March 29, 2018

Vista Work Order No. 1701075

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

Dear Mr. Gibson,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on August 17, 2017. This sample set was analyzed on a standard turn-around time, under your Project Name 'Hudson River RAMP'.

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

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

Sincerely,

Martha Maier
Laboratory Director

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

Vista Work Order No. 1701075
Case Narrative

Sample Condition on Receipt:

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

Analytical Notes:

EPA Method 1668C

These samples were extracted and analyzed for 209 PCB congeners by EPA Method 1668C using a ZB-1 GC column.

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

WHO List
Fragmentation Interferences
ZB-1 GC Column

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

Holding Times

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

Quality Control

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

A Method Blank and Ongoing Precision and Recovery (OPR) sample were extracted and analyzed with the preparation batch. No 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
1701075-01	OWS-BAFA-T170815151905	15-Aug-17 13:55	17-Aug-17 08:37	Amber Glass NM Bottle, 1L
				Amber Glass NM Bottle, 1L
1701075-02	OWS-LHAL-T170816141854	16-Aug-17 09:36	17-Aug-17 08:37	Amber Glass NM Bottle, 1L
				Amber Glass NM Bottle, 1L
1701075-03	OWS-LHPO-T170816142041	16-Aug-17 11:44	17-Aug-17 08:37	Amber Glass NM Bottle, 1L
				Amber Glass NM Bottle, 1L
1701075-04	OWS-ROIS-T170815152200	15-Aug-17 14:18	17-Aug-17 08:37	Amber Glass NM Bottle, 1L
				Amber Glass NM Bottle, 1L
1701075-05	OWS-SCHU-T170815151603	15-Aug-17 11:40	17-Aug-17 08:37	Amber Glass NM Bottle, 1L
				Amber Glass NM Bottle, 1L
1701075-06	OWS-THIS-T170815151728	15-Aug-17 12:35	17-Aug-17 08:37	Amber Glass NM Bottle, 1L
				Amber Glass NM Bottle, 1L
1701075-07	OWS-WAFO-T170815151141	15-Aug-17 10:19	17-Aug-17 08:37	Amber Glass NM Bottle, 1L
				Amber Glass NM Bottle, 1L

ANALYTICAL RESULTS

Percent Solids

LabNumber	SampleName	% Solids	RL (%)	Date Analyzed	Batch
1701075-01	OWS-BAFA-T170815151905	ND	0.1	14-Mar-2018	B8C0075
1701075-02	OWS-LHAL-T170816141854	ND	0.1	14-Mar-2018	B8C0075
1701075-03	OWS-LHPO-T170816142041	ND	0.1	14-Mar-2018	B8C0075
1701075-04	OWS-ROIS-T170815152200	ND	0.1	14-Mar-2018	B8C0075
1701075-05	OWS-SCHU-T170815151603	ND	0.1	14-Mar-2018	B8C0075
1701075-06	OWS-THIS-T170815151728	ND	0.1	14-Mar-2018	B8C0075
1701075-07	OWS-WAFO-T170815151141	ND	0.1	14-Mar-2018	B8C0075

Sample ID: Method Blank — EPA Method 1668C

Matrix:	Aqueous	QC Batch:	B8C0074	Lab Sample:	B8C0074-BLK1
Sample Size:	1.00 L	Date Extracted:	13-Mar-2018 7:43	Date Analyzed:	14-Mar-18 19:20 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers	Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-1	ND	5.00	1.57	U	PCB-44	1.89	5.00		J
PCB-2	ND	5.00	1.53	U	PCB-45	ND	5.00	1.05	U
PCB-3	ND	5.00	1.53	U	PCB-46	ND	5.00	1.10	U
PCB-4/10	ND	10.0	2.76	U	PCB-47	2.55	5.00		J
PCB-5/8	ND	10.0	2.08	U	PCB-48/75	ND	10.0	0.752	U
PCB-6	ND	5.00	2.02	U	PCB-50	ND	5.00	0.929	U
PCB-7/9	ND	10.0	2.16	U	PCB-51	ND	5.00	0.834	U
PCB-11	ND	5.00	1.78	U	PCB-52/69	2.58	10.0		J
PCB-12/13	ND	10.0	1.95	U	PCB-53	ND	5.00	0.909	U
PCB-14	ND	5.00	1.92	U	PCB-54	ND	5.00	0.757	U
PCB-15	ND	5.00	1.88	U	PCB-55	ND	5.00	0.589	U
PCB-16/32	ND	10.0	1.14	U	PCB-56/60	0.924	10.0		J
PCB-17	ND	5.00	1.38	U	PCB-57	ND	5.00	0.604	U
PCB-18	ND	5.00	1.27	U	PCB-58	ND	5.00	0.607	U
PCB-19	ND	5.00	1.50	U	PCB-61/70	ND	10.0	0.960	UM
PCB-20/21/33	ND	15.0	0.962	U	PCB-62	ND	5.00	0.778	U
PCB-22	ND	5.00	0.881	U	PCB-63	ND	5.00	0.681	U
PCB-23	ND	5.00	1.01	U	PCB-65	ND	5.00	0.671	U
PCB-24/27	ND	10.0	1.01	U	PCB-66/76	0.936	10.0		J
PCB-25	ND	5.00	0.907	U	PCB-67	ND	5.00	0.618	U
PCB-26	ND	5.00	0.955	U	PCB-68	ND	5.00	0.667	U
PCB-28	ND	5.00	0.842	U	PCB-73	ND	5.00	0.632	U
PCB-29	ND	5.00	0.995	U	PCB-74	ND	5.00	0.576	U
PCB-30	ND	5.00	0.932	U	PCB-77	ND	5.00	0.647	U
PCB-31	ND	5.00	0.872	U	PCB-78	ND	5.00	0.607	U
PCB-34	ND	5.00	0.997	U	PCB-79	ND	5.00	0.584	U
PCB-35	ND	5.00	0.837	U	PCB-80	ND	5.00	0.572	U
PCB-36	ND	5.00	0.818	U	PCB-81	ND	5.00	0.692	U
PCB-37	ND	5.00	0.845	U	PCB-82	ND	5.00	0.991	U
PCB-38	ND	5.00	0.853	U	PCB-83	ND	5.00	0.563	U
PCB-39	ND	5.00	0.879	U	PCB-84/92	ND	10.0	0.950	U
PCB-40	ND	5.00	1.37	U	PCB-85/116	ND	10.0	0.764	U
PCB-41/64/71/72	ND	20.0	1.53	UM	PCB-86	ND	5.00	0.912	U
PCB-42/59	ND	10.0	0.835	U	PCB-87/117/125	ND	15.0	0.636	U
PCB-43/49	ND	10.0	1.45	UM	PCB-88/91	ND	5.00	0.953	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:	B8C0074	Lab Sample:	B8C0074-BLK1
Sample Size:	1.00 L	Date Extracted:	13-Mar-2018 7:43	Date Analyzed:	14-Mar-18 19:20 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers	Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-89	ND	5.00	0.868	U	PCB-137	ND	5.00	0.763	U
PCB-90/101	ND	10.0	1.21	UM	PCB-138/163/164	ND	15.0	0.917	UM
PCB-93	ND	5.00	1.00	U	PCB-139/149	ND	10.0	0.881	UM
PCB-94	ND	5.00	1.02	U	PCB-140	ND	5.00	0.746	U
PCB-95/98/102	1.80	15.0		J	PCB-141	ND	5.00	0.826	U
PCB-96	ND	5.00	0.685	U	PCB-142	ND	5.00	0.933	U
PCB-97	ND	5.00	0.840	U	PCB-144	ND	5.00	0.750	U
PCB-99	ND	5.00	0.737	U	PCB-145	ND	5.00	0.509	U
PCB-100	ND	5.00	0.838	U	PCB-146/165	ND	10.0	0.670	U
PCB-103	ND	5.00	0.854	U	PCB-147	ND	5.00	0.714	U
PCB-104	ND	5.00	0.722	U	PCB-148	ND	5.00	0.743	U
PCB-105	ND	5.00	0.793	U	PCB-150	ND	5.00	0.560	U
PCB-106/118	ND	10.0	0.910	UM	PCB-151	ND	5.00	0.764	U
PCB-107/109	ND	10.0	0.608	U	PCB-152	ND	5.00	0.496	U
PCB-108/112	ND	10.0	0.703	U	PCB-153	ND	5.00	0.634	U
PCB-110	1.08	5.00		J	PCB-154	ND	5.00	0.656	U
PCB-111/115	ND	10.0	0.550	U	PCB-155	ND	5.00	0.580	U
PCB-113	ND	5.00	0.626	U	PCB-156	ND	5.00	0.609	U
PCB-114	ND	5.00	0.797	U	PCB-157	ND	5.00	0.659	U
PCB-119	ND	5.00	0.580	U	PCB-158/160	ND	10.0	0.639	U
PCB-120	ND	5.00	0.498	U	PCB-159	ND	5.00	0.584	U
PCB-121	ND	5.00	0.552	U	PCB-166	ND	5.00	0.599	U
PCB-122	ND	5.00	0.863	U	PCB-167	ND	5.00	0.644	U
PCB-123	ND	5.00	0.714	U	PCB-168	ND	5.00	0.611	U
PCB-124	ND	5.00	0.617	U	PCB-169	ND	5.00	0.612	U
PCB-126	ND	5.00	0.796	U	PCB-170	ND	5.00	0.655	U
PCB-127	ND	5.00	0.788	U	PCB-171	ND	5.00	0.669	U
PCB-128/162	ND	10.0	0.758	U	PCB-172	ND	5.00	0.661	U
PCB-129	ND	5.00	0.966	U	PCB-173	ND	5.00	0.723	U
PCB-130	ND	5.00	1.04	U	PCB-174	ND	5.00	0.648	U
PCB-131/133	ND	10.0	0.836	U	PCB-175	ND	5.00	0.671	U
PCB-132/161	ND	10.0	0.680	U	PCB-176	ND	5.00	0.512	U
PCB-134/143	ND	10.0	0.896	U	PCB-177	ND	5.00	0.691	U
PCB-135	ND	5.00	0.668	U	PCB-178	ND	5.00	0.691	U
PCB-136	ND	5.00	0.561	U	PCB-179	ND	5.00	0.484	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:	B8C0074	Lab Sample:	B8C0074-BLK1
Sample Size:	1.00 L	Date Extracted:	13-Mar-2018 7:43	Date Analyzed:	14-Mar-18 19:20 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-180	ND	5.00	0.605	U
PCB-181	ND	5.00	0.621	U
PCB-182/187	ND	10.0	0.587	U
PCB-183	ND	5.00	0.594	U
PCB-184	ND	5.00	0.508	U
PCB-185	ND	5.00	0.676	U
PCB-186	ND	5.00	0.472	U
PCB-188	ND	5.00	0.488	U
PCB-189	ND	5.00	0.446	U
PCB-190	ND	5.00	0.481	U
PCB-191	ND	5.00	0.527	U
PCB-192	ND	5.00	0.508	U
PCB-193	ND	5.00	0.536	U
PCB-194	ND	5.00	0.642	U
PCB-195	ND	5.00	0.714	U
PCB-196/203	ND	10.0	0.916	U
PCB-197	ND	5.00	0.702	U
PCB-198	ND	5.00	0.918	U
PCB-199	ND	5.00	0.965	U
PCB-200	ND	5.00	0.740	U
PCB-201	ND	5.00	0.789	U
PCB-202	ND	5.00	0.730	U
PCB-204	ND	5.00	0.720	U
PCB-205	ND	5.00	0.556	U
PCB-206	ND	5.00	0.661	U
PCB-207	ND	5.00	0.501	U
PCB-208	ND	5.00	0.497	U
PCB-209	ND	5.00	0.639	U
Total monoCB	ND		1.57	U
Total diCB	ND		2.76	U
Total triCB	ND		1.50	U
Total tetraCB	8.89			
Total pentaCB	2.87			
Total hexaCB	ND		1.80	UM
Total heptaCB	ND		0.723	U

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
Total octaCB	ND		0.965	U
Total nonaCB	ND		0.661	U
DecaCB	ND		0.639	U
Total PCB	11.8			

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:	B8C0074	Lab Sample:	B8C0074-BLK1
Sample Size:	1.00 L	Date Extracted:	13-Mar-2018 7:43	Date Analyzed:	14-Mar-18 19:20 Column: ZB-1

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-PCB-1	43.6	5 - 145	
	13C-PCB-3	45.8	5 - 145	
	13C-PCB-4	52.0	5 - 145	
	13C-PCB-11	61.2	5 - 145	
	13C-PCB-9	53.5	5 - 145	
	13C-PCB-19	67.7	5 - 145	
	13C-PCB-28	65.6	5 - 145	
	13C-PCB-32	70.8	5 - 145	
	13C-PCB-37	73.1	5 - 145	
	13C-PCB-47	70.1	5 - 145	
	13C-PCB-52	70.6	5 - 145	
	13C-PCB-54	64.1	5 - 145	
	13C-PCB-70	76.2	5 - 145	
	13C-PCB-77	81.4	10 - 145	
	13C-PCB-80	75.6	10 - 145	
	13C-PCB-81	80.7	10 - 145	
	13C-PCB-95	75.9	10 - 145	
	13C-PCB-97	81.0	10 - 145	
	13C-PCB-101	77.4	10 - 145	
	13C-PCB-104	67.9	10 - 145	
	13C-PCB-105	73.4	10 - 145	
	13C-PCB-114	70.2	10 - 145	
	13C-PCB-118	75.9	10 - 145	
	13C-PCB-123	77.1	10 - 145	
	13C-PCB-126	70.4	10 - 145	
	13C-PCB-127	70.7	10 - 145	
	13C-PCB-138	78.5	10 - 145	
	13C-PCB-141	79.2	10 - 145	
	13C-PCB-153	76.8	10 - 145	
	13C-PCB-155	95.7	10 - 145	
	13C-PCB-156	81.0	10 - 145	

	Labeled Standard	%R	LCL-UCL	Qualifiers
	13C-PCB-157	81.2	10 - 145	
	13C-PCB-159	78.8	10 - 145	
	13C-PCB-167	80.2	10 - 145	
	13C-PCB-169	78.1	10 - 145	
	13C-PCB-170	81.9	10 - 145	
	13C-PCB-180	80.5	10 - 145	
	13C-PCB-188	73.9	10 - 145	
	13C-PCB-189	80.2	10 - 145	
	13C-PCB-194	81.9	10 - 145	
	13C-PCB-202	97.0	10 - 145	
	13C-PCB-206	91.3	10 - 145	
	13C-PCB-208	85.1	10 - 145	
	13C-PCB-209	109	10 - 145	
CRS	13C-PCB-79	88.1	10 - 145	
	13C-PCB-178	87.2	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:	B8C0074	Lab Sample:	B8C0074-BS1
Sample Size:	1.00 L	Date Extracted:	13-Mar-2018 7:43	Date Analyzed:	14-Mar-18 17:09 Column: ZB-1

Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits
PCB-1	958	1000	95.8	60 - 135
PCB-2	980	1000	98.0	60 - 135
PCB-3	959	1000	95.9	60 - 135
PCB-4/10	1930	2000	96.3	60 - 135
PCB-5/8	1960	2000	98.2	60 - 135
PCB-6	985	1000	98.5	60 - 135
PCB-7/9	1880	2000	94.2	60 - 135
PCB-11	953	1000	95.3	60 - 135
PCB-12/13	1930	2000	96.3	60 - 135
PCB-14	943	1000	94.3	60 - 135
PCB-15	981	1000	98.1	60 - 135
PCB-16/32	1790	2000	89.7	60 - 135
PCB-17	884	1000	88.4	60 - 135
PCB-18	873	1000	87.3	60 - 135
PCB-19	923	1000	92.3	60 - 135
PCB-20/21/33	2760	3000	92.0	60 - 135
PCB-22	961	1000	96.1	60 - 135
PCB-23	838	1000	83.8	60 - 135
PCB-24/27	1820	2000	91.0	60 - 135
PCB-25	950	1000	95.0	60 - 135
PCB-26	939	1000	93.9	60 - 135
PCB-28	962	1000	96.2	60 - 135
PCB-29	927	1000	92.7	60 - 135
PCB-30	888	1000	88.8	60 - 135
PCB-31	951	1000	95.1	60 - 135
PCB-34	1040	1000	104	60 - 135
PCB-35	987	1000	98.7	60 - 135
PCB-36	959	1000	95.9	60 - 135
PCB-37	975	1000	97.5	60 - 135
PCB-38	946	1000	94.6	60 - 135
PCB-39	992	1000	99.2	60 - 135
PCB-40	1030	1000	103	60 - 135
PCB-41/64/71/72	3890	4000	97.4	60 - 135
PCB-42/59	1910	2000	95.3	60 - 135
PCB-43/49	1840	2000	92.0	60 - 135
PCB-44	993	1000	99.3	60 - 135
PCB-45	908	1000	90.8	60 - 135
PCB-46	908	1000	90.8	60 - 135
PCB-47	1010	1000	101	60 - 135
PCB-48/75	1750	2000	87.4	60 - 135

	Labeled Standard	%R	LCL-UCL
IS	13C-PCB-1	70.9	15 - 145
IS	13C-PCB-3	70.2	15 - 145
IS	13C-PCB-4	78.2	15 - 145
IS	13C-PCB-9	78.8	15 - 145
IS	13C-PCB-11	82.7	15 - 145
IS	13C-PCB-19	94.5	15 - 145
IS	13C-PCB-28	88.4	15 - 145
IS	13C-PCB-32	99.0	15 - 145
IS	13C-PCB-37	83.2	15 - 145
IS	13C-PCB-47	88.7	15 - 145
IS	13C-PCB-52	92.6	15 - 145
IS	13C-PCB-54	90.7	15 - 145
IS	13C-PCB-70	94.2	15 - 145
IS	13C-PCB-77	92.6	40 - 145
IS	13C-PCB-80	92.2	40 - 145
IS	13C-PCB-81	92.6	40 - 145
IS	13C-PCB-95	95.9	40 - 145
IS	13C-PCB-97	93.2	40 - 145
IS	13C-PCB-101	90.4	40 - 145
IS	13C-PCB-104	91.7	40 - 145
IS	13C-PCB-105	84.9	40 - 145
IS	13C-PCB-114	82.8	40 - 145
IS	13C-PCB-118	94.6	40 - 145
IS	13C-PCB-123	95.6	40 - 145
IS	13C-PCB-126	82.0	40 - 145
IS	13C-PCB-127	86.1	40 - 145
IS	13C-PCB-138	93.0	40 - 145
IS	13C-PCB-141	92.0	40 - 145
IS	13C-PCB-153	89.9	40 - 145
IS	13C-PCB-155	116	40 - 145
IS	13C-PCB-156	95.2	40 - 145
IS	13C-PCB-157	96.2	40 - 145
IS	13C-PCB-159	94.0	40 - 145
IS	13C-PCB-167	94.3	40 - 145
IS	13C-PCB-169	93.8	40 - 145
IS	13C-PCB-170	99.7	40 - 145
IS	13C-PCB-180	96.3	40 - 145
IS	13C-PCB-188	87.6	40 - 145
IS	13C-PCB-189	96.5	40 - 145
IS	13C-PCB-194	93.8	40 - 145

Sample ID: OPR

EPA Method 1668C

Matrix:	Aqueous	QC Batch:	B8C0074	Lab Sample:	B8C0074-BS1
Sample Size:	1.00 L	Date Extracted:	13-Mar-2018 7:43	Date Analyzed:	14-Mar-18 17:09 Column: ZB-1

Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits
PCB-50	921	1000	92.1	60 - 135
PCB-51	907	1000	90.7	60 - 135
PCB-52/69	1840	2000	91.8	60 - 135
PCB-53	911	1000	91.1	60 - 135
PCB-54	907	1000	90.7	60 - 135
PCB-55	978	1000	97.8	60 - 135
PCB-56/60	1830	2000	91.5	60 - 135
PCB-57	919	1000	91.9	60 - 135
PCB-58	1010	1000	101	60 - 135
PCB-61/70	1870	2000	93.3	60 - 135
PCB-62	962	1000	96.2	60 - 135
PCB-63	915	1000	91.5	60 - 135
PCB-65	916	1000	91.6	60 - 135
PCB-66/76	1850	2000	92.5	60 - 135
PCB-67	890	1000	89.0	60 - 135
PCB-68	939	1000	93.9	60 - 135
PCB-73	919	1000	91.9	60 - 135
PCB-74	870	1000	87.0	60 - 135
PCB-77	924	1000	92.4	60 - 135
PCB-78	926	1000	92.6	60 - 135
PCB-79	892	1000	89.2	60 - 135
PCB-80	911	1000	91.1	60 - 135
PCB-81	957	1000	95.7	60 - 135
PCB-82	882	1000	88.2	60 - 135
PCB-83	868	1000	86.8	60 - 135
PCB-84/92	1820	2000	90.9	60 - 135
PCB-85/116	1950	2000	97.7	60 - 135
PCB-86	869	1000	86.9	60 - 135
PCB-87/117/125	2590	3000	86.4	60 - 135
PCB-88/91	1820	2000	91.2	60 - 135
PCB-89	925	1000	92.5	60 - 135
PCB-90/101	1750	2000	87.4	60 - 135
PCB-93	795	1000	79.5	60 - 135
PCB-94	874	1000	87.4	60 - 135
PCB-95/98/102	2640	3000	88.1	60 - 135
PCB-96	900	1000	90.0	60 - 135
PCB-97	874	1000	87.4	60 - 135
PCB-99	825	1000	82.5	60 - 135
PCB-100	897	1000	89.7	60 - 135
PCB-103	881	1000	88.1	60 - 135

	Labeled Standard	%R	LCL-UCL
IS	13C-PCB-202	115	40 - 145
IS	13C-PCB-206	104	40 - 145
IS	13C-PCB-208	98.2	40 - 145
IS	13C-PCB-209	124	40 - 145
CRS	13C-PCB-79	100	40 - 145
CRS	13C-PCB-178	102	40 - 145

Sample ID: OPR

EPA Method 1668C

Matrix:	Aqueous	QC Batch:	B8C0074	Lab Sample:	B8C0074-BS1
Sample Size:	1.00 L	Date Extracted:	13-Mar-2018 7:43	Date Analyzed:	14-Mar-18 17:09 Column: ZB-1

Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits	Labeled Standard	%R	LCL-UCL
PCB-104	856	1000	85.6	60 - 135			
PCB-105	956	1000	95.6	60 - 135			
PCB-106/118	1800	2000	90.2	60 - 135			
PCB-107/109	1750	2000	87.7	60 - 135			
PCB-108/112	1750	2000	87.7	60 - 135			
PCB-110	947	1000	94.7	60 - 135			
PCB-111/115	1660	2000	82.9	60 - 135			
PCB-113	918	1000	91.8	60 - 135			
PCB-114	974	1000	97.4	60 - 135			
PCB-119	842	1000	84.2	60 - 135			
PCB-120	814	1000	81.4	60 - 135			
PCB-121	791	1000	79.1	60 - 135			
PCB-122	967	1000	96.7	60 - 135			
PCB-123	867	1000	86.7	60 - 135			
PCB-124	856	1000	85.6	60 - 135			
PCB-126	977	1000	97.7	60 - 135			
PCB-127	927	1000	92.7	60 - 135			
PCB-128/162	1850	2000	92.4	60 - 135			
PCB-129	930	1000	93.0	60 - 135			
PCB-130	1100	1000	110	60 - 135			
PCB-131/133	1870	2000	93.7	60 - 135			
PCB-132/161	1900	2000	94.8	60 - 135			
PCB-134/143	1900	2000	94.8	60 - 135			
PCB-135	885	1000	88.5	60 - 135			
PCB-136	942	1000	94.2	60 - 135			
PCB-137	840	1000	84.0	60 - 135			
PCB-138/163/164	2750	3000	91.5	60 - 135			
PCB-139/149	1880	2000	94.1	60 - 135			
PCB-140	942	1000	94.2	60 - 135			
PCB-141	912	1000	91.2	60 - 135			
PCB-142	1010	1000	101	60 - 135			
PCB-144	1040	1000	104	60 - 135			
PCB-145	900	1000	90.0	60 - 135			
PCB-146/165	1860	2000	93.0	60 - 135			
PCB-147	915	1000	91.5	60 - 135			
PCB-148	857	1000	85.7	60 - 135			
PCB-150	885	1000	88.5	60 - 135			
PCB-151	947	1000	94.7	60 - 135			
PCB-152	894	1000	89.4	60 - 135			
PCB-153	913	1000	91.3	60 - 135			

Sample ID: OPR

EPA Method 1668C

Matrix:	Aqueous	QC Batch:	B8C0074	Lab Sample:	B8C0074-BS1
Sample Size:	1.00 L	Date Extracted:	13-Mar-2018 7:43	Date Analyzed:	14-Mar-18 17:09 Column: ZB-1

Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits	Labeled Standard	%R	LCL-UCL
PCB-154	902	1000	90.2	60 - 135			
PCB-155	859	1000	85.9	60 - 135			
PCB-156	895	1000	89.5	60 - 135			
PCB-157	915	1000	91.5	60 - 135			
PCB-158/160	1890	2000	94.6	60 - 135			
PCB-159	924	1000	92.4	60 - 135			
PCB-166	901	1000	90.1	60 - 135			
PCB-167	914	1000	91.4	60 - 135			
PCB-168	884	1000	88.4	60 - 135			
PCB-169	915	1000	91.5	60 - 135			
PCB-170	924	1000	92.4	60 - 135			
PCB-171	902	1000	90.2	60 - 135			
PCB-172	944	1000	94.4	60 - 135			
PCB-173	946	1000	94.6	60 - 135			
PCB-174	946	1000	94.6	60 - 135			
PCB-175	1020	1000	102	60 - 135			
PCB-176	940	1000	94.0	60 - 135			
PCB-177	932	1000	93.2	60 - 135			
PCB-178	989	1000	98.9	60 - 135			
PCB-179	955	1000	95.5	60 - 135			
PCB-180	916	1000	91.6	60 - 135			
PCB-181	911	1000	91.1	60 - 135			
PCB-182/187	1930	2000	96.6	60 - 135			
PCB-183	966	1000	96.6	60 - 135			
PCB-184	922	1000	92.2	60 - 135			
PCB-185	922	1000	92.2	60 - 135			
PCB-186	982	1000	98.2	60 - 135			
PCB-188	891	1000	89.1	60 - 135			
PCB-189	911	1000	91.1	60 - 135			
PCB-190	921	1000	92.1	60 - 135			
PCB-191	948	1000	94.8	60 - 135			
PCB-192	936	1000	93.6	60 - 135			
PCB-193	910	1000	91.0	60 - 135			
PCB-194	948	1000	94.8	60 - 135			
PCB-195	980	1000	98.0	60 - 135			
PCB-196/203	1850	2000	92.7	60 - 135			
PCB-197	871	1000	87.1	60 - 135			
PCB-198	890	1000	89.0	60 - 135			
PCB-199	944	1000	94.4	60 - 135			
PCB-200	918	1000	91.8	60 - 135			

Sample ID: OPR

EPA Method 1668C

Matrix:	Aqueous	QC Batch:	B8C0074	Lab Sample:	B8C0074-BS1
Sample Size:	1.00 L	Date Extracted:	13-Mar-2018 7:43	Date Analyzed:	14-Mar-18 17:09 Column: ZB-1

Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits	Labeled Standard	%R	LCL-UCL
PCB-201	936	1000	93.6	60 - 135			
PCB-202	919	1000	91.9	60 - 135			
PCB-204	908	1000	90.8	60 - 135			
PCB-205	982	1000	98.2	60 - 135			
PCB-206	934	1000	93.4	60 - 135			
PCB-207	942	1000	94.2	60 - 135			
PCB-208	945	1000	94.5	60 - 135			
PCB-209	913	1000	91.3	60 - 135			

LCL-UCL - Lower control limit - upper control limit

Sample ID: OWS-BAFA-T170815151905 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 15-Aug-2017 13:55

Sample Data
Matrix: Water
Sample Size: 1.02 L

Laboratory Data
Lab Sample: 1701075-01 — Date Received: 17-Aug-2017 8:37
QC Batch: B8C0074 — Date Extracted: 13-Mar-2018 7:43
Date Analyzed : 15-Mar-18 13:49 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-1	ND	4.93	1.17	U
PCB-2	ND	4.93	1.13	U
PCB-3	ND	4.93	1.13	U
PCB-4/10	ND	9.85	8.95	U
PCB-5/8	ND	9.85	3.82	U
PCB-6	ND	4.93	1.17	U
PCB-7/9	ND	9.85	1.93	U
PCB-11	7.32	4.93		
PCB-12/13	ND	9.85	1.78	U
PCB-14	ND	4.93	1.76	U
PCB-15	4.91	4.93		J
PCB-16/32	15.1	9.85		
PCB-17	6.74	4.93		
PCB-18	16.2	4.93		
PCB-19	7.60	4.93		
PCB-20/21/33	ND	14.8	2.36	UM
PCB-22	2.38	4.93		J
PCB-23	ND	4.93	1.14	U
PCB-24/27	4.42	9.85		J
PCB-25	0.860	4.93		J
PCB-26	3.47	4.93		J
PCB-28	14.5	4.93		
PCB-29	ND	4.93	1.13	U
PCB-30	ND	4.93	0.796	U
PCB-31	ND	8.40	8.40	UM
PCB-34	ND	4.93	1.13	U
PCB-35	ND	4.93	1.01	U
PCB-36	ND	4.93	0.989	U
PCB-37	5.63	4.93		
PCB-38	ND	4.93	1.03	U
PCB-39	ND	4.93	1.06	U
PCB-40	6.93	4.93		
PCB-41/64/71/72	22.4	19.7		
PCB-42/59	7.93	9.85		J
PCB-43/49	15.3	9.85		
PCB-44	22.4	4.93		B
PCB-45	5.91	4.93		
PCB-46	2.61	4.93		J
PCB-47	9.01	4.93		B
PCB-48/75	ND	9.85	3.57	UM
PCB-50	ND	4.93	1.01	U
PCB-51	ND	4.93	1.59	UM
PCB-52/69	22.7	9.85		B
PCB-53	7.12	4.93		
PCB-54	ND	4.93	0.818	U
PCB-55	ND	4.93	0.749	U
PCB-56/60	11.6	9.85		B
PCB-57	ND	4.93	0.758	U
PCB-58	ND	4.93	0.762	U
PCB-61/70	15.1	9.85		
PCB-62	ND	4.93	0.928	U
PCB-63	ND	4.93	0.747	U
PCB-65	ND	4.93	0.800	U
PCB-66/76	13.3	9.85		B
PCB-67	ND	4.93	0.776	U
PCB-68	ND	4.93	0.688	UM
PCB-73	ND	4.93	0.750	U
PCB-74	7.02	4.93		
PCB-77	1.89	4.93		J
PCB-78	ND	4.93	0.796	U
PCB-79	ND	4.93	0.743	U
PCB-80	ND	4.93	0.728	U
PCB-81	ND	4.93	0.908	U
PCB-82	1.91	4.93		J
PCB-83	ND	4.93	0.908	U
PCB-84/92	6.63	9.85		J
PCB-85/116	2.03	9.85		J
PCB-86	ND	4.93	1.47	U
PCB-87/117/125	4.17	14.8		J
PCB-88/91	ND	4.93	2.25	UM

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-BAFA-T170815151905 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 15-Aug-2017 13:55

Sample Data
Matrix: Water
Sample Size: 1.02 L

Laboratory Data
Lab Sample: 1701075-01 — Date Received: 17-Aug-2017 8:37
QC Batch: B8C0074 — Date Extracted: 13-Mar-2018 7:43
Date Analyzed : 15-Mar-18 13:49 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-89	ND	4.93	1.26	U
PCB-90/101	ND	10.3	10.3	UM
PCB-93	ND	4.93	1.47	U
PCB-94	ND	4.93	1.49	U
PCB-95/98/102	9.90	14.8		J, B
PCB-96	ND	4.93	1.01	U
PCB-97	4.47	4.93		J
PCB-99	3.96	4.93		J
PCB-100	ND	4.93	1.23	U
PCB-103	ND	4.93	1.26	U
PCB-104	ND	4.93	1.06	U
PCB-105	ND	4.93	3.85	UM
PCB-106/118	7.26	9.85		J
PCB-107/109	ND	9.85	0.697	U
PCB-108/112	ND	9.85	1.13	U
PCB-110	11.8	4.93		B
PCB-111/115	ND	9.85	0.888	U
PCB-113	ND	4.93	0.908	U
PCB-114	ND	4.93	1.12	U
PCB-119	ND	4.93	0.937	U
PCB-120	ND	4.93	0.803	U
PCB-121	ND	4.93	0.812	U
PCB-122	ND	4.93	1.21	U
PCB-123	ND	4.93	1.05	U
PCB-124	ND	4.93	0.903	U
PCB-126	ND	4.93	1.14	U
PCB-127	ND	4.93	1.04	U
PCB-128/162	1.31	9.85		J
PCB-129	ND	4.93	1.48	U
PCB-130	ND	4.93	1.59	U
PCB-131/133	ND	9.85	1.29	U
PCB-132/161	2.26	9.85		J
PCB-134/143	ND	9.85	1.38	U
PCB-135	ND	4.93	0.913	U
PCB-136	ND	4.93	1.28	UM

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-137	ND	4.93	1.16	U
PCB-138/163/164	6.95	14.8		J
PCB-139/149	5.13	9.85		J
PCB-140	ND	4.93	1.10	U
PCB-141	1.42	4.93		J
PCB-142	ND	4.93	1.43	U
PCB-144	ND	4.93	1.02	U
PCB-145	ND	4.93	0.753	U
PCB-146/165	1.31	9.85		J
PCB-147	ND	4.93	1.06	U
PCB-148	ND	4.93	1.10	U
PCB-150	ND	4.93	0.829	U
PCB-151	1.57	4.93		J
PCB-152	ND	4.93	0.734	U
PCB-153	5.98	4.93		
PCB-154	ND	4.93	0.970	U
PCB-155	ND	4.93	0.861	U
PCB-156	0.913	4.93		J
PCB-157	ND	4.93	1.04	U
PCB-158/160	ND	9.85	0.636	U
PCB-159	ND	4.93	0.851	U
PCB-166	ND	4.93	0.874	U
PCB-167	ND	4.93	1.39	U
PCB-168	ND	4.93	0.940	U
PCB-169	ND	4.93	1.01	U
PCB-170	ND	4.93	0.774	U
PCB-171	ND	4.93	0.738	U
PCB-172	ND	4.93	0.729	U
PCB-173	ND	4.93	0.797	U
PCB-174	1.26	4.93		J
PCB-175	ND	4.93	0.725	U
PCB-176	ND	4.93	0.553	U
PCB-177	ND	4.93	0.762	U
PCB-178	ND	4.93	0.746	U
PCB-179	ND	4.93	0.680	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: OWS-BAFA-T170815151905 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 15-Aug-2017 13:55

Sample Data
Matrix: Water
Sample Size: 1.02 L

Laboratory Data
Lab Sample: 1701075-01 — Date Received: 17-Aug-2017 8:37
QC Batch: B8C0074 — Date Extracted: 13-Mar-2018 7:43
Date Analyzed : 15-Mar-18 13:49 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-180	1.99	4.93		J
PCB-181	ND	4.93	0.685	U
PCB-182/187	1.89	9.85		J
PCB-183	ND	4.93	0.757	U
PCB-184	ND	4.93	0.549	U
PCB-185	ND	4.93	0.746	U
PCB-186	ND	4.93	0.509	U
PCB-188	ND	4.93	0.527	U
PCB-189	ND	4.93	0.556	U
PCB-190	ND	4.93	0.562	U
PCB-191	ND	4.93	0.581	U
PCB-192	ND	4.93	0.561	U
PCB-193	ND	4.93	0.591	U
PCB-194	1.26	4.93		J
PCB-195	ND	4.93	0.949	U
PCB-196/203	ND	9.85	1.66	U
PCB-197	ND	4.93	0.689	U
PCB-198	ND	4.93	0.901	U
PCB-199	ND	4.93	0.947	U
PCB-200	ND	4.93	0.726	U
PCB-201	ND	4.93	0.774	U
PCB-202	ND	4.93	0.714	U
PCB-204	ND	4.93	0.707	U
PCB-205	ND	4.93	0.739	U
PCB-206	ND	4.93	0.936	U
PCB-207	ND	4.93	0.742	U
PCB-208	ND	4.93	0.876	U
PCB-209	ND	4.93	0.744	U
Total monoCB	ND		1.17	U
Total diCB	12.2			
Total triCB	76.9			
Total tetraCB	171			
Total pentaCB	52.2			
Total hexaCB	26.8			
Total heptaCB	5.14			

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
Total octaCB	1.26			
Total nonaCB	ND		0.936	U
DecaCB	ND		0.744	U
Total PCB	346			

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-BAFA-T170815151905 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 15-Aug-2017 13:55

Sample Data
Matrix: Water
Sample Size: 1.02 L

Laboratory Data
Lab Sample: 1701075-01 — Date Received: 17-Aug-2017 8:37
QC Batch: B8C0074 — Date Extracted: 13-Mar-2018 7:43
Date Analyzed : 15-Mar-18 13:49 Column: ZB-1

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-PCB-1	56.1	5 -145	
	13C-PCB-3	58.9	5 -145	
	13C-PCB-4	63.8	5 -145	
	13C-PCB-11	74.5	5 -145	
	13C-PCB-9	66.7	5 -145	
	13C-PCB-19	85.0	5 -145	
	13C-PCB-28	70.7	5 -145	
	13C-PCB-32	90.4	5 -145	
	13C-PCB-37	77.6	5 -145	
	13C-PCB-47	83.7	5 -145	
	13C-PCB-52	82.0	5 -145	
	13C-PCB-54	82.5	5 -145	
	13C-PCB-70	86.3	5 -145	
	13C-PCB-77	84.5	10 -145	
	13C-PCB-80	85.5	10 -145	
	13C-PCB-81	84.0	10 -145	
	13C-PCB-95	85.1	10 -145	
	13C-PCB-97	88.2	10 -145	
	13C-PCB-101	88.2	10 -145	
	13C-PCB-104	79.8	10 -145	
	13C-PCB-105	78.0	10 -145	
	13C-PCB-114	75.6	10 -145	
	13C-PCB-118	90.0	10 -145	
	13C-PCB-123	90.5	10 -145	
	13C-PCB-126	75.3	10 -145	
	13C-PCB-127	78.1	10 -145	
	13C-PCB-138	85.4	10 -145	
	13C-PCB-141	84.0	10 -145	
	13C-PCB-153	84.0	10 -145	
	13C-PCB-155	111	10 -145	
	13C-PCB-156	83.9	10 -145	
	13C-PCB-157	85.7	10 -145	
	13C-PCB-159	85.5	10 -145	
	13C-PCB-167	85.0	10 -145	
	13C-PCB-169	82.0	10 -145	
	13C-PCB-170	91.7	10 -145	
	13C-PCB-180	90.2	10 -145	
	13C-PCB-188	87.9	10 -145	
	13C-PCB-189	87.3	10 -145	
	13C-PCB-194	89.2	10 -145	
	13C-PCB-202	113	10 -145	
	13C-PCB-206	97.1	10 -145	
	13C-PCB-208	91.3	10 -145	
	13C-PCB-209	113	10 -145	
CRS	13C-PCB-79	100	10 -145	
	13C-PCB-178	105	10 -145	

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

Sample ID: OWS-LHAL-T170816141854 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 16-Aug-2017 9:36

Sample Data
Matrix: Water
Sample Size: 1.06 L

Laboratory Data
Lab Sample: 1701075-02 — Date Received: 17-Aug-2017 8:37
QC Batch: B8C0074 — Date Extracted: 13-Mar-2018 7:43
Date Analyzed : 15-Mar-18 14:54 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-1	44.3	4.74		
PCB-2	ND	4.74	1.05	UM
PCB-3	10.5	4.74		
PCB-4/10	2960	9.48		
PCB-5/8	48.3	9.48		
PCB-6	13.3	4.74		
PCB-7/9	ND	9.48	3.85	U
PCB-11	9.94	4.74		
PCB-12/13	14.8	9.48		
PCB-14	ND	4.74	1.17	U
PCB-15	160	4.74		
PCB-16/32	305	9.48		
PCB-17	250	4.74		
PCB-18	277	4.74		
PCB-19	923	4.74		
PCB-20/21/33	14.2	14.2		
PCB-22	17.8	4.74		
PCB-23	ND	4.74	1.28	U
PCB-24/27	358	9.48		
PCB-25	39.1	4.74		
PCB-26	143	4.74		
PCB-28	157	4.74		
PCB-29	ND	4.74	1.27	U
PCB-30	ND	4.74	0.629	U
PCB-31	267	4.74		
PCB-34	7.66	4.74		
PCB-35	1.70	4.74		J
PCB-36	ND	4.74	0.962	U
PCB-37	39.2	4.74		
PCB-38	3.92	4.74		J
PCB-39	2.91	4.74		J
PCB-40	48.6	4.74		
PCB-41/64/71/72	248	19.0		
PCB-42/59	95.9	9.48		
PCB-43/49	354	9.48		
PCB-44	188	4.74		B
PCB-45	73.8	4.74		
PCB-46	26.8	4.74		
PCB-47	272	4.74		B
PCB-48/75	29.4	9.48		
PCB-50	4.51	4.74		J
PCB-51	46.9	4.74		
PCB-52/69	430	9.48		B
PCB-53	195	4.74		
PCB-54	18.1	4.74		
PCB-55	1.85	4.74		J
PCB-56/60	64.4	9.48		B
PCB-57	2.85	4.74		J
PCB-58	0.881	4.74		J
PCB-61/70	97.0	9.48		
PCB-62	ND	4.74	1.03	U
PCB-63	16.7	4.74		
PCB-65	ND	4.74	1.35	UM
PCB-66/76	97.5	9.48		B
PCB-67	6.17	4.74		
PCB-68	15.3	4.74		
PCB-73	9.00	4.74		
PCB-74	61.2	4.74		
PCB-77	ND	8.02	8.02	UM
PCB-78	ND	4.74	0.809	U
PCB-79	ND	4.74	0.958	U
PCB-80	ND	4.74	0.739	U
PCB-81	ND	4.74	1.96	U
PCB-82	11.8	4.74		
PCB-83	ND	4.74	1.03	U
PCB-84/92	76.8	9.48		
PCB-85/116	17.3	9.48		
PCB-86	1.02	4.74		J
PCB-87/117/125	34.5	14.2		
PCB-88/91	39.7	4.74		

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-LHAL-T170816141854 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 16-Aug-2017 9:36

Sample Data
Matrix: Water
Sample Size: 1.06 L

Laboratory Data
Lab Sample: 1701075-02 — Date Received: 17-Aug-2017 8:37
QC Batch: B8C0074 — Date Extracted: 13-Mar-2018 7:43
Date Analyzed : 15-Mar-18 14:54 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-89	2.03	4.74		J
PCB-90/101	93.4	9.48		
PCB-93	ND	4.74	1.68	U
PCB-94	8.46	4.74		
PCB-95/98/102	124	14.2		B
PCB-96	ND	4.74	4.38	UM
PCB-97	26.8	4.74		
PCB-99	44.7	4.74		
PCB-100	4.21	4.74		J
PCB-103	5.42	4.74		
PCB-104	ND	4.74	0.722	U
PCB-105	23.0	4.74		
PCB-106/118	47.4	9.48		
PCB-107/109	5.37	9.48		J
PCB-108/112	8.88	9.48		J
PCB-110	94.2	4.74		B
PCB-111/115	1.49	9.48		J
PCB-113	ND	4.74	1.02	U
PCB-114	1.78	4.74		J
PCB-119	4.08	4.74		J
PCB-120	ND	4.74	0.908	U
PCB-121	ND	4.74	0.925	U
PCB-122	0.684	4.74		J
PCB-123	1.49	4.74		J
PCB-124	2.40	4.74		J
PCB-126	ND	4.74	1.16	U
PCB-127	ND	4.74	1.11	U
PCB-128/162	8.06	9.48		J
PCB-129	3.02	4.74		J
PCB-130	4.73	4.74		J
PCB-131/133	ND	9.48	3.58	UM
PCB-132/161	14.1	9.48		
PCB-134/143	6.17	9.48		J
PCB-135	11.9	4.74		
PCB-136	11.8	4.74		

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-137	2.99	4.74		J
PCB-138/163/164	48.8	14.2		
PCB-139/149	42.9	9.48		
PCB-140	ND	4.74	0.696	U
PCB-141	6.56	4.74		
PCB-142	ND	4.74	1.39	U
PCB-144	1.54	4.74		J
PCB-145	ND	4.74	0.834	U
PCB-146/165	10.1	9.48		
PCB-147	3.76	4.74		J
PCB-148	ND	4.74	1.22	U
PCB-150	ND	4.74	0.918	U
PCB-151	18.8	4.74		
PCB-152	ND	4.74	0.814	U
PCB-153	35.9	4.74		
PCB-154	2.31	4.74		J
PCB-155	ND	4.74	0.954	U
PCB-156	4.11	4.74		J
PCB-157	ND	4.74	1.27	UM
PCB-158/160	ND	9.48	4.04	UM
PCB-159	ND	4.74	0.820	U
PCB-166	ND	4.74	0.842	U
PCB-167	1.85	4.74		J
PCB-168	ND	4.74	0.908	U
PCB-169	ND	4.74	0.958	U
PCB-170	6.22	4.74		
PCB-171	2.07	4.74		J
PCB-172	1.76	4.74		J
PCB-173	ND	4.74	0.784	U
PCB-174	7.19	4.74		
PCB-175	ND	4.74	0.710	U
PCB-176	1.21	4.74		J
PCB-177	5.95	4.74		
PCB-178	4.82	4.74		
PCB-179	5.71	4.74		

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-LHAL-T170816141854 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 16-Aug-2017 9:36

Sample Data
Matrix: Water
Sample Size: 1.06 L

Laboratory Data
Lab Sample: 1701075-02 — Date Received: 17-Aug-2017 8:37
QC Batch: B8C0074 — Date Extracted: 13-Mar-2018 7:43
Date Analyzed : 15-Mar-18 14:54 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-180	14.6	4.74		
PCB-181	ND	4.74	0.674	U
PCB-182/187	14.1	9.48		
PCB-183	3.73	4.74		J
PCB-184	ND	4.74	0.537	U
PCB-185	ND	4.74	0.734	U
PCB-186	ND	4.74	0.499	U
PCB-188	ND	4.74	0.516	U
PCB-189	ND	4.74	0.532	U
PCB-190	ND	4.74	1.05	UM
PCB-191	ND	4.74	0.572	U
PCB-192	ND	4.74	0.551	U
PCB-193	ND	4.74	1.03	UM
PCB-194	4.28	4.74		J
PCB-195	ND	4.74	1.73	UM
PCB-196/203	5.44	9.48		J
PCB-197	ND	4.74	0.836	U
PCB-198	ND	4.74	1.09	U
PCB-199	7.05	4.74		
PCB-200	ND	4.74	0.882	U
PCB-201	0.788	4.74		J
PCB-202	2.38	4.74		J
PCB-204	ND	4.74	0.858	U
PCB-205	ND	4.74	0.672	U
PCB-206	4.92	4.74		
PCB-207	ND	4.74	0.828	U
PCB-208	ND	4.74	1.75	UM
PCB-209	2.77	4.74		J
Total monoCB	54.8			
Total diCB	3210			
Total triCB	2810			
Total tetraCB	2400			
Total pentaCB	681			
Total hexaCB	239			
Total heptaCB	67.4			

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
Total octaCB	19.9			
Total nonaCB	4.92			
DecaCB	2.77			
Total PCB	9490			

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-LHAL-T170816141854 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 16-Aug-2017 9:36

Sample Data
Matrix: Water
Sample Size: 1.06 L

Laboratory Data
Lab Sample: 1701075-02 — Date Received: 17-Aug-2017 8:37
QC Batch: B8C0074 — Date Extracted: 13-Mar-2018 7:43
Date Analyzed : 15-Mar-18 14:54 Column: ZB-1

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-PCB-1	41.3	5 -145	
	13C-PCB-3	46.6	5 -145	
	13C-PCB-4	51.6	5 -145	
	13C-PCB-11	63.7	5 -145	
	13C-PCB-9	54.3	5 -145	
	13C-PCB-19	71.9	5 -145	
	13C-PCB-28	80.2	5 -145	
	13C-PCB-32	80.2	5 -145	
	13C-PCB-37	83.7	5 -145	
	13C-PCB-47	73.0	5 -145	
	13C-PCB-52	74.2	5 -145	
	13C-PCB-54	69.4	5 -145	
	13C-PCB-70	79.8	5 -145	
	13C-PCB-77	82.4	10 -145	
	13C-PCB-80	81.3	10 -145	
	13C-PCB-81	82.5	10 -145	
	13C-PCB-95	77.6	10 -145	
	13C-PCB-97	82.4	10 -145	
	13C-PCB-101	81.5	10 -145	
	13C-PCB-104	72.3	10 -145	
	13C-PCB-105	74.2	10 -145	
	13C-PCB-114	73.0	10 -145	
	13C-PCB-118	83.6	10 -145	
	13C-PCB-123	83.6	10 -145	
	13C-PCB-126	74.3	10 -145	
	13C-PCB-127	74.4	10 -145	
	13C-PCB-138	81.9	10 -145	
	13C-PCB-141	81.2	10 -145	
	13C-PCB-153	80.1	10 -145	
	13C-PCB-155	101	10 -145	
	13C-PCB-156	81.0	10 -145	
	13C-PCB-157	81.8	10 -145	
	13C-PCB-159	82.6	10 -145	
	13C-PCB-167	82.7	10 -145	
	13C-PCB-169	76.7	10 -145	
	13C-PCB-170	85.2	10 -145	
	13C-PCB-180	85.6	10 -145	
	13C-PCB-188	80.8	10 -145	
	13C-PCB-189	81.1	10 -145	
	13C-PCB-194	83.5	10 -145	
	13C-PCB-202	103	10 -145	
	13C-PCB-206	91.0	10 -145	
	13C-PCB-208	85.4	10 -145	
	13C-PCB-209	104	10 -145	
CRS	13C-PCB-79	86.6	10 -145	
	13C-PCB-178	91.1	10 -145	

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

Sample ID: OWS-LHPO-T170816142041 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 16-Aug-2017 11:44

Sample Data
Matrix: Water
Sample Size: 1.00 L

Laboratory Data
Lab Sample: 1701075-03 — Date Received: 17-Aug-2017 8:37
QC Batch: B8C0074 — Date Extracted: 13-Mar-2018 7:43
Date Analyzed : 15-Mar-18 16:00 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-1	72.7	4.98		
PCB-2	22.3	4.98		
PCB-3	25.2	4.98		
PCB-4/10	695	9.96		
PCB-5/8	144	9.96		
PCB-6	56.7	4.98		
PCB-7/9	ND	9.96	9.11	U
PCB-11	18.0	4.98		
PCB-12/13	41.3	9.96		
PCB-14	ND	4.98	1.38	U
PCB-15	241	4.98		
PCB-16/32	187	9.96		
PCB-17	382	4.98		
PCB-18	486	4.98		
PCB-19	262	4.98		
PCB-20/21/33	54.2	14.9		
PCB-22	49.4	4.98		
PCB-23	ND	4.98	1.36	U
PCB-24/27	173	9.96		
PCB-25	71.3	4.98		
PCB-26	158	4.98		
PCB-28	373	4.98		
PCB-29	1.08	4.98		J
PCB-30	ND	4.98	0.790	U
PCB-31	396	4.98		
PCB-34	6.21	4.98		
PCB-35	4.98	4.98		
PCB-36	ND	4.98	0.896	UM
PCB-37	83.2	4.98		
PCB-38	3.17	4.98		J
PCB-39	3.17	4.98		J
PCB-40	69.3	4.98		
PCB-41/64/71/72	258	19.9		
PCB-42/59	91.8	9.96		
PCB-43/49	446	9.96		

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-44	162	4.98		B
PCB-45	80.4	4.98		
PCB-46	52.3	4.98		
PCB-47	236	4.98		B
PCB-48/75	37.8	9.96		
PCB-50	3.45	4.98		J
PCB-51	22.2	4.98		
PCB-52/69	252	9.96		B
PCB-53	150	4.98		
PCB-54	7.24	4.98		
PCB-55	2.63	4.98		J
PCB-56/60	72.4	9.96		B
PCB-57	3.06	4.98		J
PCB-58	1.55	4.98		J
PCB-61/70	137	9.96		
PCB-62	ND	4.98	1.05	U
PCB-63	15.4	4.98		
PCB-65	ND	4.98	0.496	UM
PCB-66/76	115	9.96		B
PCB-67	6.72	4.98		
PCB-68	6.35	4.98		
PCB-73	5.88	4.98		
PCB-74	65.0	4.98		
PCB-77	18.9	4.98		
PCB-78	ND	4.98	0.926	U
PCB-79	1.36	4.98		J
PCB-80	ND	4.98	0.825	U
PCB-81	ND	4.98	1.11	U
PCB-82	9.30	4.98		
PCB-83	ND	4.98	0.894	U
PCB-84/92	83.2	9.96		
PCB-85/116	14.5	9.96		
PCB-86	ND	4.98	1.45	U
PCB-87/117/125	24.7	14.9		
PCB-88/91	48.8	4.98		

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-LHPO-T170816142041 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 16-Aug-2017 11:44

Sample Data
Matrix: Water
Sample Size: 1.00 L

Laboratory Data
Lab Sample: 1701075-03 — Date Received: 17-Aug-2017 8:37
QC Batch: B8C0074 — Date Extracted: 13-Mar-2018 7:43
Date Analyzed : 15-Mar-18 16:00 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-89	1.41	4.98		J
PCB-90/101	96.7	9.96		
PCB-93	ND	4.98	1.57	U
PCB-94	5.36	4.98		
PCB-95/98/102	126	14.9		B
PCB-96	4.22	4.98		J
PCB-97	30.5	4.98		
PCB-99	54.5	4.98		
PCB-100	4.49	4.98		J
PCB-103	5.23	4.98		
PCB-104	ND	4.98	1.10	U
PCB-105	23.2	4.98		
PCB-106/118	56.5	9.96		
PCB-107/109	7.15	9.96		J
PCB-108/112	9.86	9.96		J
PCB-110	110	4.98		B
PCB-111/115	0.951	9.96		J
PCB-113	1.23	4.98		J
PCB-114	1.36	4.98		J
PCB-119	6.28	4.98		
PCB-120	0.712	4.98		J
PCB-121	ND	4.98	0.867	U
PCB-122	ND	4.98	1.29	U
PCB-123	1.27	4.98		J
PCB-124	1.98	4.98		J
PCB-126	ND	4.98	1.25	U
PCB-127	ND	4.98	1.16	U
PCB-128/162	8.78	9.96		J
PCB-129	2.67	4.98		J
PCB-130	5.78	4.98		
PCB-131/133	3.34	9.96		J
PCB-132/161	18.3	9.96		
PCB-134/143	5.63	9.96		J
PCB-135	12.4	4.98		
PCB-136	13.0	4.98		

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-137	ND	4.98	2.07	UM
PCB-138/163/164	57.0	14.9		
PCB-139/149	57.2	9.96		
PCB-140	1.08	4.98		J
PCB-141	7.25	4.98		
PCB-142	ND	4.98	1.60	U
PCB-144	2.14	4.98		J
PCB-145	ND	4.98	0.716	U
PCB-146/165	12.9	9.96		
PCB-147	4.48	4.98		J
PCB-148	ND	4.98	1.04	U
PCB-150	0.777	4.98		J
PCB-151	17.0	4.98		
PCB-152	ND	4.98	0.698	U
PCB-153	51.4	4.98		
PCB-154	2.98	4.98		J
PCB-155	ND	4.98	0.818	U
PCB-156	4.45	4.98		J
PCB-157	1.20	4.98		J
PCB-158/160	4.44	9.96		J
PCB-159	ND	4.98	0.971	U
PCB-166	ND	4.98	0.998	U
PCB-167	1.72	4.98		J
PCB-168	ND	4.98	1.05	U
PCB-169	ND	4.98	1.11	U
PCB-170	9.00	4.98		
PCB-171	2.24	4.98		J
PCB-172	ND	4.98	1.66	UM
PCB-173	ND	4.98	0.825	U
PCB-174	8.39	4.98		
PCB-175	ND	4.98	0.722	U
PCB-176	1.65	4.98		J
PCB-177	6.36	4.98		
PCB-178	ND	4.98	3.29	UM
PCB-179	5.86	4.98		

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-LHPO-T170816142041 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 16-Aug-2017 11:44

Sample Data
Matrix: Water
Sample Size: 1.00 L

Laboratory Data
Lab Sample: 1701075-03 — Date Received: 17-Aug-2017 8:37
QC Batch: B8C0074 — Date Extracted: 13-Mar-2018 7:43
Date Analyzed : 15-Mar-18 16:00 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-180	18.2	4.98		
PCB-181	ND	4.98	0.709	U
PCB-182/187	15.9	9.96		
PCB-183	4.80	4.98		J
PCB-184	ND	4.98	0.546	U
PCB-185	ND	4.98	0.772	U
PCB-186	ND	4.98	0.507	U
PCB-188	ND	4.98	0.525	U
PCB-189	ND	4.98	0.552	U
PCB-190	2.44	4.98		J
PCB-191	ND	4.98	0.601	U
PCB-192	ND	4.98	0.580	U
PCB-193	1.56	4.98		J
PCB-194	4.63	4.98		J
PCB-195	ND	4.98	1.51	UM
PCB-196/203	7.09	9.96		J
PCB-197	ND	4.98	0.726	U
PCB-198	ND	4.98	0.950	U
PCB-199	8.19	4.98		
PCB-200	0.981	4.98		J
PCB-201	0.954	4.98		J
PCB-202	2.62	4.98		J
PCB-204	ND	4.98	0.745	U
PCB-205	ND	4.98	0.648	U
PCB-206	6.15	4.98		
PCB-207	1.25	4.98		J
PCB-208	3.36	4.98		J
PCB-209	6.14	4.98		
Total monoCB	120			
Total diCB	1200			
Total triCB	2690			
Total tetraCB	2320			
Total pentaCB	729			
Total hexaCB	296			
Total heptaCB	76.5			

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
Total octaCB	24.5			
Total nonaCB	10.8			
DecaCB	6.14			
Total PCB	7470			

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-LHPO-T170816142041 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 16-Aug-2017 11:44

Sample Data
Matrix: Water
Sample Size: 1.00 L

Laboratory Data
Lab Sample: 1701075-03 — Date Received: 17-Aug-2017 8:37
QC Batch: B8C0074 — Date Extracted: 13-Mar-2018 7:43
Date Analyzed : 15-Mar-18 16:00 Column: ZB-1

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-PCB-1	70.9	5 -145	
	13C-PCB-3	70.6	5 -145	
	13C-PCB-4	77.6	5 -145	
	13C-PCB-11	79.8	5 -145	
	13C-PCB-9	77.4	5 -145	
	13C-PCB-19	97.1	5 -145	
	13C-PCB-28	84.8	5 -145	
	13C-PCB-32	96.3	5 -145	
	13C-PCB-37	88.9	5 -145	
	13C-PCB-47	84.6	5 -145	
	13C-PCB-52	81.5	5 -145	
	13C-PCB-54	85.8	5 -145	
	13C-PCB-70	85.3	5 -145	
	13C-PCB-77	88.3	10 -145	
	13C-PCB-80	87.6	10 -145	
	13C-PCB-81	88.0	10 -145	
	13C-PCB-95	86.5	10 -145	
	13C-PCB-97	91.2	10 -145	
	13C-PCB-101	90.2	10 -145	
	13C-PCB-104	83.7	10 -145	
	13C-PCB-105	81.9	10 -145	
	13C-PCB-114	81.8	10 -145	
	13C-PCB-118	92.3	10 -145	
	13C-PCB-123	92.7	10 -145	
	13C-PCB-126	80.9	10 -145	
	13C-PCB-127	82.1	10 -145	
	13C-PCB-138	90.5	10 -145	
	13C-PCB-141	90.3	10 -145	
	13C-PCB-153	89.0	10 -145	
	13C-PCB-155	114	10 -145	
	13C-PCB-156	89.1	10 -145	
	13C-PCB-157	90.9	10 -145	
	13C-PCB-159	90.8	10 -145	
	13C-PCB-167	91.2	10 -145	
	13C-PCB-169	86.4	10 -145	
	13C-PCB-170	94.0	10 -145	
	13C-PCB-180	94.6	10 -145	
	13C-PCB-188	90.6	10 -145	
	13C-PCB-189	90.5	10 -145	
	13C-PCB-194	94.1	10 -145	
	13C-PCB-202	115	10 -145	
	13C-PCB-206	101	10 -145	
	13C-PCB-208	96.3	10 -145	
	13C-PCB-209	118	10 -145	
CRS	13C-PCB-79	99.7	10 -145	
	13C-PCB-178	102	10 -145	

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

Sample ID: OWS-ROIS-T170815152200 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 15-Aug-2017 14:18

Sample Data
Matrix: Water
Sample Size: 0.992 L

Laboratory Data
Lab Sample: 1701075-04 — Date Received: 17-Aug-2017 8:37
QC Batch: B8C0074 — Date Extracted: 13-Mar-2018 7:43
Date Analyzed : 15-Mar-18 17:05 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-1	ND	5.04	0.869	U
PCB-2	ND	5.04	1.24	U
PCB-3	ND	5.04	1.24	U
PCB-4/10	110	10.1		
PCB-5/8	ND	10.1	4.59	U
PCB-6	ND	5.04	3.17	U
PCB-7/9	ND	10.1	1.73	U
PCB-11	6.72	5.04		
PCB-12/13	ND	10.1	1.63	U
PCB-14	ND	5.04	1.61	U
PCB-15	14.1	5.04		
PCB-16/32	55.1	10.1		
PCB-17	12.4	5.04		
PCB-18	41.1	5.04		
PCB-19	58.1	5.04		
PCB-20/21/33	2.34	15.1		J
PCB-22	ND	5.04	3.32	UM
PCB-23	ND	5.04	1.18	U
PCB-24/27	18.3	10.1		
PCB-25	1.87	5.04		J
PCB-26	6.82	5.04		
PCB-28	29.0	5.04		
PCB-29	ND	5.04	1.17	U
PCB-30	ND	5.04	0.728	U
PCB-31	11.3	5.04		
PCB-34	ND	5.04	1.17	U
PCB-35	ND	5.04	1.09	U
PCB-36	ND	5.04	1.06	U
PCB-37	7.12	5.04		
PCB-38	ND	5.04	1.11	U
PCB-39	ND	5.04	1.14	U
PCB-40	15.1	5.04		
PCB-41/64/71/72	52.8	20.2		
PCB-42/59	21.0	10.1		
PCB-43/49	37.4	10.1		
PCB-44	55.7	5.04		B
PCB-45	18.6	5.04		
PCB-46	8.42	5.04		
PCB-47	32.3	5.04		B
PCB-48/75	7.41	10.1		J
PCB-50	ND	5.04	1.17	U
PCB-51	8.44	5.04		
PCB-52/69	53.4	10.1		B
PCB-53	18.7	5.04		
PCB-54	1.07	5.04		J
PCB-55	ND	5.04	0.839	U
PCB-56/60	19.4	10.1		B
PCB-57	ND	5.04	0.867	U
PCB-58	ND	5.04	0.871	U
PCB-61/70	19.0	10.1		
PCB-62	ND	5.04	1.09	U
PCB-63	1.97	5.04		J
PCB-65	ND	5.04	0.937	U
PCB-66/76	22.6	10.1		B
PCB-67	1.22	5.04		J
PCB-68	ND	5.04	2.86	UM
PCB-73	ND	5.04	0.415	UM
PCB-74	12.7	5.04		
PCB-77	ND	5.04	1.87	UM
PCB-78	ND	5.04	0.980	U
PCB-79	ND	5.04	0.832	U
PCB-80	ND	5.04	0.815	U
PCB-81	ND	5.04	1.12	U
PCB-82	3.56	5.04		J
PCB-83	ND	5.04	0.909	U
PCB-84/92	10.7	10.1		
PCB-85/116	3.83	10.1		J
PCB-86	ND	5.04	1.47	U
PCB-87/117/125	6.16	15.1		J
PCB-88/91	4.41	5.04		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-ROIS-T170815152200 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 15-Aug-2017 14:18

Sample Data
Matrix: Water
Sample Size: 0.992 L

Laboratory Data
Lab Sample: 1701075-04 — Date Received: 17-Aug-2017 8:37
QC Batch: B8C0074 — Date Extracted: 13-Mar-2018 7:43
Date Analyzed : 15-Mar-18 17:05 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-89	ND	5.04	1.38	U
PCB-90/101	17.0	10.1		
PCB-93	ND	5.04	1.58	U
PCB-94	ND	5.04	1.60	U
PCB-95/98/102	18.7	15.1		B
PCB-96	ND	5.04	0.705	UM
PCB-97	6.29	5.04		
PCB-99	7.74	5.04		
PCB-100	ND	5.04	1.25	U
PCB-103	ND	5.04	1.27	U
PCB-104	ND	5.04	1.07	U
PCB-105	5.92	5.04		
PCB-106/118	10.0	10.1		J
PCB-107/109	0.745	10.1		J
PCB-108/112	ND	10.1	0.822	UM
PCB-110	17.0	5.04		B
PCB-111/115	ND	10.1	0.889	U
PCB-113	ND	5.04	0.996	U
PCB-114	ND	5.04	1.13	U
PCB-119	0.419	5.04		J
PCB-120	ND	5.04	0.804	U
PCB-121	ND	5.04	0.871	U
PCB-122	ND	5.04	1.22	U
PCB-123	ND	5.04	1.07	U
PCB-124	ND	5.04	1.16	U
PCB-126	ND	5.04	1.20	U
PCB-127	ND	5.04	1.12	U
PCB-128/162	1.61	10.1		J
PCB-129	ND	5.04	1.46	U
PCB-130	1.15	5.04		J
PCB-131/133	ND	10.1	1.21	U
PCB-132/161	2.69	10.1		J
PCB-134/143	0.506	10.1		J
PCB-135	1.11	5.04		J
PCB-136	ND	5.04	1.25	UM

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-137	0.450	5.04		J
PCB-138/163/164	8.09	15.1		J
PCB-139/149	6.03	10.1		J
PCB-140	ND	5.04	1.12	U
PCB-141	1.50	5.04		J
PCB-142	ND	5.04	1.35	U
PCB-144	ND	5.04	1.13	U
PCB-145	ND	5.04	0.765	U
PCB-146/165	1.23	10.1		J
PCB-147	ND	5.04	1.07	U
PCB-148	ND	5.04	1.12	U
PCB-150	ND	5.04	0.843	U
PCB-151	2.03	5.04		J
PCB-152	ND	5.04	0.747	U
PCB-153	7.07	5.04		
PCB-154	ND	5.04	0.987	U
PCB-155	ND	5.04	0.875	U
PCB-156	0.860	5.04		J
PCB-157	ND	5.04	1.05	U
PCB-158/160	0.730	10.1		J
PCB-159	ND	5.04	0.867	U
PCB-166	ND	5.04	0.891	U
PCB-167	ND	5.04	0.969	U
PCB-168	ND	5.04	0.884	U
PCB-169	ND	5.04	0.989	U
PCB-170	1.33	5.04		J
PCB-171	ND	5.04	0.777	U
PCB-172	ND	5.04	0.768	U
PCB-173	ND	5.04	0.840	U
PCB-174	1.45	5.04		J
PCB-175	ND	5.04	0.732	U
PCB-176	ND	5.04	0.558	U
PCB-177	0.896	5.04		J
PCB-178	ND	5.04	0.754	U
PCB-179	ND	5.04	0.693	UM

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-ROIS-T170815152200 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 15-Aug-2017 14:18

Sample Data
Matrix: Water
Sample Size: 0.992 L

Laboratory Data
Lab Sample: 1701075-04 — Date Received: 17-Aug-2017 8:37
QC Batch: B8C0074 — Date Extracted: 13-Mar-2018 7:43
Date Analyzed : 15-Mar-18 17:05 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-180	2.14	5.04		J
PCB-181	ND	5.04	0.722	U
PCB-182/187	ND	10.1	1.37	UM
PCB-183	ND	5.04	0.785	UM
PCB-184	ND	5.04	0.554	U
PCB-185	ND	5.04	0.786	U
PCB-186	ND	5.04	0.515	U
PCB-188	ND	5.04	0.532	U
PCB-189	ND	5.04	0.881	U
PCB-190	ND	5.04	0.949	U
PCB-191	ND	5.04	0.612	U
PCB-192	ND	5.04	0.590	U
PCB-193	ND	5.04	0.622	U
PCB-194	1.50	5.04		J
PCB-195	ND	5.04	1.02	U
PCB-196/203	ND	10.1	0.566	UM
PCB-197	ND	5.04	0.887	U
PCB-198	ND	5.04	1.16	U
PCB-199	ND	5.04	0.688	UM
PCB-200	ND	5.04	0.935	U
PCB-201	ND	5.04	0.997	U
PCB-202	ND	5.04	0.919	U
PCB-204	ND	5.04	0.910	U
PCB-205	ND	5.04	0.796	U
PCB-206	ND	5.04	0.927	U
PCB-207	ND	5.04	0.697	U
PCB-208	ND	5.04	0.691	U
PCB-209	ND	5.04	0.862	U
Total monoCB	ND		1.24	U
Total diCB	131			
Total triCB	243			
Total tetraCB	407			
Total pentaCB	112			
Total hexaCB	35.1			
Total heptaCB	5.81			

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
Total octaCB	1.50			
Total nonaCB	ND		0.927	U
DecaCB	ND		0.862	U
Total PCB	936			

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-ROIS-T170815152200 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 15-Aug-2017 14:18

Sample Data
Matrix: Water
Sample Size: 0.992 L

Laboratory Data
Lab Sample: 1701075-04 — Date Received: 17-Aug-2017 8:37
QC Batch: B8C0074 — Date Extracted: 13-Mar-2018 7:43
Date Analyzed : 15-Mar-18 17:05 Column: ZB-1

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-PCB-1	62.8	5 -145	
	13C-PCB-3	64.4	5 -145	
	13C-PCB-4	70.0	5 -145	
	13C-PCB-11	77.9	5 -145	
	13C-PCB-9	71.6	5 -145	
	13C-PCB-19	89.1	5 -145	
	13C-PCB-28	79.8	5 -145	
	13C-PCB-32	94.2	5 -145	
	13C-PCB-37	82.6	5 -145	
	13C-PCB-47	82.8	5 -145	
	13C-PCB-52	81.3	5 -145	
	13C-PCB-54	83.7	5 -145	
	13C-PCB-70	87.7	5 -145	
	13C-PCB-77	85.4	10 -145	
	13C-PCB-80	88.5	10 -145	
	13C-PCB-81	85.8	10 -145	
	13C-PCB-95	86.2	10 -145	
	13C-PCB-97	90.9	10 -145	
	13C-PCB-101	88.7	10 -145	
	13C-PCB-104	82.6	10 -145	
	13C-PCB-105	79.8	10 -145	
	13C-PCB-114	78.9	10 -145	
	13C-PCB-118	90.9	10 -145	
	13C-PCB-123	91.5	10 -145	
	13C-PCB-126	77.5	10 -145	
	13C-PCB-127	79.5	10 -145	
	13C-PCB-138	87.4	10 -145	
	13C-PCB-141	87.6	10 -145	
	13C-PCB-153	86.8	10 -145	
	13C-PCB-155	113	10 -145	
	13C-PCB-156	85.1	10 -145	
	13C-PCB-157	86.5	10 -145	
	13C-PCB-159	87.6	10 -145	
	13C-PCB-167	87.1	10 -145	
	13C-PCB-169	81.7	10 -145	
	13C-PCB-170	90.0	10 -145	
	13C-PCB-180	90.7	10 -145	
	13C-PCB-188	89.4	10 -145	
	13C-PCB-189	87.7	10 -145	
	13C-PCB-194	88.9	10 -145	
	13C-PCB-202	111	10 -145	
	13C-PCB-206	96.5	10 -145	
	13C-PCB-208	92.9	10 -145	
	13C-PCB-209	116	10 -145	
CRS	13C-PCB-79	94.2	10 -145	
	13C-PCB-178	102	10 -145	

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

Sample ID: OWS-SCHU-T170815151603 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 15-Aug-2017 11:40

Sample Data
Matrix: Water
Sample Size: 1.01 L

Laboratory Data
Lab Sample: 1701075-05 — Date Received: 17-Aug-2017 8:37
QC Batch: B8C0074 — Date Extracted: 13-Mar-2018 7:43
Date Analyzed : 15-Mar-18 18:10 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-1	52.7	4.96		
PCB-2	0.865	4.96		J
PCB-3	11.4	4.96		
PCB-4/10	4630	9.92		
PCB-5/8	41.1	9.92		
PCB-6	10.7	4.96		
PCB-7/9	ND	9.92	3.55	U
PCB-11	8.31	4.96		
PCB-12/13	10.1	9.92		
PCB-14	ND	4.96	0.982	U
PCB-15	160	4.96		
PCB-16/32	447	9.92		
PCB-17	196	4.96		
PCB-18	297	4.96		
PCB-19	1700	4.96		
PCB-20/21/33	14.7	14.9		J
PCB-22	18.0	4.96		
PCB-23	12.2	4.96		
PCB-24/27	584	9.92		
PCB-25	33.9	4.96		
PCB-26	143	4.96		
PCB-28	197	4.96		
PCB-29	ND	4.96	1.31	U
PCB-30	1.07	4.96		J
PCB-31	203	4.96		
PCB-34	12.1	4.96		
PCB-35	1.88	4.96		J
PCB-36	ND	4.96	0.848	U
PCB-37	45.0	4.96		
PCB-38	3.90	4.96		J
PCB-39	4.66	4.96		J
PCB-40	58.9	4.96		
PCB-41/64/71/72	318	19.8		
PCB-42/59	119	9.92		
PCB-43/49	324	9.92		
PCB-44	230	4.96		B
PCB-45	96.3	4.96		
PCB-46	35.5	4.96		
PCB-47	291	4.96		B
PCB-48/75	35.1	9.92		
PCB-50	6.37	4.96		
PCB-51	59.4	4.96		
PCB-52/69	466	9.92		B
PCB-53	282	4.96		
PCB-54	35.5	4.96		
PCB-55	2.57	4.96		J
PCB-56/60	89.0	9.92		B
PCB-57	3.91	4.96		J
PCB-58	1.08	4.96		J
PCB-61/70	112	9.92		
PCB-62	ND	4.96	1.14	U
PCB-63	22.8	4.96		
PCB-65	2.09	4.96		J
PCB-66/76	122	9.92		B
PCB-67	7.47	4.96		
PCB-68	11.1	4.96		
PCB-73	13.9	4.96		
PCB-74	76.7	4.96		
PCB-77	11.1	4.96		
PCB-78	ND	4.96	0.956	U
PCB-79	ND	4.96	1.03	UM
PCB-80	ND	4.96	0.867	U
PCB-81	ND	4.96	1.09	U
PCB-82	13.9	4.96		
PCB-83	ND	4.96	0.962	U
PCB-84/92	87.3	9.92		
PCB-85/116	22.4	9.92		
PCB-86	1.15	4.96		J
PCB-87/117/125	39.2	14.9		
PCB-88/91	49.3	4.96		

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-T170815151603 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 15-Aug-2017 11:40

Sample Data
Matrix: Water
Sample Size: 1.01 L

Laboratory Data
Lab Sample: 1701075-05 — Date Received: 17-Aug-2017 8:37
QC Batch: B8C0074 — Date Extracted: 13-Mar-2018 7:43
Date Analyzed : 15-Mar-18 18:10 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-89	2.40	4.96		J
PCB-90/101	83.4	9.92		
PCB-93	ND	4.96	1.58	U
PCB-94	11.5	4.96		
PCB-95/98/102	141	14.9		B
PCB-96	7.38	4.96		
PCB-97	28.7	4.96		
PCB-99	50.6	4.96		
PCB-100	6.30	4.96		
PCB-103	6.47	4.96		
PCB-104	ND	4.96	0.625	U
PCB-105	28.3	4.96		
PCB-106/118	56.7	9.92		
PCB-107/109	6.78	9.92		J
PCB-108/112	10.4	9.92		
PCB-110	107	4.96		B
PCB-111/115	1.50	9.92		J
PCB-113	ND	4.96	0.740	UM
PCB-114	2.29	4.96		J
PCB-119	4.90	4.96		J
PCB-120	ND	4.96	1.08	U
PCB-121	ND	4.96	0.869	U
PCB-122	1.07	4.96		J
PCB-123	1.88	4.96		J
PCB-124	2.89	4.96		J
PCB-126	ND	4.96	1.38	U
PCB-127	ND	4.96	1.24	U
PCB-128/162	8.34	9.92		J
PCB-129	ND	4.96	2.21	UM
PCB-130	4.83	4.96		J
PCB-131/133	3.96	9.92		J
PCB-132/161	14.9	9.92		
PCB-134/143	6.62	9.92		J
PCB-135	11.4	4.96		
PCB-136	12.8	4.96		

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-137	2.06	4.96		J
PCB-138/163/164	47.8	14.9		
PCB-139/149	33.0	9.92		
PCB-140	ND	4.96	1.14	U
PCB-141	ND	4.96	3.67	UM
PCB-142	ND	4.96	1.61	U
PCB-144	1.20	4.96		J
PCB-145	ND	4.96	0.776	U
PCB-146/165	9.99	9.92		
PCB-147	4.22	4.96		J
PCB-148	0.553	4.96		J
PCB-150	ND	4.96	0.854	U
PCB-151	21.7	4.96		
PCB-152	0.656	4.96		J
PCB-153	32.5	4.96		
PCB-154	2.96	4.96		J
PCB-155	ND	4.96	0.887	U
PCB-156	3.71	4.96		J
PCB-157	0.880	4.96		J
PCB-158/160	3.99	9.92		J
PCB-159	ND	4.96	0.982	U
PCB-166	ND	4.96	1.01	U
PCB-167	1.91	4.96		J
PCB-168	ND	4.96	1.06	U
PCB-169	ND	4.96	1.09	U
PCB-170	5.28	4.96		
PCB-171	1.85	4.96		J
PCB-172	1.56	4.96		J
PCB-173	ND	4.96	0.827	U
PCB-174	5.77	4.96		
PCB-175	ND	4.96	0.754	U
PCB-176	ND	4.96	0.582	UM
PCB-177	5.36	4.96		
PCB-178	5.48	4.96		
PCB-179	ND	5.17	5.17	UM

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-T170815151603 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 15-Aug-2017 11:40

Sample Data
Matrix: Water
Sample Size: 1.01 L

Laboratory Data
Lab Sample: 1701075-05 — Date Received: 17-Aug-2017 8:37
QC Batch: B8C0074 — Date Extracted: 13-Mar-2018 7:43
Date Analyzed : 15-Mar-18 18:10 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-180	10.4	4.96		
PCB-181	ND	4.96	0.711	U
PCB-182/187	12.8	9.92		
PCB-183	ND	4.96	2.12	UM
PCB-184	ND	4.96	0.571	U
PCB-185	ND	4.96	0.774	U
PCB-186	ND	4.96	0.530	U
PCB-188	ND	4.96	0.548	U
PCB-189	ND	4.96	0.551	U
PCB-190	1.32	4.96		J
PCB-191	ND	4.96	0.603	U
PCB-192	ND	4.96	0.581	U
PCB-193	ND	4.96	0.746	UM
PCB-194	ND	4.96	2.82	UM
PCB-195	1.17	4.96		J
PCB-196/203	4.07	9.92		J
PCB-197	ND	4.96	0.855	U
PCB-198	ND	4.96	1.12	U
PCB-199	5.32	4.96		
PCB-200	ND	4.96	0.901	U
PCB-201	ND	4.96	0.585	UM
PCB-202	1.95	4.96		J
PCB-204	ND	4.96	0.876	U
PCB-205	ND	4.96	0.874	U
PCB-206	3.44	4.96		J
PCB-207	ND	4.96	0.458	UM
PCB-208	1.81	4.96		J
PCB-209	1.81	4.96		J
Total monoCB	65.0			
Total diCB	4860			
Total triCB	3910			
Total tetraCB	2830			
Total pentaCB	774			
Total hexaCB	230			
Total heptaCB	49.9			

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
Total octaCB	12.5			
Total nonaCB	5.26			
DecaCB	1.81			
Total PCB	12700			

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-T170815151603 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 15-Aug-2017 11:40

Sample Data
Matrix: Water
Sample Size: 1.01 L

Laboratory Data
Lab Sample: 1701075-05 — Date Received: 17-Aug-2017 8:37
QC Batch: B8C0074 — Date Extracted: 13-Mar-2018 7:43
Date Analyzed : 15-Mar-18 18:10 Column: ZB-1

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-PCB-1	61.2	5 -145	
	13C-PCB-3	62.1	5 -145	
	13C-PCB-4	66.1	5 -145	
	13C-PCB-11	74.0	5 -145	
	13C-PCB-9	67.8	5 -145	
	13C-PCB-19	85.7	5 -145	
	13C-PCB-28	85.5	5 -145	
	13C-PCB-32	91.1	5 -145	
	13C-PCB-37	85.1	5 -145	
	13C-PCB-47	78.2	5 -145	
	13C-PCB-52	80.5	5 -145	
	13C-PCB-54	79.5	5 -145	
	13C-PCB-70	83.0	5 -145	
	13C-PCB-77	81.1	10 -145	
	13C-PCB-80	84.1	10 -145	
	13C-PCB-81	84.9	10 -145	
	13C-PCB-95	83.3	10 -145	
	13C-PCB-97	86.8	10 -145	
	13C-PCB-101	84.6	10 -145	
	13C-PCB-104	80.3	10 -145	
	13C-PCB-105	78.6	10 -145	
	13C-PCB-114	76.7	10 -145	
	13C-PCB-118	85.8	10 -145	
	13C-PCB-123	86.8	10 -145	
	13C-PCB-126	75.5	10 -145	
	13C-PCB-127	77.9	10 -145	
	13C-PCB-138	84.2	10 -145	
	13C-PCB-141	85.1	10 -145	
	13C-PCB-153	83.3	10 -145	
	13C-PCB-155	108	10 -145	
	13C-PCB-156	83.9	10 -145	
	13C-PCB-157	84.4	10 -145	
	13C-PCB-159	84.0	10 -145	
	13C-PCB-167	84.4	10 -145	
	13C-PCB-169	80.7	10 -145	
	13C-PCB-170	88.6	10 -145	
	13C-PCB-180	89.4	10 -145	
	13C-PCB-188	85.3	10 -145	
	13C-PCB-189	86.4	10 -145	
	13C-PCB-194	88.0	10 -145	
	13C-PCB-202	108	10 -145	
	13C-PCB-206	95.6	10 -145	
	13C-PCB-208	91.0	10 -145	
	13C-PCB-209	113	10 -145	
CRS	13C-PCB-79	93.8	10 -145	
	13C-PCB-178	98.0	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-T170815151728 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 15-Aug-2017 12:35

Sample Data
Matrix: Water
Sample Size: 1.04 L

Laboratory Data
Lab Sample: 1701075-06 — Date Received: 17-Aug-2017 8:37
QC Batch: B8C0074 — Date Extracted: 13-Mar-2018 7:43
Date Analyzed : 15-Mar-18 19:15 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-1	131	4.81		
PCB-2	1.38	4.81		J
PCB-3	25.7	4.81		
PCB-4/10	4080	9.63		
PCB-5/8	132	9.63		
PCB-6	43.5	4.81		
PCB-7/9	11.3	9.63		
PCB-11	10.7	4.81		
PCB-12/13	18.3	9.63		
PCB-14	ND	4.81	1.10	U
PCB-15	158	4.81		
PCB-16/32	447	9.63		
PCB-17	216	4.81		
PCB-18	297	4.81		
PCB-19	2010	4.81		
PCB-20/21/33	33.2	14.4		
PCB-22	36.7	4.81		
PCB-23	ND	4.81	0.871	UM
PCB-24/27	764	9.63		
PCB-25	45.4	4.81		
PCB-26	218	4.81		
PCB-28	188	4.81		
PCB-29	ND	4.81	1.21	U
PCB-30	1.38	4.81		J
PCB-31	318	4.81		
PCB-34	30.0	4.81		
PCB-35	1.69	4.81		J
PCB-36	2.17	4.81		J
PCB-37	44.5	4.81		
PCB-38	5.85	4.81		
PCB-39	7.31	4.81		
PCB-40	49.9	4.81		
PCB-41/64/71/72	312	19.3		
PCB-42/59	124	9.63		
PCB-43/49	448	9.63		
PCB-44	214	4.81		B
PCB-45	94.1	4.81		
PCB-46	36.4	4.81		
PCB-47	416	4.81		B
PCB-48/75	36.5	9.63		
PCB-50	9.78	4.81		
PCB-51	92.2	4.81		
PCB-52/69	575	9.63		B
PCB-53	392	4.81		
PCB-54	47.3	4.81		
PCB-55	2.46	4.81		J
PCB-56/60	84.0	9.63		B
PCB-57	6.78	4.81		
PCB-58	ND	4.81	0.981	U
PCB-61/70	98.1	9.63		
PCB-62	ND	4.81	0.957	U
PCB-63	32.5	4.81		
PCB-65	2.62	4.81		J
PCB-66/76	113	9.63		B
PCB-67	7.52	4.81		
PCB-68	25.5	4.81		
PCB-73	21.9	4.81		
PCB-74	75.9	4.81		
PCB-77	12.0	4.81		
PCB-78	ND	4.81	0.832	U
PCB-79	1.08	4.81		J
PCB-80	ND	4.81	0.736	U
PCB-81	ND	4.81	1.85	U
PCB-82	13.4	4.81		
PCB-83	ND	4.81	0.868	U
PCB-84/92	106	9.63		
PCB-85/116	21.6	9.63		
PCB-86	0.947	4.81		J
PCB-87/117/125	41.7	14.4		
PCB-88/91	51.6	4.81		

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-T170815151728 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 15-Aug-2017 12:35

Sample Data
Matrix: Water
Sample Size: 1.04 L

Laboratory Data
Lab Sample: 1701075-06 — Date Received: 17-Aug-2017 8:37
QC Batch: B8C0074 — Date Extracted: 13-Mar-2018 7:43
Date Analyzed : 15-Mar-18 19:15 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-89	2.71	4.81		J
PCB-90/101	103	9.63		
PCB-93	ND	4.81	1.46	U
PCB-94	14.7	4.81		
PCB-95/98/102	158	14.4		B
PCB-96	8.48	4.81		
PCB-97	31.7	4.81		
PCB-99	52.9	4.81		
PCB-100	9.79	4.81		
PCB-103	10.6	4.81		
PCB-104	1.65	4.81		J
PCB-105	30.5	4.81		
PCB-106/118	61.0	9.63		
PCB-107/109	7.53	9.63		J
PCB-108/112	14.1	9.63		
PCB-110	123	4.81		B
PCB-111/115	2.00	9.63		J
PCB-113	2.33	4.81		J
PCB-114	2.85	4.81		J
PCB-119	6.69	4.81		
PCB-120	0.635	4.81		J
PCB-121	ND	4.81	0.806	U
PCB-122	ND	4.81	0.724	U
PCB-123	1.87	4.81		J
PCB-124	2.99	4.81		J
PCB-126	ND	4.81	1.11	U
PCB-127	ND	4.81	1.03	U
PCB-128/162	8.02	9.63		J
PCB-129	2.55	4.81		J
PCB-130	5.87	4.81		
PCB-131/133	4.93	9.63		J
PCB-132/161	18.3	9.63		
PCB-134/143	7.76	9.63		J
PCB-135	13.6	4.81		
PCB-136	15.4	4.81		

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-137	2.59	4.81		J
PCB-138/163/164	55.6	14.4		
PCB-139/149	42.6	9.63		
PCB-140	ND	4.81	0.815	UM
PCB-141	6.80	4.81		
PCB-142	ND	4.81	1.34	U
PCB-144	ND	4.81	1.45	UM
PCB-145	ND	4.81	0.735	U
PCB-146/165	11.2	9.63		
PCB-147	4.50	4.81		J
PCB-148	ND	4.81	1.07	U
PCB-150	ND	4.81	0.809	U
PCB-151	25.4	4.81		
PCB-152	ND	4.81	0.750	UM
PCB-153	38.4	4.81		
PCB-154	2.39	4.81		J
PCB-155	ND	4.81	0.840	U
PCB-156	4.34	4.81		J
PCB-157	1.35	4.81		J
PCB-158/160	4.58	9.63		J
PCB-159	ND	4.81	0.839	U
PCB-166	ND	4.81	0.862	U
PCB-167	1.59	4.81		J
PCB-168	ND	4.81	0.881	U
PCB-169	ND	4.81	0.916	U
PCB-170	5.66	4.81		
PCB-171	2.60	4.81		J
PCB-172	1.96	4.81		J
PCB-173	ND	4.81	0.826	U
PCB-174	6.53	4.81		
PCB-175	ND	4.81	0.770	U
PCB-176	1.66	4.81		J
PCB-177	6.03	4.81		
PCB-178	5.35	4.81		
PCB-179	5.79	4.81		

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-T170815151728 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 15-Aug-2017 12:35

Sample Data
Matrix: Water
Sample Size: 1.04 L

Laboratory Data
Lab Sample: 1701075-06 — Date Received: 17-Aug-2017 8:37
QC Batch: B8C0074 — Date Extracted: 13-Mar-2018 7:43
Date Analyzed : 15-Mar-18 19:15 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-180	11.3	4.81		
PCB-181	ND	4.81	0.710	U
PCB-182/187	12.5	9.63		
PCB-183	2.99	4.81		J
PCB-184	ND	4.81	0.583	U
PCB-185	ND	4.81	0.650	U
PCB-186	ND	4.81	0.541	U
PCB-188	ND	4.81	0.559	U
PCB-189	0.613	4.81		J
PCB-190	1.34	4.81		J
PCB-191	ND	4.81	0.603	U
PCB-192	ND	4.81	0.581	U
PCB-193	0.897	4.81		J
PCB-194	3.45	4.81		J
PCB-195	1.39	4.81		J
PCB-196/203	ND	9.63	3.15	UM
PCB-197	ND	4.81	0.800	U
PCB-198	ND	4.81	1.05	U
PCB-199	4.29	4.81		J
PCB-200	ND	4.81	0.843	U
PCB-201	ND	4.81	1.34	U
PCB-202	1.61	4.81		J
PCB-204	ND	4.81	0.820	U
PCB-205	ND	4.81	0.641	U
PCB-206	2.15	4.81		J
PCB-207	ND	4.81	0.534	U
PCB-208	1.07	4.81		J
PCB-209	0.812	4.81		J
Total monoCB	158			
Total diCB	4450			
Total triCB	4660			
Total tetraCB	3330			
Total pentaCB	885			
Total hexaCB	278			
Total heptaCB	65.2			

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
Total octaCB	10.7			
Total nonaCB	3.22			
DecaCB	0.812			
Total PCB	13800			

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-T170815151728 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 15-Aug-2017 12:35

Sample Data
Matrix: Water
Sample Size: 1.04 L

Laboratory Data
Lab Sample: 1701075-06 — Date Received: 17-Aug-2017 8:37
QC Batch: B8C0074 — Date Extracted: 13-Mar-2018 7:43
Date Analyzed : 15-Mar-18 19:15 Column: ZB-1

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-PCB-1	51.0	5 -145	
	13C-PCB-3	54.4	5 -145	
	13C-PCB-4	60.5	5 -145	
	13C-PCB-11	70.3	5 -145	
	13C-PCB-9	60.6	5 -145	
	13C-PCB-19	80.6	5 -145	
	13C-PCB-28	72.3	5 -145	
	13C-PCB-32	86.2	5 -145	
	13C-PCB-37	82.1	5 -145	
	13C-PCB-47	86.1	5 -145	
	13C-PCB-52	86.1	5 -145	
	13C-PCB-54	75.0	5 -145	
	13C-PCB-70	90.6	5 -145	
	13C-PCB-77	88.4	10 -145	
	13C-PCB-80	87.7	10 -145	
	13C-PCB-81	88.8	10 -145	
	13C-PCB-95	85.5	10 -145	
	13C-PCB-97	90.6	10 -145	
	13C-PCB-101	89.9	10 -145	
	13C-PCB-104	82.3	10 -145	
	13C-PCB-105	79.6	10 -145	
	13C-PCB-114	78.9	10 -145	
	13C-PCB-118	89.6	10 -145	
	13C-PCB-123	90.2	10 -145	
	13C-PCB-126	78.2	10 -145	
	13C-PCB-127	79.4	10 -145	
	13C-PCB-138	87.4	10 -145	
	13C-PCB-141	86.6	10 -145	
	13C-PCB-153	84.9	10 -145	
	13C-PCB-155	110	10 -145	
	13C-PCB-156	86.8	10 -145	
	13C-PCB-157	86.7	10 -145	
	13C-PCB-159	87.7	10 -145	
	13C-PCB-167	87.0	10 -145	
	13C-PCB-169	83.6	10 -145	
	13C-PCB-170	91.9	10 -145	
	13C-PCB-180	92.7	10 -145	
	13C-PCB-188	87.2	10 -145	
	13C-PCB-189	88.7	10 -145	
	13C-PCB-194	90.1	10 -145	
	13C-PCB-202	112	10 -145	
	13C-PCB-206	97.6	10 -145	
	13C-PCB-208	91.8	10 -145	
	13C-PCB-209	113	10 -145	
CRS	13C-PCB-79	96.1	10 -145	
	13C-PCB-178	97.9	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-T170815151141 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 15-Aug-2017 10:19

Sample Data
Matrix: Water
Sample Size: 0.960 L

Laboratory Data
Lab Sample: 1701075-07 — Date Received: 17-Aug-2017 8:37
QC Batch: B8C0074 — Date Extracted: 13-Mar-2018 7:43
Date Analyzed : 15-Mar-18 20:20 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-1	91.1	5.21		
PCB-2	2.54	5.21		J
PCB-3	22.7	5.21		
PCB-4/10	4500	10.4		
PCB-5/8	81.3	10.4		
PCB-6	24.1	5.21		
PCB-7/9	ND	10.4	7.84	U
PCB-11	11.3	5.21		
PCB-12/13	23.0	10.4		
PCB-14	ND	5.21	1.59	U
PCB-15	266	5.21		
PCB-16/32	343	10.4		
PCB-17	388	5.21		
PCB-18	440	5.21		
PCB-19	1400	5.21		
PCB-20/21/33	23.4	15.6		
PCB-22	34.0	5.21		
PCB-23	ND	5.21	1.18	U
PCB-24/27	578	10.4		
PCB-25	58.3	5.21		
PCB-26	234	5.21		
PCB-28	270	5.21		
PCB-29	ND	5.21	1.17	U
PCB-30	ND	5.21	1.06	UM
PCB-31	415	5.21		
PCB-34	12.8	5.21		
PCB-35	2.50	5.21		J
PCB-36	1.00	5.21		J
PCB-37	75.0	5.21		
PCB-38	6.35	5.21		
PCB-39	4.70	5.21		J
PCB-40	68.9	5.21		
PCB-41/64/71/72	378	20.8		
PCB-42/59	157	10.4		
PCB-43/49	616	10.4		
PCB-44	292	5.21		B
PCB-45	124	5.21		
PCB-46	41.0	5.21		
PCB-47	412	5.21		B
PCB-48/75	49.5	10.4		
PCB-50	6.92	5.21		
PCB-51	56.0	5.21		
PCB-52/69	726	10.4		B
PCB-53	337	5.21		
PCB-54	29.1	5.21		
PCB-55	3.33	5.21		J
PCB-56/60	120	10.4		B
PCB-57	5.64	5.21		
PCB-58	1.47	5.21		J
PCB-61/70	172	10.4		
PCB-62	ND	5.21	1.37	U
PCB-63	29.6	5.21		
PCB-65	3.04	5.21		J
PCB-66/76	187	10.4		B
PCB-67	11.3	5.21		
PCB-68	14.9	5.21		
PCB-73	14.9	5.21		
PCB-74	104	5.21		
PCB-77	16.8	5.21		
PCB-78	ND	5.21	1.22	U
PCB-79	ND	5.21	1.43	UM
PCB-80	ND	5.21	1.02	U
PCB-81	ND	5.21	1.47	U
PCB-82	19.0	5.21		
PCB-83	ND	5.21	0.990	U
PCB-84/92	131	10.4		
PCB-85/116	33.3	10.4		
PCB-86	ND	5.21	1.10	UM
PCB-87/117/125	57.2	15.6		
PCB-88/91	71.1	5.21		

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-T170815151141 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 15-Aug-2017 10:19

Sample Data
Matrix: Water
Sample Size: 0.960 L

Laboratory Data
Lab Sample: 1701075-07 — Date Received: 17-Aug-2017 8:37
QC Batch: B8C0074 — Date Extracted: 13-Mar-2018 7:43
Date Analyzed : 15-Mar-18 20:20 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-89	2.96	5.21		J
PCB-90/101	155	10.4		
PCB-93	ND	5.21	1.60	U
PCB-94	ND	13.1	13.1	UM
PCB-95/98/102	196	15.6		B
PCB-96	8.48	5.21		
PCB-97	45.9	5.21		
PCB-99	78.1	5.21		
PCB-100	7.71	5.21		
PCB-103	8.93	5.21		
PCB-104	ND	5.21	0.792	UM
PCB-105	44.1	5.21		
PCB-106/118	88.8	10.4		
PCB-107/109	9.73	10.4		J
PCB-108/112	14.9	10.4		
PCB-110	161	5.21		B
PCB-111/115	ND	10.4	2.93	UM
PCB-113	ND	5.21	0.983	U
PCB-114	3.15	5.21		J
PCB-119	7.12	5.21		
PCB-120	ND	5.21	0.783	U
PCB-121	ND	5.21	0.881	U
PCB-122	ND	5.21	1.85	UM
PCB-123	ND	5.21	1.89	UM
PCB-124	4.18	5.21		J
PCB-126	ND	5.21	1.27	U
PCB-127	ND	5.21	1.13	U
PCB-128/162	12.3	10.4		
PCB-129	3.46	5.21		J
PCB-130	7.36	5.21		
PCB-131/133	5.88	10.4		J
PCB-132/161	23.1	10.4		
PCB-134/143	9.67	10.4		J
PCB-135	17.3	5.21		
PCB-136	18.9	5.21		

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-137	3.66	5.21		J
PCB-138/163/164	74.8	15.6		
PCB-139/149	65.4	10.4		
PCB-140	0.983	5.21		J
PCB-141	10.0	5.21		
PCB-142	ND	5.21	1.42	U
PCB-144	1.98	5.21		J
PCB-145	ND	5.21	0.811	U
PCB-146/165	15.3	10.4		
PCB-147	6.05	5.21		
PCB-148	ND	5.21	1.18	U
PCB-150	0.747	5.21		J
PCB-151	29.4	5.21		
PCB-152	ND	5.21	0.663	UM
PCB-153	55.6	5.21		
PCB-154	3.88	5.21		J
PCB-155	ND	5.21	0.927	U
PCB-156	6.41	5.21		
PCB-157	1.91	5.21		J
PCB-158/160	5.93	10.4		J
PCB-159	ND	5.21	0.910	U
PCB-166	ND	5.21	0.935	U
PCB-167	2.89	5.21		J
PCB-168	ND	5.21	0.932	U
PCB-169	ND	5.21	1.02	U
PCB-170	9.83	5.21		
PCB-171	3.77	5.21		J
PCB-172	1.77	5.21		J
PCB-173	ND	5.21	0.659	U
PCB-174	9.81	5.21		
PCB-175	ND	5.21	0.611	U
PCB-176	1.54	5.21		J
PCB-177	8.91	5.21		
PCB-178	8.42	5.21		
PCB-179	8.26	5.21		

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-T170815151141 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 15-Aug-2017 10:19

Sample Data
Matrix: Water
Sample Size: 0.960 L

Laboratory Data
Lab Sample: 1701075-07 — Date Received: 17-Aug-2017 8:37
QC Batch: B8C0074 — Date Extracted: 13-Mar-2018 7:43
Date Analyzed : 15-Mar-18 20:20 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-180	18.5	5.21		
PCB-181	ND	5.21	0.567	U
PCB-182/187	21.5	10.4		
PCB-183	4.31	5.21		J
PCB-184	ND	5.21	0.463	U
PCB-185	ND	5.21	0.617	U
PCB-186	ND	5.21	0.430	U
PCB-188	ND	5.21	0.444	U
PCB-189	ND	5.21	0.837	U
PCB-190	2.74	5.21		J
PCB-191	ND	5.21	0.481	U
PCB-192	ND	5.21	0.464	U
PCB-193	ND	5.21	1.29	UM
PCB-194	5.54	5.21		
PCB-195	2.69	5.21		J
PCB-196/203	6.95	10.4		J
PCB-197	ND	5.21	0.737	U
PCB-198	ND	5.21	0.964	U
PCB-199	9.68	5.21		
PCB-200	1.12	5.21		J
PCB-201	1.32	5.21		J
PCB-202	3.86	5.21		J
PCB-204	ND	5.21	0.756	U
PCB-205	ND	5.21	0.712	U
PCB-206	9.60	5.21		
PCB-207	1.54	5.21		J
PCB-208	5.09	5.21		J
PCB-209	27.9	5.21		
Total monoCB	116			
Total diCB	4900			
Total triCB	4290			
Total tetraCB	3980			
Total pentaCB	1150			
Total hexaCB	383			
Total heptaCB	99.4			

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
Total octaCB	31.1			
Total nonaCB	16.2			
DecaCB	27.9			
Total PCB	15000			

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-T170815151141 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 15-Aug-2017 10:19

Sample Data
Matrix: Water
Sample Size: 0.960 L

Laboratory Data
Lab Sample: 1701075-07 — Date Received: 17-Aug-2017 8:37
QC Batch: B8C0074 — Date Extracted: 13-Mar-2018 7:43
Date Analyzed : 15-Mar-18 20:20 Column: ZB-1

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-PCB-1	56.6	5 -145	
	13C-PCB-3	58.8	5 -145	
	13C-PCB-4	64.8	5 -145	
	13C-PCB-11	74.6	5 -145	
	13C-PCB-9	65.8	5 -145	
	13C-PCB-19	84.0	5 -145	
	13C-PCB-28	92.2	5 -145	
	13C-PCB-32	90.6	5 -145	
	13C-PCB-37	89.6	5 -145	
	13C-PCB-47	82.6	5 -145	
	13C-PCB-52	81.1	5 -145	
	13C-PCB-54	75.0	5 -145	
	13C-PCB-70	84.3	5 -145	
	13C-PCB-77	83.4	10 -145	
	13C-PCB-80	85.8	10 -145	
	13C-PCB-81	83.6	10 -145	
	13C-PCB-95	84.9	10 -145	
	13C-PCB-97	87.0	10 -145	
	13C-PCB-101	87.6	10 -145	
	13C-PCB-104	82.8	10 -145	
	13C-PCB-105	78.6	10 -145	
	13C-PCB-114	77.8	10 -145	
	13C-PCB-118	87.7	10 -145	
	13C-PCB-123	88.5	10 -145	
	13C-PCB-126	76.2	10 -145	
	13C-PCB-127	80.0	10 -145	
	13C-PCB-138	84.5	10 -145	
	13C-PCB-141	85.3	10 -145	
	13C-PCB-153	85.1	10 -145	
	13C-PCB-155	109	10 -145	
	13C-PCB-156	84.4	10 -145	
	13C-PCB-157	84.6	10 -145	
	13C-PCB-159	86.3	10 -145	
	13C-PCB-167	85.4	10 -145	
	13C-PCB-169	78.9	10 -145	
	13C-PCB-170	88.3	10 -145	
	13C-PCB-180	89.4	10 -145	
	13C-PCB-188	85.3	10 -145	
	13C-PCB-189	86.4	10 -145	
	13C-PCB-194	87.2	10 -145	
	13C-PCB-202	108	10 -145	
	13C-PCB-206	97.3	10 -145	
	13C-PCB-208	89.6	10 -145	
	13C-PCB-209	117	10 -145	
CRS	13C-PCB-79	90.3	10 -145	
	13C-PCB-178	96.8	10 -145	

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

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.

1701075 3.9°C, 1.8°C

ANCHOR QEA

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

ENVIRONMENTAL SAMPLE CHAIN OF CUSTODY

COC ID: COC170815152519VISTA
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	METHOD	MS	MSD	LD	Turn Around Time (hrs)	Preservative
001	OWS-BAFA-T170815151905	ENV	W	08/15/2017	13:55	W	3							
								CS PCBs 1668	E1668C	N	N	N	480	4degC
002	OWS-LHAL-T170816141854	ENV	W	08/16/2017	09:36	W	2							
								CS PCBs 1668	E1668C	N	N	N	504	4degC
003	OWS-LHPO-T170816142041	ENV	W	08/16/2017	11:44	W	2							
								CS PCBs 1668	E1668C	N	N	N	504	4degC
004	OWS-ROIS-T170815152200	ENV	W	08/15/2017	14:18	W	3							
								CS PCBs 1668	E1668C	N	N	N	480	4degC
005	OWS-SCHU-T170815151603	ENV	W	08/15/2017	11:40	W	2							
								CS PCBs 1668	E1668C	N	N	N	480	4degC
006	OWS-THIS-T170815151728	ENV	W	08/15/2017	12:35	W	2							
								CS PCBs 1668	E1668C	N	N	N	480	4degC
007	OWS-WAFO-T170815151141	ENV	W	08/15/2017	10:19	W	2							
								CS PCBs 1668	E1668C	N	N	N	480	4degC

Comments:

Relinquished by:	Received by:	Relinquished by:	Received by:	Relinquished by:	Received by:
Signature	Signature	Signature	Signature	Signature	Signature
Print Name	Print Name Isabella Filigenzi	Print Name	Print Name	Print Name	Print Name
Company	Company VAL	Company	Company	Company	Company
Date/Time 8/16/17 15:00	Date/Time 08/17/16 0851	Date/Time	Date/Time	Date/Time	Date/Time

Date Printed: 8/16/2017 * 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 #: 1701075 **TAT** Std / Hold

Samples Arrival:	**Date/Time** 08/17/~~16~~ 17 0837 DT 08/17/17	**Initials:** DT	**Location:** WR-2 **Shelf/Rack:** N/A
Logged In:	**Date/Time** 08/18/17 1209	**Initials:** MBB WWS	**Location:** WR-1 **Shelf/Rack:** CART

Delivered By:	FedEx	UPS	On Trac	GSO	DHL	Hand Delivered	Other

Preservation:	Ice	Blue Ice	Dry Ice	None

Temp °C: 3.8 (uncorrected)	**Time:** 0854	**Thermometer ID:** IR-1
Temp °C: 3.9 (corrected)	**Probe used:** Yes☐ No☒	

	YES	NO	NA
Adequate Sample Volume Received?	✓		
Holding Time Acceptable?	✓		
Shipping Container(s) Intact?	✓		
Shipping Custody Seals Intact?	✓		
Shipping Documentation Present?	✓		
Airbill — Trk # 8107 0701 1758	✓		
Sample Container Intact?	✓		
Sample Custody Seals Intact?			✓
Chain of Custody / Sample Documentation Present?	✓		
COC Anomaly/Sample Acceptance Form completed?		✓	✓

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

Comments: sample labels: OWS-WHPO-T170816142041 (2 bottles)
OWS-WHDW-T170816141854 (2 bottles)
OWS-BAFA-T170815151905 (1 bottle)
OWS-WAFO-T170815151141 (1 bottle)
OWS-SCHU-T170815151603 (1 bottle)

Vista Analytical Laboratory

Sample Log-in Checklist

Vista Work Order #: 1701075 **TAT** Std / Hold

Samples Arrival:	**Date/Time** 08/17/17 0837	**Initials:** SR	**Location:** WR-2 **Shelf/Rack:** N/A
Logged In:	**Date/Time** 08/18/17 1209	**Initials:** BoB WWS	**Location:** WR-1 **Shelf/Rack:** Cart

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

Temp °C: 1.7 (uncorrected)	**Time:** 0906	**Thermometer ID:** IR-1
Temp °C: 1.8 (corrected)	**Probe used:** Yes☐ No☒	

		YES	NO	NA
Adequate Sample Volume Received?		✓		
Holding Time Acceptable?		✓		
Shipping Container(s) Intact?		✓		
Shipping Custody Seals Intact?		✓		
Shipping Documentation Present?		✓		
Airbill	Trk # 8107 0701 1780	✓		
Sample Container Intact?		✓		
Sample Custody Seals Intact?				✓
Chain of Custody / Sample Documentation Present?			✓	
COC Anomaly/Sample Acceptance Form completed?			✓	✓

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

Comments: sample labels: OWS-B3F2-T170815151905 (1 bottle)
OWS-SCHU-T170815151603 (1 bottle)
OWS-WAFO-T170815151141 (1 bottle)
OWS-ROIS-T170815152200 (2 bottles)
OWS-THIS-T170815151728 (2 bottles)

EXTRACTION INFORMATION

Process Sheet

Workorder: 1701075

Prep Expiration: 2018-Aug-15

Client: General Electric Company

Workorder Due: 02-Mar-18 00:00

TAT: 197

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

Matrix: **Aqueous**

Client Matrix: Water

Also run: **Percent Solids**

Prep Batch: B8C0074

Prep Data Entered: 3/15/18 BSS

Date and Initials

Initial Sequence: S8C0035

LabSampleID	Recon	ClientSampleID	Date Received	Location	Comments
1701075-01	☒	OWS-BAFA-T170815151905	17-Aug-17 08:37	WR-1 Cart	
1701075-02	☒	OWS-LHAL-T170816141854	17-Aug-17 08:37	WR-1 Cart	
1701075-03	☒	OWS-LHPO-T170816142041	17-Aug-17 08:37	WR-1 Cart	
1701075-04	☒	OWS-ROIS-T170815152200	17-Aug-17 08:37	WR-1 Cart	
1701075-05	☒	OWS-SCHU-T170815151603	17-Aug-17 08:37	WR-1 Cart	
1701075-06	☒	OWS-THIS-T170815151728	17-Aug-17 08:37	WR-1 Cart	
1701075-07	☒	OWS-WAFO-T170815151141	17-Aug-17 08:37	WR-1 Cart	

Vista PM: Martha Maier

Vial Box ID: Bozo the C

Sample Reconciled By: Brenden Schenk 3/13/18

Page 1 of 1

PREPARATION BENCH SHEET

Matrix: Aqueous

Method: 1668C Full List (All Congener OPR)

B8C0074

Chemist: BSS

Prep Date/Time: 13-Mar-18

Prepared using: HRMS - Separatory Funnel

C	VISTA Sample ID	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (L)	IS/NS CHEM/WIT DATE	PS ~~CRS~~ CHEM/WIT DATE (JR 3/14/18)	AP CHEM/ DATE (N/A)	ABSG CHEM/ DATE (N/A)	AA CHEM/ DATE (N/A)	Florisil CHEM/ DATE (N/A)	RS CHEM/WIT DATE
☐	B8C0074-BLK1	N/A	N/A	(1.0000)	BSS JR 3/13/18	BSS JR 3/14/18	N/A	BSS 3/14/18	N/A	N/A	BSS JR 3/14/18
☐	B8C0074-BS1	↓	↓	(1.0000)	↓	↓	↓	↓	↓	↓	↓
☐	1701017-01	1461.04	508.57	0.95247							
☐	1701017-02	1519.67	509.34	1.01033							
☐	1701017-03	1535.94	500.74	1.0352							
☐	1701017-04	1505.49	508.12	0.99737							
☐	1701075-01	1522.26	507.19	1.01507	✓						
☐	1701075-02 (A)	1562.05	506.66	1.05539	✓						
☐	1701075-03	1504.93	500.80	1.00413	✓						
☐	1701075-04	1499.35	507.82	0.99153	✓						
☐	1701075-05	1512.25	503.88	1.00837	✓						
☐	1701075-06	1542.19	503.62	1.03857	✓						
☐	1701075-07	1465.82	505.88	0.95994	✓						
☐	1701786-01	1497.87	503.31	0.99456							
☐	1701786-02	1504.16	502.10	1.00206	↓	↓	↓	↓	↓	↓	↓

IS Name (V4)	NS Name (V6)	~~CRS~~ PS Name JR 3/14/18 (V4)	RS Name (V4)
PCDD/F	PCDD/F	PCDD/F	PCDD/F
PCB 18A0219, 10µL	PCB 18A0304, 10µL	PCB 18A0220, 10µL	PCB 18A0221, 10µL
PAH	PAH	PAH	PAH

APP: (SEFUN) SOX SDS

SOLV: DCM

Other N/A

Final Volume(s) 20µL C9

Check Out: Chemist/Date: JR 3/13/18

Check In: Chemist/Date: empty

Balance ID: HRMS-9

Comments: Assume 1 g = 1 mL

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

(A) Approached dryness on rotovap. BSS 3/14/18

PREPARATION BENCH SHEET

Matrix: Aqueous

Method: 1668C Full List (All Congener OPR)

B8C0074

Chemist: BSS

Prep Date/Time: 13-Mar-18

Prepared using: HRMS - Separatory Funnel

C	VISTA Sample ID	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (L)	IS/NS CHEM/WIT DATE	CRS CHEM/WIT DATE	AP CHEM/ DATE	ABSG CHEM/ DATE	AA CHEM/ DATE	Florisil CHEM/ DATE	RS CHEM/WIT DATE
							N/A	N/A	N/A	N/A	
☐	1701786-03	1489.30	502.22	0.98708	BSS JR 3/13/18	BSS JR 3/14/18	N/A	BSS 3/14/18	N/A	N/A	BSS JR 3/14/18
☐	1701786-04	1449.83	502.79	0.94704							
☐	1701786-05	1527.85	503.70	1.02415							
☐	1701786-06	1468.40	502.43	0.96597							
☐	1701786-07	1499.82	503.08	0.99674							
☐	1701786-08	1523.68	503.84	1.01984							
☐	1701786-09	1505.52	504.09	0.99843							

IS Name V4	NS Name V6	CRS Name V4	RS Name V4	APP: SEFUN SOX SDS	Check Out: Chemist/Date: JR 3/13/18
PCDD/F	PCDD/F	PCDD/F	PCDD/F	SOLV: DCM	Check In: Chemist/Date: empty
PCB 18A0219, 10µL	PCB 18A0304, 10µL	PCB 18A0220, 10µL	PCB 18A0221, 10µL	Other N/A	Balance ID: HRMS-9
PAH	PAH	PAH	PAH	Final Volume(s) 20µL	
				C9	

Comments: Assume 1 g = 1 mL

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

Percent Moisture/ Percent Solids

D2216-90 BATCH ID B8C0075

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

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

Data Entry Verified by: (Initial and Date) BSS 3/15/18

HRMS-9

Date/Time IN:	Date/Time OUT
3/13/18 9:35	3/14/18 15:15

	B	C	D	E	F	G	H	K	M	N	O	P	Q	R
				Intial and Date:	JR 3/13/18	JR 3/14/18			BSS 3/13/18					BSS 3/13/18
Particle Size	SampID		SampType	Pan Tare Wt. (gms)	Wet Pan and Sample Weight (g)	Dry Pan and Sample Weight (g)	Dry Sample Weight (g)	%Solids RawVal	pH Before	pH After	Acid Added	Cl-	Visual Inspection	Sample Homogenized*
	1701017-01		Sample	1.2800	18.7800	1.2800	0.0000	0.00	5	3	5	0	clear	
	1701017-02		Sample	1.2800	13.3300	1.2900	0.0100	0.08	6	3	5	0	clear	
	1701017-03		Sample	1.2900	12.5400	1.3000	0.0100	0.09	6	3	5	0	clear	
	1701017-04		Sample	1.2800	19.2000	1.2900	0.0100	0.06	6	3	5	0	clear	
	1701075-01		Sample	1.2900	13.0500	1.2900	0.0000	0.00	6	3	5	0	clear	
	1701075-02		Sample	1.2800	11.6500	1.2800	0.0000	0.00	7	3	5	0	clear	
	1701075-03		Sample	1.2900	14.1300	1.2900	0.0000	0.00	7	3	5	0	clear	
	1701075-04		Sample	1.2900	12.7100	1.2900	0.0000	0.00	6	3	5	0	clear	
	1701075-05		Sample	1.3000	20.2800	1.3000	0.0000	0.00	6	3	5	0	clear	
	1701075-06		Sample	1.2800	12.7000	1.2800	0.0000	0.00	6	3	5	0	clear	
	1701075-07		Sample	1.2900	16.2100	1.2900	0.0000	0.00	6	3	5	0	clear	
	1701786-01		Sample	1.2600	10.4600	1.2800	0.0200	0.22	6	3	5	0	clear	
	1701786-02		Sample	1.2800	11.6900	1.2900	0.0100	0.10	7	3	5	0	clear	
	1701786-03		Sample	1.2900	11.4900	1.2900	0.0000	0.00	5	3	5	0	clear	
	1701786-04		Sample	1.2700	11.5900	1.2800	0.0100	0.10	6	3	5	0	clear	
	1701786-05		Sample	1.2700	11.3900	1.2900	0.0200	0.20	7	3	5	0	clear	
	1701786-06		Sample	1.2700	11.5300	1.2800	0.0100	0.10	6	3	5	0	clear	
	1701786-07		Sample	1.2900	12.5300	1.2900	0.0000	0.00	6	3	5	0	clear	
	1701786-08		Sample	1.2700	10.5300	1.2700	0.0000	0.00	6	3	5	0	clear	
	1701786-09		Sample	1.2900	6.1200	1.2900	0.0000	0.00	7	3	5	0	clear	
	B8C0074-BLK			1.2900	14.7300	1.2900			5	3	5	0	clear	
	B8C0074-OPR			1.2800	15.3400	1.2800			5	3	5	0	clear	

*Sample homogenized in sample container unless otherwise noted.

Percent Moisture/ Percent Solids

D2216-90 BATCH ID B8C0075

Analyst: BSS

Test Code: %Moist/%Solids

Analyte:

Units: %

Dried at 110°C+/-5°C

Data Entry Verified by: (Initial and Date) N/A

Inst HRMS-9

Date/Time IN: 3/13/18 9:35 Date/Time OUT 3/14/18 15:15

	B	C	D	E	F	G	H	K	M	N	O	P	Q	R
				Intial and Date:	JR 3/13/18	JR 3/14/18			BSS 3/13/18					BSS 3/13/18
Particle Size	SampID		SampType	Pan Tare Wt. (gms)	Wet Pan and Sample Weight (g)	Dry Pan and Sample Weight (g)	Dry Sample Weight (g)	%Solids RawVal	pH Before	pH After	Acid Added	Cl-	Visual Inspection	Sample Homogenized*
	1701017-01		Sample	~~1.29~~ BSS 3/13/18 1.28	18.78	1.28			5	3	5	0	Clear	✓
	1701017-02		Sample	1.28	13.33	1.29			6	3	5	0	Clear	✓
	1701017-03		Sample	1.29	12.54	1.30			6	3	5	0	Clear	✓
	1701017-04		Sample	1.28	19.20	1.29			6	3	5	0	Clear	✓
	1701075-01		Sample	1.29	13.05	1.29			6	3	5	0	Clear	✓
	1701075-02		Sample	1.28	11.65	1.28			7	3	5	0	Clear	✓
	1701075-03		Sample	1.29	14.13	1.29			7	3	5	0	Clear	✓
	1701075-04		Sample	1.29	12.71	1.29			6	3	5	0	Clear	✓
	1701075-05		Sample	1.30	20.28	1.30			6	3	5	0	Clear	✓
	1701075-06		Sample	1.28	12.70	JR 3/21/18 1.28			6	3	5	0	Clear	✓
	1701075-07		Sample	1.29	~~16.56~~ 16.21	1.29			6	3	5	0	Clear	✓
	1701786-01		Sample	1.26	10.46	1.28			6	3	5	0	Clear	✓
	1701786-02		Sample	1.28	11.69	1.29			7	3	5	0	Clear	✓
	1701786-03		Sample	1.29	11.49	1.29			5	3	5	0	Clear	✓
	1701786-04		Sample	1.27	11.59	1.28			6	3	5	0	Clear	✓
	1701786-05		Sample	1.27	11.39	1.29			7	3	5	0	Clear	✓
	1701786-06		Sample	1.27	11.53	1.28			6	3	5	0	Clear	✓
	1701786-07		Sample	1.29	12.53	1.29			6	3	5	0	Clear	✓
	1701786-08		Sample	1.27	10.53	1.27			6	3	5	0	Clear	✓
	1701786-09		Sample	1.29	6.12	1.29			7	3	5	0	Clear	✓
	B8C0074-BLK			1.29	14.73	1.29			5	3	5	0	Clear	✓
	B8C0074-OPR			1.28	15.34	1.28			5	3	5	0	Clear	✓

*Sample homogenized in sample container unless otherwise noted.

SAMPLE DATA – EPA METHOD 1668C

Client ID: Method Blank Filename: 180314E1 S:8 Acq:14-MAR-18 19:20:27 ConCal: ST180314E1-1
Lab ID: B8C0074-BLK1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Mono	PCB-1	*	*	n NotF	1.07	*		1830	2.5	1.57	*	0.996-1.006
Mono	PCB-2	*	*	n NotF	1.06	*		1830	2.5	1.53	*	0.983-0.993
Mono	PCB-3	*	*	n NotF	1.06	*		1830	2.5	1.53	*	0.996-1.006
Di	PCB-4/10	*	*	n NotF	1.24	*		3210	2.5	2.76	*	0.998-1.008
Di	PCB-7/9	*	*	n NotF	0.99	*		3210	2.5	2.16	*	0.863-0.871
Di	PCB-6	*	*	n NotF	1.06	*		3210	2.5	2.02	*	0.888-0.897
Di	PCB-5/8	*	*	n NotF	1.03	*		3210	2.5	2.08	*	0.904-0.913
Di	PCB-14	*	*	n NotF	1.03	*		3210	2.5	1.92	*	0.948-0.958
Di	PCB-11	*	*	n NotF	1.11	*		3210	2.5	1.78	*	0.996-1.006
Di	PCB-12/13	*	*	n NotF	1.02	*		3210	2.5	1.95	*	1.011-1.021
Di	PCB-15	*	*	n NotF	1.05	*		3210	2.5	1.88	*	1.023-1.033
Tri	PCB-19	*	*	n NotF	1.20	*		2610	2.5	1.50	*	0.996-1.006
Tri	PCB-30	*	*	n NotF	1.93	*		2610	2.5	0.932	*	1.034-1.044
Tri	PCB-18	*	*	n NotF	0.91	*		2610	2.5	1.27	*	0.948-0.958
Tri	PCB-17	*	*	n NotF	0.84	*		2610	2.5	1.38	*	0.955-0.965
Tri	PCB-24/27	*	*	n NotF	1.15	*		2610	2.5	1.01	*	0.977-0.986
Tri	PCB-16/32	*	*	n NotF	1.02	*		2610	2.5	1.14	*	0.995-1.005
Tri	PCB-34	*	*	n NotF	0.96	*		1600	2.5	0.997	*	0.955-0.965
Tri	PCB-23	*	*	n NotF	0.95	*		1600	2.5	1.01	*	0.958-0.968
Tri	PCB-29	*	*	n NotF	0.96	*		1600	2.5	0.995	*	0.966-0.976
Tri	PCB-26	*	*	n NotF	1.00	*		1600	2.5	0.955	*	0.974-0.984
Tri	PCB-25	*	*	n NotF	1.06	*		1600	2.5	0.907	*	0.980-0.990
Tri	PCB-31	*	*	n NotF	1.10	*		1600	2.5	0.872	*	0.992-1.002
Tri	PCB-28	*	*	n NotF	1.14	*		1600	2.5	0.842	*	0.995-1.005
Tri	PCB-20/21/33	*	*	n NotF	1.00	*		1600	2.5	0.962	*	1.017-1.027
Tri	PCB-22	*	*	n NotF	1.09	*		1600	2.5	0.881	*	1.032-1.042
Tri	PCB-36	*	*	n NotF	1.15	*		1600	2.5	0.818	*	0.929-0.939
Tri	PCB-39	*	*	n NotF	1.07	*		1600	2.5	0.879	*	0.943-0.953
Tri	PCB-38	*	*	n NotF	1.10	*		1600	2.5	0.853	*	0.966-0.976
Tri	PCB-35	*	*	n NotF	1.12	*		1600	2.5	0.837	*	0.982-0.992
Tri	PCB-37	*	*	n NotF	1.11	*		1600	2.5	0.845	*	0.996-1.006
Tetra	PCB-54	*	*	n NotF	1.07	*		1690	2.5	0.757	*	0.996-1.006
Tetra	PCB-50	*	*	n NotF	0.87	*		1690	2.5	0.929	*	1.038-1.048
Tetra	PCB-53	*	*	n NotF	1.01	*		1690	2.5	0.909	*	0.940-0.950
Tetra	PCB-51	*	*	n NotF	1.10	*		1690	2.5	0.834	*	0.952-0.962
Tetra	PCB-45	*	*	n NotF	0.87	*		1690	2.5	1.05	*	0.965-0.975
Tetra	PCB-46	*	*	n NotF	0.84	*		1690	2.5	1.10	*	0.980-0.990

Integrations by:
Analyst: DB
Date: 3/21/18

Reviewed by: CT Date: 3/26/18

Client ID: Method Blank Filename: 180314E1 S:8 Acq:14-MAR-18 19:20:27 ConCal: ST180314E1-1
Lab ID: B8C0074-BLK1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Tetra	PCB-52/69	1.21e+05	0.78	y 31:29	1.21	2.58		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-73	*	*	n NotF¶	1.45	*		1690	2.5	0.632	*	1.000-1.010
Tetra	PCB-43/49	5.65e+04	1.67	n 31:47	1.01	1.45		*	2.5	*	1.010	1.005-1.015
Tetra	PCB-47	9.66e+04	0.69	y 31:59	0.91	2.55		*	2.5	*	1.001	0.995-1.005
Tetra	PCB-48/75	*	*	n NotF¶	1.13	*		1690	2.5	0.752	*	0.999-1.009
Tetra	PCB-65	*	*	n NotF¶	1.27	*		1690	2.5	0.671	*	1.007-1.017
Tetra	PCB-62	*	*	n NotF¶	1.10	*		1690	2.5	0.778	*	1.011-1.021
Tetra	PCB-44	6.75e+04	0.86	y 32:46	0.85	1.89		*	2.5	*	1.025	1.020-1.030
Tetra	PCB-42/59	*	*	n NotF¶	1.02	*		1690	2.5	0.835	*	1.027-1.037
Tetra	PCB-41/64/71/72	7.43e+04	1.00	n 33:35	1.17	1.53		*	2.5	*	1.051	1.046-1.056
Tetra	PCB-68	*	*	n NotF¶	1.28	*		1690	2.5	0.667	*	1.054-1.064
Tetra	PCB-40	*	*	n NotF¶	0.62	*		1690	2.5	1.37	*	1.060-1.070
Tetra	PCB-57	*	*	n NotF¶	1.13	*		1690	2.5	0.604	*	0.965-0.975
Tetra	PCB-67	*	*	n NotF¶	1.10	*		1690	2.5	0.618	*	0.973-0.983
Tetra	PCB-58	*	*	n NotF¶	1.12	*		1690	2.5	0.607	*	0.977-0.987
Tetra	PCB-63	*	*	n NotF¶	1.00	*		1690	2.5	0.681	*	0.981-0.991
Tetra	PCB-74	*	*	n NotF¶	1.18	*		1690	2.5	0.576	*	0.989-0.999
Tetra	PCB-61/70	5.37e+04	0.49	n 35:30	1.03	0.960		*	2.5	*	1.000	0.994-1.004
Tetra	PCB-76/66	5.77e+04	0.72	y 35:43	1.13	0.936		*	2.5	*	1.006	1.000-1.010
Tetra	PCB-80	*	*	n NotF¶	1.19	*		1690	2.5	0.572	*	0.995-1.005
Tetra	PCB-55	*	*	n NotF¶	1.16	*		1690	2.5	0.589	*	1.004-1.014
Tetra	PCB-56/60	5.19e+04	0.87	y 36:44	1.04	0.924		*	2.5	*	1.023	1.018-1.028
Tetra	PCB-79	*	*	n NotF¶	1.17	*		1690	2.5	0.584	*	1.047-1.057
Tetra	PCB-78	*	*	n NotF¶	1.10	*		1690	2.5	0.607	*	0.982-0.992
Tetra	PCB-81	*	*	n NotF¶	0.97	*		1690	2.5	0.692	*	0.995-1.005
Tetra	PCB-77	*	*	n NotF¶	1.08	*		1690	2.5	0.647	*	0.995-1.005
Penta	PCB-104	*	*	n NotF¶	1.08	*		1100	2.5	0.722	*	0.996-1.006
Penta	PCB-96	*	*	n NotF¶	1.13	*		1100	2.5	0.685	*	1.034-1.044
Penta	PCB-103	*	*	n NotF¶	0.91	*		1100	2.5	0.854	*	1.051-1.061
Penta	PCB-100	*	*	n NotF¶	0.93	*		1100	2.5	0.838	*	1.062-1.072
Penta	PCB-94	*	*	n NotF¶	0.91	*		1100	2.5	1.02	*	0.981-0.991
Penta	PCB-95/98/102	7.92e+04	1.54	y 35:48	1.17	1.80		*	2.5	*	1.000	0.994-1.004
Penta	PCB-93	*	*	n NotF¶	0.93	*		1100	2.5	1.00	*	0.997-1.007
Penta	PCB-88/91	*	*	n NotF¶	0.97	*		1100	2.5	0.953	*	1.005-1.015
Penta	PCB-121	*	*	n NotF¶	1.68	*		1100	2.5	0.552	*	1.009-1.019
Penta	PCB-84/92	*	*	n NotF¶	0.97	*		1100	2.5	0.950	*	0.985-0.995
Penta	PCB-89	*	*	n NotF¶	1.06	*		1100	2.5	0.868	*	0.990-1.000

Analyst: DB

Date: 3/21/18

Client ID: Method Blank Filename: 180314E1 S:8 Acq:14-MAR-18 19:20:27 ConCal: ST180314E1-1
Lab ID: B8C0074-BLK1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Penta	PCB-90/101	4.98e+04	1.09	n 37:30	1.08	1.21		*	2.5	*	1.000	0.995-1.005
Penta	PCB-113	*	*	n NotF¶	1.48	*		1100	2.5	0.626	*	1.002-1.012
Penta	PCB-99	*	*	n NotF¶	1.25	*		1100	2.5	0.737	*	1.004-1.014
Penta	PCB-119	*	*	n NotF¶	1.70	*		1100	2.5	0.580	*	0.982-0.992
Penta	PCB-108/112	*	*	n NotF¶	1.40	*		1100	2.5	0.703	*	0.986-0.996
Penta	PCB-83	*	*	n NotF¶	1.75	*		1100	2.5	0.563	*	0.990-1.000
Penta	PCB-97	*	*	n NotF¶	1.17	*		1100	2.5	0.840	*	0.995-1.005
Penta	PCB-86	*	*	n NotF¶	1.08	*		1100	2.5	0.912	*	0.999-1.009
Penta	PCB-87/117/125	*	*	n NotF¶	1.55	*		1100	2.5	0.636	*	1.002-1.012
Penta	PCB-111/115	*	*	n NotF¶	1.79	*		1100	2.5	0.550	*	1.006-1.016
Penta	PCB-85/116	*	*	n NotF¶	1.29	*		1100	2.5	0.764	*	1.009-1.019
Penta	PCB-120	*	*	n NotF¶	1.98	*		1100	2.5	0.498	*	1.016-1.026
Penta	PCB-110	6.36e+04	1.76	y 39:43	1.69	1.08		*	2.5	*	1.025	1.020-1.030
Penta	PCB-82	*	*	n NotF¶	0.81	*		1100	2.5	0.991	*	0.972-0.982
Penta	PCB-124	*	*	n NotF¶	1.30	*		1100	2.5	0.617	*	0.988-0.998
Penta	PCB-107/109	*	*	n NotF¶	1.31	*		1100	2.5	0.608	*	0.991-1.001
Penta	PCB-123	*	*	n NotF¶	1.12	*		1100	2.5	0.714	*	0.996-1.006
Penta	PCB-106/118	5.00e+04	1.18	n 41:31	1.18	0.910		*	2.5	*	1.000	0.996-1.006
Penta	PCB-114	*	*	n NotF¶	1.11	*		930	2.5	0.797	*	0.995-1.005
Penta	PCB-122	*	*	n NotF¶	1.03	*		930	2.5	0.863	*	0.999-1.009
Penta	PCB-105	*	*	n NotF¶	1.12	*		930	2.5	0.793	*	0.995-1.005
Penta	PCB-127	*	*	n NotF¶	1.12	*		930	2.5	0.788	*	0.995-1.005
Penta	PCB-126	*	*	n NotF¶	1.20	*		930	2.5	0.796	*	0.995-1.005
Hexa	PCB-155	*	*	n NotF¶	0.99	*		1020	2.5	0.580	*	0.995-1.005
Hexa	PCB-150	*	*	n NotF¶	1.02	*		1020	2.5	0.560	*	1.030-1.040
Hexa	PCB-152	*	*	n NotF¶	1.16	*		1020	2.5	0.496	*	1.042-1.052
Hexa	PCB-145	*	*	n NotF¶	1.13	*		1020	2.5	0.509	*	1.054-1.064
Hexa	PCB-136	*	*	n NotF¶	1.02	*		1020	2.5	0.561	*	1.063-1.073
Hexa	PCB-148	*	*	n NotF¶	0.77	*		1020	2.5	0.743	*	1.066-1.076
Hexa	PCB-154	*	*	n NotF¶	0.88	*		1020	2.5	0.656	*	1.079-1.089
Hexa	PCB-151	*	*	n NotF¶	0.75	*		1020	2.5	0.764	*	1.095-1.107
Hexa	PCB-135	*	*	n NotF¶	0.86	*		1020	2.5	0.668	*	1.101-1.113
Hexa	PCB-144	*	*	n NotF¶	0.77	*		1020	2.5	0.750	*	1.105-1.116
Hexa	PCB-147	*	*	n NotF¶	0.80	*		1020	2.5	0.714	*	1.108-1.120
Hexa	PCB-139/149	3.78e+04	0.92	n 41:28	0.88	0.881		*	2.5	*	1.120	1.115-1.127
Hexa	PCB-140	*	*	n NotF¶	0.77	*		1020	2.5	0.746	*	1.120-1.132
Hexa	PCB-134/143	*	*	n NotF¶	0.76	*		1040	2.5	0.896	*	0.970-0.980

Analyst: DB

Date: 3/21/18

Client ID: Method Blank Filename: 180314E1 S:8 Acq:14-MAR-18 19:20:27 ConCal: ST180314E1-1
Lab ID: B8C0074-BLK1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hexa	PCB-131/133	*	*	n NotF¶	0.82	*		1040	2.5	0.836	*	0.977-0.987
Hexa	PCB-142	*	*	n NotF¶	0.73	*		1040	2.5	0.933	*	0.981-0.991
Hexa	PCB-146/165	*	*	n NotF¶	1.02	*		1040	2.5	0.670	*	0.986-0.996
Hexa	PCB-132/161	*	*	n NotF¶	1.00	*		1040	2.5	0.680	*	0.992-1.002
Hexa	PCB-153	*	*	n NotF¶	1.08	*		1040	2.5	0.634	*	0.995-1.005
Hexa	PCB-168	*	*	n NotF¶	1.12	*		1040	2.5	0.611	*	1.000-1.010
Hexa	PCB-141	*	*	n NotF¶	1.02	*		1040	2.5	0.826	*	0.995-1.005
Hexa	PCB-137	*	*	n NotF¶	1.10	*		1040	2.5	0.763	*	1.004-1.014
Hexa	PCB-130	*	*	n NotF¶	0.81	*		1040	2.5	1.04	*	1.007-1.017
Hexa	PCB-138/163/164	4.32e+04	0.94	n 44:47	1.23	0.917		*	2.5	*	1.000	0.996-1.006
Hexa	PCB-158/160	*	*	n NotF¶	1.18	*		1040	2.5	0.639	*	1.001-1.011
Hexa	PCB-129	*	*	n NotF¶	0.78	*		1040	2.5	0.966	*	1.007-1.017
Hexa	PCB-166	*	*	n NotF¶	1.13	*		1040	2.5	0.599	*	0.988-0.998
Hexa	PCB-159	*	*	n NotF¶	1.16	*		1040	2.5	0.584	*	0.995-1.005
Hexa	PCB-128/162	*	*	n NotF¶	0.89	*		1040	2.5	0.758	*	1.002-1.012
Hexa	PCB-167	*	*	n NotF¶	1.02	*		1040	2.5	0.644	*	0.995-1.005
Hexa	PCB-156	*	*	n NotF¶	1.06	*		1040	2.5	0.609	*	0.995-1.005
Hexa	PCB-157	*	*	n NotF¶	1.02	*		1040	2.5	0.659	*	0.996-1.006
Hexa	PCB-169	*	*	n NotF¶	1.13	*		1040	2.5	0.612	*	0.995-1.005
Hepta	PCB-188	*	*	n NotF¶	1.37	*		1260	2.5	0.488	*	0.995-1.005
Hepta	PCB-184	*	*	n NotF¶	1.32	*		1260	2.5	0.508	*	1.006-1.016
Hepta	PCB-179	*	*	n NotF¶	1.38	*		1260	2.5	0.484	*	1.024-1.034
Hepta	PCB-176	*	*	n NotF¶	1.31	*		1260	2.5	0.512	*	1.035-1.045
Hepta	PCB-186	*	*	n NotF¶	1.42	*		1260	2.5	0.472	*	1.049-1.059
Hepta	PCB-178	*	*	n NotF¶	0.97	*		1260	2.5	0.691	*	1.060-1.070
Hepta	PCB-175	*	*	n NotF¶	1.00	*		1260	2.5	0.671	*	1.069-1.079
Hepta	PCB-182/187	*	*	n NotF¶	1.14	*		1260	2.5	0.587	*	1.072-1.082
Hepta	PCB-183	*	*	n NotF¶	1.13	*		1260	2.5	0.594	*	1.080-1.090
Hepta	PCB-185	*	*	n NotF¶	1.36	*		1260	2.5	0.676	*	0.950-0.960
Hepta	PCB-174	*	*	n NotF¶	1.42	*		1260	2.5	0.648	*	0.958-0.968
Hepta	PCB-181	*	*	n NotF¶	1.48	*		1260	2.5	0.621	*	0.960-0.970
Hepta	PCB-177	*	*	n NotF¶	1.33	*		1260	2.5	0.691	*	0.963-0.973
Hepta	PCB-171	*	*	n NotF¶	1.37	*		1260	2.5	0.669	*	0.969-0.979
Hepta	PCB-173	*	*	n NotF¶	1.27	*		1260	2.5	0.723	*	0.978-0.988
Hepta	PCB-172	*	*	n NotF¶	1.39	*		1260	2.5	0.661	*	0.987-0.997
Hepta	PCB-192	*	*	n NotF¶	1.80	*		1260	2.5	0.508	*	0.991-1.001
Hepta	PCB-180	*	*	n NotF¶	1.52	*		1260	2.5	0.605	*	0.995-1.005

Analyst: DB

Date: 3/21/18

Client ID: Method Blank Filename: 180314E1 S:8 Acq:14-MAR-18 19:20:27 ConCal: ST180314E1-1
Lab ID: B8C0074-BLK1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hepta	PCB-193	*	*	n NotFound	1.71	*		1260	2.5	0.536	*	0.999-1.009
Hepta	PCB-191	*	*	n NotFound	1.74	*		1260	2.5	0.527	*	1.005-1.015
Hepta	PCB-170	*	*	n NotFound	1.44	*		1260	2.5	0.655	*	0.995-1.005
Hepta	PCB-190	*	*	n NotFound	1.95	*		1260	2.5	0.481	*	0.999-1.009
Hepta	PCB-189	*	*	n NotFound	1.46	*		1260	2.5	0.446	*	0.995-1.005
Octa	PCB-202	*	*	n NotFound	1.06	*		1330	2.5	0.730	*	0.995-1.005
Octa	PCB-201	*	*	n NotFound	0.98	*		1330	2.5	0.789	*	1.006-1.016
Octa	PCB-204	*	*	n NotFound	1.07	*		1330	2.5	0.720	*	1.009-1.019
Octa	PCB-197	*	*	n NotFound	1.10	*		1330	2.5	0.702	*	1.015-1.025
Octa	PCB-200	*	*	n NotFound	1.04	*		1330	2.5	0.740	*	1.034-1.044
Octa	PCB-198	*	*	n NotFound	0.84	*		1330	2.5	0.918	*	1.065-1.075
Octa	PCB-199	*	*	n NotFound	0.80	*		1330	2.5	0.965	*	1.067-1.077
Octa	PCB-196/203	*	*	n NotFound	0.84	*		1330	2.5	0.916	*	1.072-1.082
Octa	PCB-195	*	*	n NotFound	1.04	*		1060	2.5	0.714	*	0.979-0.989
Octa	PCB-194	*	*	n NotFound	1.16	*		1060	2.5	0.642	*	0.995-1.005
Octa	PCB-205	*	*	n NotFound	1.33	*		1060	2.5	0.556	*	1.000-1.010
Nona	PCB-208	*	*	n NotFound	0.90	*		983	2.5	0.497	*	0.995-1.005
Nona	PCB-207	*	*	n NotFound	0.89	*		983	2.5	0.501	*	1.001-1.011
Nona	PCB-206	*	*	n NotFound	0.88	*		983	2.5	0.661	*	0.995-1.005
Deca	PCB-209	*	*	n NotFound	1.04	*		985	2.5	0.639	*	0.995-1.005

Analyst: DB

Date: 3/21/18

Client ID: Method Blank Filename: 180314E1 S:8 Acq:14-MAR-18 19:20:27 ConCal: ST180314E1-1
Lab ID: B8C0074-BLK1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.0000 EndCAL: NA

Name	Resp	RA		RT	RRF	Conc	
Total Mono-PCB	*	*	n	NotFnd	1.06	*	
Total Di-PCB	*	*	n	NotFnd	1.04	*	
Total Tri-PCB	*	*	n	NotFnd	1.15	*	
Total Tri-PCB	*	*	n	NotFnd	1.05	*	Sum:0.00000
Total Tetra-PCB	3.94e+05	0.78	y	31:29	1.06	8.88505	
Total Penta-PCB	1.43e+05	1.54	y	35:48	1.18	2.87361	
Total Penta-PCB	*	*	n	NotFnd	1.12	*	Sum:2.87361
Total Hexa-PCB	*	*	n	NotFnd	0.91	*	
Total Hexa-PCB	*	*	n	NotFnd	1.00	*	Sum:0.00000
Total Hepta-PCB	*	*	n	NotFnd	1.35	*	
Total Octa-PCB	*	*	n	NotFnd	0.95	*	
Total Octa-PCB	*	*	n	NotFnd	1.17	*	Sum:0.00000
Total Nona-PCB	*	*	n	NotFnd	0.89	*	
Total Deca-PCB	*	*	n	NotFnd	1.04	*	

Total PCB Conc:19.6099350000

Integrations by Analyst: DB

Date: 3/21/18

Client ID: Method Blank Filename: 180314E1 S:8 Acq:14-MAR-18 19:20:27 ConCal: ST180314E1-1
Lab ID: B8C0074-BLK1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol:1.0000 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-1	6.79e+07	3.11 y	1.13	16:00	0.618	0.616	0.622	873	43.6
13C-PCB-3	7.63e+07	3.20 y	1.21	18:38	0.720	0.716	0.724	915	45.8
13C-PCB-4	4.25e+07	1.60 y	0.59	19:59	0.772	0.769	0.777	1040	52.0
13C-PCB-9	6.94e+07	1.57 y	0.94	21:47	0.842	0.837	0.845	1070	53.5
13C-PCB-11	7.99e+07	1.56 y	0.95	25:10	0.972	0.968	0.978	1220	61.2
13C-PCB-19	5.82e+07	1.09 y	0.62	24:09	0.933	0.928	0.938	1350	67.7
13C-PCB-28	7.90e+07	1.04 y	1.05	29:03	1.003	0.999	1.009	1310	65.6
13C-PCB-32	8.87e+07	1.06 y	0.91	27:05	1.046	1.041	1.051	1420	70.8
13C-PCB-37	8.57e+07	1.03 y	1.02	32:55	1.137	1.132	1.144	1460	73.1
13C-PCB-47	8.35e+07	0.79 y	0.83	31:58	0.870	0.867	0.875	1400	70.1
13C-PCB-52	7.71e+07	0.79 y	0.76	31:28	0.857	0.853	0.861	1410	70.6
13C-PCB-54	8.52e+07	0.78 y	0.93	27:55	0.760	0.756	0.764	1280	64.1
13C-PCB-70	1.09e+08	0.81 y	1.00	35:30	0.966	0.961	0.971	1520	76.2
13C-PCB-77	1.12e+08	0.79 y	0.96	39:36	1.078	1.073	1.083	1630	81.4
13C-PCB-80	1.08e+08	0.80 y	1.00	35:55	0.978	0.973	0.983	1510	75.6
13C-PCB-81	1.16e+08	0.79 y	1.01	39:01	1.062	1.057	1.067	1610	80.7
13C-PCB-95	7.52e+07	1.60 y	0.80	35:47	0.913	0.908	0.918	1520	75.9
13C-PCB-97	7.01e+07	1.59 y	0.70	38:46	0.989	0.984	0.994	1620	81.0
13C-PCB-101	7.65e+07	1.57 y	0.80	37:29	0.956	0.951	0.961	1550	77.4
13C-PCB-104	8.45e+07	1.56 y	1.01	32:37	0.832	0.828	0.836	1360	67.9
13C-PCB-105	6.95e+07	1.60 y	1.14	43:02	0.929	0.924	0.934	1470	73.4
13C-PCB-114	6.89e+07	1.60 y	1.18	42:10	0.910	0.905	0.915	1400	70.2
13C-PCB-118	9.33e+07	1.58 y	1.00	41:31	1.059	1.054	1.064	1520	75.9
13C-PCB-123	8.99e+07	1.61 y	0.95	41:20	1.054	1.049	1.059	1540	77.1
13C-PCB-126	6.64e+07	1.54 y	1.14	45:16	0.977	0.972	0.982	1410	70.4
13C-PCB-127	7.29e+07	1.59 y	1.24	43:22	0.936	0.931	0.941	1410	70.7
13C-PCB-138	7.64e+07	1.25 y	1.17	44:46	0.967	0.962	0.972	1570	78.5
13C-PCB-141	7.28e+07	1.27 y	1.11	43:55	0.948	0.944	0.954	1580	79.2
13C-PCB-153	8.52e+07	1.28 y	1.34	43:11	0.932	0.928	0.938	1540	76.8
13C-PCB-155	9.74e+07	1.27 y	0.83	37:01	0.944	0.939	0.949	1910	95.7
13C-PCB-156	9.29e+07	1.27 y	1.38	48:01	1.037	1.032	1.042	1620	81.0
13C-PCB-157	9.25e+07	1.26 y	1.37	48:18	1.043	1.037	1.047	1620	81.2
13C-PCB-159	9.08e+07	1.28 y	1.39	46:03	0.994	0.989	0.999	1580	78.8
13C-PCB-167	9.31e+07	1.30 y	1.40	46:44	1.009	1.004	1.014	1600	80.2
13C-PCB-169	9.01e+07	1.26 y	1.39	50:30	1.090	1.085	1.095	1560	78.1
13C-PCB-170	4.71e+07	0.45 y	0.86	50:54	1.103	1.097	1.109	1640	81.9
13C-PCB-180	5.26e+07	0.46 y	0.98	49:19	1.069	1.064	1.074	1610	80.5
13C-PCB-188	6.92e+07	0.46 y	1.40	42:49	0.928	0.923	0.933	1480	73.9
13C-PCB-189	6.17e+07	0.45 y	1.15	52:31	1.138	1.132	1.144	1600	80.2
13C-PCB-194	4.81e+07	0.91 y	0.77	54:05	0.995	0.990	1.000	1640	81.9
13C-PCB-202	8.32e+07	0.90 y	1.28	48:14	1.046	1.040	1.050	1940	97.0
13C-PCB-206	5.64e+07	0.78 y	0.81	55:39	1.024	1.019	1.029	1830	91.3
13C-PCB-208	7.10e+07	0.78 y	1.09	53:20	0.981	0.977	0.987	1700	85.1
13C-PCB-209	6.10e+07	1.20 y	0.74	56:57	1.048	1.043	1.053	2170	109

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.30e+08	0.80 y	1.03	37:47	1.029	1.024	1.034	1760	88.1
13C-PCB-178	5.41e+07	0.46 y	0.93	45:37	0.985	0.980	0.990	1740	87.2

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.30e+08	0.80 y	1.03	37:47	0.968	0.963	0.973	2180	109
13C-PCB-178	5.41e+07	0.46 y	0.95	45:37	0.925	0.920	0.930	2160	108

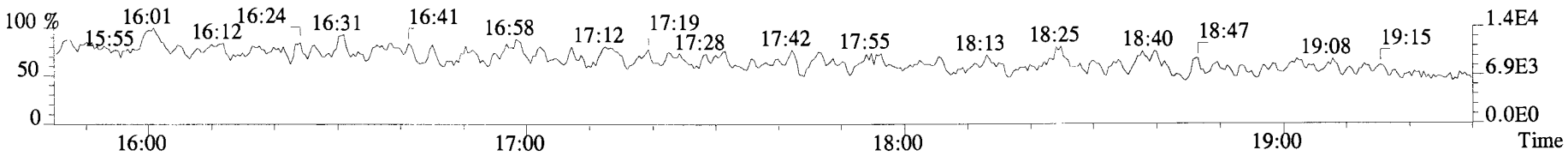
RS

Name	Resp	RA	RRF	RT	Conc
13C-PCB-15	1.38e+08	1.57 y	1.00	25:53	2000
13C-PCB-31	1.15e+08	1.05 y	1.00	28:57	2000
13C-PCB-60	1.43e+08	0.79 y	1.00	36:44	2000
13C-PCB-111	1.23e+08	1.58 y	1.00	39:12	2000
13C-PCB-128	8.30e+07	1.25 y	1.00	46:19	2000
13C-PCB-182	6.70e+07	0.46 y	1.00	46:08	2000
13C-PCB-205	7.64e+07	0.90 y	1.00	54:21	2000

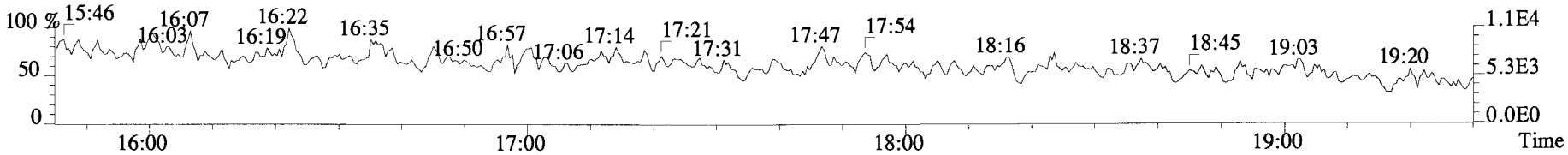
Analyst: DB

Date: 3/21/18

File:180314E1 #1-867 Acq:14-MAR-2018 19:20:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BLK1 Method Blank 1 Exp:PCB_ZB1
188.0393 S:8 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11904.0,0.00%,F,F)



190.0363 S:8 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8412.0,0.00%,F,F)



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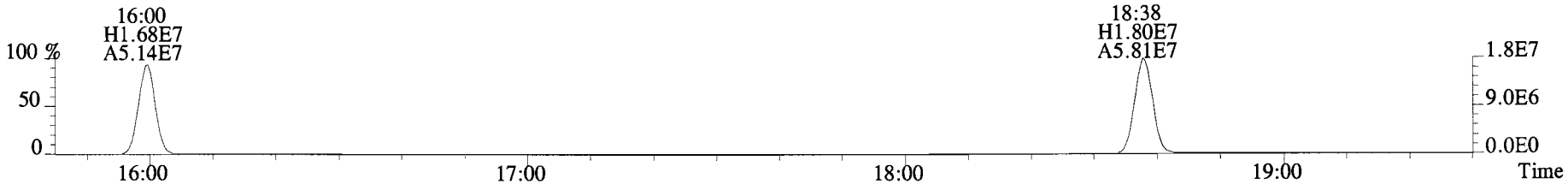
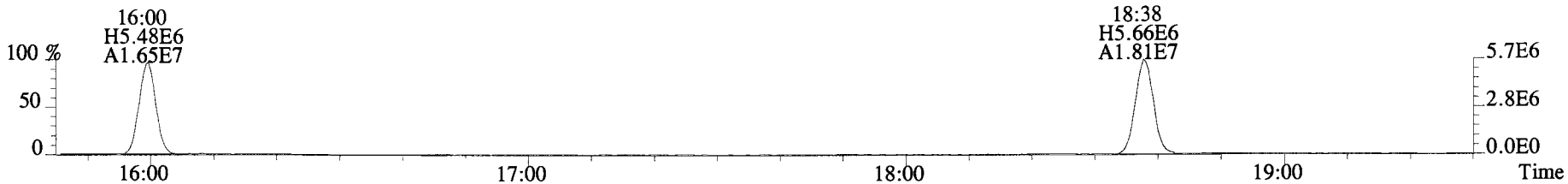
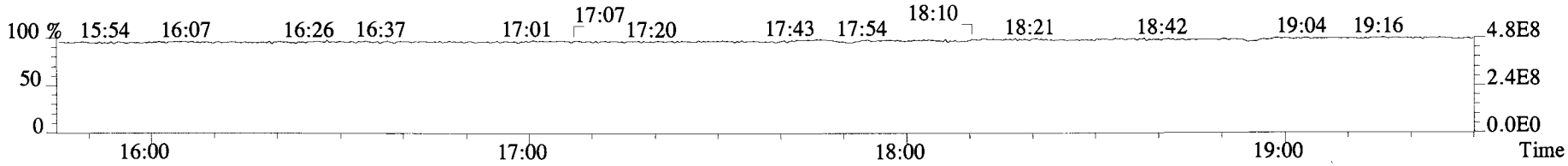


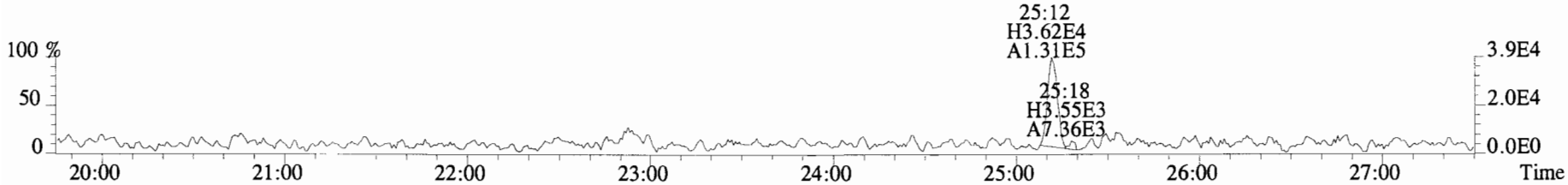
202.0766 S:8 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,30932.0,0.00%,F,F)



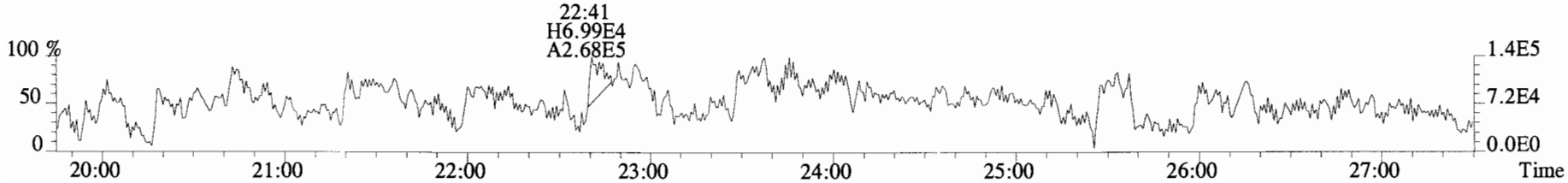
180.9880 S:8



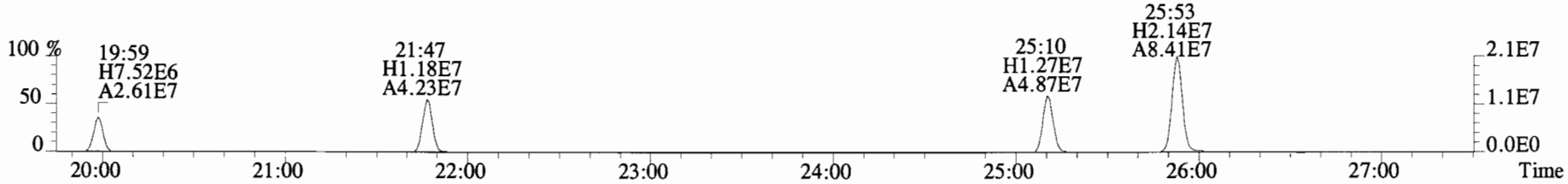
File:180314E1 #1-757 Acq:14-MAR-2018 19:20:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BLK1 Method Blank 1 Exp:PCB_ZB1
222.0003 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5492.0,0.00%,F,F)



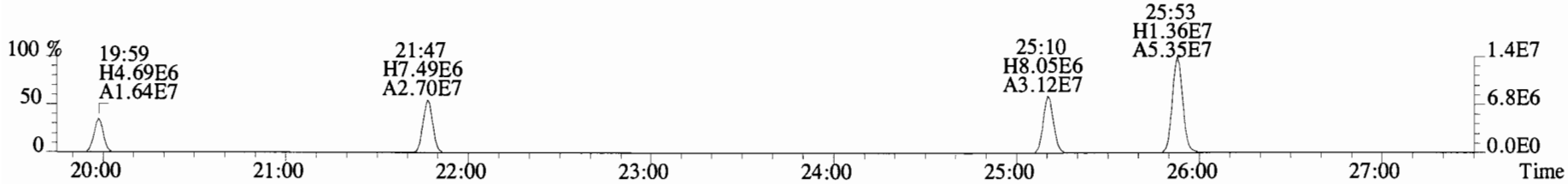
223.9974 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,95724.0,0.00%,F,F)



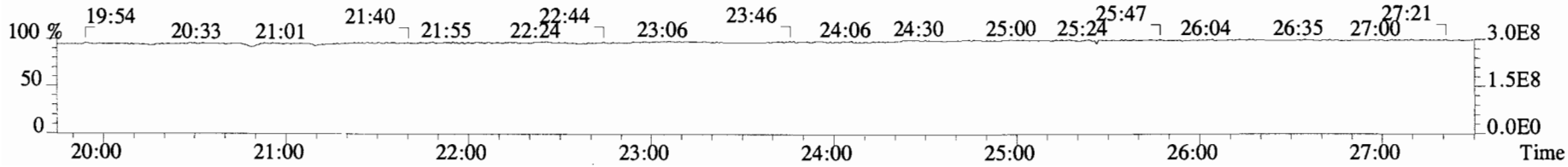
234.0406 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5964.0,0.00%,F,F)



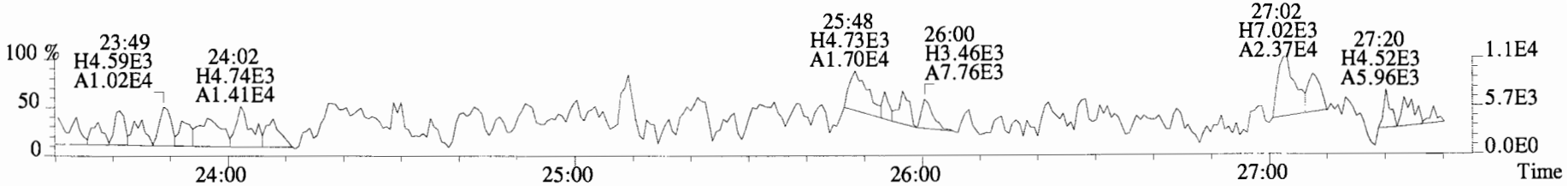
236.0376 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4804.0,0.00%,F,F)



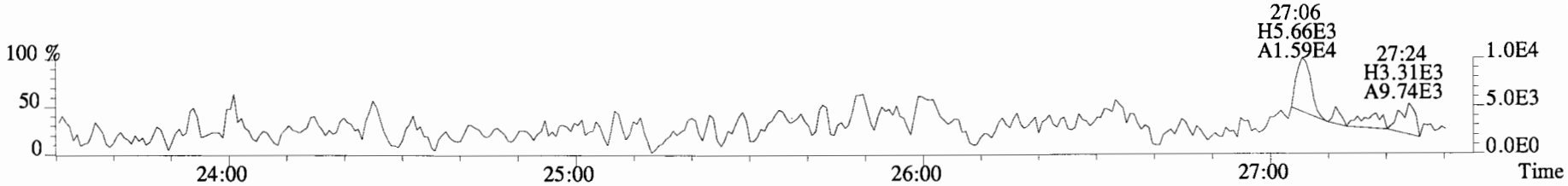
230.9856 S:8 F:2



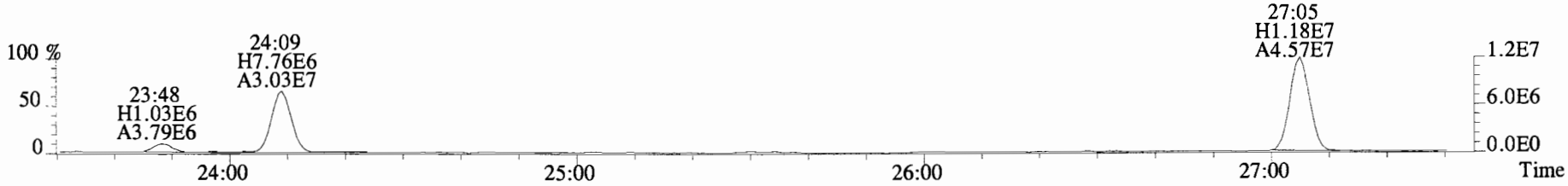
File:180314E1 #1-757 Acq:14-MAR-2018 19:20:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BLK1 Method Blank 1 Exp:PCB_ZB1
255.9613 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5408.0,0.00%,F,F)



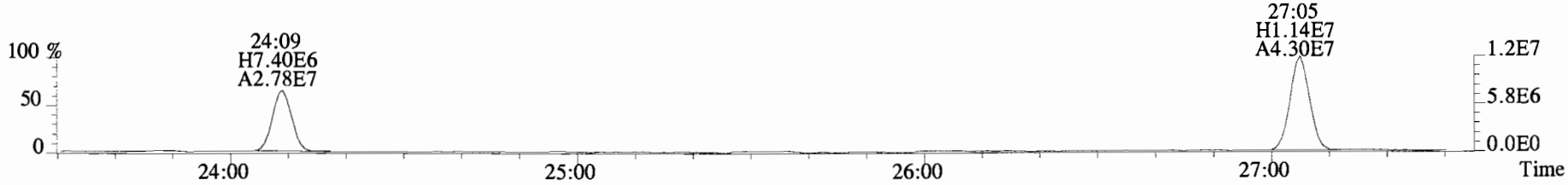
257.9584 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3620.0,0.00%,F,F)



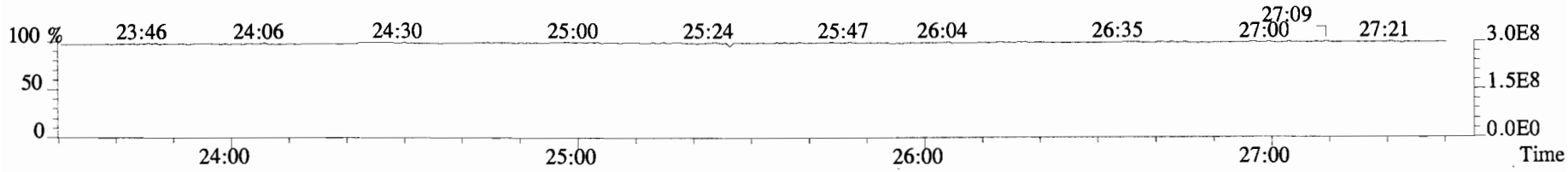
268.0016 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,199316.0,0.00%,F,F)



269.9986 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,210568.0,0.00%,F,F)

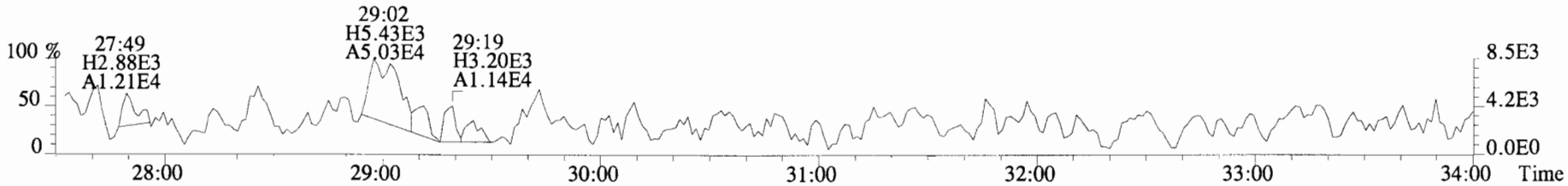


230.9856 S:8 F:2

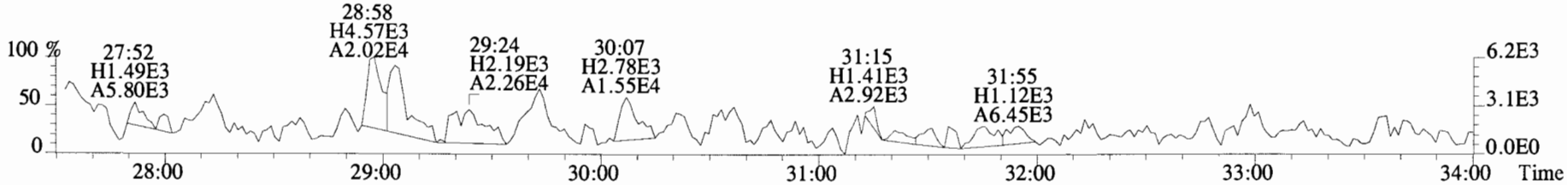


File:180314E1 #1-756 Acq:14-MAR-2018 19:20:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BLK1 Method Blank 1 Exp:PCB_ZB1

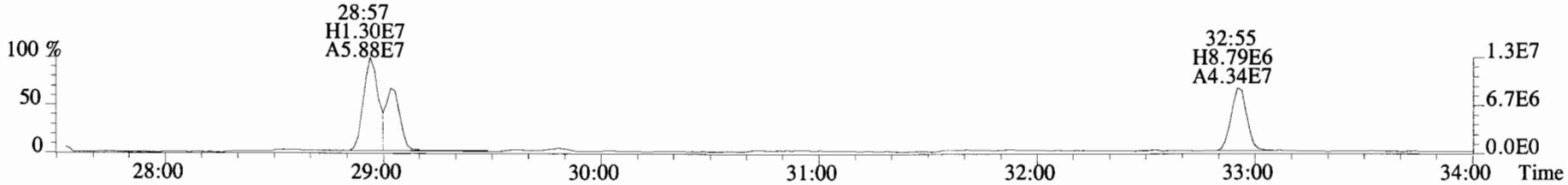
255.9613 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3544.0,0.00%,F,F)



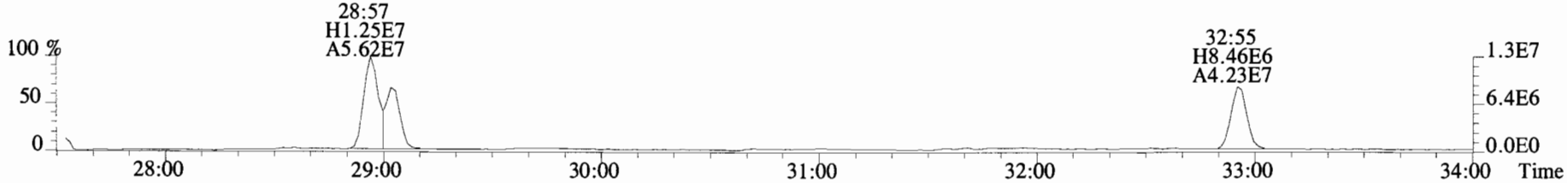
257.9584 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1876.0,0.00%,F,F)



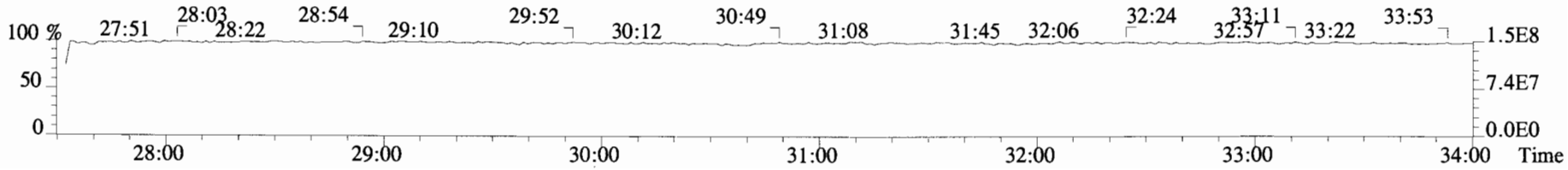
268.0016 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,460744.0,0.00%,F,F)



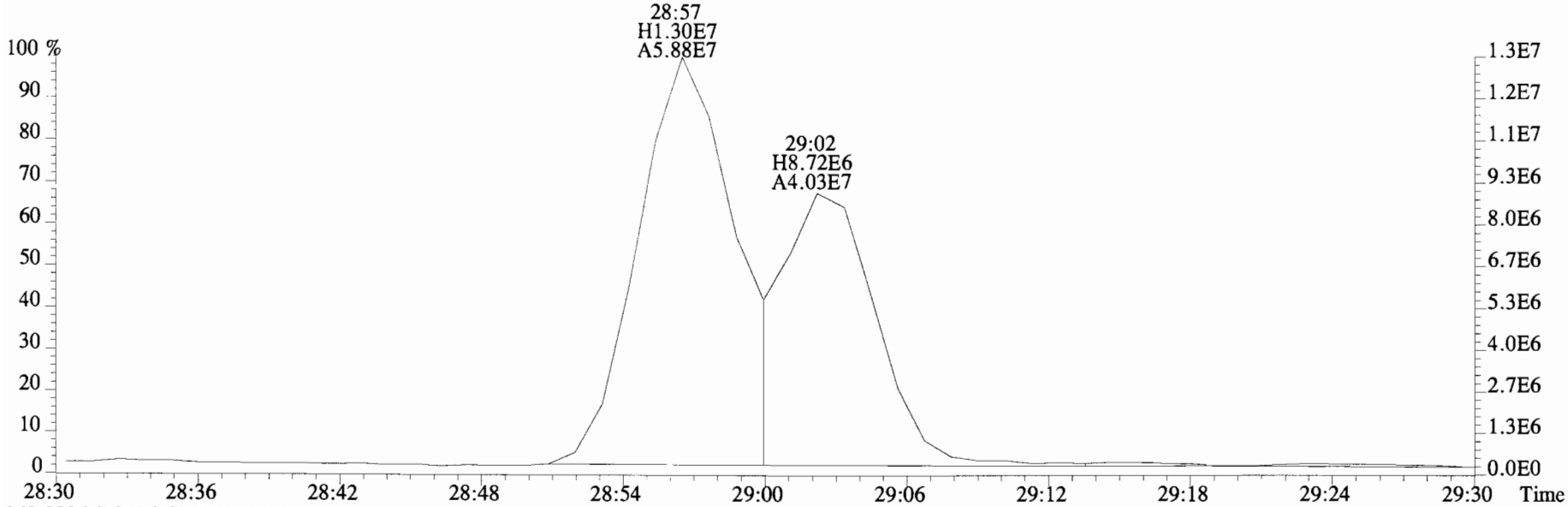
269.9986 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,491468.0,0.00%,F,F)



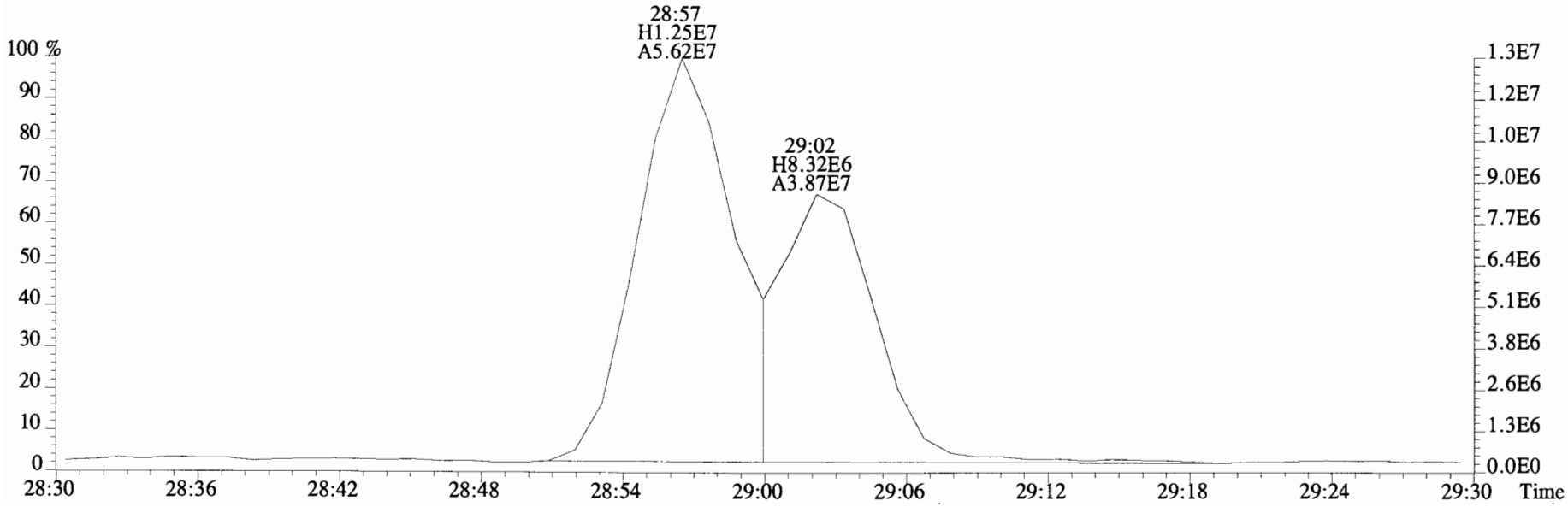
330.9792 S:8 F:3



File:180314E1 #1-756 Acq:14-MAR-2018 19:20:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BLK1 Method Blank 1 Exp:PCB_ZB1
268.0016 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,460744.0,0.00%,F,F)

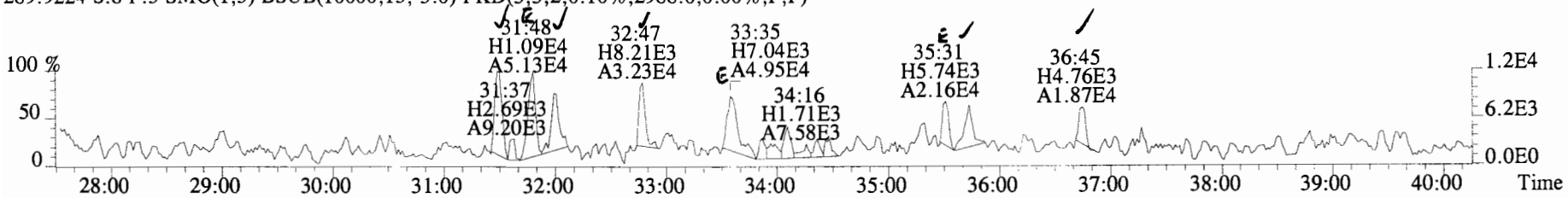


269.9986 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,491468.0,0.00%,F,F)

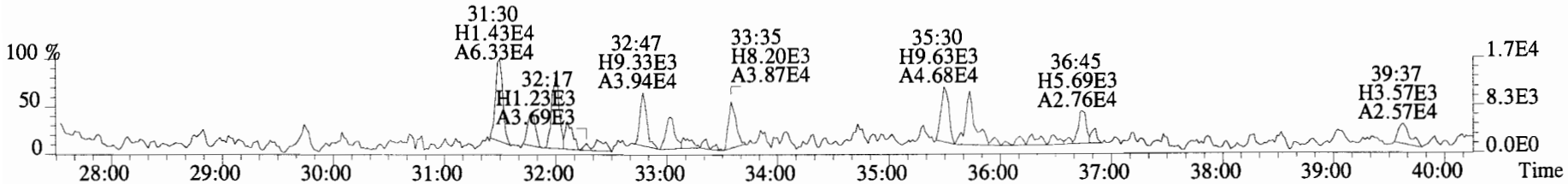


File:180314E1 #1-756 Acq:14-MAR-2018 19:20:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BLK1 Method Blank 1 Exp:PCB_ZB1

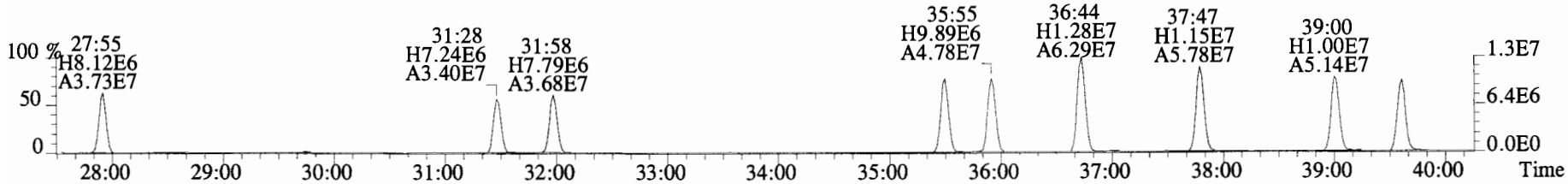
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2988.0,0.00%,F,F)



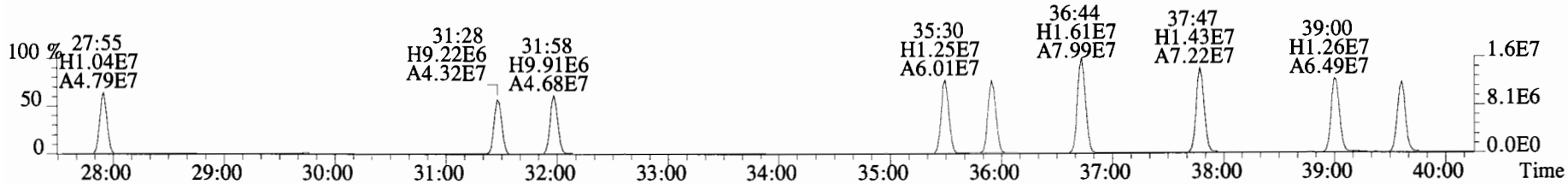
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2528.0,0.00%,F,F)



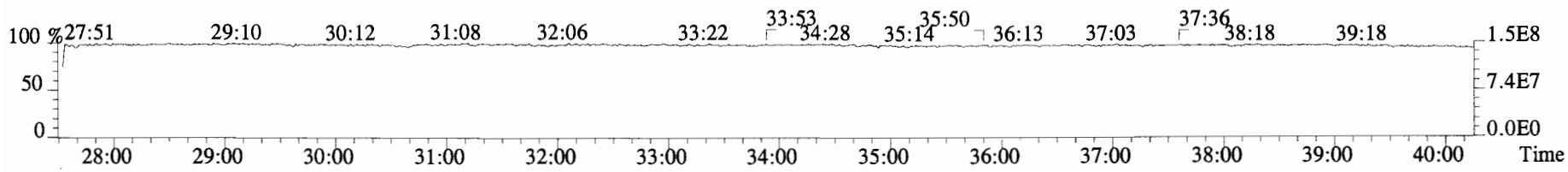
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,95384.0,0.00%,F,F)



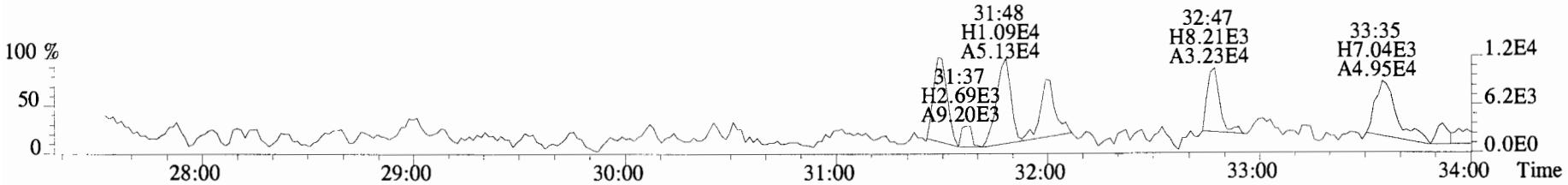
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37632.0,0.00%,F,F)



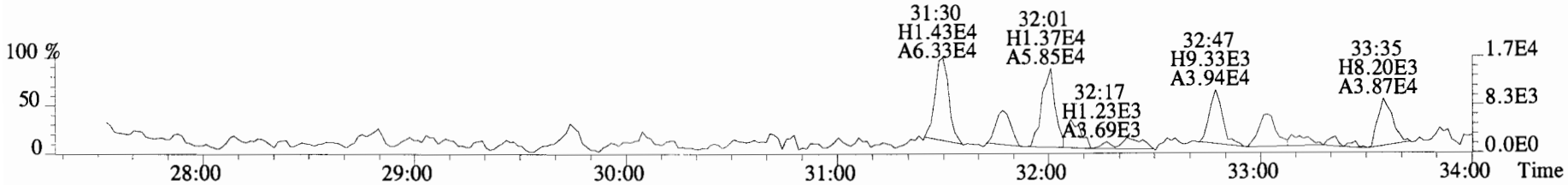
330.9792 S:8 F:3



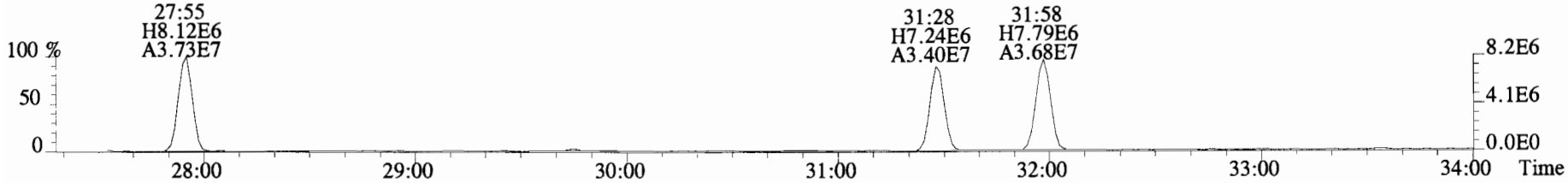
File:180314E1 #1-756 Acq:14-MAR-2018 19:20:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BLK1 Method Blank 1 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2988.0,0.00%,F,F)



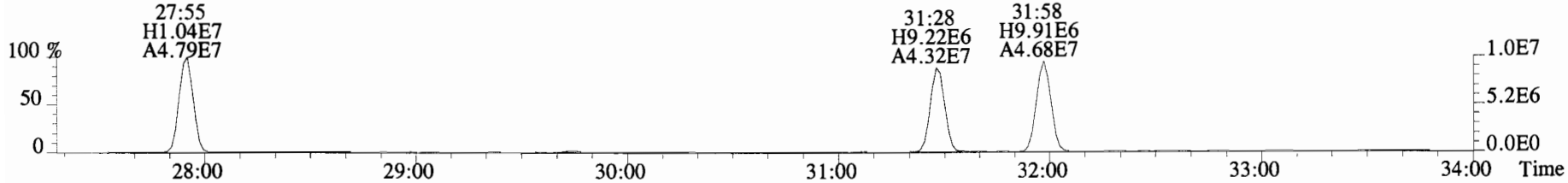
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2528.0,0.00%,F,F)



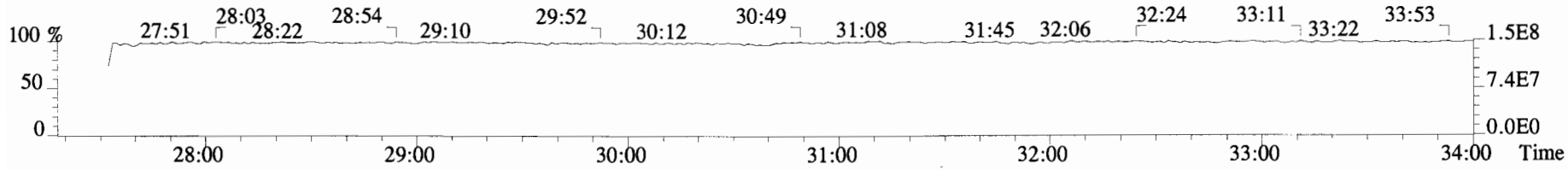
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,95384.0,0.00%,F,F)



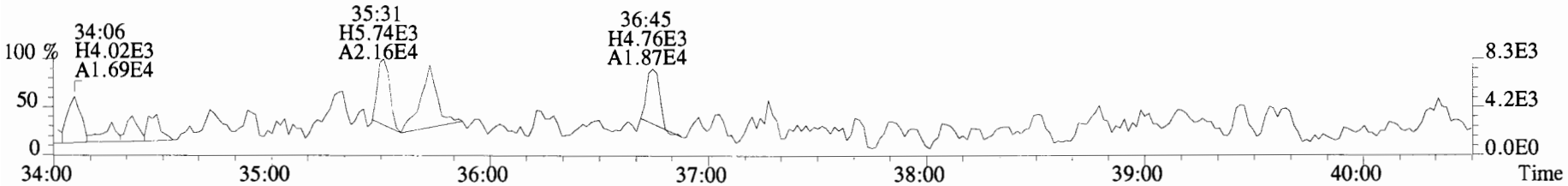
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37632.0,0.00%,F,F)



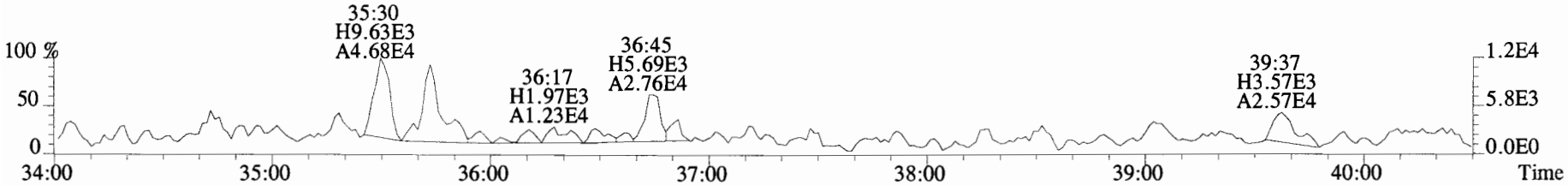
330.9792 S:8 F:3



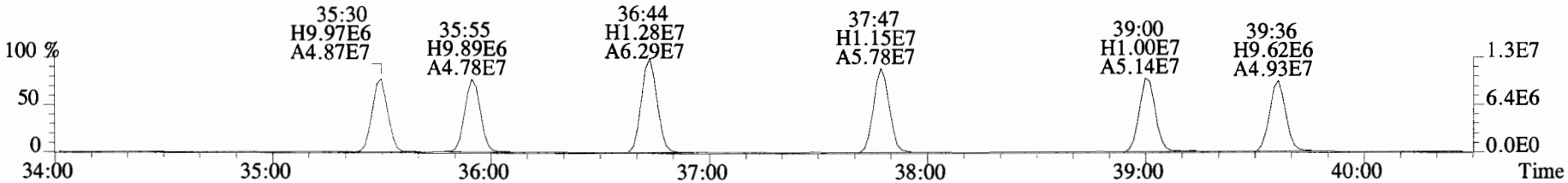
File:180314E1 #1-756 Acq:14-MAR-2018 19:20:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BLK1 Method Blank 1 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2988.0,0.00%,F,F)



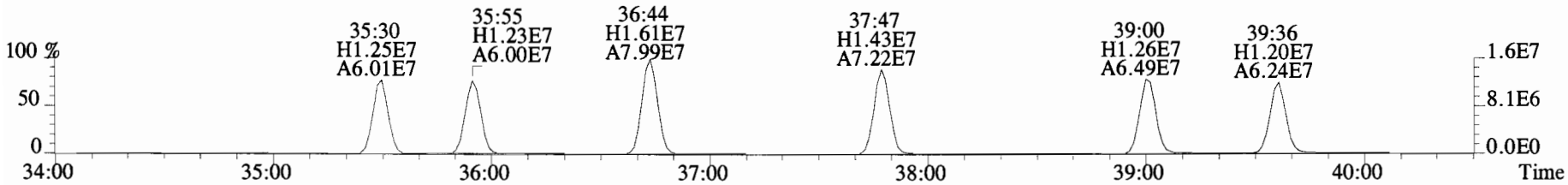
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2528.0,0.00%,F,F)



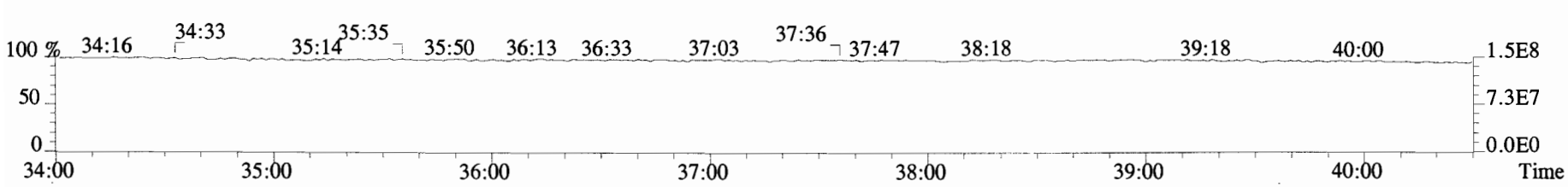
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,95384.0,0.00%,F,F)



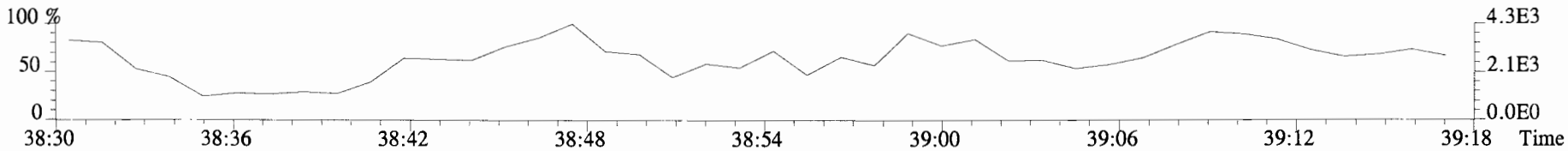
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37632.0,0.00%,F,F)



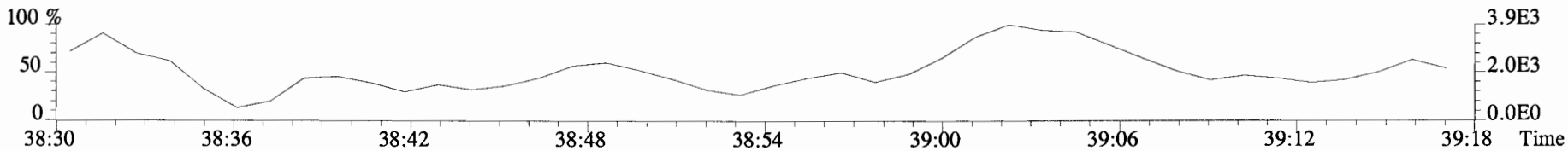
330.9792 S:8 F:3



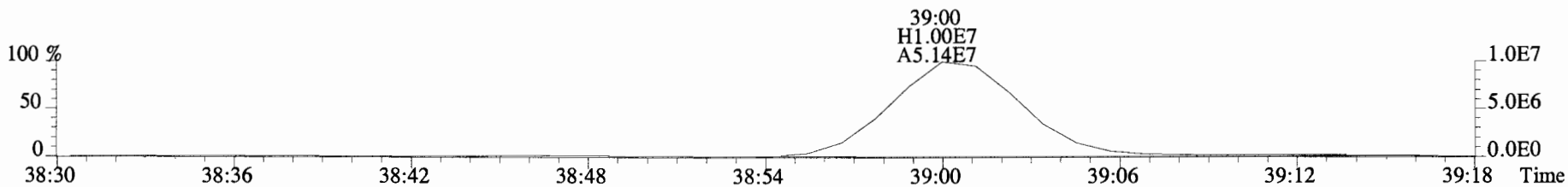
File:180314E1 #1-756 Acq:14-MAR-2018 19:20:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BLK1 Method Blank 1 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2988.0,0.00%,F,F)



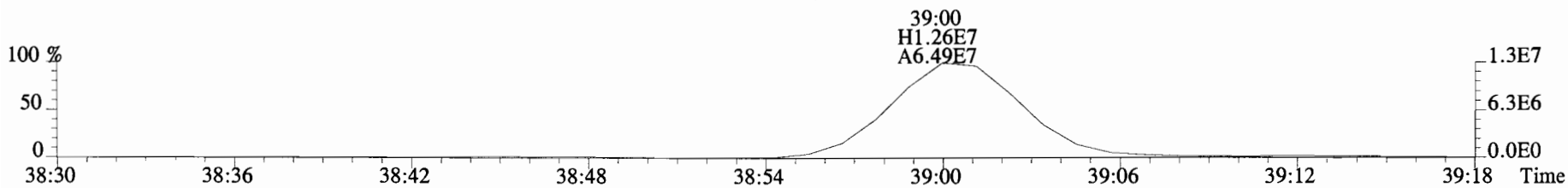
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2528.0,0.00%,F,F)



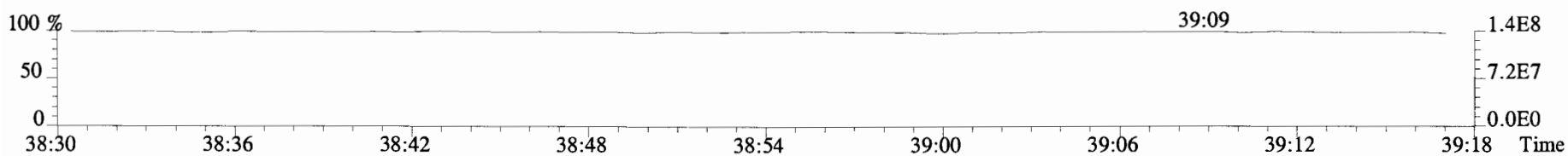
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,95384.0,0.00%,F,F)



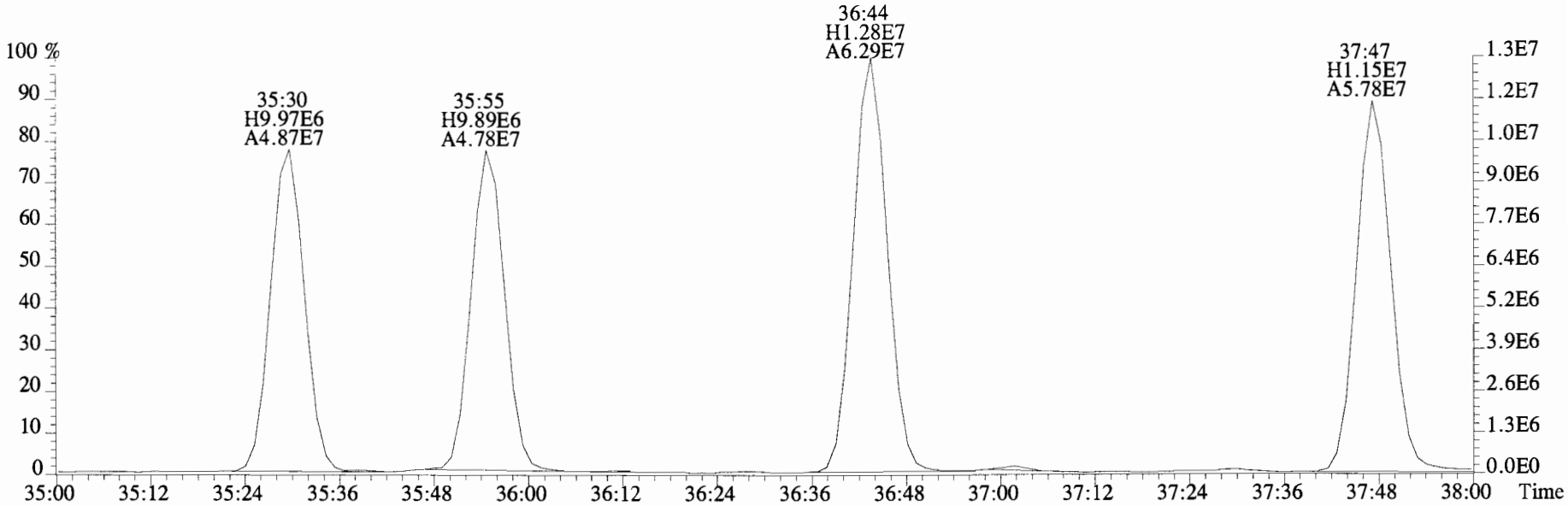
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37632.0,0.00%,F,F)



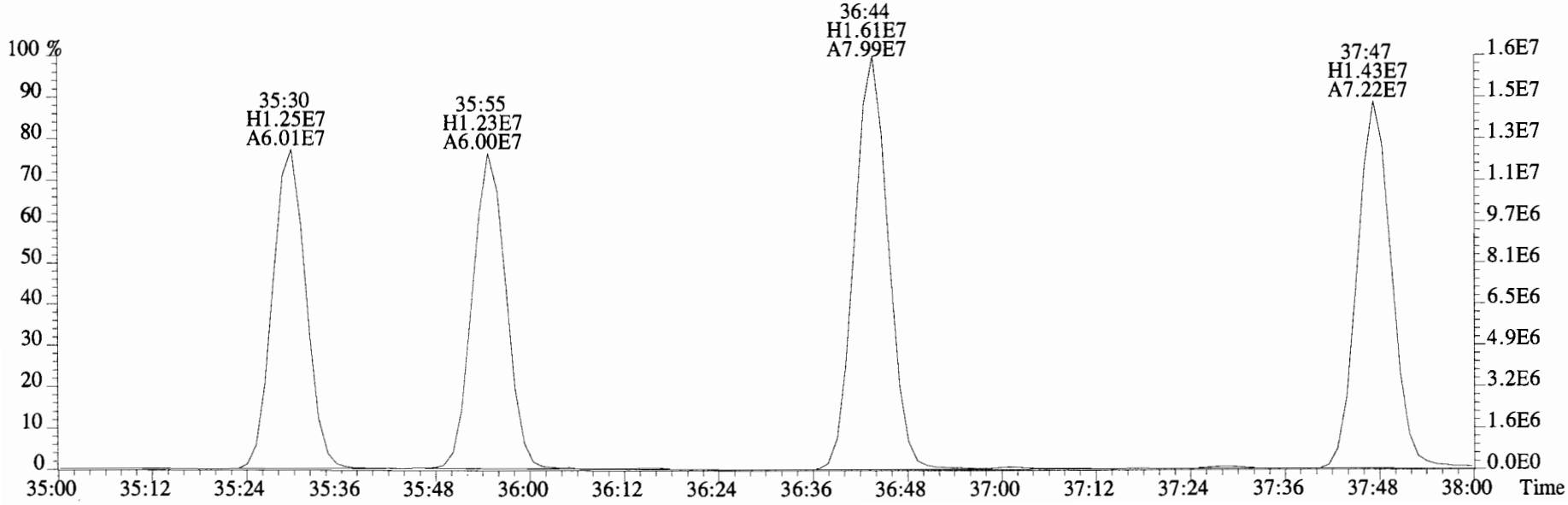
330.9792 S:8 F:3



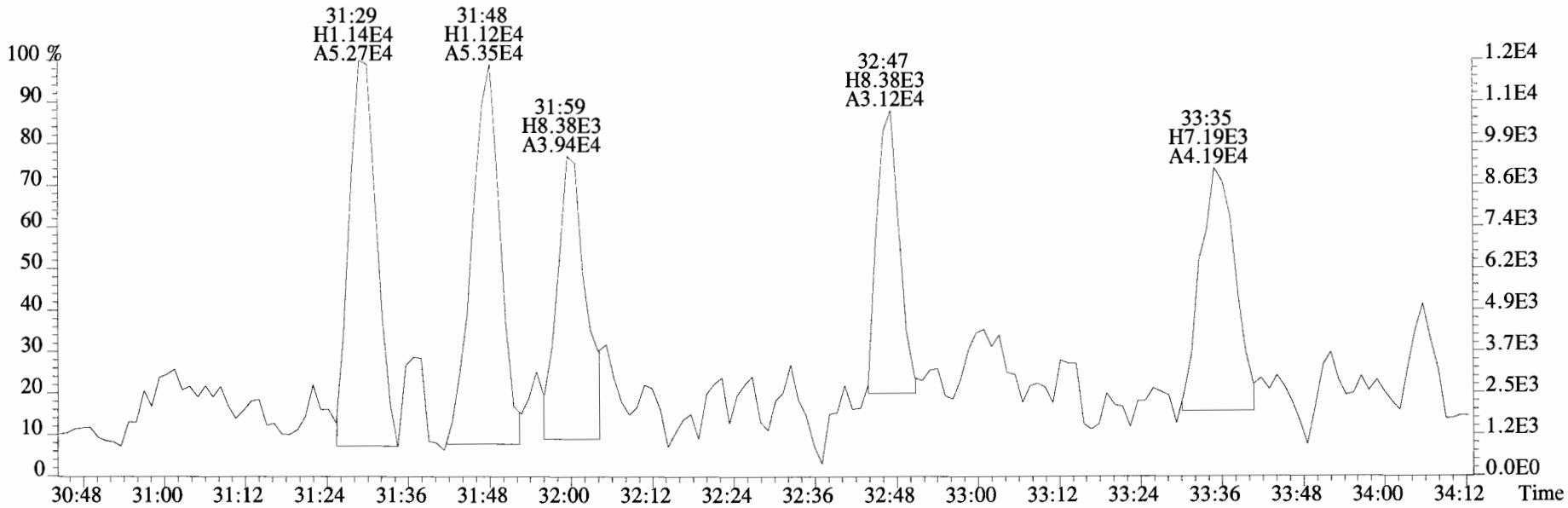
File:180314E1 #1-756 Acq:14-MAR-2018 19:20:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BLK1 Method Blank 1 Exp:PCB_ZB1
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,95384.0,0.00%,F,F)



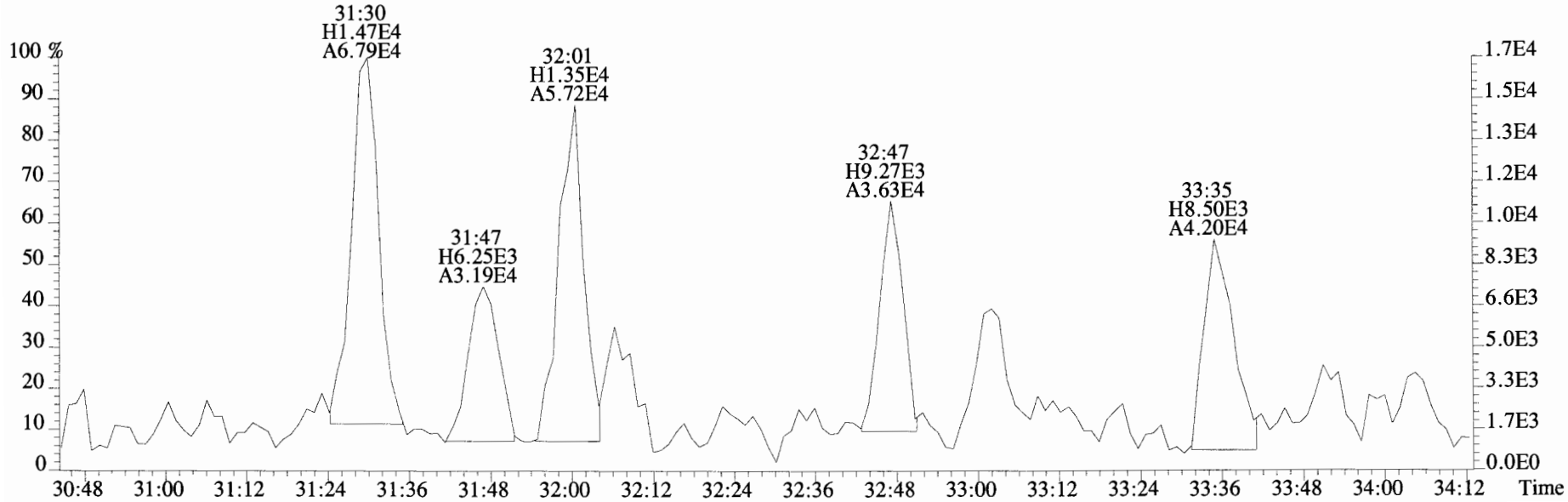
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37632.0,0.00%,F,F)



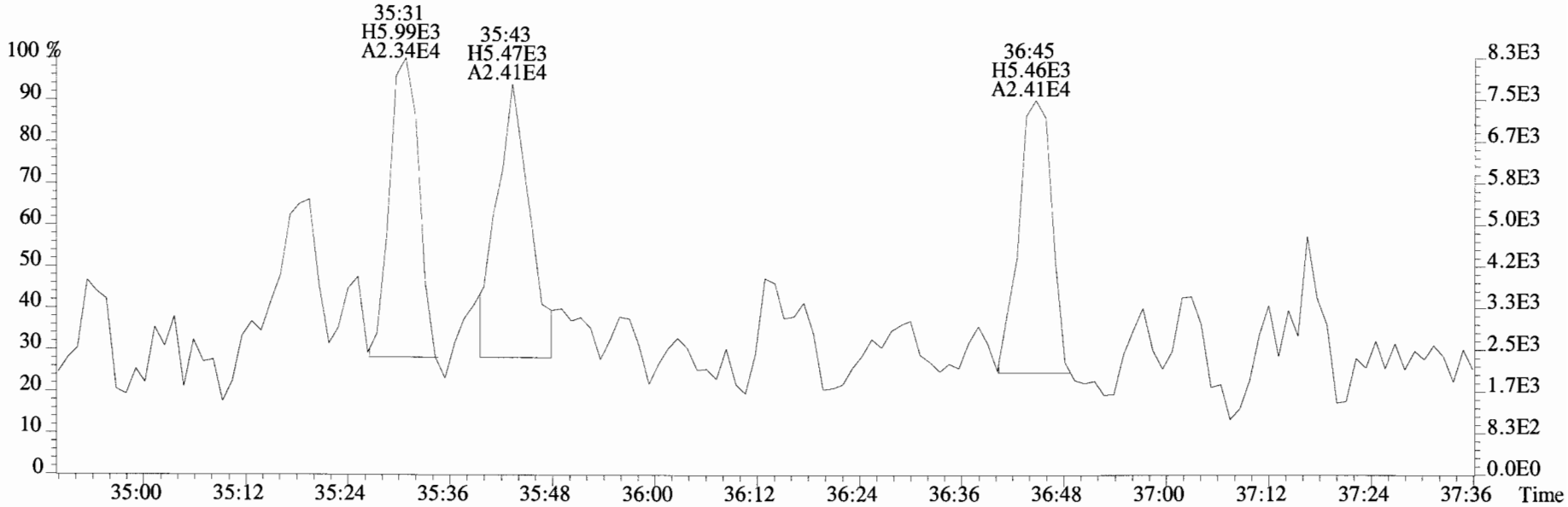
File:180314E1 #1-756 Acq:14-MAR-2018 19:20:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BLK1 Method Blank 1 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2988.0,0.00%,F,F)



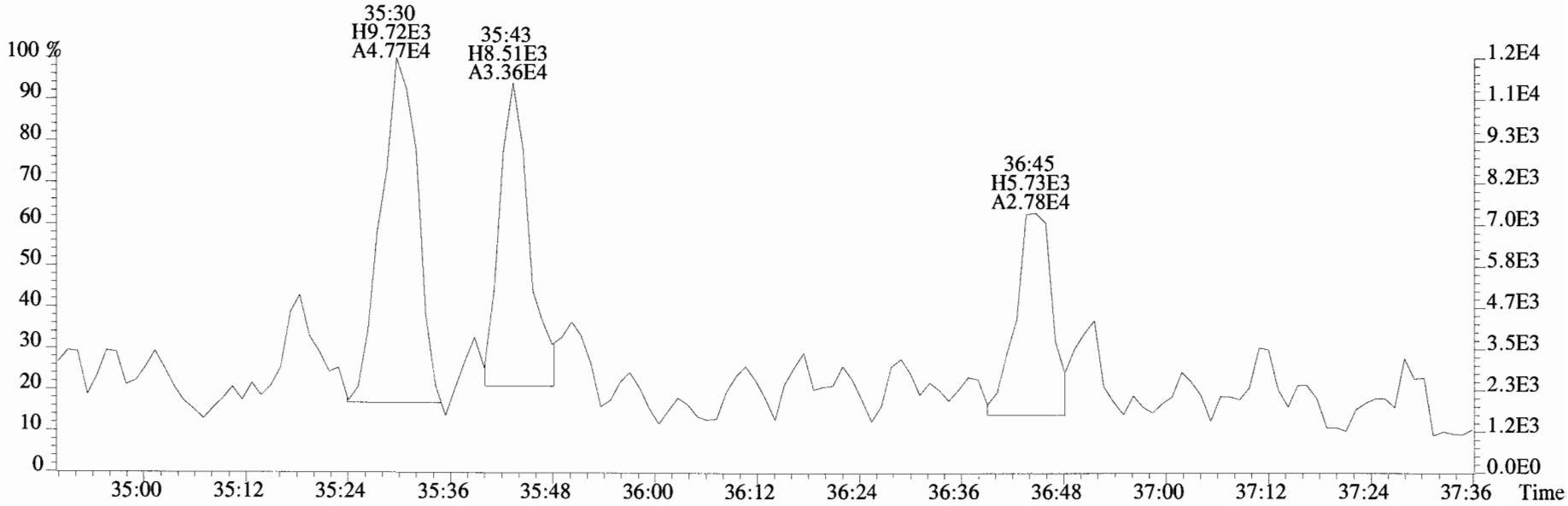
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2528.0,0.00%,F,F)



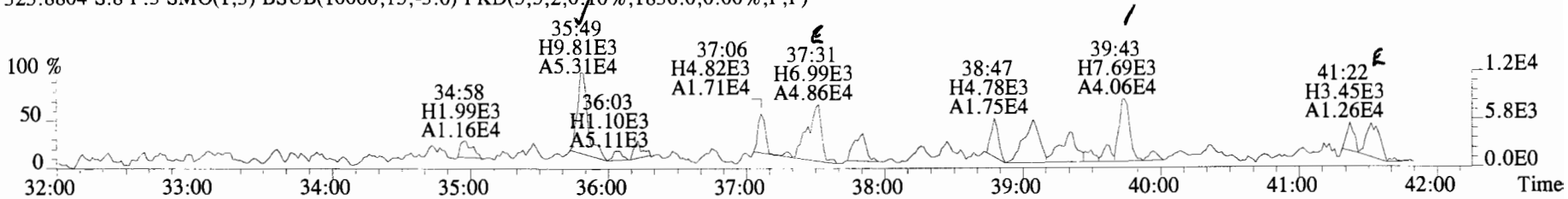
File:180314E1 #1-756 Acq:14-MAR-2018 19:20:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BLK1 Method Blank 1 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2988.0,0.00%,F,F)



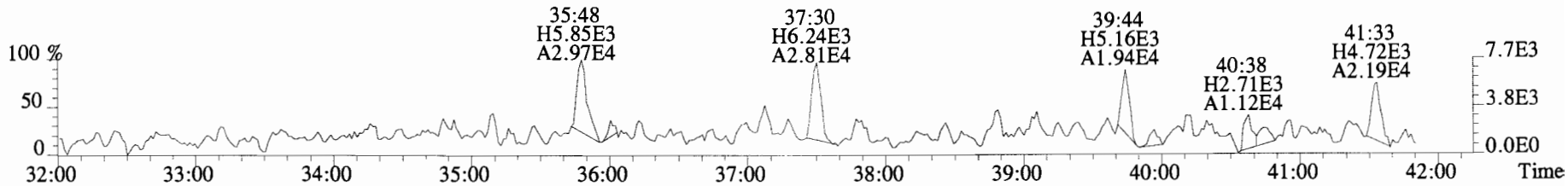
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2528.0,0.00%,F,F)



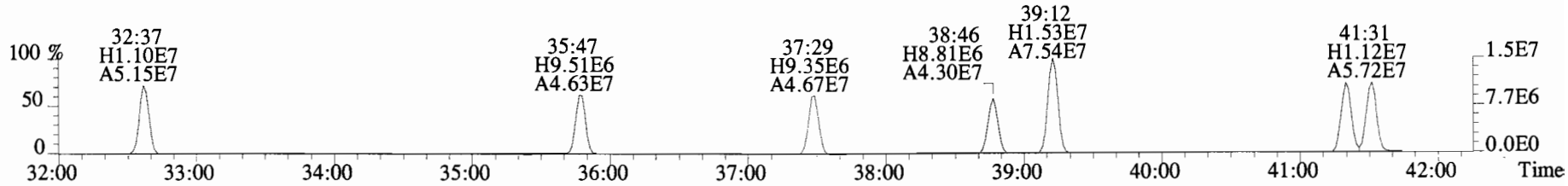
File:180314E1 #1-756 Acq:14-MAR-2018 19:20:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BLK1 Method Blank 1 Exp:PCB_ZB1
325.8804 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1836.0,0.00%,F,F)



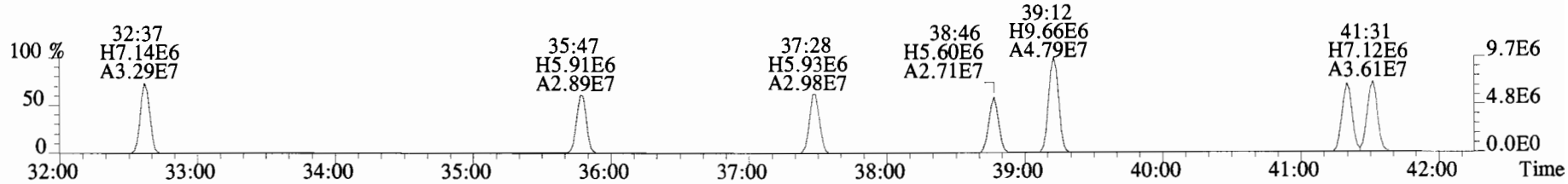
327.8775 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2048.0,0.00%,F,F)



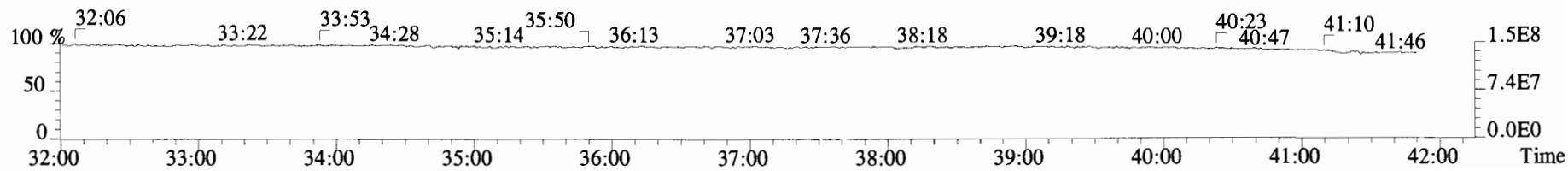
337.9207 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5344.0,0.00%,F,F)



339.9177 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4120.0,0.00%,F,F)

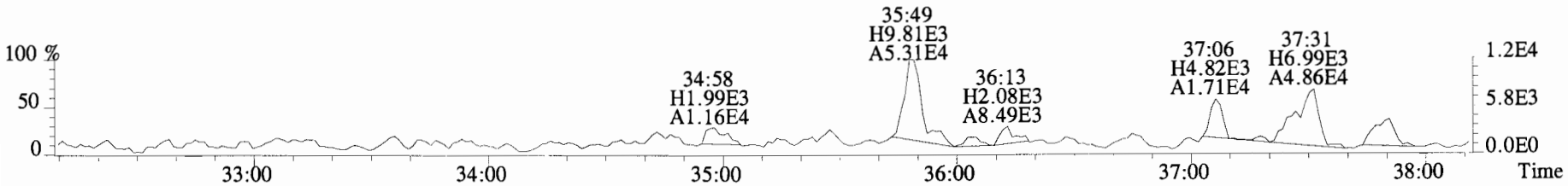


330.9792 S:8 F:3

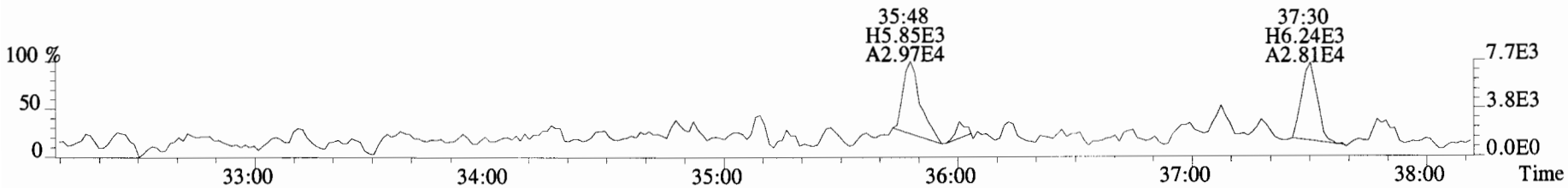


File:180314E1 #1-756 Acq:14-MAR-2018 19:20:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BLK1 Method Blank 1 Exp:PCB_ZB1

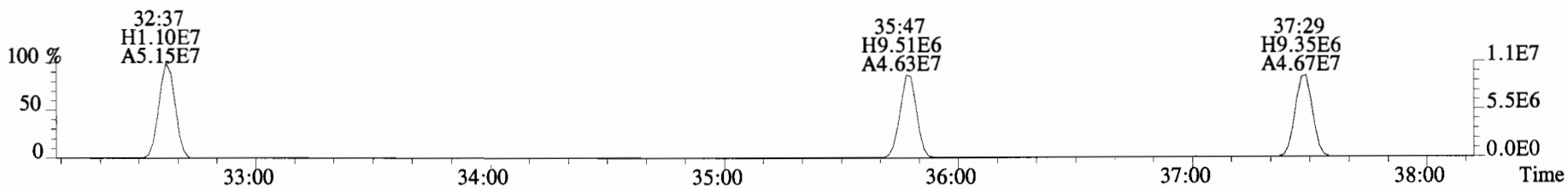
325.8804 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1836.0,0.00%,F,F)



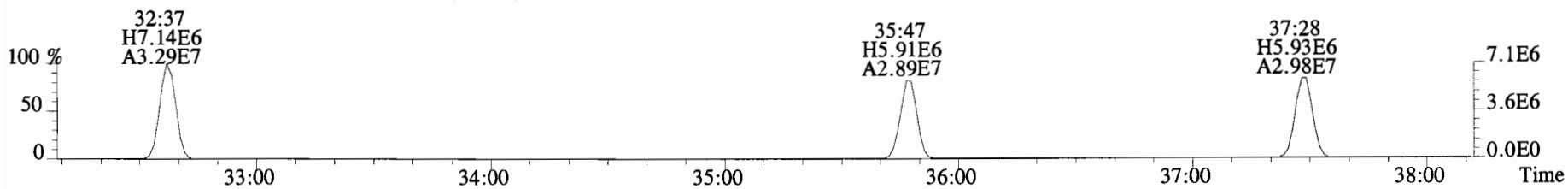
327.8775 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2048.0,0.00%,F,F)



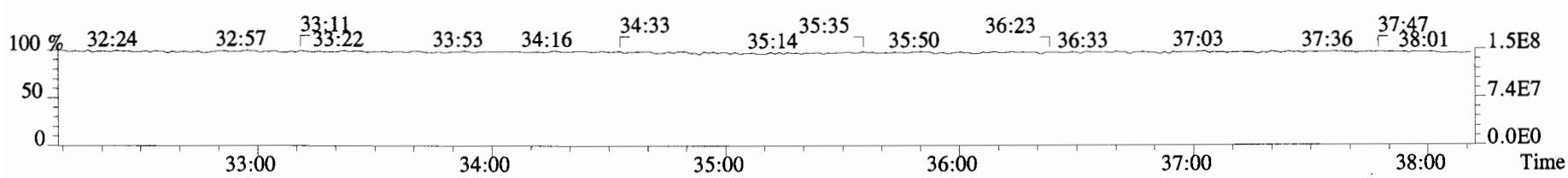
337.9207 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5344.0,0.00%,F,F)



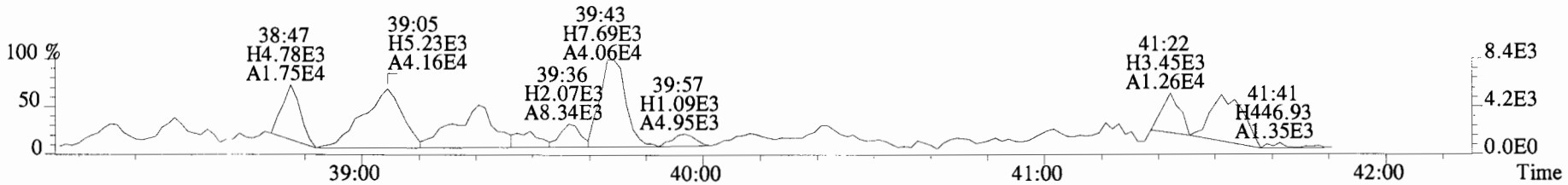
339.9177 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4120.0,0.00%,F,F)



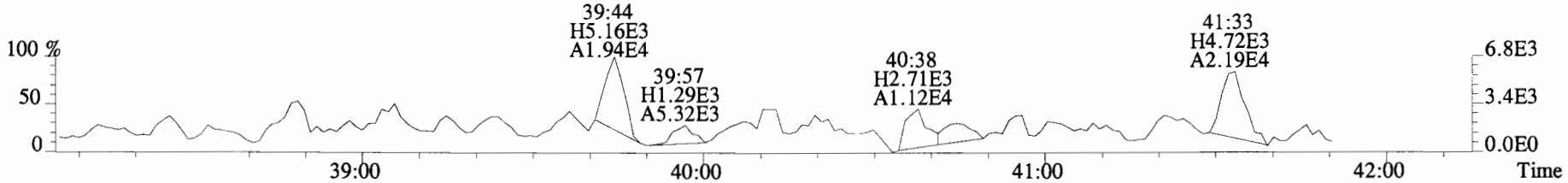
330.9792 S:8 F:3



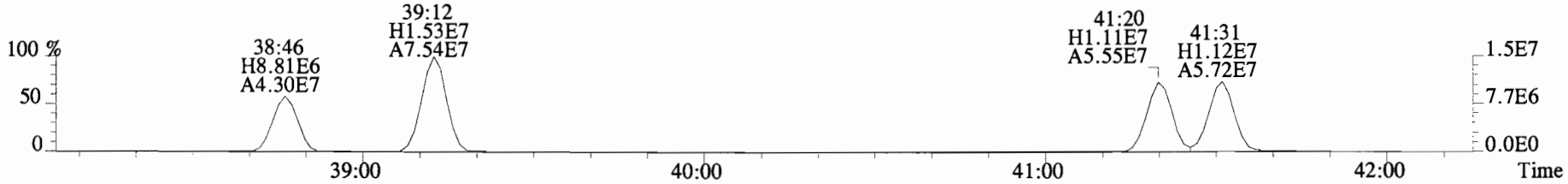
File:180314E1 #1-756 Acq:14-MAR-2018 19:20:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BLK1 Method Blank 1 Exp:PCB_ZB1
325.8804 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1836.0,0.00%,F,F)



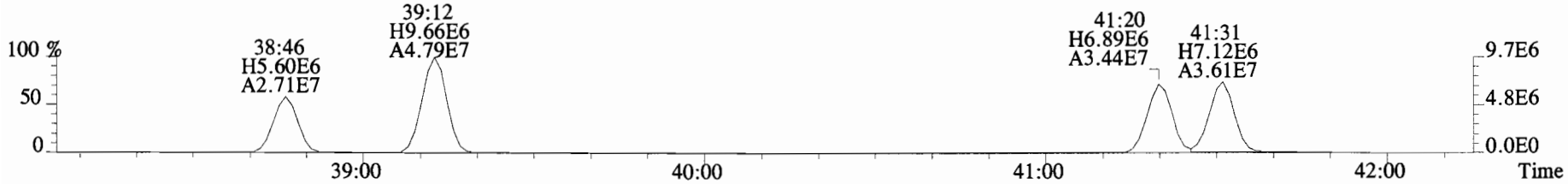
327.8775 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2048.0,0.00%,F,F)



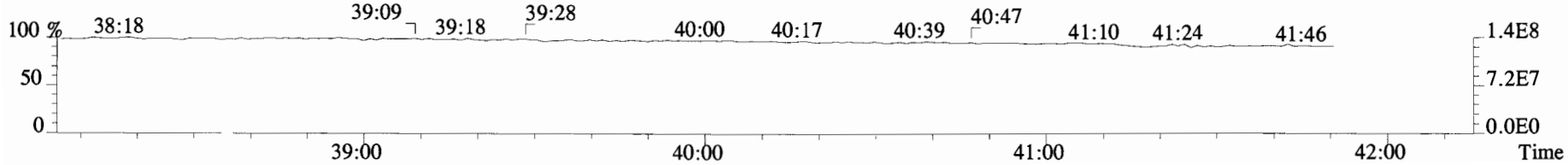
337.9207 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5344.0,0.00%,F,F)



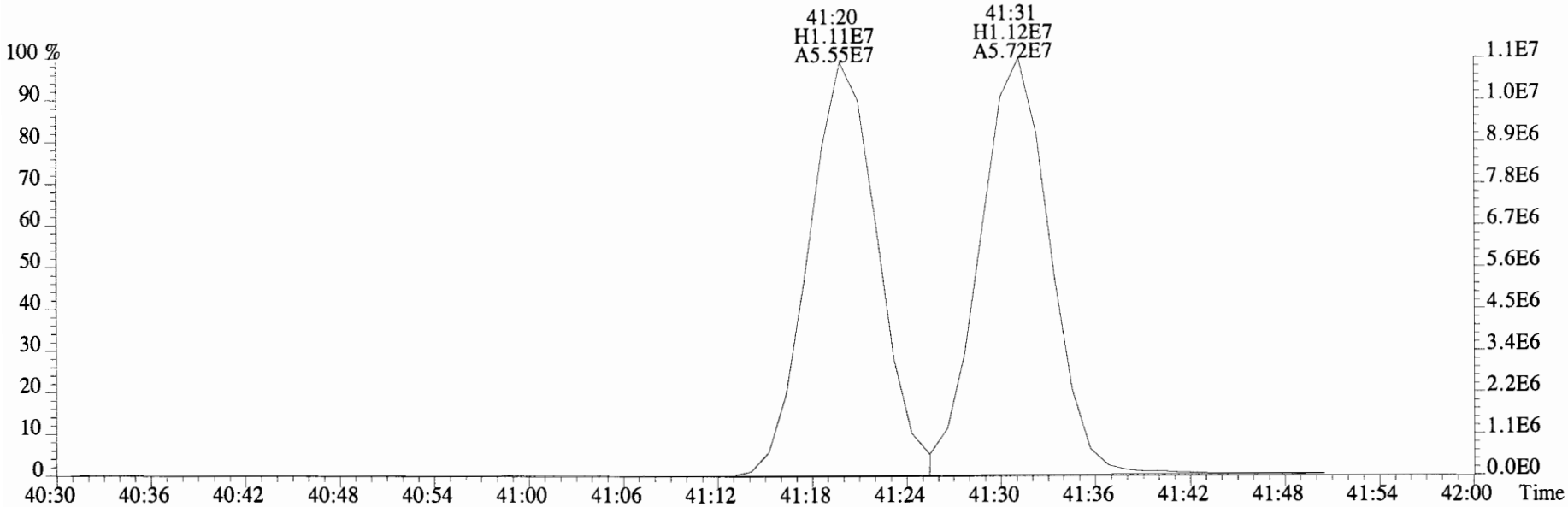
339.9177 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4120.0,0.00%,F,F)



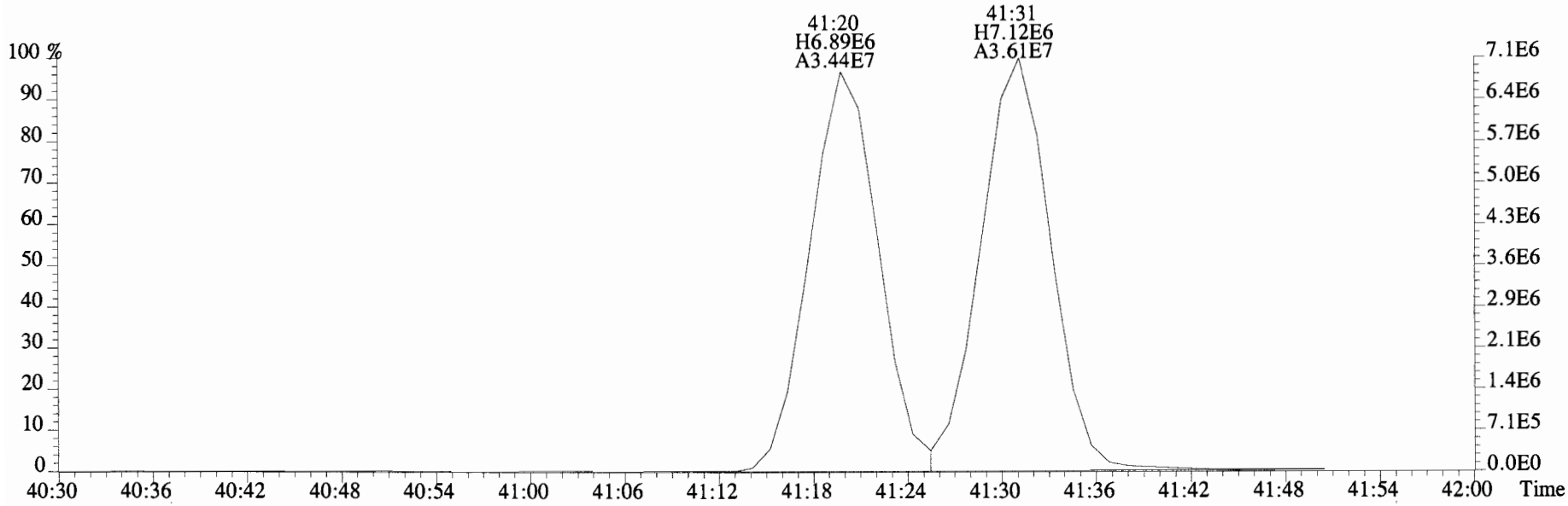
330.9792 S:8 F:3



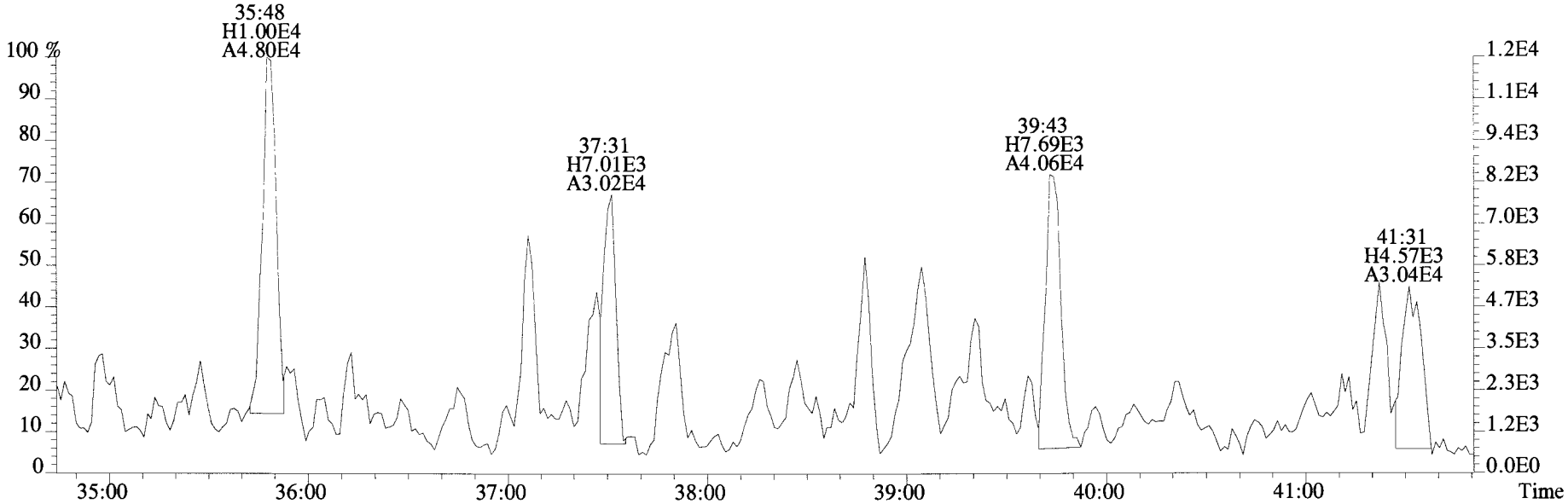
File:180314E1 #1-756 Acq:14-MAR-2018 19:20:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BLK1 Method Blank 1 Exp:PCB_ZB1
337.9207 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5344.0,0.00%,F,F)



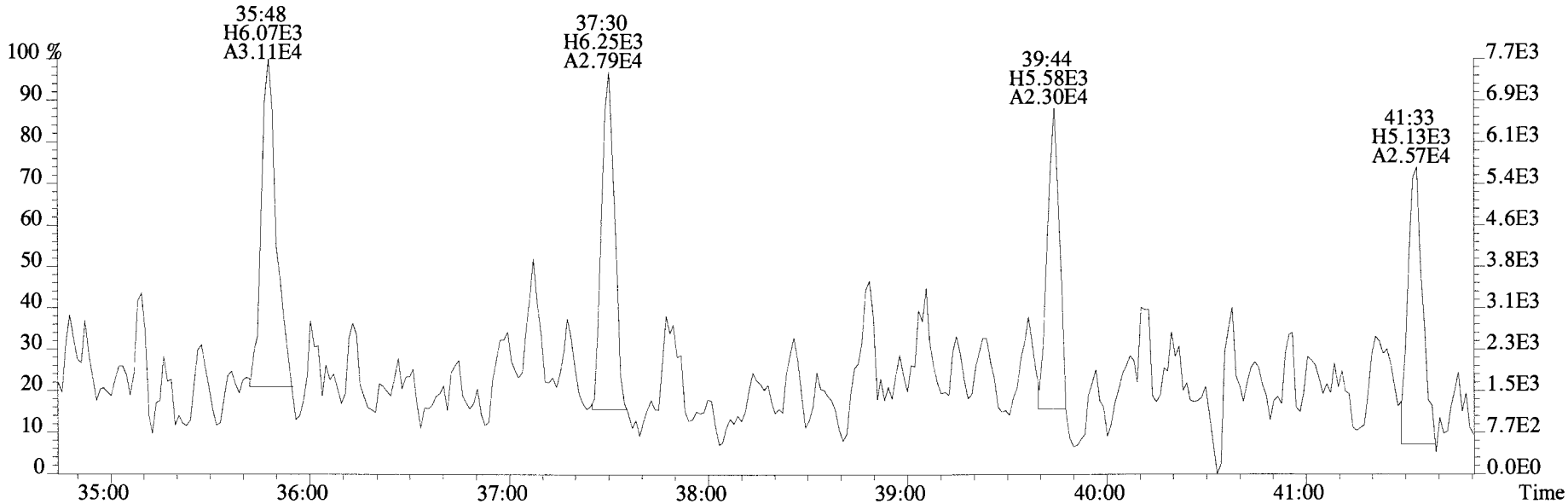
339.9177 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4120.0,0.00%,F,F)



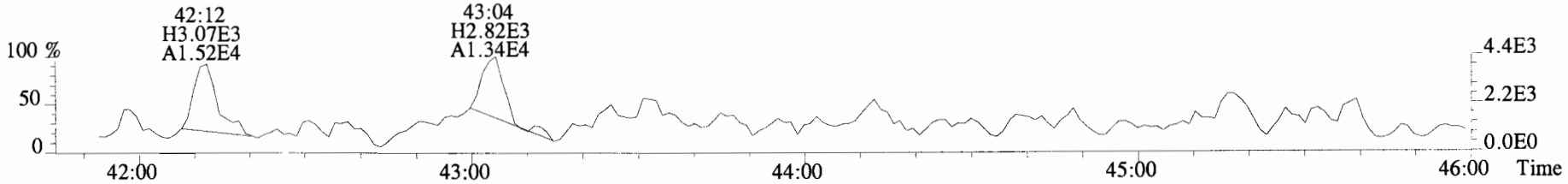
File:180314E1 #1-756 Acq:14-MAR-2018 19:20:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BLK1 Method Blank 1 Exp:PCB_ZB1
325.8804 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1836.0,0.00%,F,F)



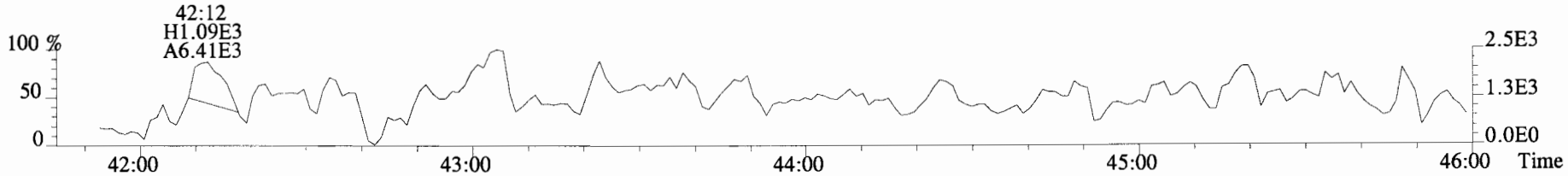
327.8775 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2048.0,0.00%,F,F)



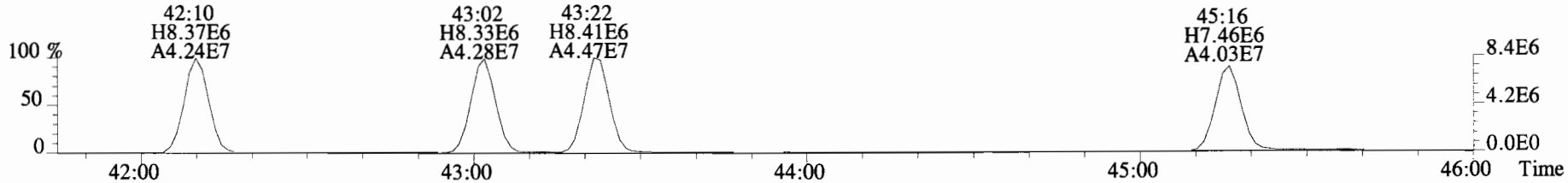
File:180314E1 #1-574 Acq:14-MAR-2018 19:20:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BLK1 Method Blank 1 Exp:PCB_ZB1
325.8804 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1580.0,0.00%,F,F)



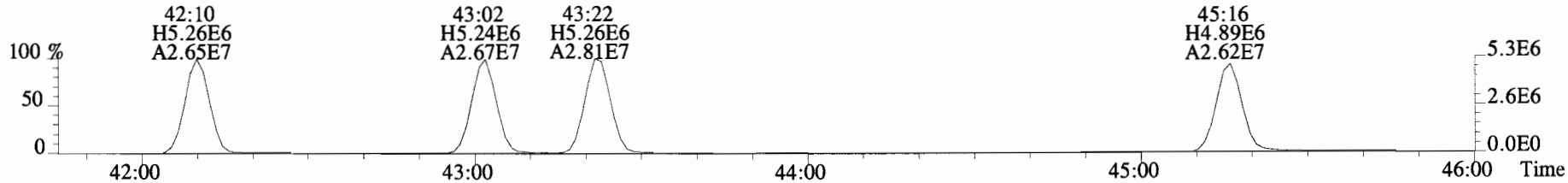
327.8775 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1548.0,0.00%,F,F)



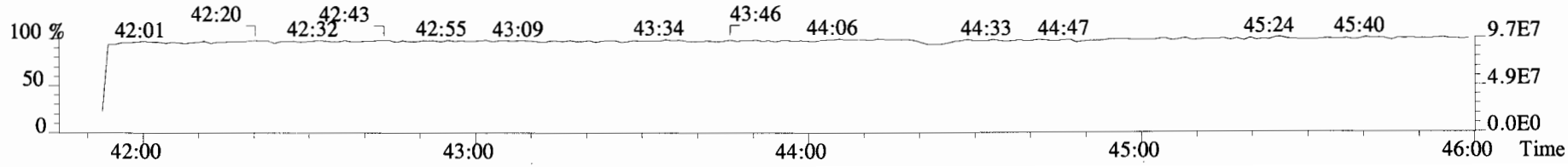
337.9207 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7456.0,0.00%,F,F)



339.9177 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5664.0,0.00%,F,F)

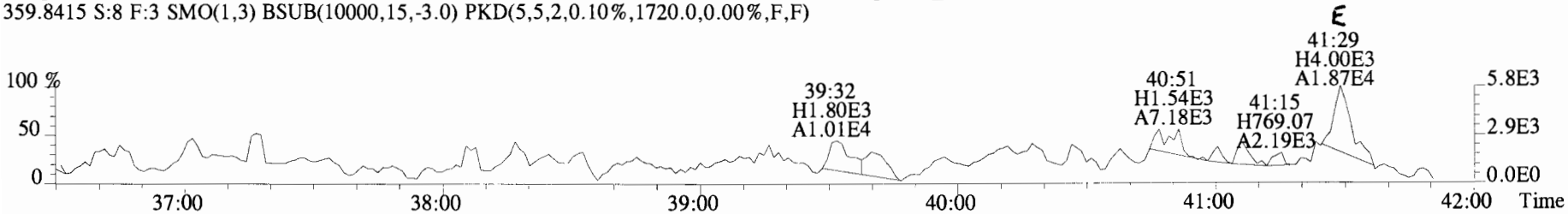


380.9760 S:8 F:4

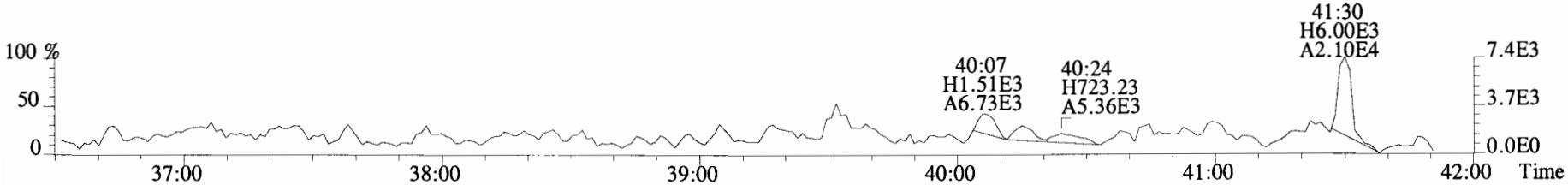


File:180314E1 #1-756 Acq:14-MAR-2018 19:20:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BLK1 Method Blank 1 Exp:PCB_ZB1

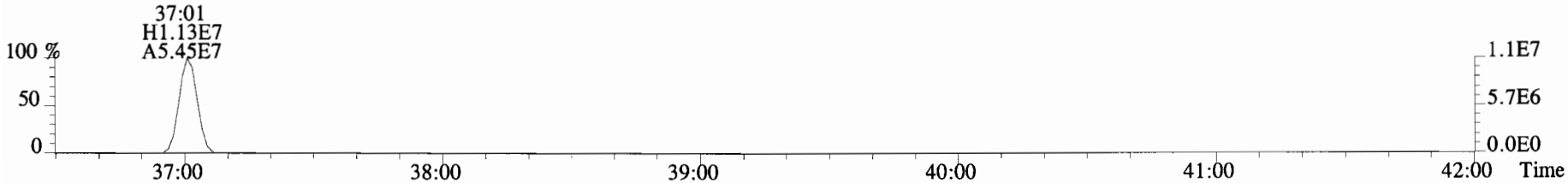
359.8415 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1720.0,0.00%,F,F)



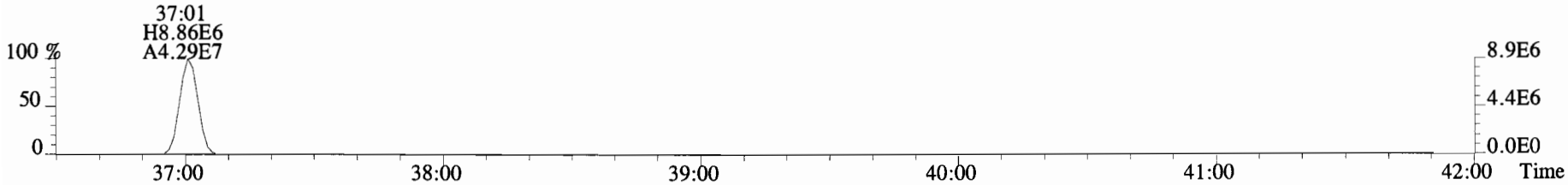
361.8385 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1824.0,0.00%,F,F)



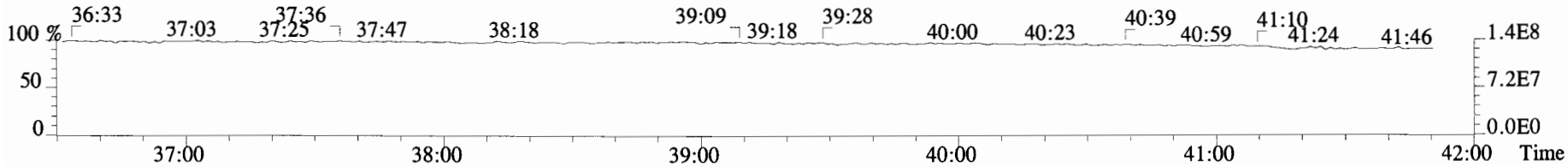
371.8817 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2104.0,0.00%,F,F)



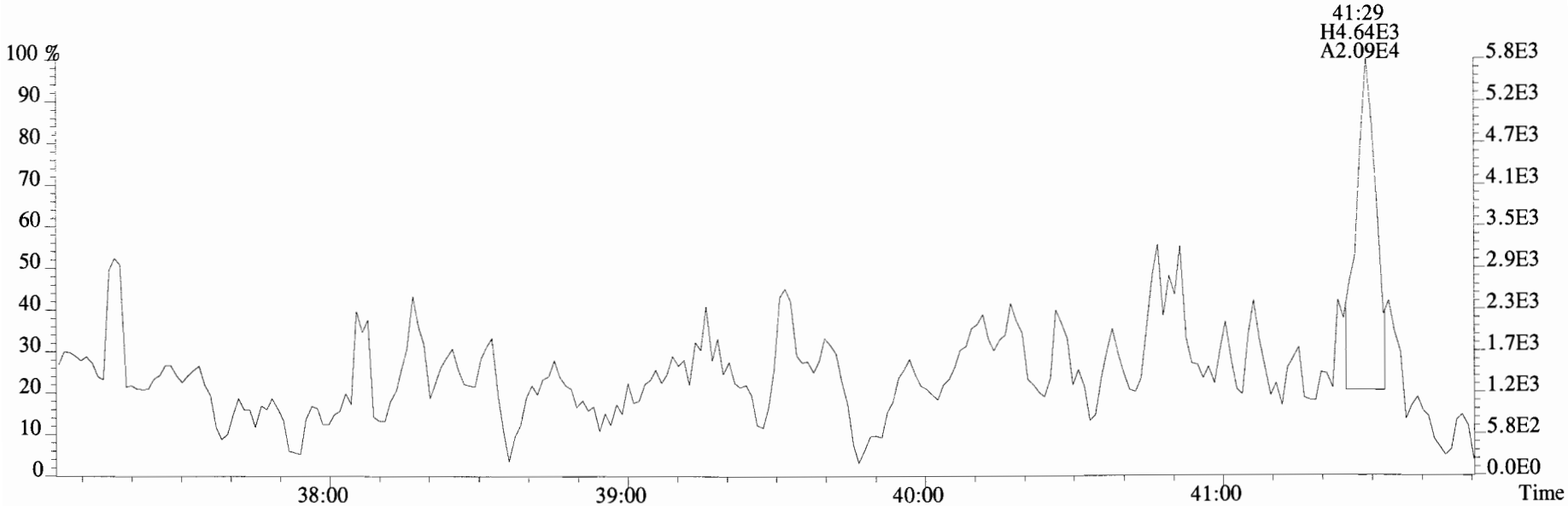
373.8788 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2672.0,0.00%,F,F)



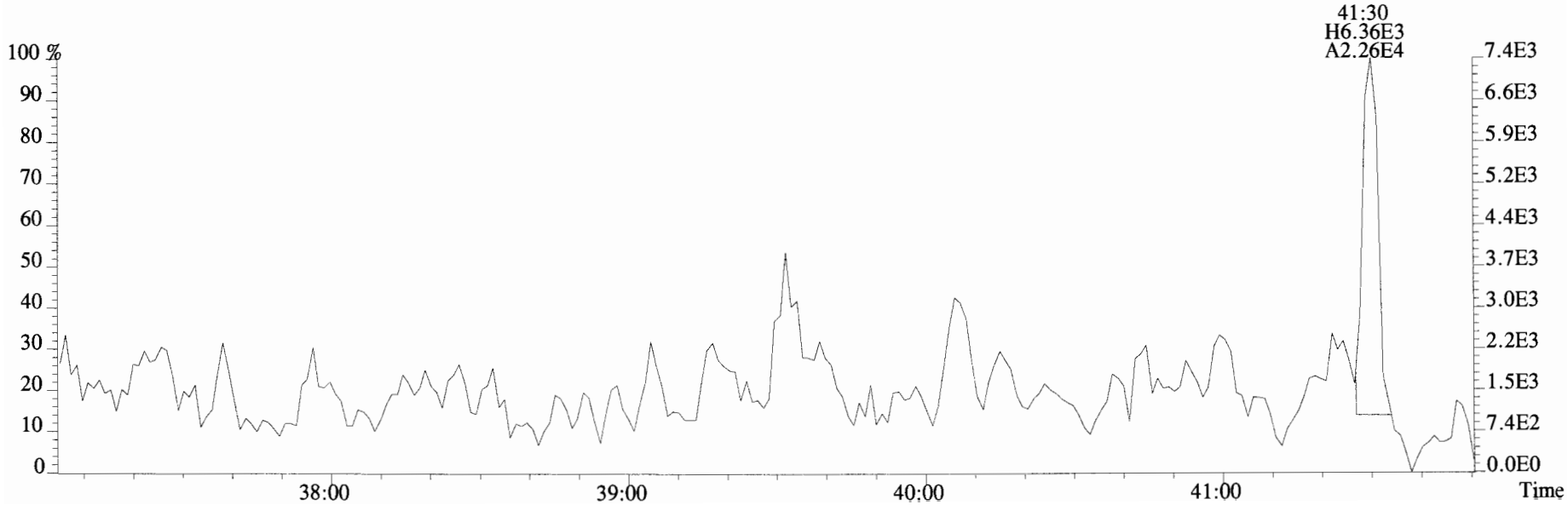
330.9792 S:8 F:3



File:180314E1 #1-756 Acq:14-MAR-2018 19:20:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BLK1 Method Blank 1 Exp:PCB_ZB1
359.8415 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1720.0,0.00%,F,F)

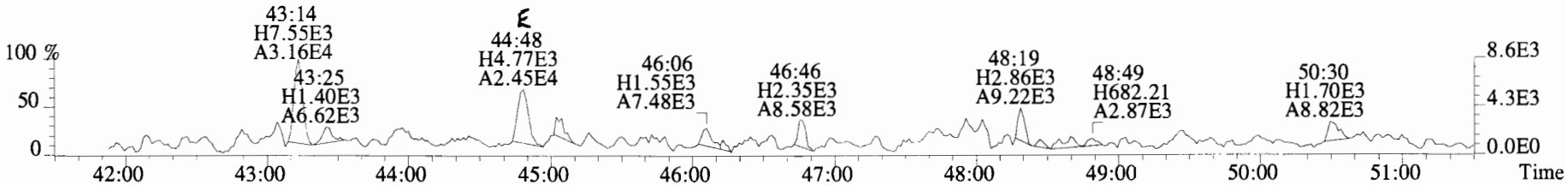


361.8385 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1824.0,0.00%,F,F)

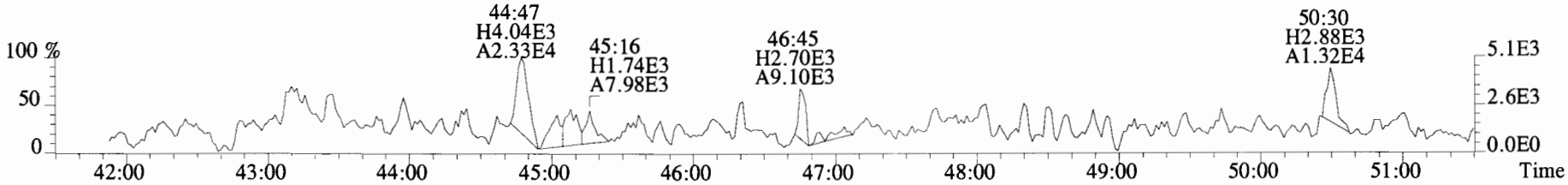


File:180314E1 #1-574 Acq:14-MAR-2018 19:20:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BLK1 Method Blank 1 Exp:PCB_ZB1

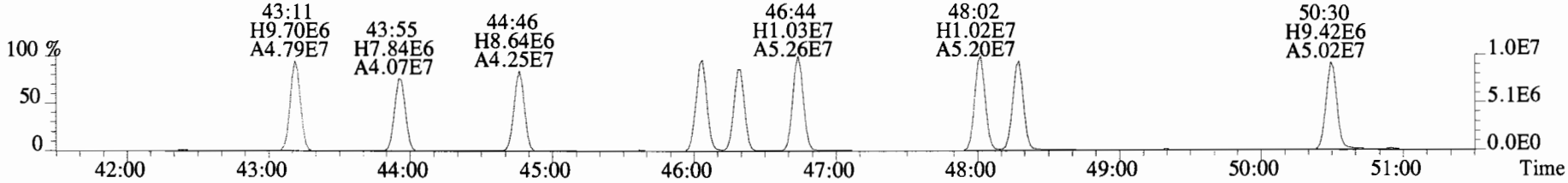
359.8415 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1532.0,0.00%,F,F)



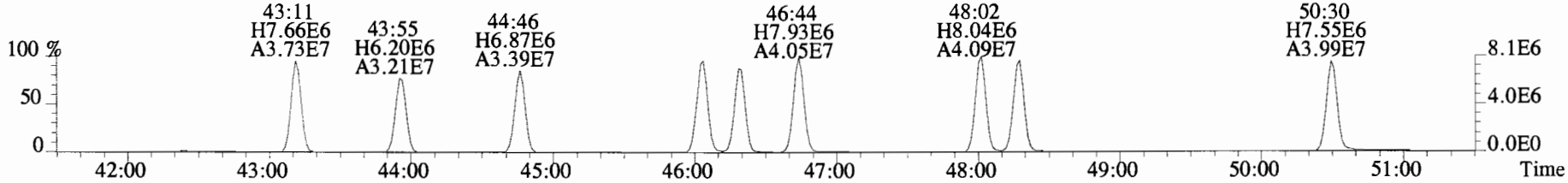
361.8385 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1704.0,0.00%,F,F)



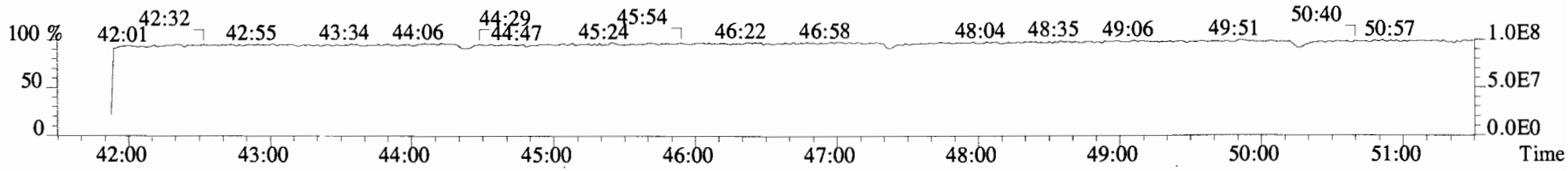
371.8817 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13276.0,0.00%,F,F)



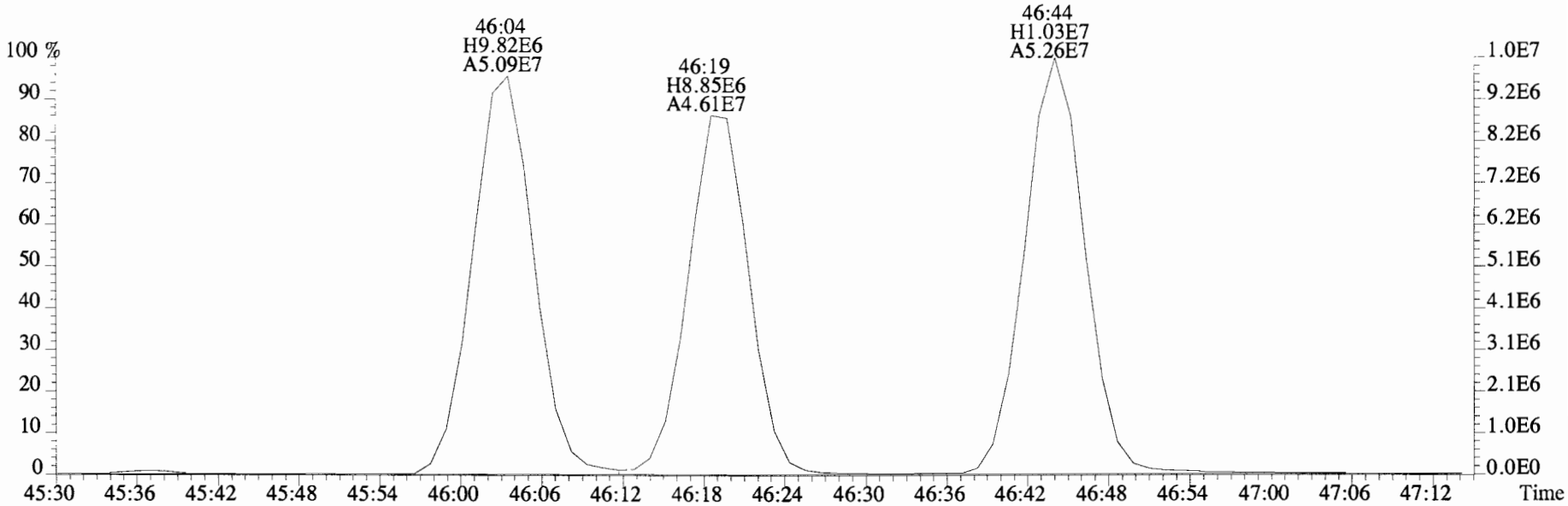
373.8788 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10232.0,0.00%,F,F)



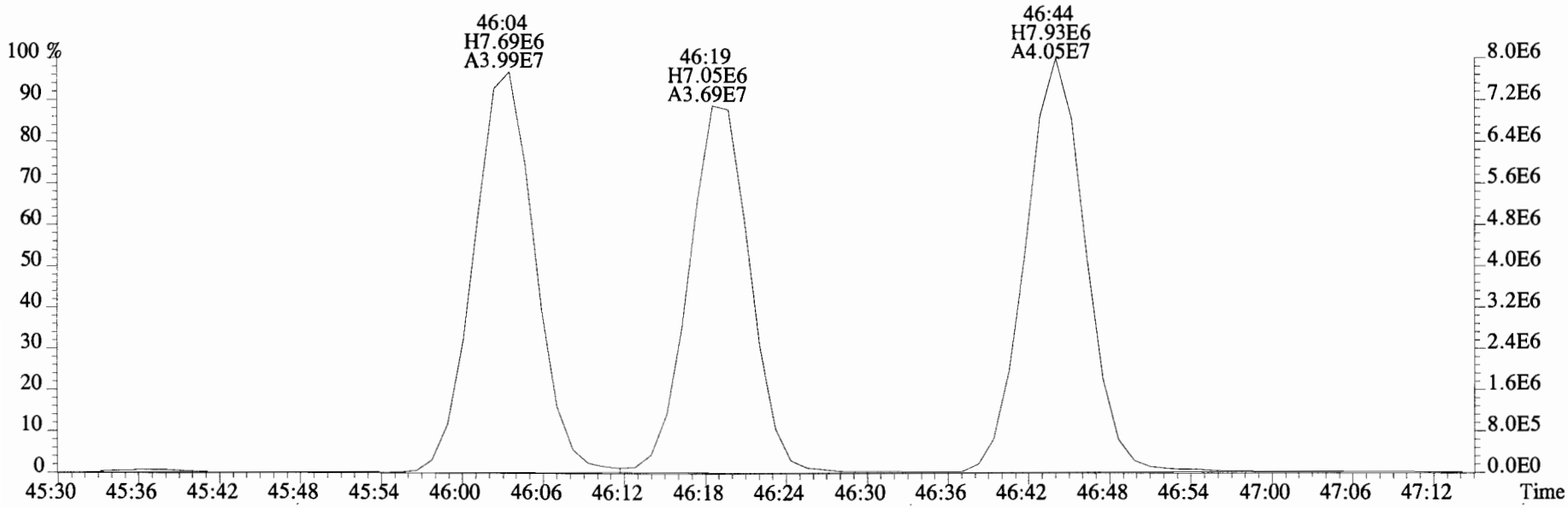
380.9760 S:8 F:4



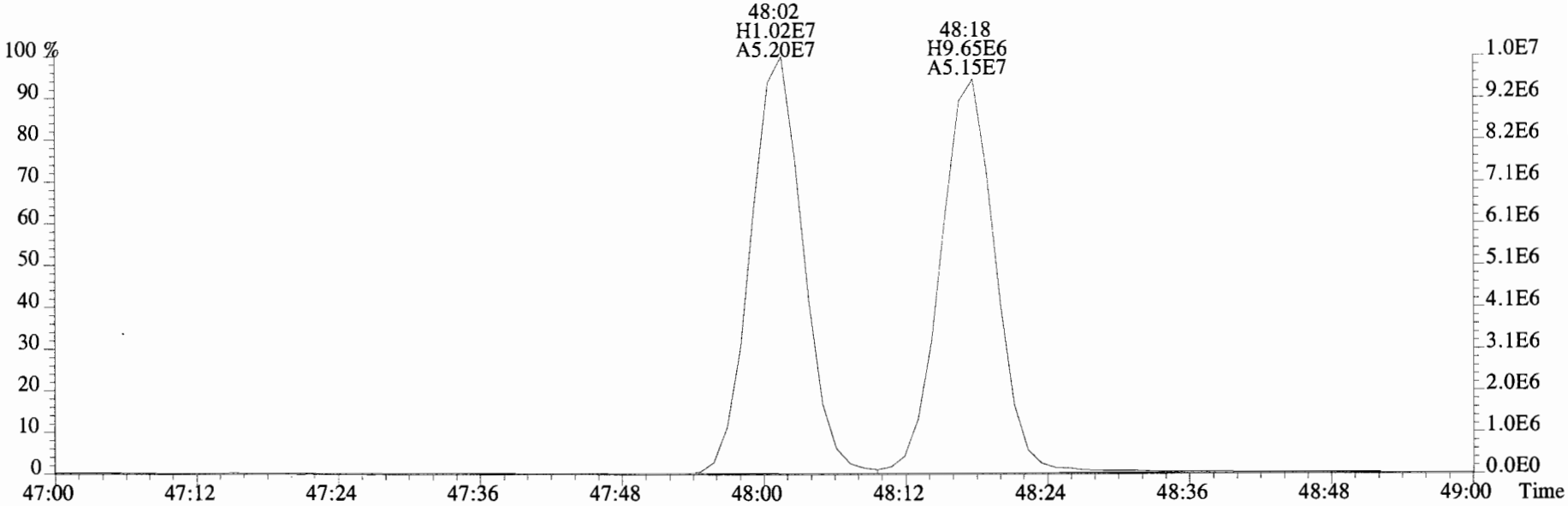
File:180314E1 #1-574 Acq:14-MAR-2018 19:20:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BLK1 Method Blank 1 Exp:PCB_ZB1
371.8817 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13276.0,0.00%,F,F)



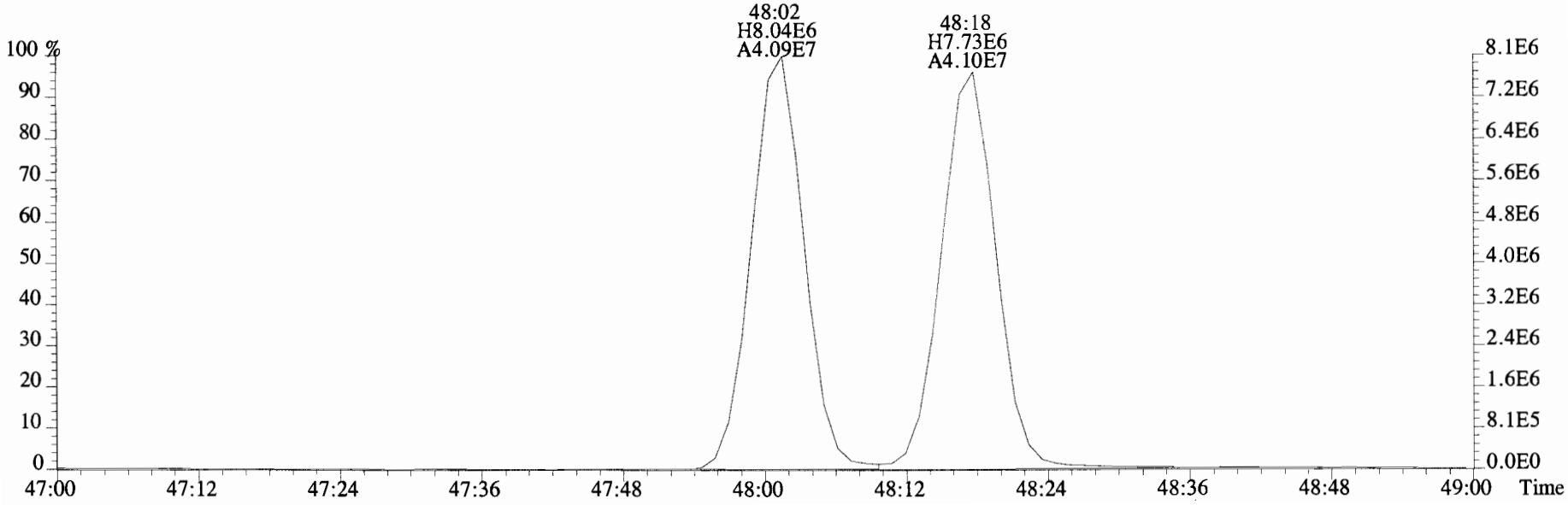
373.8788 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10232.0,0.00%,F,F)



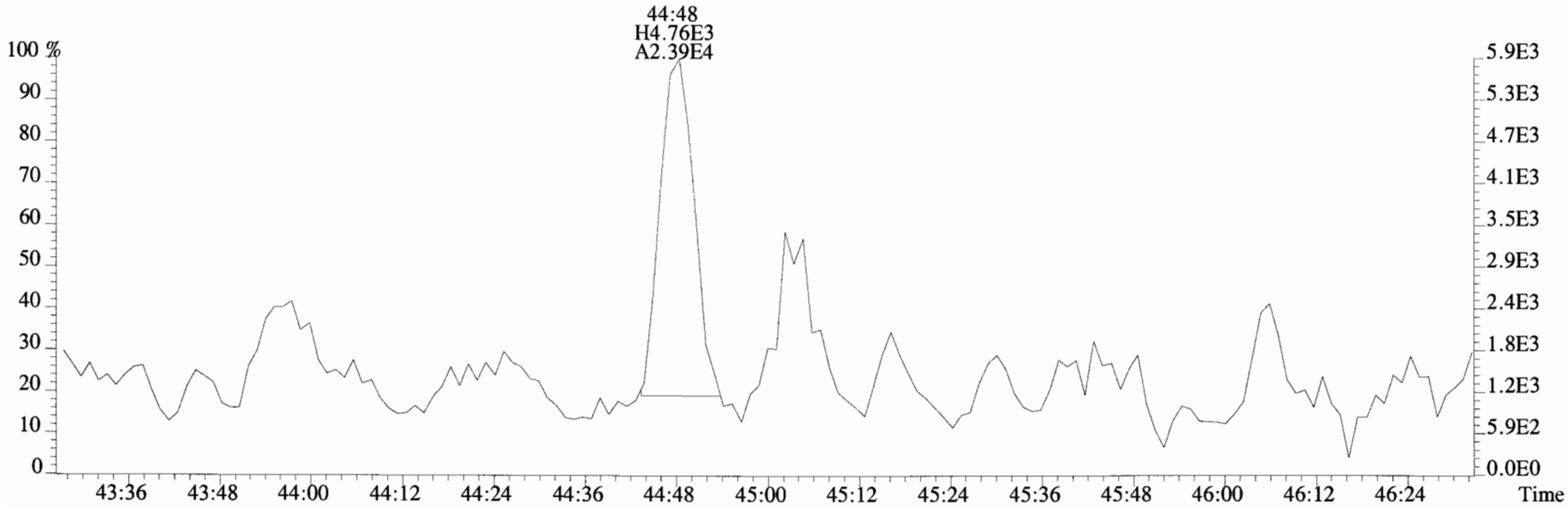
File:180314E1 #1-574 Acq:14-MAR-2018 19:20:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BLK1 Method Blank 1 Exp:PCB_ZB1
371.8817 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13276.0,0.00%,F,F)



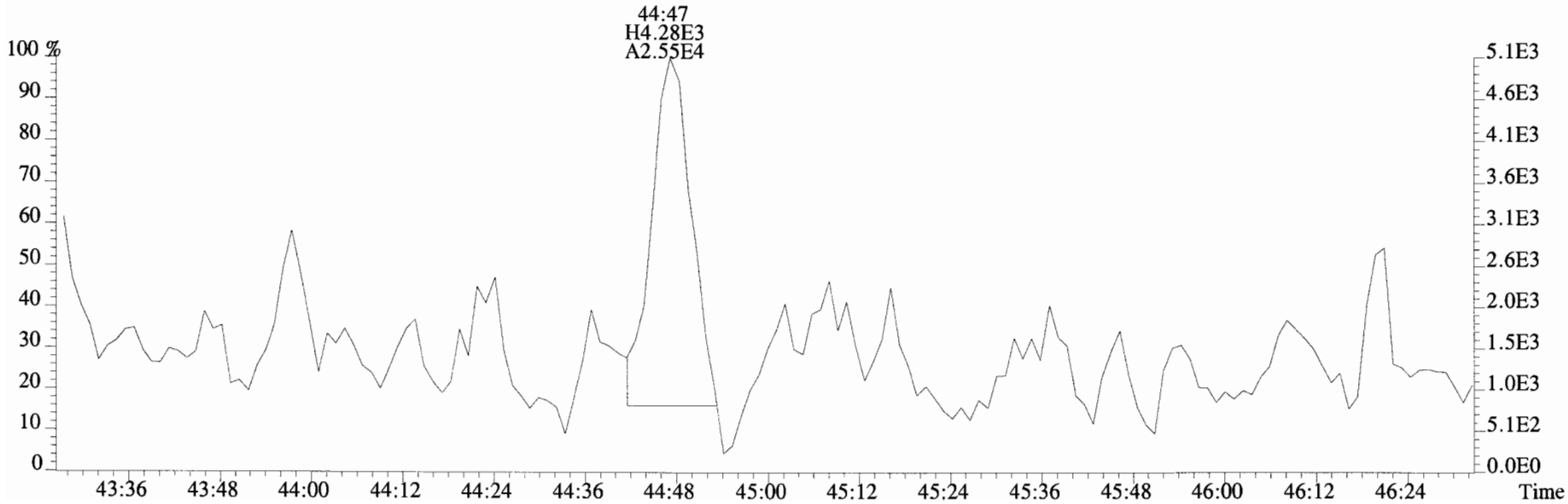
373.8788 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10232.0,0.00%,F,F)



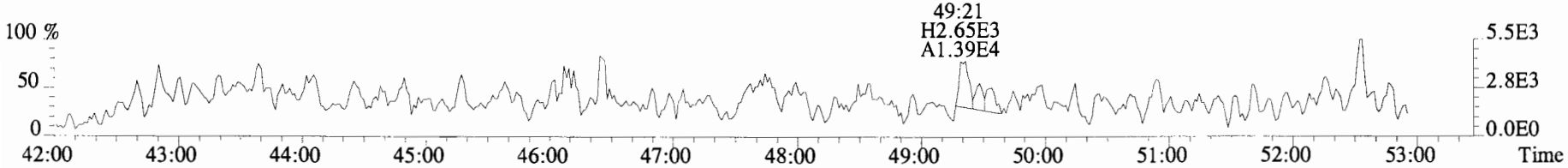
File:180314E1 #1-574 Acq:14-MAR-2018 19:20:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BLK1 Method Blank 1 Exp:PCB_ZB1
359.8415 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1532.0,0.00%,F,F)



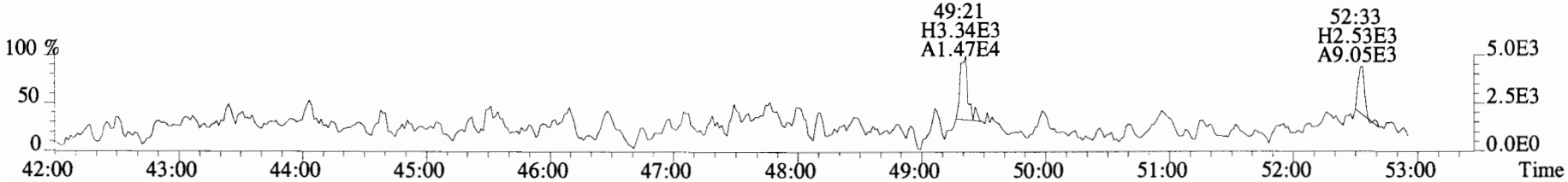
361.8385 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1704.0,0.00%,F,F)



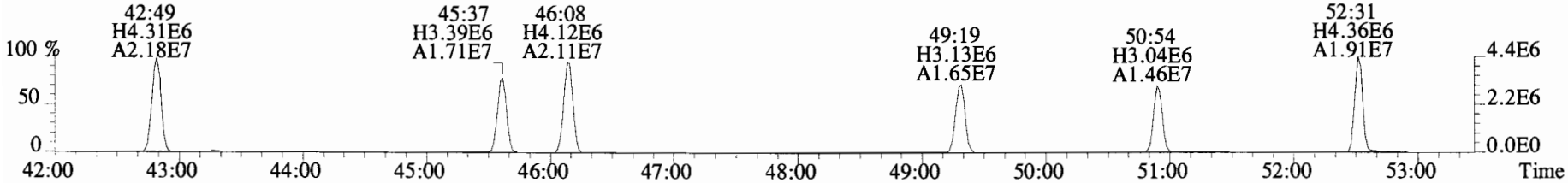
File:180314E1 #1-574 Acq:14-MAR-2018 19:20:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BLK1 Method Blank 1 Exp:PCB_ZB1
393.8025 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2680.0,0.00%,F,F)



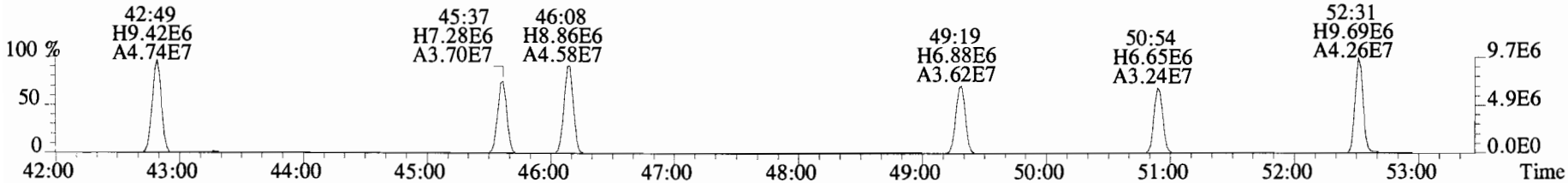
395.7995 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1644.0,0.00%,F,F)



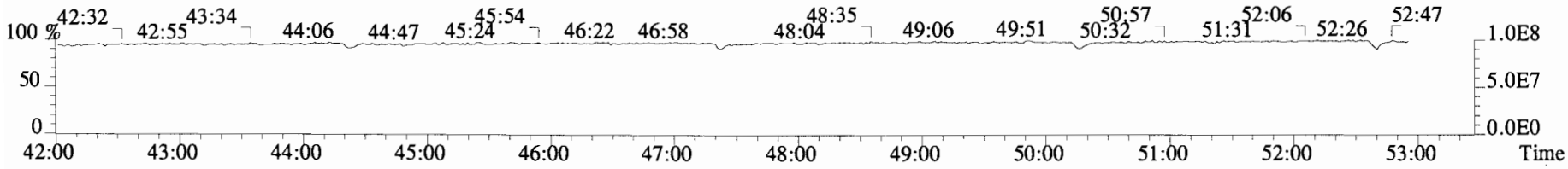
403.8457 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4180.0,0.00%,F,F)



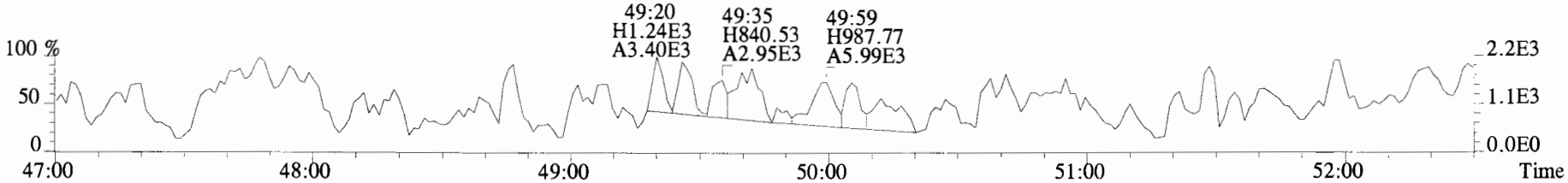
405.8428 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5580.0,0.00%,F,F)



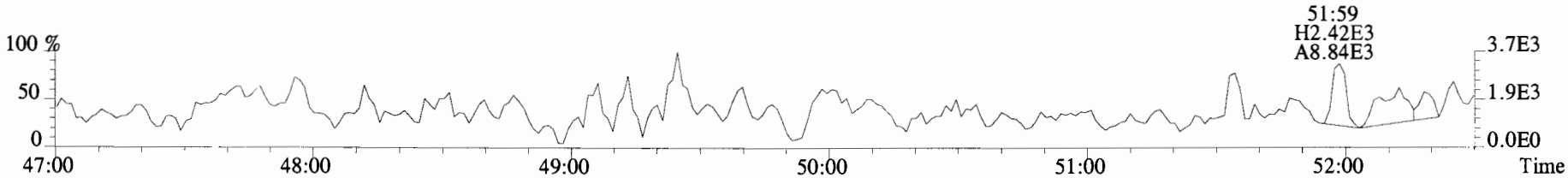
380.9760 S:8 F:4



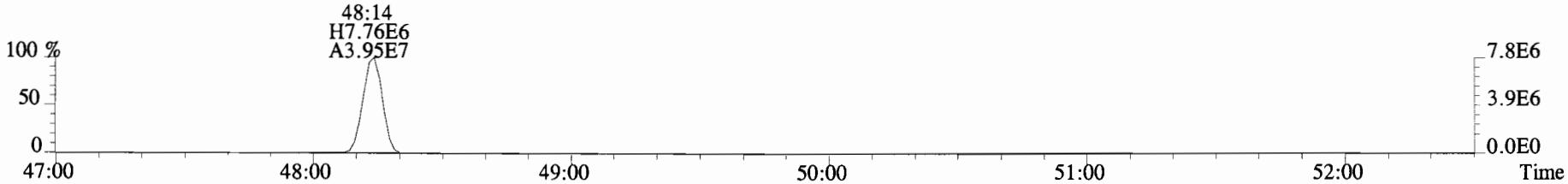
File:180314E1 #1-574 Acq:14-MAR-2018 19:20:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BLK1 Method Blank 1 Exp:PCB_ZB1
427.7635 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1512.0,0.00%,F,F)



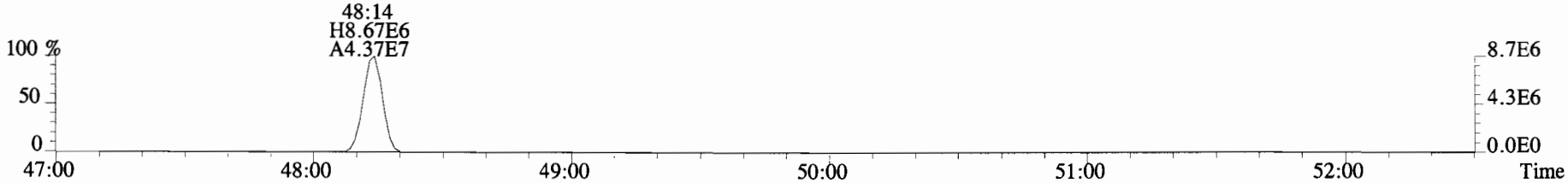
429.7606 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1872.0,0.00%,F,F)



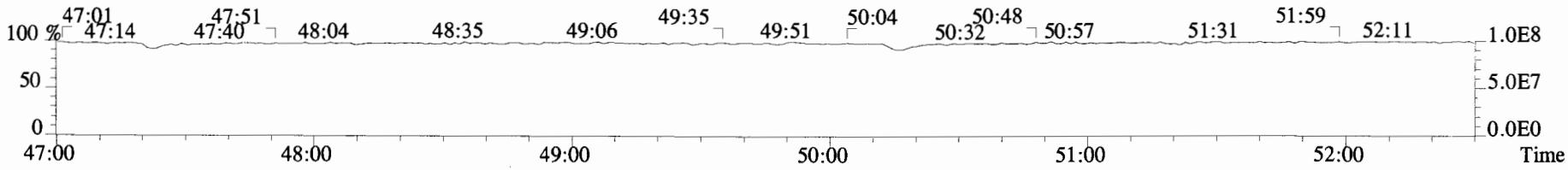
439.8038 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2056.0,0.00%,F,F)



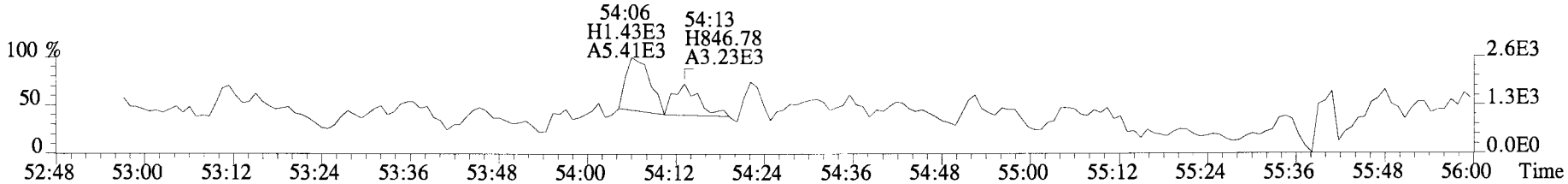
441.8008 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2620.0,0.00%,F,F)



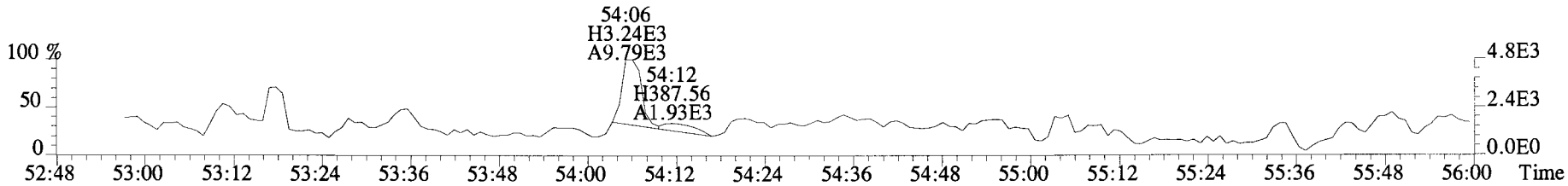
380.9760 S:8 F:4



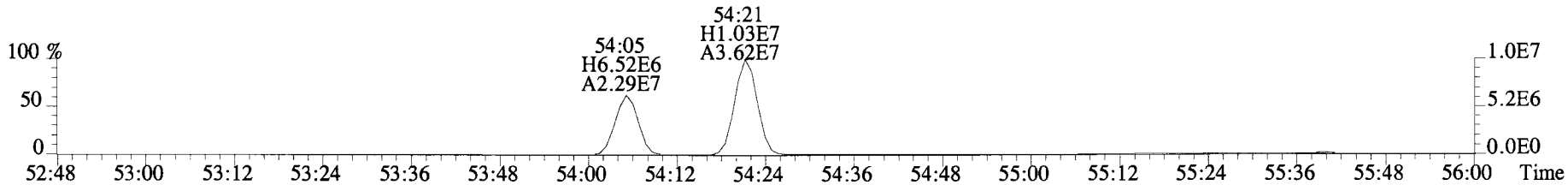
File:180314E1 #1-407 Acq:14-MAR-2018 19:20:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BLK1 Method Blank 1 Exp:PCB_ZB1
427.7635 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1456.0,0.00%,F,F)



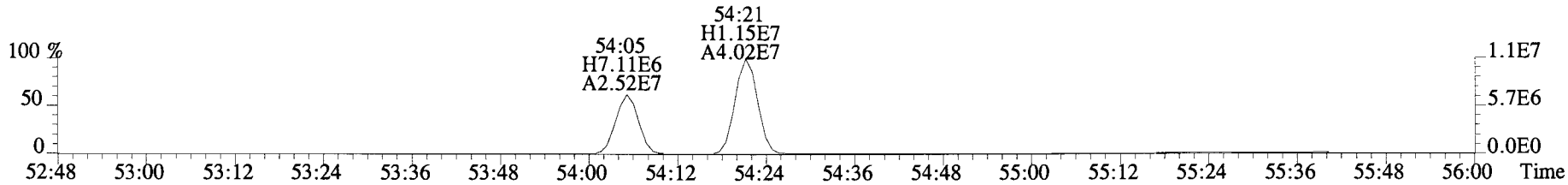
429.7606 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1812.0,0.00%,F,F)



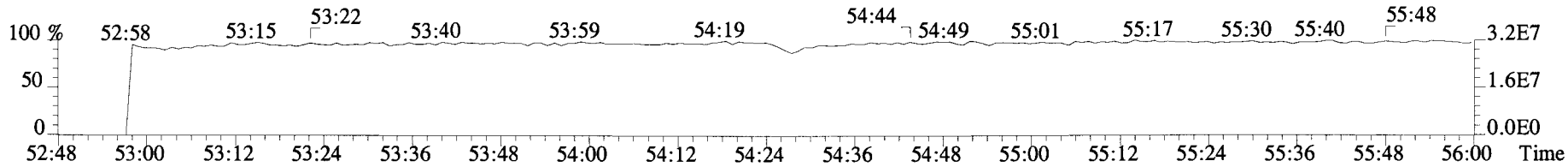
439.8038 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3576.0,0.00%,F,F)



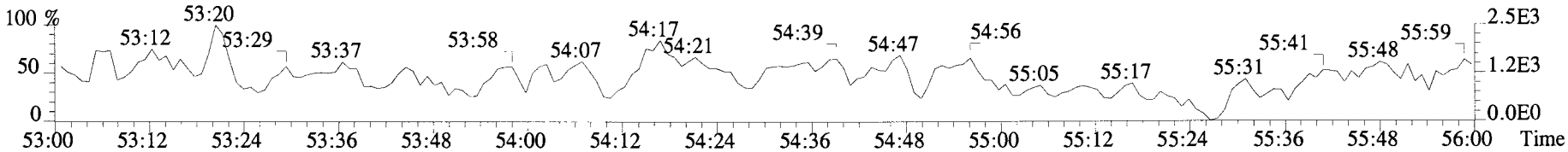
441.8008 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4024.0,0.00%,F,F)



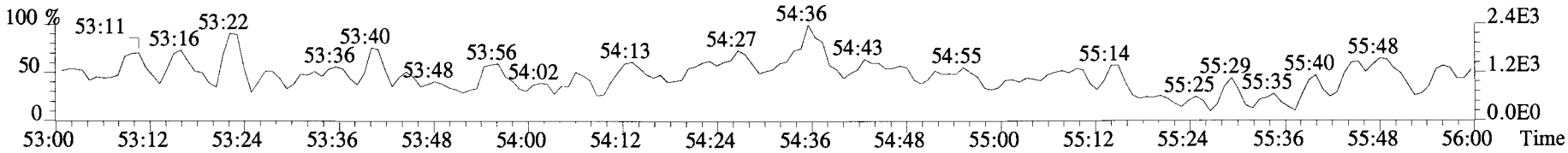
492.9697 S:8 F:5



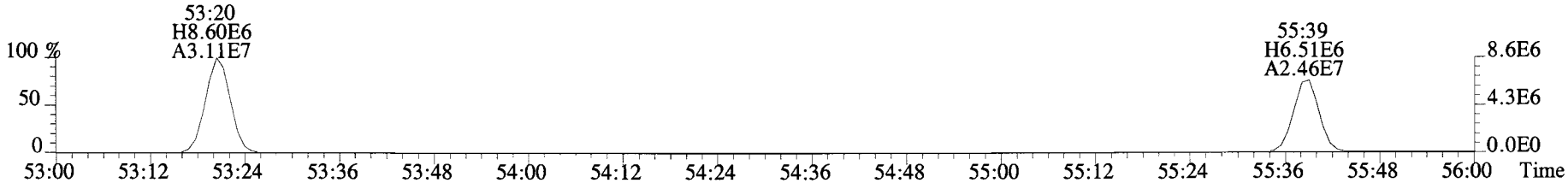
File:180314E1 #1-407 Acq:14-MAR-2018 19:20:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BLK1 Method Blank 1 Exp:PCB_ZB1
463.7216 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1528.0,0.00%,F,F)



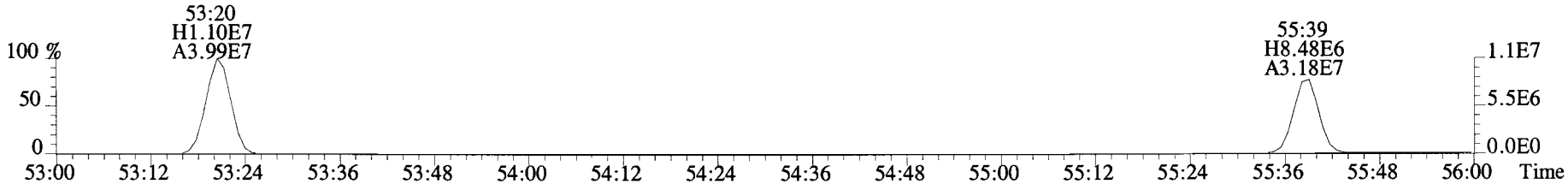
465.7186 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1496.0,0.00%,F,F)



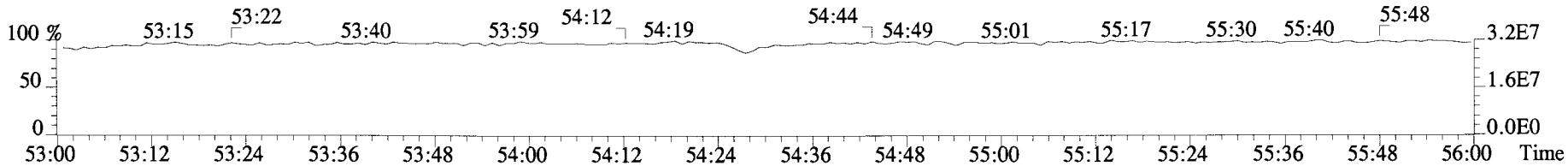
473.7648 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7856.0,0.00%,F,F)



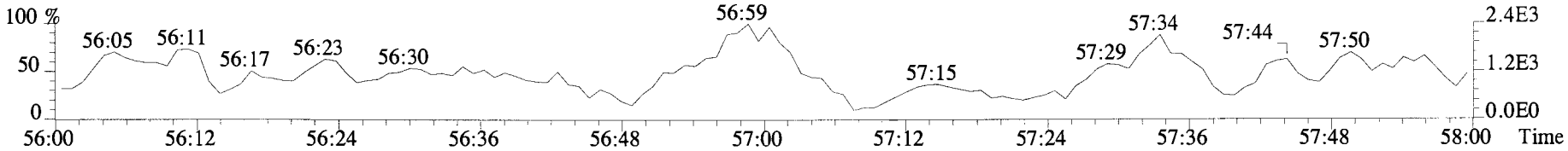
475.7619 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11156.0,0.00%,F,F)



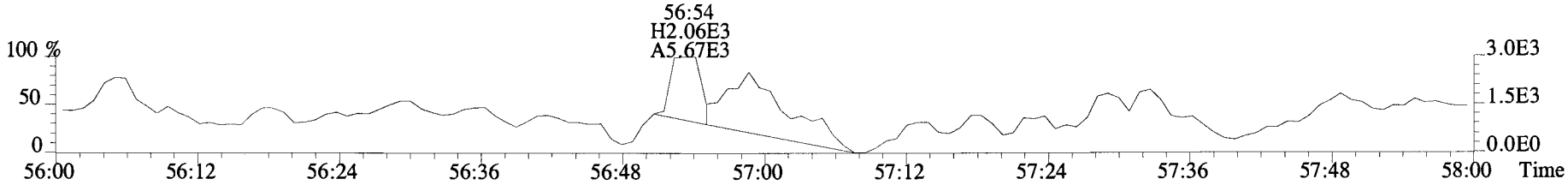
492.9697 S:8 F:5



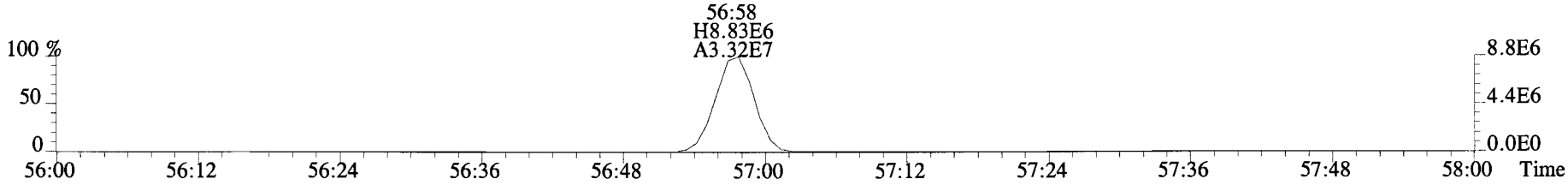
File:180314E1 #1-407 Acq:14-MAR-2018 19:20:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BLK1 Method Blank 1 Exp:PCB_ZB1
497.6826 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1440.0,0.00%,F,F)



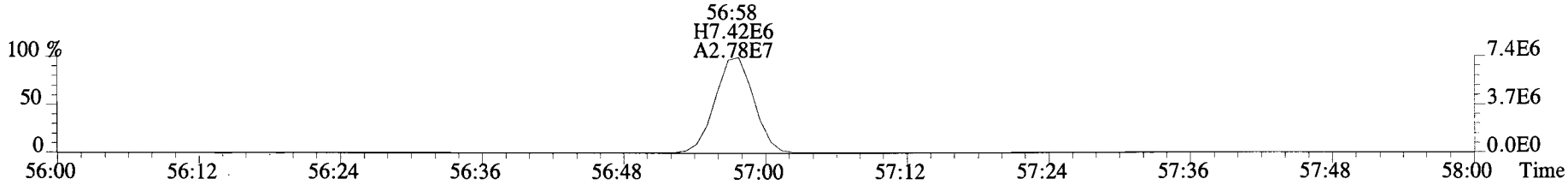
499.6797 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1524.0,0.00%,F,F)



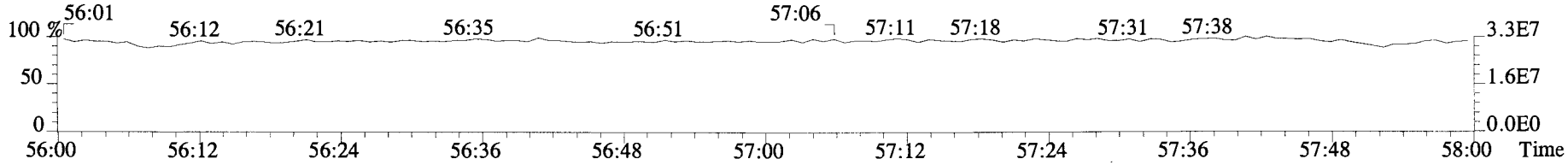
509.7229 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1736.0,0.00%,F,F)



511.7199 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1796.0,0.00%,F,F)



492.9697 S:8 F:5



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

Lab Name: Vista Analytical Laboratory OPR Data Filename: B8C0074-BS1

Matrix : Ext. Date: Analysis Date: 14-MAR-18 Time: 17:09:59

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	47.9	30.0-67.5	13C-PCB-1	100	70.9	15-145	13C-PCB-205	100	100.0	40-145
PCB-3	50	48.0	30.0-67.5	13C-PCB-3	100	70.2	15-145	13C-PCB-79	100	100.1	40-145
PCB-4/10	100	96.3	60.0-135	13C-PCB-4	100	78.2	15-145				
PCB-15	50	49.1	30.0-67.5	13C-PCB-11	100	82.7	15-145				
PCB-19	50	46.2	30.0-67.5	13C-PCB-19	100	94.5	15-145				
PCB-37	50	48.8	30.0-67.5	13C-PCB-37	100	83.2	15-145				
PCB-54	50	45.4	30.0-67.5	13C-PCB-54	100	90.7	15-145				
PCB-81	50	47.9	30.0-67.5	13C-PCB-81	100	92.6	40-145				
PCB-77	50	46.2	30.0-67.5	13C-PCB-77	100	92.6	40-145				
PCB-104	50	42.8	30.0-67.5	13C-PCB-104	100	91.7	40-145				
PCB-123	50	43.3	30.0-67.5	13C-PCB-123	100	95.6	40-145				
PCB-106/118	100	90.2	60.0-135	13C-PCB-118	100	94.6	40-145				
PCB-114	50	48.7	30.0-67.5	13C-PCB-114	100	82.8	40-145				
PCB-105	50	47.8	30.0-67.5	13C-PCB-105	100	84.9	40-145				
PCB-126	50	48.9	30.0-67.5	13C-PCB-126	100	82.0	40-145				
PCB-155	50	42.9	30.0-67.5	13C-PCB-155	100	116.2	40-145				
PCB-167	50	45.7	30.0-67.5	13C-PCB-167	100	94.3	40-145				
PCB-156	50	44.8	30.0-67.5	13C-PCB-156	100	95.2	40-145				
PCB-157	50	45.7	30.0-67.5	13C-PCB-157	100	96.2	40-145				
PCB-169	50	45.7	30.0-67.5	13C-PCB-169	100	93.8	40-145				
PCB-188	50	44.5	30.0-67.5	13C-PCB-188	100	87.6	40-145				
PCB-189	50	45.6	30.0-67.5	13C-PCB-189	100	96.5	40-145				
PCB-202	50	46.0	30.0-67.5	13C-PCB-202	100	115.2	40-145				
PCB-205	50	49.1	30.0-67.5	13C-PCB-194	100	93.8	40-145				
PCB-208	50	47.3	30.0-67.5	13C-PCB-208	100	98.2	40-145				
PCB-206	50	46.7	30.0-67.5	13C-PCB-206	100	103.7	40-145				
PCB-209	50	45.7	30.0-67.5	13C-PCB-209	100	124.3	40-145				

Analyst: DB

Date: 3/21/18

Client ID: OPR Filename: 180314E1 S:6 Acq:14-MAR-18 17:09:59 ConCal: ST180314E1-1
Lab ID: B8C0074-BS1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Mono	PCB-1	5.71e+07	2.99	y 16:02	1.07	47.9		*	2.5	*	1.001	0.996-1.006
Mono	PCB-2	6.11e+07	2.99	y 18:26	1.06	49.0		*	2.5	*	0.988	0.983-0.993
Mono	PCB-3	5.99e+07	2.99	y 18:40	1.06	48.0		*	2.5	*	1.001	0.996-1.006
Di	PCB-4/10	7.67e+07	1.60	y 20:03	1.24	96.3		*	2.5	*	1.002	0.998-1.008
Di	PCB-7/9	9.62e+07	1.58	y 21:50	0.99	94.2		*	2.5	*	0.867	0.863-0.871
Di	PCB-6	5.36e+07	1.61	y 22:29	1.06	49.2		*	2.5	*	0.893	0.888-0.897
Di	PCB-5/8	1.04e+08	1.57	y 22:54	1.03	98.2		*	2.5	*	0.909	0.904-0.913
Di	PCB-14	5.28e+07	1.59	y 24:00	1.03	47.1		*	2.5	*	0.953	0.948-0.958
Di	PCB-11	5.75e+07	1.62	y 25:12	1.11	47.6		*	2.5	*	1.001	0.996-1.006
Di	PCB-12/13	1.06e+08	1.57	y 25:35	1.02	96.3		*	2.5	*	1.016	1.011-1.021
Di	PCB-15	5.62e+07	1.62	y 25:54	1.05	49.1		*	2.5	*	1.028	1.023-1.033
Tri	PCB-19	4.51e+07	1.03	y 24:11	1.20	46.2		*	2.5	*	1.001	0.996-1.006
Tri	PCB-30	6.99e+07	1.05	y 25:05	1.93	44.4		*	2.5	*	1.039	1.034-1.044
Tri	PCB-18	4.97e+07	1.02	y 25:50	0.91	43.6		*	2.5	*	0.954	0.948-0.958
Tri	PCB-17	4.64e+07	1.06	y 26:00	0.84	44.2		*	2.5	*	0.960	0.955-0.965
Tri	PCB-24/27	1.31e+08	1.03	y 26:35	1.15	91.0		*	2.5	*	0.982	0.977-0.986
Tri	PCB-16/32	1.14e+08	1.05	y 27:05	1.02	89.7		*	2.5	*	1.000	0.995-1.005
Tri	PCB-34	5.34e+07	1.03	y 27:54	0.96	51.9		*	2.5	*	0.960	0.955-0.965
Tri	PCB-23	4.26e+07	1.08	y 28:00	0.95	41.9		*	2.5	*	0.964	0.958-0.968
Tri	PCB-29	4.77e+07	1.04	y 28:13	0.96	46.3		*	2.5	*	0.971	0.966-0.976
Tri	PCB-26	5.04e+07	1.05	y 28:27	1.00	47.0		*	2.5	*	0.979	0.974-0.984
Tri	PCB-25	5.37e+07	1.06	y 28:36	1.06	47.5		*	2.5	*	0.985	0.980-0.990
Tri	PCB-31	5.59e+07	1.03	y 28:58	1.10	47.5		*	2.5	*	0.997	0.992-1.002
Tri	PCB-28	5.86e+07	1.05	y 29:03	1.14	48.1		*	2.5	*	1.000	0.995-1.005
Tri	PCB-20/21/33	1.47e+08	1.05	y 29:41	1.00	138		*	2.5	*	1.022	1.017-1.027
Tri	PCB-22	5.59e+07	1.05	y 30:07	1.09	48.0		*	2.5	*	1.037	1.032-1.042
Tri	PCB-36	5.39e+07	1.06	y 30:44	1.15	47.9		*	2.5	*	0.933	0.929-0.939
Tri	PCB-39	5.19e+07	1.03	y 31:13	1.07	49.6		*	2.5	*	0.948	0.943-0.953
Tri	PCB-38	5.10e+07	1.03	y 31:58	1.10	47.3		*	2.5	*	0.971	0.966-0.976
Tri	PCB-35	5.42e+07	1.07	y 32:30	1.12	49.3		*	2.5	*	0.987	0.982-0.992
Tri	PCB-37	5.31e+07	1.04	y 32:56	1.11	48.8		*	2.5	*	1.000	0.996-1.006
Tetra	PCB-54	5.67e+07	0.77	y 27:56	1.07	45.4		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-50	4.69e+07	0.78	y 29:07	0.87	46.1		*	2.5	*	1.043	1.038-1.048
Tetra	PCB-53	4.50e+07	0.76	y 29:45	1.01	45.6		*	2.5	*	0.945	0.940-0.950
Tetra	PCB-51	4.88e+07	0.77	y 30:06	1.10	45.4		*	2.5	*	0.957	0.952-0.962
Tetra	PCB-45	3.87e+07	0.76	y 30:32	0.87	45.4		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-46	3.71e+07	0.76	y 31:01	0.84	45.4		*	2.5	*	0.986	0.980-0.990

Integrations by:
Analyst: DB
Date: 3/21/18

Reviewed by: CT Date: 3/26/18

Client ID: OPR Filename: 180314E1 S:6 Acq:14-MAR-18 17:09:59 ConCal: ST180314E1-1
Lab ID: B8C0074-BS1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL	UCL
Tetra	PCB-52/69	1.09e+08	0.77	y 31:30	1.21	91.8		*	2.5	*	1.001	0.996	1.006
Tetra	PCB-73	6.53e+07	0.78	y 31:38	1.45	46.0		*	2.5	*	1.005	1.000	1.010
Tetra	PCB-43/49	9.09e+07	0.76	y 31:47	1.01	92.0		*	2.5	*	1.010	1.005	1.015
Tetra	PCB-47	4.66e+07	0.76	y 31:59	0.91	50.3		*	2.5	*	1.001	0.995	1.005
Tetra	PCB-48/75	1.01e+08	0.77	y 32:06	1.13	87.4		*	2.5	*	1.004	0.999	1.009
Tetra	PCB-65	5.95e+07	0.76	y 32:22	1.27	45.8		*	2.5	*	1.013	1.007	1.017
Tetra	PCB-62	5.39e+07	0.76	y 32:29	1.10	48.1		*	2.5	*	1.016	1.011	1.021
Tetra	PCB-44	4.34e+07	0.77	y 32:47	0.85	49.7		*	2.5	*	1.026	1.020	1.030
Tetra	PCB-42/59	9.94e+07	0.76	y 33:01	1.02	95.3		*	2.5	*	1.033	1.027	1.037
Tetra	PCB-41/64/71/72	2.32e+08	0.77	y 33:36	1.17	195		*	2.5	*	1.051	1.046	1.056
Tetra	PCB-68	6.13e+07	0.78	y 33:52	1.28	47.0		*	2.5	*	1.059	1.054	1.064
Tetra	PCB-40	3.29e+07	0.78	y 34:04	0.62	51.6		*	2.5	*	1.066	1.060	1.070
Tetra	PCB-57	6.74e+07	0.77	y 34:26	1.13	45.9		*	2.5	*	0.970	0.965	0.975
Tetra	PCB-67	6.37e+07	0.76	y 34:44	1.10	44.5		*	2.5	*	0.978	0.973	0.983
Tetra	PCB-58	7.39e+07	0.78	y 34:51	1.12	50.6		*	2.5	*	0.982	0.977	0.987
Tetra	PCB-63	5.95e+07	0.78	y 35:01	1.00	45.8		*	2.5	*	0.986	0.981	0.991
Tetra	PCB-74	6.69e+07	0.76	y 35:18	1.18	43.5		*	2.5	*	0.994	0.989	0.999
Tetra	PCB-61/70	1.25e+08	0.77	y 35:28	1.03	93.3		*	2.5	*	0.999	0.994	1.004
Tetra	PCB-76/66	1.36e+08	0.77	y 35:42	1.13	92.5		*	2.5	*	1.006	1.000	1.010
Tetra	PCB-80	6.90e+07	0.77	y 35:56	1.19	45.5		*	2.5	*	1.000	0.995	1.005
Tetra	PCB-55	7.19e+07	0.76	y 36:15	1.16	48.9		*	2.5	*	1.009	1.004	1.014
Tetra	PCB-56/60	1.21e+08	0.76	y 36:45	1.04	91.5		*	2.5	*	1.023	1.018	1.028
Tetra	PCB-79	6.61e+07	0.78	y 37:48	1.17	44.6		*	2.5	*	1.052	1.047	1.057
Tetra	PCB-78	6.59e+07	0.76	y 38:30	1.10	46.3		*	2.5	*	0.987	0.982	0.992
Tetra	PCB-81	5.98e+07	0.78	y 39:02	0.97	47.9		*	2.5	*	1.000	0.995	1.005
Tetra	PCB-77	6.14e+07	0.79	y 39:37	1.08	46.2		*	2.5	*	1.000	0.995	1.005
Penta	PCB-104	5.02e+07	1.57	y 32:38	1.08	42.8		*	2.5	*	1.001	0.996	1.006
Penta	PCB-96	5.54e+07	1.56	y 33:54	1.13	45.0		*	2.5	*	1.039	1.034	1.044
Penta	PCB-103	4.35e+07	1.58	y 34:26	0.91	44.0		*	2.5	*	1.056	1.051	1.061
Penta	PCB-100	4.51e+07	1.57	y 34:48	0.93	44.8		*	2.5	*	1.067	1.062	1.072
Penta	PCB-94	3.62e+07	1.58	y 35:16	0.91	43.7		*	2.5	*	0.986	0.981	0.991
Penta	PCB-95/98/102	1.40e+08	1.56	y 35:46	1.17	132		*	2.5	*	1.000	0.994	1.004
Penta	PCB-93	3.33e+07	1.57	y 35:54	0.93	39.8		*	2.5	*	1.003	0.997	1.007
Penta	PCB-88/91	8.04e+07	1.56	y 36:11	0.97	91.2		*	2.5	*	1.011	1.005	1.015
Penta	PCB-121	6.02e+07	1.58	y 36:17	1.68	39.5		*	2.5	*	1.014	1.009	1.019
Penta	PCB-84/92	7.55e+07	1.57	y 37:06	0.97	90.9		*	2.5	*	0.990	0.985	0.995
Penta	PCB-89	4.21e+07	1.55	y 37:18	1.06	46.2		*	2.5	*	0.995	0.990	1.000

Analyst: DB

Date: 3/21/18

Client ID: OPR Filename: 180314E1 S:6 Acq:14-MAR-18 17:09:59 ConCal: ST180314E1-1
Lab ID: B8C0074-BS1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Penta	PCB-90/101	8.04e+07	1.56	y 37:29	1.08	87.4		*	2.5	*	1.000	0.995-1.005
Penta	PCB-113	5.79e+07	1.55	y 37:44	1.48	45.9		*	2.5	*	1.007	1.002-1.012
Penta	PCB-99	4.42e+07	1.59	y 37:49	1.25	41.2		*	2.5	*	1.009	1.004-1.014
Penta	PCB-119	5.51e+07	1.54	y 38:17	1.70	42.1		*	2.5	*	0.988	0.982-0.992
Penta	PCB-108/112	9.48e+07	1.57	y 38:26	1.40	87.7		*	2.5	*	0.991	0.986-0.996
Penta	PCB-83	5.86e+07	1.57	y 38:36	1.75	43.4		*	2.5	*	0.996	0.990-1.000
Penta	PCB-97	3.95e+07	1.58	y 38:47	1.17	43.7		*	2.5	*	1.000	0.995-1.005
Penta	PCB-86	3.62e+07	1.54	y 38:55	1.08	43.4		*	2.5	*	1.004	0.999-1.009
Penta	PCB-87/117/125	1.55e+08	1.58	y 39:03	1.55	130		*	2.5	*	1.007	1.002-1.012
Penta	PCB-111/115	1.14e+08	1.55	y 39:12	1.79	82.9		*	2.5	*	1.011	1.006-1.016
Penta	PCB-85/116	9.71e+07	1.60	y 39:20	1.29	97.7		*	2.5	*	1.015	1.009-1.019
Penta	PCB-120	6.21e+07	1.55	y 39:35	1.98	40.7		*	2.5	*	1.021	1.016-1.026
Penta	PCB-110	6.14e+07	1.61	y 39:43	1.69	47.3		*	2.5	*	1.025	1.020-1.030
Penta	PCB-82	3.78e+07	1.56	y 40:21	0.81	44.1		*	2.5	*	0.976	0.972-0.982
Penta	PCB-124	5.90e+07	1.56	y 41:02	1.30	42.8		*	2.5	*	0.993	0.988-0.998
Penta	PCB-107/109	1.23e+08	1.56	y 41:11	1.31	87.7		*	2.5	*	0.996	0.991-1.001
Penta	PCB-123	5.16e+07	1.56	y 41:21	1.12	43.3		*	2.5	*	1.000	0.996-1.006
Penta	PCB-106/118	1.18e+08	1.55	y 41:33	1.18	90.2		*	2.5	*	1.001	0.996-1.006
Penta	PCB-114	4.59e+07	1.55	y 42:11	1.11	48.7		*	2.5	*	1.000	0.995-1.005
Penta	PCB-122	4.21e+07	1.59	y 42:19	1.03	48.4		*	2.5	*	1.004	0.999-1.009
Penta	PCB-105	4.50e+07	1.56	y 43:03	1.12	47.8		*	2.5	*	1.000	0.995-1.005
Penta	PCB-127	4.80e+07	1.60	y 43:23	1.12	46.4		*	2.5	*	1.000	0.995-1.005
Penta	PCB-126	4.73e+07	1.60	y 45:17	1.20	48.9		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-155	4.79e+07	1.26	y 37:02	0.99	42.9		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-150	5.12e+07	1.27	y 38:18	1.02	44.3		*	2.5	*	1.035	1.030-1.040
Hexa	PCB-152	5.84e+07	1.26	y 38:46	1.16	44.7		*	2.5	*	1.047	1.042-1.052
Hexa	PCB-145	5.74e+07	1.27	y 39:12	1.13	45.0		*	2.5	*	1.059	1.054-1.064
Hexa	PCB-136	5.44e+07	1.25	y 39:32	1.02	47.1		*	2.5	*	1.068	1.063-1.073
Hexa	PCB-148	3.74e+07	1.29	y 39:39	0.77	42.8		*	2.5	*	1.071	1.066-1.076
Hexa	PCB-154	4.46e+07	1.24	y 40:08	0.88	45.1		*	2.5	*	1.084	1.079-1.089
Hexa	PCB-151	4.02e+07	1.27	y 40:47	0.75	47.3		*	2.5	*	1.102	1.095-1.107
Hexa	PCB-135	4.30e+07	1.27	y 40:59	0.86	44.2		*	2.5	*	1.107	1.101-1.113
Hexa	PCB-144	4.51e+07	1.26	y 41:06	0.77	52.2		*	2.5	*	1.110	1.105-1.116
Hexa	PCB-147	4.16e+07	1.27	y 41:14	0.80	45.7		*	2.5	*	1.114	1.108-1.120
Hexa	PCB-139/149	9.36e+07	1.27	y 41:29	0.88	94.1		*	2.5	*	1.121	1.115-1.127
Hexa	PCB-140	4.09e+07	1.28	y 41:40	0.77	47.1		*	2.5	*	1.126	1.120-1.132
Hexa	PCB-134/143	7.51e+07	1.23	y 42:06	0.76	94.8		*	2.5	*	0.975	0.970-0.980

Analyst: DB

Date: 3/21/18

Client ID: OPR Filename: 180314E1 S:6 Acq:14-MAR-18 17:09:59 ConCal: ST180314E1-1
Lab ID: B8C0074-BS1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hexa	PCB-131/133	7.95e+07	1.25	y 42:25	0.82	93.7		*	2.5	*	0.982	0.977-0.987
Hexa	PCB-142	3.83e+07	1.23	y 42:33	0.73	50.4		*	2.5	*	0.985	0.981-0.991
Hexa	PCB-146/165	9.86e+07	1.25	y 42:47	1.02	93.0		*	2.5	*	0.991	0.986-0.996
Hexa	PCB-132/161	9.89e+07	1.23	y 43:02	1.00	94.8		*	2.5	*	0.997	0.992-1.002
Hexa	PCB-153	5.11e+07	1.24	y 43:12	1.08	45.6		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-168	5.13e+07	1.22	y 43:25	1.12	44.2		*	2.5	*	1.005	1.000-1.010
Hexa	PCB-141	4.09e+07	1.23	y 43:56	1.02	45.6		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-137	4.08e+07	1.22	y 44:19	1.10	42.0		*	2.5	*	1.009	1.004-1.014
Hexa	PCB-130	3.92e+07	1.26	y 44:25	0.81	55.2		*	2.5	*	1.011	1.007-1.017
Hexa	PCB-138/163/164	1.60e+08	1.24	y 44:48	1.23	137		*	2.5	*	1.001	0.996-1.006
Hexa	PCB-158/160	1.06e+08	1.24	y 45:02	1.18	94.6		*	2.5	*	1.006	1.001-1.011
Hexa	PCB-129	3.43e+07	1.25	y 45:17	0.78	46.5		*	2.5	*	1.012	1.007-1.017
Hexa	PCB-166	5.74e+07	1.24	y 45:44	1.13	45.1		*	2.5	*	0.993	0.988-0.998
Hexa	PCB-159	6.04e+07	1.23	y 46:04	1.16	46.2		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-128/162	9.30e+07	1.24	y 46:21	0.89	92.4		*	2.5	*	1.007	1.002-1.012
Hexa	PCB-167	5.33e+07	1.23	y 46:45	1.02	45.7		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-156	5.42e+07	1.24	y 48:01	1.06	44.8		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-157	5.36e+07	1.26	y 48:18	1.02	45.7		*	2.5	*	1.000	0.996-1.006
Hexa	PCB-169	5.83e+07	1.23	y 50:31	1.13	45.7		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-188	5.22e+07	1.03	y 42:50	1.37	44.5		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-184	5.19e+07	1.04	y 43:17	1.32	46.1		*	2.5	*	1.011	1.006-1.016
Hepta	PCB-179	5.65e+07	1.04	y 44:04	1.38	47.8		*	2.5	*	1.029	1.024-1.034
Hepta	PCB-176	5.25e+07	1.04	y 44:32	1.31	47.0		*	2.5	*	1.040	1.035-1.045
Hepta	PCB-186	5.96e+07	1.05	y 45:08	1.42	49.1		*	2.5	*	1.054	1.049-1.059
Hepta	PCB-178	4.09e+07	1.04	y 45:38	0.97	49.4		*	2.5	*	1.066	1.060-1.070
Hepta	PCB-175	4.34e+07	1.04	y 45:59	1.00	50.9		*	2.5	*	1.074	1.069-1.079
Hepta	PCB-182/187	9.42e+07	1.04	y 46:09	1.14	96.6		*	2.5	*	1.078	1.072-1.082
Hepta	PCB-183	4.65e+07	1.05	y 46:28	1.13	48.3		*	2.5	*	1.085	1.080-1.090
Hepta	PCB-185	4.10e+07	1.05	y 47:07	1.36	46.1		*	2.5	*	0.955	0.950-0.960
Hepta	PCB-174	4.39e+07	1.04	y 47:29	1.42	47.3		*	2.5	*	0.963	0.958-0.968
Hepta	PCB-181	4.40e+07	1.04	y 47:36	1.48	45.5		*	2.5	*	0.965	0.960-0.970
Hepta	PCB-177	4.05e+07	1.05	y 47:45	1.33	46.6		*	2.5	*	0.968	0.963-0.973
Hepta	PCB-171	4.05e+07	1.04	y 48:03	1.37	45.1		*	2.5	*	0.974	0.969-0.979
Hepta	PCB-173	3.93e+07	1.03	y 48:28	1.27	47.3		*	2.5	*	0.983	0.978-0.988
Hepta	PCB-172	4.29e+07	1.03	y 48:56	1.39	47.2		*	2.5	*	0.992	0.987-0.997
Hepta	PCB-192	5.53e+07	1.03	y 49:07	1.80	46.8		*	2.5	*	0.996	0.991-1.001
Hepta	PCB-180	4.55e+07	1.04	y 49:20	1.52	45.8		*	2.5	*	1.000	0.995-1.005

Analyst: DB

Date: 3/21/18

Client ID: OPR Filename: 180314E1 S:6 Acq:14-MAR-18 17:09:59 ConCal: ST180314E1-1
Lab ID: B8C0074-BS1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hepta	PCB-193	5.10e+07	1.03	y 49:32	1.71	45.5		*	2.5	*	1.004	0.999-1.009
Hepta	PCB-191	5.40e+07	1.04	y 49:48	1.74	47.4		*	2.5	*	1.010	1.005-1.015
Hepta	PCB-170	3.96e+07	1.03	y 50:56	1.44	46.2		*	2.5	*	1.001	0.995-1.005
Hepta	PCB-190	5.37e+07	1.04	y 51:06	1.95	46.1		*	2.5	*	1.004	0.999-1.009
Hepta	PCB-189	5.13e+07	1.04	y 52:32	1.46	45.6		*	2.5	*	1.000	0.995-1.005
Octa	PCB-202	5.01e+07	0.88	y 48:15	1.06	46.0		*	2.5	*	1.000	0.995-1.005
Octa	PCB-201	4.70e+07	0.90	y 48:44	0.98	46.8		*	2.5	*	1.010	1.006-1.016
Octa	PCB-204	5.00e+07	0.90	y 48:54	1.07	45.4		*	2.5	*	1.014	1.009-1.019
Octa	PCB-197	4.92e+07	0.90	y 49:12	1.10	43.5		*	2.5	*	1.020	1.015-1.025
Octa	PCB-200	4.91e+07	0.91	y 50:06	1.04	45.9		*	2.5	*	1.039	1.034-1.044
Octa	PCB-198	3.84e+07	0.89	y 51:34	0.84	44.5		*	2.5	*	1.069	1.065-1.075
Octa	PCB-199	3.88e+07	0.91	y 51:41	0.80	47.2		*	2.5	*	1.072	1.067-1.077
Octa	PCB-196/203	8.02e+07	0.89	y 51:59	0.84	92.7		*	2.5	*	1.078	1.072-1.082
Octa	PCB-195	3.01e+07	0.91	y 53:12	1.04	49.0		*	2.5	*	0.984	0.979-0.989
Octa	PCB-194	3.25e+07	0.90	y 54:06	1.16	47.4		*	2.5	*	1.000	0.995-1.005
Octa	PCB-205	3.87e+07	0.89	y 54:22	1.33	49.1		*	2.5	*	1.005	1.000-1.010
Nona	PCB-208	3.73e+07	1.32	y 53:21	0.90	47.3		*	2.5	*	1.000	0.995-1.005
Nona	PCB-207	3.69e+07	1.31	y 53:41	0.89	47.1		*	2.5	*	1.007	1.001-1.011
Nona	PCB-206	2.83e+07	1.31	y 55:39	0.88	46.7		*	2.5	*	1.000	0.995-1.005
Deca	PCB-209	3.58e+07	1.18	y 56:58	1.04	45.7		*	2.5	*	1.000	0.995-1.005

Analyst: DB

Date: 3/21/18

Client ID: OPR Filename: 180314E1 S:6 Acq:14-MAR-18 17:09:59 ConCal: ST180314E1-1
Lab ID: B8C0074-BS1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol:1.0000 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-1	1.11e+08	3.16 y	1.13	16:01	0.619	0.616	0.622	70.9	70.9
13C-PCB-3	1.18e+08	3.14 y	1.21	18:39	0.721	0.716	0.724	70.2	70.2
13C-PCB-4	6.43e+07	1.59 y	0.59	20:00	0.773	0.769	0.777	78.2	78.2
13C-PCB-9	1.03e+08	1.57 y	0.94	21:47	0.842	0.837	0.845	78.8	78.8
13C-PCB-11	1.09e+08	1.55 y	0.95	25:11	0.973	0.968	0.978	82.7	82.7
13C-PCB-19	8.17e+07	1.07 y	0.62	24:09	0.933	0.928	0.938	94.5	94.5
13C-PCB-28	1.07e+08	1.04 y	1.05	29:03	1.004	0.999	1.009	88.4	88.4
13C-PCB-32	1.25e+08	1.06 y	0.91	27:05	1.046	1.041	1.051	99.0	99.0
13C-PCB-37	9.79e+07	1.08 y	1.02	32:56	1.138	1.132	1.144	83.2	83.2
13C-PCB-47	1.02e+08	0.78 y	0.83	31:58	0.870	0.867	0.875	88.7	88.7
13C-PCB-52	9.78e+07	0.78 y	0.76	31:28	0.857	0.853	0.861	92.6	92.6
13C-PCB-54	1.17e+08	0.80 y	0.93	27:55	0.760	0.756	0.764	90.7	90.7
13C-PCB-70	1.30e+08	0.80 y	1.00	35:30	0.966	0.961	0.971	94.2	94.2
13C-PCB-77	1.23e+08	0.80 y	0.96	39:36	1.078	1.073	1.083	92.6	92.6
13C-PCB-80	1.27e+08	0.79 y	1.00	35:55	0.978	0.973	0.983	92.2	92.2
13C-PCB-81	1.29e+08	0.79 y	1.01	39:01	1.062	1.057	1.067	92.6	92.6
13C-PCB-95	9.06e+07	1.58 y	0.80	35:47	0.913	0.908	0.918	95.9	95.9
13C-PCB-97	7.70e+07	1.60 y	0.70	38:46	0.989	0.984	0.994	93.2	93.2
13C-PCB-101	8.54e+07	1.59 y	0.80	37:29	0.956	0.951	0.961	90.4	90.4
13C-PCB-104	1.09e+08	1.58 y	1.01	32:37	0.832	0.828	0.836	91.7	91.7
13C-PCB-105	8.39e+07	1.59 y	1.14	43:02	0.929	0.924	0.934	84.9	84.9
13C-PCB-114	8.47e+07	1.61 y	1.18	42:10	0.910	0.905	0.915	82.8	82.8
13C-PCB-118	1.11e+08	1.66 y	1.00	41:31	1.059	1.054	1.064	94.6	94.6
13C-PCB-123	1.06e+08	1.56 y	0.95	41:20	1.054	1.049	1.059	95.6	95.6
13C-PCB-126	8.06e+07	1.57 y	1.14	45:16	0.977	0.972	0.982	82.0	82.0
13C-PCB-127	9.26e+07	1.58 y	1.24	43:23	0.937	0.931	0.941	86.1	86.1
13C-PCB-138	9.44e+07	1.26 y	1.17	44:46	0.967	0.962	0.972	93.0	93.0
13C-PCB-141	8.81e+07	1.28 y	1.11	43:56	0.949	0.944	0.954	92.0	92.0
13C-PCB-153	1.04e+08	1.25 y	1.34	43:11	0.932	0.928	0.938	89.9	89.9
13C-PCB-155	1.13e+08	1.24 y	0.83	37:01	0.944	0.939	0.949	116	116
13C-PCB-156	1.14e+08	1.27 y	1.38	48:01	1.037	1.032	1.042	95.2	95.2
13C-PCB-157	1.14e+08	1.28 y	1.37	48:18	1.043	1.037	1.047	96.2	96.2
13C-PCB-159	1.13e+08	1.27 y	1.39	46:03	0.994	0.989	0.999	94.0	94.0
13C-PCB-167	1.14e+08	1.26 y	1.40	46:44	1.009	1.004	1.014	94.3	94.3
13C-PCB-169	1.13e+08	1.26 y	1.39	50:30	1.090	1.085	1.095	93.8	93.8
13C-PCB-170	5.96e+07	0.45 y	0.86	50:54	1.103	1.097	1.109	99.7	99.7
13C-PCB-180	6.55e+07	0.44 y	0.98	49:19	1.069	1.064	1.074	96.3	96.3
13C-PCB-188	8.54e+07	0.44 y	1.40	42:49	0.928	0.923	0.933	87.6	87.6
13C-PCB-189	7.73e+07	0.45 y	1.15	52:31	1.138	1.132	1.144	96.5	96.5
13C-PCB-194	5.93e+07	0.89 y	0.77	54:05	0.995	0.990	1.000	93.8	93.8
13C-PCB-202	1.03e+08	0.88 y	1.28	48:14	1.045	1.040	1.050	115	115
13C-PCB-206	6.89e+07	0.79 y	0.81	55:38	1.024	1.019	1.029	104	104
13C-PCB-208	8.82e+07	0.77 y	1.09	53:20	0.981	0.977	0.987	98.2	98.2
13C-PCB-209	7.52e+07	1.19 y	0.74	56:58	1.048	1.043	1.053	124	124

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.43e+08	0.79 y	1.03	37:47	1.029	1.024	1.034	100	100
13C-PCB-178	6.62e+07	0.46 y	0.93	45:37	0.985	0.980	0.990	102	102

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.43e+08	0.79 y	1.03	37:47	0.968	0.963	0.973	108	108
13C-PCB-178	6.62e+07	0.46 y	0.95	45:37	0.925	0.920	0.930	106	106

RS

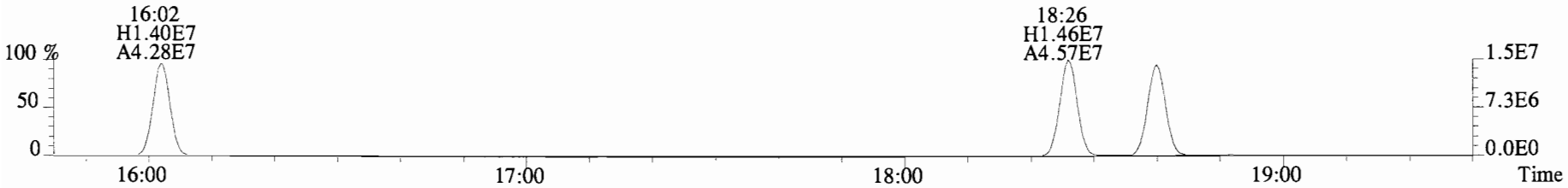
Name	Resp	RA		RRF	RT	Conc
13C-PCB-15	1.38e+08	1.55	y	1.00	25:53	100
13C-PCB-31	1.15e+08	1.04	y	1.00	28:56	100
13C-PCB-60	1.38e+08	0.79	y	1.00	36:44	100
13C-PCB-111	1.18e+08	1.57	y	1.00	39:12	100
13C-PCB-128	8.65e+07	1.26	y	1.00	46:19	100
13C-PCB-182	6.97e+07	0.46	y	1.00	46:09	100
13C-PCB-205	8.22e+07	0.89	y	1.00	54:21	100

Analyst: DB

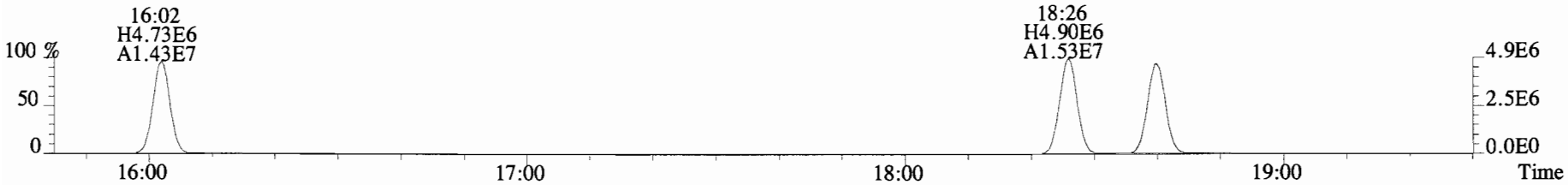
Date: 3/21/18

File:180314E1 #1-867 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1

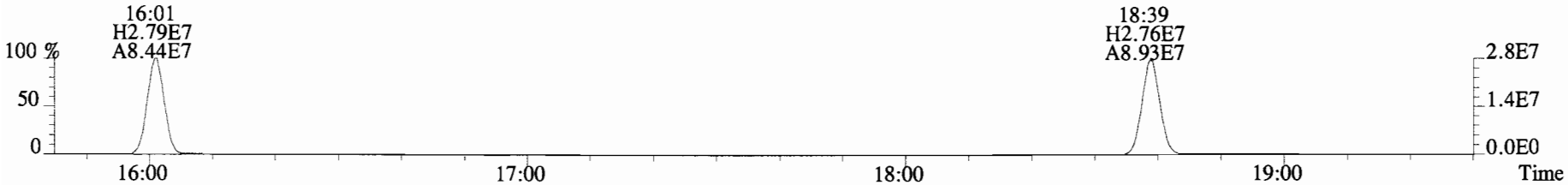
188.0393 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16372.0,0.00%,F,F)



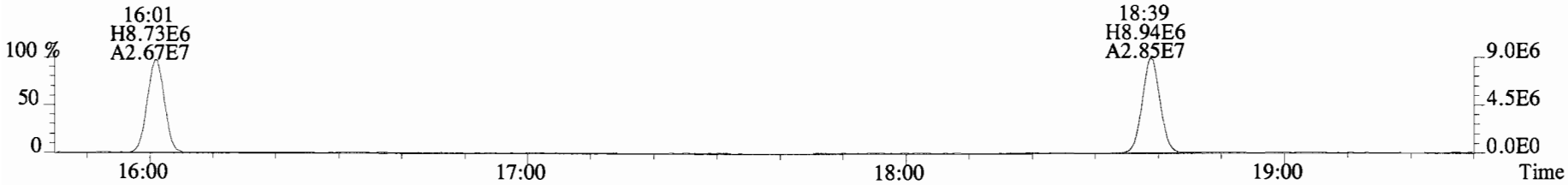
190.0363 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11072.0,0.00%,F,F)



200.0795 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11920.0,0.00%,F,F)

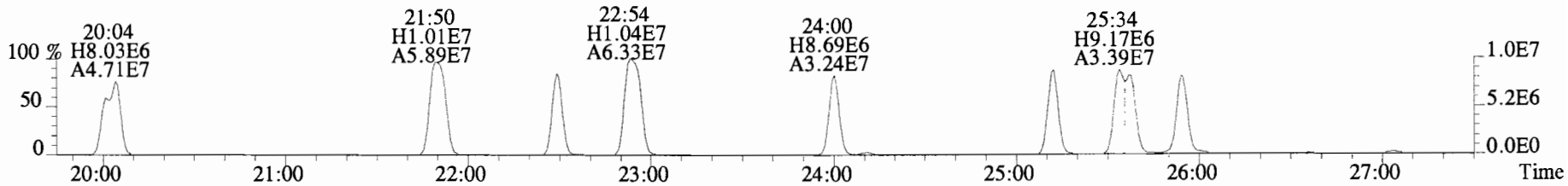


202.0766 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,34964.0,0.00%,F,F)

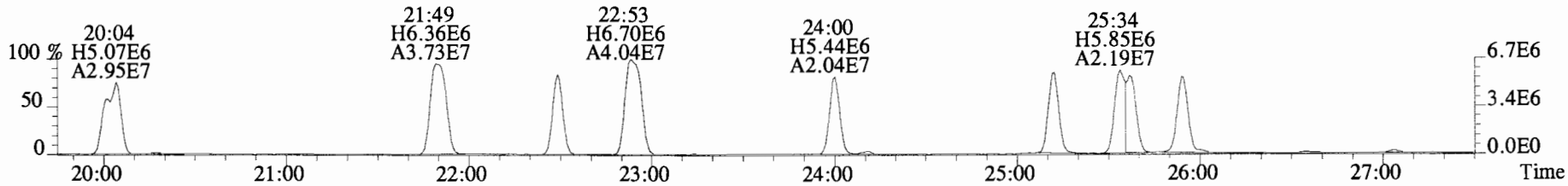


180.9880 S:6

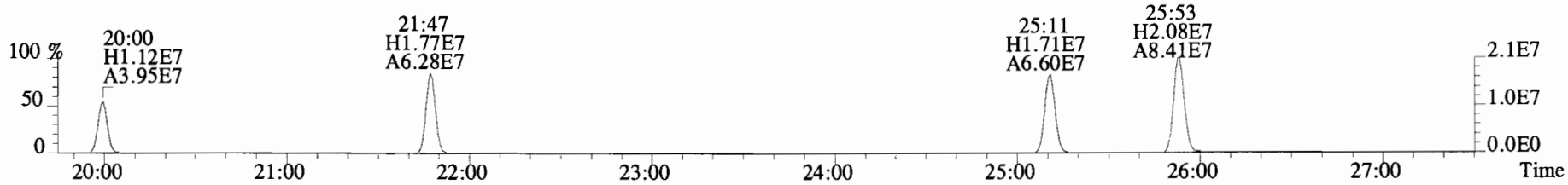
File:180314E1 #1-757 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1
222.0003 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5996.0,0.00%,F,F)



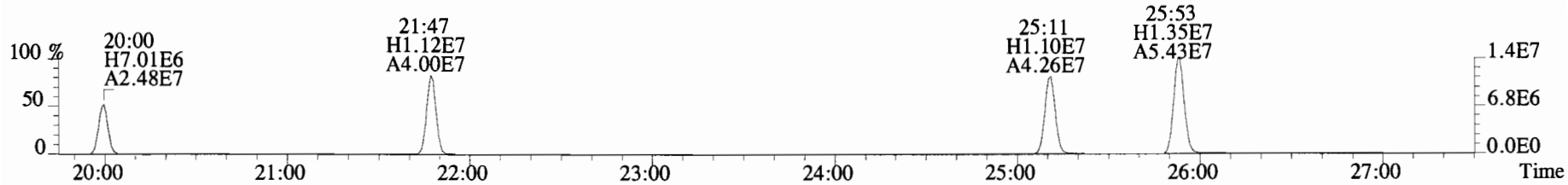
223.9974 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,65388.0,0.00%,F,F)



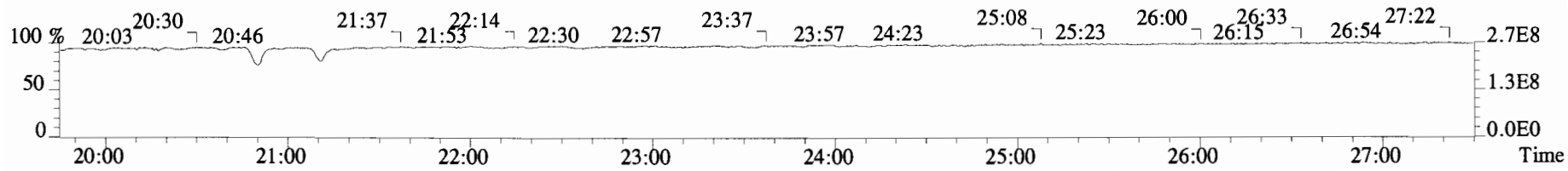
234.0406 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5544.0,0.00%,F,F)



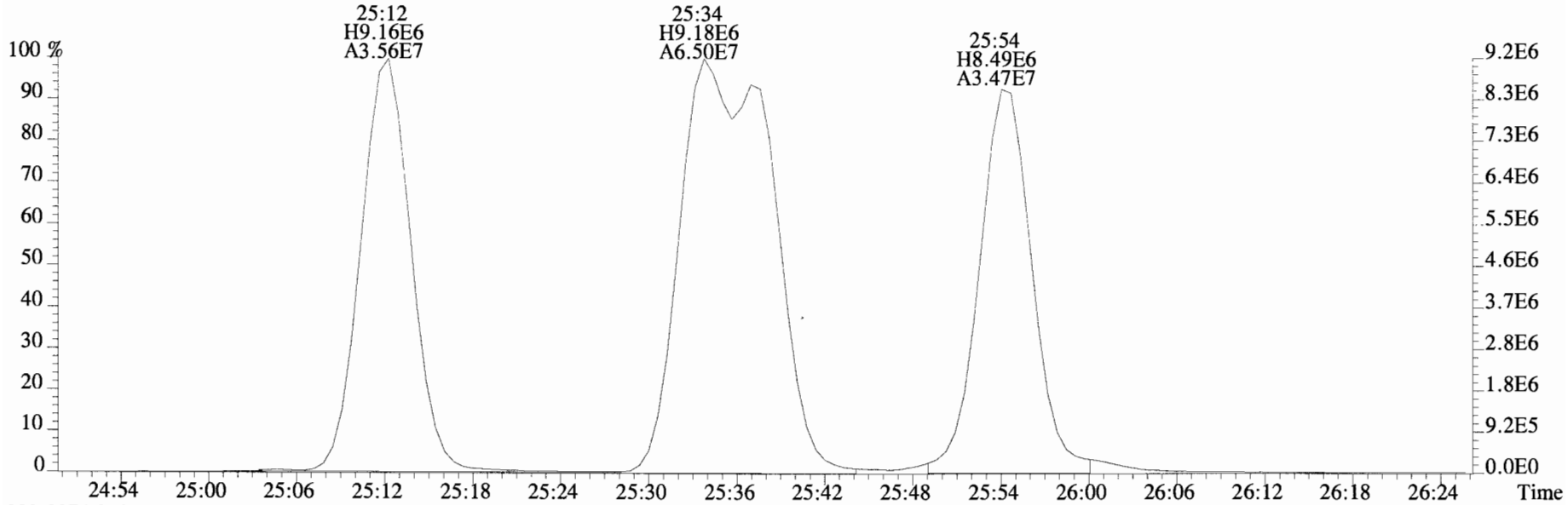
236.0376 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4420.0,0.00%,F,F)



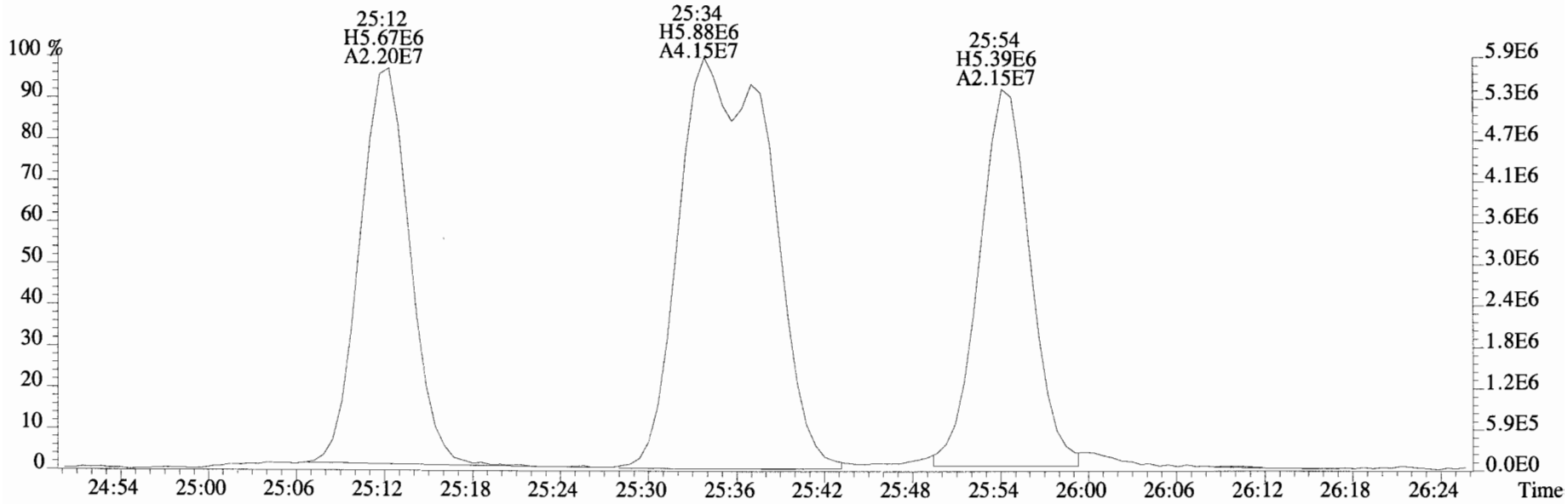
230.9856 S:6 F:2



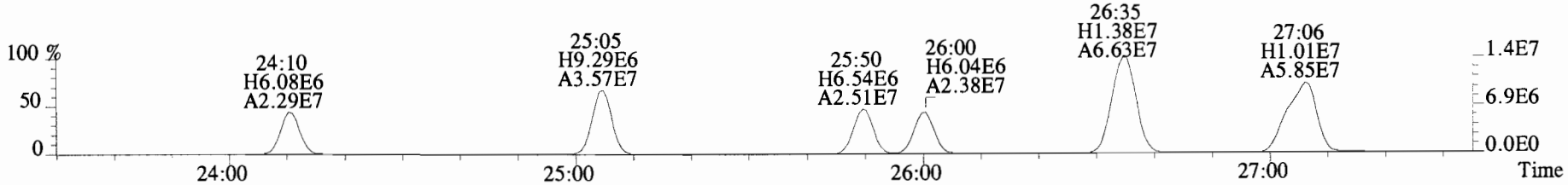
File:180314E1 #1-757 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1
222.0003 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5996.0,0.00%,F,F)



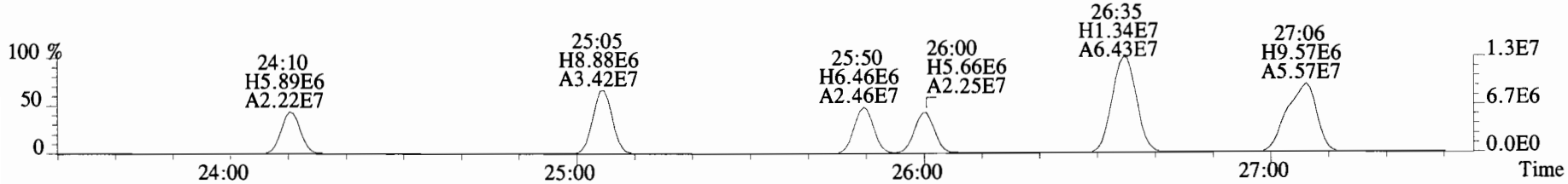
223.9974 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,65388.0,0.00%,F,F)



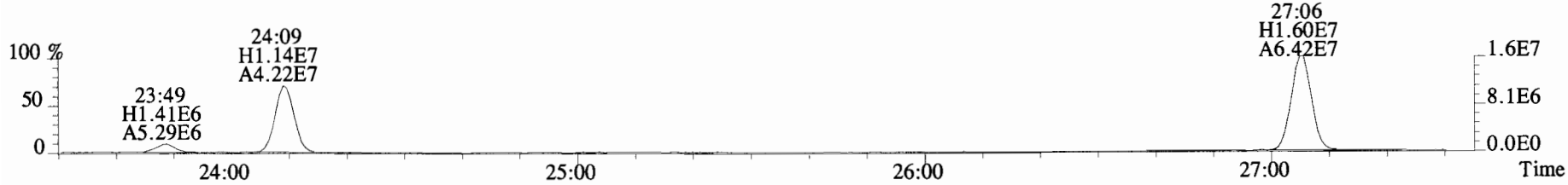
File:180314E1 #1-757 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1
255.9613 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5180.0,0.00%,F,F)



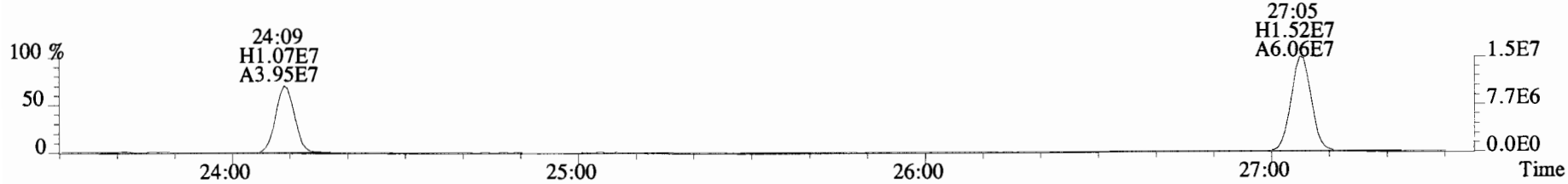
257.9584 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3536.0,0.00%,F,F)



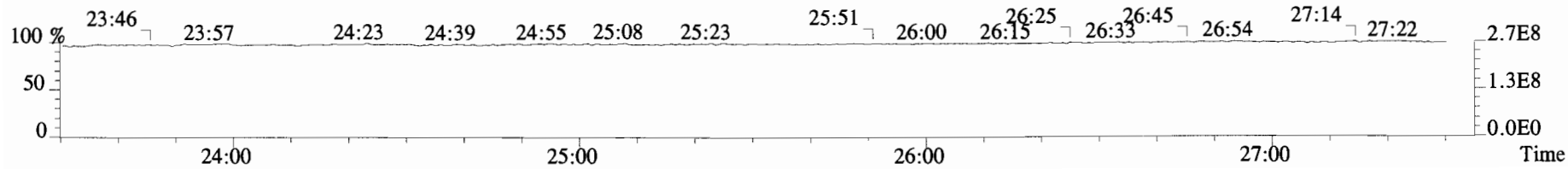
268.0016 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,164468.0,0.00%,F,F)



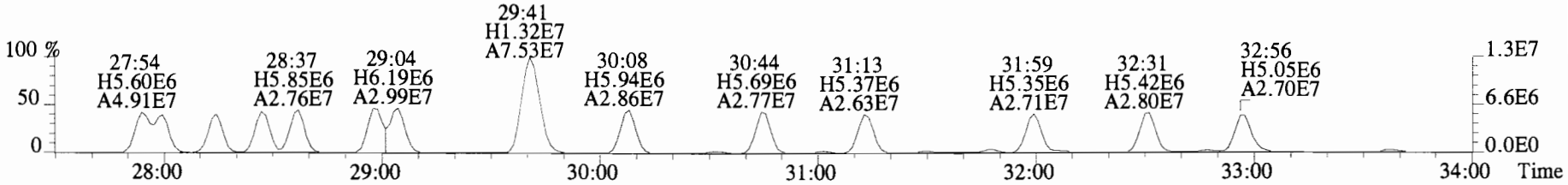
269.9986 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,111656.0,0.00%,F,F)



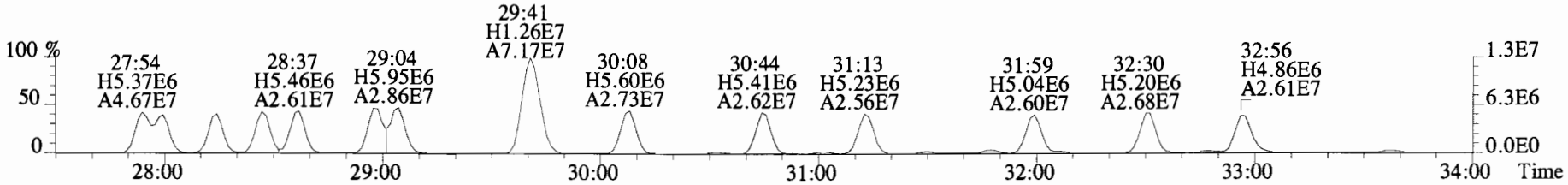
230.9856 S:6 F:2



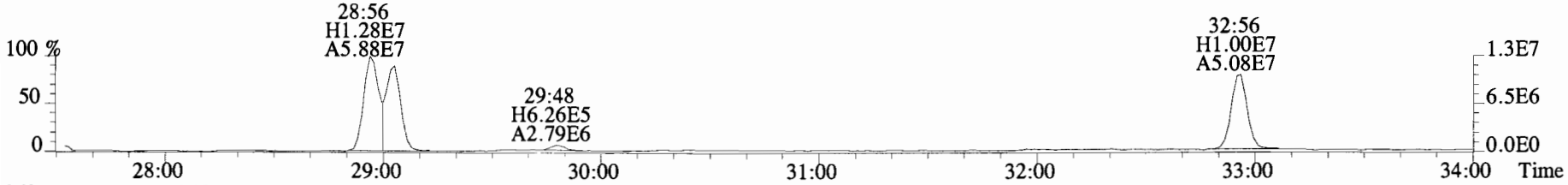
File:180314E1 #1-756 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1
255.9613 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18152.0,0.00%,F,F)



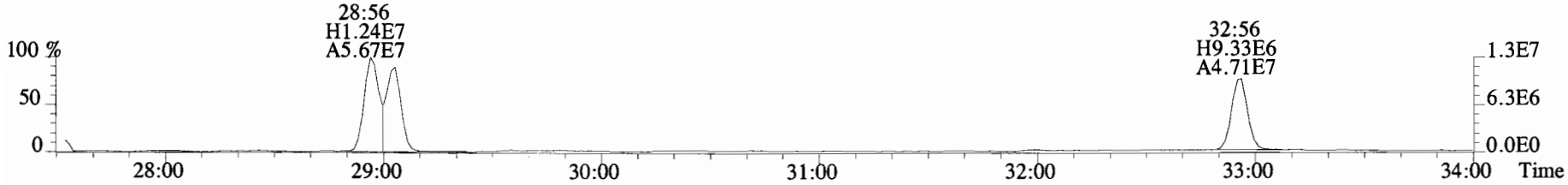
257.9584 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15204.0,0.00%,F,F)



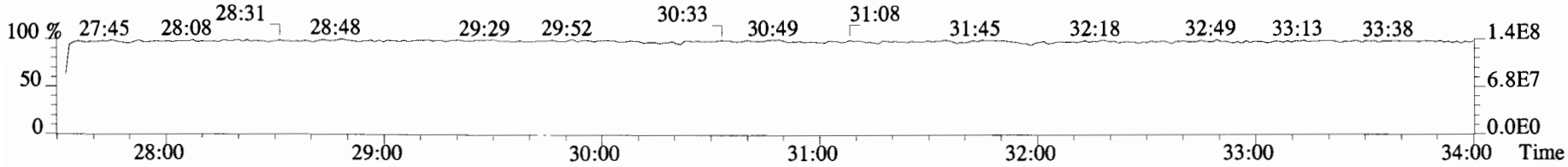
268.0016 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,335584.0,0.00%,F,F)



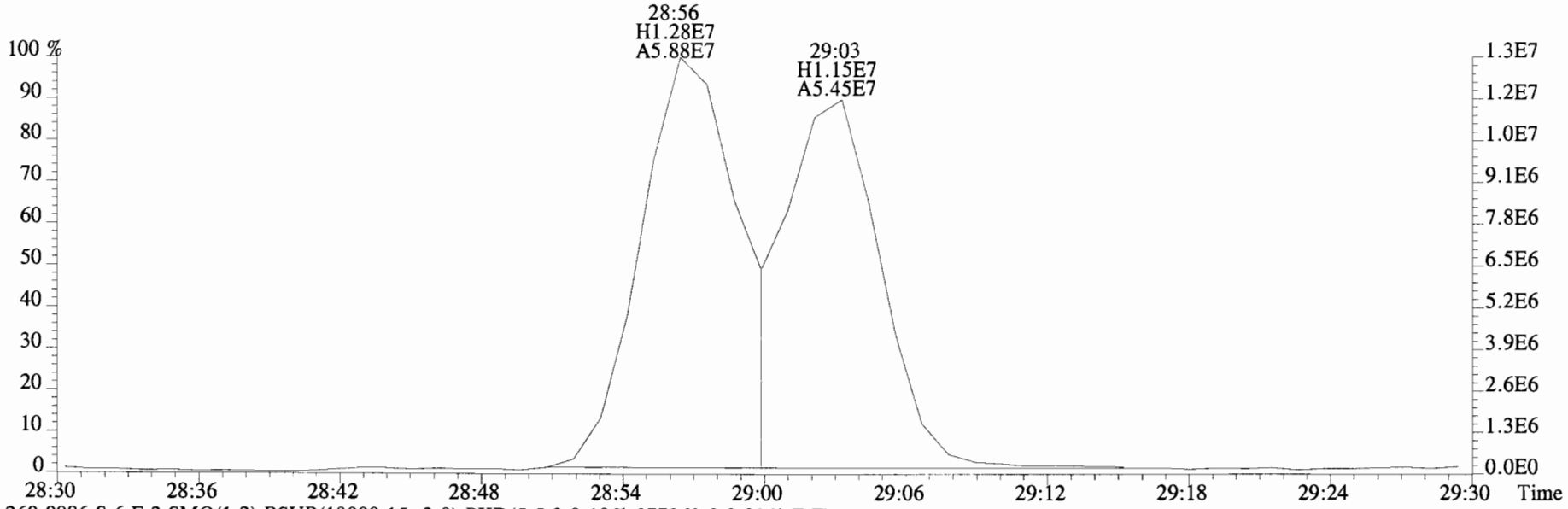
269.9986 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,277960.0,0.00%,F,F)



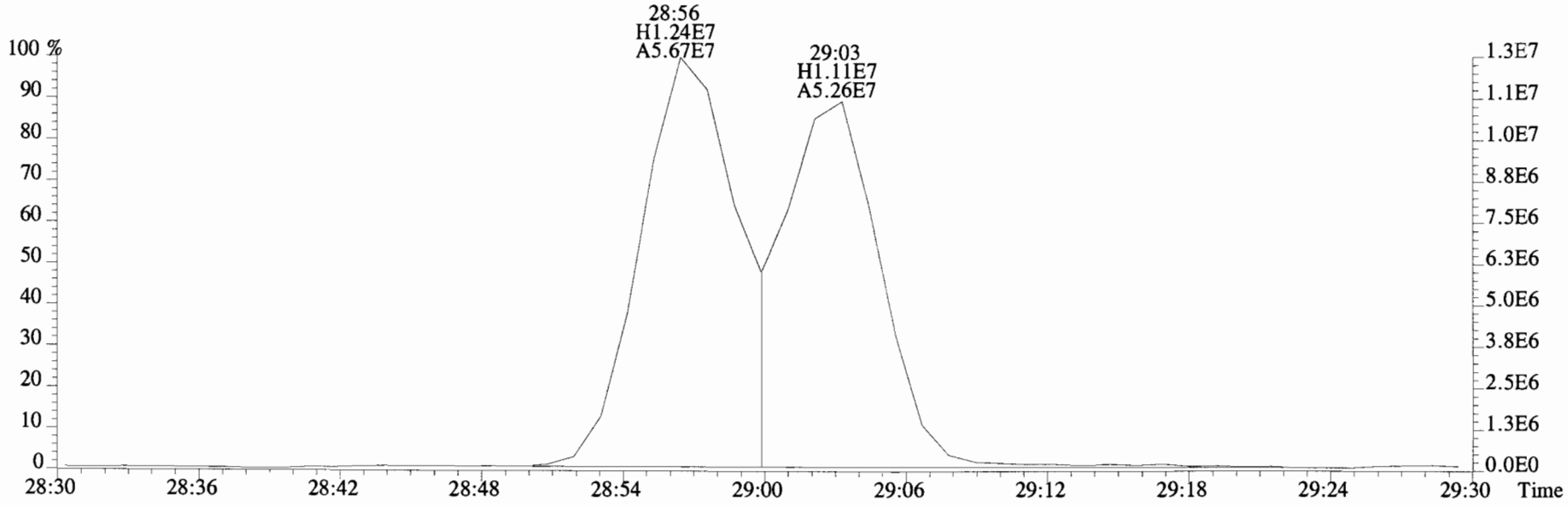
330.9792 S:6 F:3



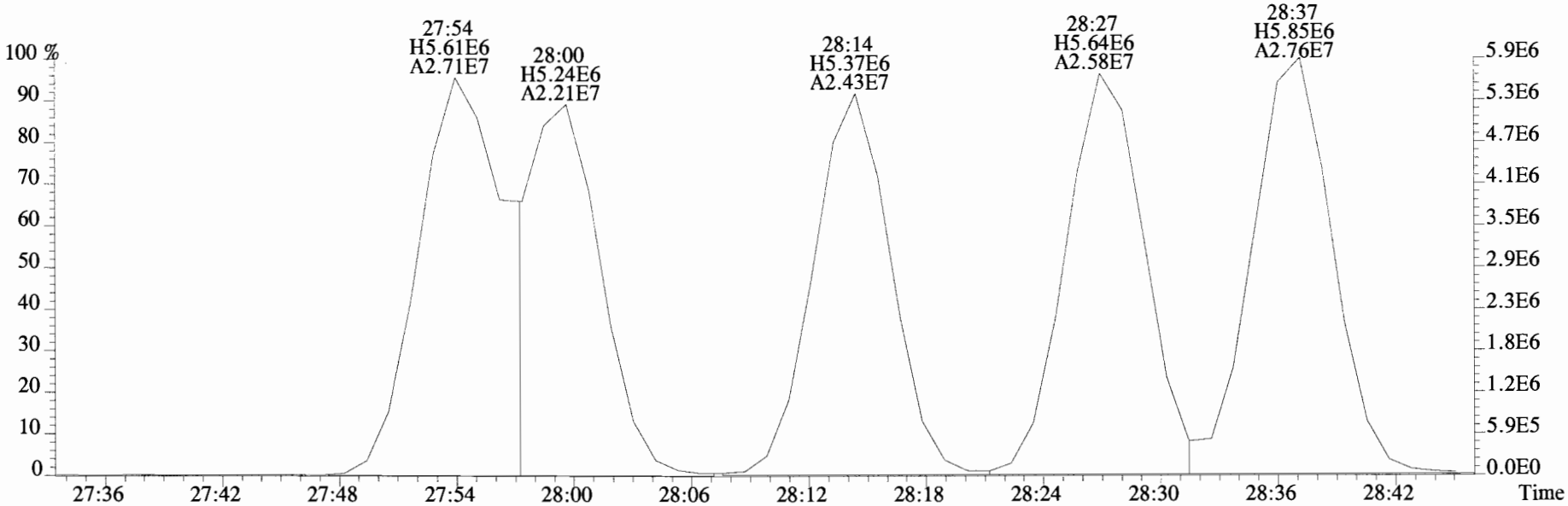
File:180314E1 #1-756 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1
268.0016 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,335584.0,0.00%,F,F)



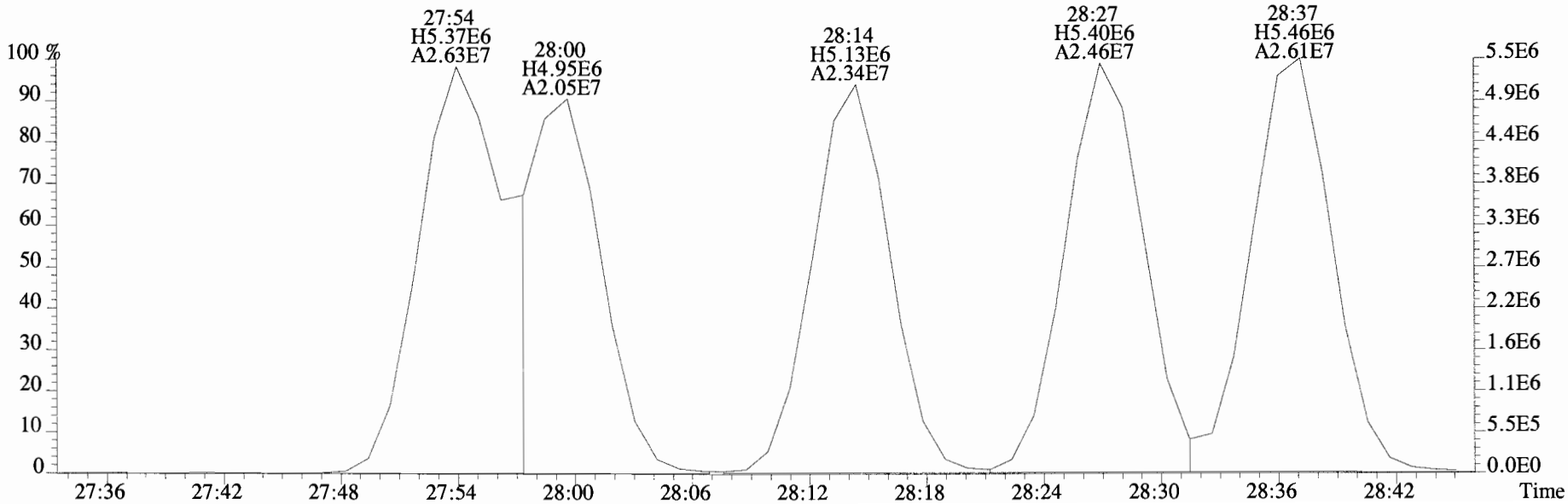
269.9986 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,277960.0,0.00%,F,F)



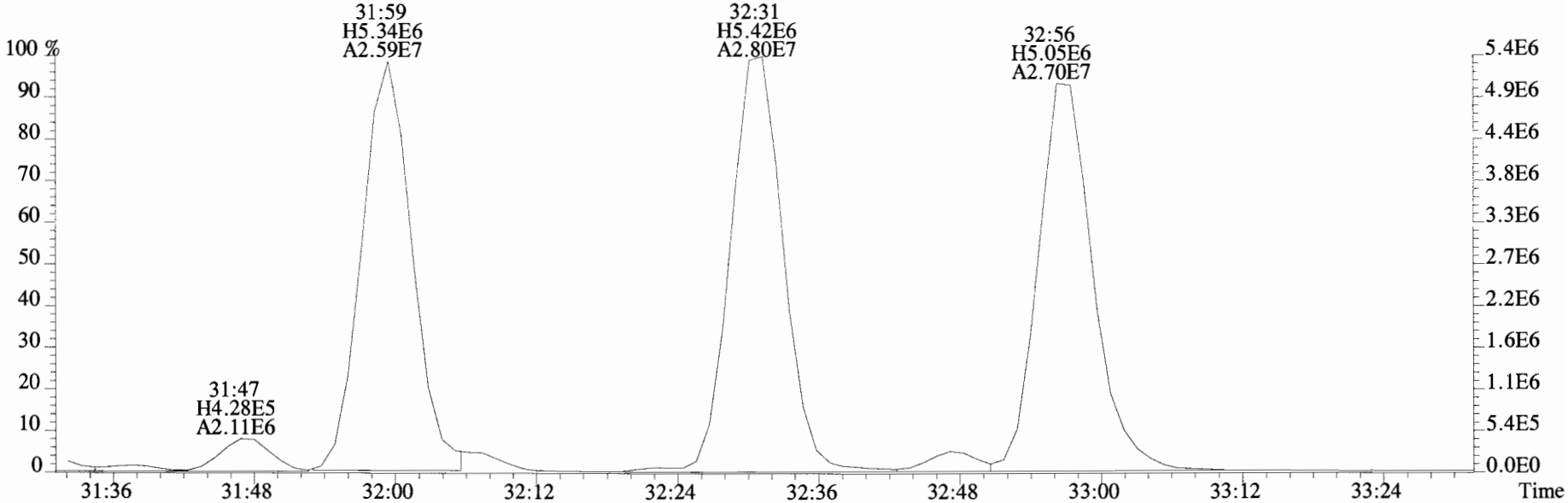
File:180314E1 #1-756 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1
255.9613 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18376.0,0.00%,F,F)



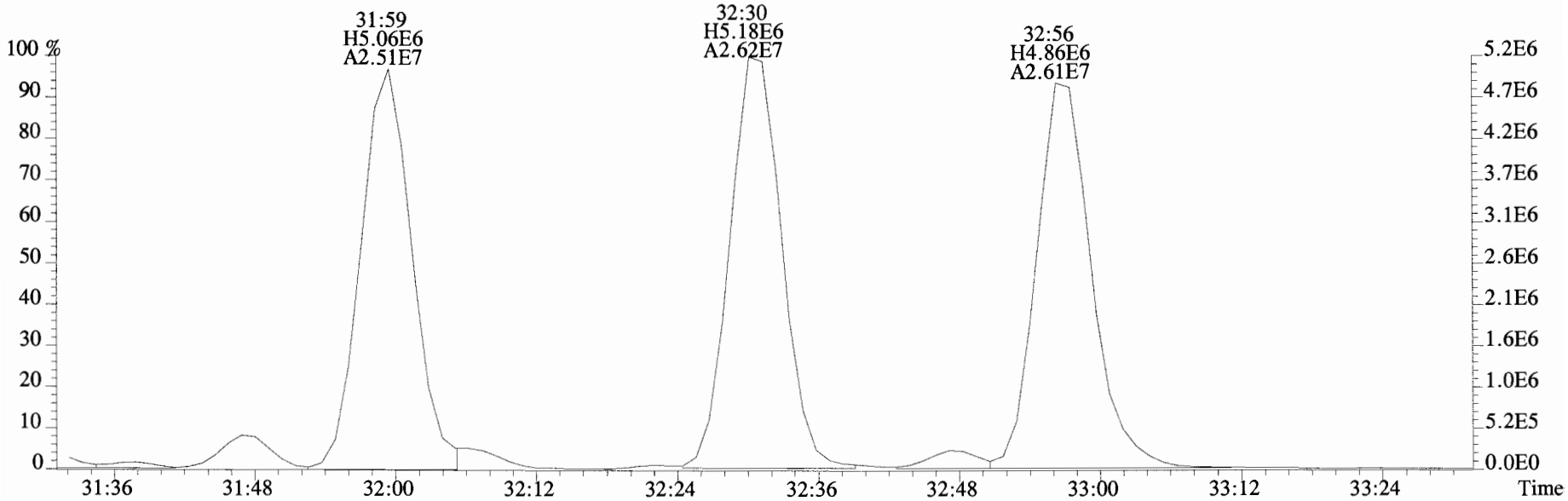
257.9584 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15204.0,0.00%,F,F)



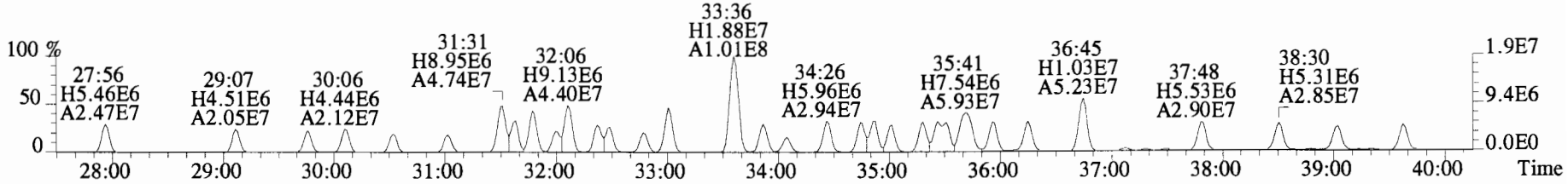
File:180314E1 #1-756 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1
255.9613 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18376.0,0.00%,F,F)



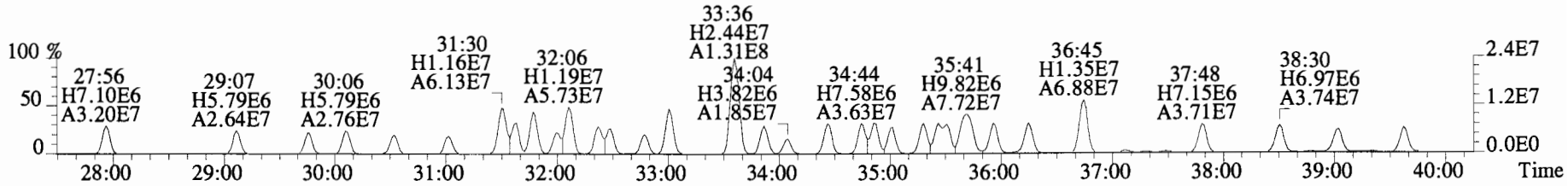
257.9584 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15204.0,0.00%,F,F)



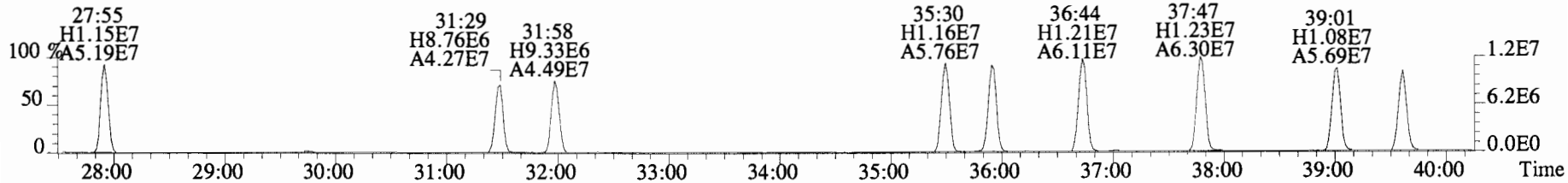
File:180314E1 #1-756 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10460.0,0.00%,F,F)



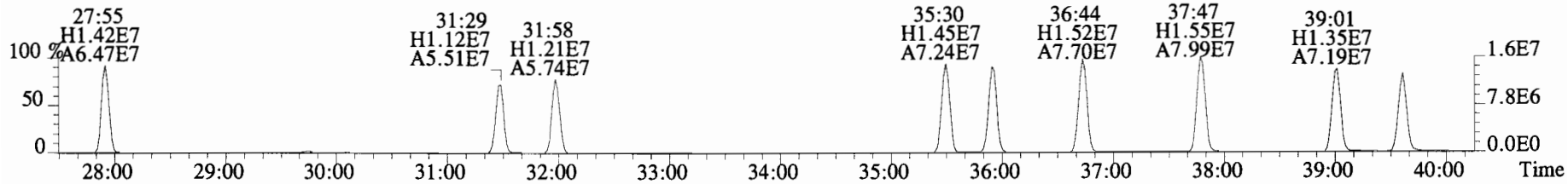
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28592.0,0.00%,F,F)



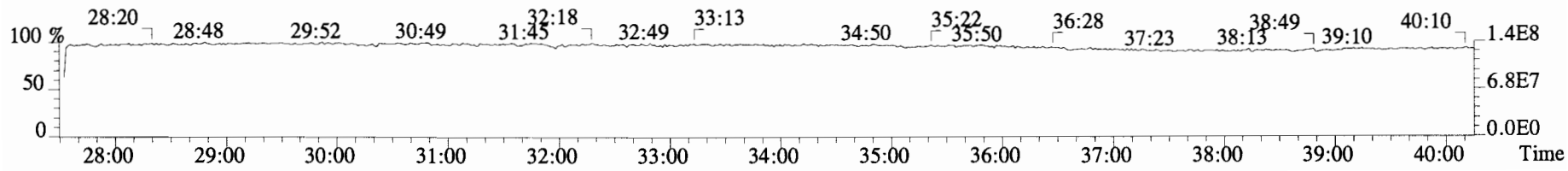
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,89384.0,0.00%,F,F)



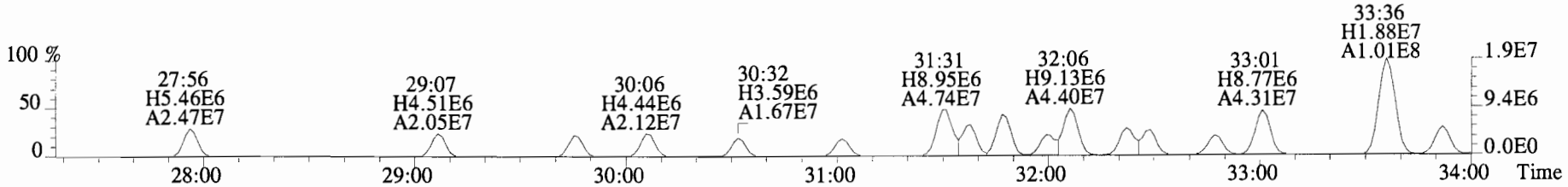
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38148.0,0.00%,F,F)



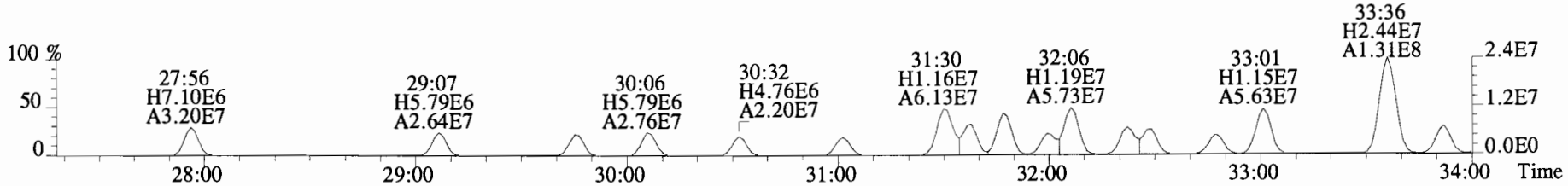
330.9792 S:6 F:3



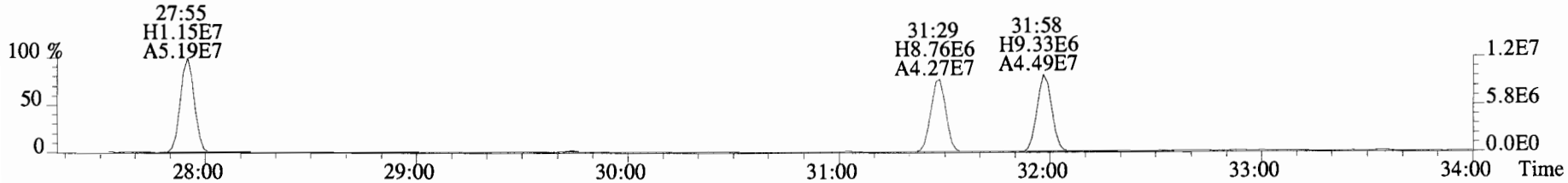
File:180314E1 #1-756 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10460.0,0.00%,F,F)



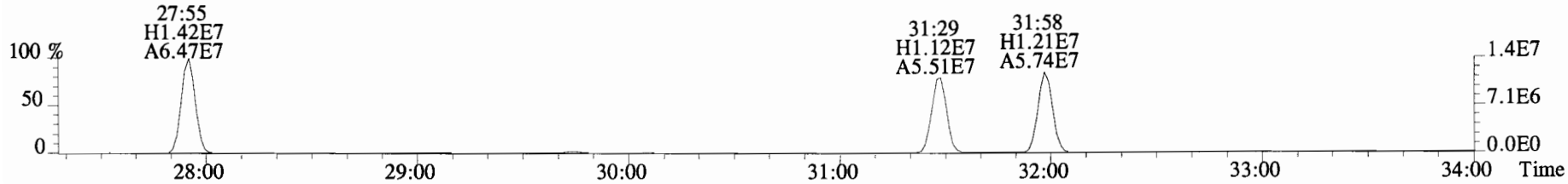
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28592.0,0.00%,F,F)



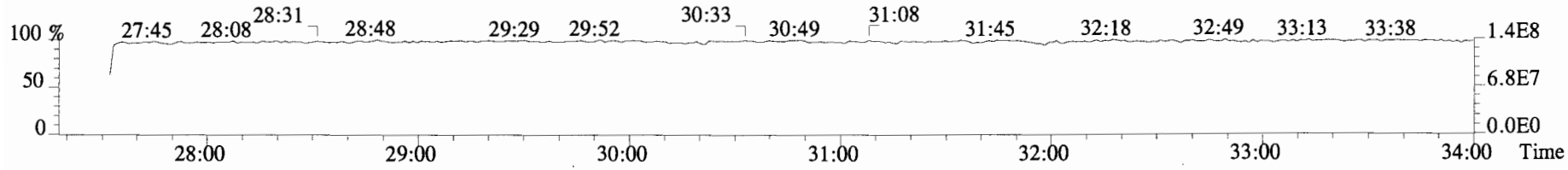
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,89384.0,0.00%,F,F)



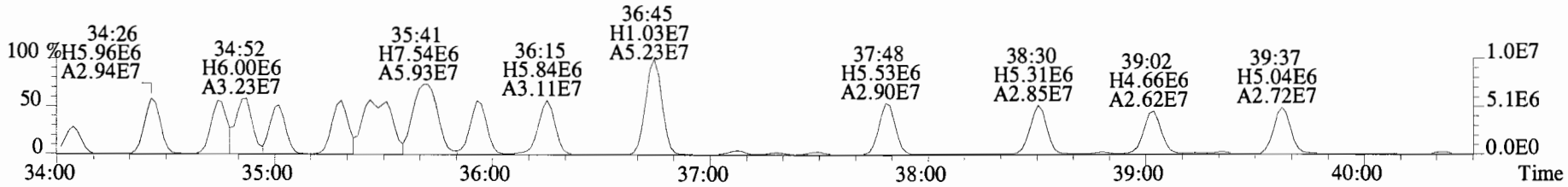
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38148.0,0.00%,F,F)



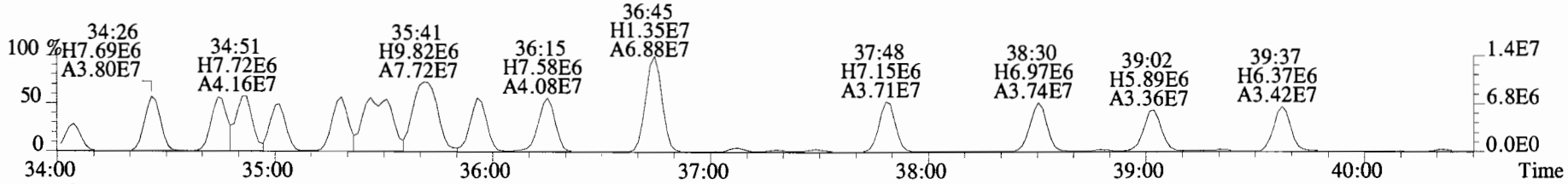
330.9792 S:6 F:3



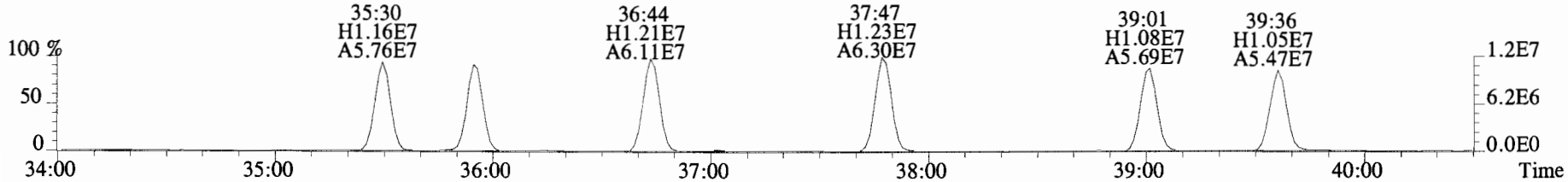
File:180314E1 #1-756 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10460.0,0.00%,F,F)



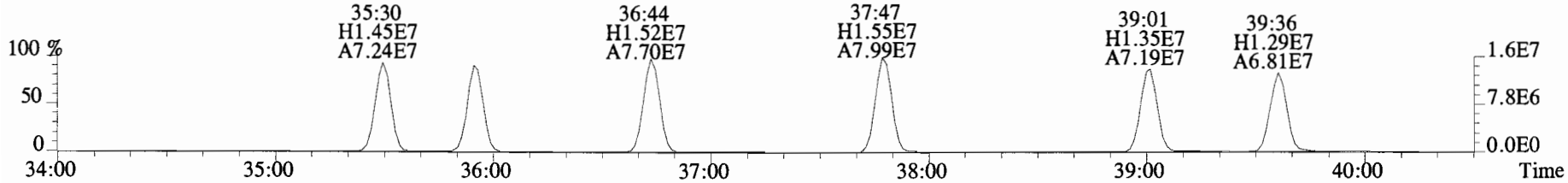
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28592.0,0.00%,F,F)



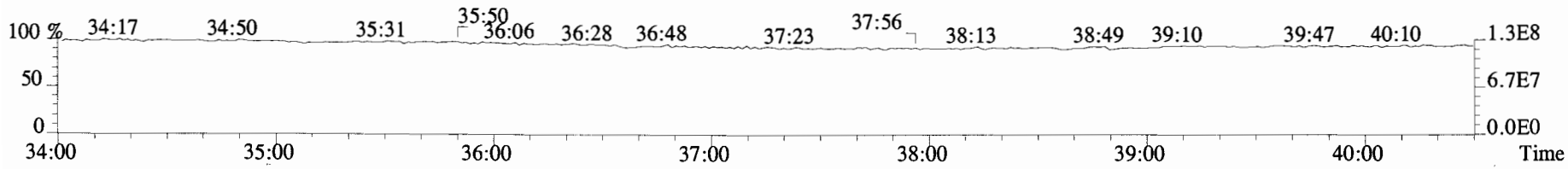
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,89384.0,0.00%,F,F)



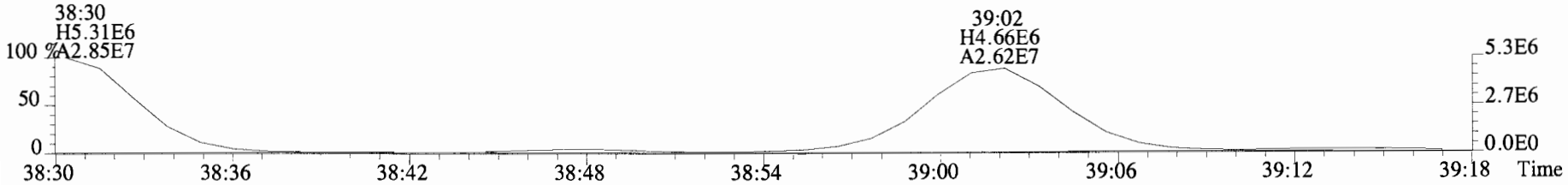
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38148.0,0.00%,F,F)



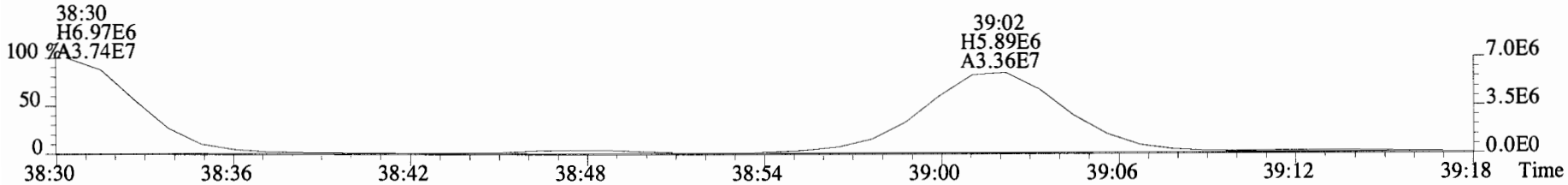
330.9792 S:6 F:3



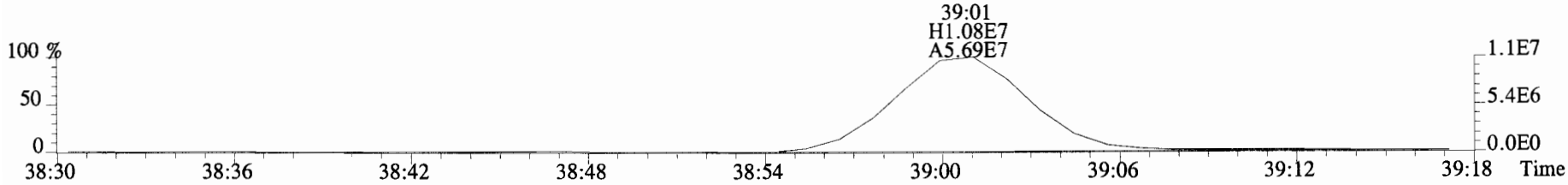
File:180314E1 #1-756 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10460.0,0.00%,F,F)



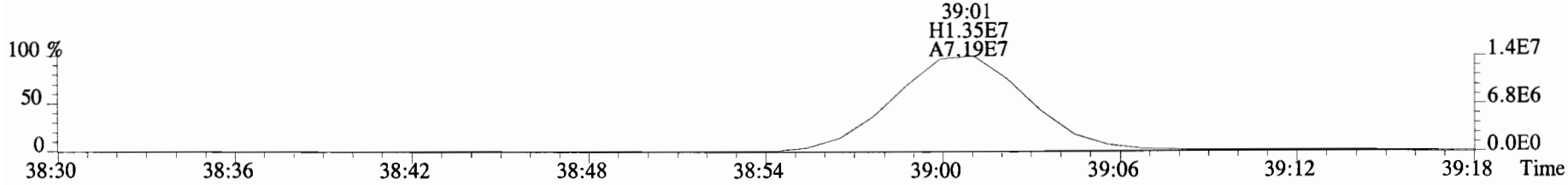
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28592.0,0.00%,F,F)



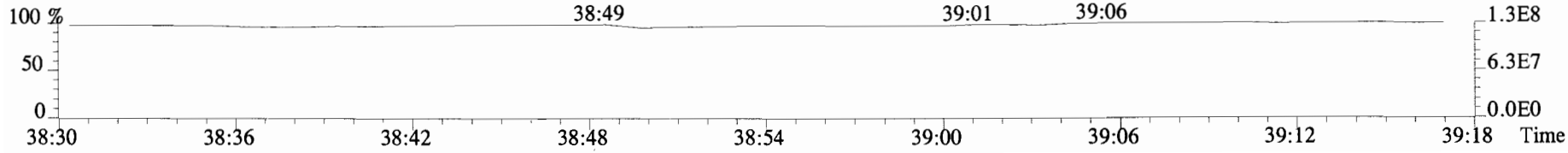
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,89384.0,0.00%,F,F)



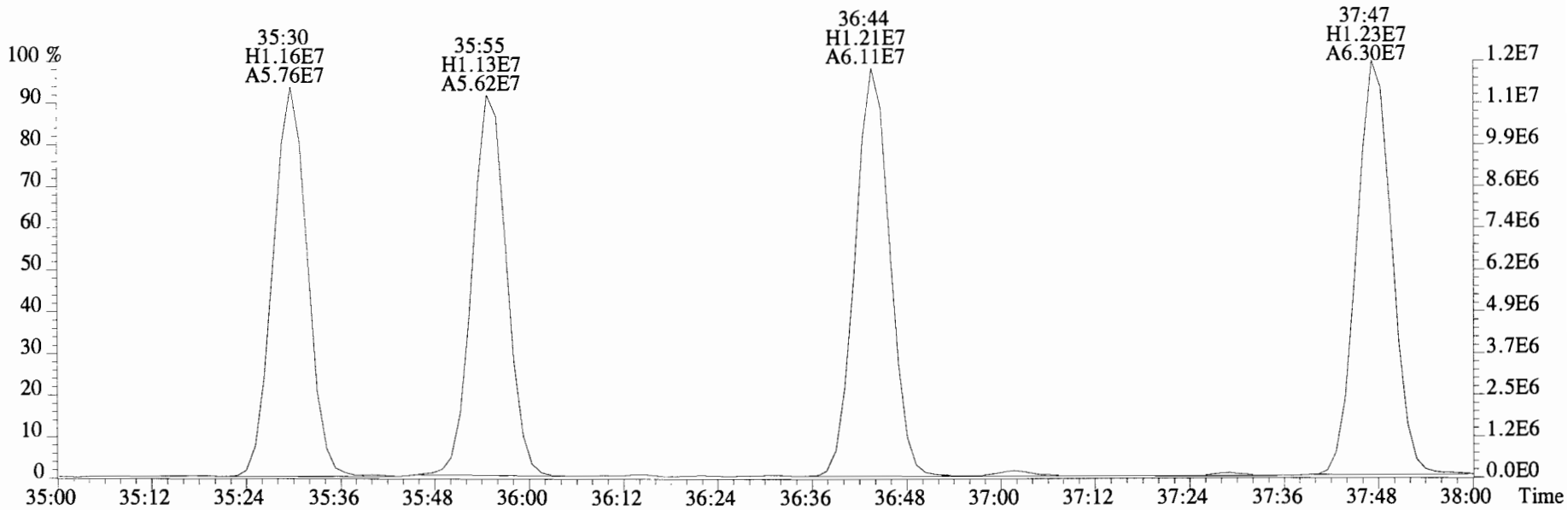
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38148.0,0.00%,F,F)



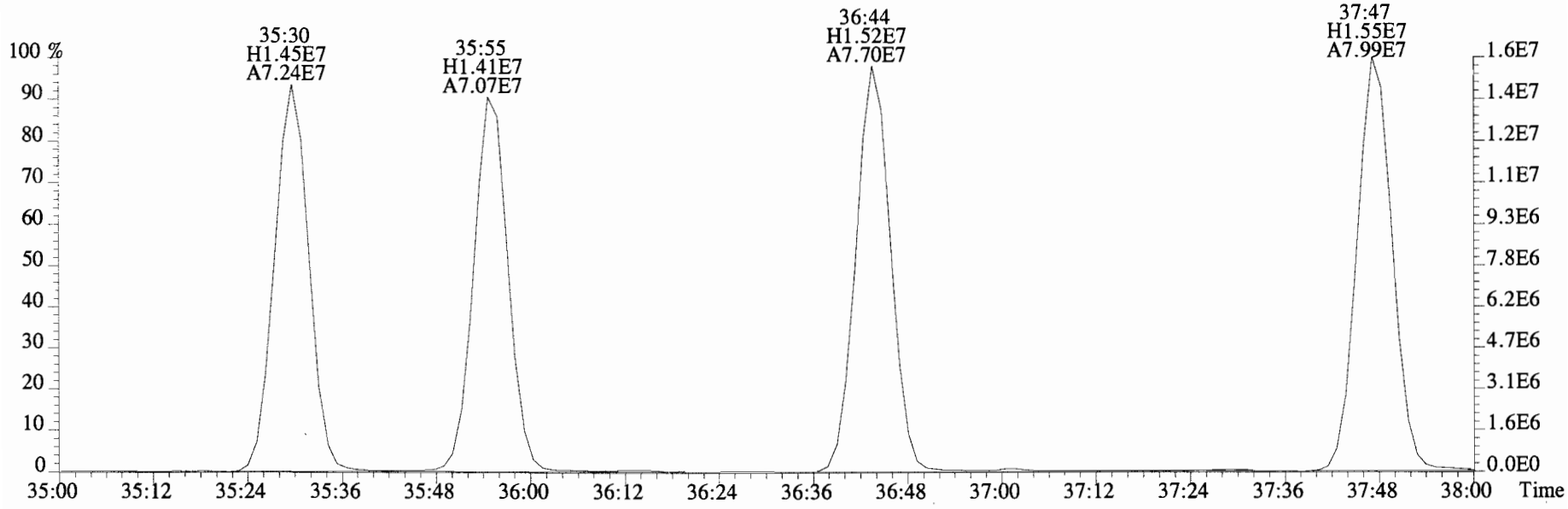
330.9792 S:6 F:3



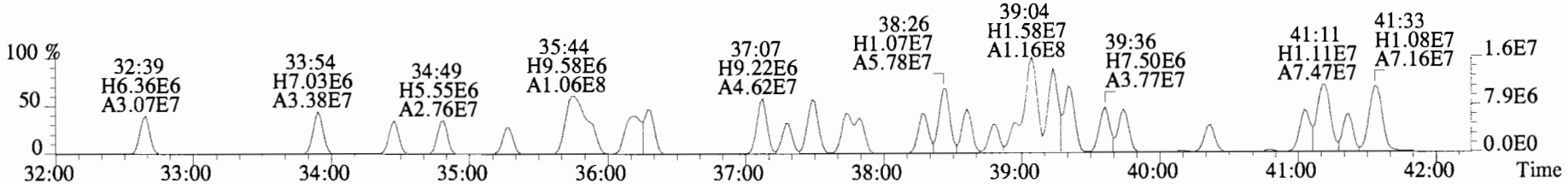
File:180314E1 #1-756 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,89384.0,0.00%,F,F)



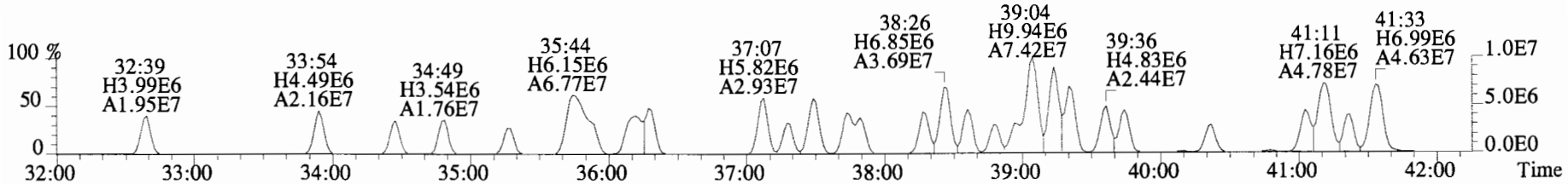
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38148.0,0.00%,F,F)



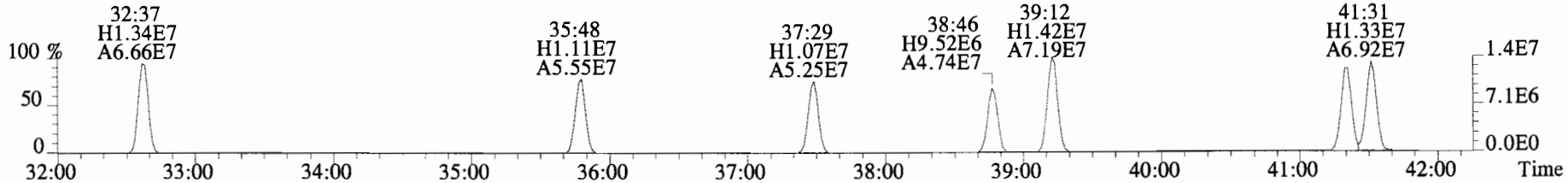
File:180314E1 #1-756 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1328.0,0.00%,F,F)



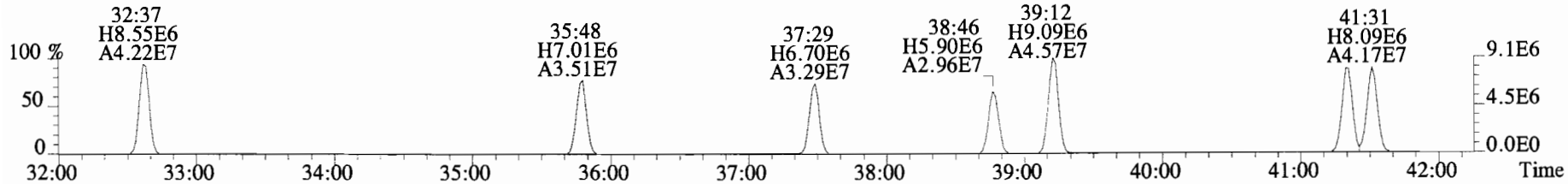
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1764.0,0.00%,F,F)



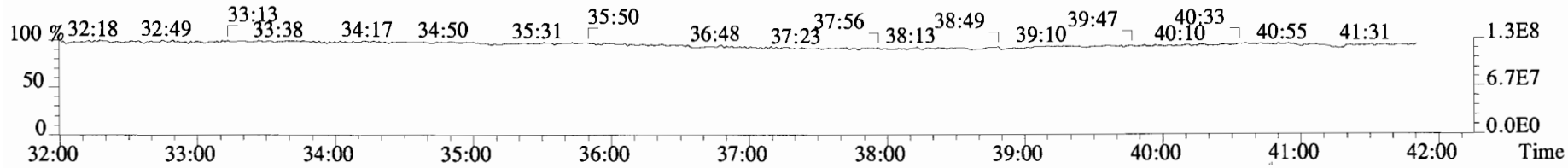
337.9207 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5856.0,0.00%,F,F)



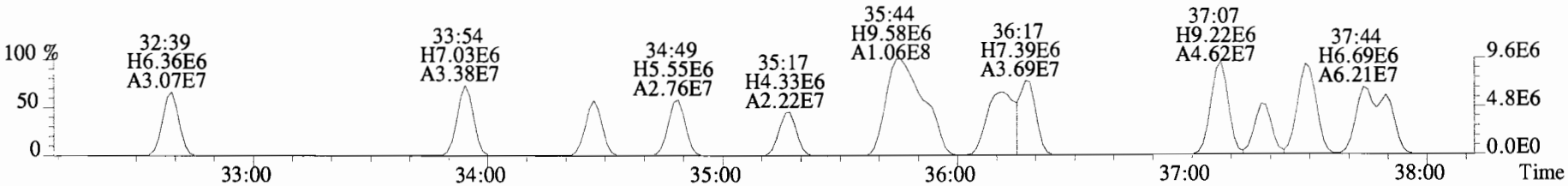
339.9177 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3876.0,0.00%,F,F)



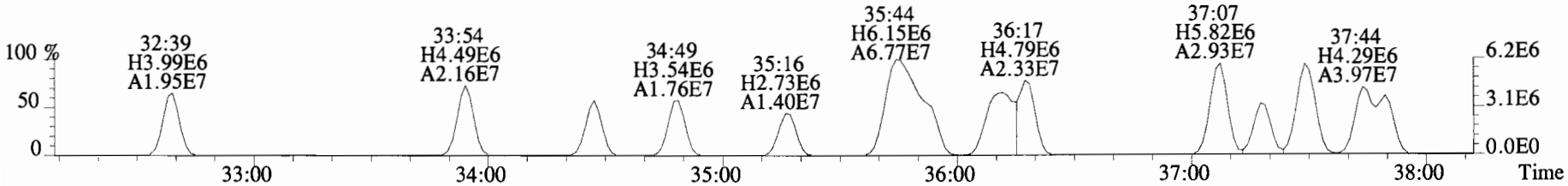
330.9792 S:6 F:3



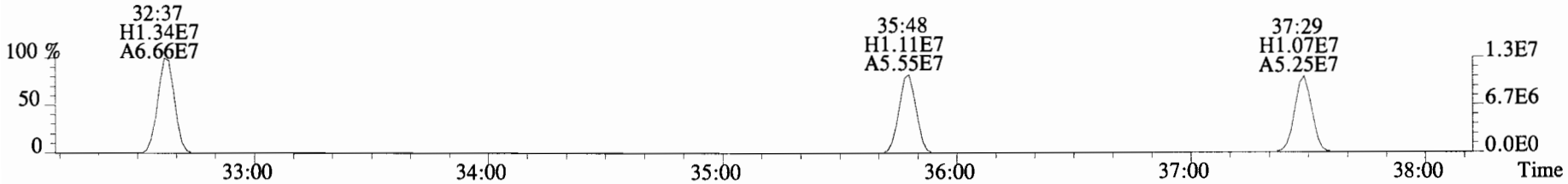
File:180314E1 #1-756 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1328.0,0.00%,F,F)



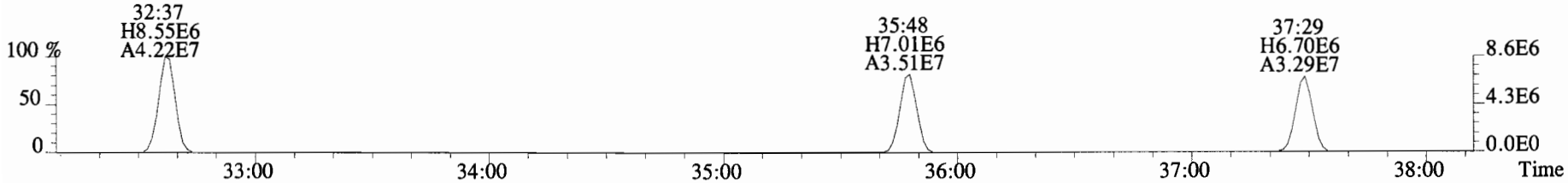
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1764.0,0.00%,F,F)



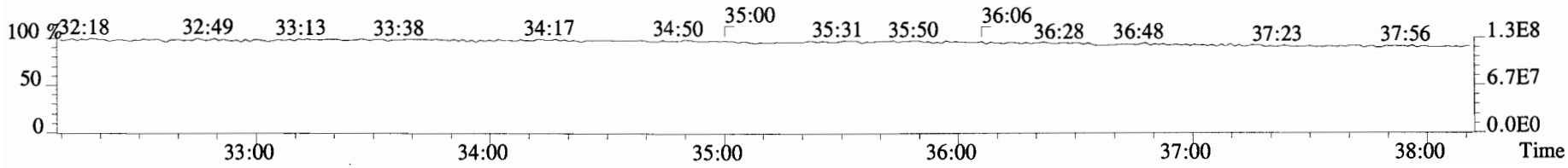
337.9207 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5856.0,0.00%,F,F)



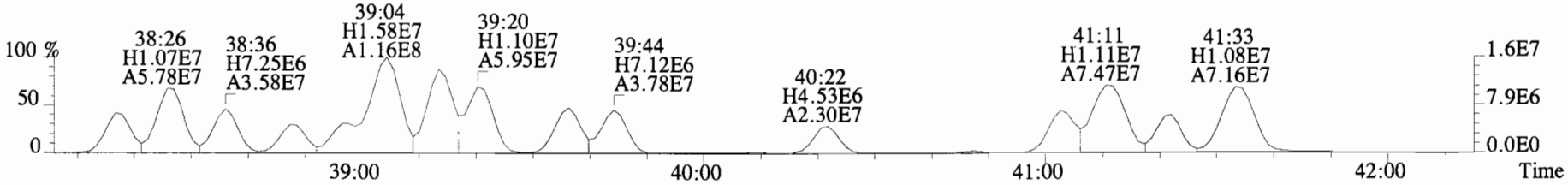
339.9177 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3876.0,0.00%,F,F)



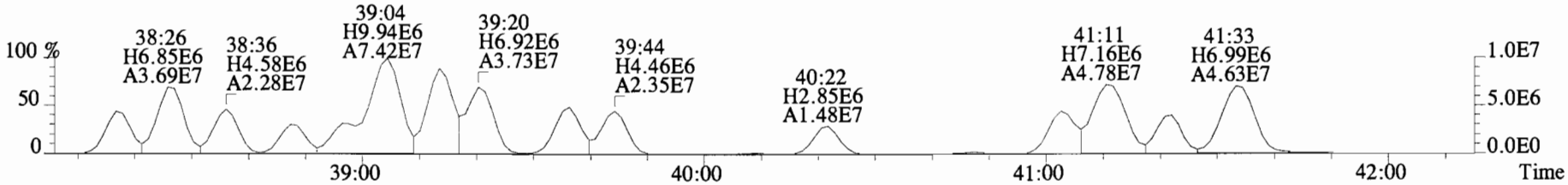
330.9792 S:6 F:3



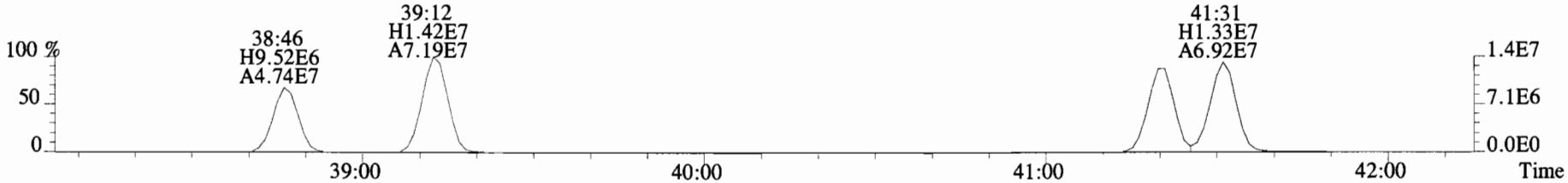
File:180314E1 #1-756 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1328.0,0.00%,F,F)



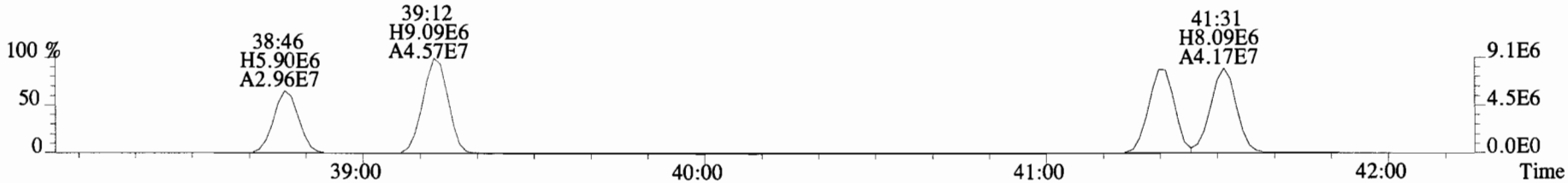
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1764.0,0.00%,F,F)



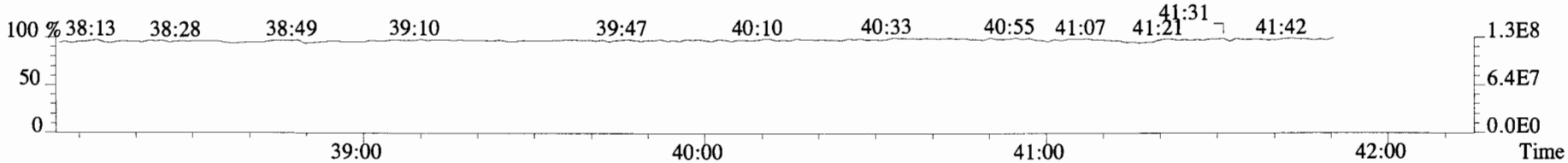
337.9207 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5856.0,0.00%,F,F)



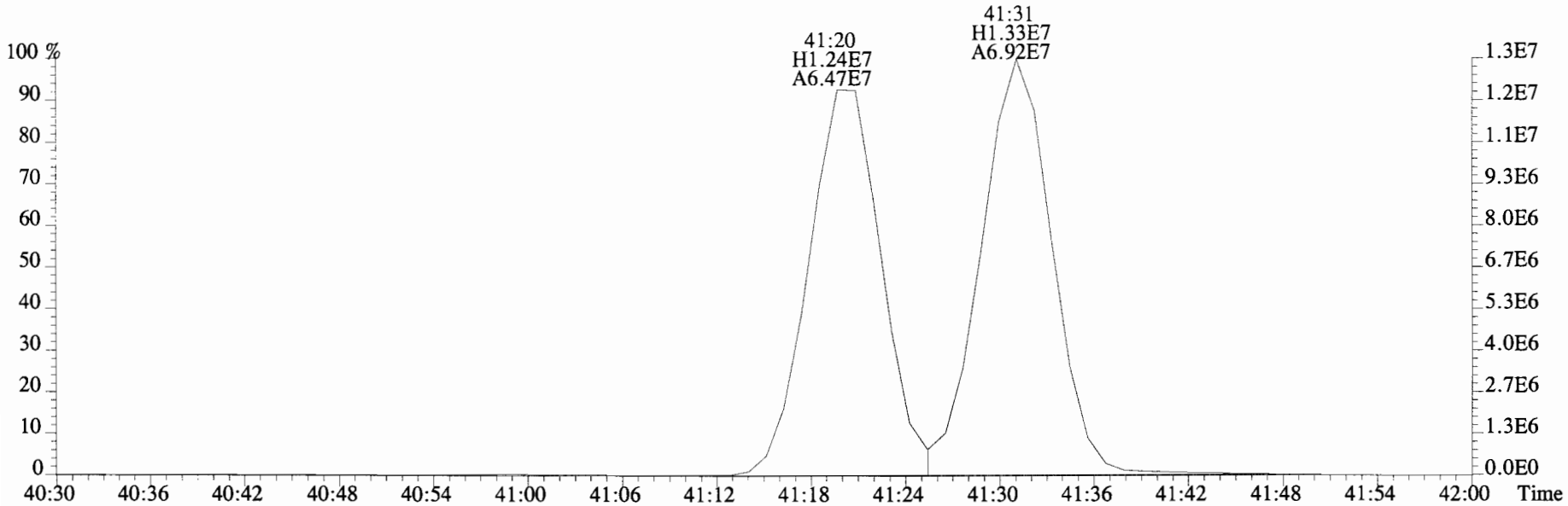
339.9177 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3876.0,0.00%,F,F)



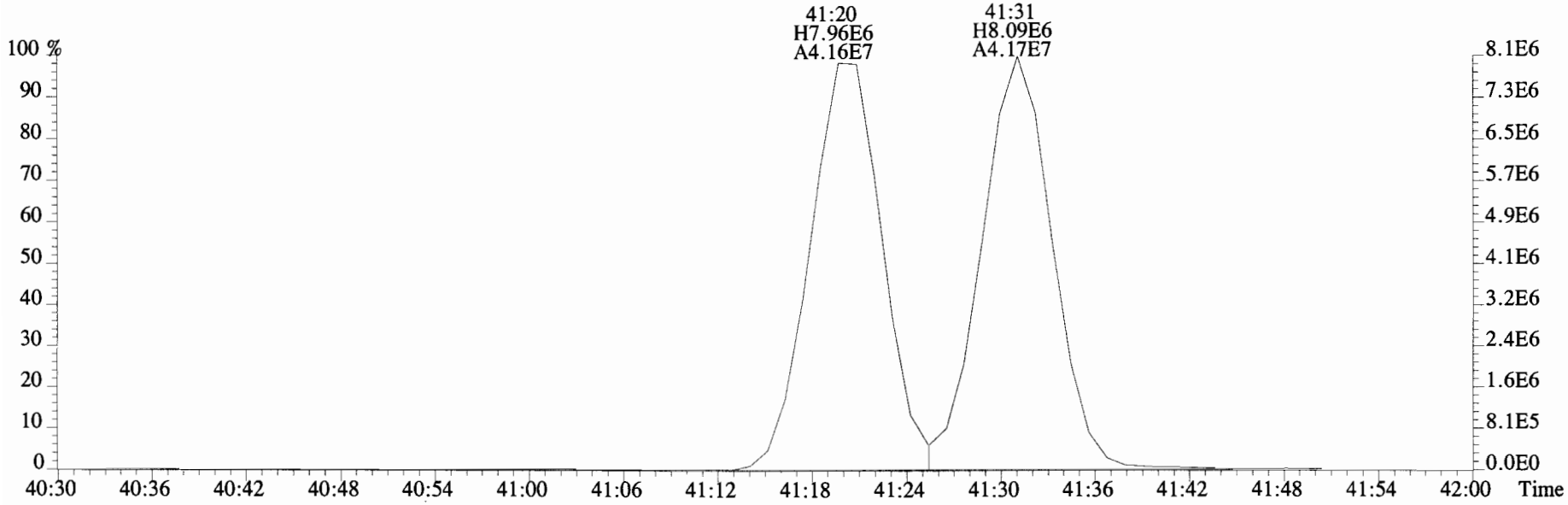
330.9792 S:6 F:3



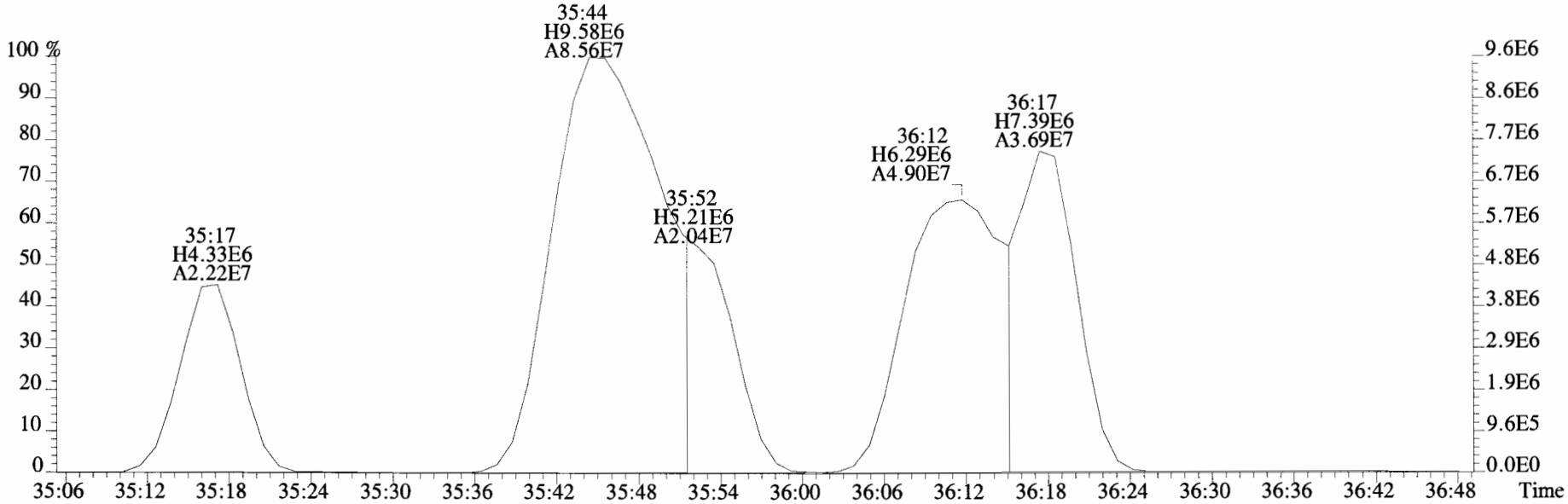
File:180314E1 #1-756 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1
337.9207 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5856.0,0.00%,F,F)



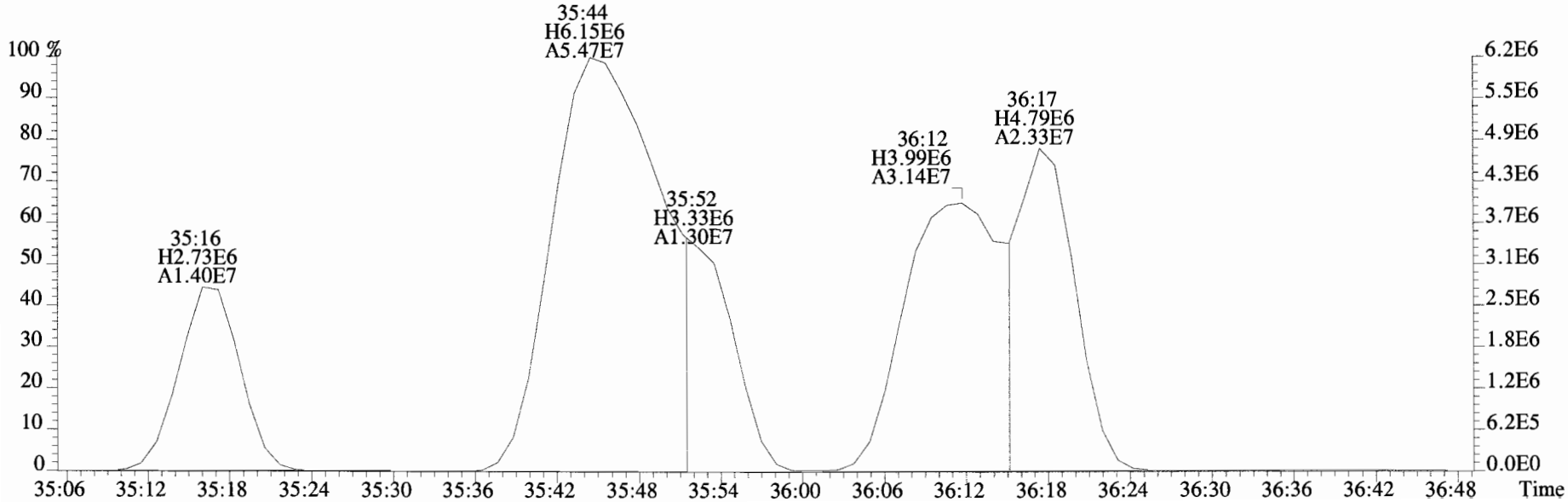
339.9177 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3876.0,0.00%,F,F)



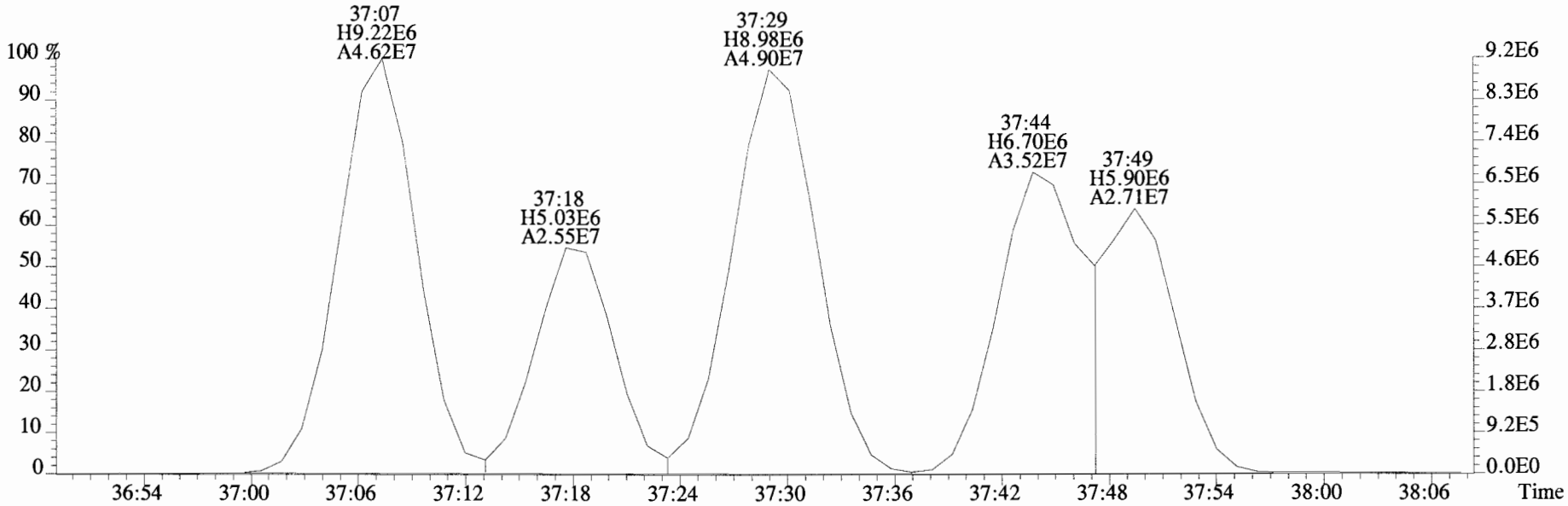
File:180314E1 #1-756 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1260.0,0.00%,F,F)



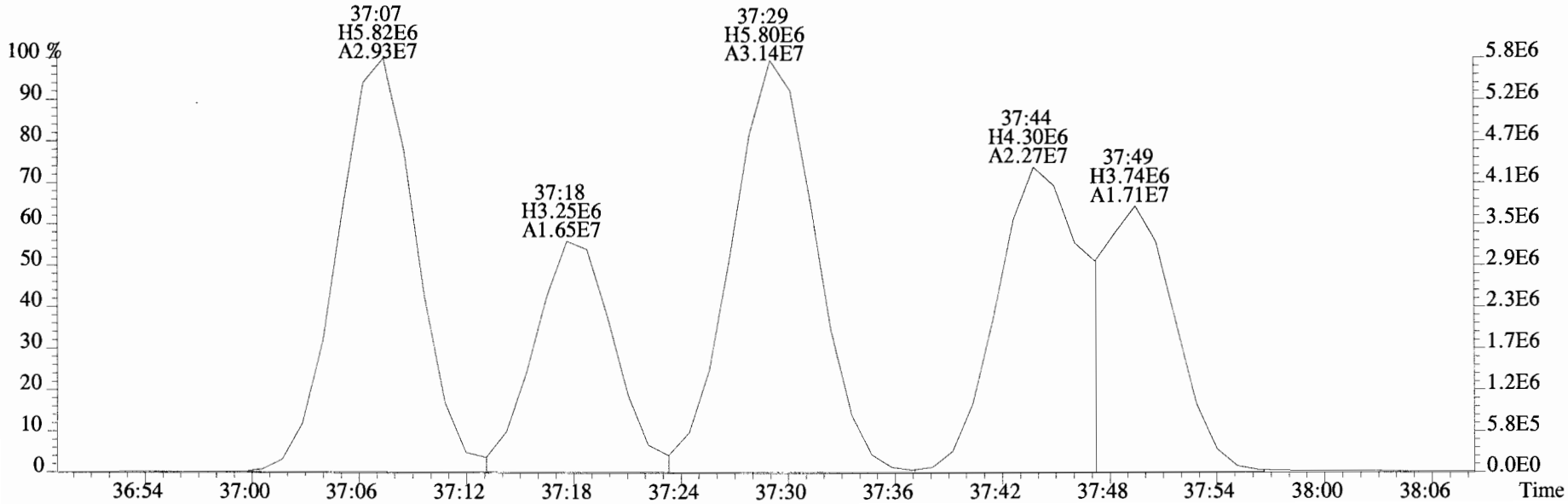
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1764.0,0.00%,F,F)



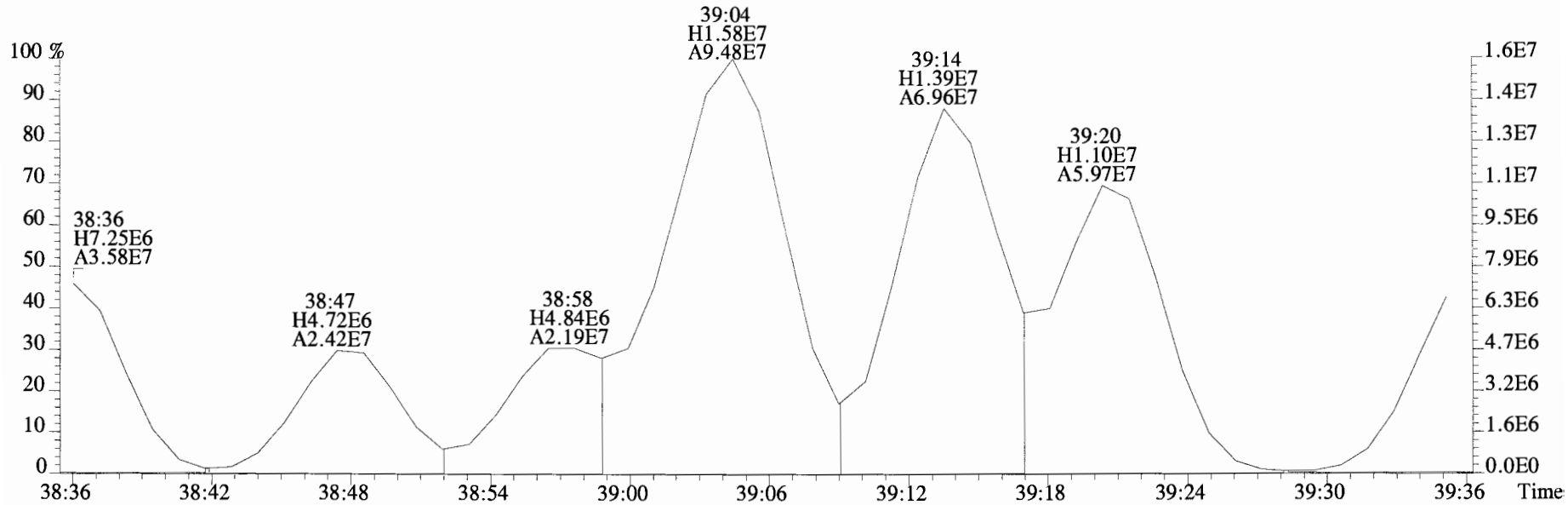
File:180314E1 #1-756 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1260.0,0.00%,F,F)



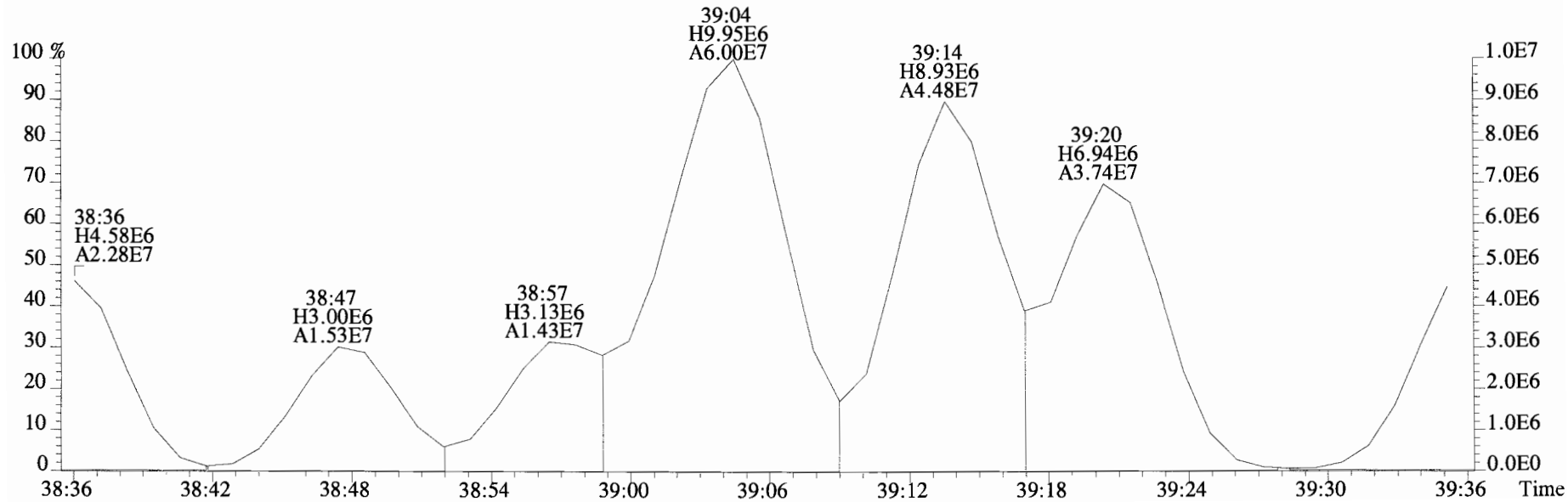
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1764.0,0.00%,F,F)



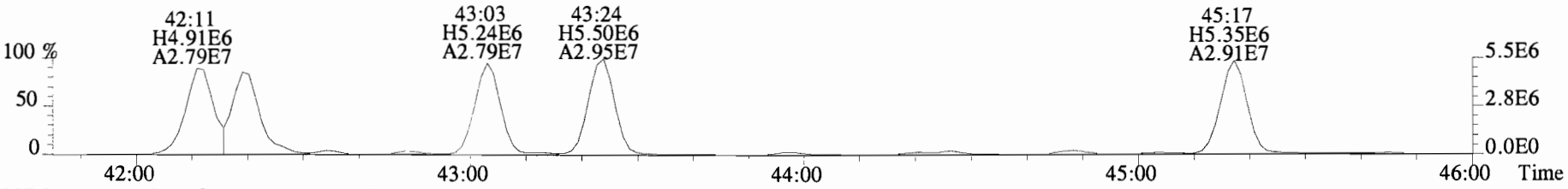
File:180314E1 #1-756 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1260.0,0.00%,F,F)



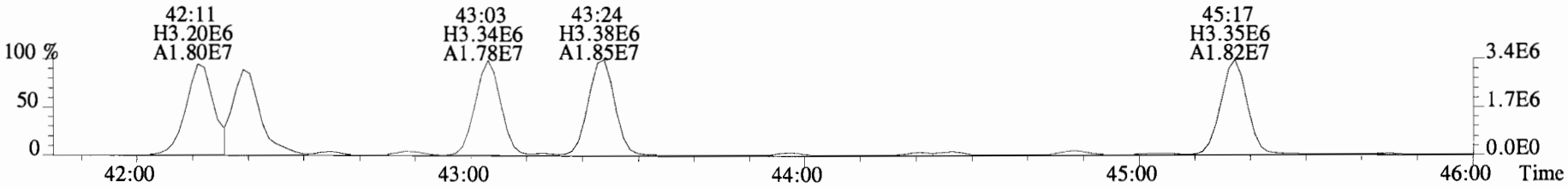
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1764.0,0.00%,F,F)



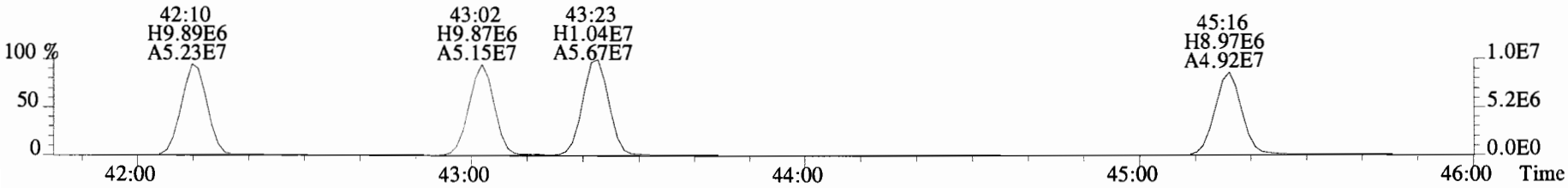
File:180314E1 #1-574 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1
325.8804 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11100.0,0.00%,F,F)



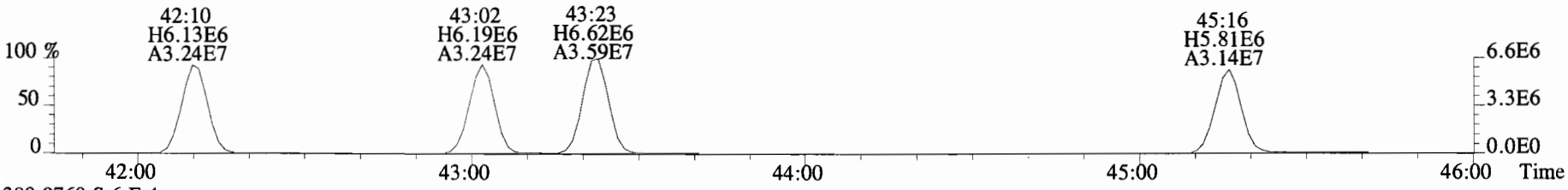
327.8775 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5172.0,0.00%,F,F)



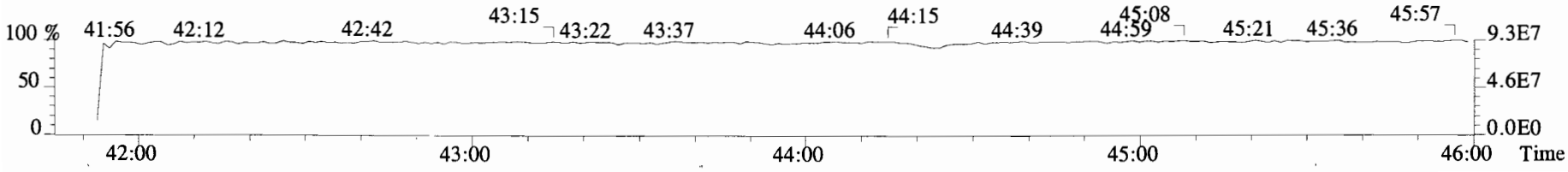
337.9207 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9188.0,0.00%,F,F)



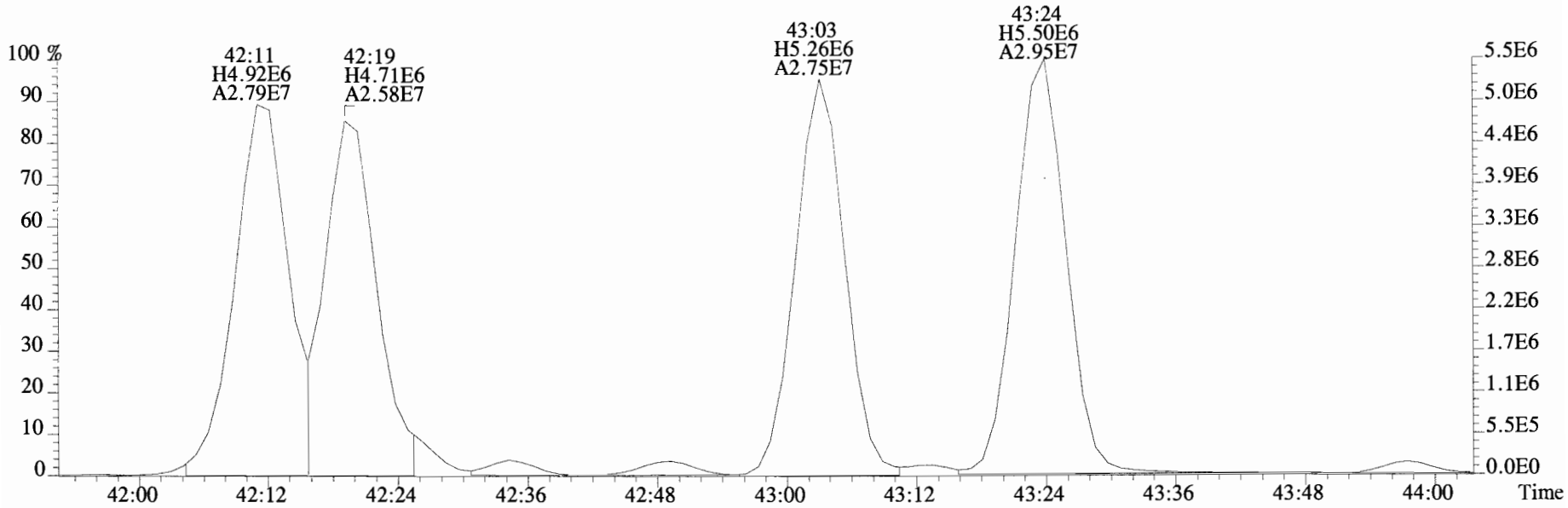
339.9177 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6392.0,0.00%,F,F)



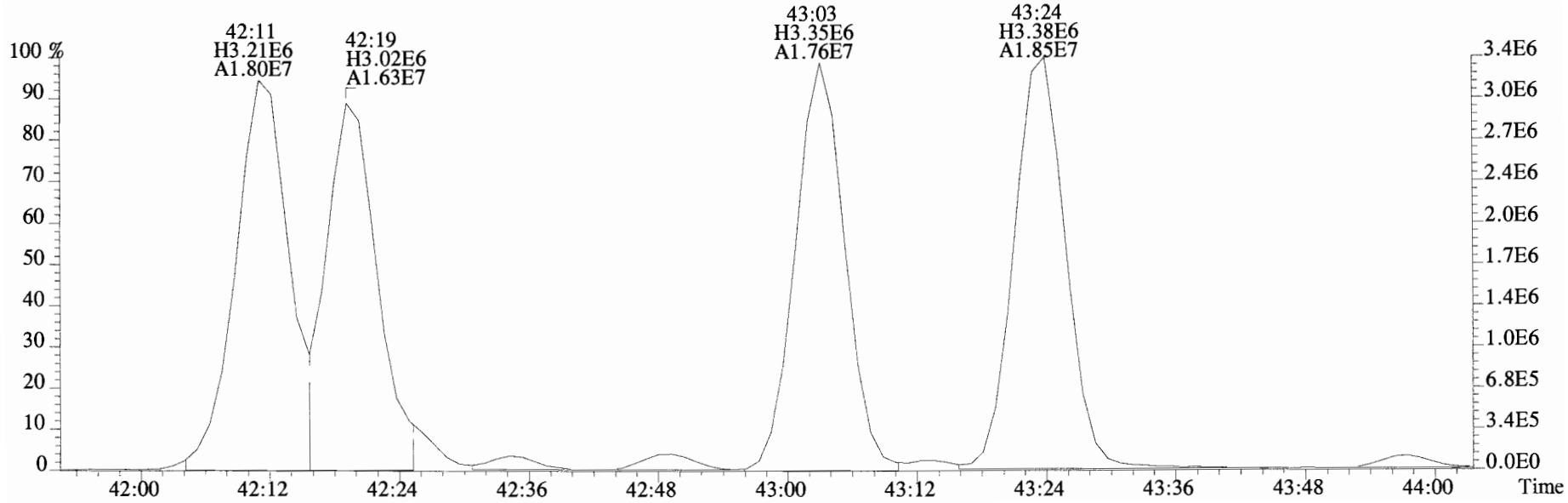
380.9760 S:6 F:4



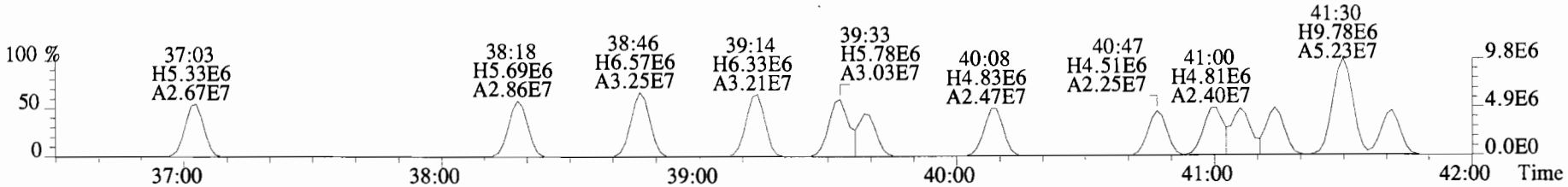
File:180314E1 #1-574 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1
325.8804 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11100.0,0.00%,F,F)



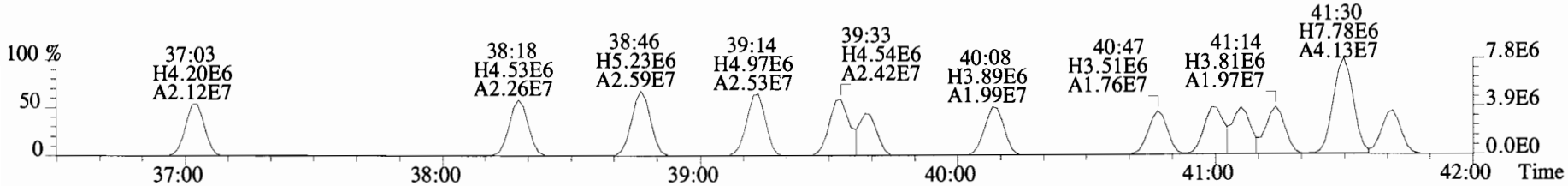
327.8775 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5172.0,0.00%,F,F)



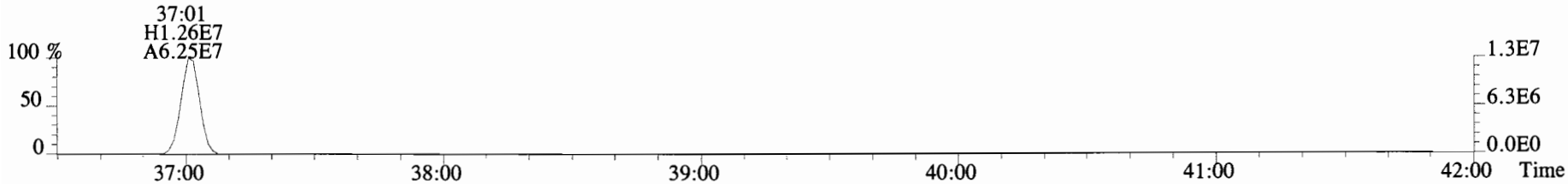
File:180314E1 #1-756 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1
359.8415 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1604.0,0.00%,F,F)



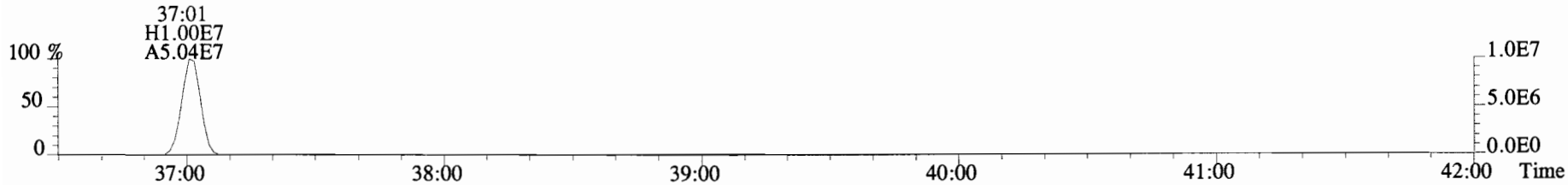
361.8385 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1672.0,0.00%,F,F)



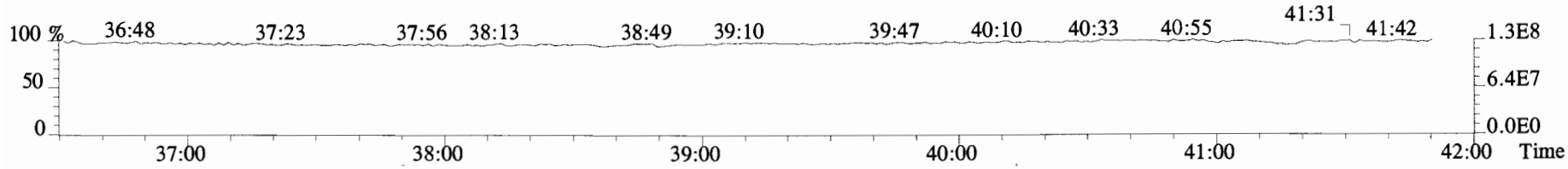
371.8817 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2392.0,0.00%,F,F)



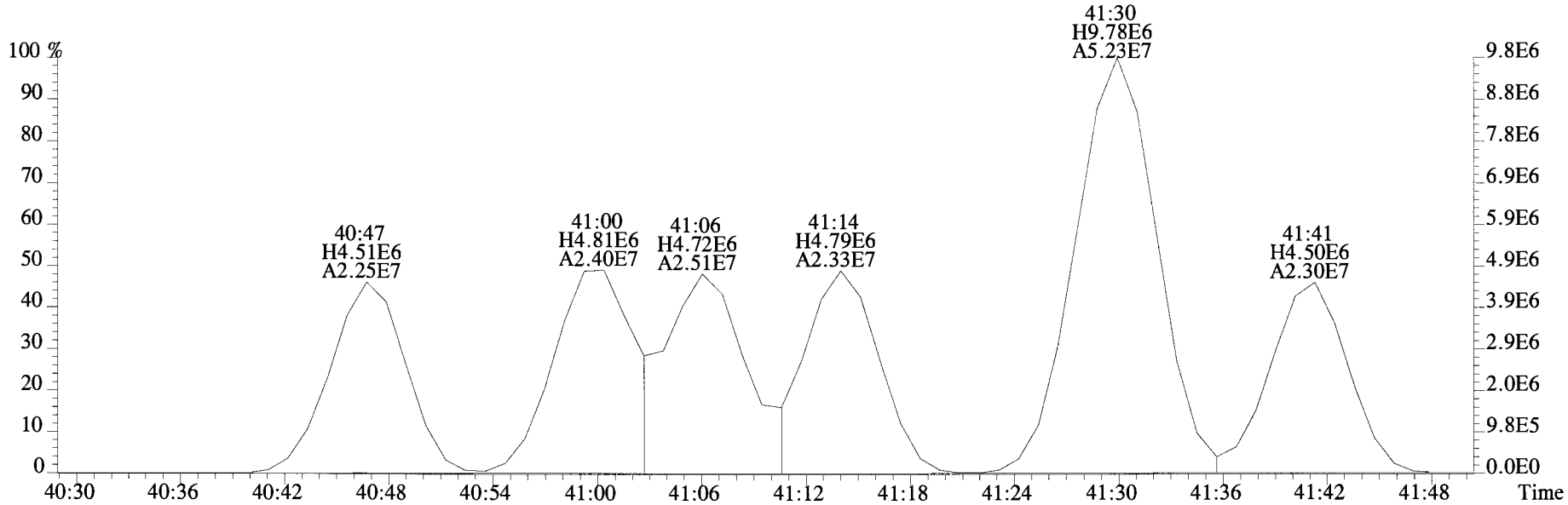
373.8788 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2344.0,0.00%,F,F)



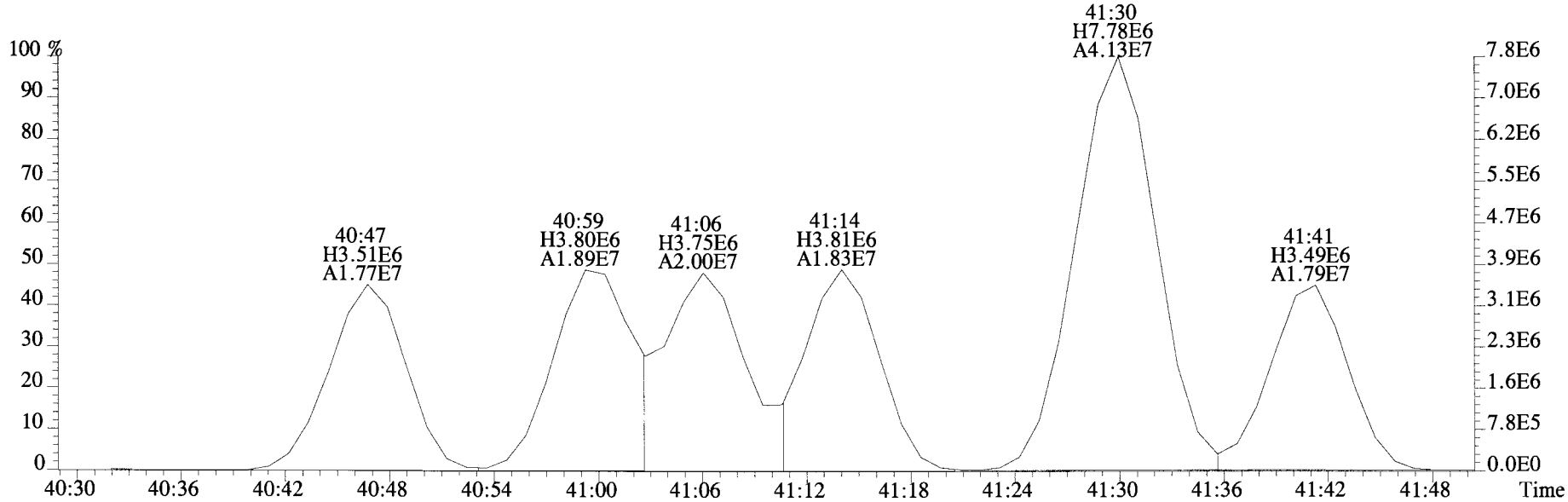
330.9792 S:6 F:3



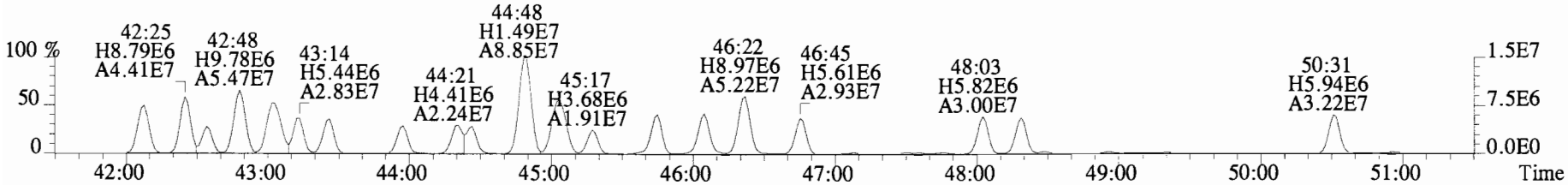
File:180314E1 #1-756 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1
359.8415 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1604.0,0.00%,F,F)



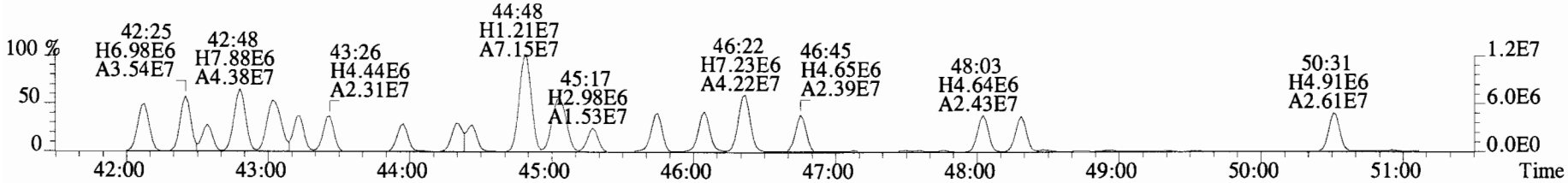
361.8385 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1680.0,0.00%,F,F)



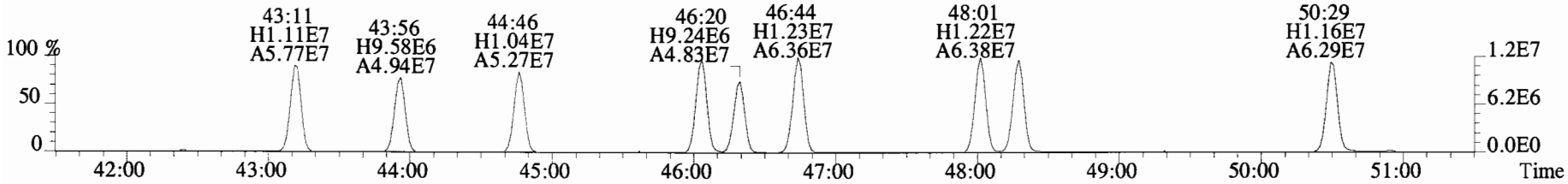
File:180314E1 #1-574 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1
359.8415 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,32200.0,0.00%,F,F)



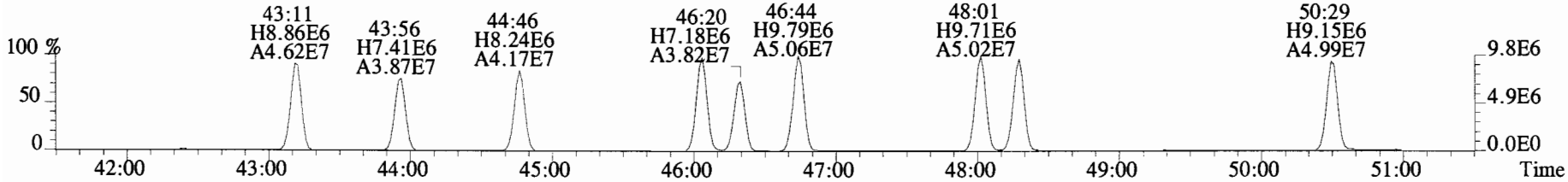
361.8385 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26040.0,0.00%,F,F)



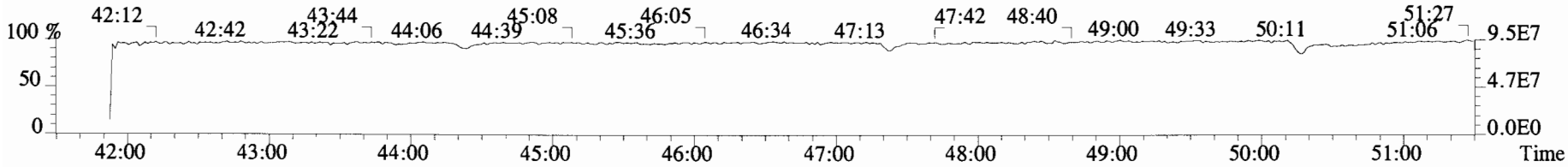
371.8817 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11180.0,0.00%,F,F)



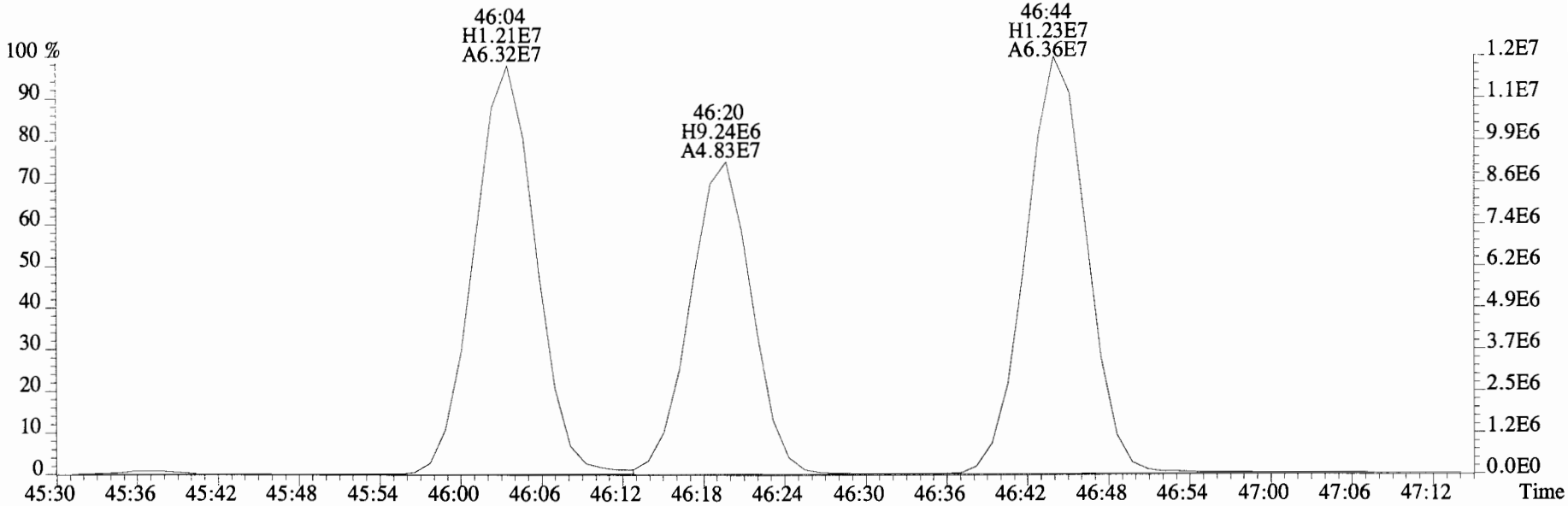
373.8788 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13532.0,0.00%,F,F)



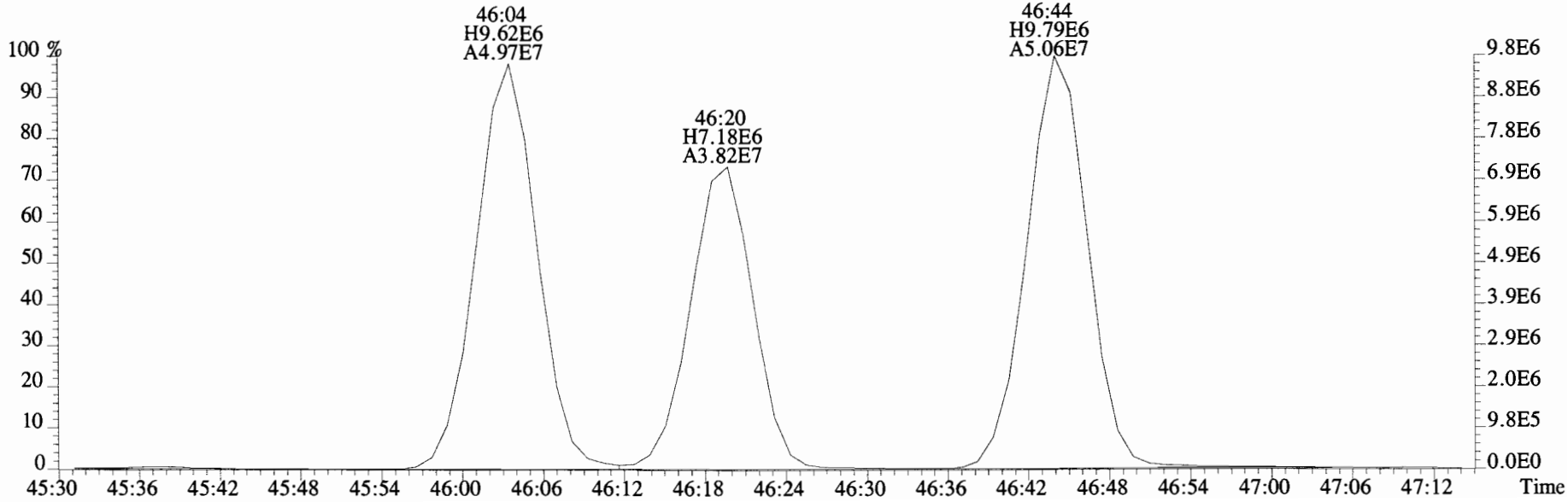
380.9760 S:6 F:4



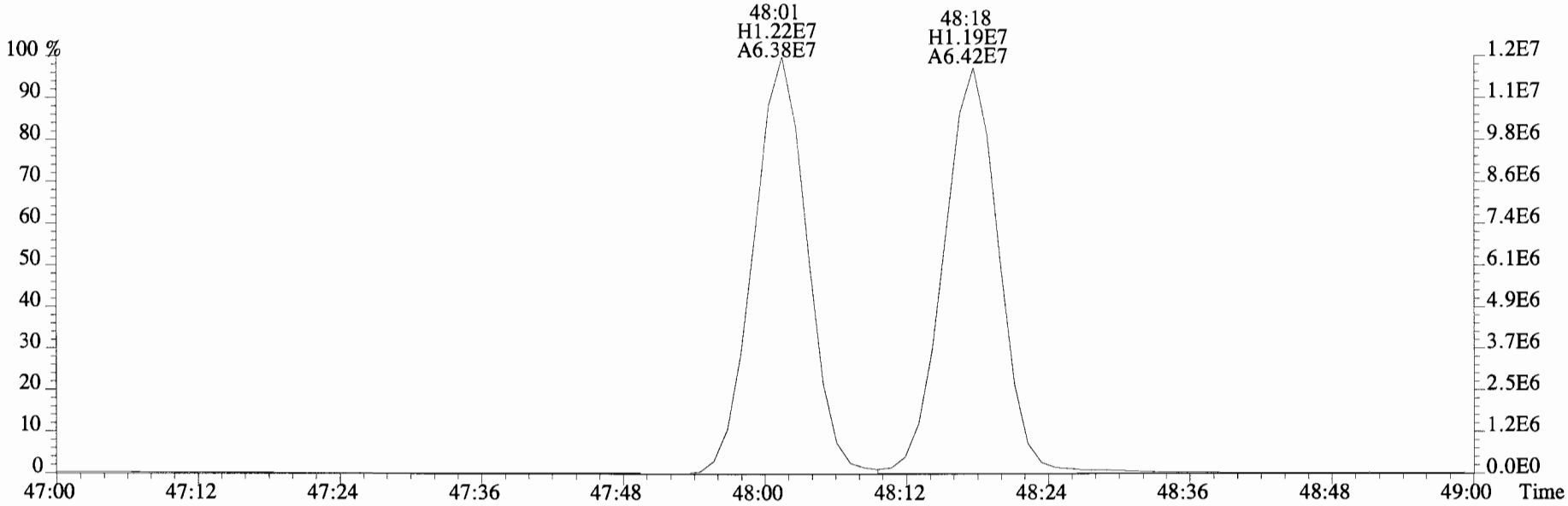
File:180314E1 #1-574 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1
371.8817 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11180.0,0.00%,F,F)



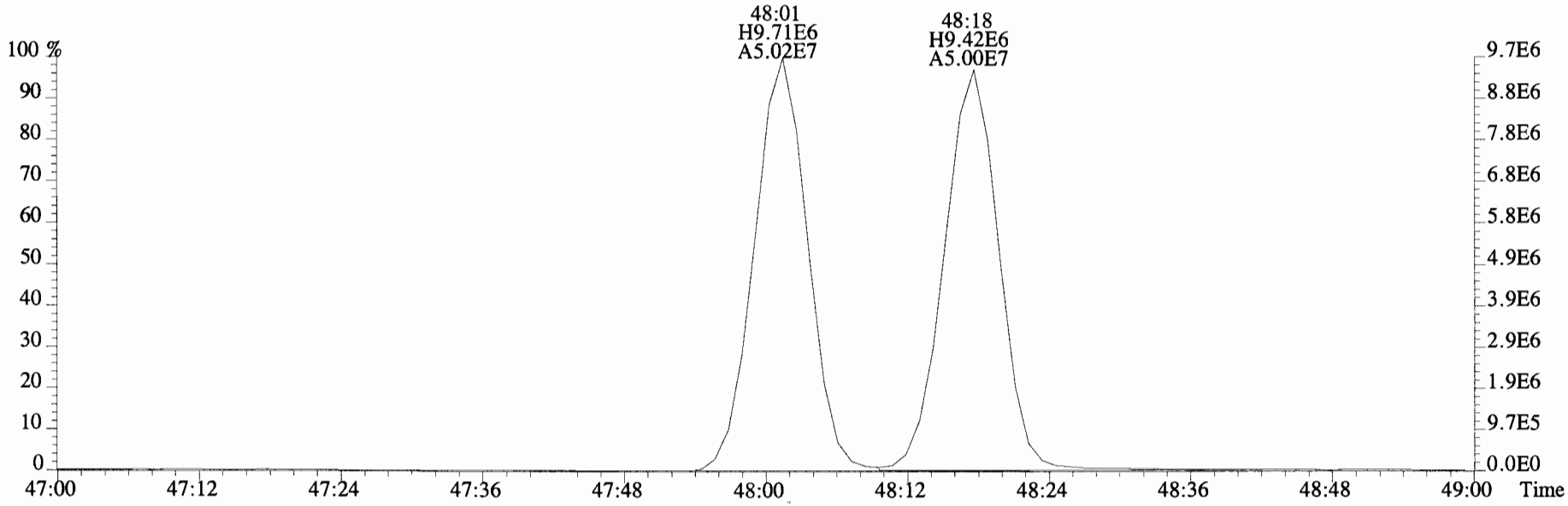
373.8788 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13532.0,0.00%,F,F)



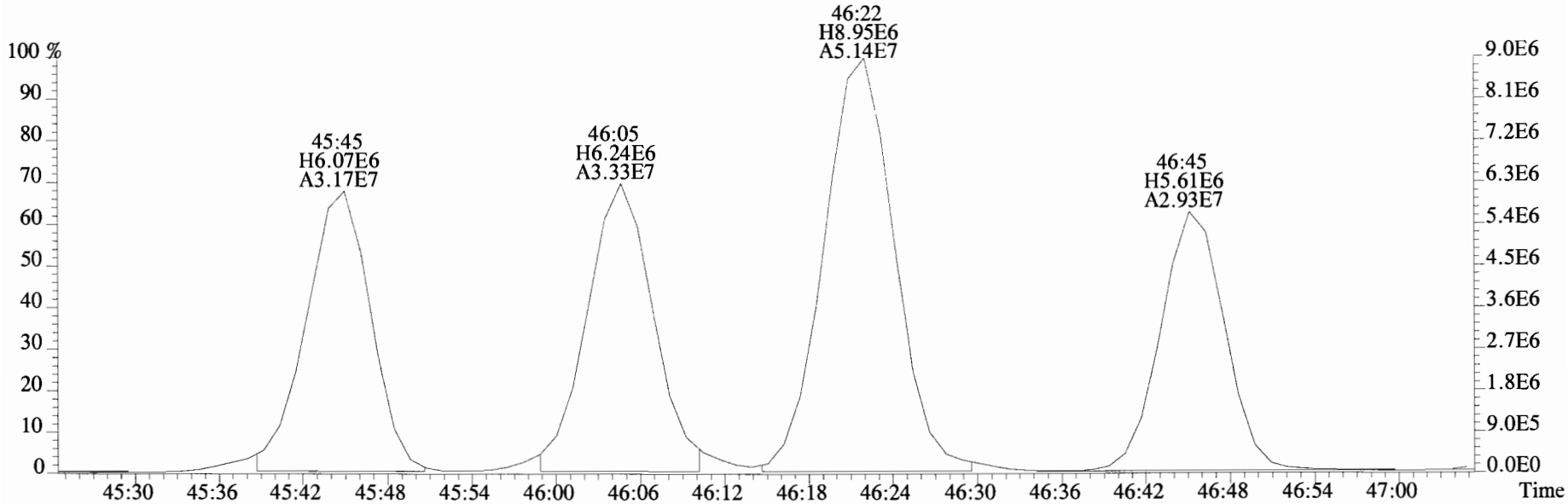
File:180314E1 #1-574 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1
371.8817 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11180.0,0.00%,F,F)



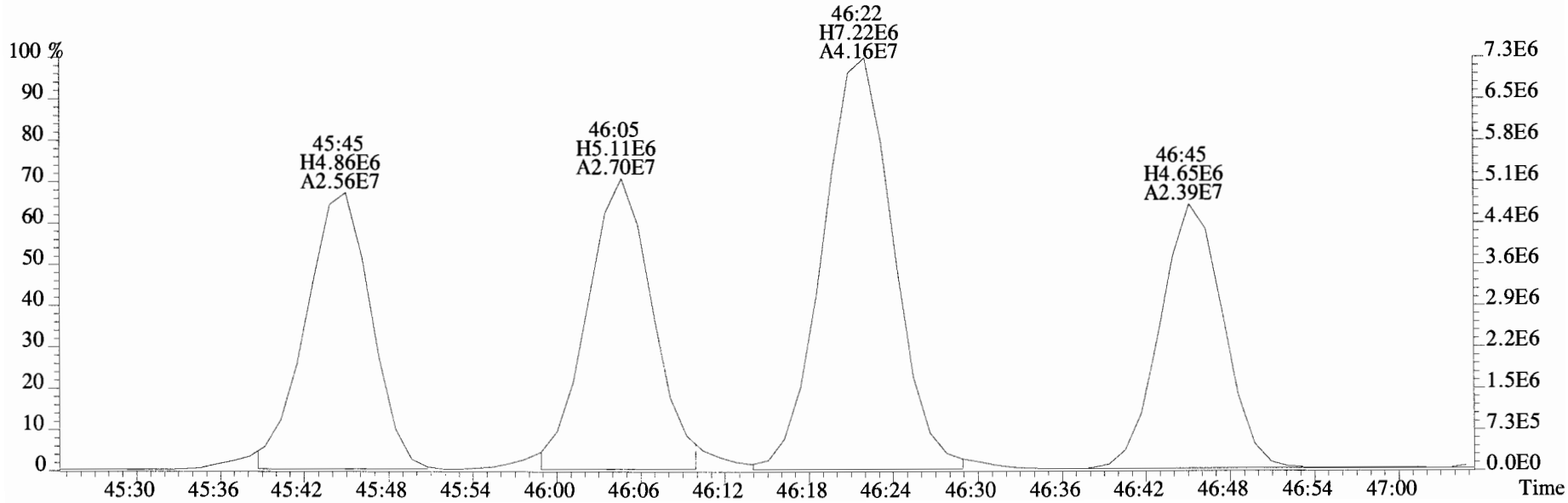
373.8788 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13532.0,0.00%,F,F)



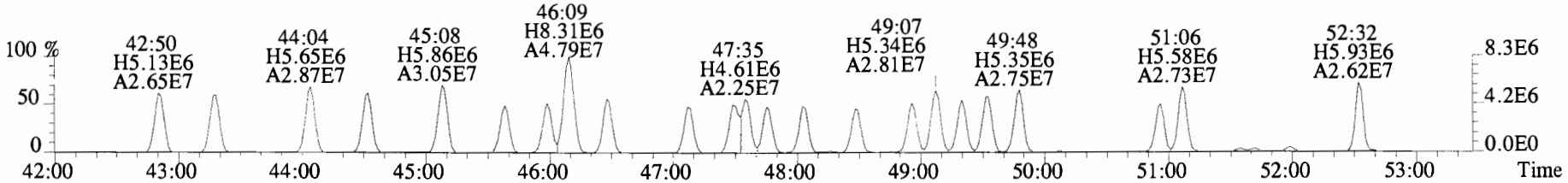
File:180314E1 #1-574 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1
359.8415 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,32200.0,0.00%,F,F)



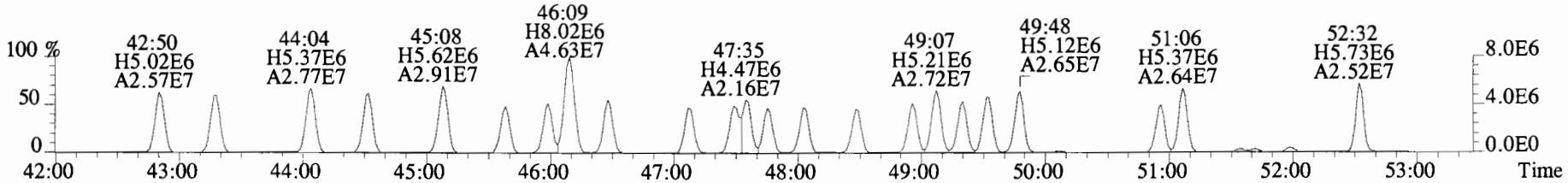
361.8385 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26040.0,0.00%,F,F)



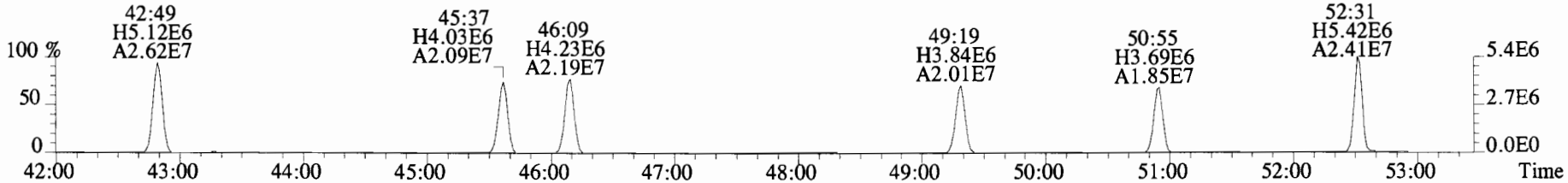
File:180314E1 #1-574 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1
393.8025 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8108.0,0.00%,F,F)



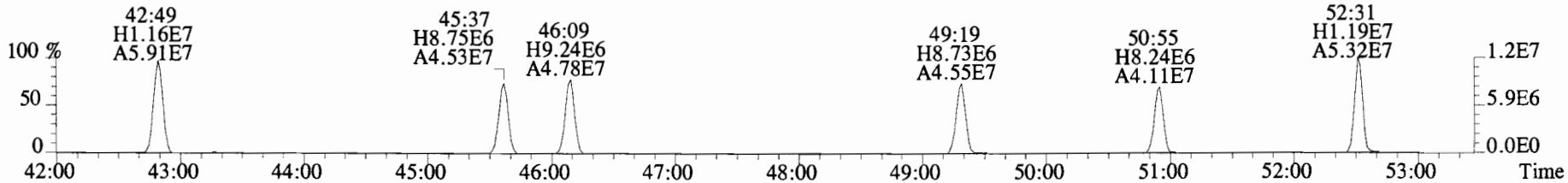
395.7995 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13104.0,0.00%,F,F)



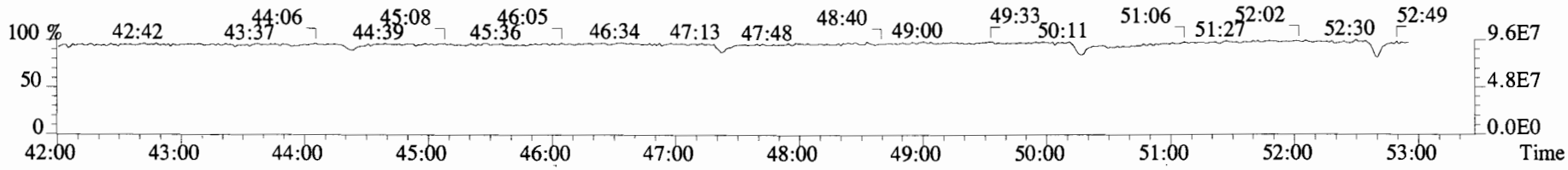
403.8457 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4052.0,0.00%,F,F)



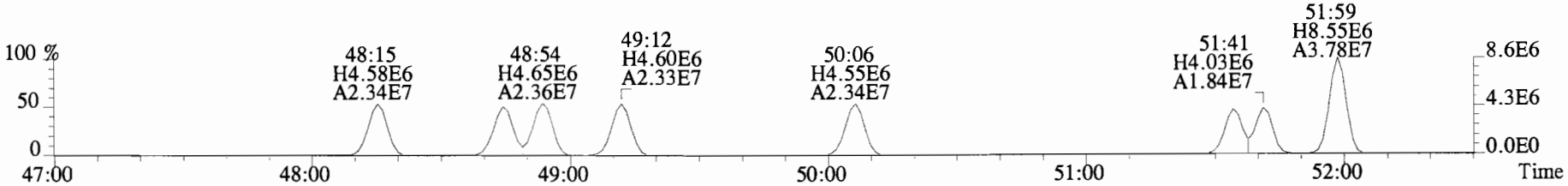
405.8428 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7920.0,0.00%,F,F)



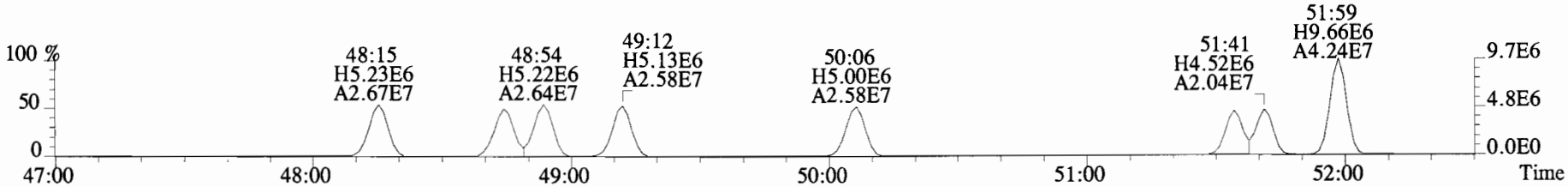
380.9760 S:6 F:4



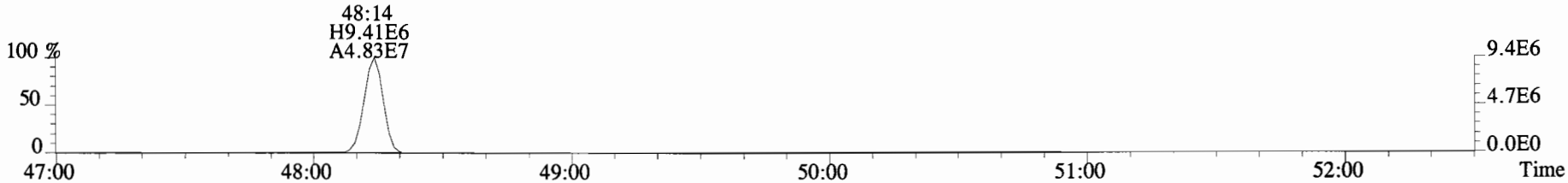
File:180314E1 #1-574 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1
427.7635 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1604.0,0.00%,F,F)



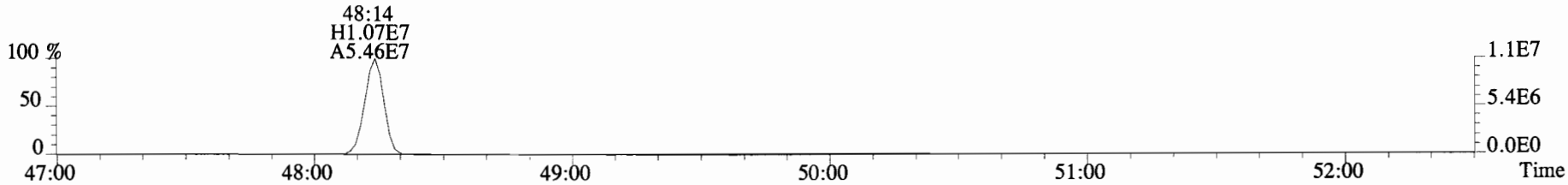
429.7606 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1720.0,0.00%,F,F)



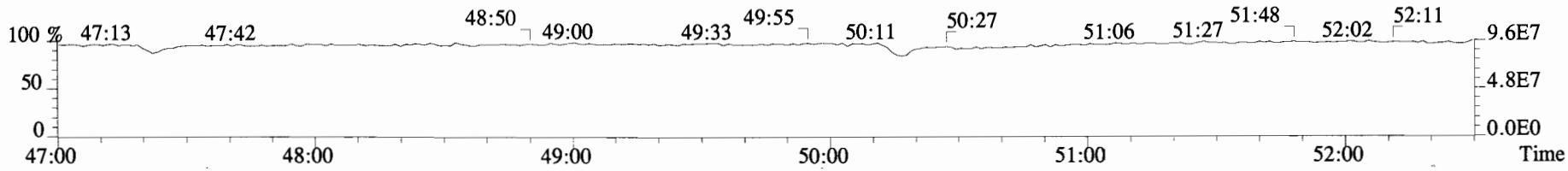
439.8038 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2360.0,0.00%,F,F)



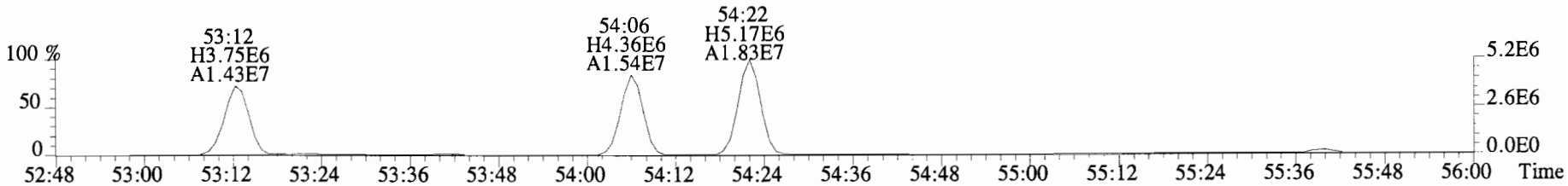
441.8008 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2952.0,0.00%,F,F)



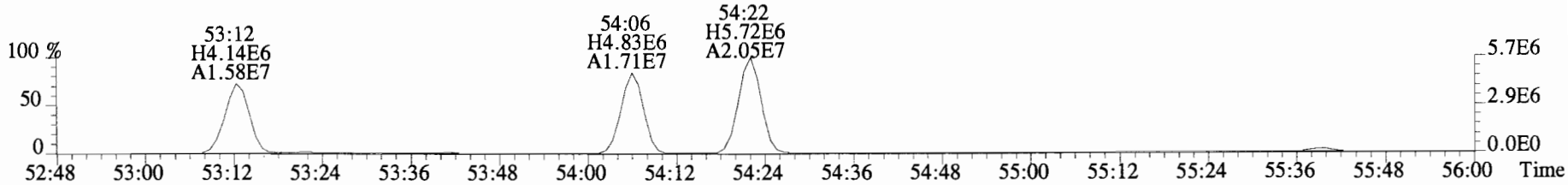
380.9760 S:6 F:4



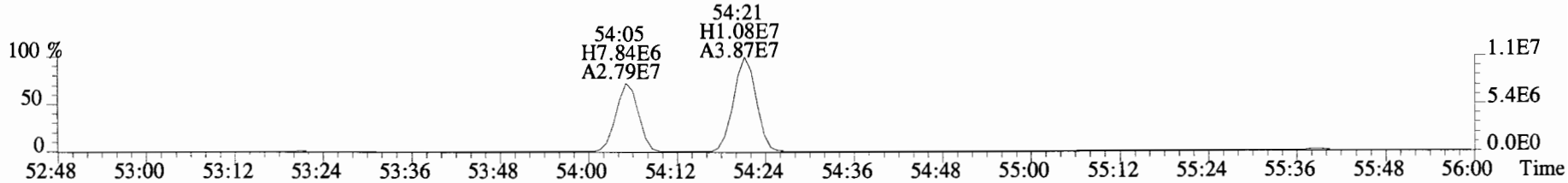
File:180314E1 #1-407 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1
427.7635 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2100.0,0.00%,F,F)



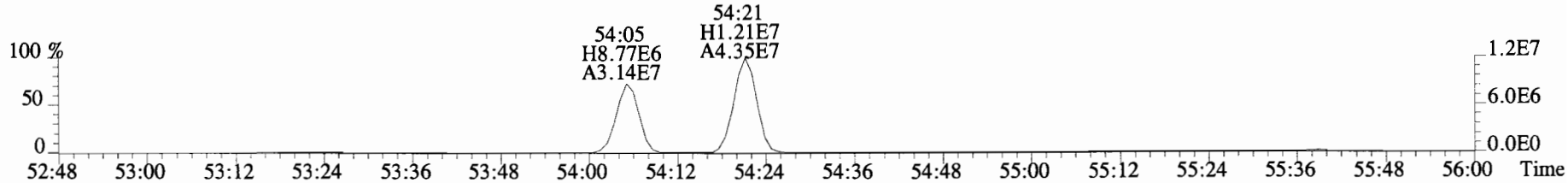
429.7606 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3144.0,0.00%,F,F)



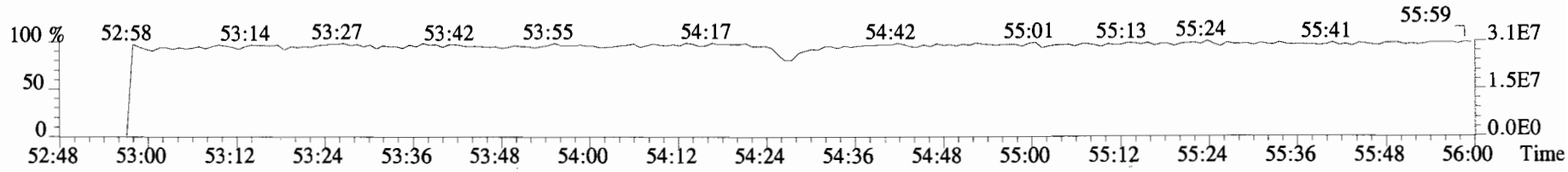
439.8038 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3548.0,0.00%,F,F)



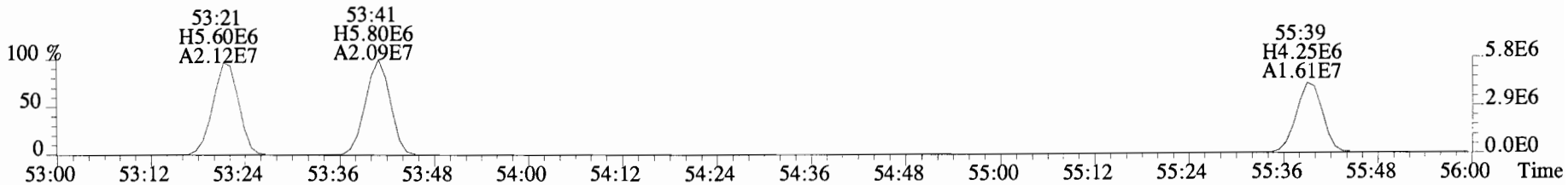
441.8008 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4776.0,0.00%,F,F)



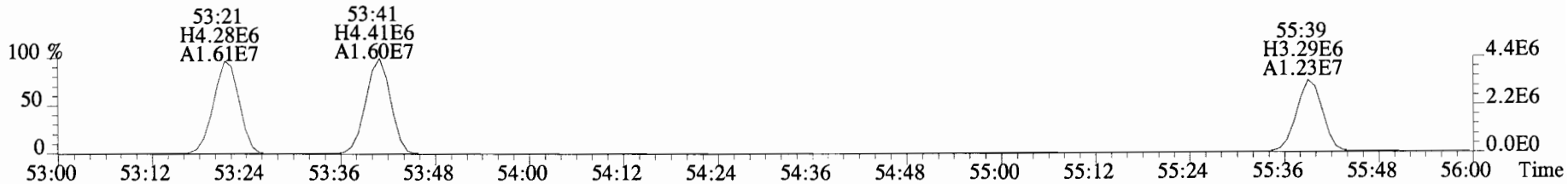
492.9697 S:6 F:5



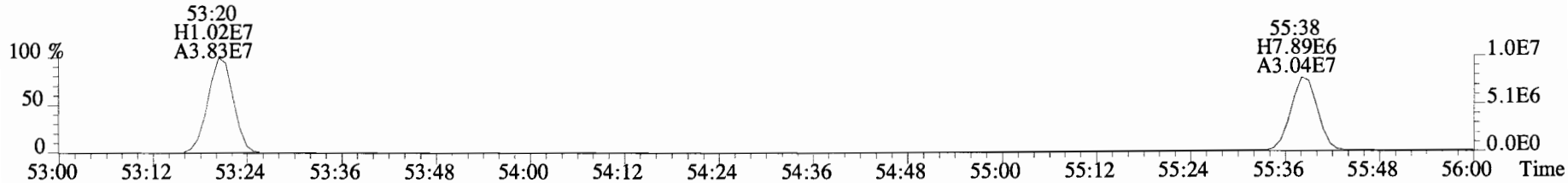
File:180314E1 #1-407 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1
463.7216 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10796.0,0.00%,F,F)



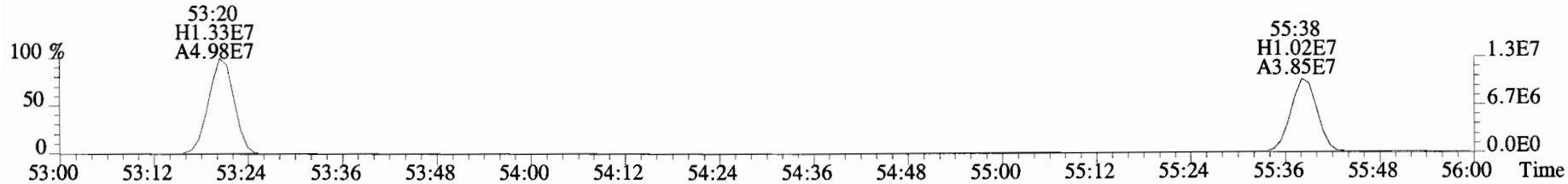
465.7186 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8092.0,0.00%,F,F)



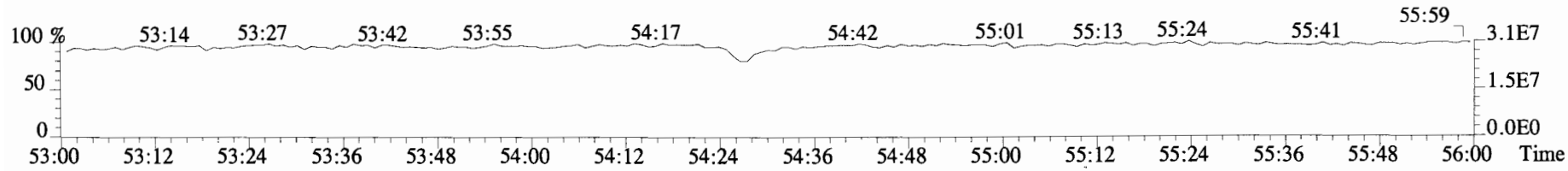
473.7648 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12444.0,0.00%,F,F)



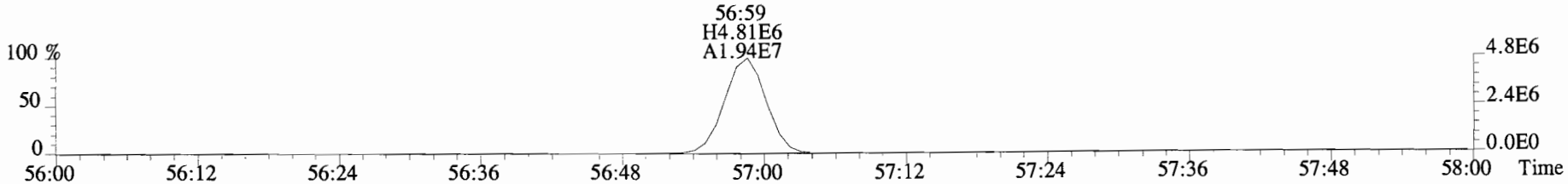
475.7619 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16360.0,0.00%,F,F)



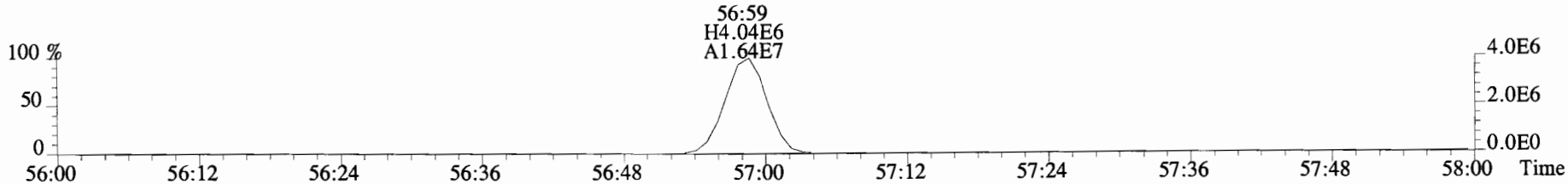
492.9697 S:6 F:5



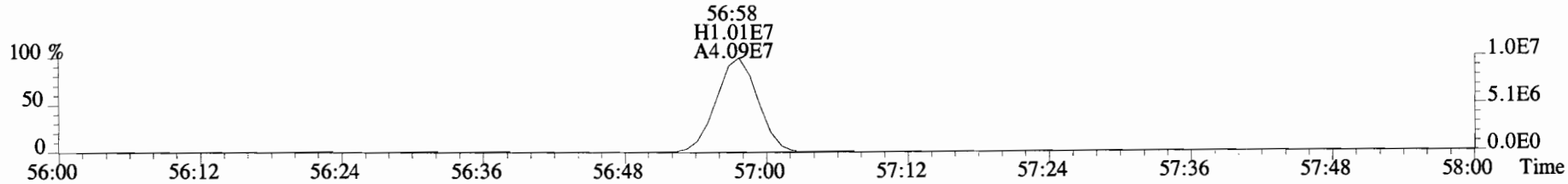
File:180314E1 #1-407 Acq:14-MAR-2018 17:09:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:B8C0074-BS1 OPR 1 Exp:PCB_ZB1
497.6826 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1468.0,0.00%,F,F)



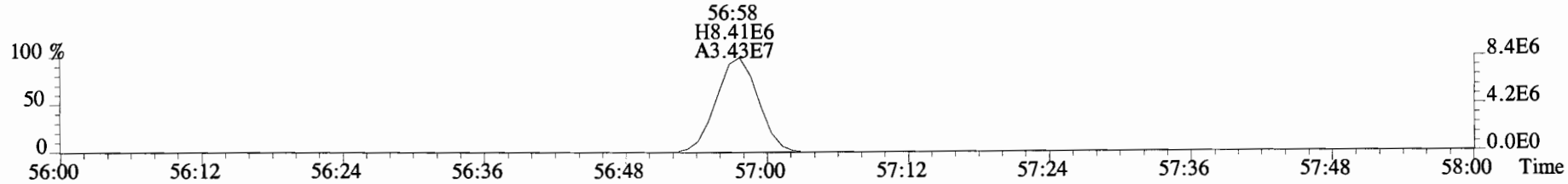
499.6797 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1576.0,0.00%,F,F)



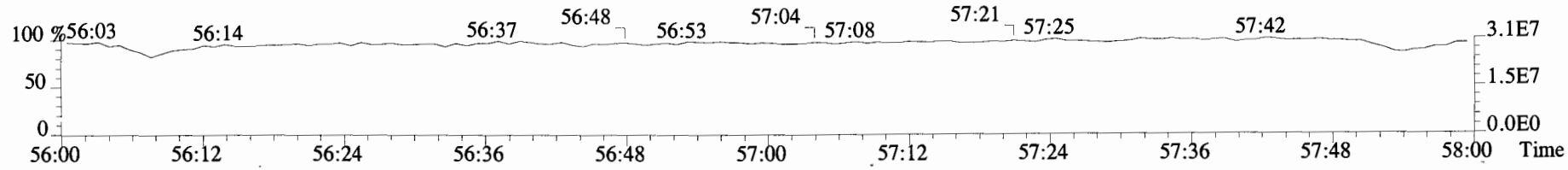
509.7229 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1680.0,0.00%,F,F)



511.7199 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1640.0,0.00%,F,F)



492.9697 S:6 F:5



Client ID: OWS-BAFA-T170815151905 Filename: 180315E1 S:5 Acq:15-MAR-18 13:49:43 ConCal: ST180315E1-1
Lab ID: 1701075-01 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.015 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL	UCL
Mono	PCB-1	*	*	n NotF¶	1.07	*		1900	2.5	1.17	*	0.996	1.006
Mono	PCB-2	*	*	n NotF¶	1.06	*		1900	2.5	1.13	*	0.983	0.993
Mono	PCB-3	*	*	n NotF¶	1.06	*		1900	2.5	1.13	*	0.996	1.006
Di	PCB-4/10	*	*	n NotF¶	1.24	*		35600	1.0	8.95	*	0.998	1.008
Di	PCB-7/9	*	*	n NotF¶	0.99	*		3900	2.5	1.93	*	0.863	0.871
Di	PCB-6	*	*	n NotF¶	1.06	*		6300	1.0	1.17	*	0.888	0.897
Di	PCB-5/8	*	*	n NotF¶	1.03	*		20000	1.0	3.82	*	0.904	0.913
Di	PCB-14	*	*	n NotF¶	1.03	*		3900	2.5	1.76	*	0.948	0.958
Di	PCB-11	4.35e+05	1.38	y 25:12	1.11	7.325		*	2.5	*	1.000	0.996	1.006
Di	PCB-12/13	*	*	n NotF¶	1.02	*		3900	2.5	1.78	*	1.011	1.021
Di	PCB-15	2.77e+05	1.55	y 25:55	1.05	4.906		*	2.5	*	1.029	1.023	1.033
Tri	PCB-19	3.65e+05	1.14	y 24:11	1.20	7.604		*	2.5	*	1.001	0.996	1.006
Tri	PCB-30	*	*	n NotF¶	1.93	*		3190	2.5	0.796	*	1.034	1.044
Tri	PCB-18	9.21e+05	1.19	y 25:50	0.91	16.20		*	2.5	*	0.954	0.948	0.958
Tri	PCB-17	3.53e+05	0.98	y 26:00	0.84	6.744		*	2.5	*	0.960	0.955	0.965
Tri	PCB-24/27	3.16e+05	0.94	y 26:34	1.15	4.418		*	2.5	*	0.981	0.977	0.986
Tri	PCB-16/32	9.61e+05	1.08	y 27:05	1.02	15.14		*	2.5	*	1.000	0.995	1.005
Tri	PCB-34	*	*	n NotF¶	0.96	*		2400	2.5	1.13	*	0.955	0.965
Tri	PCB-23	*	*	n NotF¶	0.95	*		2400	2.5	1.14	*	0.958	0.968
Tri	PCB-29	*	*	n NotF¶	0.96	*		2400	2.5	1.13	*	0.966	0.976
Tri	PCB-26	1.72e+05	0.96	y 28:27	1.00	3.471		*	2.5	*	0.979	0.974	0.984
Tri	PCB-25	4.49e+04	0.93	y 28:37	1.06	0.8604		*	2.5	*	0.985	0.980	0.990
Tri	PCB-31	4.55e+05	1.30	n 28:57	1.10	8.396	R	*	2.5	*	0.996	0.992	1.002
Tri	PCB-28	8.14e+05	1.12	y 29:04	1.14	14.49		*	2.5	*	1.000	0.995	1.005
Tri	PCB-20/21/33	1.16e+05	1.32	n 29:42	1.00	2.358	R	*	2.5	*	1.022	1.017	1.027
Tri	PCB-22	1.28e+05	1.03	y 30:08	1.09	2.379		*	2.5	*	1.037	1.032	1.042
Tri	PCB-36	*	*	n NotF¶	1.15	*		2400	2.5	0.989	*	0.929	0.939
Tri	PCB-39	*	*	n NotF¶	1.07	*		2400	2.5	1.06	*	0.943	0.953
Tri	PCB-38	*	*	n NotF¶	1.10	*		2400	2.5	1.03	*	0.966	0.976
Tri	PCB-35	*	*	n NotF¶	1.12	*		2400	2.5	1.01	*	0.982	0.992
Tri	PCB-37	3.31e+05	0.94	y 32:57	1.11	5.632		*	2.5	*	1.000	0.996	1.006
Tetra	PCB-54	*	*	n NotF¶	1.07	*		2340	2.5	0.818	*	0.996	1.006
Tetra	PCB-50	*	*	n NotF¶	0.87	*		2340	2.5	1.01	*	1.038	1.048
Tetra	PCB-53	3.22e+05	0.71	y 29:45	1.01	7.121		*	2.5	*	0.945	0.940	0.950
Tetra	PCB-51	7.84e+04	1.00	n 30:06	1.10	1.594	R	*	2.5	*	0.956	0.952	0.962
Tetra	PCB-45	2.30e+05	0.67	y 30:32	0.87	5.911		*	2.5	*	0.970	0.965	0.975
Tetra	PCB-46	9.77e+04	0.75	y 31:01	0.84	2.611		*	2.5	*	0.985	0.980	0.990

Integrations by:

Analyst: M

Date: 3/23/18

Reviewed by: [illegible] Date: 3/27/18

CT 3/29/18

Client ID: OWS-BAFA-T170815151905 Filename: 180315E1 S:5 Acq:15-MAR-18 13:49:43 ConCal: ST180315E1-1
Lab ID: 1701075-01 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.015 EndCAL: NA

Type	Name	Resp	RA		RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Tetra	PCB-52/69	1.23e+06	0.70	y	31:30	1.21	22.66		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-73	*	*	n	NotFn	1.45	*		2340	2.5	0.750	*	1.000-1.010
Tetra	PCB-43/49	6.90e+05	0.76	y	31:47	1.01	15.27		*	2.5	*	1.010	1.005-1.015
Tetra	PCB-47	4.06e+05	0.78	y	31:59	0.91	9.007		*	2.5	*	1.000	0.995-1.005
Tetra	PCB-48/75	2.02e+05	0.96	n	32:06	1.13	3.574	R	*	2.5	*	1.004	0.999-1.009
Tetra	PCB-65	*	*	n	NotFn	1.27	*		2340	2.5	0.800	*	1.007-1.017
Tetra	PCB-62	*	*	n	NotFn	1.10	*		2340	2.5	0.928	*	1.011-1.021
Tetra	PCB-44	9.53e+05	0.82	y	32:47	0.85	22.39		*	2.5	*	1.025	1.020-1.030
Tetra	PCB-42/59	4.03e+05	0.72	y	33:01	1.02	7.931		*	2.5	*	1.032	1.027-1.037
Tetra	PCB-41/64/71/72	1.30e+06	0.72	y	33:36	1.17	22.40		*	2.5	*	1.051	1.046-1.056
Tetra	PCB-68	4.38e+04	1.03	n	33:52	1.28	0.6879	R	*	2.5	*	1.059	1.054-1.064
Tetra	PCB-40	2.16e+05	0.72	y	34:04	0.62	6.935		*	2.5	*	1.065	1.060-1.070
Tetra	PCB-57	*	*	n	NotFn	1.13	*		2340	2.5	0.758	*	0.965-0.975
Tetra	PCB-67	*	*	n	NotFn	1.10	*		2340	2.5	0.776	*	0.973-0.983
Tetra	PCB-58	*	*	n	NotFn	1.12	*		2340	2.5	0.762	*	0.977-0.987
Tetra	PCB-63	*	*	n	NotFn	1.00	*		5100	1.0	0.747	*	0.981-0.991
Tetra	PCB-74	5.11e+05	0.79	y	35:18	1.18	7.022		*	2.5	*	0.995	0.989-0.999
Tetra	PCB-61/70	9.56e+05	0.75	y	35:31	1.03	15.14		*	2.5	*	1.001	0.994-1.004
Tetra	PCB-76/66	9.25e+05	0.79	y	35:43	1.13	13.27		*	2.5	*	1.006	1.000-1.010
Tetra	PCB-80	*	*	n	NotFn	1.19	*		2340	2.5	0.728	*	0.995-1.005
Tetra	PCB-55	*	*	n	NotFn	1.16	*		2340	2.5	0.749	*	1.004-1.014
Tetra	PCB-56/60	7.34e+05	0.82	y	36:45	1.04	11.58		*	2.5	*	1.023	1.018-1.028
Tetra	PCB-79	*	*	n	NotFn	1.17	*		2340	2.5	0.743	*	1.047-1.057
Tetra	PCB-78	*	*	n	NotFn	1.10	*		2340	2.5	0.796	*	0.982-0.992
Tetra	PCB-81	*	*	n	NotFn	0.97	*		2340	2.5	0.908	*	0.995-1.005
Tetra	PCB-77	1.18e+05	0.85	y	39:37	1.08	1.891		*	2.5	*	1.000	0.995-1.005
Penta	PCB-104	*	*	n	NotFn	1.08	*		1840	2.5	1.06	*	0.996-1.006
Penta	PCB-96	*	*	n	NotFn	1.13	*		1840	2.5	1.01	*	1.034-1.044
Penta	PCB-103	*	*	n	NotFn	0.91	*		1840	2.5	1.26	*	1.051-1.061
Penta	PCB-100	*	*	n	NotFn	0.93	*		1840	2.5	1.23	*	1.062-1.072
Penta	PCB-94	*	*	n	NotFn	0.91	*		1840	2.5	1.49	*	0.981-0.991
Penta	PCB-95/98/102	4.87e+05	1.72	y	35:49	1.17	9.898		*	2.5	*	1.001	0.994-1.004
Penta	PCB-93	*	*	n	NotFn	0.93	*		1840	2.5	1.47	*	0.997-1.007
Penta	PCB-88/91	9.19e+04	1.04	n	36:13	0.97	2.248	R	*	2.5	*	1.012	1.005-1.015
Penta	PCB-121	*	*	n	NotFn	1.68	*		1840	2.5	0.812	*	1.009-1.019
Penta	PCB-84/92	2.81e+05	1.70	y	37:07	0.97	6.630		*	2.5	*	0.990	0.985-0.995
Penta	PCB-89	*	*	n	NotFn	1.06	*		1840	2.5	1.26	*	0.990-1.000

Analyst: MJ

Date: 3/23/18

Client ID: OWS-BAFA-T170815151905 Filename: 180315E1 S:5 Acq:15-MAR-18 13:49:43 ConCal: ST180315E1-1
Lab ID: 1701075-01 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.015 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Penta	PCB-90/101	4.81e+05	1.86	n 37:30	1.08	10.26	R	*	2.5	*	1.001	0.995-1.005
Penta	PCB-113	*	*	n NotF¶	1.48	*		1840	2.5	0.908	*	1.002-1.012
Penta	PCB-99	2.16e+05	1.51	y 37:49	1.25	3.959		*	2.5	*	1.009	1.004-1.014
Penta	PCB-119	*	*	n NotF¶	1.70	*		1840	2.5	0.937	*	0.982-0.992
Penta	PCB-108/112	*	*	n NotF¶	1.40	*		1840	2.5	1.13	*	0.986-0.996
Penta	PCB-83	*	*	n NotF¶	1.75	*		1840	2.5	0.908	*	0.990-1.000
Penta	PCB-97	2.00e+05	1.43	y 38:47	1.17	4.470		*	2.5	*	1.000	0.995-1.005
Penta	PCB-86	*	*	n NotF¶	1.08	*		1840	2.5	1.47	*	0.999-1.009
Penta	PCB-87/117/125	2.46e+05	1.63	y 39:04	1.55	4.171		*	2.5	*	1.007	1.002-1.012
Penta	PCB-111/115	*	*	n NotF¶	1.79	*		1840	2.5	0.888	*	1.006-1.016
Penta	PCB-85/116	9.99e+04	1.69	y 39:20	1.29	2.033		*	2.5	*	1.014	1.009-1.019
Penta	PCB-120	*	*	n NotF¶	1.98	*		1840	2.5	0.803	*	1.016-1.026
Penta	PCB-110	7.58e+05	1.77	y 39:44	1.69	11.82		*	2.5	*	1.025	1.020-1.030
Penta	PCB-82	8.11e+04	1.40	y 40:20	0.81	1.911		*	2.5	*	0.976	0.972-0.982
Penta	PCB-124	*	*	n NotF¶	1.30	*		1840	2.5	0.903	*	0.988-0.998
Penta	PCB-107/109	*	*	n NotF¶	1.31	*		3600	1.0	0.697	*	0.991-1.001
Penta	PCB-123	*	*	n NotF¶	1.12	*		1840	2.5	1.05	*	0.996-1.006
Penta	PCB-106/118	4.72e+05	1.60	y 41:32	1.18	7.258		*	2.5	*	1.000	0.996-1.006
Penta	PCB-114	*	*	n NotF¶	1.11	*		1490	2.5	1.12	*	0.995-1.005
Penta	PCB-122	*	*	n NotF¶	1.03	*		1490	2.5	1.21	*	0.999-1.009
Penta	PCB-105	1.75e+05	1.91	n 43:03	1.12	3.852	R	*	2.5	*	1.000	0.995-1.005
Penta	PCB-127	*	*	n NotF¶	1.12	*		1490	2.5	1.04	*	0.995-1.005
Penta	PCB-126	*	*	n NotF¶	1.20	*		1490	2.5	1.14	*	0.995-1.005
Hexa	PCB-155	*	*	n NotF¶	0.99	*		1730	2.5	0.861	*	0.995-1.005
Hexa	PCB-150	*	*	n NotF¶	1.02	*		1730	2.5	0.829	*	1.030-1.040
Hexa	PCB-152	*	*	n NotF¶	1.16	*		1730	2.5	0.734	*	1.042-1.052
Hexa	PCB-145	*	*	n NotF¶	1.13	*		1730	2.5	0.753	*	1.054-1.064
Hexa	PCB-136	7.36e+04	0.92	n 39:32	1.02	1.281	R	*	2.5	*	1.068	1.063-1.073
Hexa	PCB-148	*	*	n NotF¶	0.77	*		1730	2.5	1.10	*	1.066-1.076
Hexa	PCB-154	*	*	n NotF¶	0.88	*		1730	2.5	0.970	*	1.079-1.089
Hexa	PCB-151	6.61e+04	1.17	y 40:47	0.75	1.565		*	2.5	*	1.102	1.095-1.107
Hexa	PCB-135	*	*	n NotF¶	0.86	*		4000	1.0	0.913	*	1.101-1.113
Hexa	PCB-144	*	*	n NotF¶	0.77	*		4000	1.0	1.02	*	1.105-1.116
Hexa	PCB-147	*	*	n NotF¶	0.80	*		1730	2.5	1.06	*	1.108-1.120
Hexa	PCB-139/149	2.53e+05	1.34	y 41:29	0.88	5.131		*	2.5	*	1.121	1.115-1.127
Hexa	PCB-140	*	*	n NotF¶	0.77	*		1730	2.5	1.10	*	1.120-1.132
Hexa	PCB-134/143	*	*	n NotF¶	0.76	*		1850	2.5	1.38	*	0.970-0.980

Analyst: MJ

Date: 3/23/18

Client ID: OWS-BAFA-T170815151905 Filename: 180315E1 S:5 Acq:15-MAR-18 13:49:43 ConCal: ST180315E1-1
Lab ID: 1701075-01 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.015 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hexa	PCB-131/133	*	*	n NotF╗	0.82	*		1850	2.5	1.29	*	0.977-0.987
Hexa	PCB-142	*	*	n NotF╗	0.73	*		1850	2.5	1.43	*	0.981-0.991
Hexa	PCB-146/165	6.81e+04	1.35	y 42:49	1.02	1.312		*	2.5	*	0.991	0.986-0.996
Hexa	PCB-132/161	1.15e+05	1.09	y 43:04	1.00	2.261		*	2.5	*	0.997	0.992-1.002
Hexa	PCB-153	3.28e+05	1.41	y 43:12	1.08	5.980		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-168	*	*	n NotF╗	1.12	*		1850	2.5	0.940	*	1.000-1.010
Hexa	PCB-141	6.10e+04	1.19	y 43:56	1.02	1.422		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-137	*	*	n NotF╗	1.10	*		1850	2.5	1.16	*	1.004-1.014
Hexa	PCB-130	*	*	n NotF╗	0.81	*		1850	2.5	1.59	*	1.007-1.017
Hexa	PCB-138/163/164	3.90e+05	1.15	y 44:48	1.23	6.953		*	2.5	*	1.001	0.996-1.006
Hexa	PCB-158/160	*	*	n NotF╗	1.18	*		3000	1.0	0.636	*	1.001-1.011
Hexa	PCB-129	*	*	n NotF╗	0.78	*		1850	2.5	1.48	*	1.007-1.017
Hexa	PCB-166	*	*	n NotF╗	1.13	*		1850	2.5	0.874	*	0.988-0.998
Hexa	PCB-159	*	*	n NotF╗	1.16	*		1850	2.5	0.851	*	0.995-1.005
Hexa	PCB-128/162	6.28e+04	1.15	y 46:20	0.89	1.310		*	2.5	*	1.006	1.002-1.012
Hexa	PCB-167	*	*	n NotF╗	1.02	*		2600	2.5	1.39	*	0.995-1.005
Hexa	PCB-156	5.10e+04	1.18	y 48:02	1.06	0.9129		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-157	*	*	n NotF╗	1.02	*		1850	2.5	1.04	*	0.996-1.006
Hexa	PCB-169	*	*	n NotF╗	1.13	*		1850	2.5	1.01	*	0.995-1.005
Hepta	PCB-188	*	*	n NotF╗	1.37	*		1660	2.5	0.527	*	0.995-1.005
Hepta	PCB-184	*	*	n NotF╗	1.32	*		1660	2.5	0.549	*	1.006-1.016
Hepta	PCB-179	*	*	n NotF╗	1.38	*		5400	1.0	0.680	*	1.024-1.034
Hepta	PCB-176	*	*	n NotF╗	1.31	*		1660	2.5	0.553	*	1.035-1.045
Hepta	PCB-186	*	*	n NotF╗	1.42	*		1660	2.5	0.509	*	1.049-1.059
Hepta	PCB-178	*	*	n NotF╗	0.97	*		1660	2.5	0.746	*	1.060-1.070
Hepta	PCB-175	*	*	n NotF╗	1.00	*		1660	2.5	0.725	*	1.069-1.079
Hepta	PCB-182/187	9.16e+04	1.19	y 46:08	1.14	1.887		*	2.5	*	1.077	1.072-1.082
Hepta	PCB-183	*	*	n NotF╗	1.13	*		4900	1.0	0.757	*	1.080-1.090
Hepta	PCB-185	*	*	n NotF╗	1.36	*		1660	2.5	0.746	*	0.950-0.960
Hepta	PCB-174	5.42e+04	1.18	y 47:29	1.42	1.257		*	2.5	*	0.963	0.958-0.968
Hepta	PCB-181	*	*	n NotF╗	1.48	*		1660	2.5	0.685	*	0.960-0.970
Hepta	PCB-177	*	*	n NotF╗	1.33	*		1660	2.5	0.762	*	0.963-0.973
Hepta	PCB-171	*	*	n NotF╗	1.37	*		1660	2.5	0.738	*	0.969-0.979
Hepta	PCB-173	*	*	n NotF╗	1.27	*		1660	2.5	0.797	*	0.978-0.988
Hepta	PCB-172	*	*	n NotF╗	1.39	*		1660	2.5	0.729	*	0.987-0.997
Hepta	PCB-192	*	*	n NotF╗	1.80	*		1660	2.5	0.561	*	0.991-1.001
Hepta	PCB-180	9.20e+04	1.20	y 49:19	1.52	1.992		*	2.5	*	1.000	0.995-1.005

Analyst: PN

Date: 3/23/18

Client ID: OWS-BAFA-T170815151905 Filename: 180315E1 S:5 Acq:15-MAR-18 13:49:43 ConCal: ST180315E1-1
Lab ID: 1701075-01 GC Column 1D: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.015 EndCAL. NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hepta	PCB-193	*	*	n NotF¬	1.71	*		1660	2.5	0.591	*	0.999-1.009
Hepta	PCB-191	*	*	n NotF¬	1.74	*		1660	2.5	0.581	*	1.005-1.015
Hepta	PCB-170	*	*	n NotF¬	1.44	*		4200	1.0	0.774	*	0.995-1.005
Hepta	PCB-190	*	*	n NotF¬	1.95	*		1660	2.5	0.562	*	0.999-1.009
Hepta	PCB-189	*	*	n NotF¬	1.46	*		1660	2.5	0.556	*	0.995-1.005
Octa	PCB-202	*	*	n NotF¬	1.06	*		1570	2.5	0.714	*	0.995-1.005
Octa	PCB-201	*	*	n NotF¬	0.98	*		1570	2.5	0.774	*	1.006-1.016
Octa	PCB-204	*	*	n NotF¬	1.07	*		1570	2.5	0.707	*	1.009-1.019
Octa	PCB-197	*	*	n NotF¬	1.10	*		1570	2.5	0.689	*	1.015-1.025
Octa	PCB-200	*	*	n NotF¬	1.04	*		1570	2.5	0.726	*	1.034-1.044
Octa	PCB-198	*	*	n NotF¬	0.84	*		1570	2.5	0.901	*	1.065-1.075
Octa	PCB-199	*	*	n NotF¬	0.80	*		1570	2.5	0.947	*	1.067-1.077
Octa	PCB-196/203	*	*	n NotF¬	0.84	*		2900	2.5	1.66	*	1.072-1.082
Octa	PCB-195	*	*	n NotF¬	1.04	*		1580	2.5	0.949	*	0.979-0.989
Octa	PCB-194	4.09e+04	0.91	y 54:06	1.16	1.259		*	2.5	*	1.000	0.995-1.005
Octa	PCB-205	*	*	n NotF¬	1.33	*		1580	2.5	0.739	*	1.000-1.010
Nona	PCB-208	*	*	n NotF¬	0.90	*		1920	2.5	0.876	*	0.995-1.005
Nona	PCB-207	*	*	n NotF¬	0.89	*		1610	2.5	0.742	*	1.001-1.011
Nona	PCB-206	*	*	n NotF¬	0.88	*		1610	2.5	0.936	*	0.995-1.005
Deca	PCB-209	*	*	n NotF¬	1.04	*		1220	2.5	0.744	*	0.995-1.005

Analyst: MN

Date: 3/23/18

Client ID: OWS-BAFA-T170815151905 Filename: 180315E1 S:5 Acq:15-MAR-18 13:49:43 ConCal: ST180315E1-1
Lab ID: 1701075-01 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.015 EndCAL: NA

Name	Resp	RA		RT	RRF	Conc	
Total Mono-PCB	*	*	n	NotFnd	1.06	*	
Total Di-PCB	7.12e+05	1.38	y	25:12	1.04	12.2304	
Total Tri-PCB	2.92e+06	1.14	y	24:11	1.15	50.0984	
Total Tri-PCB	1.49e+06	0.96	y	28:27	1.05	26.8273	Sum:76.9257
Total Tetra-PCB	9.09e+06	0.71	y	29:45	1.06	171.138	
Total Penta-PCB	2.84e+06	1.72	y	35:49	1.18	52.1533	
Total Penta-PCB	*	*	n	NotFnd	1.12	*	Sum:52.1533
Total Hexa-PCB	3.20e+05	1.17	y	40:47	0.91	6.69603	
Total Hexa-PCB	1.08e+06	1.35	y	42:49	1.00	20.1512	Sum:26.8472
Total Hepta-PCB	2.38e+05	1.19	y	46:08	1.35	5.13642	
Total Octa-PCB	*	*	n	NotFnd	0.95	*	
Total Octa-PCB	4.09e+04	0.91	y	54:06	1.17	1.25925	Sum:1.25925
Total Nona-PCB	*	*	n	NotFnd	0.89	*	
Total Deca-PCB	*	*	n	NotFnd	1.04	*	

Total PCB Conc:379.946273000

Integrations
by
Analyst: MN
Date: 3/23/18

Client ID: OWS-BAFA-T170815151905 Filename: I80315E1 S:5 Acq:15-MAR-18 13:49:43 ConCal: ST180315E1-1
Lab ID: 1701075-01 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol:1.0151 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-1	9.46e+07	3.15 y	1.13	16:01	0.618	0.616	0.622	1100	56.1
13C-PCB-3	1.06e+08	3.14 y	1.21	18:39	0.720	0.716	0.724	1160	58.9
13C-PCB-4	5.66e+07	1.58 y	0.59	19:60	0.772	0.769	0.777	1260	63.8
13C-PCB-9	9.37e+07	1.56 y	0.94	21:48	0.842	0.837	0.845	1310	66.7
13C-PCB-11	1.05e+08	1.54 y	0.95	25:11	0.973	0.968	0.978	1470	74.5
13C-PCB-19	7.91e+07	1.06 y	0.62	24:10	0.933	0.928	0.938	1670	85.0
13C-PCB-28	9.73e+07	1.06 y	1.05	29:03	1.003	0.999	1.009	1390	70.7
13C-PCB-32	1.23e+08	1.03 y	0.91	27:05	1.046	1.041	1.051	1780	90.4
13C-PCB-37	1.04e+08	1.04 y	1.02	32:56	1.137	1.132	1.144	1530	77.6
13C-PCB-47	9.81e+07	0.80 y	0.83	31:59	0.871	0.867	0.875	1650	83.7
13C-PCB-52	8.81e+07	0.78 y	0.76	31:29	0.857	0.853	0.861	1620	82.0
13C-PCB-54	1.08e+08	0.79 y	0.93	27:55	0.760	0.756	0.764	1630	82.5
13C-PCB-70	1.21e+08	0.80 y	1.00	35:30	0.966	0.961	0.971	1700	86.3
13C-PCB-77	1.14e+08	0.81 y	0.96	39:37	1.078	1.073	1.083	1660	84.5
13C-PCB-80	1.20e+08	0.81 y	1.00	35:55	0.978	0.973	0.983	1680	85.5
13C-PCB-81	1.19e+08	0.78 y	1.01	39:01	1.062	1.057	1.067	1660	84.0
13C-PCB-95	8.27e+07	1.57 y	0.80	35:48	0.913	0.908	0.918	1680	85.1
13C-PCB-97	7.50e+07	1.59 y	0.70	38:47	0.989	0.984	0.994	1740	88.2
13C-PCB-101	8.57e+07	1.60 y	0.80	37:29	0.956	0.951	0.961	1740	88.2
13C-PCB-104	9.75e+07	1.58 y	1.01	32:38	0.832	0.828	0.836	1570	79.8
13C-PCB-105	7.95e+07	1.62 y	1.14	43:02	0.929	0.924	0.934	1540	78.0
13C-PCB-114	7.98e+07	1.59 y	1.18	42:11	0.911	0.905	0.915	1490	75.6
13C-PCB-118	1.09e+08	1.57 y	1.00	41:31	1.059	1.054	1.064	1770	90.0
13C-PCB-123	1.04e+08	1.61 y	0.95	41:20	1.054	1.049	1.059	1780	90.5
13C-PCB-126	7.64e+07	1.59 y	1.14	45:16	0.977	0.972	0.982	1480	75.3
13C-PCB-127	8.66e+07	1.60 y	1.24	43:23	0.936	0.931	0.941	1540	78.1
13C-PCB-138	8.94e+07	1.25 y	1.17	44:46	0.966	0.962	0.972	1680	85.4
13C-PCB-141	8.31e+07	1.28 y	1.11	43:56	0.948	0.944	0.954	1660	84.0
13C-PCB-153	1.00e+08	1.25 y	1.34	43:12	0.933	0.928	0.938	1660	84.0
13C-PCB-155	1.11e+08	1.27 y	0.83	37:01	0.944	0.939	0.949	2180	111
13C-PCB-156	1.04e+08	1.28 y	1.38	48:01	1.037	1.032	1.042	1650	83.9
13C-PCB-157	1.05e+08	1.28 y	1.37	48:18	1.043	1.037	1.047	1690	85.7
13C-PCB-159	1.06e+08	1.27 y	1.39	46:03	0.994	0.989	0.999	1680	85.5
13C-PCB-167	1.06e+08	1.25 y	1.40	46:44	1.009	1.004	1.014	1670	85.0
13C-PCB-169	1.02e+08	1.27 y	1.39	50:30	1.090	1.085	1.095	1620	82.0
13C-PCB-170	5.36e+07	0.47 y	0.86	50:55	1.103	1.097	1.109	1810	91.7
13C-PCB-180	6.00e+07	0.46 y	0.98	49:19	1.069	1.064	1.074	1780	90.2
13C-PCB-188	8.37e+07	0.45 y	1.40	42:49	0.928	0.923	0.933	1730	87.9
13C-PCB-189	6.83e+07	0.46 y	1.15	52:32	1.138	1.132	1.144	1720	87.3
13C-PCB-194	5.53e+07	0.90 y	0.77	54:05	0.995	0.990	1.000	1760	89.2
13C-PCB-202	9.83e+07	0.90 y	1.28	48:14	1.045	1.040	1.050	2220	113
13C-PCB-206	6.32e+07	0.78 y	0.81	55:39	1.024	1.019	1.029	1910	97.1
13C-PCB-208	8.03e+07	0.78 y	1.09	53:21	0.981	0.977	0.987	1800	91.3
13C-PCB-209	6.70e+07	1.19 y	0.74	56:58	1.048	1.043	1.053	2230	113

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.46e+08	0.79 y	1.03	37:48	1.029	1.024	1.034	1980	100
13C-PCB-178	6.65e+07	0.45 y	0.93	45:37	0.985	0.980	0.990	2070	105

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.46e+08	0.79 y	1.03	37:48	0.969	0.963	0.973	2350	119
13C-PCB-178	6.65e+07	0.45 y	0.95	45:37	0.925	0.920	0.930	2300	117

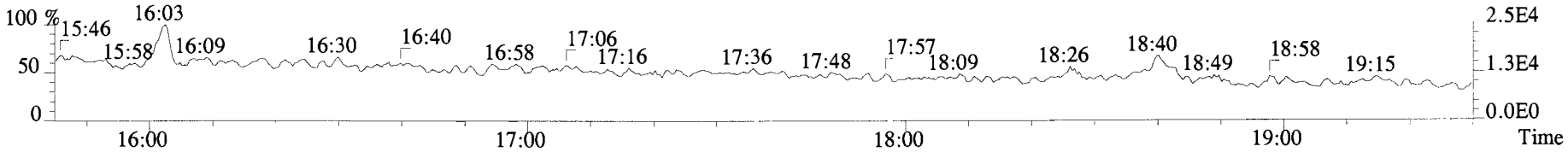
RS

Name	Resp	RA		RRF	RT	Conc
13C-PCB-15	1.49e+08	1.54	y	1.00	25:54	1970
13C-PCB-31	1.31e+08	1.03	y	1.00	28:57	1970
13C-PCB-60	1.40e+08	0.79	y	1.00	36:44	1970
13C-PCB-111	1.21e+08	1.60	y	1.00	39:13	1970
13C-PCB-128	8.93e+07	1.25	y	1.00	46:19	1970
13C-PCB-182	6.81e+07	0.46	y	1.00	46:09	1970
13C-PCB-205	8.05e+07	0.92	y	1.00	54:22	1970

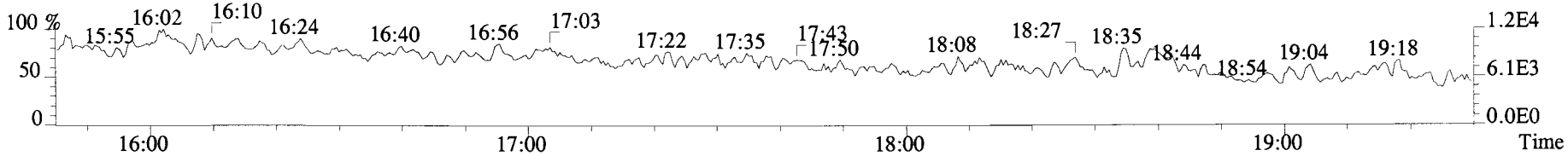
Analyst: MJ

Date: 3/23/18

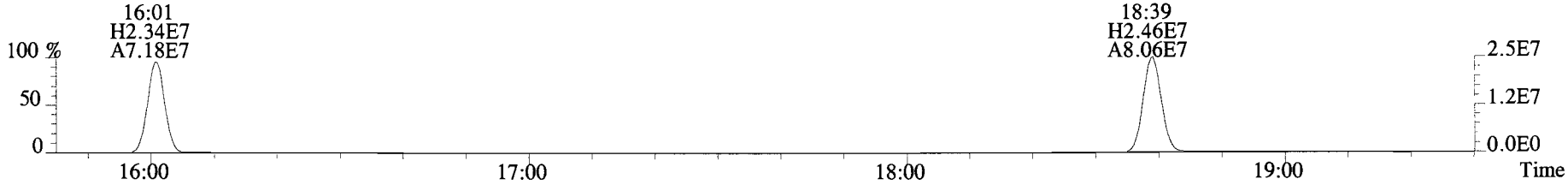
File:180315E1 #1-866 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1
188.0393 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16148.0,0.00%,F,F)



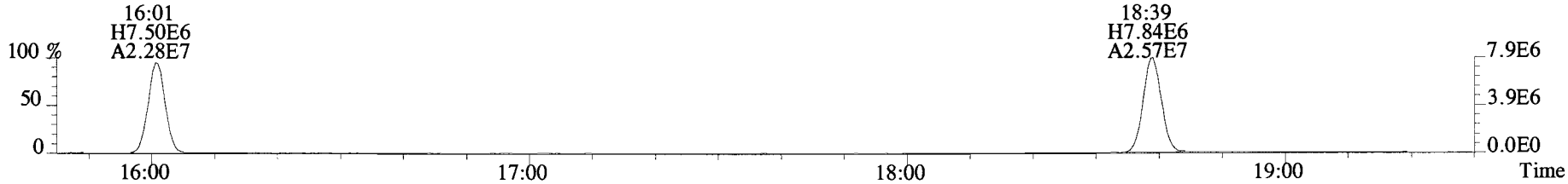
190.0363 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10520.0,0.00%,F,F)



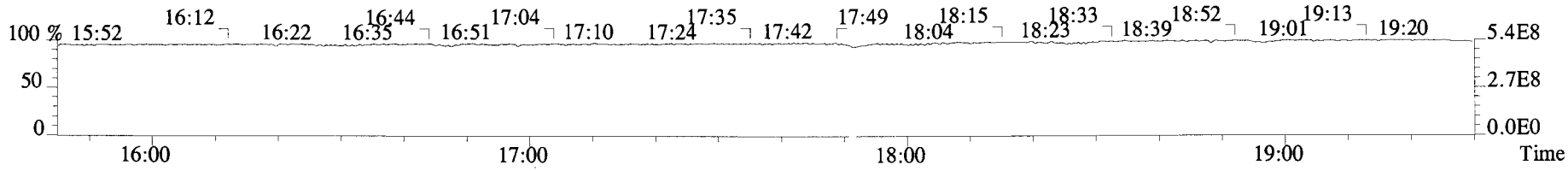
200.0795 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11000.0,0.00%,F,F)



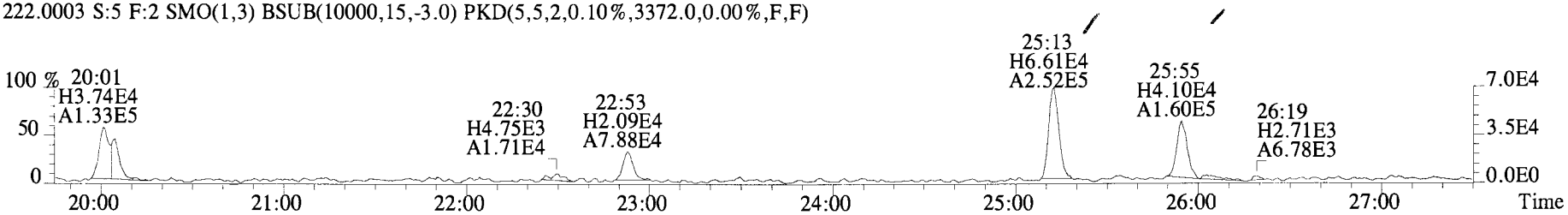
202.0766 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27572.0,0.00%,F,F)



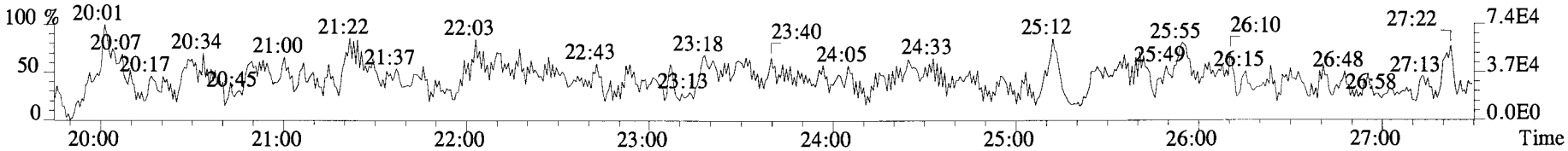
180.9880 S:5



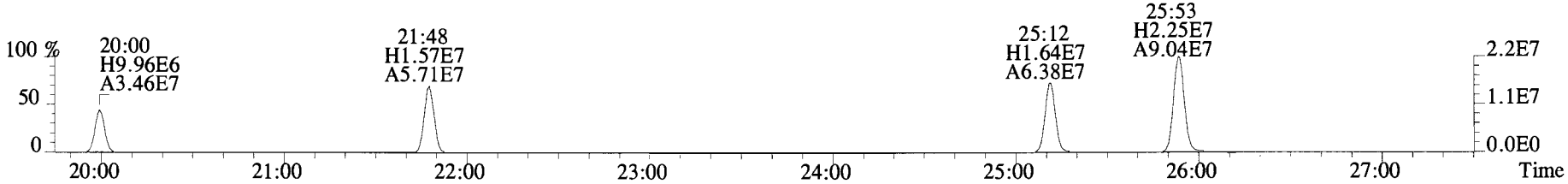
File:180315E1 #1-757 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1
222.0003 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3372.0,0.00%,F,F)



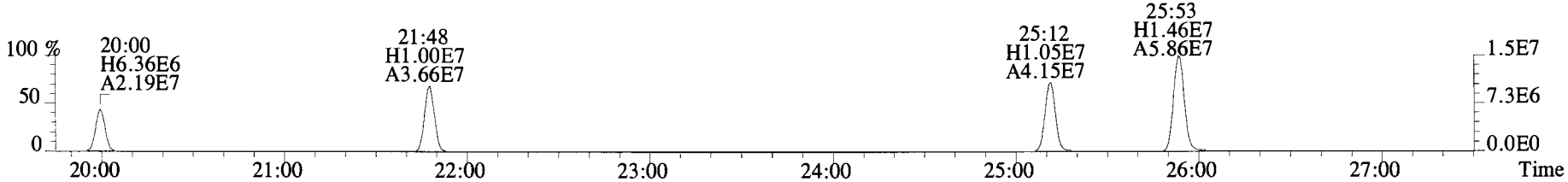
223.9974 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,40660.0,0.00%,F,F)



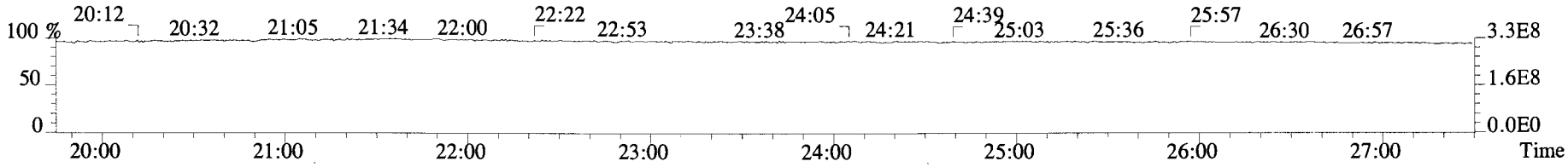
234.0406 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7444.0,0.00%,F,F)



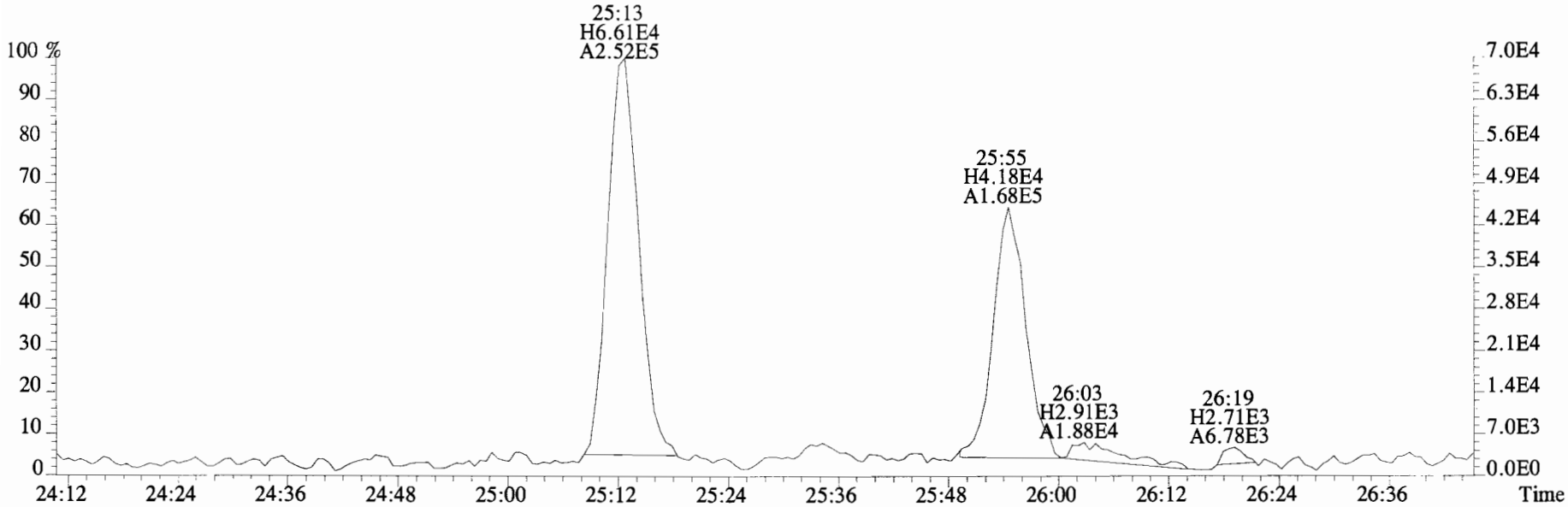
236.0376 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5356.0,0.00%,F,F)



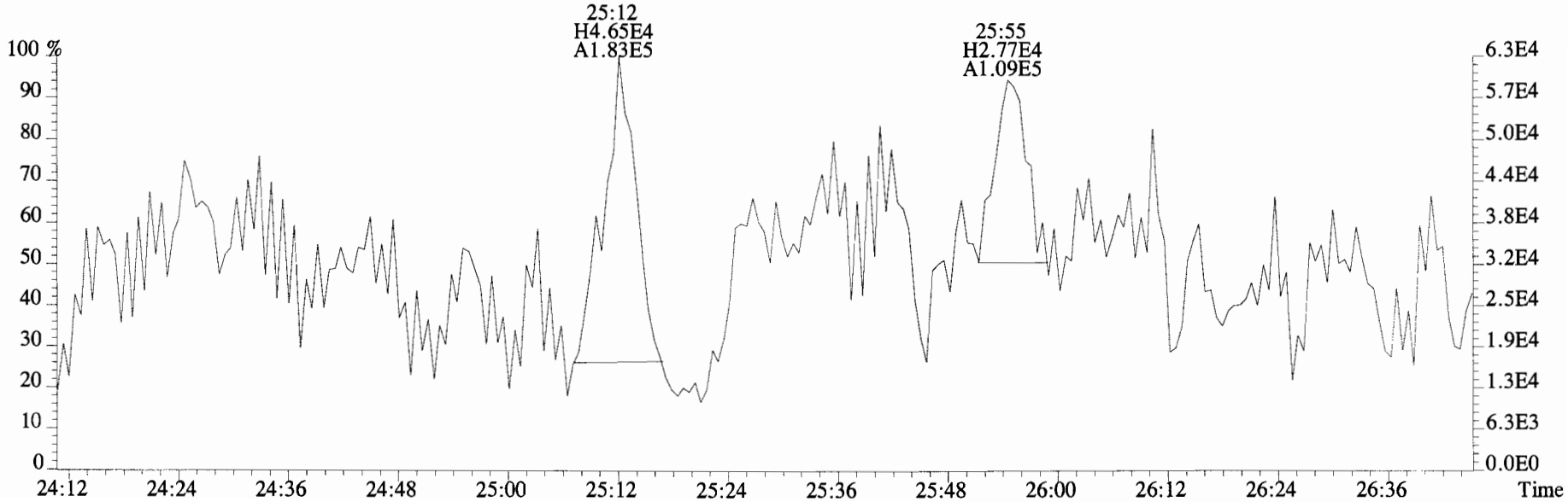
230.9856 S:5 F:2



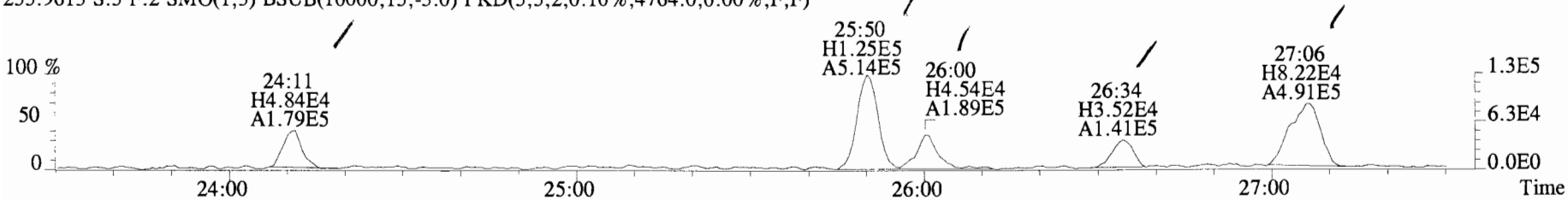
File:180315E1 #1-757 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1
222.0003 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3372.0,0.00%,F,F)



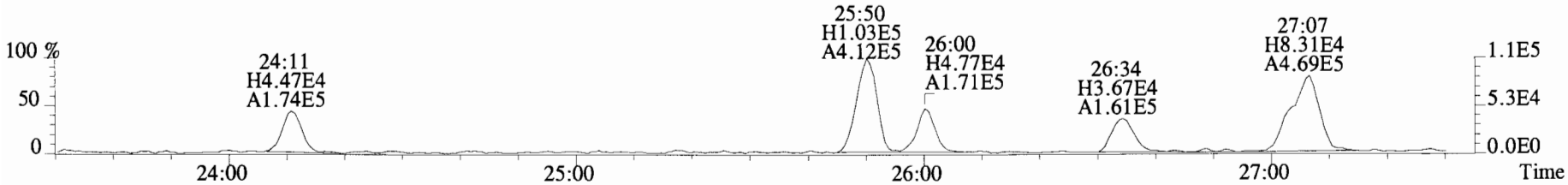
223.9974 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,40660.0,0.00%,F,F)



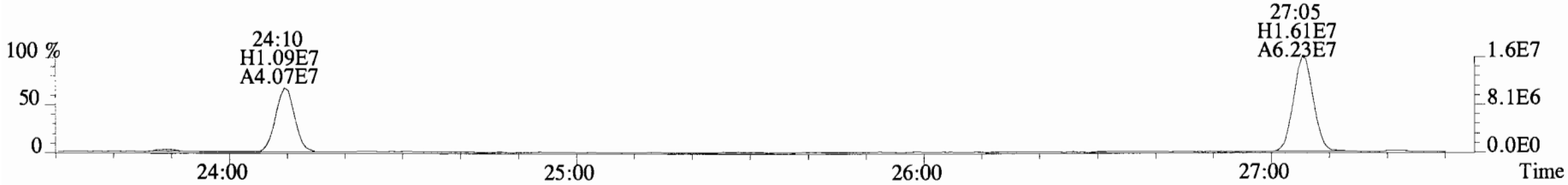
File:180315E1 #1-757 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1
255.9613 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4764.0,0.00%,F,F)



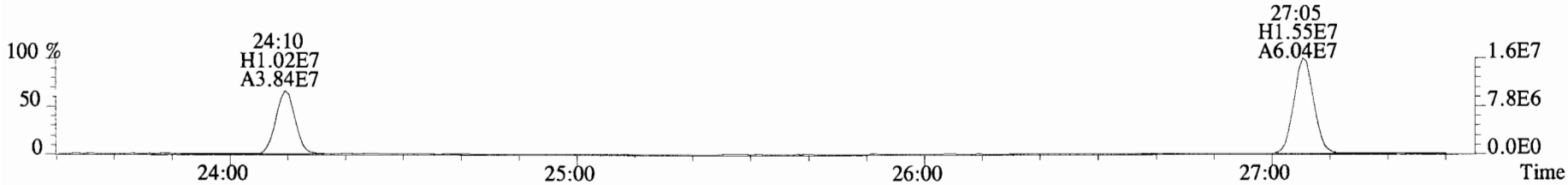
257.9584 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3192.0,0.00%,F,F)



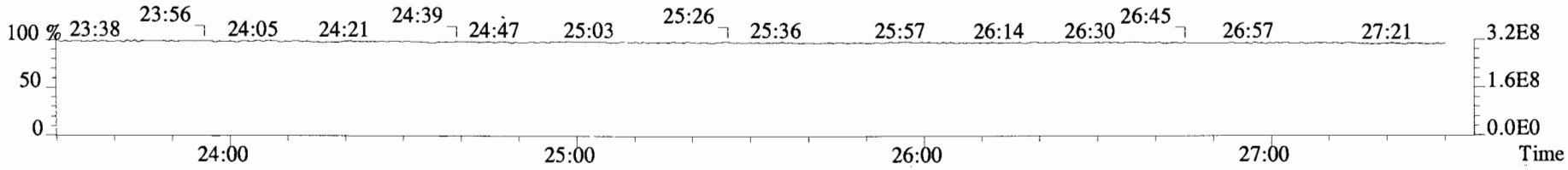
268.0016 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,256064.0,0.00%,F,F)



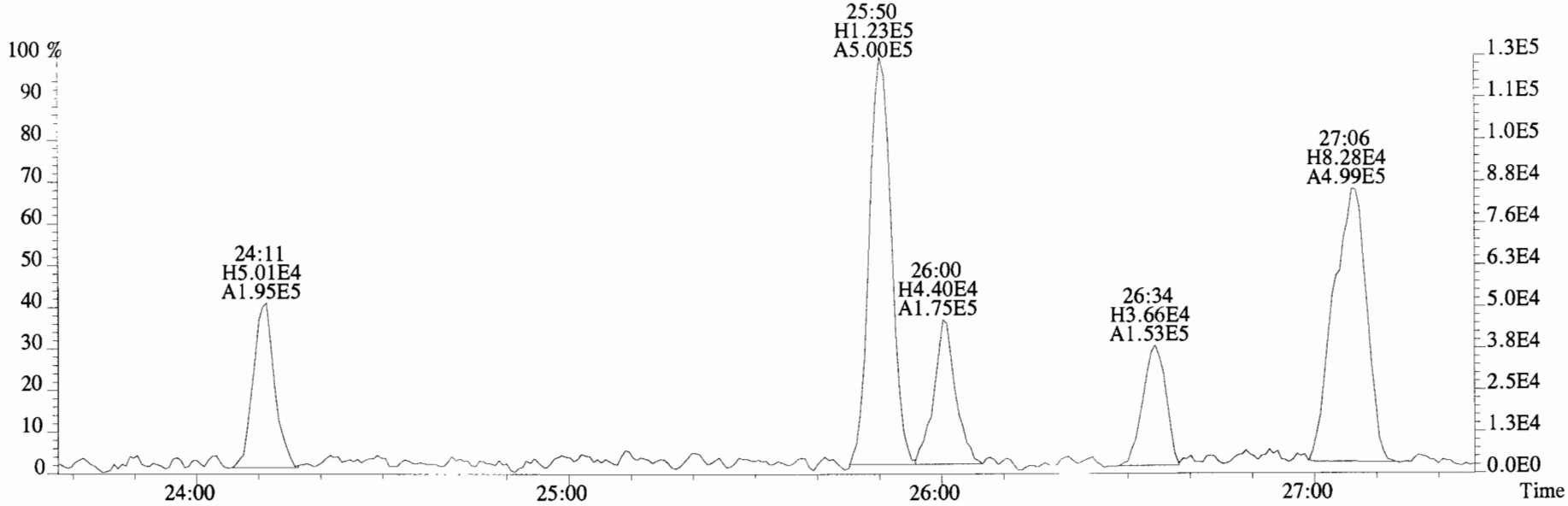
269.9986 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,142840.0,0.00%,F,F)



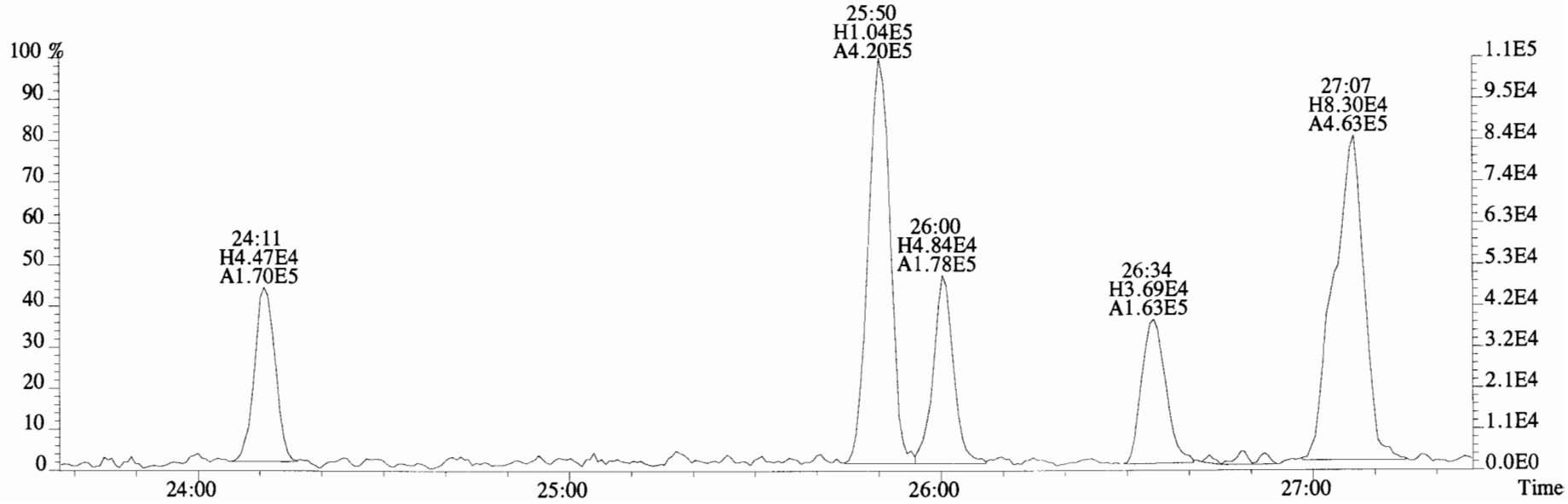
230.9856 S:5 F:2



File:180315E1 #1-757 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1
255.9613 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4764.0,0.00%,F,F)

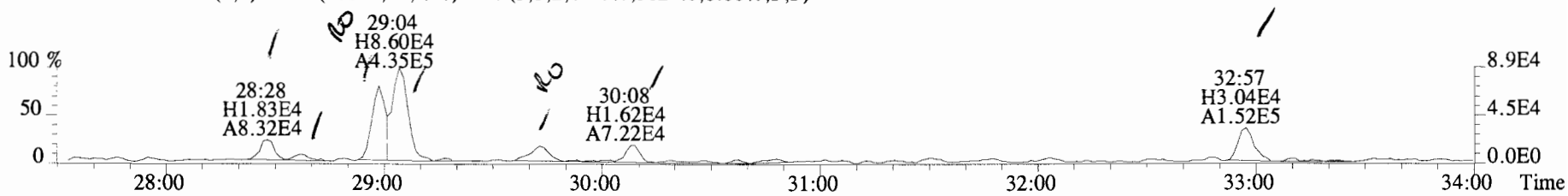


257.9584 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3192.0,0.00%,F,F)

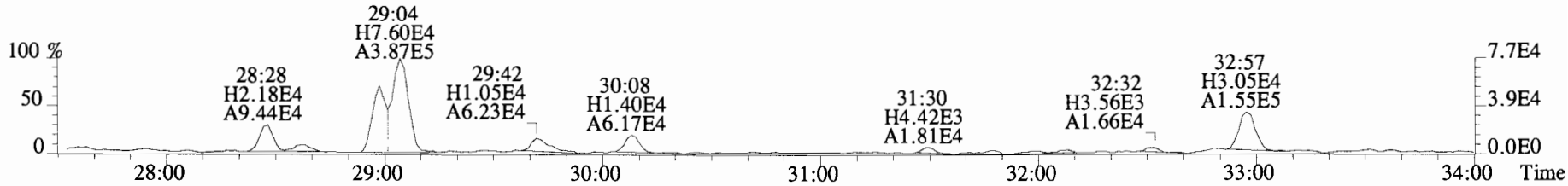


File:180315E1 #1-756 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1

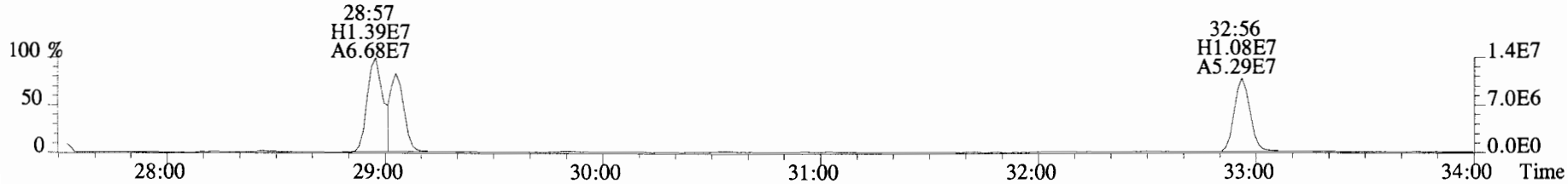
255.9613 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3624.0,0.00%,F,F)



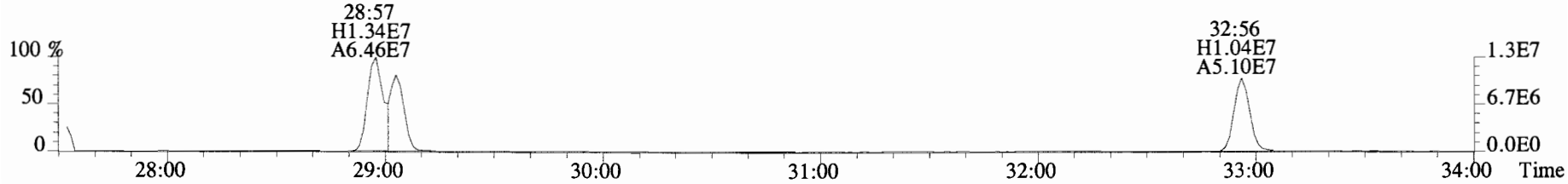
257.9584 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2404.0,0.00%,F,F)



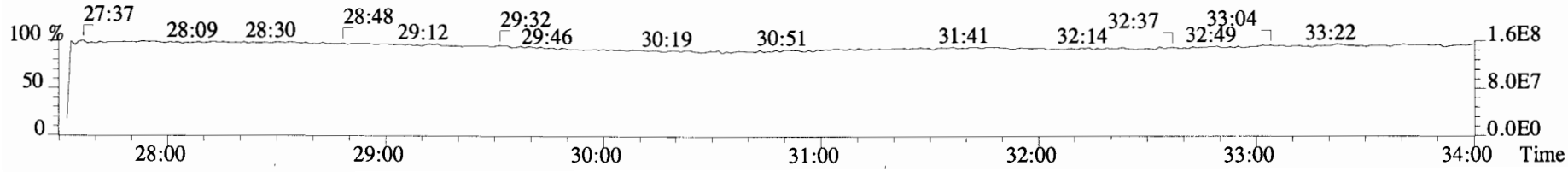
268.0016 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,188968.0,0.00%,F,F)



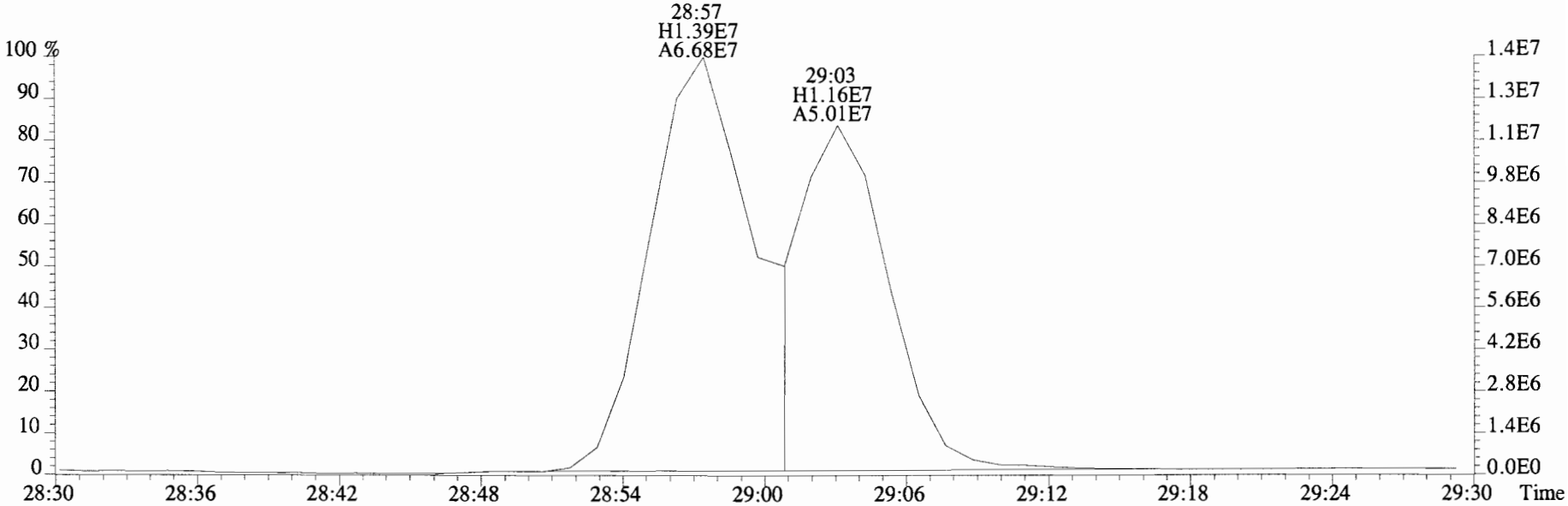
269.9986 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,58640.0,0.00%,F,F)



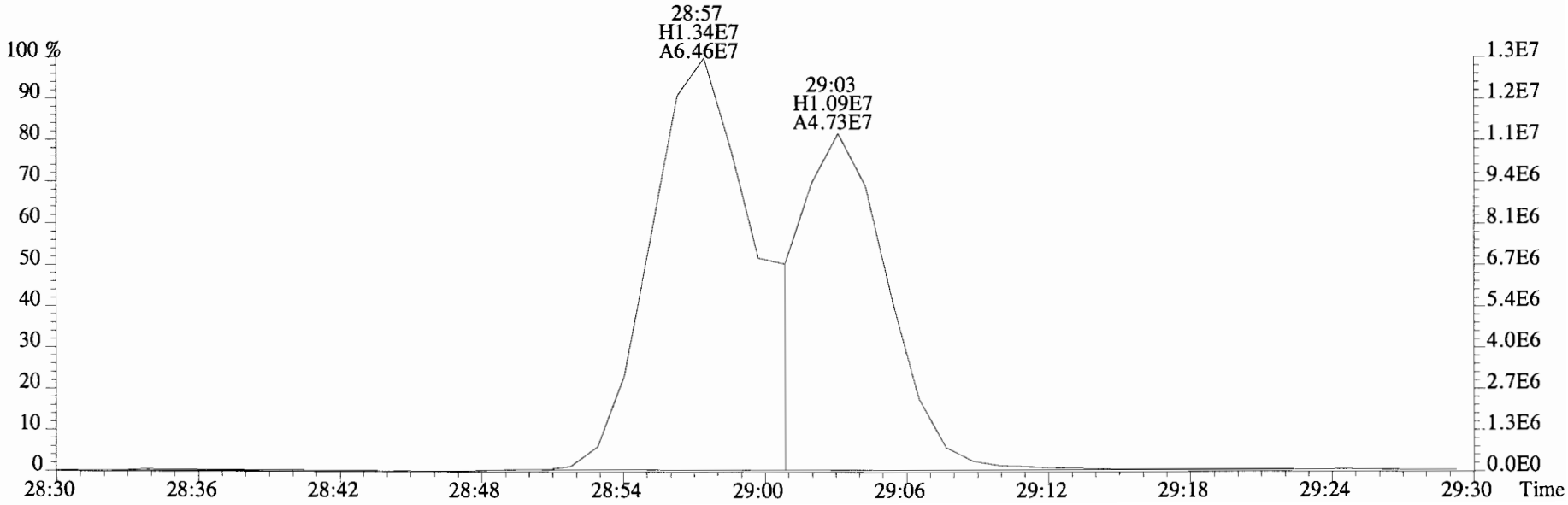
330.9792 S:5 F:3



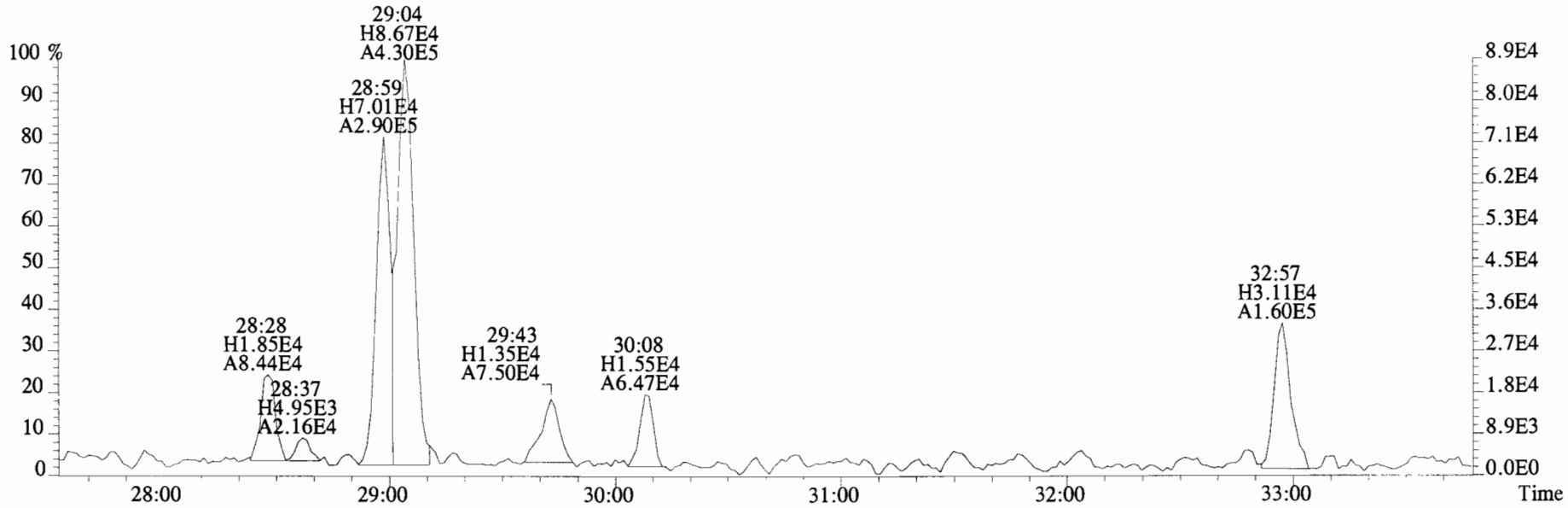
File:180315E1 #1-756 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1
268.0016 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,188968.0,0.00%,F,F)



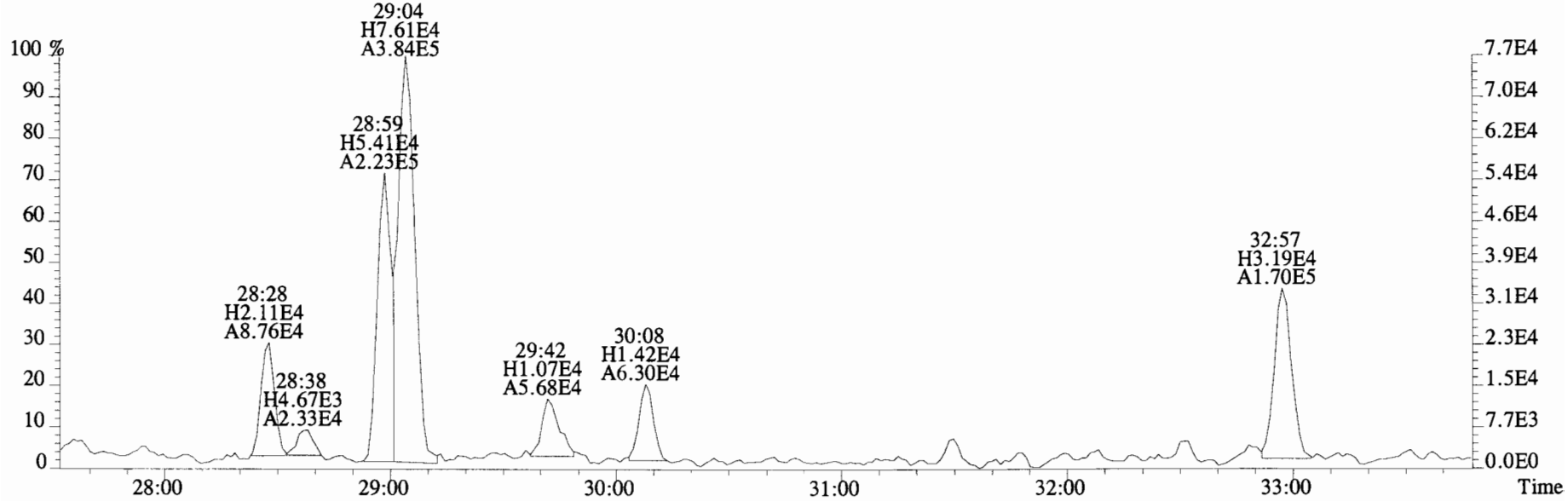
269.9986 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,58640.0,0.00%,F,F)



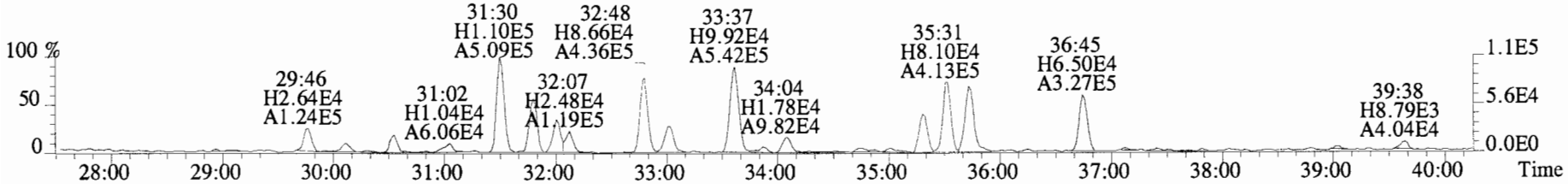
File:180315E1 #1-756 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1
255.9613 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0)



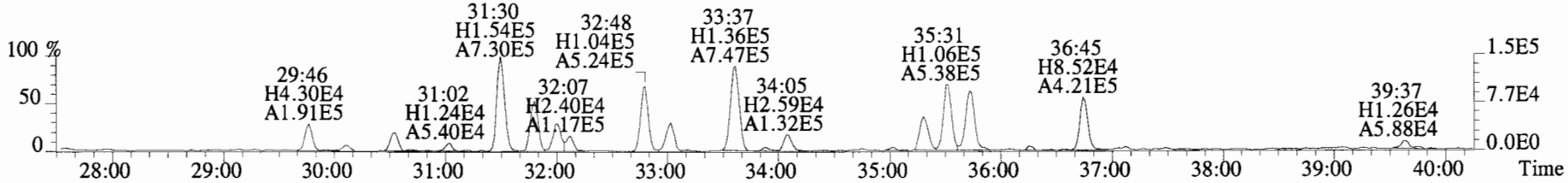
257.9584 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0)



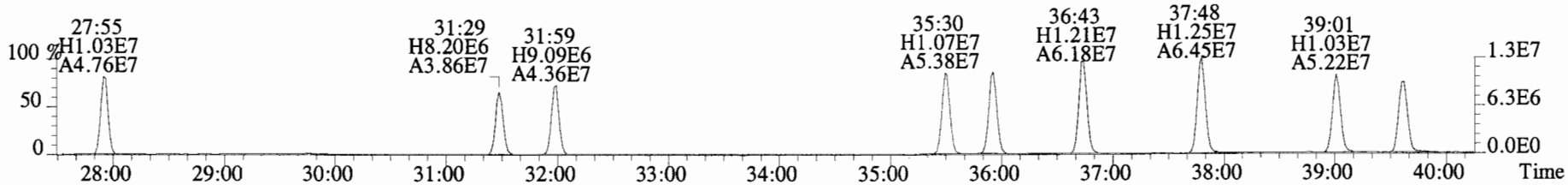
File:180315E1 #1-756 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2628.0,0.00%,F,F)



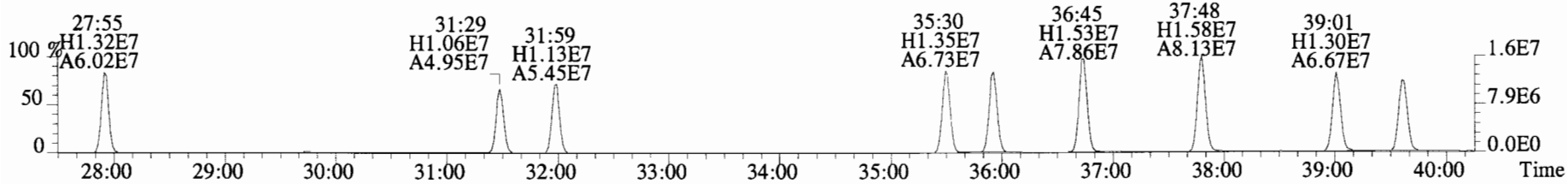
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2336.0,0.00%,F,F)



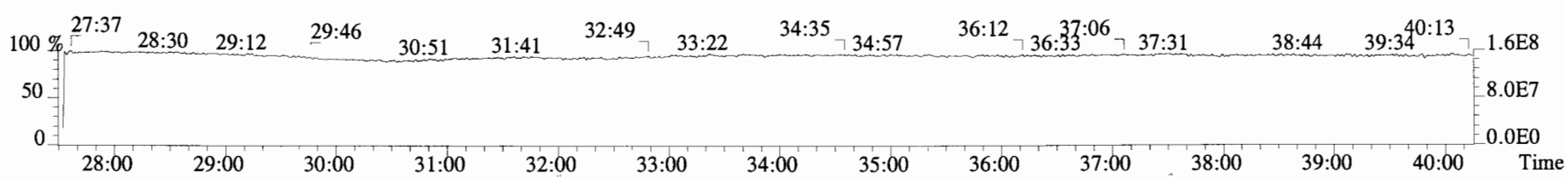
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,84204.0,0.00%,F,F)



303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,34896.0,0.00%,F,F)

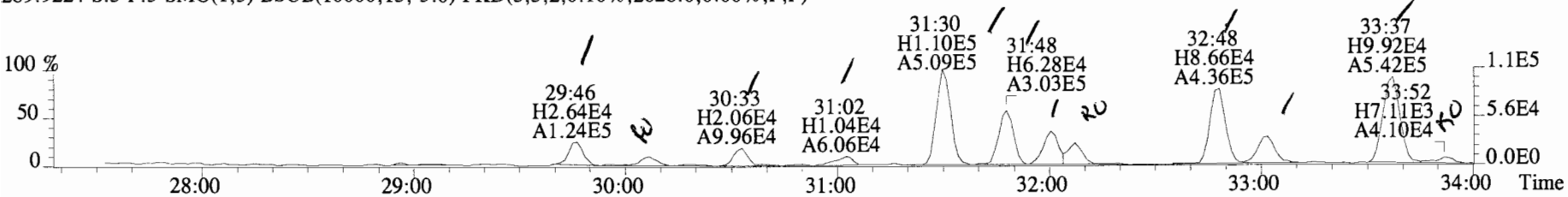


330.9792 S:5 F:3

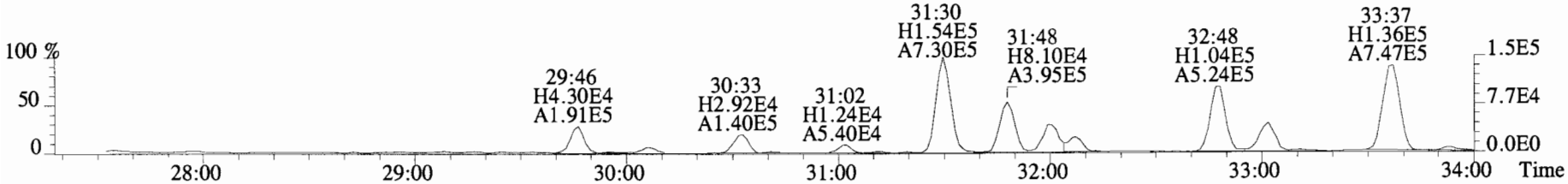


File:180315E1 #1-756 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1

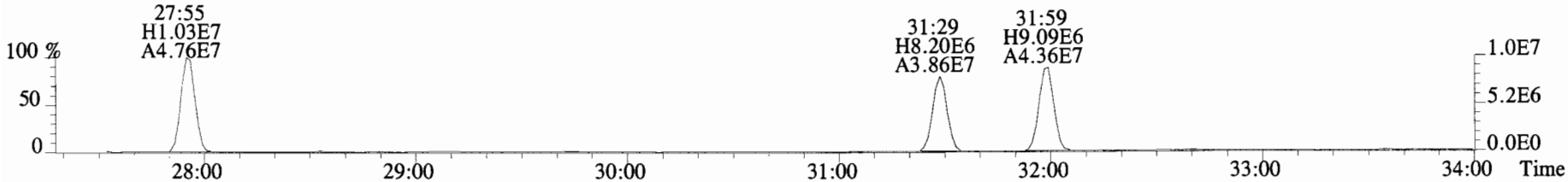
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2628.0,0.00%,F,F)



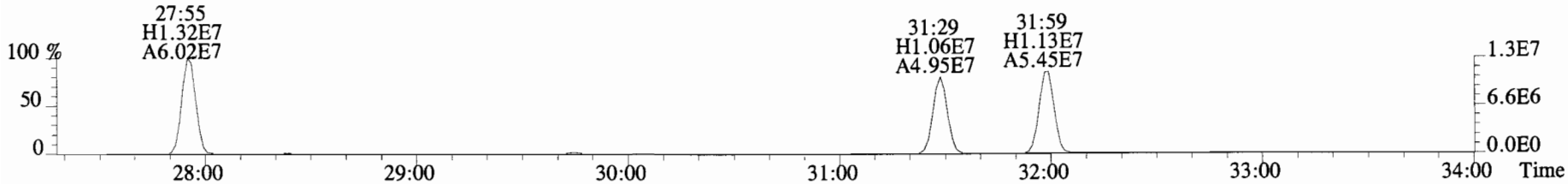
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2336.0,0.00%,F,F)



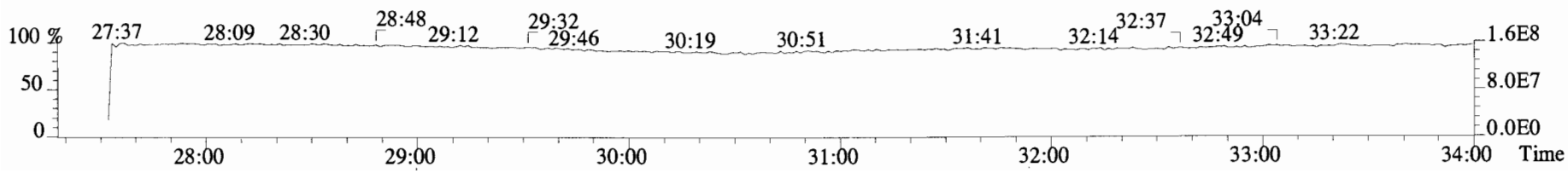
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,84204.0,0.00%,F,F)



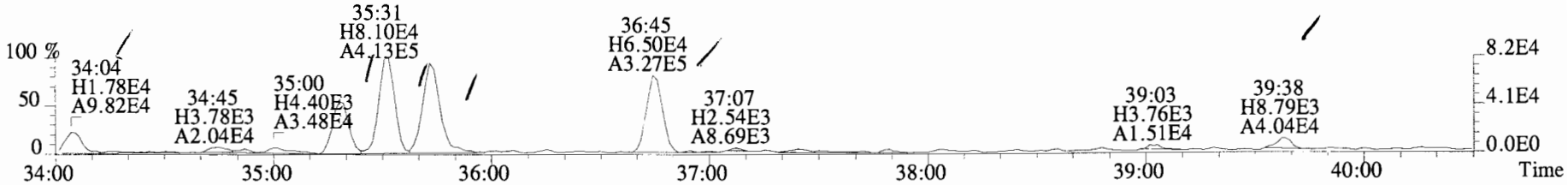
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,34896.0,0.00%,F,F)



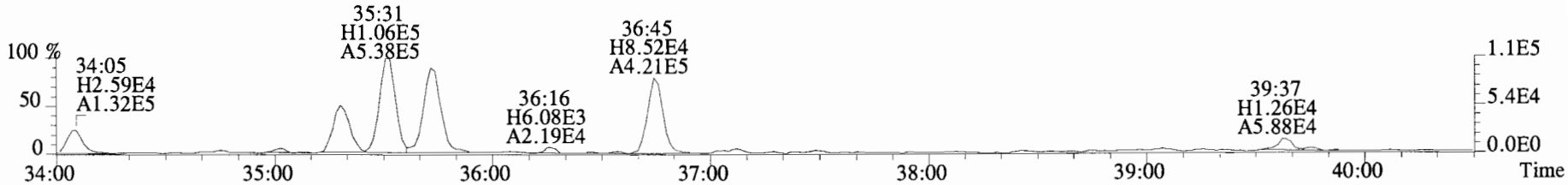
330.9792 S:5 F:3



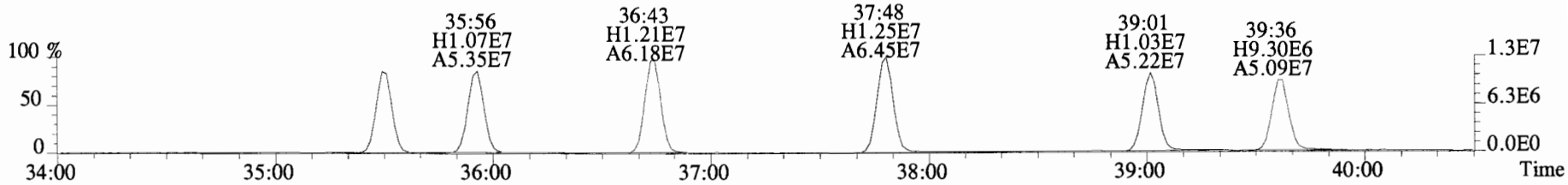
File:180315E1 #1-756 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2628.0,0.00%,F,F)



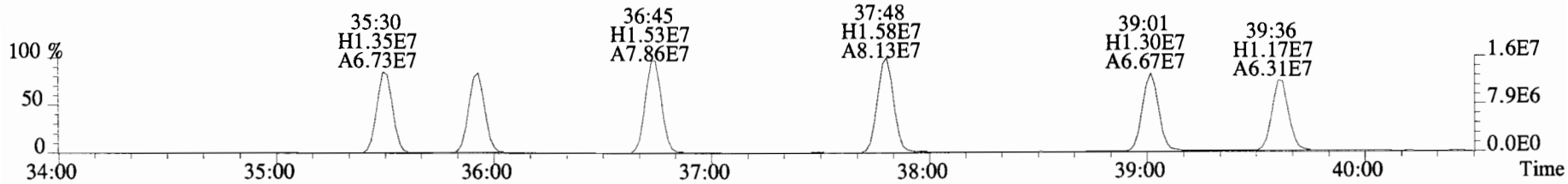
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2336.0,0.00%,F,F)



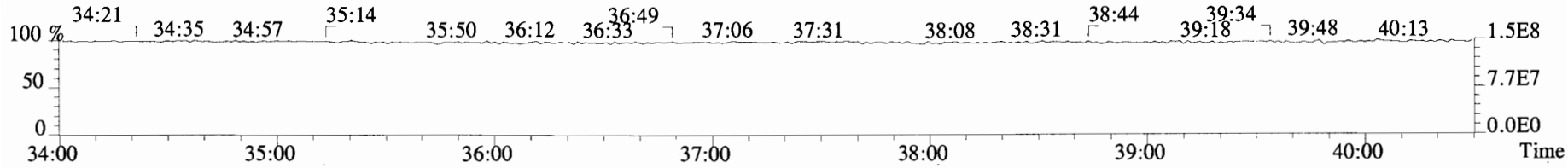
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,84204.0,0.00%,F,F)



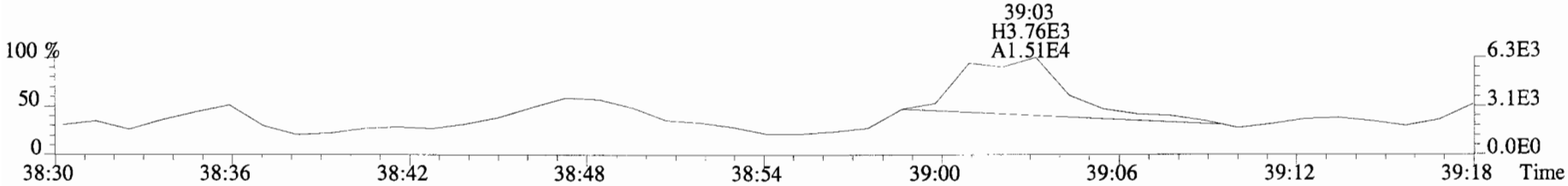
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,34896.0,0.00%,F,F)



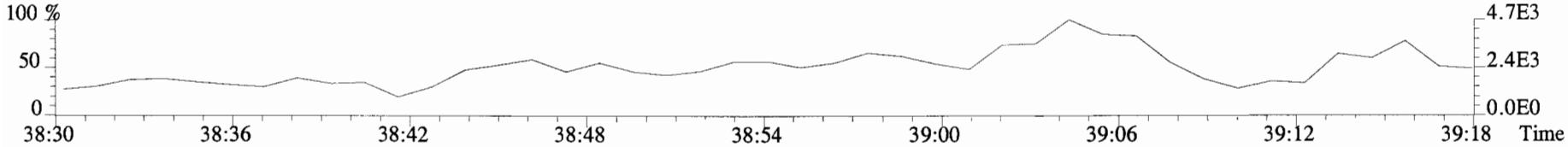
330.9792 S:5 F:3



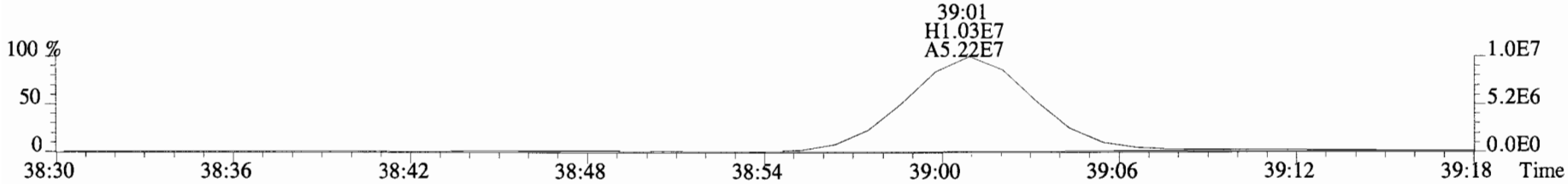
File:180315E1 #1-756 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2628.0,0.00%,F,F)



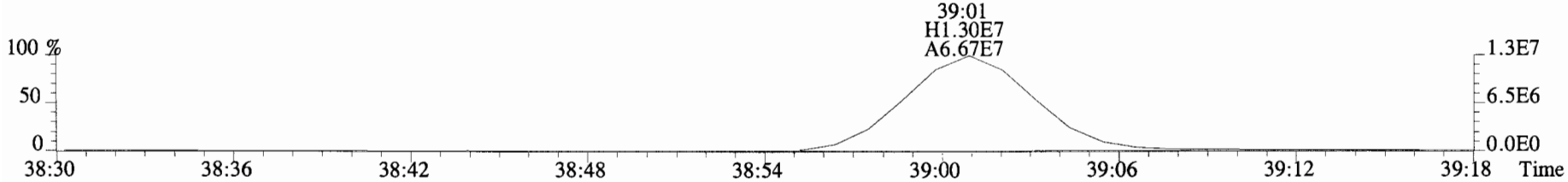
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2336.0,0.00%,F,F)



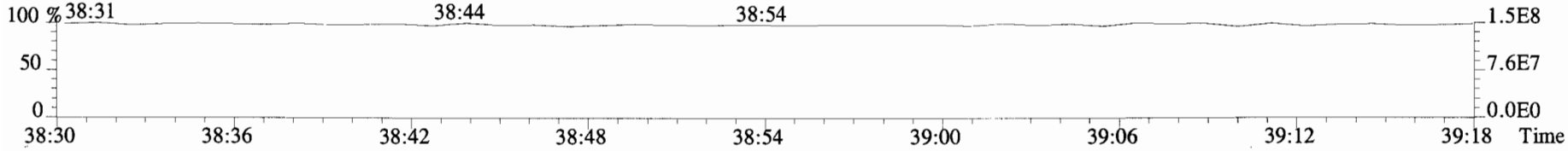
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,84204.0,0.00%,F,F)



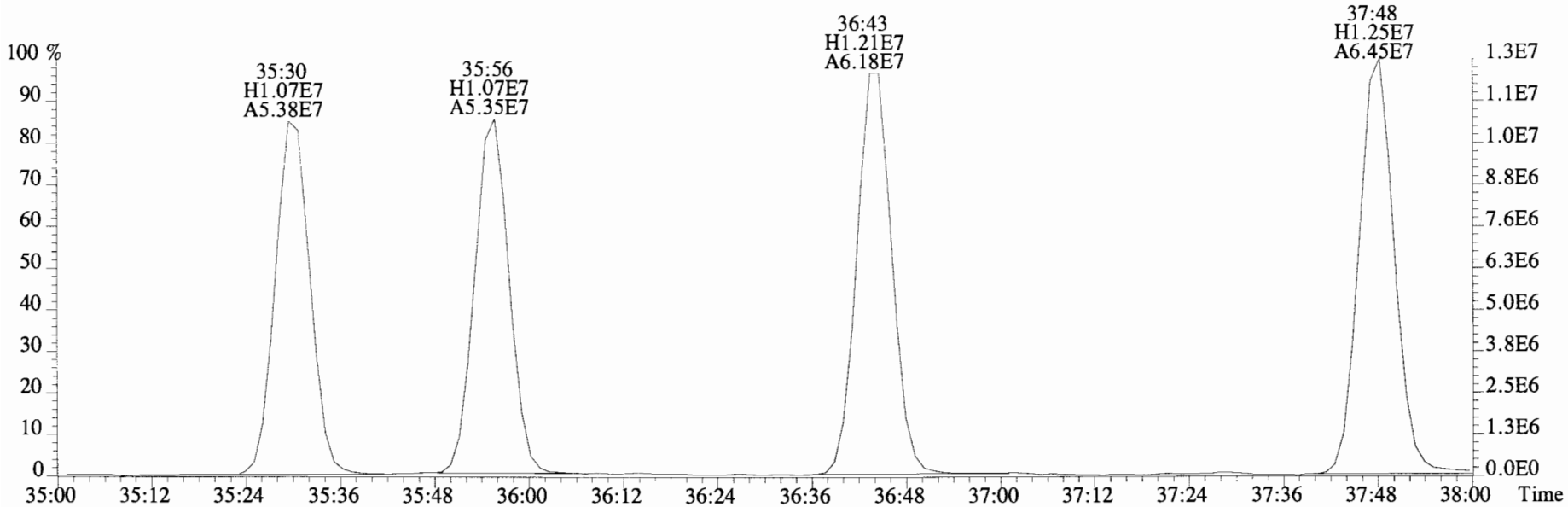
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,34896.0,0.00%,F,F)



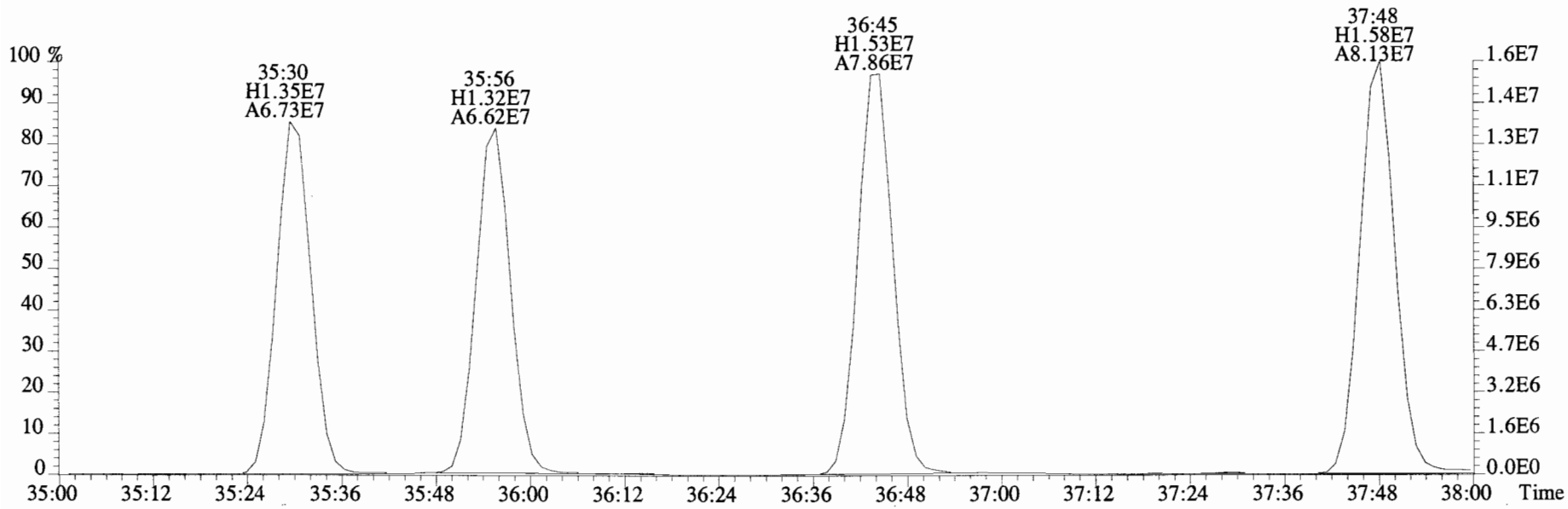
330.9792 S:5 F:3



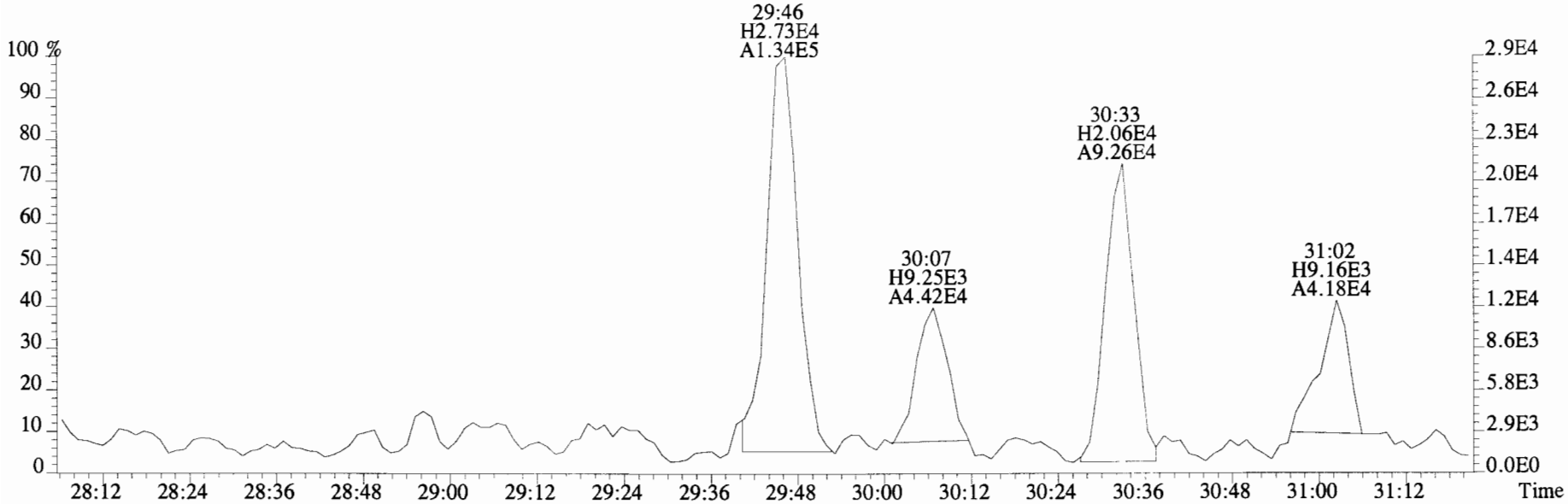
File:180315E1 #1-756 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,84204.0,0.00%,F,F)



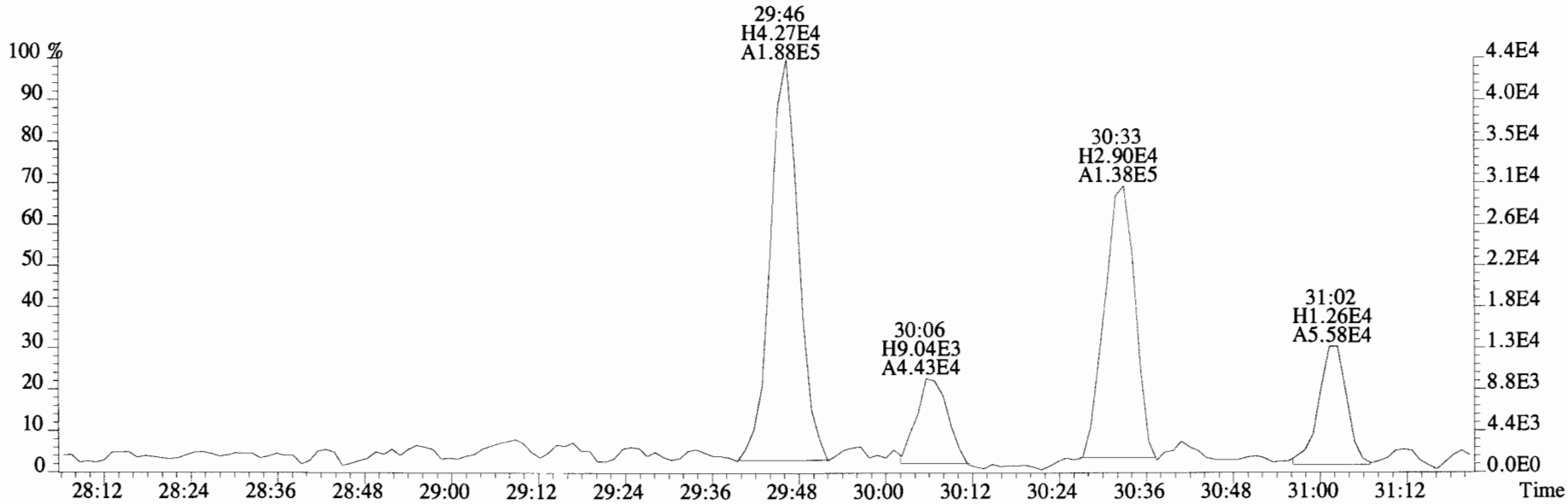
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,34896.0,0.00%,F,F)



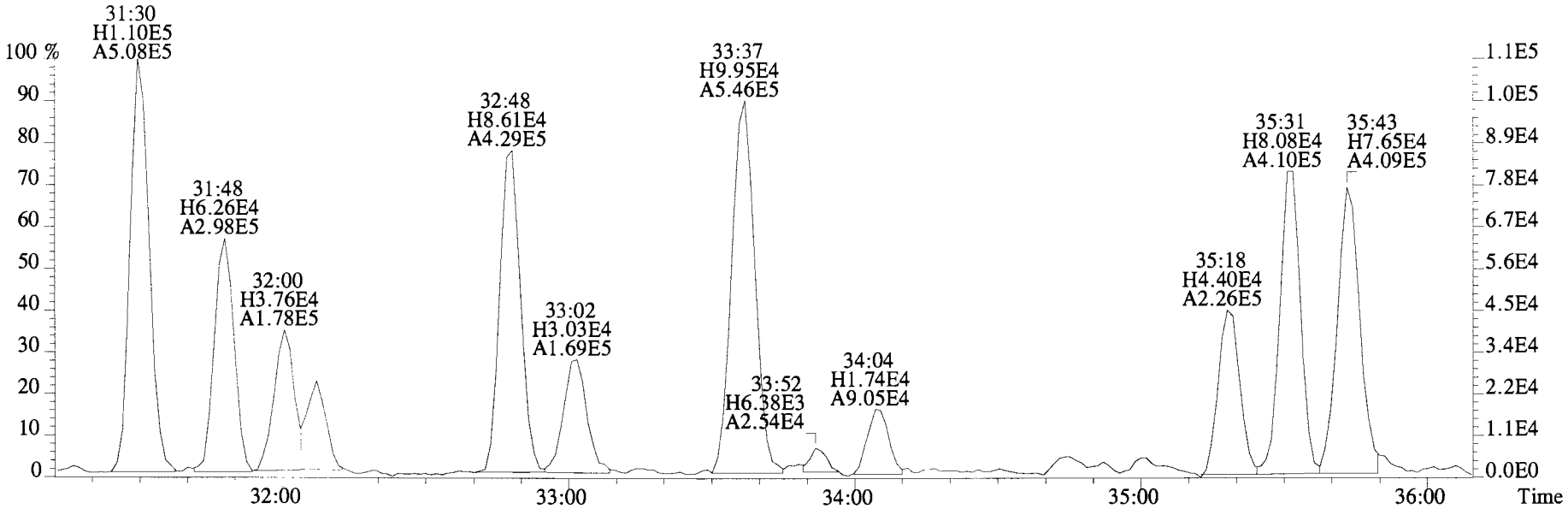
File:180315E1 #1-756 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2628.0,0.00%,F,F)



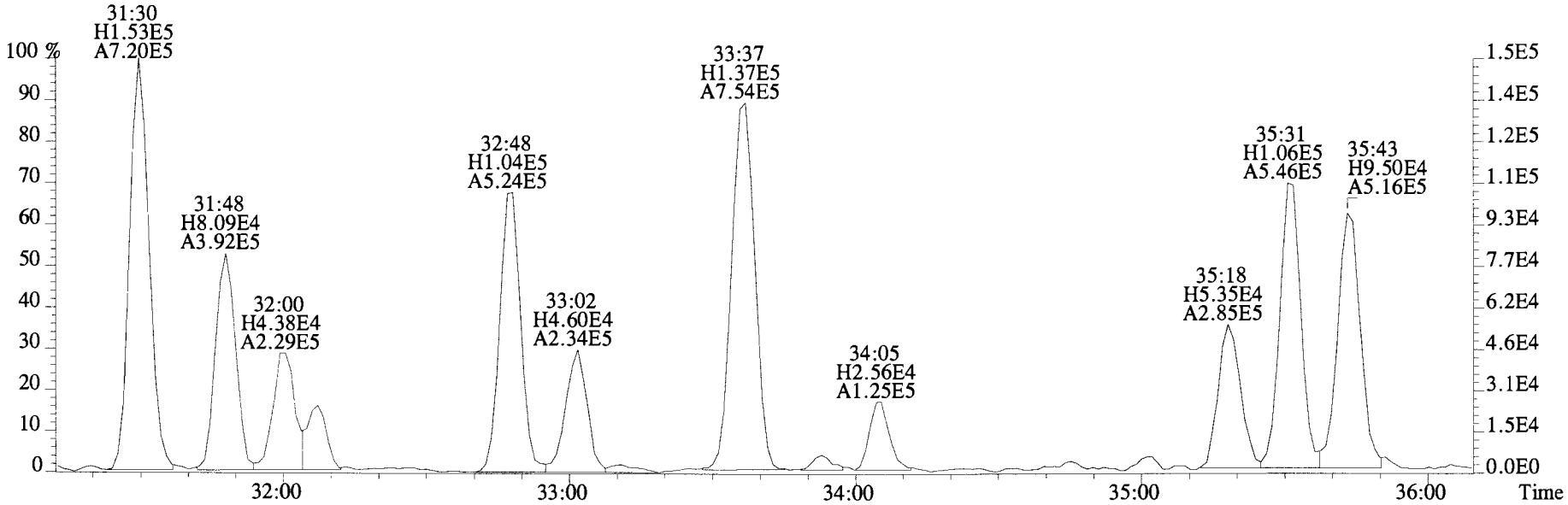
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2336.0,0.00%,F,F)



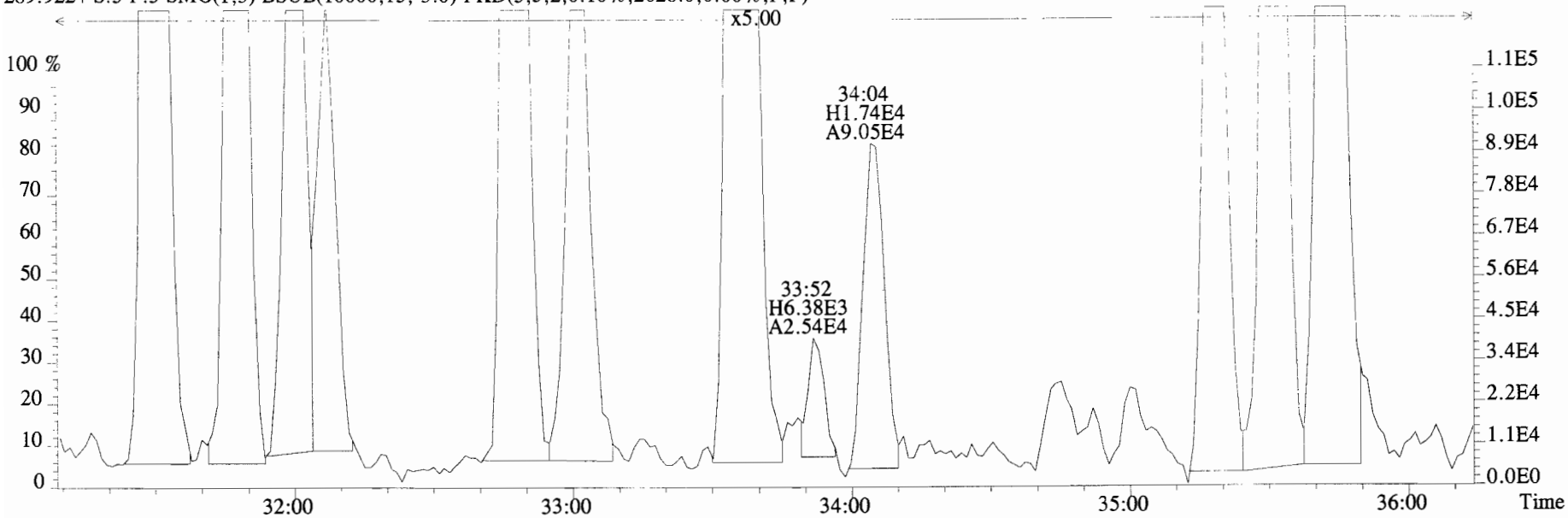
File:180315E1 #1-756 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2628.0,0.00%,F,F)



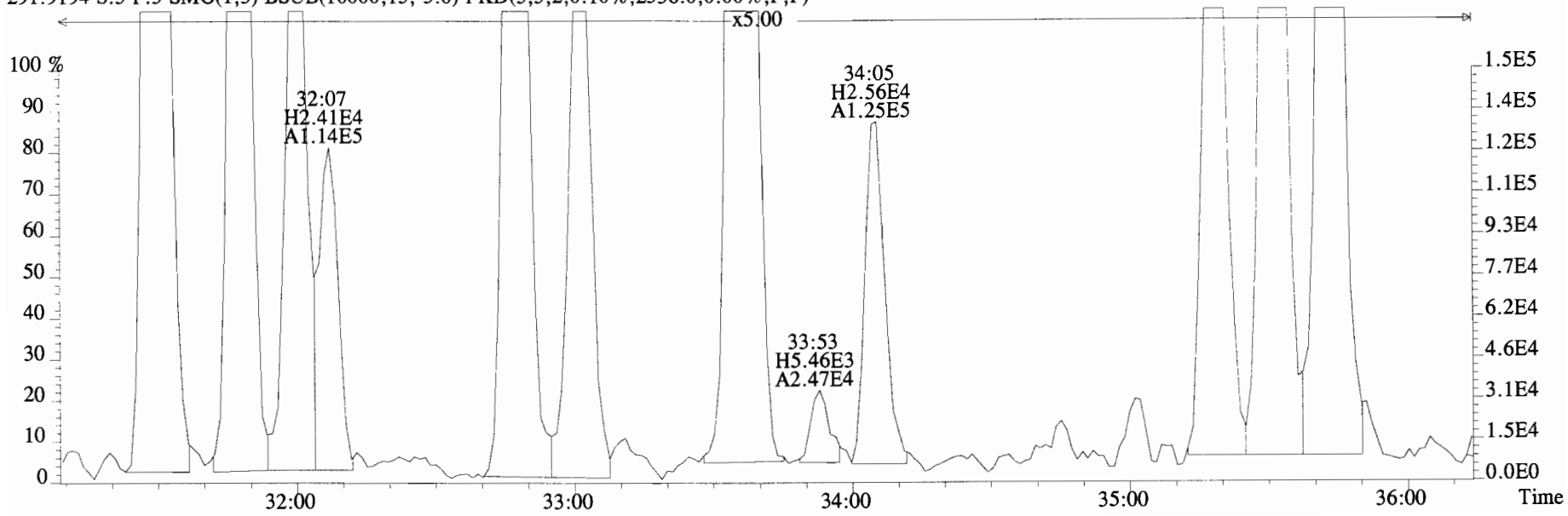
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2336.0,0.00%,F,F)



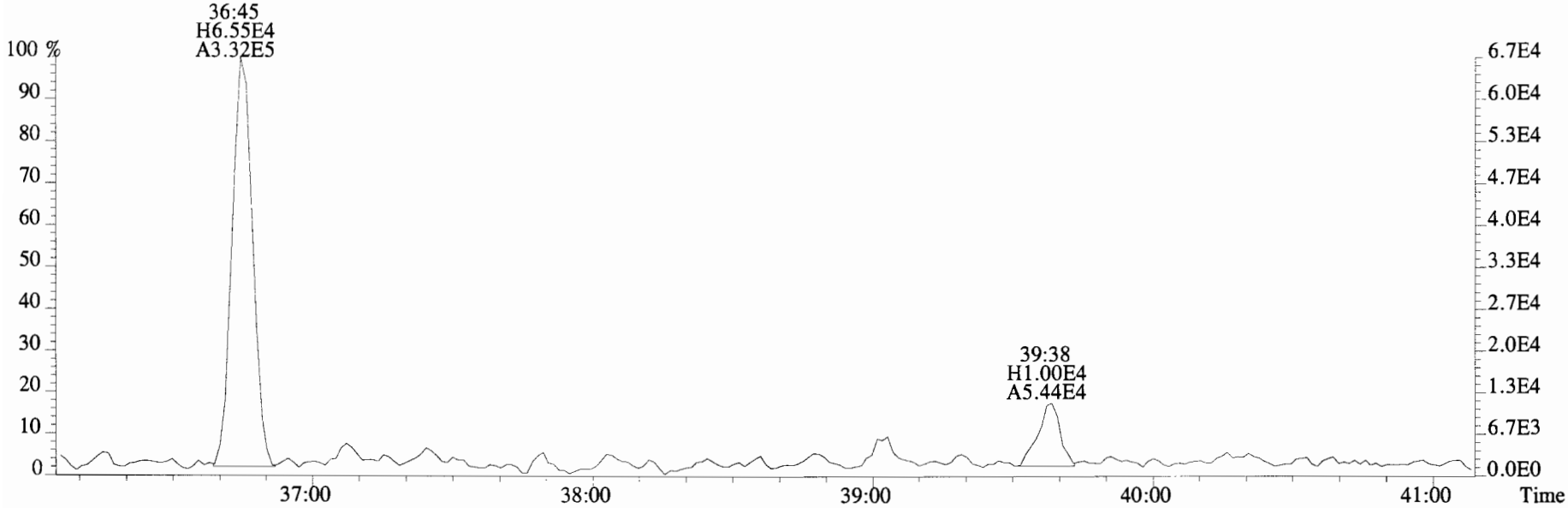
File:180315E1 #1-756 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UitimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2628.0,0.00%,F,F)



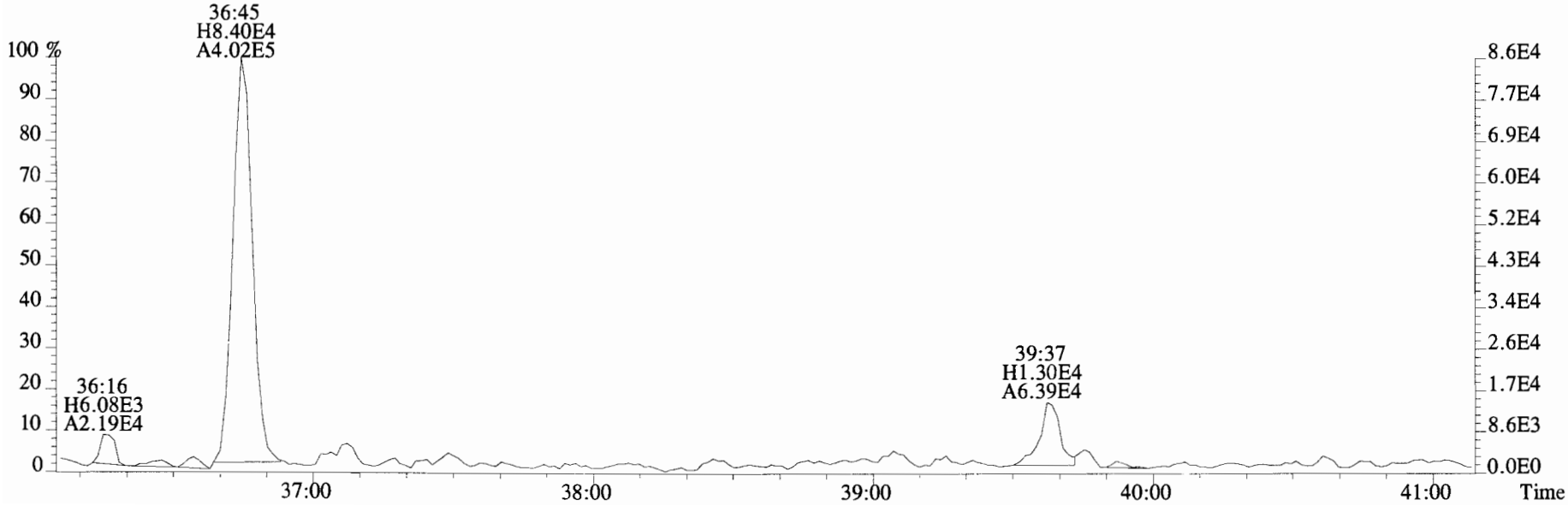
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2336.0,0.00%,F,F)



File:180315E1 #1-756 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2628.0,0.00%,F,F)

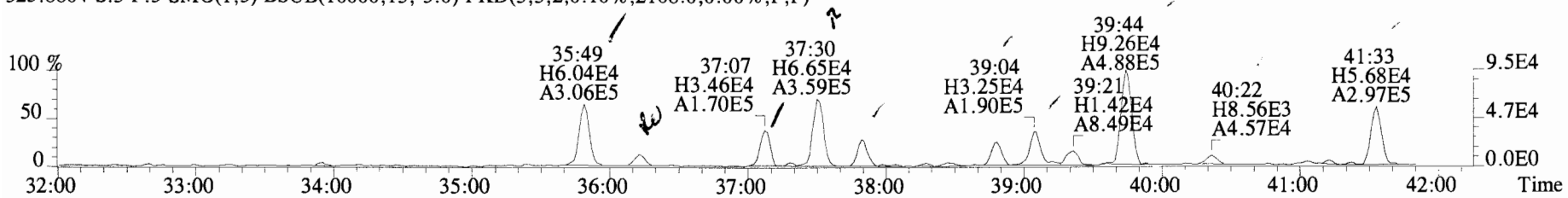


291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2336.0,0.00%,F,F)

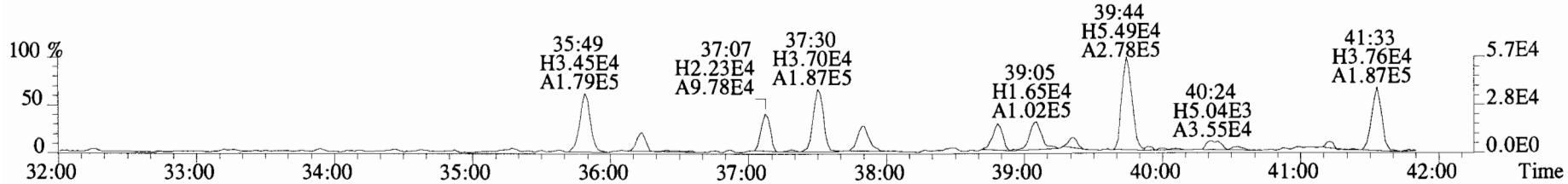


File:180315E1 #1-756 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1

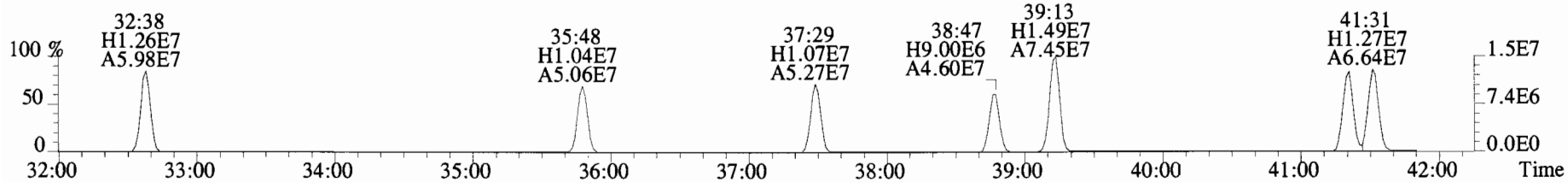
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2168.0,0.00%,F,F)



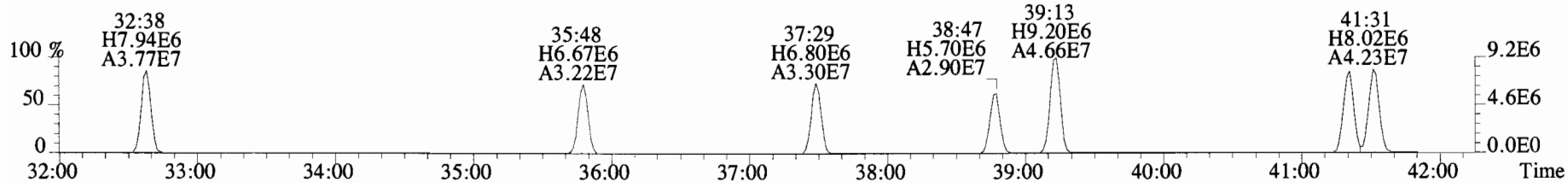
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1840.0,0.00%,F,F)



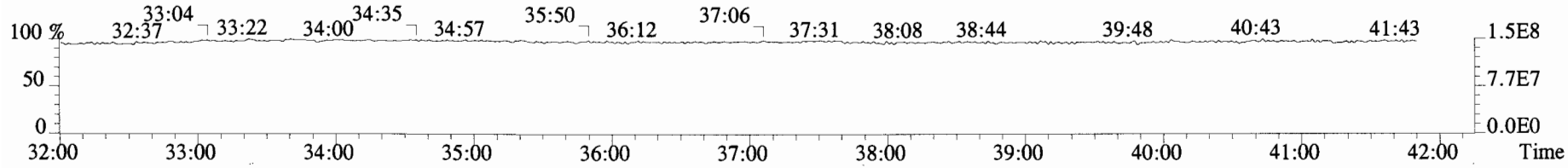
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5424.0,0.00%,F,F)



339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4844.0,0.00%,F,F)

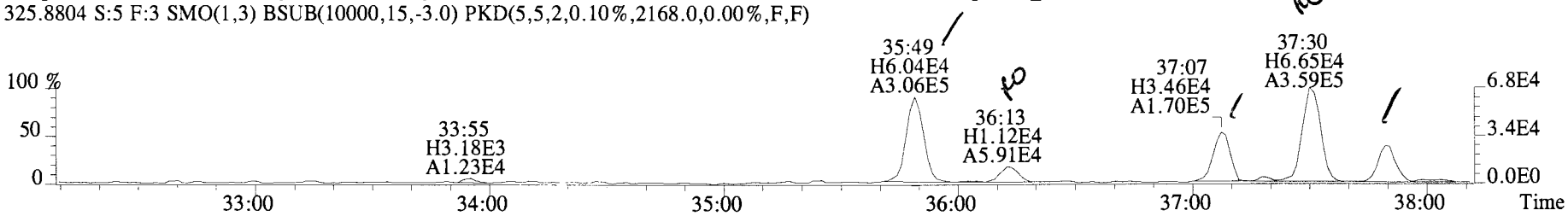


330.9792 S:5 F:3

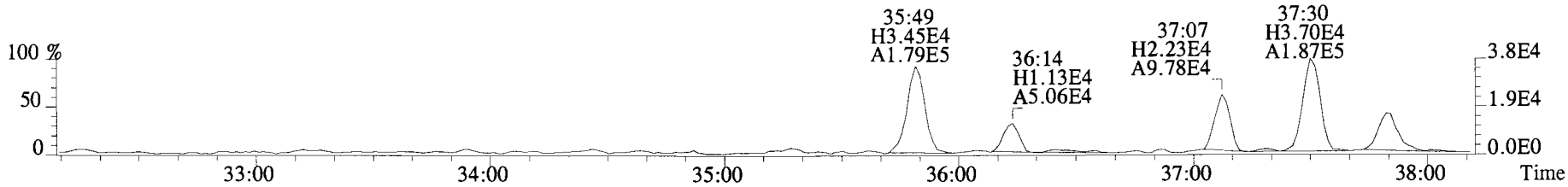


File:180315E1 #1-756 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1

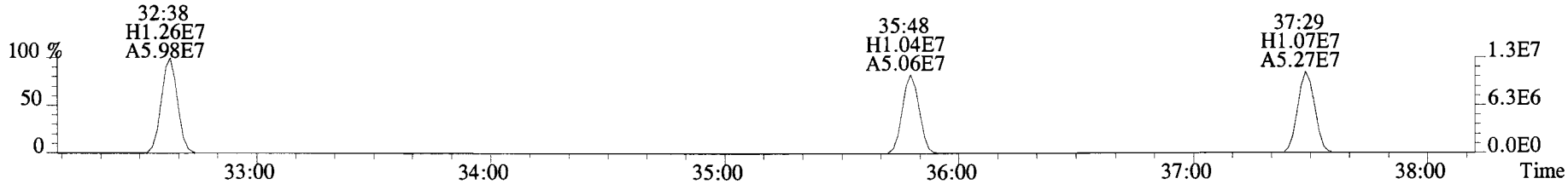
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2168.0,0.00%,F,F)



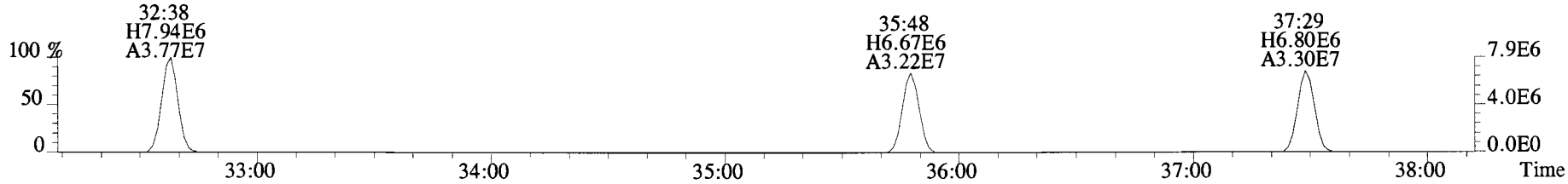
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1840.0,0.00%,F,F)



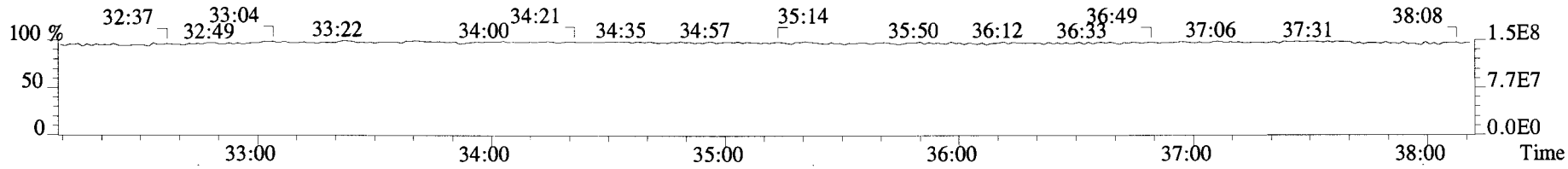
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5424.0,0.00%,F,F)



339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4844.0,0.00%,F,F)

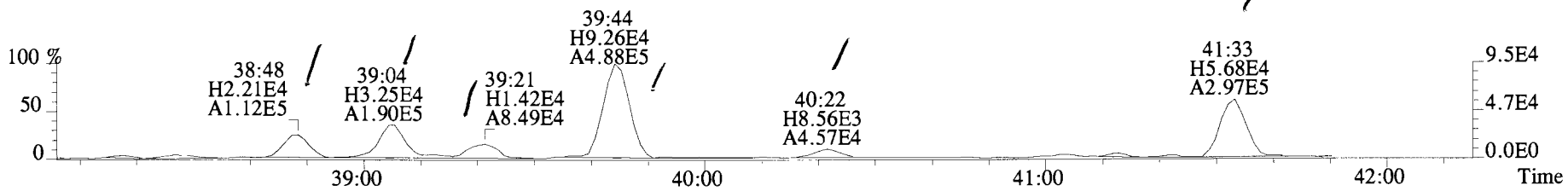


330.9792 S:5 F:3

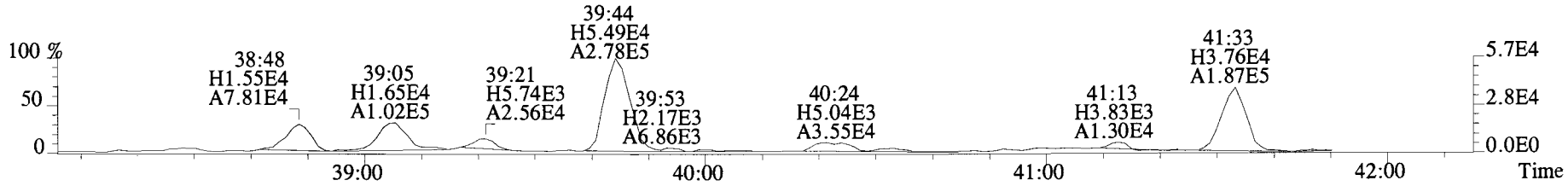


File:180315E1 #1-756 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1

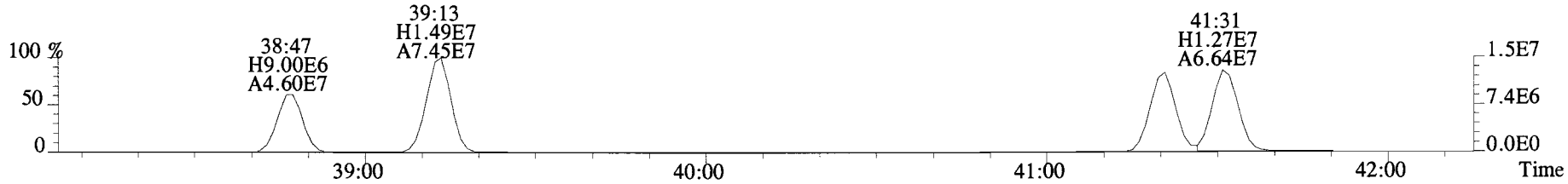
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2168.0,0.00%,F,F)



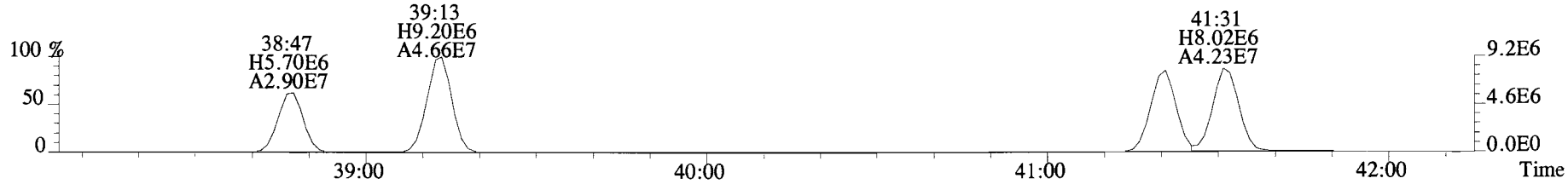
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1840.0,0.00%,F,F)



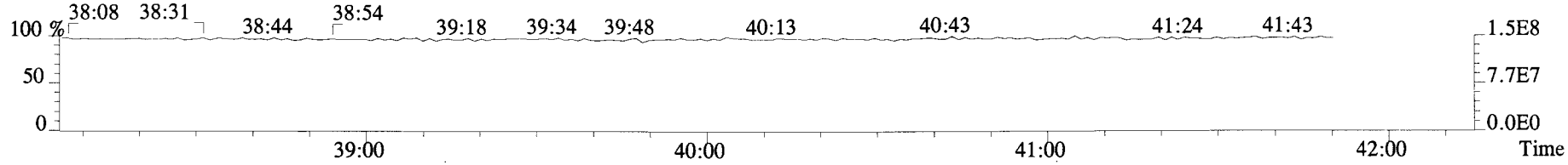
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5424.0,0.00%,F,F)



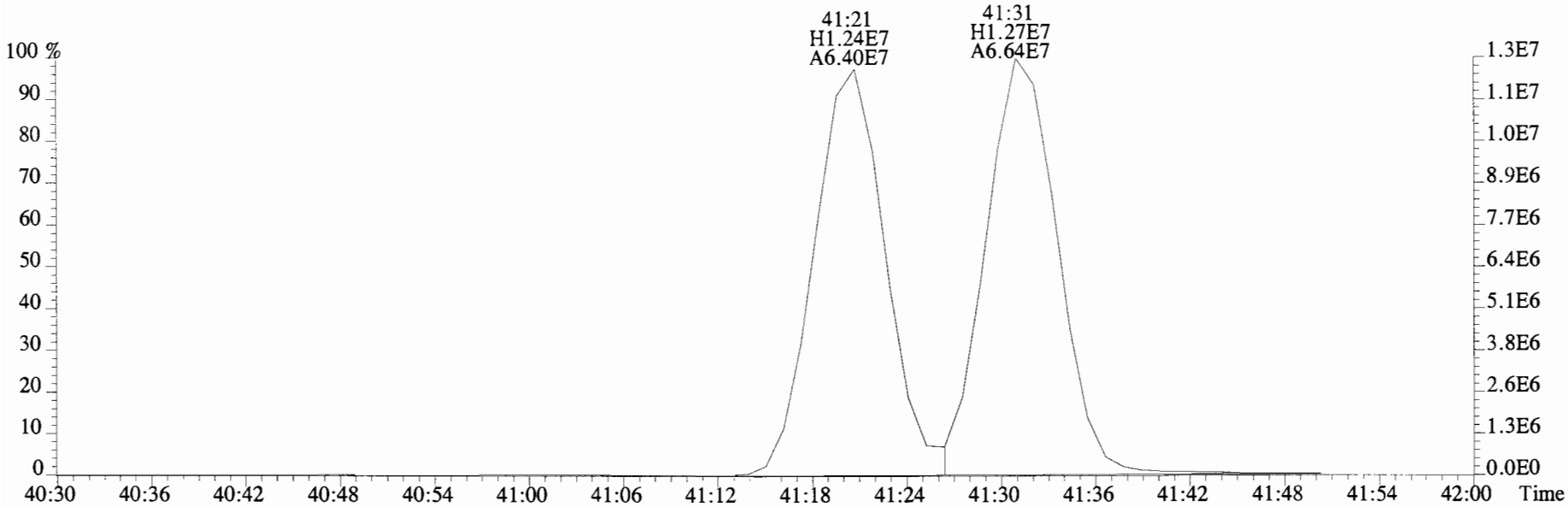
339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4844.0,0.00%,F,F)



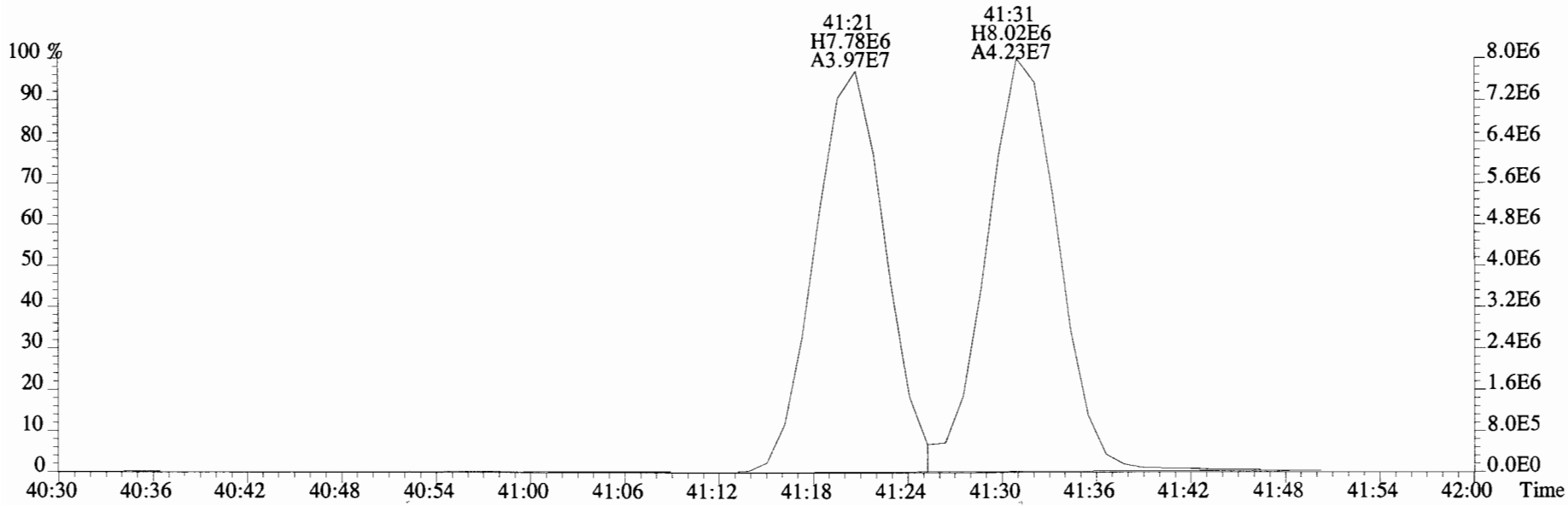
330.9792 S:5 F:3



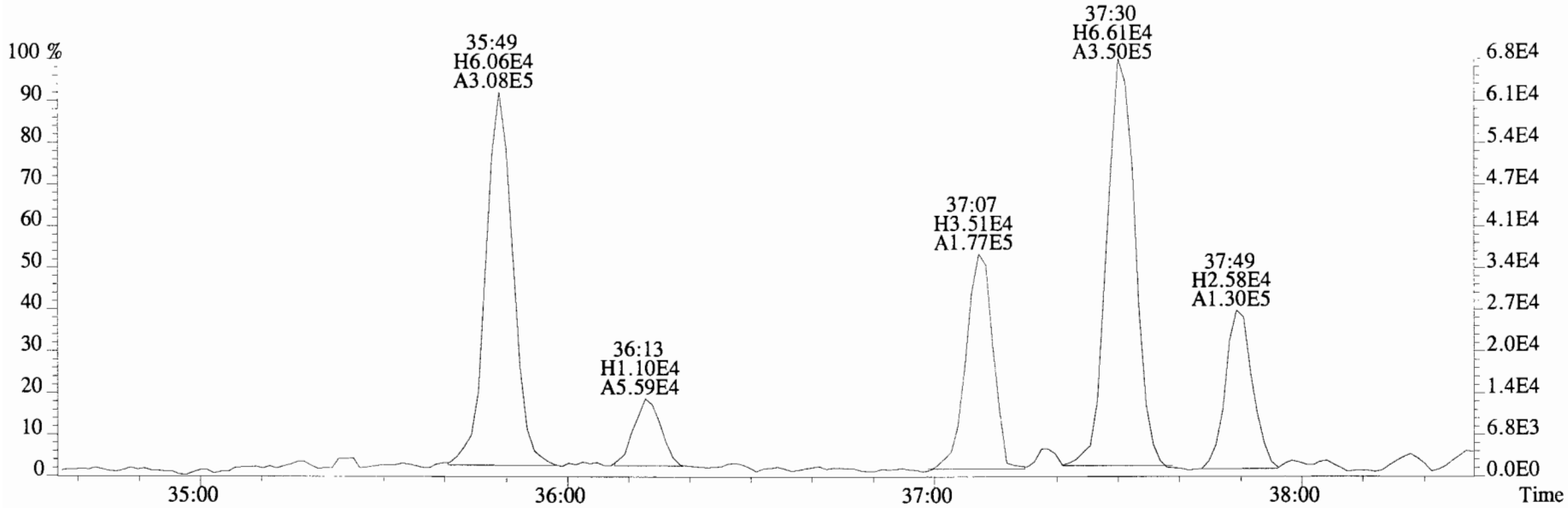
File:180315E1 #1-756 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5424.0,0.00%,F,F)



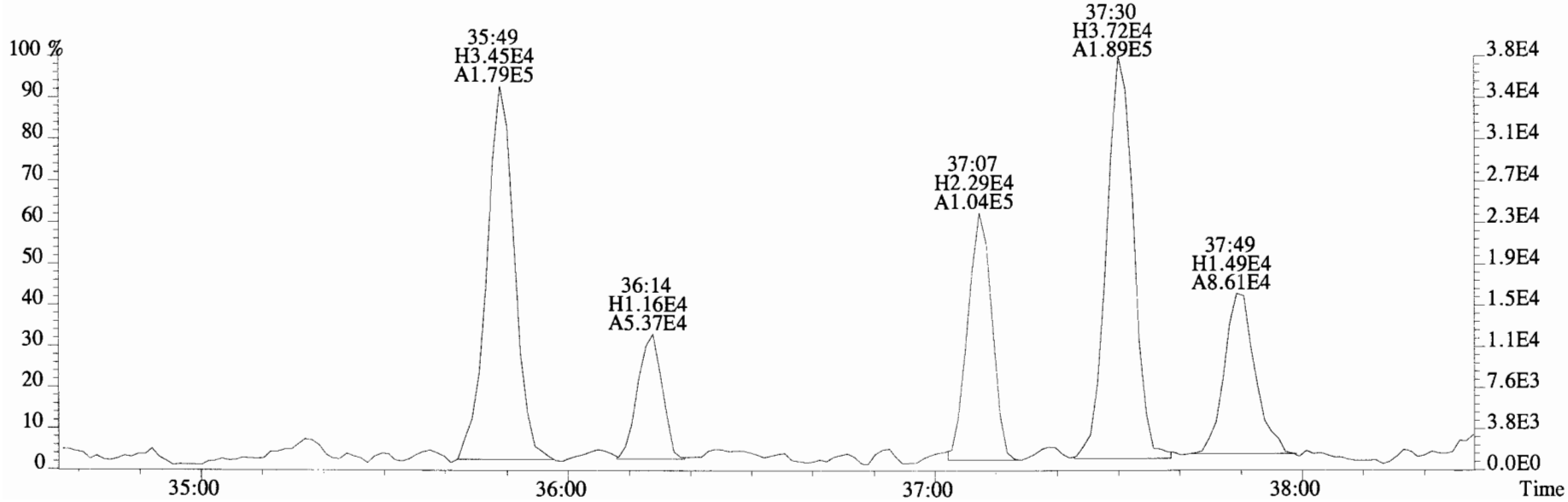
339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4844.0,0.00%,F,F)



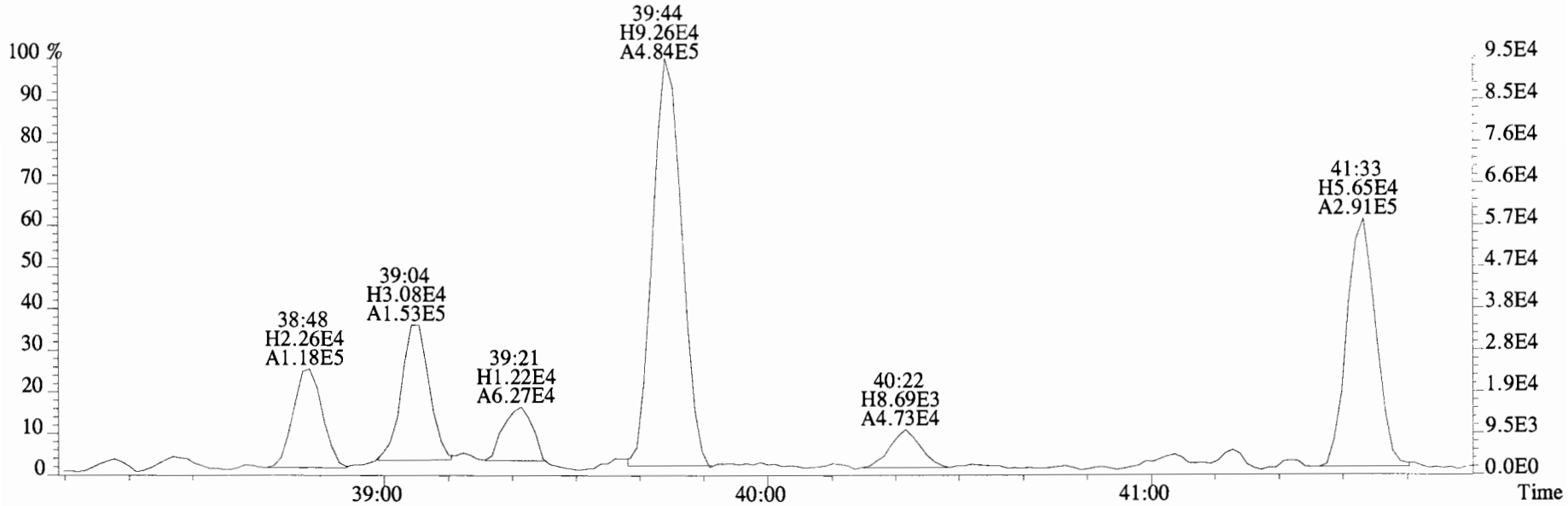
File:180315E1 #1-756 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2168.0,0.00%,F,F)



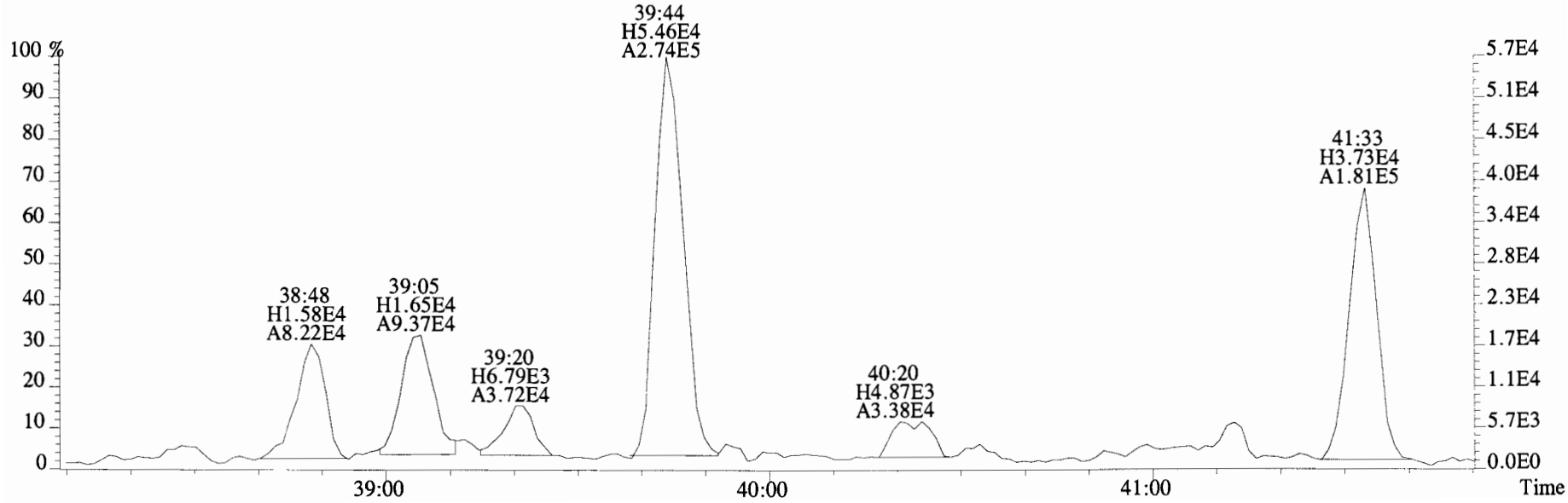
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1840.0,0.00%,F,F)



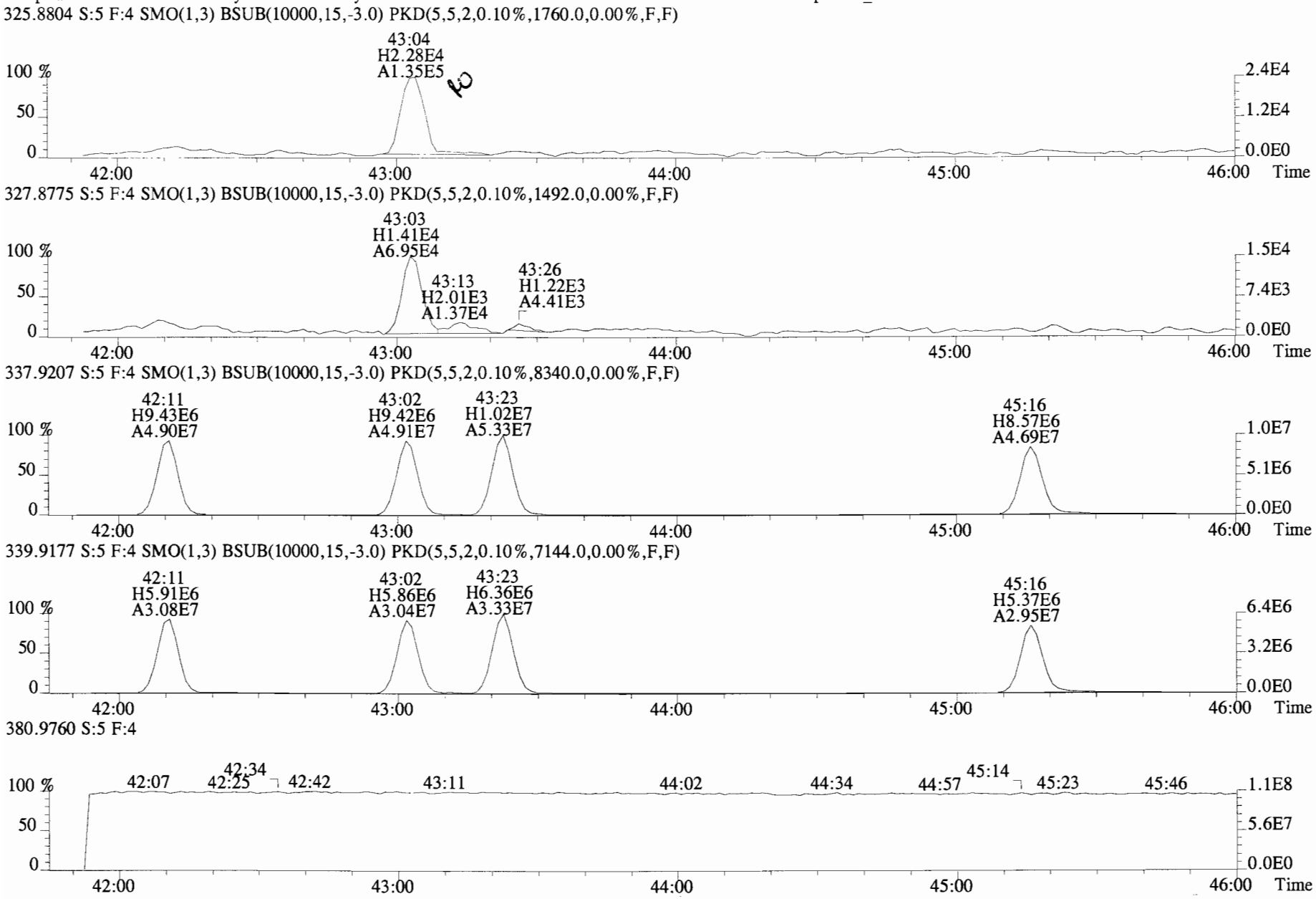
File:180315E1 #1-756 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2168.0,0.00%,F,F)



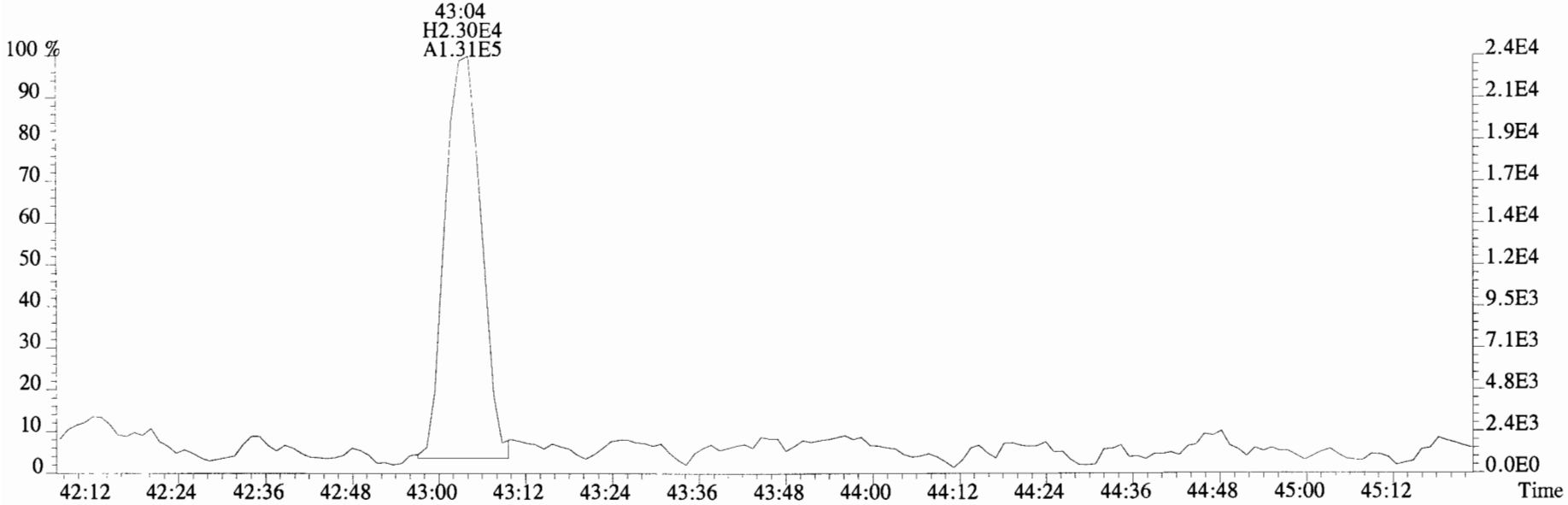
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1840.0,0.00%,F,F)



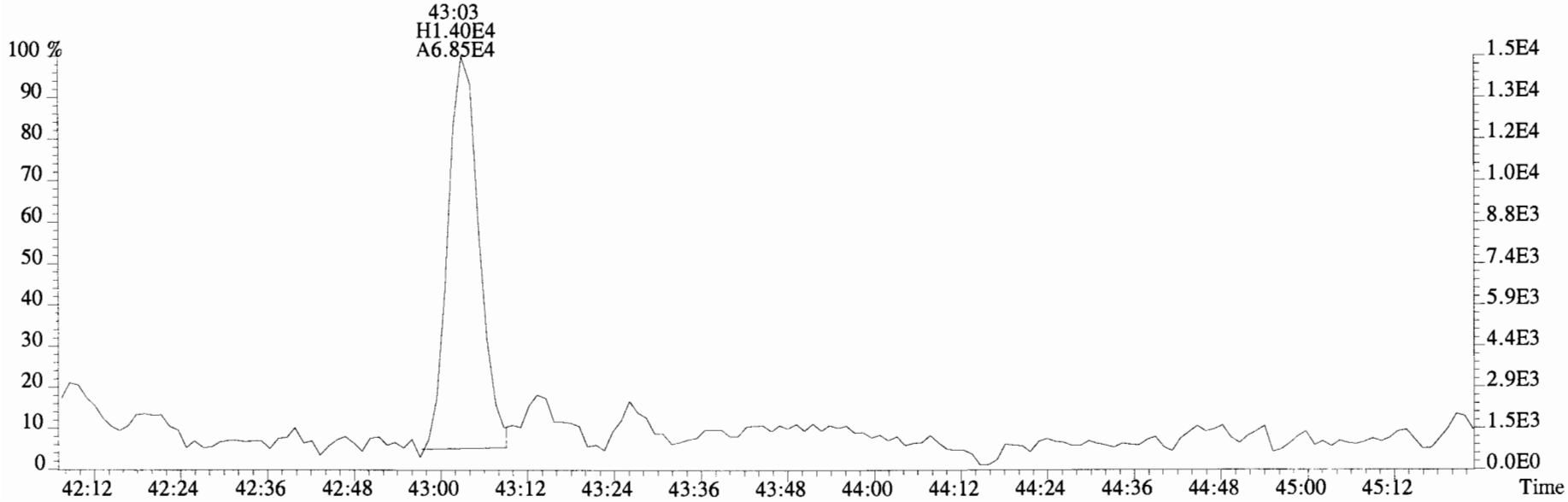
File:180315E1 #1-574 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1



File:180315E1 #1-574 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1
325.8804 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1760.0,0.00%,F,F)

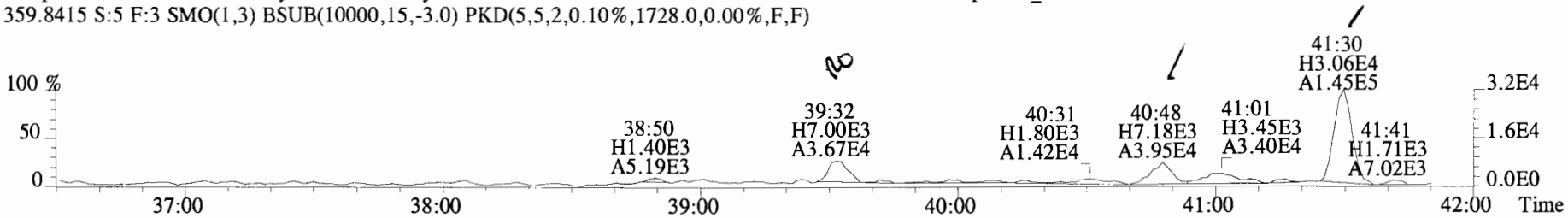


327.8775 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1492.0,0.00%,F,F)

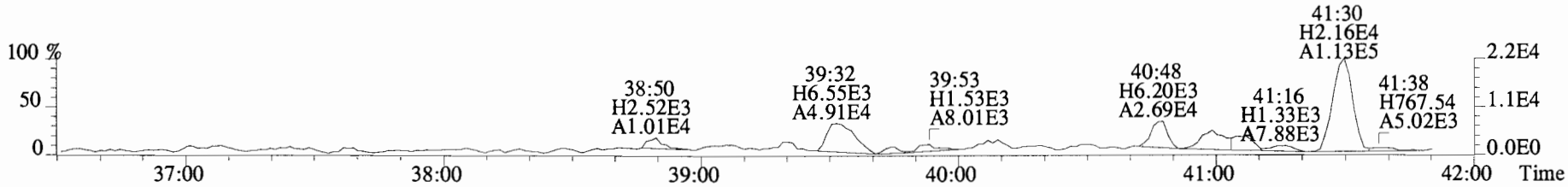


File:180315E1 #1-756 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1

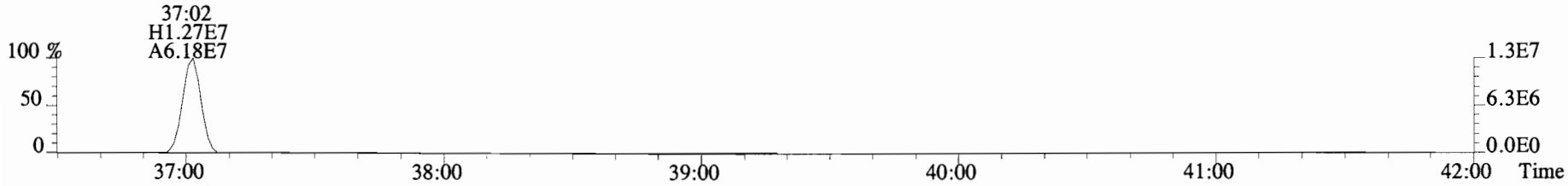
359.8415 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1728.0,0.00%,F,F)



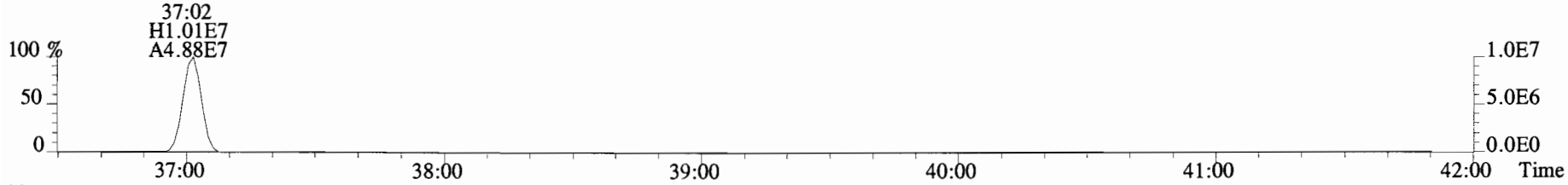
361.8385 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1732.0,0.00%,F,F)



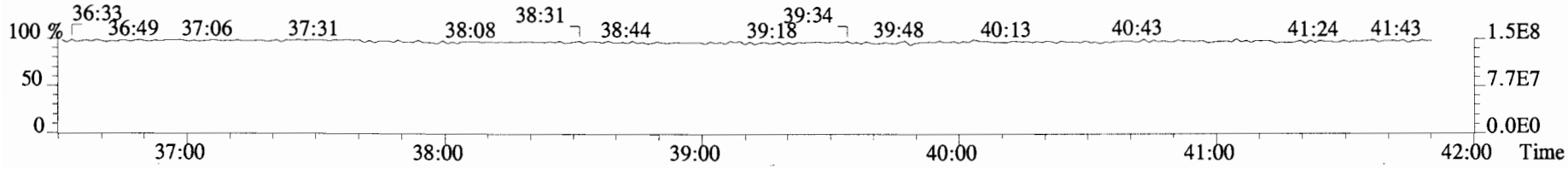
371.8817 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2528.0,0.00%,F,F)



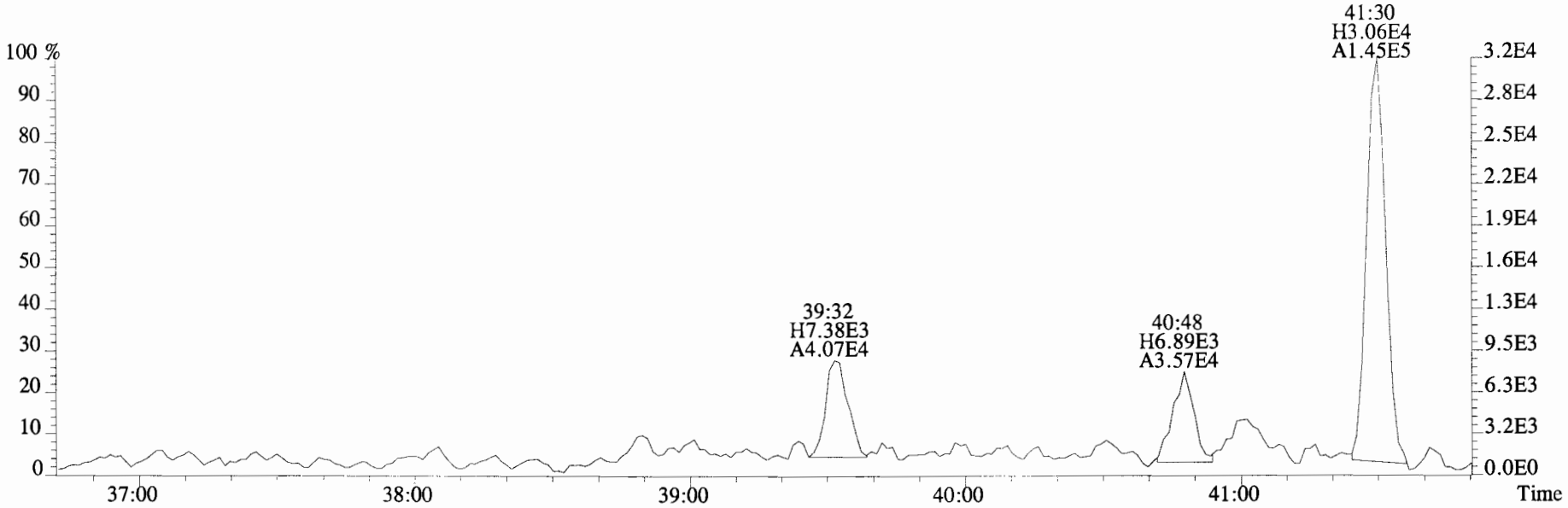
373.8788 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3136.0,0.00%,F,F)



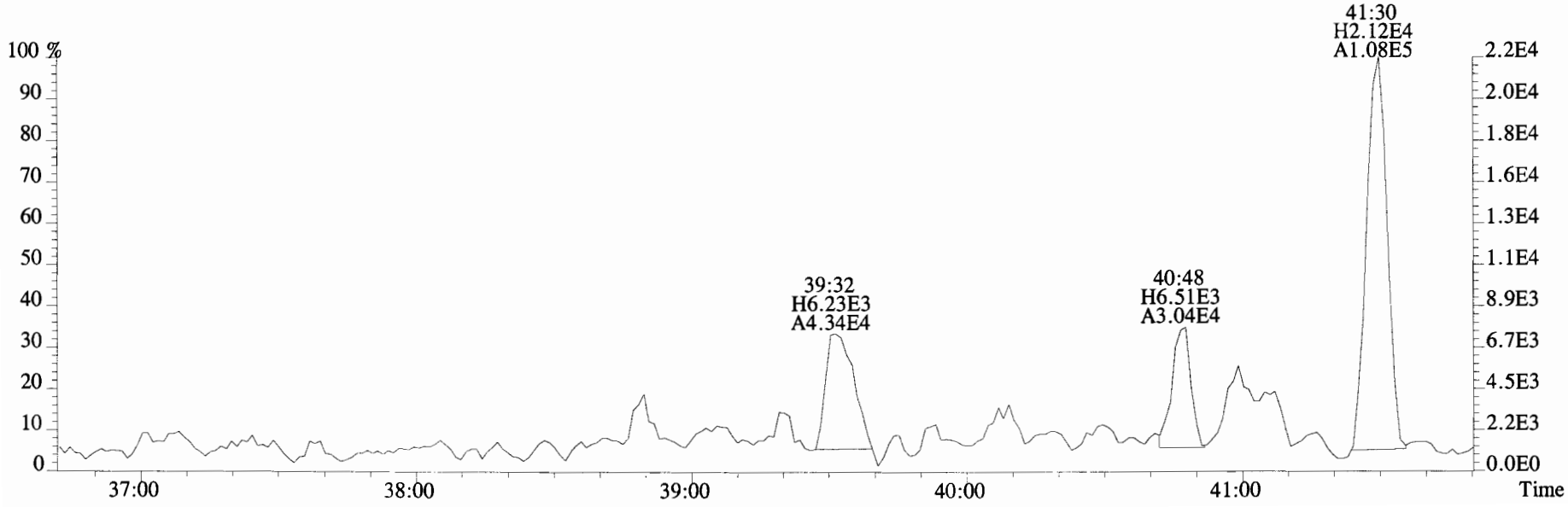
330.9792 S:5 F:3



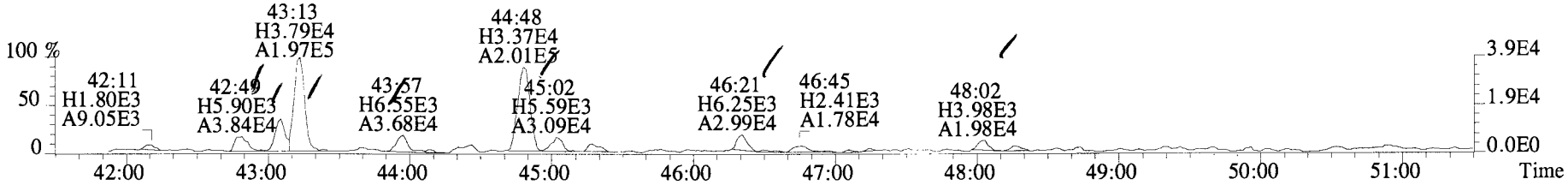
File:180315E1 #1-756 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1
359.8415 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1728.0,0.00%,F,F)



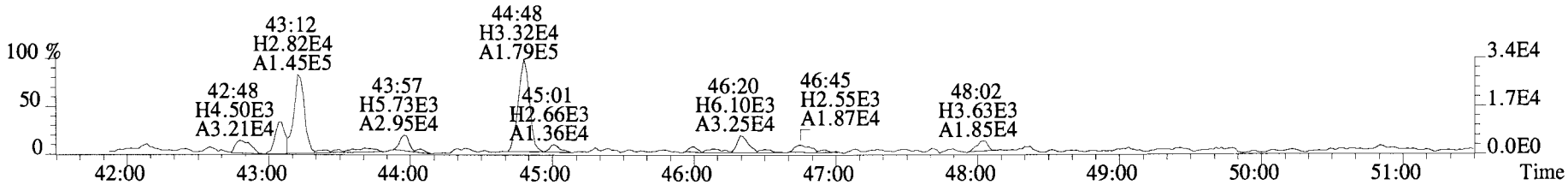
361.8385 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1732.0,0.00%,F,F)



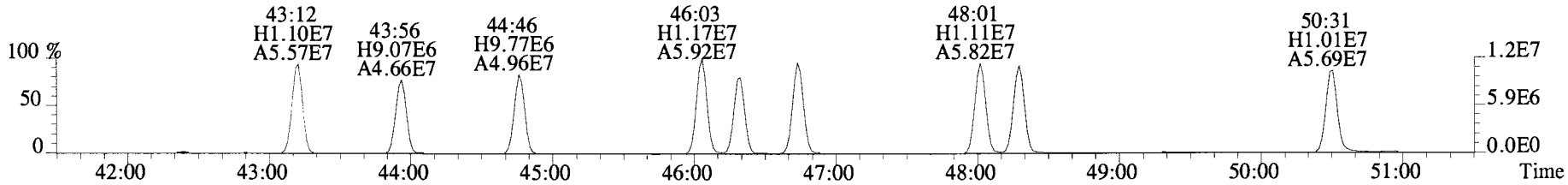
File:180315E1 #1-574 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1
359.8415 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1696.0,0.00%,F,F)



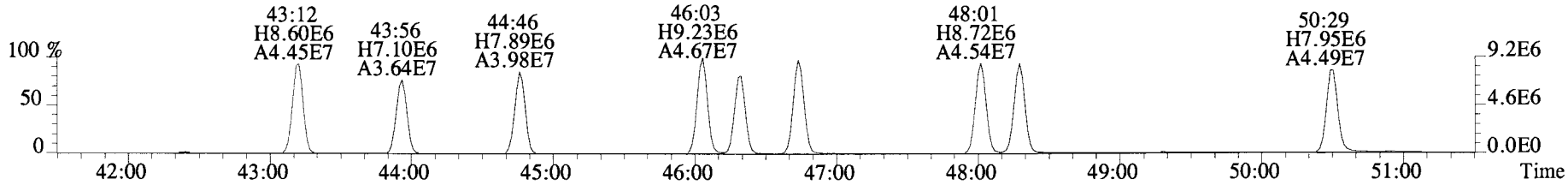
361.8385 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1848.0,0.00%,F,F)



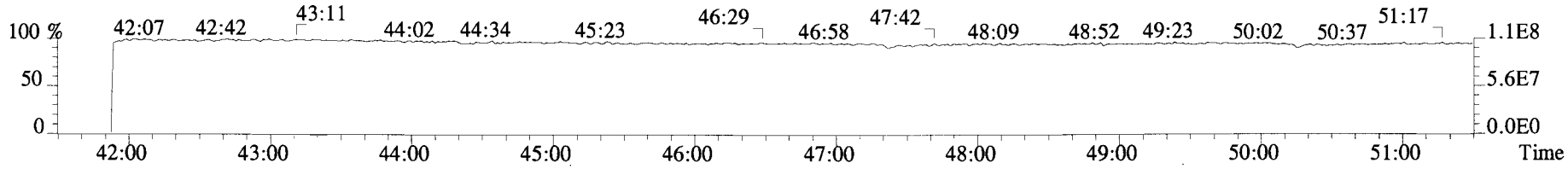
371.8817 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16120.0,0.00%,F,F)



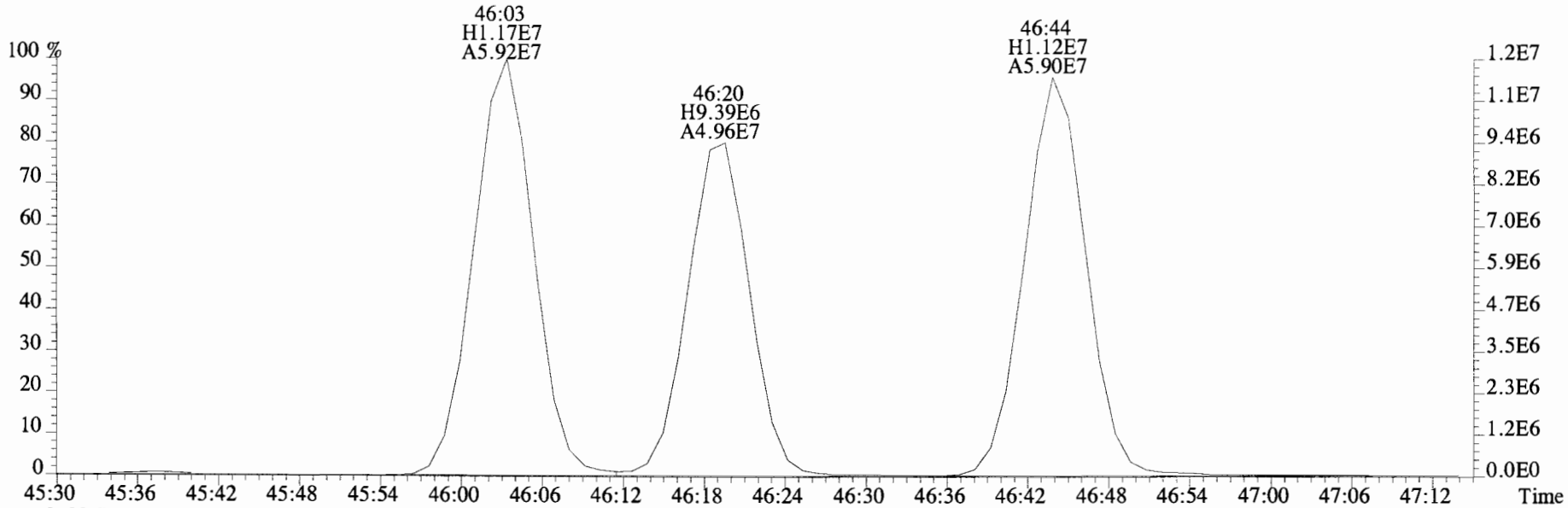
373.8788 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12536.0,0.00%,F,F)



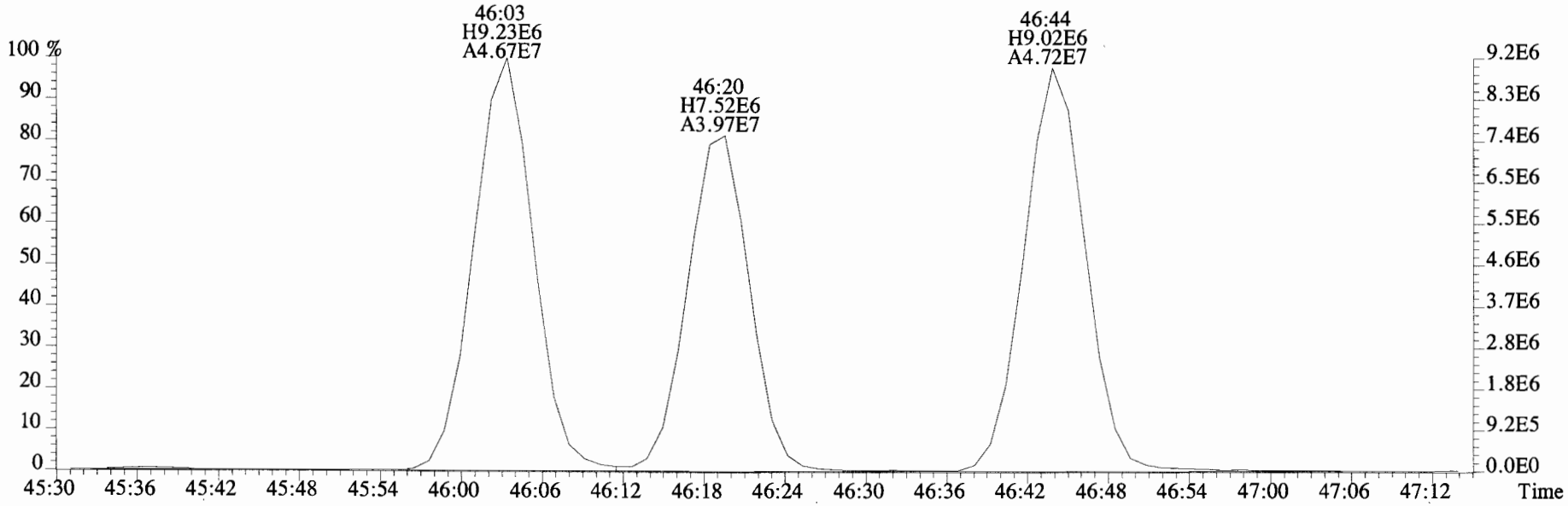
380.9760 S:5 F:4



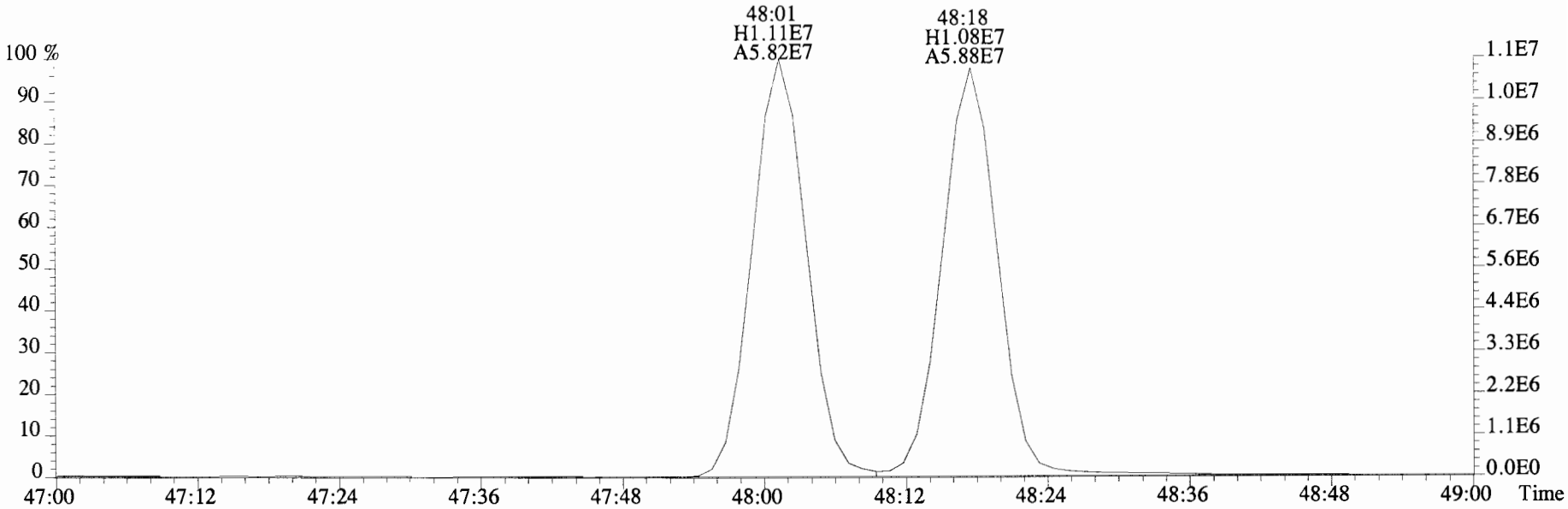
File:180315E1 #1-574 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1
371.8817 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16120.0,0.00%,F,F)



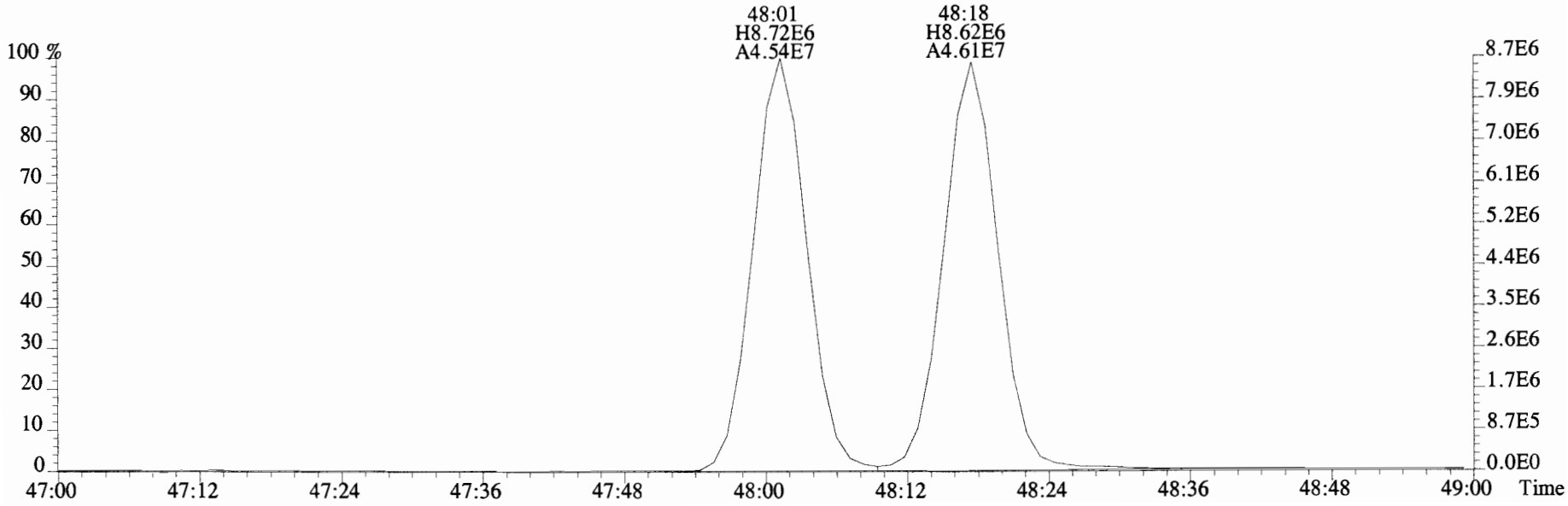
373.8788 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12536.0,0.00%,F,F)



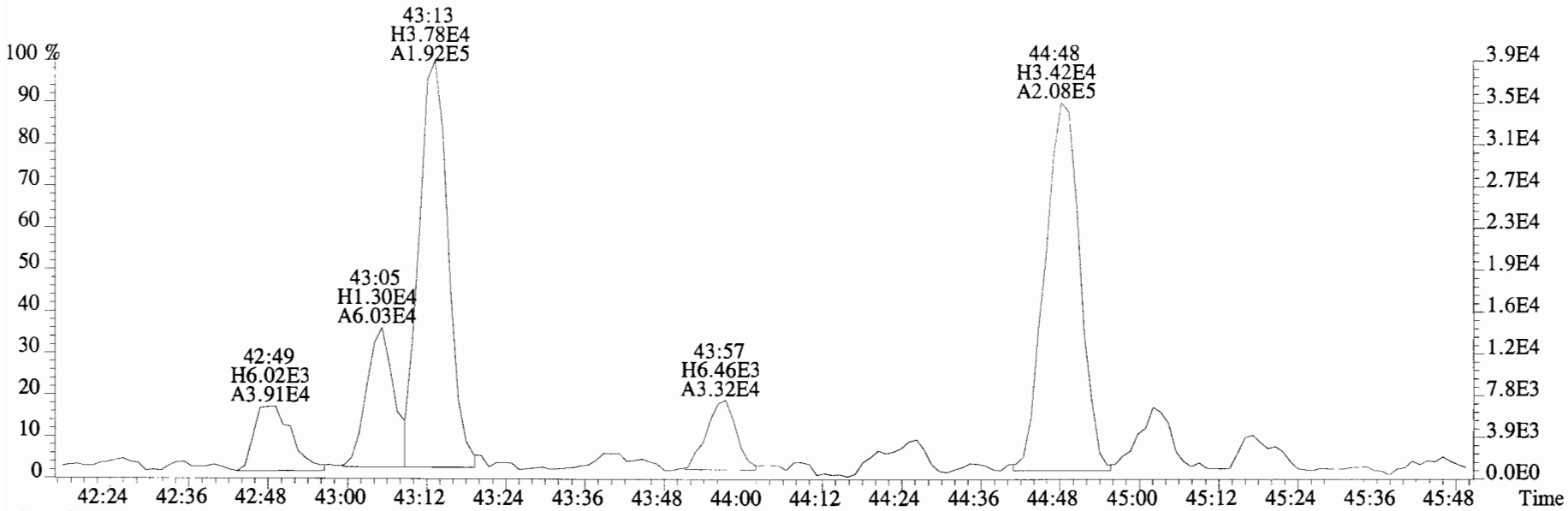
File:180315E1 #1-574 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1
371.8817 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16120.0,0.00%,F,F)



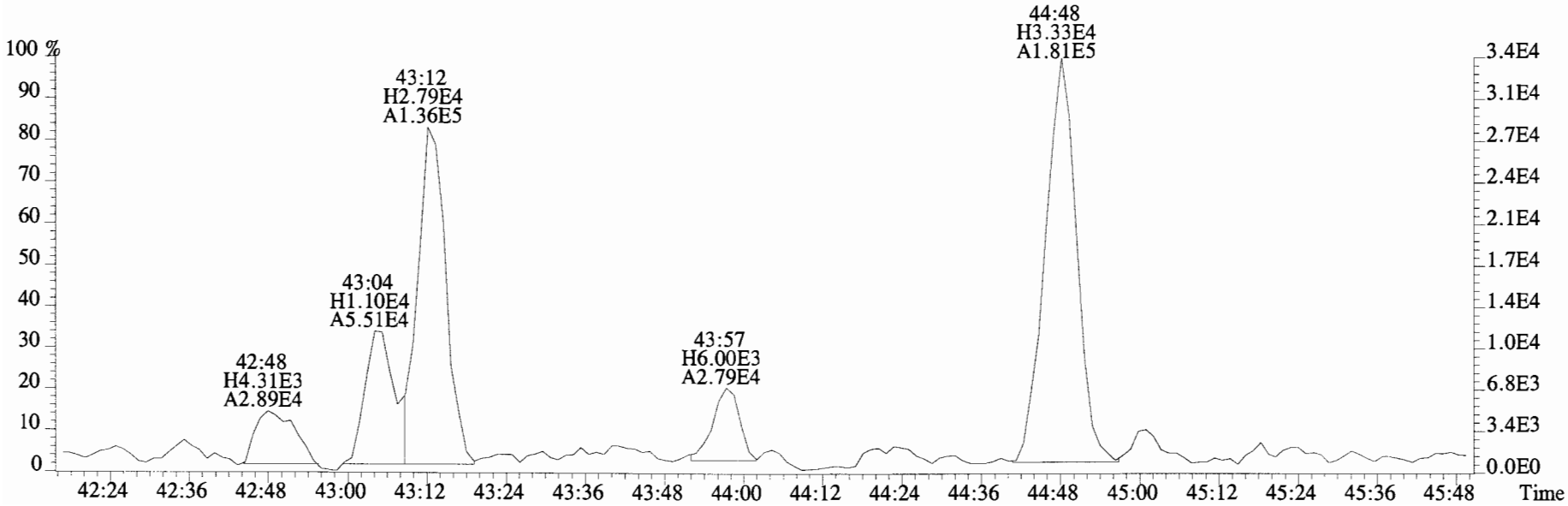
373.8788 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12536.0,0.00%,F,F)



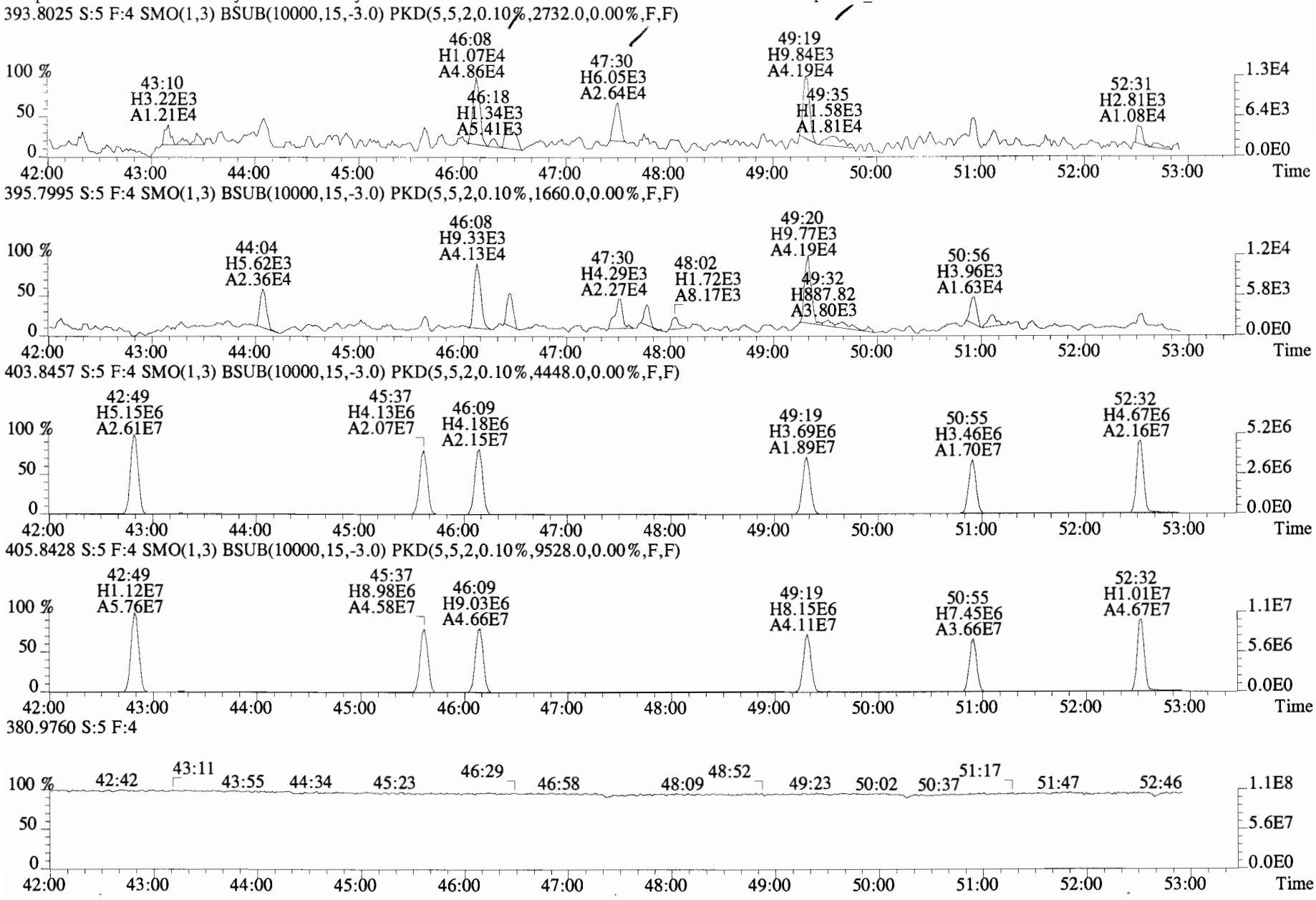
File:180315E1 #1-574 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1
359.8415 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1696.0,0.00%,F,F)



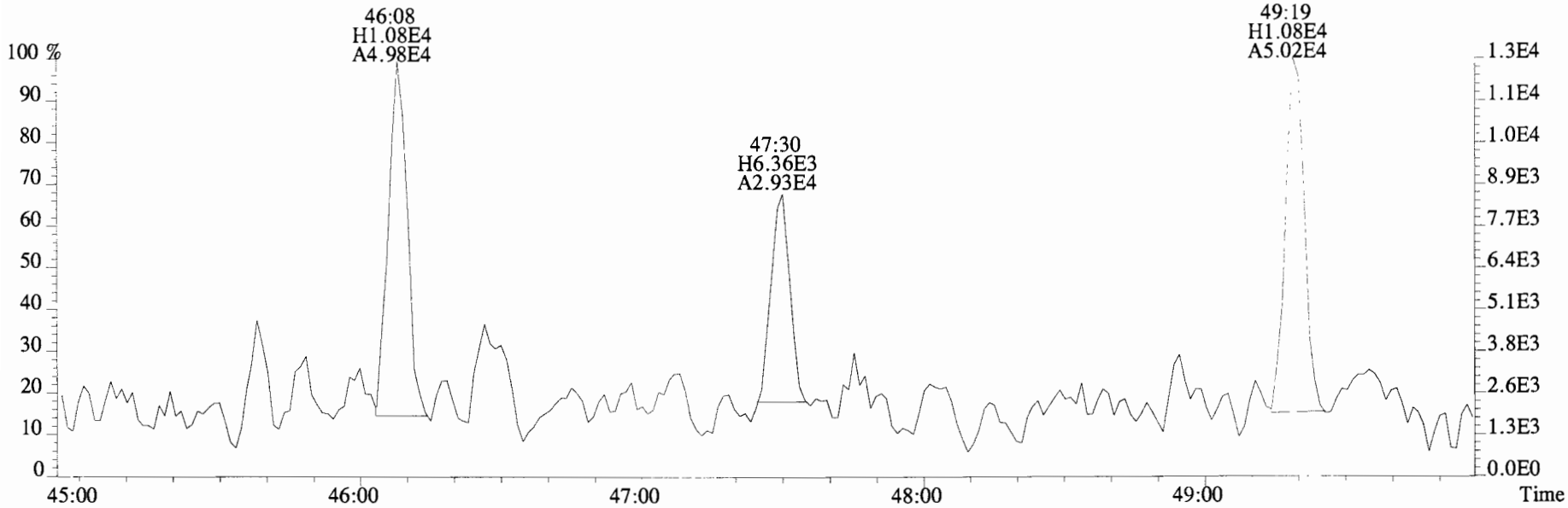
361.8385 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1848.0,0.00%,F,F)



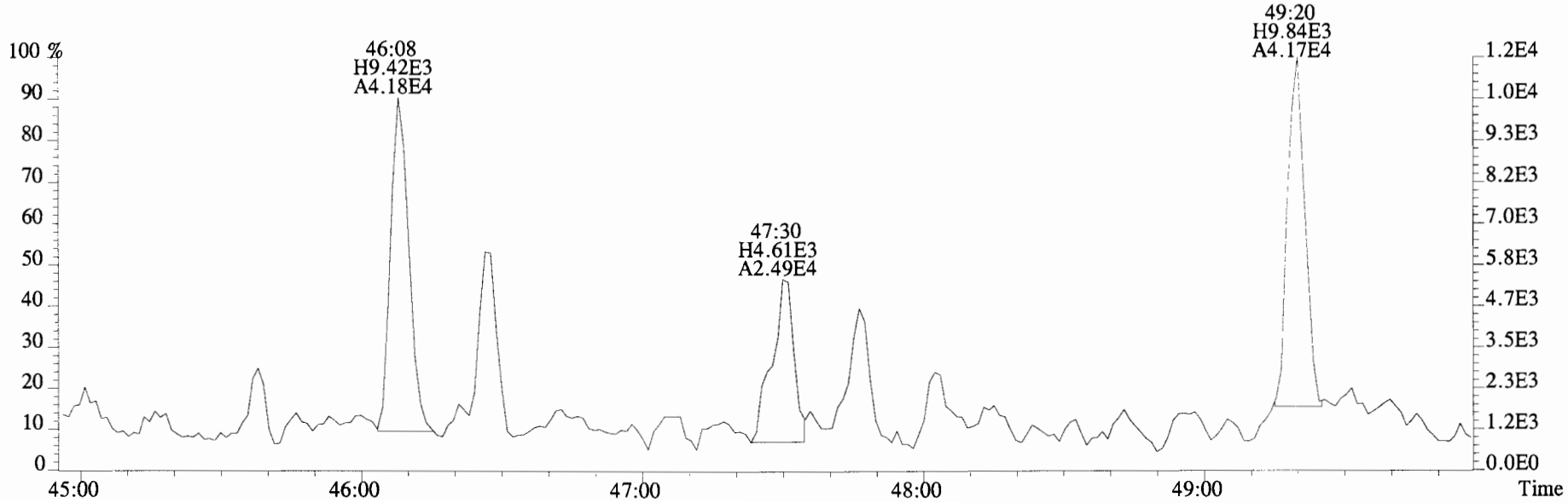
File:180315E1 #1-574 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1



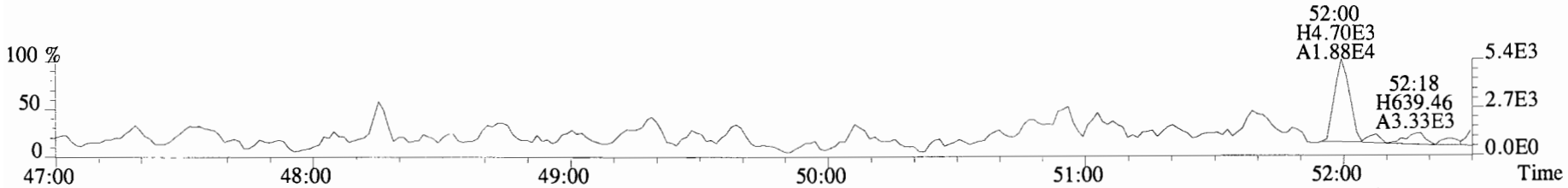
File:180315E1 #1-574 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1
393.8025 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2732.0,0.00%,F,F)



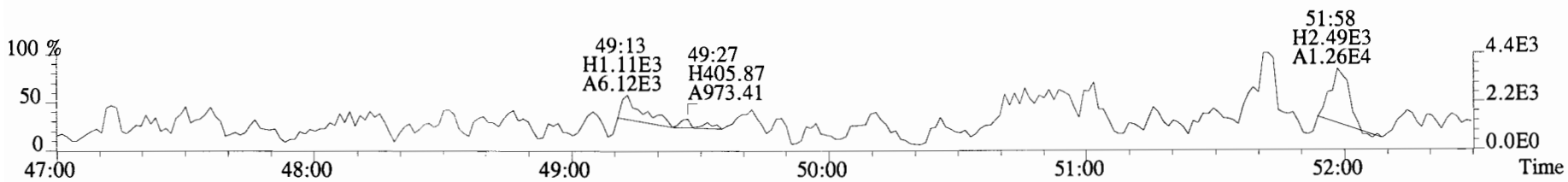
395.7995 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1660.0,0.00%,F,F)



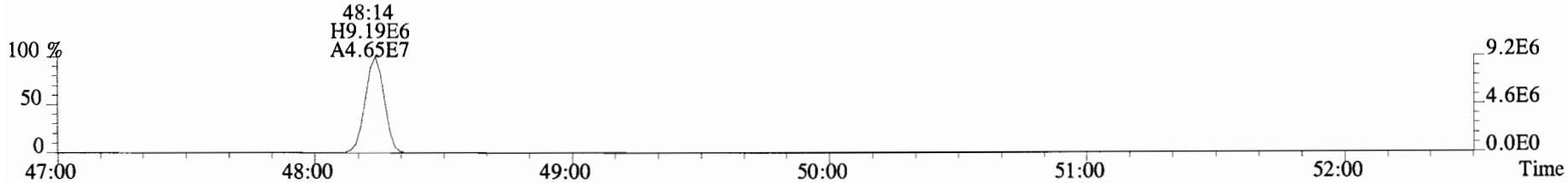
File:180315E1 #1-574 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1
427.7635 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1444.0,0.00%,F,F)



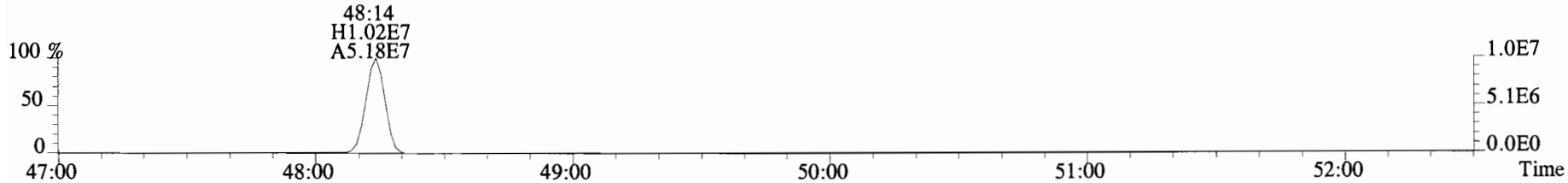
429.7606 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1568.0,0.00%,F,F)



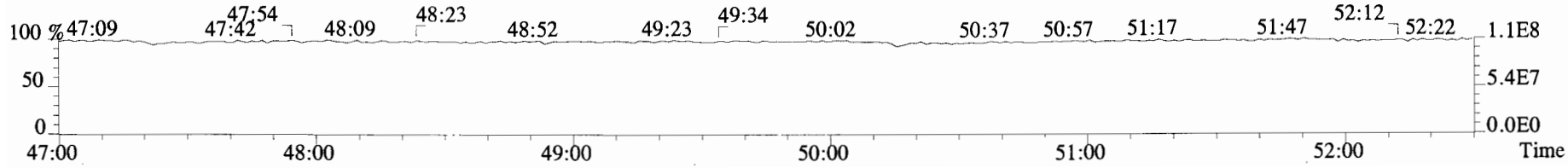
439.8038 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1456.0,0.00%,F,F)



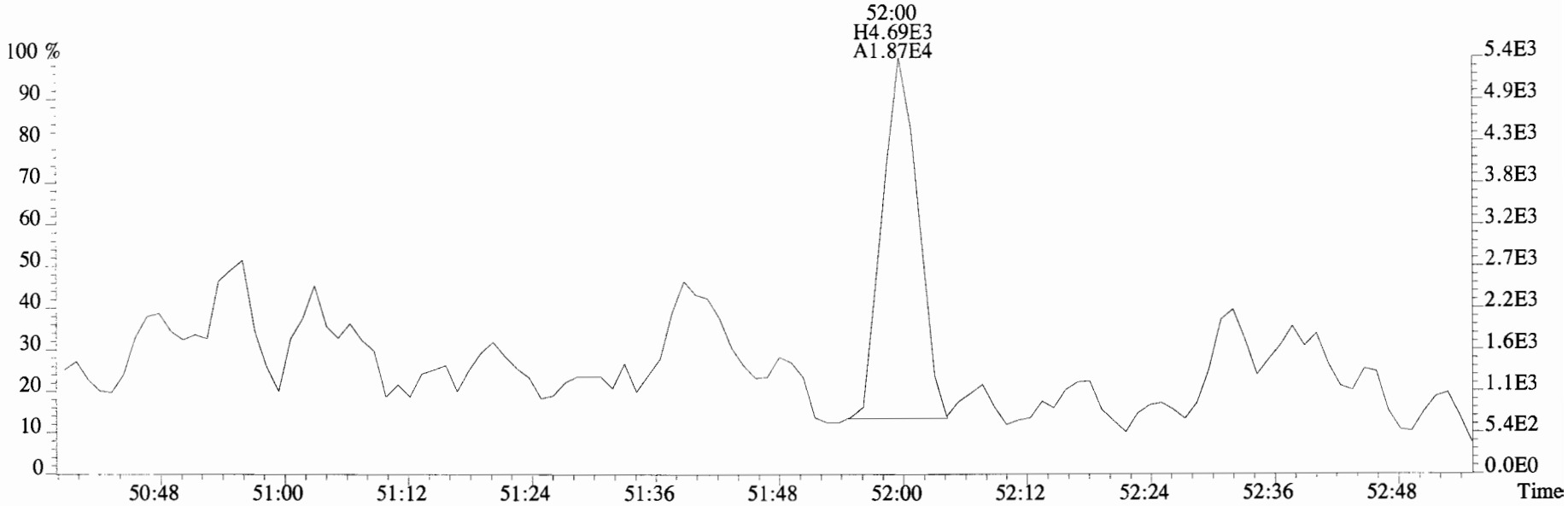
441.8008 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1688.0,0.00%,F,F)



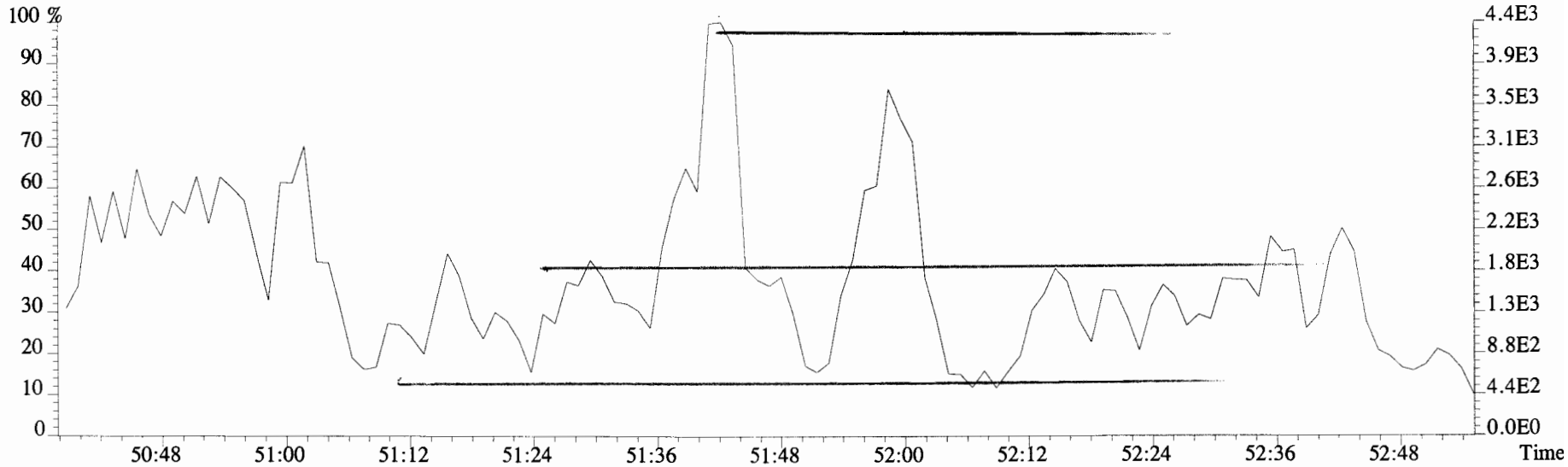
380.9760 S:5 F:4



File:180315E1 #1-574 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1
427.7635 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1444.0,0.00%,F,F)

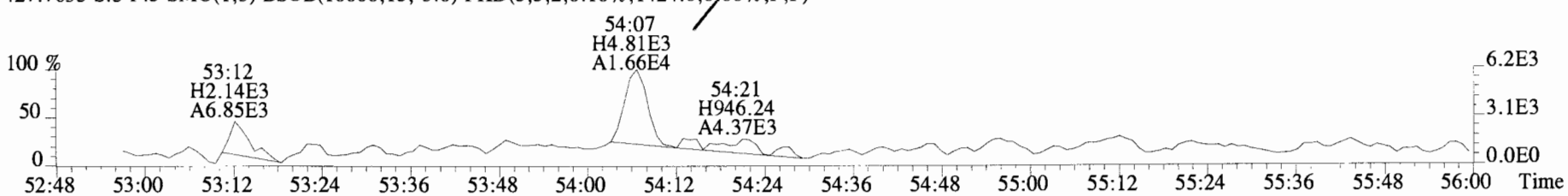


429.7606 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1568.0,0.00%,F,F)

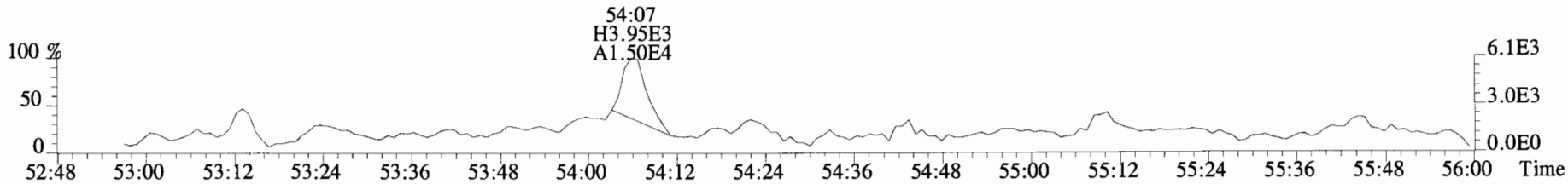


File:180315E1 #1-407 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1

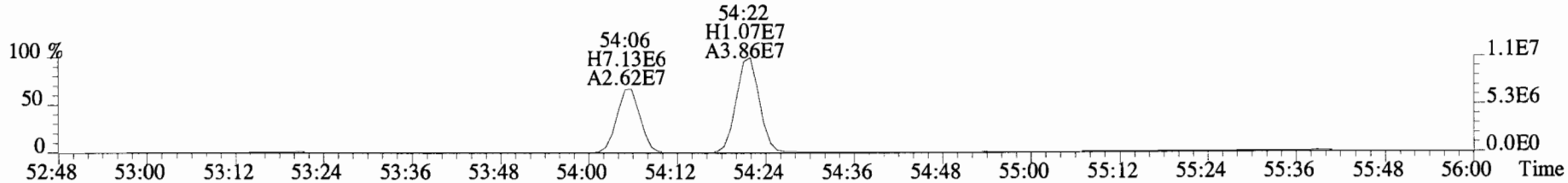
427.7635 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1424.0,0.00%,F,F)



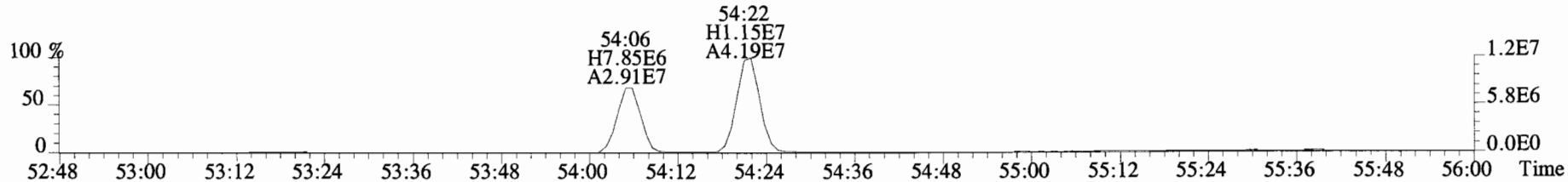
429.7606 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1576.0,0.00%,F,F)



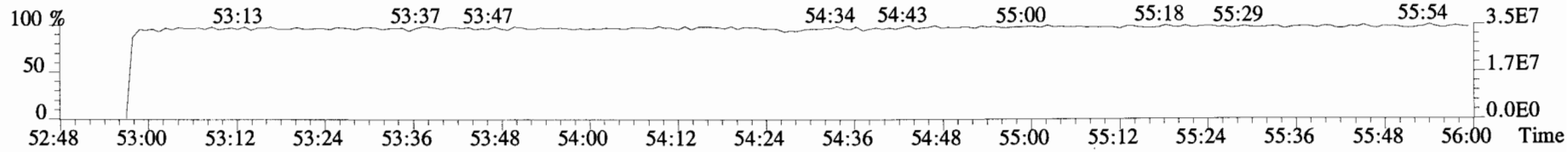
439.8038 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3696.0,0.00%,F,F)



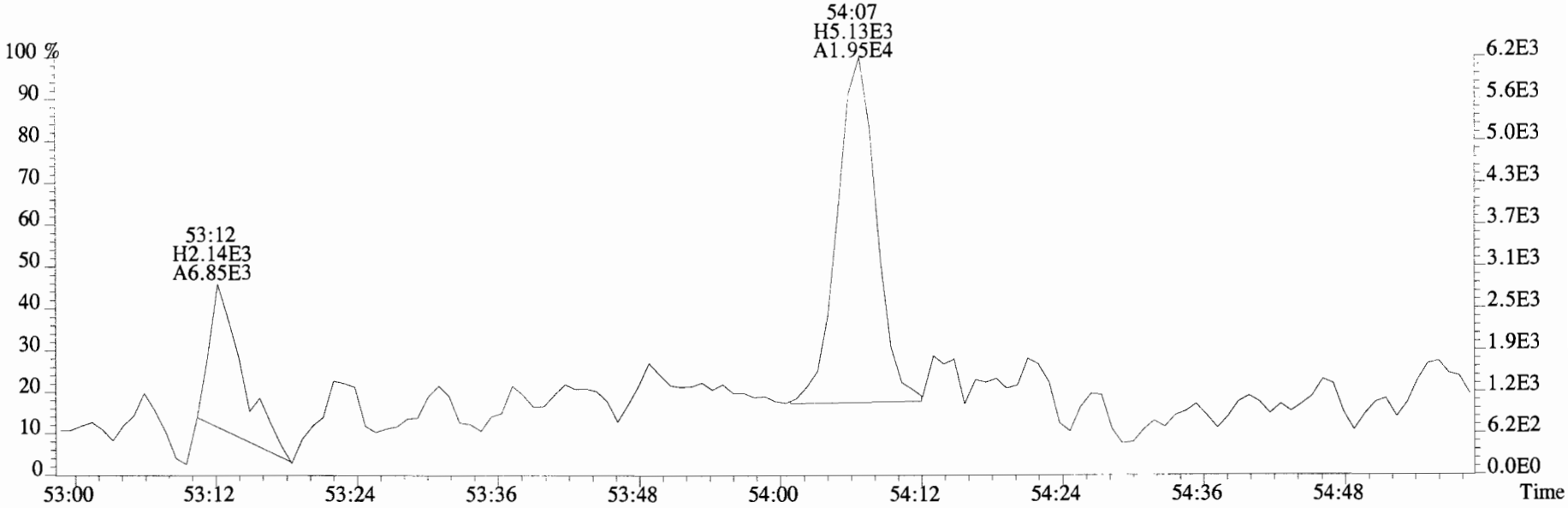
441.8008 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3960.0,0.00%,F,F)



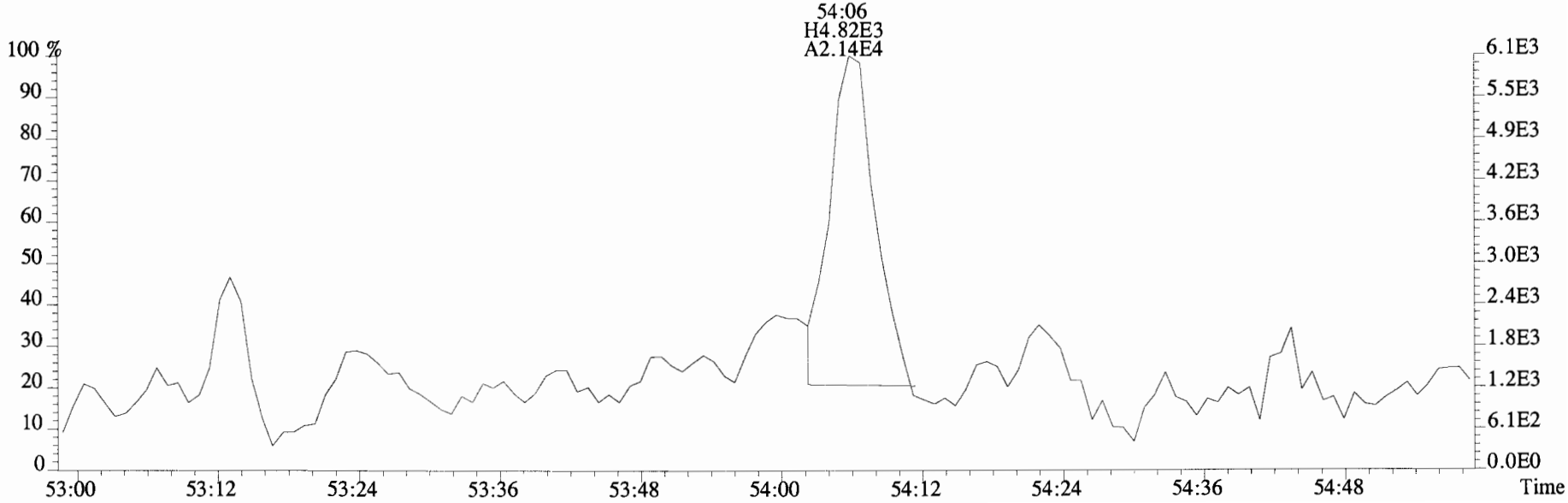
492.9697 S:5 F:5



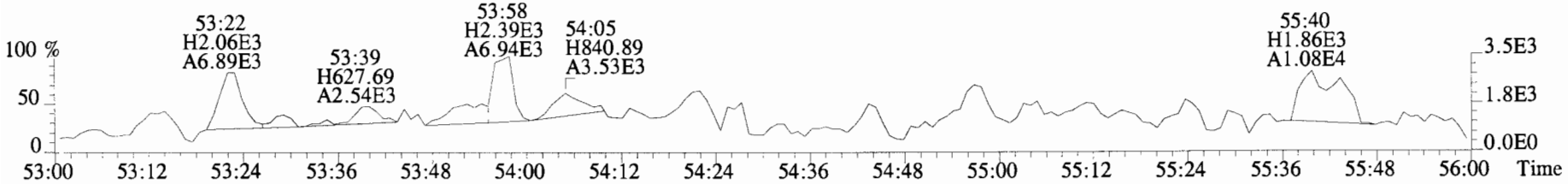
File:180315E1 #1-407 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1
427.7635 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1424.0,0.00%,F,F)



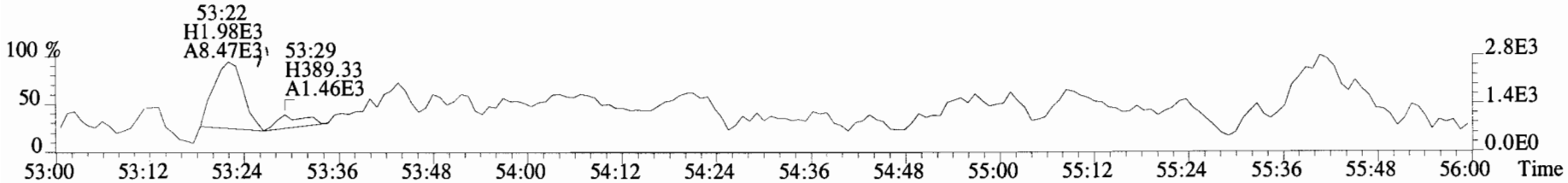
429.7606 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1576.0,0.00%,F,F)



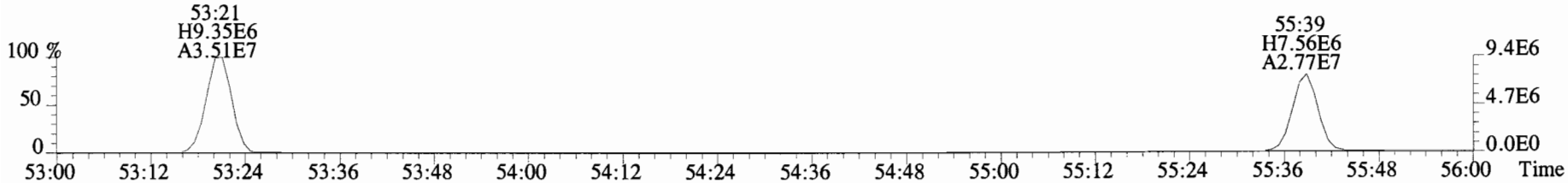
File:180315E1 #1-407 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1
463.7216 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1588.0,0.00%,F,F)



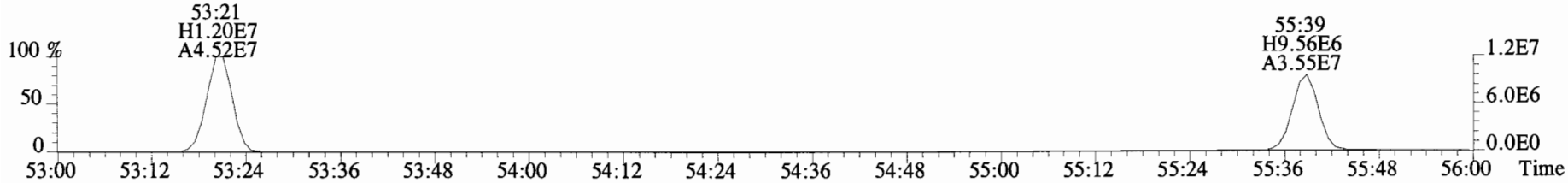
465.7186 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1612.0,0.00%,F,F)



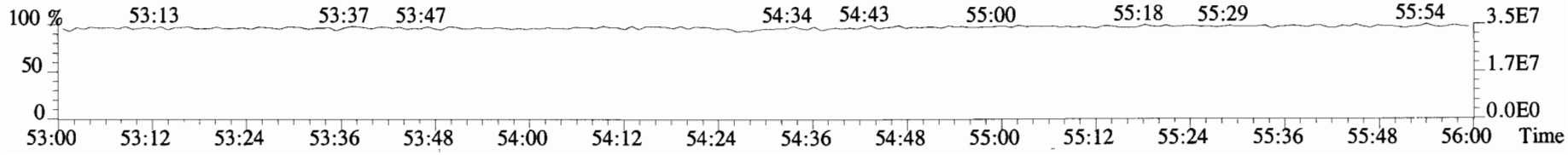
473.7648 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10504.0,0.00%,F,F)



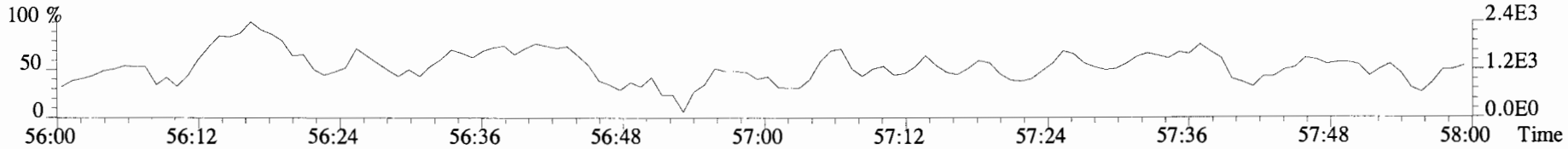
475.7619 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16200.0,0.00%,F,F)



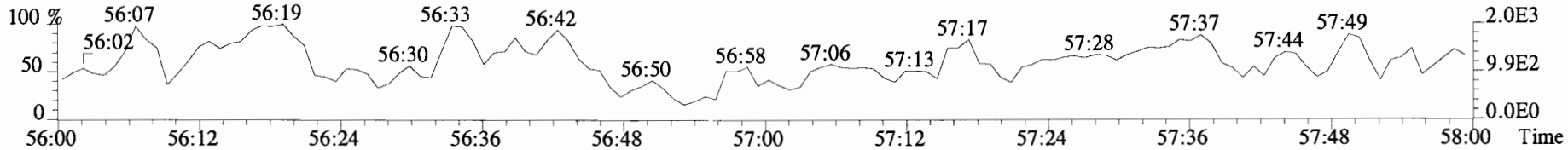
492.9697 S:5 F:5



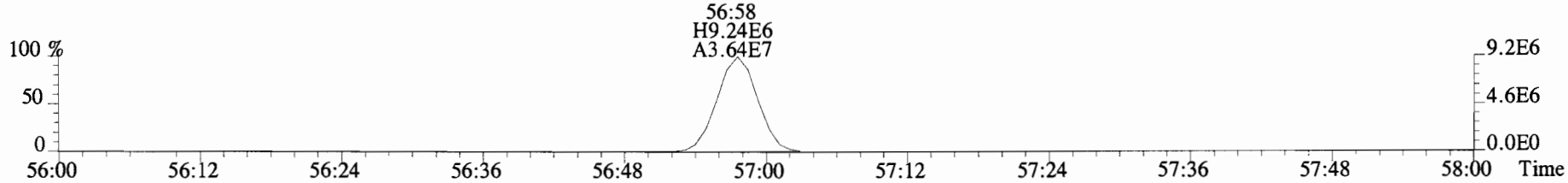
File:180315E1 #1-407 Acq:15-MAR-2018 13:49:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701075-01 OWS-BAFA-T170815151905 1 Exp:PCB_ZB1
497.6826 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1532.0,0.00%,F,F)



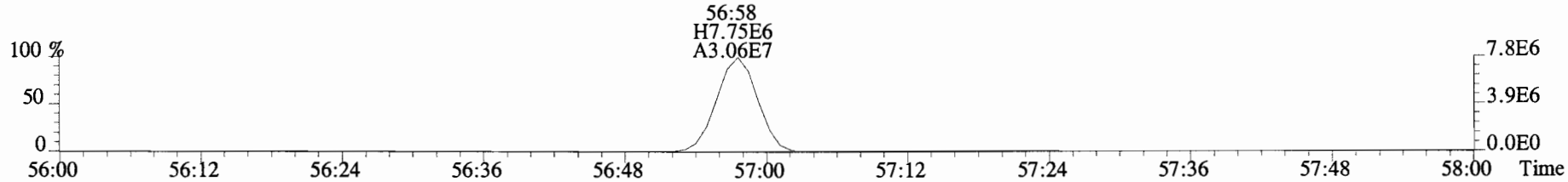
499.6797 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1488.0,0.00%,F,F)



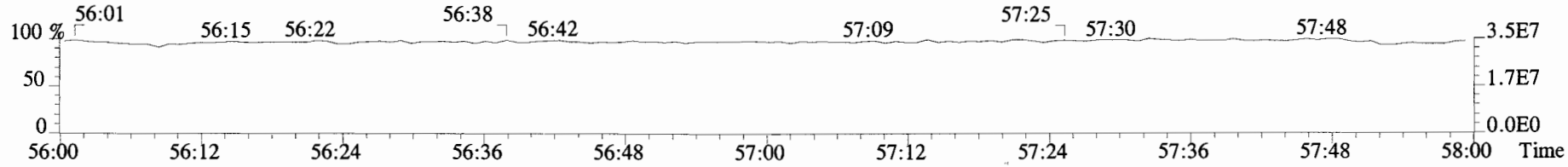
509.7229 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1508.0,0.00%,F,F)



511.7199 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1728.0,0.00%,F,F)



492.9697 S:5 F:5



Client ID: OWS-LHAL-T170816141854 Filename: 180315E1 S:6 Acq:15-MAR-18 14:54:55 ConCal: ST180315E1-1
Lab ID: 1701075-02 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.055/ EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Mono	PCB-1	1.71e+06	2.96	y 16:01	1.07	44.31		*	2.5	*	1.001	0.996-1.006
Mono	PCB-2	4.85e+04	2.18	n 18:25	1.06	1.052	R	*	2.5	*	0.988	0.983-0.993
Mono	PCB-3	4.85e+05	2.79	y 18:39	1.06	10.49		*	2.5	*	1.001	0.996-1.006
Di	PCB-4/10	8.65e+07	1.58	y 20:01	1.24	2960		*	2.5	*	1.002	0.998-1.008
Di	PCB-7/9	*	*	n NotFn	0.99	*		16500	1.0	3.85	*	0.863-0.871
Di	PCB-6	5.53e+05	1.56	y 22:29	1.06	13.26		*	2.5	*	0.893	0.888-0.897
Di	PCB-5/8	1.96e+06	1.48	y 22:52	1.03	48.27		*	2.5	*	0.908	0.904-0.913
Di	PCB-14	*	*	n NotFn	1.03	*		2300	2.5	1.17	*	0.948-0.958
Di	PCB-11	5.14e+05	1.41	y 25:12	1.11	9.939		*	2.5	*	1.001	0.996-1.006
Di	PCB-12/13	7.00e+05	1.65	y 25:34	1.02	14.78		*	2.5	*	1.015	1.011-1.021
Di	PCB-15	7.87e+06	1.56	y 25:55	1.05	160.3		*	2.5	*	1.029	1.023-1.033
Tri	PCB-19	3.82e+07	1.03	y 24:10	1.20	923.2		*	2.5	*	1.000	0.996-1.006
Tri	PCB-30	*	*	n NotFn	1.93	*		5400	1.0	0.629	*	1.034-1.044
Tri	PCB-18	1.42e+07	1.04	y 25:50	0.91	276.6		*	2.5	*	0.954	0.948-0.958
Tri	PCB-17	1.18e+07	1.04	y 26:00	0.84	249.6		*	2.5	*	0.960	0.955-0.965
Tri	PCB-24/27	2.32e+07	1.04	y 26:34	1.15	358.4		*	2.5	*	0.981	0.977-0.986
Tri	PCB-16/32	1.75e+07	1.04	y 27:06	1.02	304.5		*	2.5	*	1.000	0.995-1.005
Tri	PCB-34	3.83e+05	0.94	y 27:54	0.96	7.664		*	2.5	*	0.960	0.955-0.965
Tri	PCB-23	*	*	n NotFn	0.95	*		2560	2.5	1.28	*	0.958-0.968
Tri	PCB-29	*	*	n NotFn	0.96	*		2560	2.5	1.27	*	0.966-0.976
Tri	PCB-26	7.50e+06	1.06	y 28:27	1.00	143.5		*	2.5	*	0.979	0.974-0.984
Tri	PCB-25	2.15e+06	1.07	y 28:37	1.06	39.11		*	2.5	*	0.985	0.980-0.990
Tri	PCB-31	1.53e+07	1.06	y 28:58	1.10	266.9		*	2.5	*	0.997	0.992-1.002
Tri	PCB-28	9.31e+06	1.09	y 29:04	1.14	157.0		*	2.5	*	1.000	0.995-1.005
Tri	PCB-20/21/33	7.37e+05	1.10	y 29:43	1.00	14.20		*	2.5	*	1.023	1.017-1.027
Tri	PCB-22	1.01e+06	1.11	y 30:08	1.09	17.76		*	2.5	*	1.037	1.032-1.042
Tri	PCB-36	*	*	n NotFn	1.15	*		5900	1.0	0.962	*	0.929-0.939
Tri	PCB-39	1.65e+05	1.01	y 31:13	1.07	2.913		*	2.5	*	0.948	0.943-0.953
Tri	PCB-38	2.29e+05	1.13	y 31:59	1.10	3.922		*	2.5	*	0.971	0.966-0.976
Tri	PCB-35	1.01e+05	1.11	y 32:31	1.12	1.696		*	2.5	*	0.987	0.982-0.992
Tri	PCB-37	2.31e+06	1.10	y 32:57	1.11	39.21		*	2.5	*	1.000	0.996-1.006
Tetra	PCB-54	9.81e+05	0.80	y 27:56	1.07	18.13		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-50	1.99e+05	0.85	y 29:07	0.87	4.508		*	2.5	*	1.043	1.038-1.048
Tetra	PCB-53	8.72e+06	0.81	y 29:45	1.01	195.0		*	2.5	*	0.945	0.940-0.950
Tetra	PCB-51	2.28e+06	0.82	y 30:06	1.10	46.87		*	2.5	*	0.956	0.952-0.962
Tetra	PCB-45	2.85e+06	0.73	y 30:32	0.87	73.83		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-46	9.95e+05	0.71	y 31:01	0.84	26.83		*	2.5	*	0.985	0.980-0.990

Integrations by:

Analyst: MI

Date: 3/23/18

Reviewed by: [signature] Date: 3/28/18

CT 3/28/18

Client ID: OWS-LHAL-T170816141854 Filename: 180315E1 S:6 Acq:15-MAR-18 14:54:55 ConCal: ST180315E1-1
Lab ID: 1701075-02 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.055 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Tetra	PCB-52/69	2.31e+07	0.78	y 31:30	1.21	430.2		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-73	5.79e+05	0.80	y 31:38	1.45	9.001		*	2.5	*	1.005	1.000-1.010
Tetra	PCB-43/49	1.59e+07	0.76	y 31:47	1.01	354.0		*	2.5	*	1.010	1.005-1.015
Tetra	PCB-47	1.17e+07	0.80	y 31:59	0.91	272.2		*	2.5	*	1.000	0.995-1.005
Tetra	PCB-48/75	1.58e+06	0.66	y 32:07	1.13	29.39		*	2.5	*	1.005	0.999-1.009
Tetra	PCB-65	8.18e+04	0.61	n 32:22	1.27	1.352	R	*	2.5	*	1.012	1.007-1.017
Tetra	PCB-62	*	*	n NotF¶	1.10	*		2520	2.5	1.03	*	1.011-1.021
Tetra	PCB-44	7.64e+06	0.79	y 32:47	0.85	187.8		*	2.5	*	1.025	1.020-1.030
Tetra	PCB-42/59	4.66e+06	0.78	y 33:01	1.02	95.86		*	2.5	*	1.033	1.027-1.037
Tetra	PCB-41/64/71/72	1.37e+07	0.77	y 33:36	1.17	247.7		*	2.5	*	1.051	1.046-1.056
Tetra	PCB-68	9.29e+05	0.74	y 33:52	1.28	15.27		*	2.5	*	1.059	1.054-1.064
Tetra	PCB-40	1.44e+06	0.84	y 34:04	0.62	48.65		*	2.5	*	1.066	1.060-1.070
Tetra	PCB-57	2.00e+05	0.81	y 34:26	1.13	2.854		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-67	4.23e+05	0.83	y 34:44	1.10	6.166		*	2.5	*	0.979	0.973-0.983
Tetra	PCB-58	6.16e+04	0.78	y 34:52	1.12	0.8809		*	2.5	*	0.982	0.977-0.987
Tetra	PCB-63	1.04e+06	0.81	y 35:00	1.00	16.70		*	2.5	*	0.986	0.981-0.991
Tetra	PCB-74	4.51e+06	0.82	y 35:18	1.18	61.25		*	2.5	*	0.995	0.989-0.999
Tetra	PCB-61/70	6.21e+06	0.76	y 35:31	1.03	97.05		*	2.5	*	1.001	0.994-1.004
Tetra	PCB-76/66	6.88e+06	0.75	y 35:43	1.13	97.51		*	2.5	*	1.006	1.000-1.010
Tetra	PCB-80	*	*	n NotF¶	1.19	*		2520	2.5	0.739	*	0.995-1.005
Tetra	PCB-55	1.36e+05	0.81	y 36:14	1.16	1.852		*	2.5	*	1.009	1.004-1.014
Tetra	PCB-56/60	4.25e+06	0.73	y 36:45	1.04	64.39		*	2.5	*	1.023	1.018-1.028
Tetra	PCB-79	*	*	n NotF¶	1.17	*		8000	1.0	0.958	*	1.047-1.057
Tetra	PCB-78	*	*	n NotF¶	1.10	*		2520	2.5	0.809	*	0.982-0.992
Tetra	PCB-81	*	*	n NotF¶	0.97	*		13400	1.0	1.96	*	0.995-1.005
Tetra	PCB-77	5.36e+05	0.98	n 39:37	1.08	8.020	R	*	2.5	*	1.000	0.995-1.005
Penta	PCB-104	*	*	n NotF¶	1.08	*		3150	1.0	0.722	*	0.996-1.006
Penta	PCB-96	2.44e+05	1.98	n 33:54	1.13	4.377	R	*	2.5	*	1.039	1.034-1.044
Penta	PCB-103	2.43e+05	1.57	y 34:27	0.91	5.418		*	2.5	*	1.056	1.051-1.061
Penta	PCB-100	1.92e+05	1.78	y 34:48	0.93	4.212		*	2.5	*	1.067	1.062-1.072
Penta	PCB-94	3.26e+05	1.56	y 35:16	0.91	8.463		*	2.5	*	0.985	0.981-0.991
Penta	PCB-95/98/102	6.12e+06	1.56	y 35:49	1.17	123.8		*	2.5	*	1.001	0.994-1.004
Penta	PCB-93	*	*	n NotF¶	0.93	*		2160	2.5	1.68	*	0.997-1.007
Penta	PCB-88/91	1.63e+06	1.51	y 36:13	0.97	39.70		*	2.5	*	1.012	1.005-1.015
Penta	PCB-121	*	*	n NotF¶	1.68	*		2160	2.5	0.925	*	1.009-1.019
Penta	PCB-84/92	3.31e+06	1.73	y 37:07	0.97	76.84		*	2.5	*	0.990	0.985-0.995
Penta	PCB-89	9.56e+04	1.65	y 37:18	1.06	2.027		*	2.5	*	0.995	0.990-1.000

Analyst: RN

Date: 3/23/18

Client ID: OWS-LHAL-T170816141854 Filename: 180315E1 S:6 Acq:15-MAR-18 14:54:55 ConCal: ST180315E1-1
Lab ID: 1701075-02 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.055 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Penta	PCB-90/101	4.45e+06	1.59	y 37:30	1.08	93.36		*	2.5	*	1.000	0.995-1.005
Penta	PCB-113	*	*	n NotF	1.48	*		2160	2.5	1.02	*	1.002-1.012
Penta	PCB-99	2.48e+06	1.58	y 37:49	1.25	44.69		*	2.5	*	1.009	1.004-1.014
Penta	PCB-119	2.72e+05	1.53	y 38:17	1.70	4.083		*	2.5	*	0.987	0.982-0.992
Penta	PCB-108/112	4.88e+05	1.46	y 38:27	1.40	8.877		*	2.5	*	0.991	0.986-0.996
Penta	PCB-83	*	*	n NotF	1.75	*		2160	2.5	1.03	*	0.990-1.000
Penta	PCB-97	1.23e+06	1.46	y 38:47	1.17	26.77		*	2.5	*	1.000	0.995-1.005
Penta	PCB-86	4.32e+04	1.49	y 38:55	1.08	1.021		*	2.5	*	1.004	0.999-1.009
Penta	PCB-87/117/125	2.09e+06	1.48	y 39:04	1.55	34.48		*	2.5	*	1.007	1.002-1.012
Penta	PCB-111/115	1.05e+05	1.42	y 39:14	1.79	1.491		*	2.5	*	1.012	1.006-1.016
Penta	PCB-85/116	8.73e+05	1.61	y 39:20	1.29	17.29		*	2.5	*	1.014	1.009-1.019
Penta	PCB-120	*	*	n NotF	1.98	*		2160	2.5	0.908	*	1.016-1.026
Penta	PCB-110	6.21e+06	1.64	y 39:44	1.69	94.21		*	2.5	*	1.025	1.020-1.030
Penta	PCB-82	5.10e+05	1.45	y 40:22	0.81	11.81		*	2.5	*	0.976	0.972-0.982
Penta	PCB-124	1.66e+05	1.72	y 41:01	1.30	2.396		*	2.5	*	0.992	0.988-0.998
Penta	PCB-107/109	3.77e+05	1.59	y 41:12	1.31	5.366		*	2.5	*	0.997	0.991-1.001
Penta	PCB-123	8.91e+04	1.54	y 41:21	1.12	1.487		*	2.5	*	1.000	0.996-1.006
Penta	PCB-106/118	3.15e+06	1.70	y 41:32	1.18	47.39		*	2.5	*	1.000	0.996-1.006
Penta	PCB-114	8.34e+04	1.64	y 42:11	1.11	1.779		*	2.5	*	1.000	0.995-1.005
Penta	PCB-122	2.97e+04	1.52	y 42:20	1.03	0.6842		*	2.5	*	1.004	0.999-1.009
Penta	PCB-105	1.07e+06	1.57	y 43:03	1.12	22.98		*	2.5	*	1.000	0.995-1.005
Penta	PCB-127	*	*	n NotF	1.12	*		1690	2.5	1.11	*	0.995-1.005
Penta	PCB-126	*	*	n NotF	1.20	*		1690	2.5	1.16	*	0.995-1.005
Hexa	PCB-155	*	*	n NotF	0.99	*		1970	2.5	0.954	*	0.995-1.005
Hexa	PCB-150	*	*	n NotF	1.02	*		1970	2.5	0.918	*	1.030-1.040
Hexa	PCB-152	*	*	n NotF	1.16	*		1970	2.5	0.814	*	1.042-1.052
Hexa	PCB-145	*	*	n NotF	1.13	*		1970	2.5	0.834	*	1.054-1.064
Hexa	PCB-136	6.84e+05	1.08	y 39:32	1.02	11.82		*	2.5	*	1.068	1.063-1.073
Hexa	PCB-148	*	*	n NotF	0.77	*		1970	2.5	1.22	*	1.066-1.076
Hexa	PCB-154	1.14e+05	1.32	y 40:08	0.88	2.309		*	2.5	*	1.084	1.079-1.089
Hexa	PCB-151	8.00e+05	1.36	y 40:47	0.75	18.82		*	2.5	*	1.102	1.095-1.107
Hexa	PCB-135	5.78e+05	1.29	y 40:59	0.86	11.89		*	2.5	*	1.107	1.101-1.113
Hexa	PCB-144	6.67e+04	1.37	y 41:07	0.77	1.541		*	2.5	*	1.111	1.105-1.116
Hexa	PCB-147	1.71e+05	1.35	y 41:14	0.80	3.756		*	2.5	*	1.114	1.108-1.120
Hexa	PCB-139/149	2.13e+06	1.34	y 41:29	0.88	42.88		*	2.5	*	1.120	1.115-1.127
Hexa	PCB-140	*	*	n NotF	0.77	*		2800	1.0	0.696	*	1.120-1.132
Hexa	PCB-134/143	2.46e+05	1.14	y 42:08	0.76	6.172		*	2.5	*	0.975	0.970-0.980

Analyst: MI

Date: 3/23/18

Client ID: OWS-LHAL-T170816141854 Filename: 180315E1 S:6 Acq:15-MAR-18 14:54:55 ConCal: ST180315E1-1
Lab ID: 1701075-02 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.055 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hexa	PCB-131/133	1.53e+05	0.97	n 42:25	0.82	3.580	R	*	2.5	*	0.982	0.977-0.987
Hexa	PCB-142	*	*	n NotF╗	0.73	*		1870	2.5	1.39	*	0.981-0.991
Hexa	PCB-146/165	5.37e+05	1.26	y 42:49	1.02	10.06		*	2.5	*	0.991	0.986-0.996
Hexa	PCB-132/161	7.43e+05	1.26	y 43:04	1.00	14.14		*	2.5	*	0.997	0.992-1.002
Hexa	PCB-153	2.02e+06	1.26	y 43:12	1.08	35.90		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-168	*	*	n NotF╗	1.12	*		1870	2.5	0.908	*	1.000-1.010
Hexa	PCB-141	2.93e+05	1.30	y 43:56	1.02	6.557		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-137	1.45e+05	1.39	y 44:19	1.10	2.985		*	2.5	*	1.009	1.004-1.014
Hexa	PCB-130	1.67e+05	1.24	y 44:25	0.81	4.726		*	2.5	*	1.011	1.007-1.017
Hexa	PCB-138/163/164	2.83e+06	1.16	y 44:48	1.23	48.80		*	2.5	*	1.001	0.996-1.006
Hexa	PCB-158/160	2.24e+05	1.02	n 45:01	1.18	4.044	R	*	2.5	*	1.006	1.001-1.011
Hexa	PCB-129	1.11e+05	1.07	y 45:17	0.78	3.023		*	2.5	*	1.012	1.007-1.017
Hexa	PCB-166	*	*	n NotF╗	1.13	*		1870	2.5	0.842	*	0.988-0.998
Hexa	PCB-159	*	*	n NotF╗	1.16	*		1870	2.5	0.820	*	0.995-1.005
Hexa	PCB-128/162	4.03e+05	1.23	y 46:21	0.89	8.065		*	2.5	*	1.006	1.002-1.012
Hexa	PCB-167	1.07e+05	1.15	y 46:45	1.02	1.849		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-156	2.39e+05	1.23	y 48:03	1.06	4.110		*	2.5	*	1.001	0.995-1.005
Hexa	PCB-157	7.15e+04	0.87	n 48:19	1.02	1.271	R	*	2.5	*	1.000	0.996-1.006
Hexa	PCB-169	*	*	n NotF╗	1.13	*		1870	2.5	0.958	*	0.995-1.005
Hepta	PCB-188	*	*	n NotF╗	1.37	*		1710	2.5	0.516	*	0.995-1.005
Hepta	PCB-184	*	*	n NotF╗	1.32	*		1710	2.5	0.537	*	1.006-1.016
Hepta	PCB-179	3.42e+05	1.07	y 44:03	1.38	5.710		*	2.5	*	1.029	1.024-1.034
Hepta	PCB-176	6.83e+04	1.10	y 44:31	1.31	1.205		*	2.5	*	1.040	1.035-1.045
Hepta	PCB-186	*	*	n NotF╗	1.42	*		1710	2.5	0.499	*	1.049-1.059
Hepta	PCB-178	2.02e+05	0.98	y 45:38	0.97	4.823		*	2.5	*	1.066	1.060-1.070
Hepta	PCB-175	*	*	n NotF╗	1.00	*		1710	2.5	0.710	*	1.069-1.079
Hepta	PCB-182/187	7.00e+05	0.97	y 46:08	1.14	14.15		*	2.5	*	1.077	1.072-1.082
Hepta	PCB-183	1.82e+05	1.11	y 46:28	1.13	3.730		*	2.5	*	1.085	1.080-1.090
Hepta	PCB-185	*	*	n NotF╗	1.36	*		1710	2.5	0.734	*	0.950-0.960
Hepta	PCB-174	3.26e+05	1.16	y 47:29	1.42	7.188		*	2.5	*	0.963	0.958-0.968
Hepta	PCB-181	*	*	n NotF╗	1.48	*		1710	2.5	0.674	*	0.960-0.970
Hepta	PCB-177	2.53e+05	0.92	y 47:45	1.33	5.948		*	2.5	*	0.968	0.963-0.973
Hepta	PCB-171	9.07e+04	1.00	y 48:03	1.37	2.065		*	2.5	*	0.974	0.969-0.979
Hepta	PCB-173	*	*	n NotF╗	1.27	*		1710	2.5	0.784	*	0.978-0.988
Hepta	PCB-172	7.82e+04	1.19	y 48:56	1.39	1.762		*	2.5	*	0.992	0.987-0.997
Hepta	PCB-192	*	*	n NotF╗	1.80	*		1710	2.5	0.551	*	0.991-1.001
Hepta	PCB-180	7.11e+05	1.04	y 49:20	1.52	14.63		*	2.5	*	1.000	0.995-1.005

Analyst: JM

Date: 3/23/18

Client ID: OWS-LHAL-T170816141854 Filename: 180315E1 S:6 Acq:15-MAR-18 14:54:55 ConCal: ST180315E1-1
Lab ID: 1701075-02 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.055 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hepta	PCB-193	5.63e+04	1.51	n 49:33	1.71	1.028	R	*	2.5	*	1.005	0.999-1.009
Hepta	PCB-191	*	*	n NotF╗	1.74	*		1710	2.5	0.572	*	1.005-1.015
Hepta	PCB-170	2.50e+05	1.13	y 50:55	1.44	6.224		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-190	5.74e+04	1.53	n 51:06	1.95	1.049	R	*	2.5	*	1.004	0.999-1.009
Hepta	PCB-189	*	*	n NotF╗	1.46	*		1710	2.5	0.532	*	0.995-1.005
Octa	PCB-202	1.28e+05	0.80	y 48:15	1.06	2.383		*	2.5	*	1.000	0.995-1.005
Octa	PCB-201	3.89e+04	0.91	y 48:43	0.98	0.7883		*	2.5	*	1.010	1.006-1.016
Octa	PCB-204	*	*	n NotF╗	1.07	*		1980	2.5	0.858	*	1.009-1.019
Octa	PCB-197	*	*	n NotF╗	1.10	*		1980	2.5	0.836	*	1.015-1.025
Octa	PCB-200	*	*	n NotF╗	1.04	*		1980	2.5	0.882	*	1.034-1.044
Octa	PCB-198	*	*	n NotF╗	0.84	*		1980	2.5	1.09	*	1.065-1.075
Octa	PCB-199	2.84e+05	0.88	y 51:41	0.80	7.047		*	2.5	*	1.071	1.067-1.077
Octa	PCB-196/203	2.31e+05	0.77	y 51:59	0.84	5.443		*	2.5	*	1.078	1.072-1.082
Octa	PCB-195	5.09e+04	0.64	n 53:12	1.04	1.732	R	*	2.5	*	0.983	0.979-0.989
Octa	PCB-194	1.40e+05	0.91	y 54:06	1.16	4.275		*	2.5	*	1.000	0.995-1.005
Octa	PCB-205	*	*	n NotF╗	1.33	*		1500	2.5	0.672	*	1.000-1.010
Nona	PCB-208	6.44e+04	1.88	n 53:21	0.90	1.746	R	*	2.5	*	1.000	0.995-1.005
Nona	PCB-207	*	*	n NotF╗	0.89	*		4700	1.0	0.828	*	1.001-1.011
Nona	PCB-206	1.41e+05	1.26	y 55:40	0.88	4.923		*	2.5	*	1.000	0.995-1.005
Deca	PCB-209	9.73e+04	1.18	y 56:59	1.04	2.773		*	2.5	*	1.000	0.995-1.005

Analyst: MW

Date: 3/23/18

Client ID: OWS-LHAL-T170816141854 Filename: 180315E1 S:6 Acq:15-MAR-18 14:54:55 ConCal: ST180315E1-1
Lab ID: 1701075-02 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.055 EndCAL: NA

Name	Resp	RA		RT	RRF	Conc	
Total Mono-PCB	2.20e+06	2.96	y	16:01	1.06	54.7991	
Total Di-PCB	9.81e+07	1.58	y	20:01	1.04	3206.29	
Total Tri-PCB	1.05e+08	1.03	y	24:10	1.15	2112.43	
Total Tri-PCB	3.92e+07	0.94	y	27:54	1.05	693.858	Sum:2806.29
Total Tetra-PCB	1.21e+08	0.80	y	27:56	1.06	2403.81	
Total Penta-PCB	3.45e+07	1.57	y	34:27	1.18	655.184	
Total Penta-PCB	1.18e+06	1.64	y	42:11	1.12	25.4447	Sum:680.628
Total Hexa-PCB	4.55e+06	1.08	y	39:32	0.91	93.0174	
Total Hexa-PCB	7.84e+06	1.14	y	42:08	1.00	146.396	Sum:239.413
Total Hepta-PCB	3.20e+06	1.07	y	44:03	1.35	67.4390	
Total Octa-PCB	6.82e+05	0.80	y	48:15	0.95	15.6608	
Total Octa-PCB	1.40e+05	0.91	y	54:06	1.17	4.27518	Sum:19.9359
Total Nona-PCB	1.41e+05	1.26	y	55:40	0.89	4.92283	
Total Deca-PCB	9.73e+04	1.18	y	56:59	1.04	2.77265	

Total PCB Conc:9515.55806700

Integrations by Analyst: MN

Date: 3/23/18

Client ID: OWS-LHAL-T170816141854 Filename: 180315E1 S:6 Acq:15-MAR-18 14:54:55 ConCal: ST180315E1-1
Lab ID: 1701075-02 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol:1.0554 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-1	6.82e+07	3.19 y	1.13	15:60	0.618	0.616	0.622	782	41.3
13C-PCB-3	8.26e+07	3.23 y	1.21	18:38	0.720	0.716	0.724	884	46.6
13C-PCB-4	4.48e+07	1.57 y	0.59	19:59	0.772	0.769	0.777	978	51.6
13C-PCB-9	7.47e+07	1.54 y	0.94	21:47	0.842	0.837	0.845	1030	54.3
13C-PCB-11	8.82e+07	1.55 y	0.95	25:11	0.973	0.968	0.978	1210	63.7
13C-PCB-19	6.55e+07	1.07 y	0.62	24:10	0.933	0.928	0.938	1360	71.9
13C-PCB-28	9.88e+07	1.04 y	1.05	29:03	1.004	0.999	1.009	1520	80.2
13C-PCB-32	1.07e+08	1.06 y	0.91	27:05	1.046	1.041	1.051	1520	80.2
13C-PCB-37	1.00e+08	1.03 y	1.02	32:56	1.138	1.132	1.144	1590	83.7
13C-PCB-47	9.02e+07	0.78 y	0.83	31:58	0.870	0.867	0.875	1380	73.0
13C-PCB-52	8.40e+07	0.79 y	0.76	31:29	0.857	0.853	0.861	1410	74.2
13C-PCB-54	9.56e+07	0.79 y	0.93	27:55	0.760	0.756	0.764	1320	69.4
13C-PCB-70	1.18e+08	0.80 y	1.00	35:30	0.966	0.961	0.971	1510	79.8
13C-PCB-77	1.17e+08	0.80 y	0.96	39:37	1.078	1.073	1.083	1560	82.4
13C-PCB-80	1.20e+08	0.79 y	1.00	35:55	0.978	0.973	0.983	1540	81.3
13C-PCB-81	1.23e+08	0.79 y	1.01	39:01	1.062	1.057	1.067	1560	82.5
13C-PCB-95	7.99e+07	1.55 y	0.80	35:48	0.913	0.908	0.918	1470	77.6
13C-PCB-97	7.42e+07	1.61 y	0.70	38:47	0.989	0.984	0.994	1560	82.4
13C-PCB-101	8.39e+07	1.59 y	0.80	37:29	0.956	0.951	0.961	1550	81.5
13C-PCB-104	9.35e+07	1.56 y	1.01	32:38	0.832	0.828	0.836	1370	72.3
13C-PCB-105	7.84e+07	1.59 y	1.14	43:02	0.929	0.924	0.934	1410	74.2
13C-PCB-114	7.99e+07	1.59 y	1.18	42:11	0.910	0.905	0.915	1380	73.0
13C-PCB-118	1.07e+08	1.58 y	1.00	41:31	1.059	1.054	1.064	1580	83.6
13C-PCB-123	1.01e+08	1.58 y	0.95	41:20	1.054	1.049	1.059	1580	83.6
13C-PCB-126	7.82e+07	1.53 y	1.14	45:17	0.977	0.972	0.982	1410	74.3
13C-PCB-127	8.56e+07	1.57 y	1.24	43:23	0.936	0.931	0.941	1410	74.4
13C-PCB-138	8.90e+07	1.27 y	1.17	44:46	0.966	0.962	0.972	1550	81.9
13C-PCB-141	8.32e+07	1.26 y	1.11	43:56	0.948	0.944	0.954	1540	81.2
13C-PCB-153	9.91e+07	1.27 y	1.34	43:12	0.932	0.928	0.938	1520	80.1
13C-PCB-155	1.07e+08	1.24 y	0.83	37:01	0.944	0.939	0.949	1920	101
13C-PCB-156	1.04e+08	1.29 y	1.38	48:01	1.037	1.032	1.042	1540	81.0
13C-PCB-157	1.04e+08	1.28 y	1.37	48:18	1.042	1.037	1.047	1550	81.8
13C-PCB-159	1.06e+08	1.24 y	1.39	46:03	0.994	0.989	0.999	1560	82.6
13C-PCB-167	1.07e+08	1.25 y	1.40	46:45	1.009	1.004	1.014	1570	82.7
13C-PCB-169	9.88e+07	1.24 y	1.39	50:31	1.090	1.085	1.095	1450	76.7
13C-PCB-170	5.31e+07	0.46 y	0.86	50:55	1.103	1.097	1.109	1610	85.2
13C-PCB-180	6.07e+07	0.46 y	0.98	49:19	1.069	1.064	1.074	1620	85.6
13C-PCB-188	8.20e+07	0.45 y	1.40	42:49	0.928	0.923	0.933	1530	80.8
13C-PCB-189	6.76e+07	0.46 y	1.15	52:32	1.138	1.132	1.144	1540	81.1
13C-PCB-194	5.37e+07	0.90 y	0.77	54:06	0.995	0.990	1.000	1580	83.5
13C-PCB-202	9.58e+07	0.91 y	1.28	48:14	1.045	1.040	1.050	1950	103
13C-PCB-206	6.16e+07	0.76 y	0.81	55:39	1.024	1.019	1.029	1730	91.0
13C-PCB-208	7.80e+07	0.77 y	1.09	53:21	0.981	0.977	0.987	1620	85.4
13C-PCB-209	6.39e+07	1.18 y	0.74	56:58	1.048	1.043	1.053	1970	104

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.32e+08	0.79 y	1.03	37:48	1.029	1.024	1.034	1640	86.6
13C-PCB-178	6.13e+07	0.46 y	0.93	45:37	0.985	0.980	0.990	1730	91.1

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.32e+08	0.79 y	1.03	37:48	0.969	0.963	0.973	1990	105
13C-PCB-178	6.13e+07	0.46 y	0.95	45:37	0.925	0.920	0.930	2010	106

RS

Name	Resp	RA	RRF	RT	Conc
13C-PCB-15	1.46e+08	1.54 y	1.00	25:53	1900
13C-PCB-31	1.17e+08	1.04 y	1.00	28:56	1900
13C-PCB-60	1.48e+08	0.79 y	1.00	36:44	1900
13C-PCB-111	1.28e+08	1.59 y	1.00	39:13	1900
13C-PCB-128	9.26e+07	1.28 y	1.00	46:20	1900
13C-PCB-182	7.26e+07	0.45 y	1.00	46:09	1900
13C-PCB-205	8.36e+07	0.90 y	1.00	54:22	1900

Analyst: MN

Date: 3/23/18

File:180315E1 #1-867 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1

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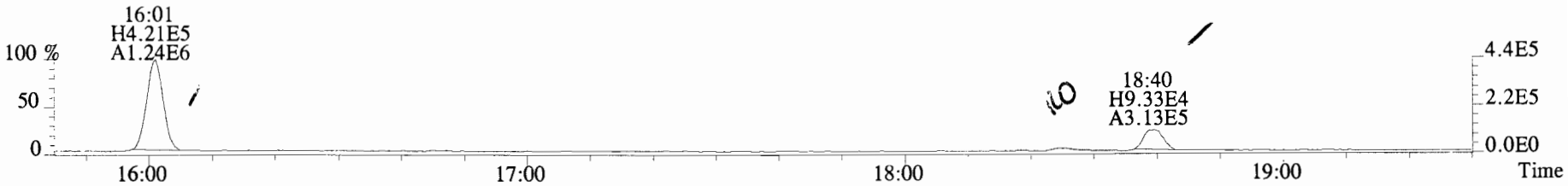

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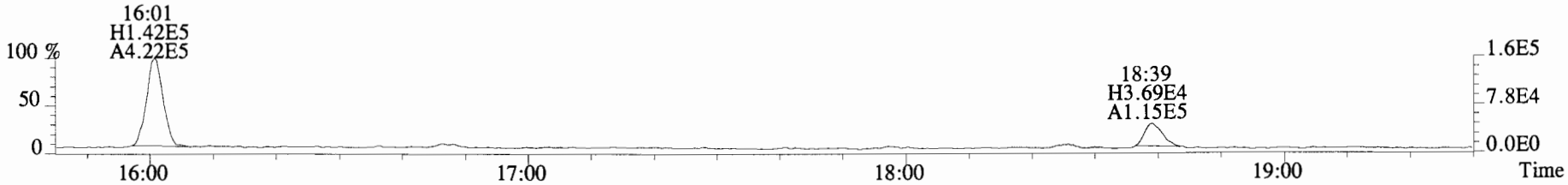

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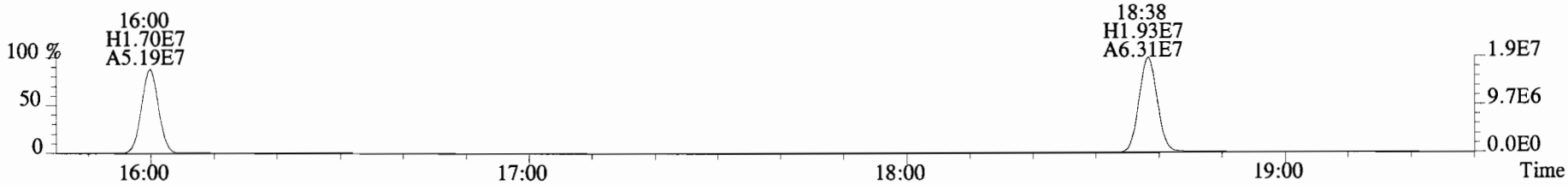

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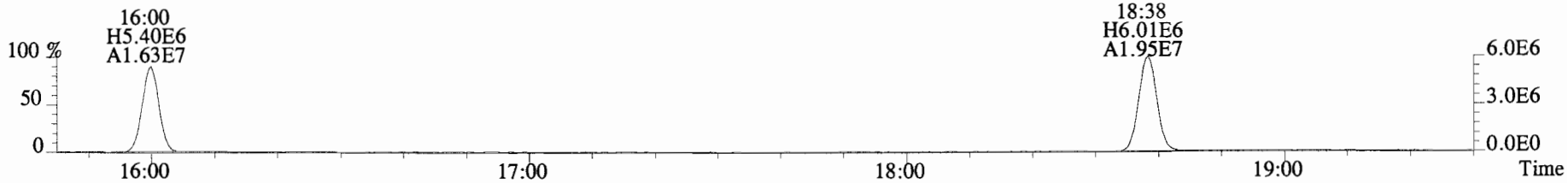
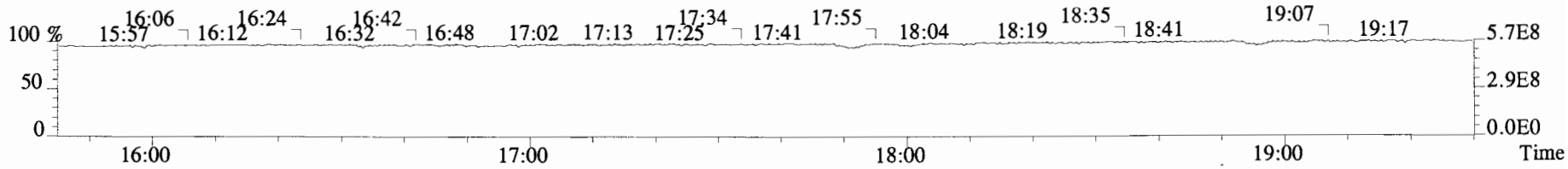
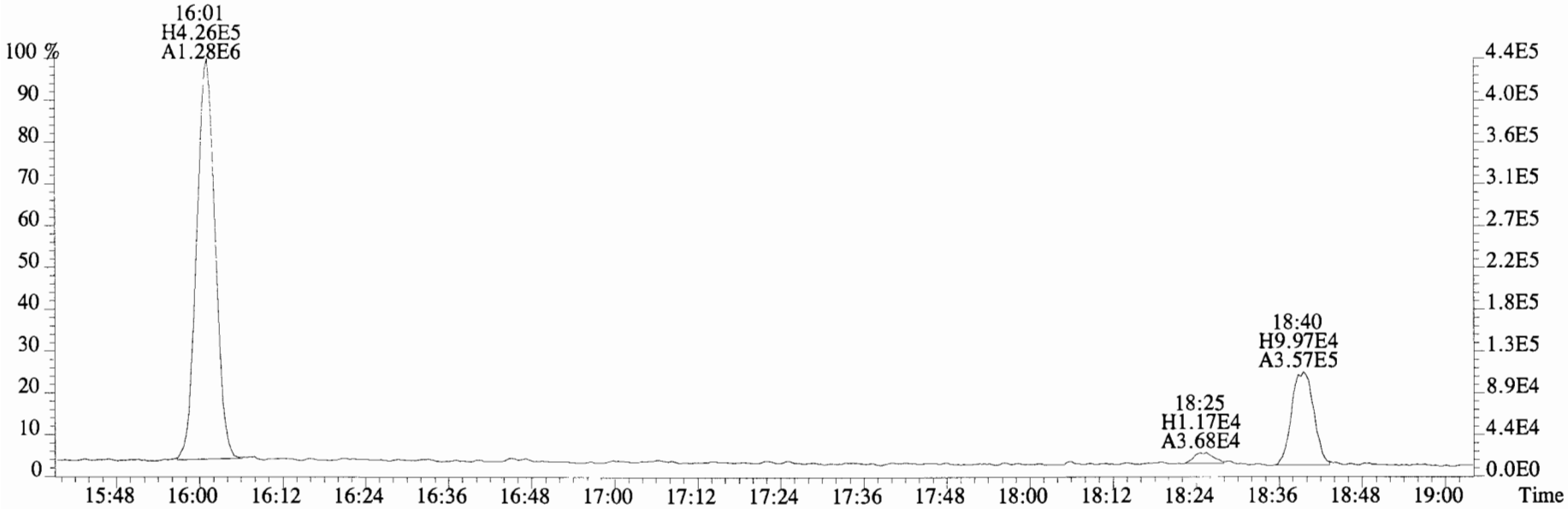


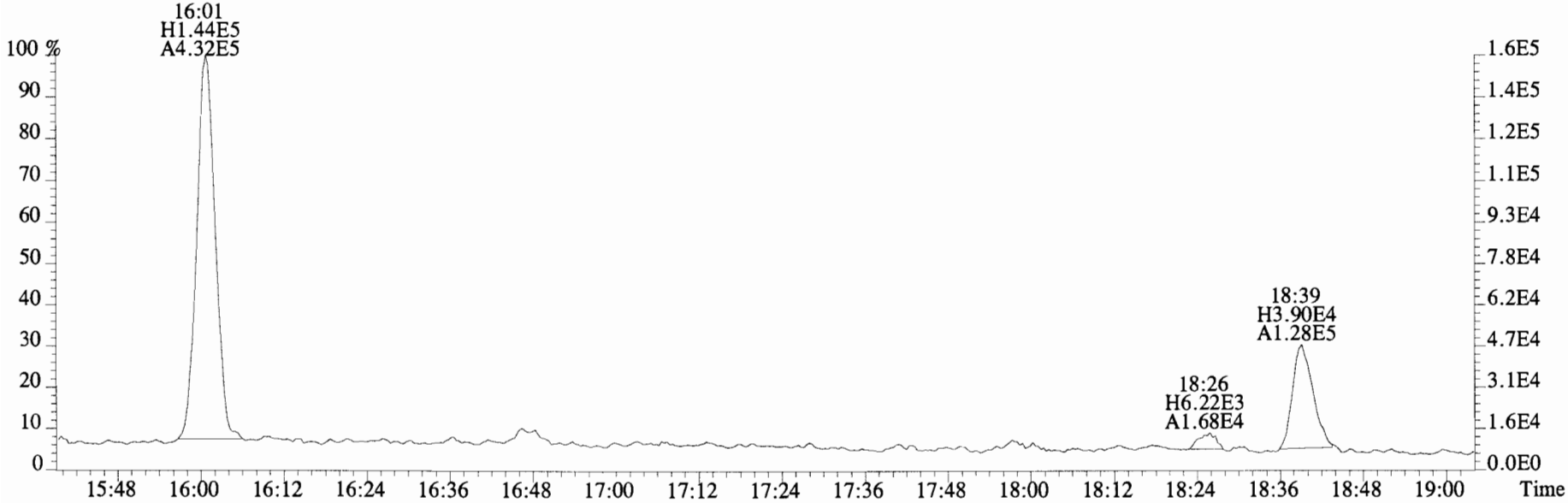
180.9880 S:6



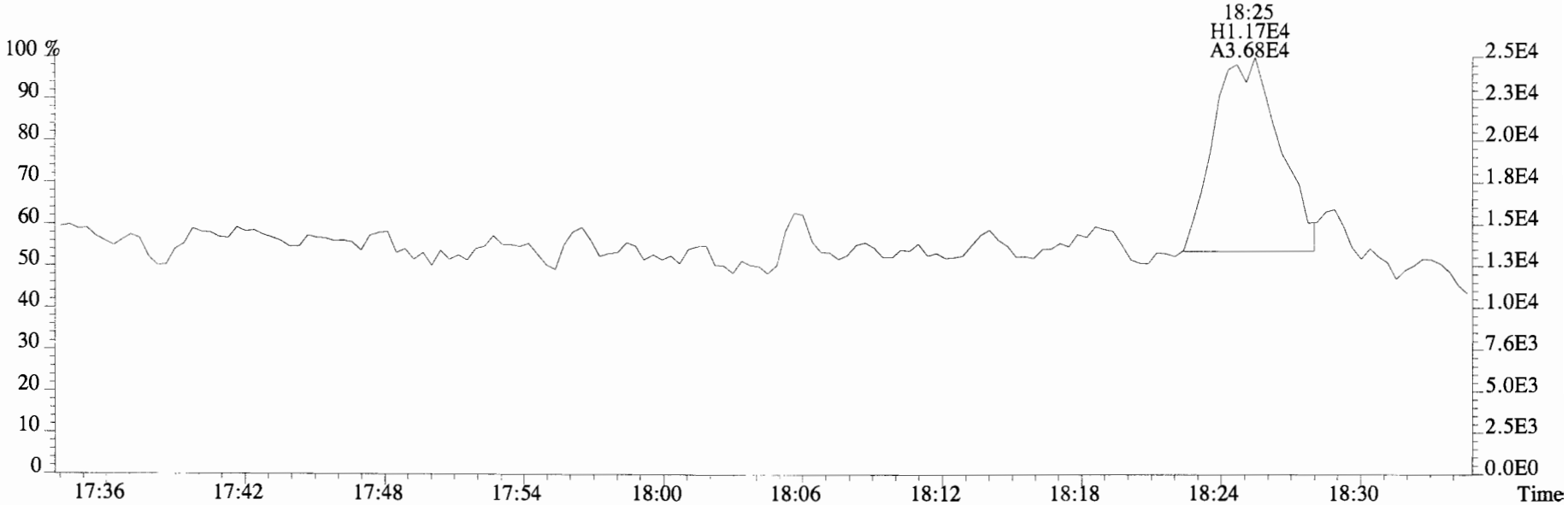
File:180315E1 #1-867 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
188.0393 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19972.0,0.00%,F,F)



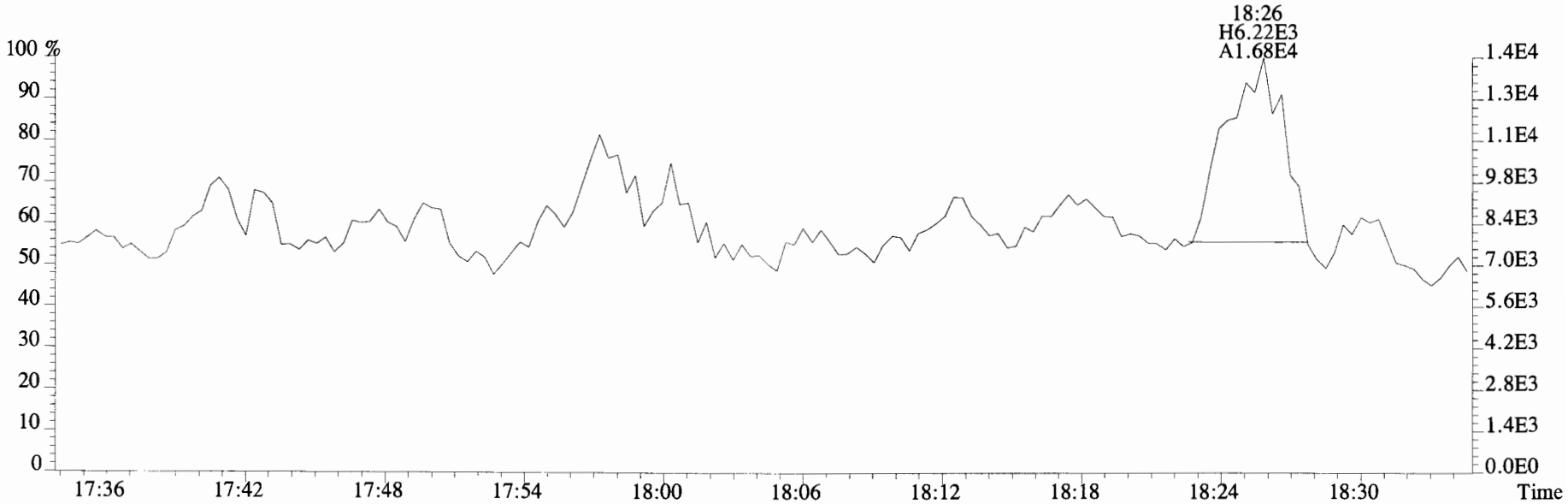
190.0363 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11776.0,0.00%,F,F)



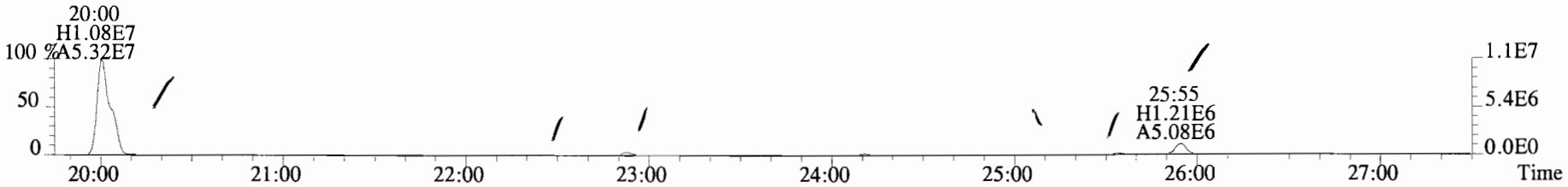
File:180315E1 #1-867 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
188.0393 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19972.0,0.00%,F,F)



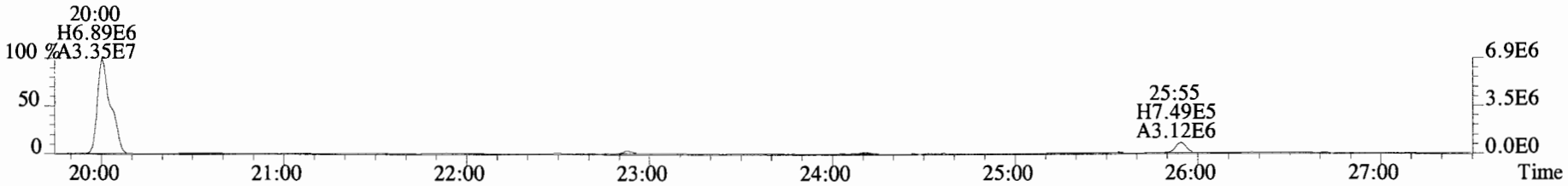
190.0363 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11776.0,0.00%,F,F)



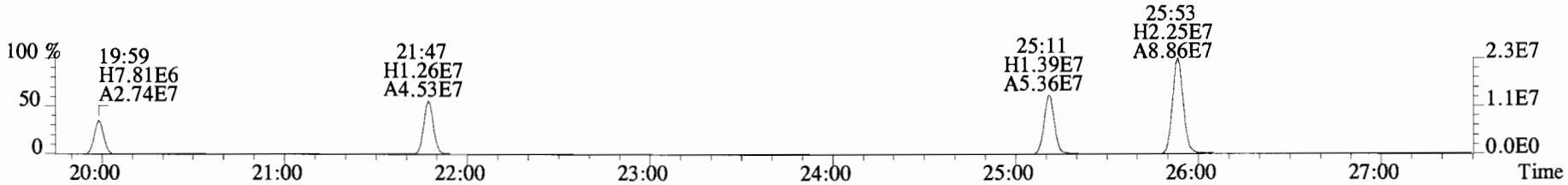
File:180315E1 #1-757 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
222.0003 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3276.0,0.00%,F,F)



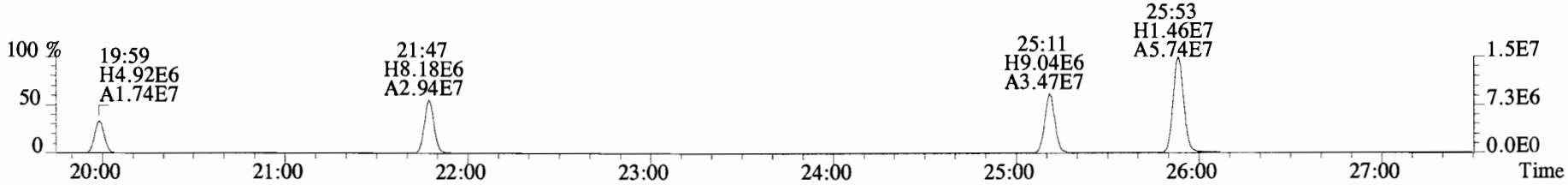
223.9974 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,41960.0,0.00%,F,F)



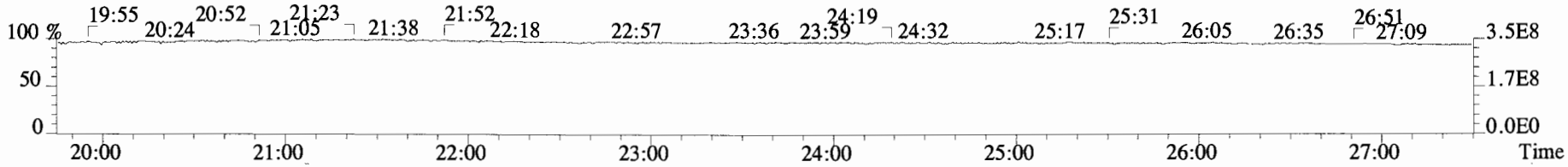
234.0406 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6920.0,0.00%,F,F)



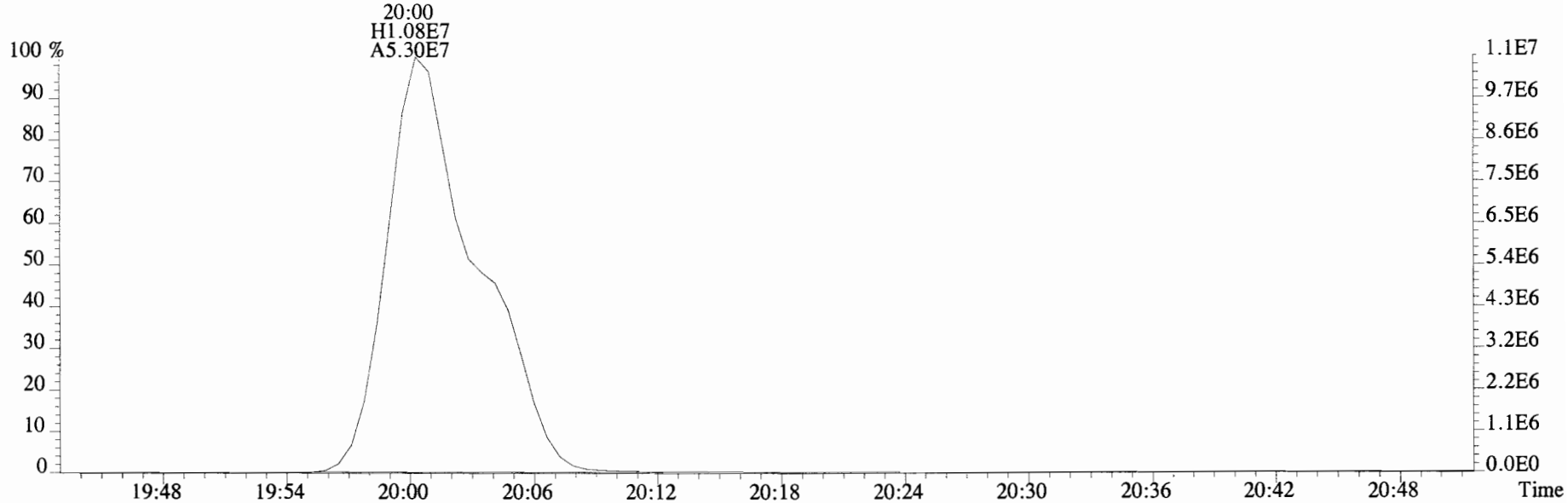
236.0376 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5500.0,0.00%,F,F)



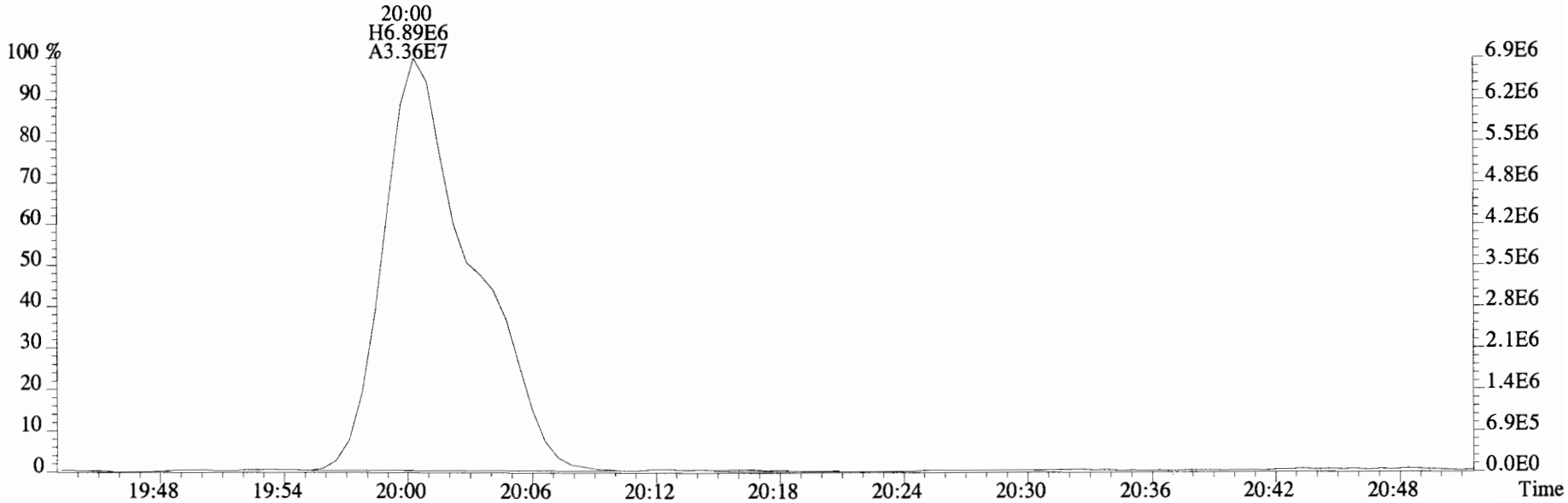
230.9856 S:6 F:2



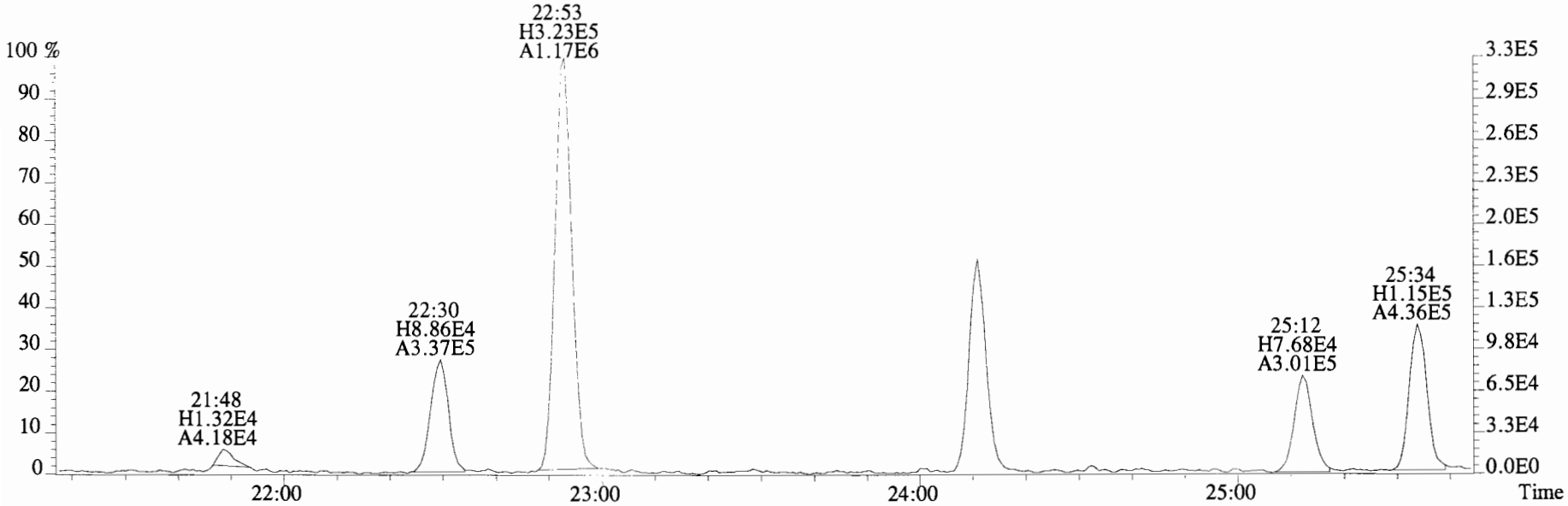
File:180315E1 #1-757 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
222.0003 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3276.0,0.00%,F,F)



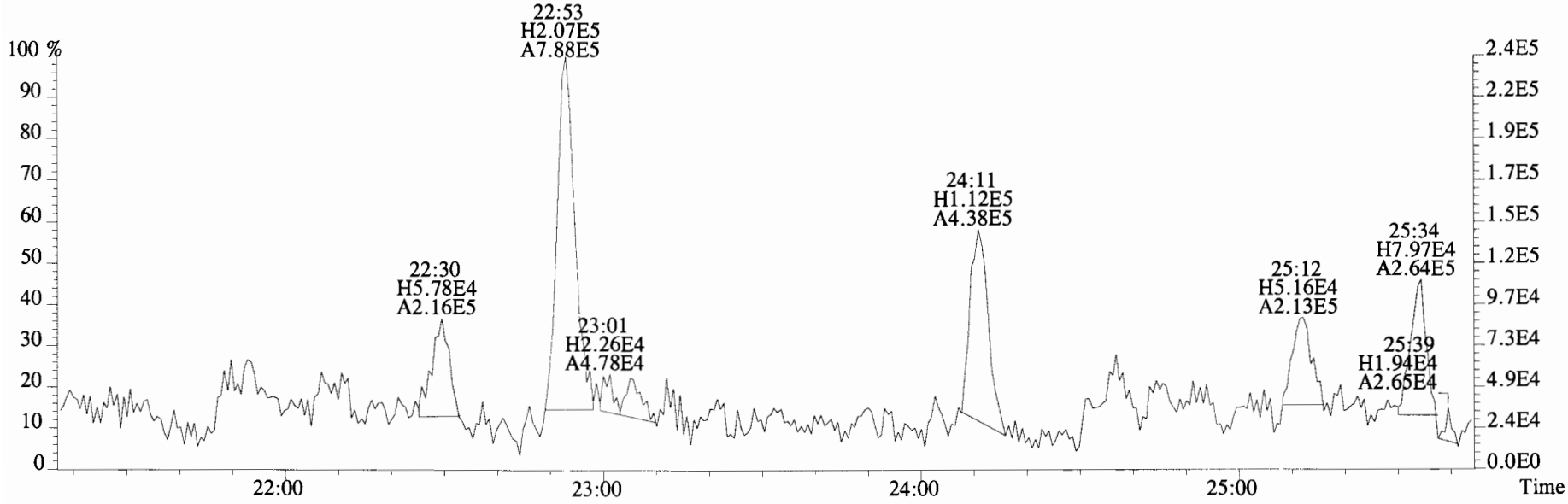
223.9974 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,41960.0,0.00%,F,F)



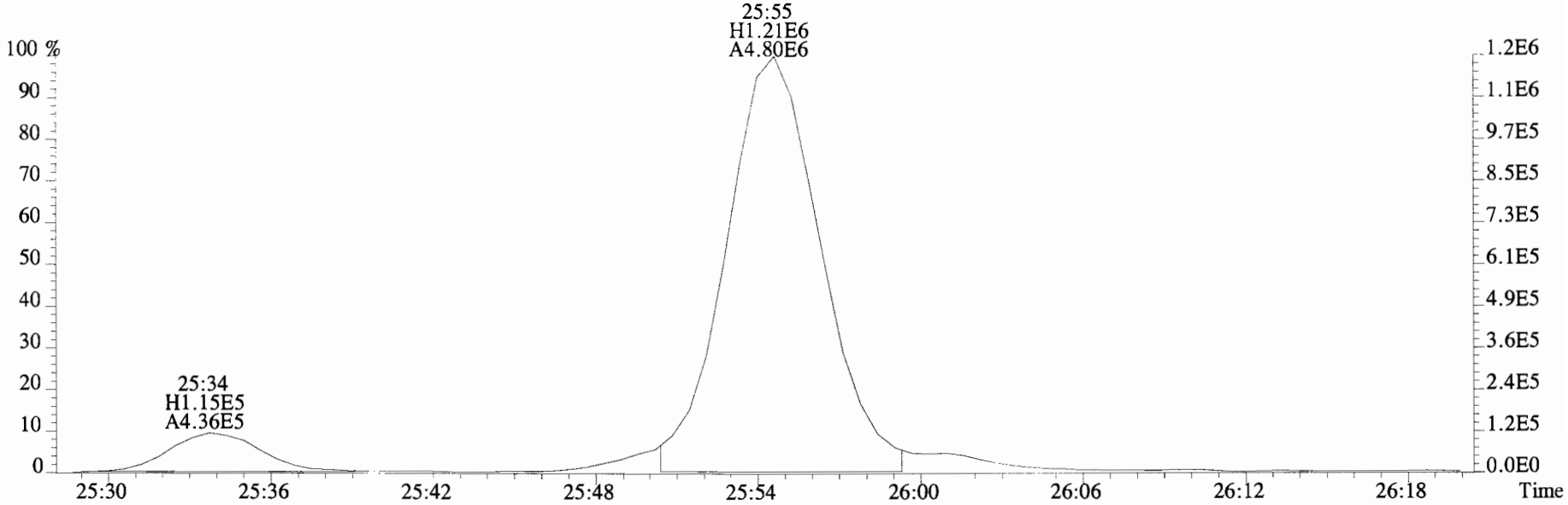
File:180315E1 #1-757 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 I Exp:PCB_ZB1
222.0003 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3276.0,0.00%,F,F)



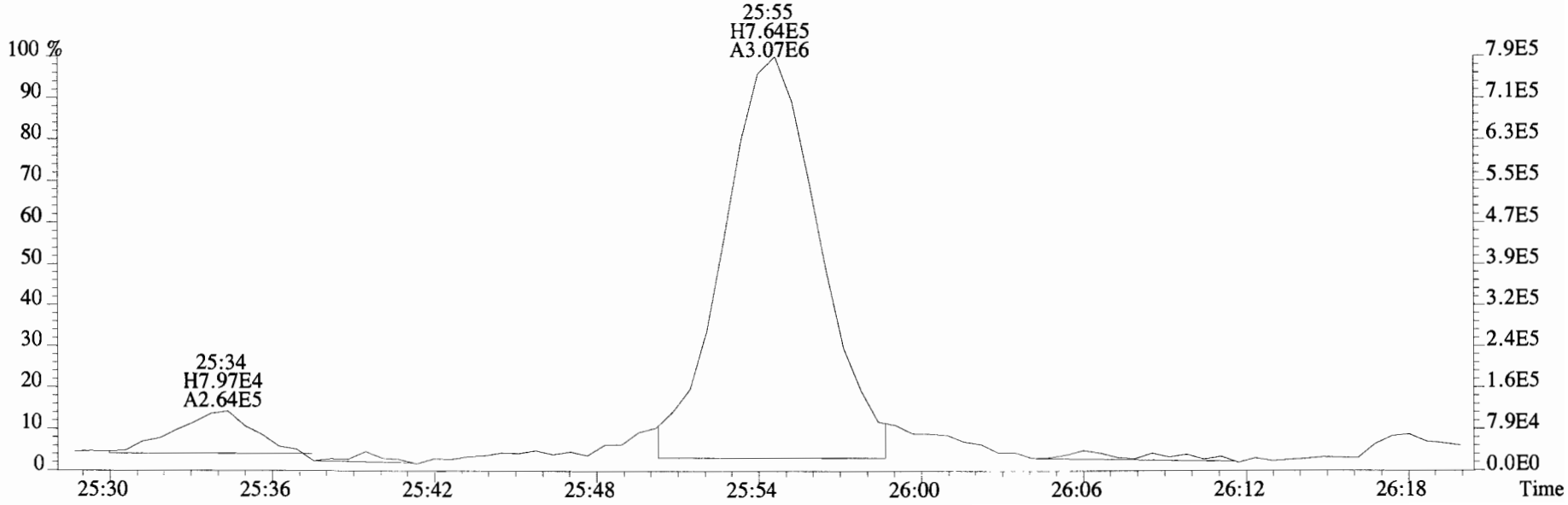
223.9974 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,41960.0,0.00%,F,F)



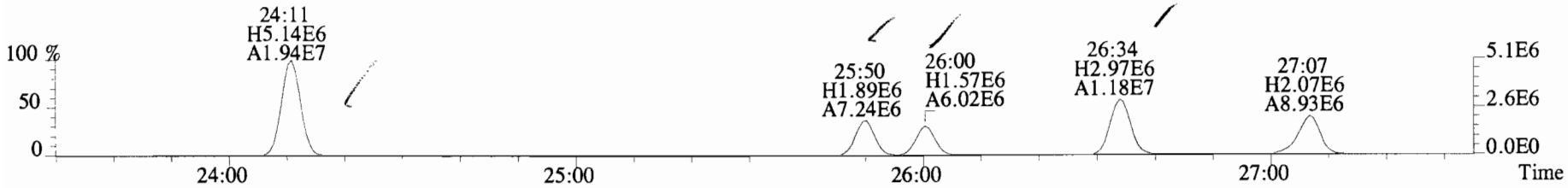
File:180315E1 #1-757 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
222.0003 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3276.0,0.00%,F,F)



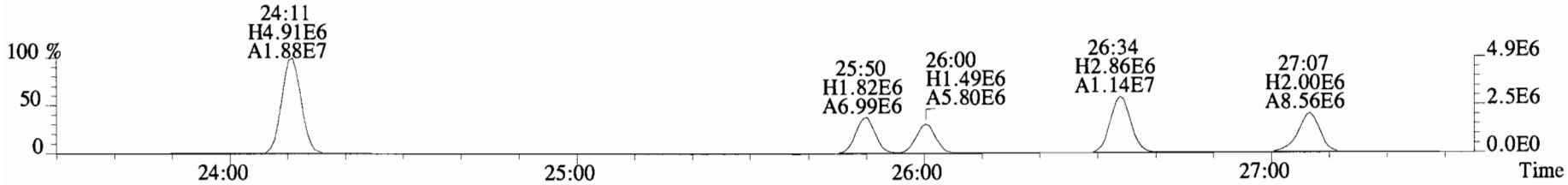
223.9974 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,41960.0,0.00%,F,F)



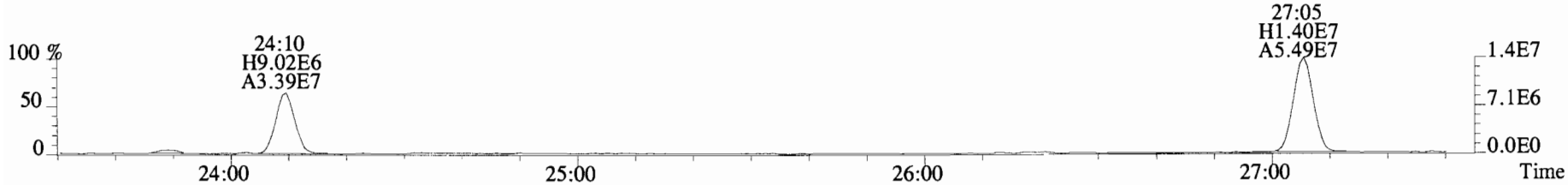
File:180315E1 #1-757 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
255.9613 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5432.0,0.00%,F,F)



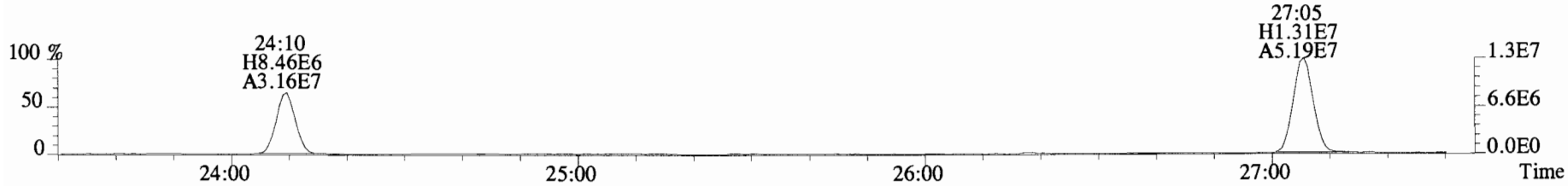
257.9584 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3696.0,0.00%,F,F)



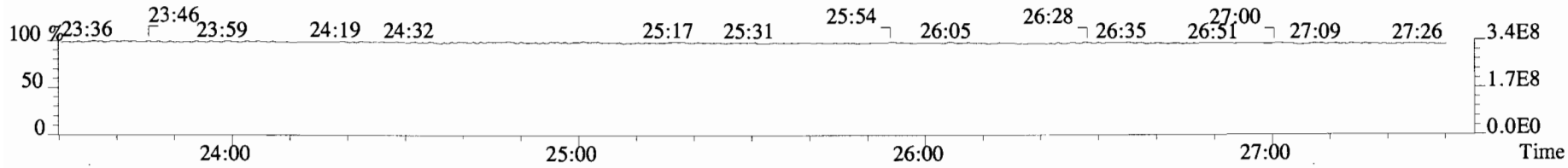
268.0016 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,237284.0,0.00%,F,F)



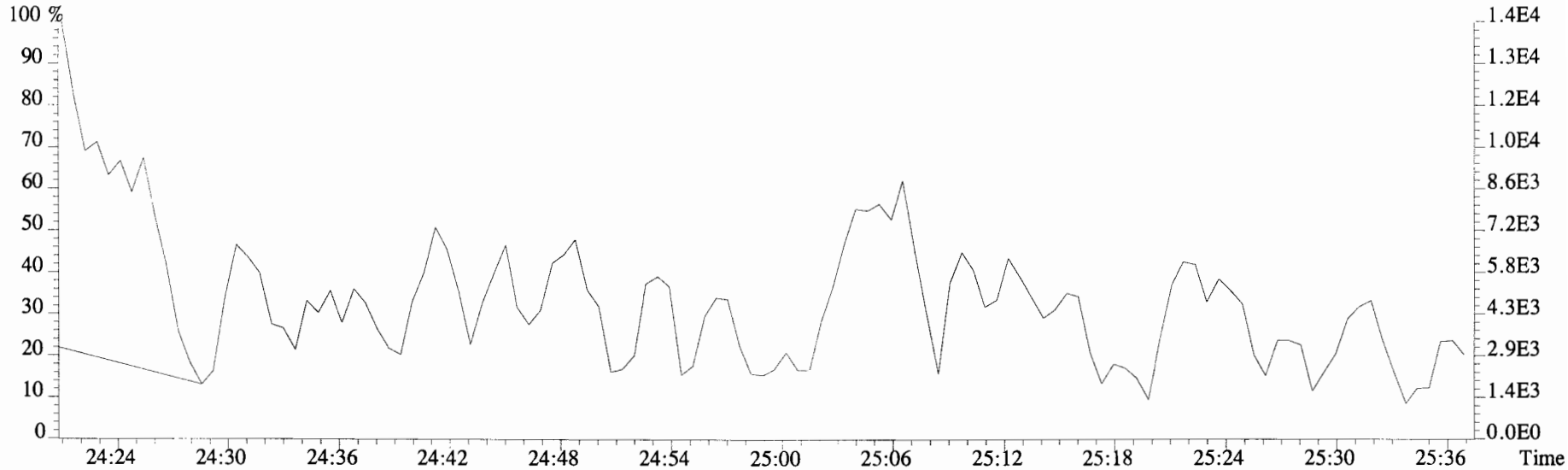
269.9986 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,131024.0,0.00%,F,F)



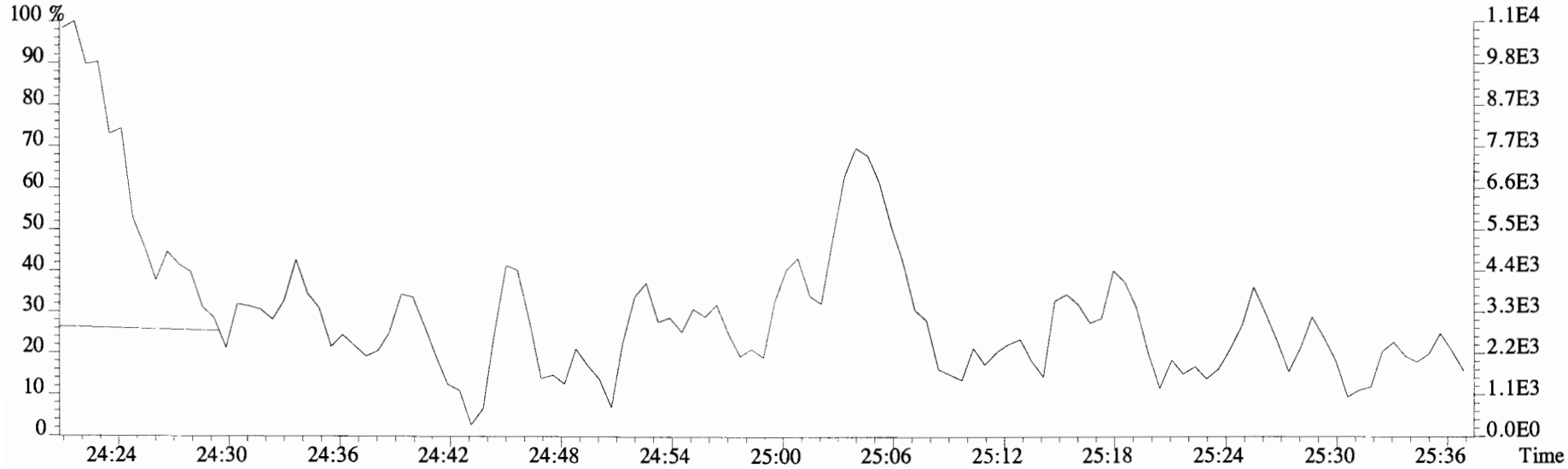
230.9856 S:6 F:2



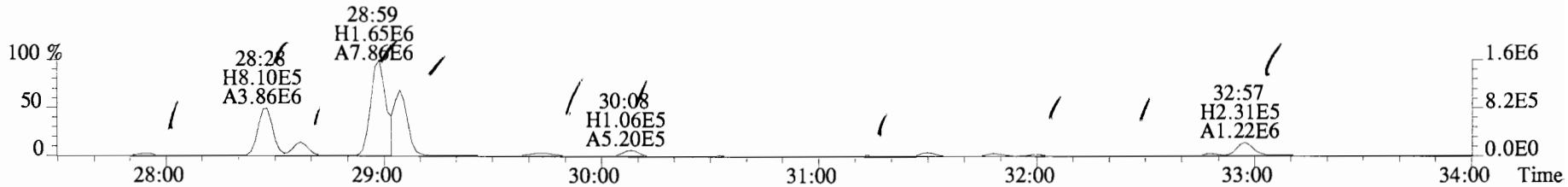
File:180315E1 #1-757 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
255.9613 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5432.0,0.00%,F,F)



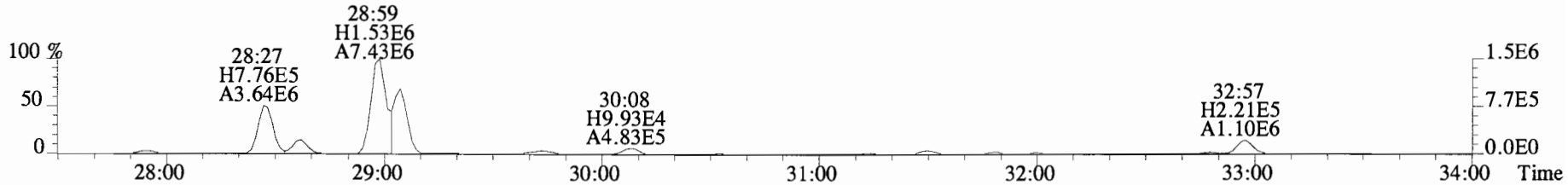
257.9584 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3696.0,0.00%,F,F)



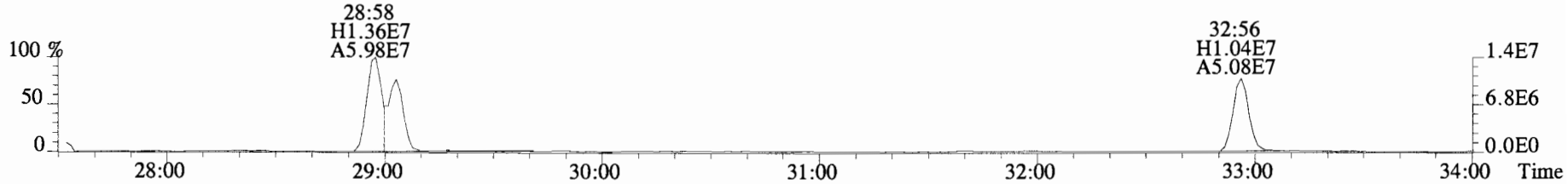
File:180315E1 #1-756 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
255.9613 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3744.0,0.00%,F,F)



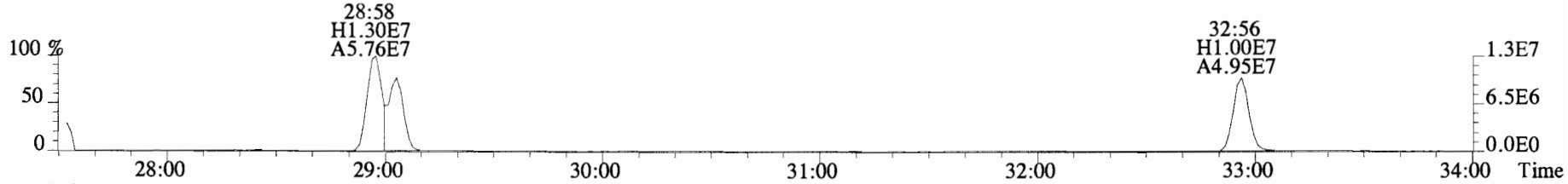
257.9584 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2564.0,0.00%,F,F)



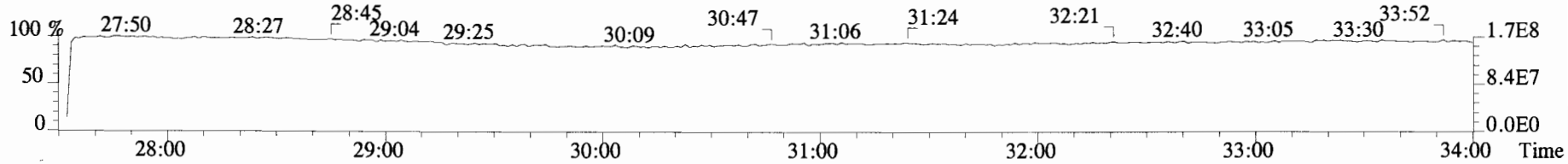
268.0016 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,210576.0,0.00%,F,F)



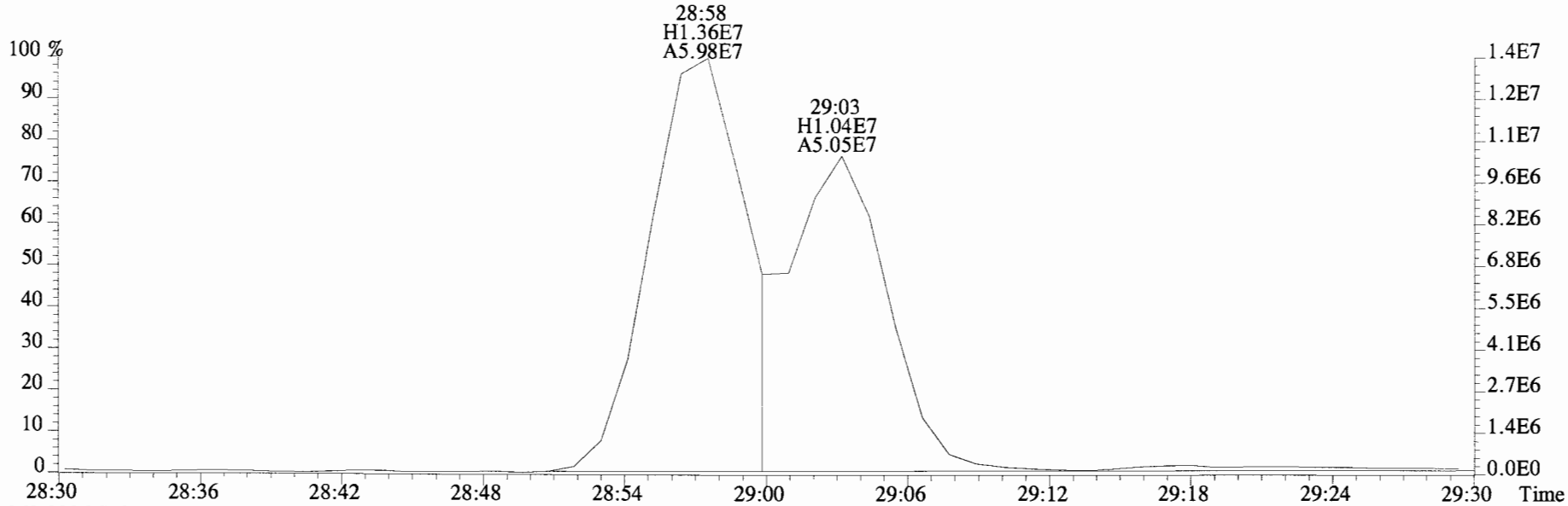
269.9986 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,63396.0,0.00%,F,F)



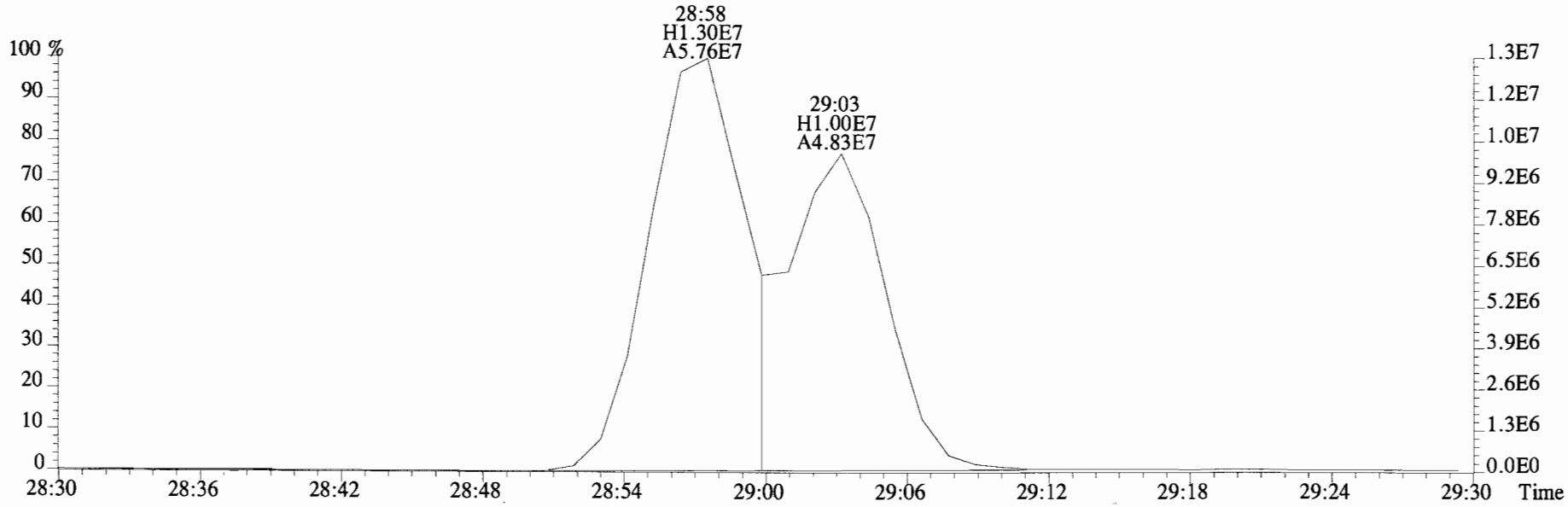
330.9792 S:6 F:3



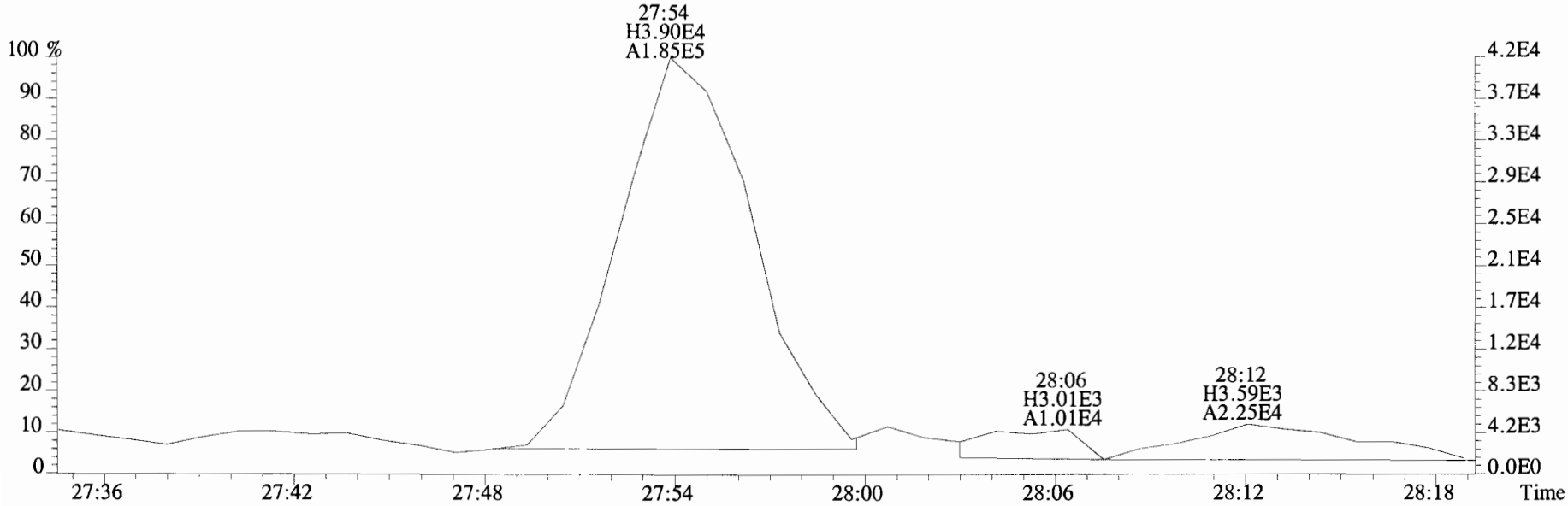
File:180315E1 #1-756 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
268.0016 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,210576.0,0.00%,F,F)



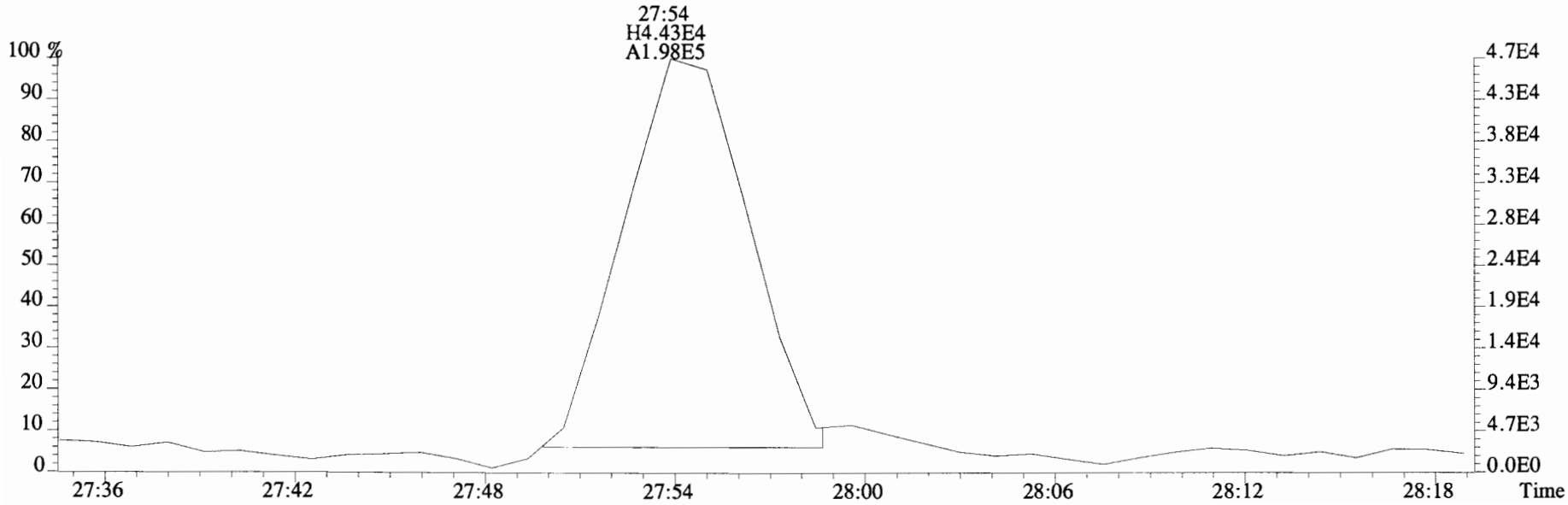
269.9986 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,63396.0,0.00%,F,F)



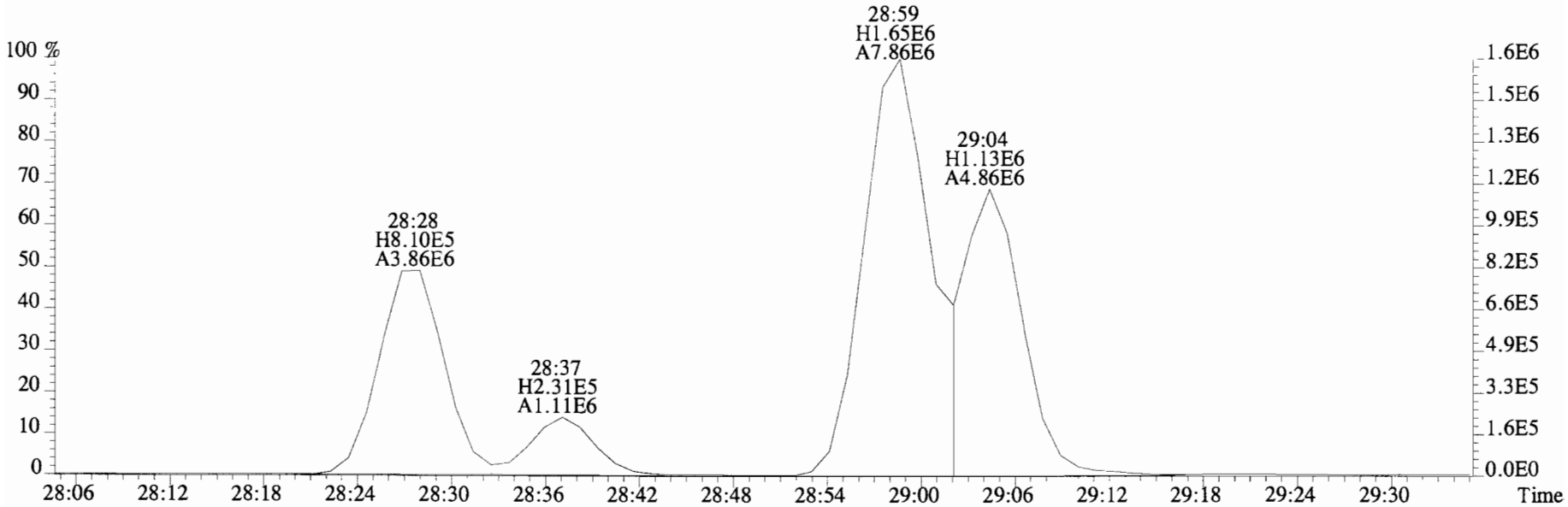
File:180315E1 #1-756 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
255.9613 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3744.0,0.00%,F,F)



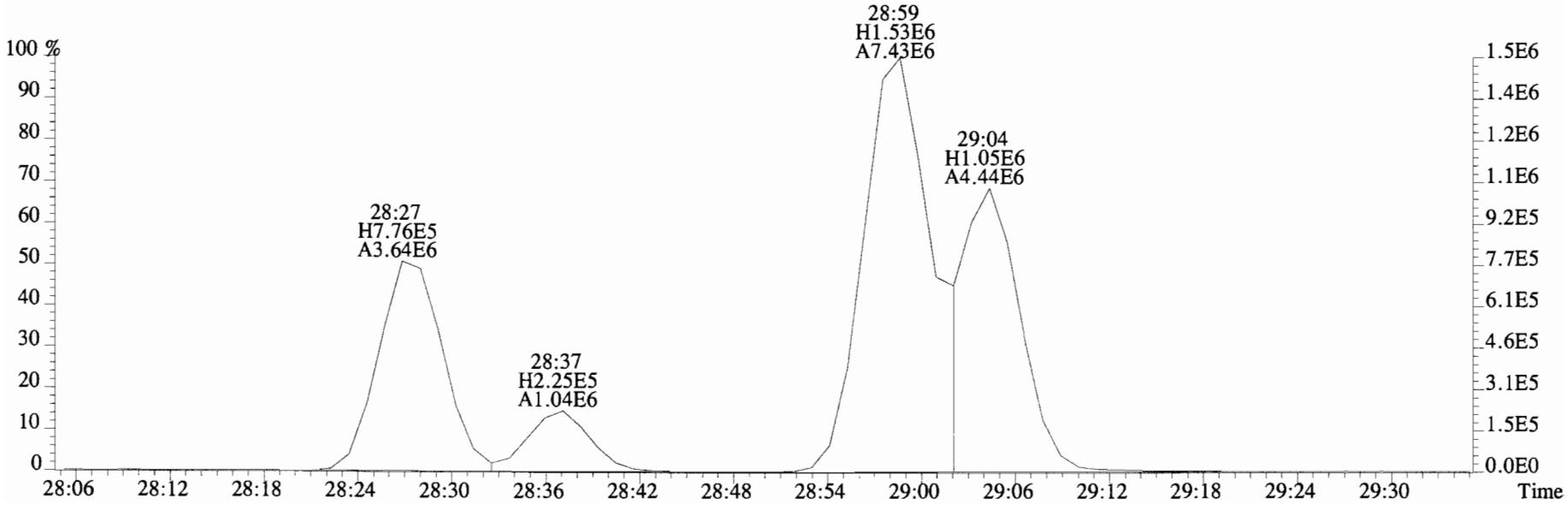
257.9584 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2564.0,0.00%,F,F)



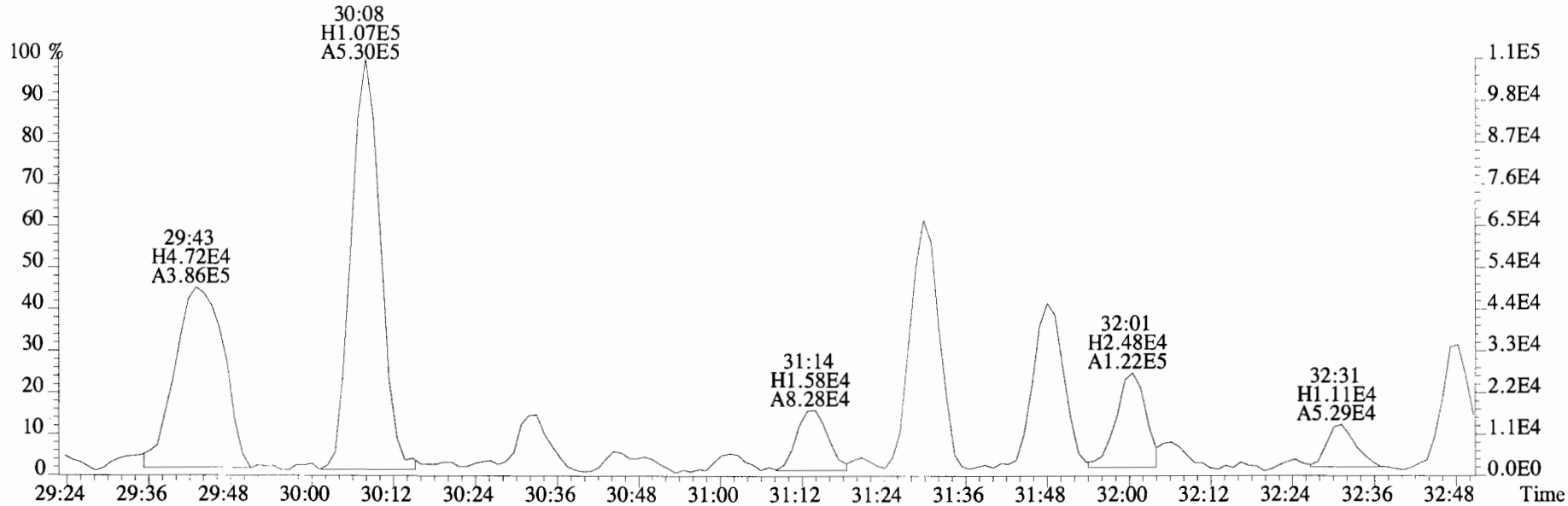
File:180315E1 #1-756 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
255.9613 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3744.0,0.00%,F,F)



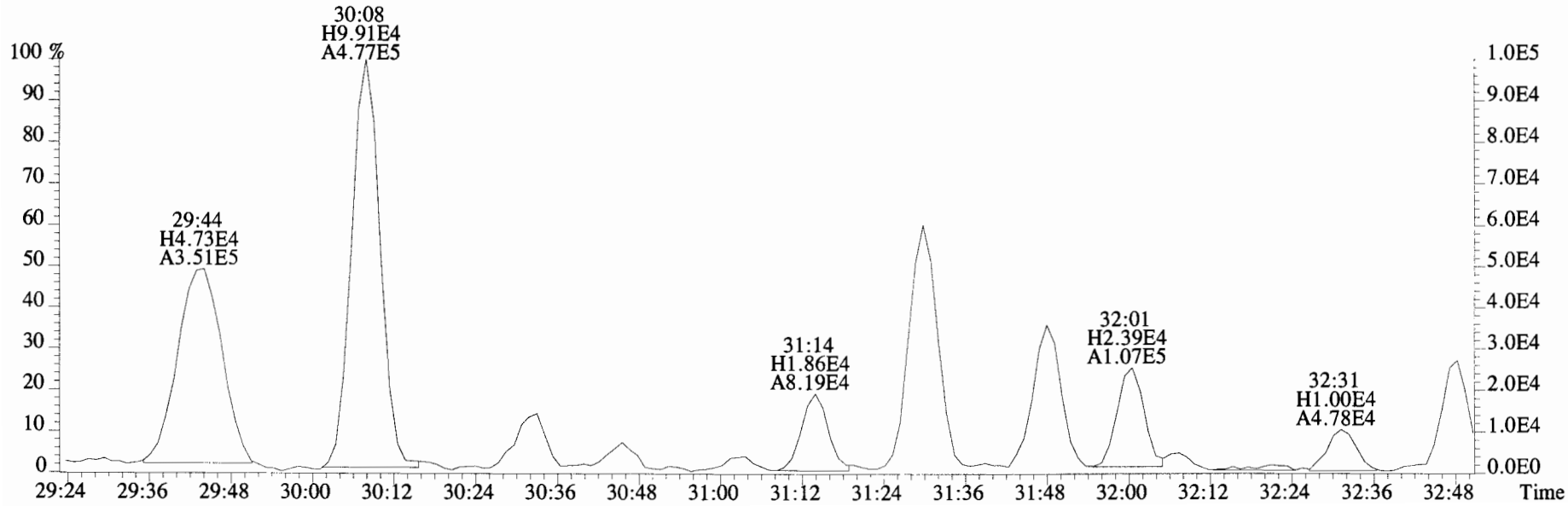
257.9584 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2564.0,0.00%,F,F)



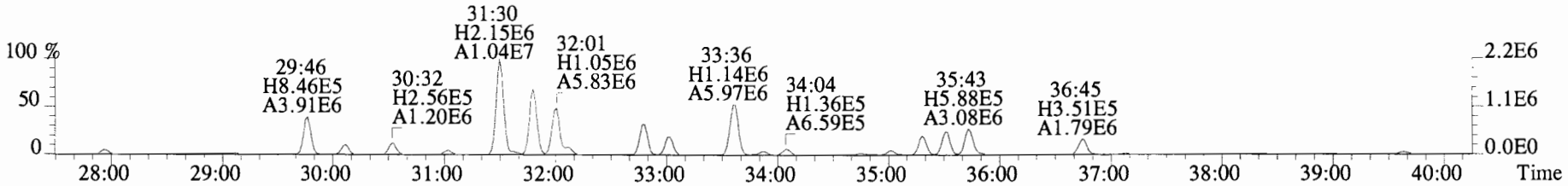
File:180315E1 #1-756 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
255.9613 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3744.0,0.00%,F,F)



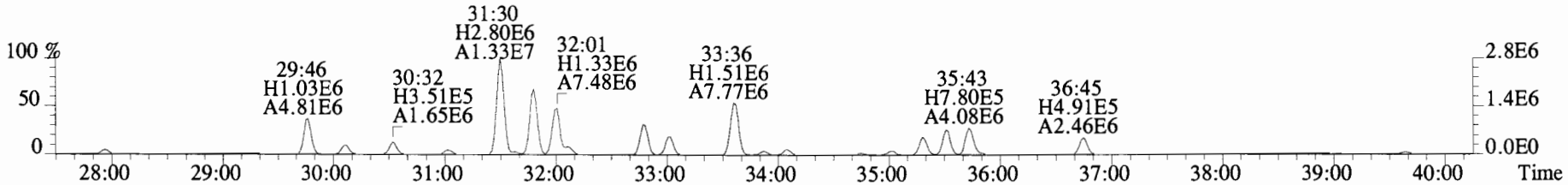
257.9584 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2564.0,0.00%,F,F)



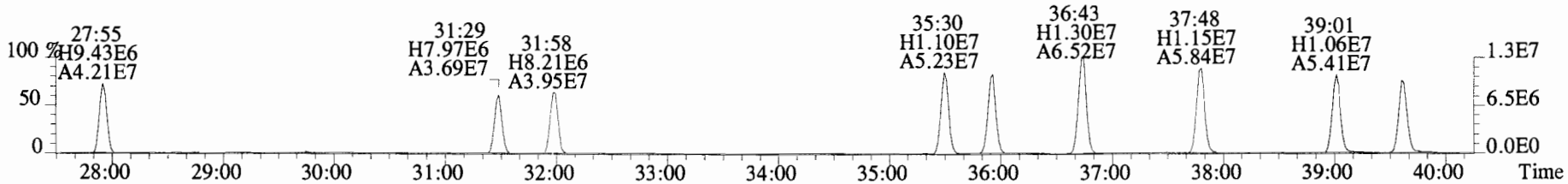
File:180315E1 #1-756 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3144.0,0.00%,F,F)



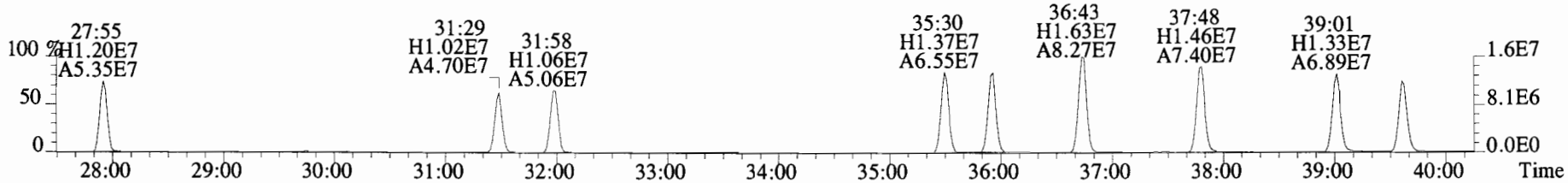
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2520.0,0.00%,F,F)



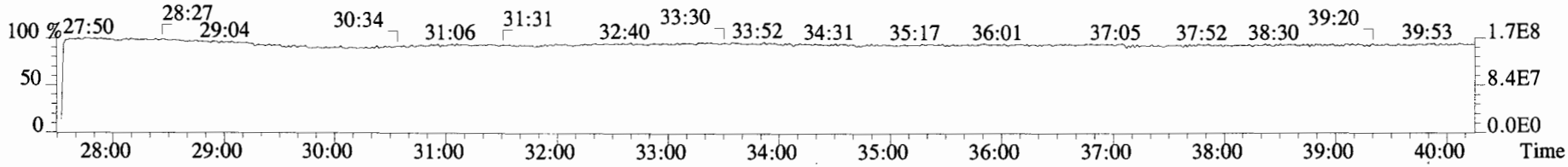
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74060.0,0.00%,F,F)



303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36944.0,0.00%,F,F)

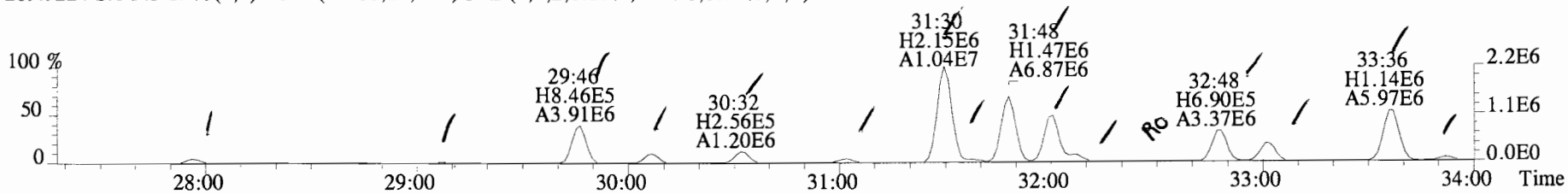


330.9792 S:6 F:3

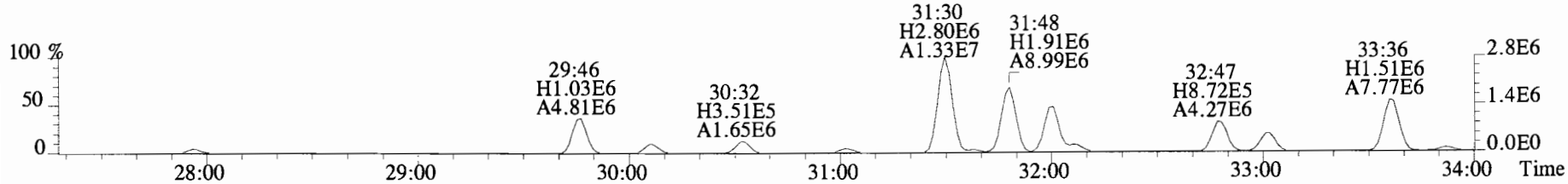


File:180315E1 #1-756 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1

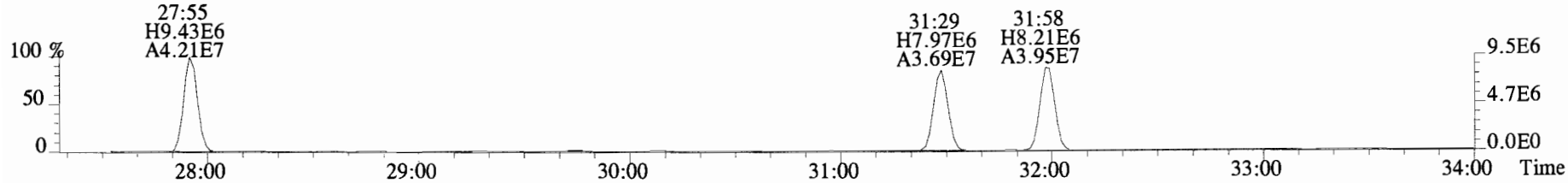
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3144.0,0.00%,F,F)



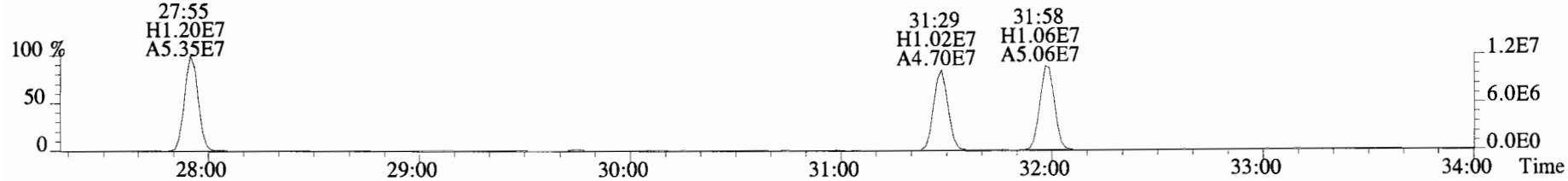
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2520.0,0.00%,F,F)



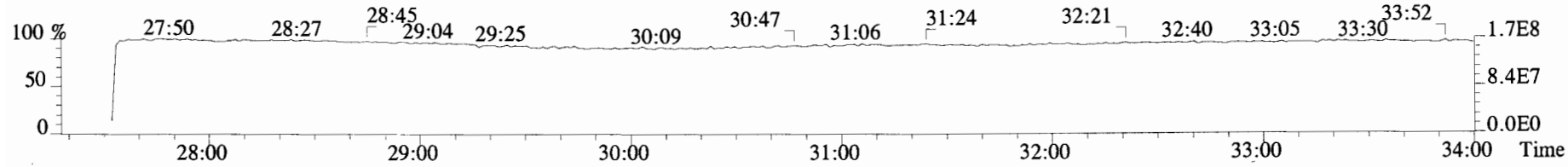
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74060.0,0.00%,F,F)



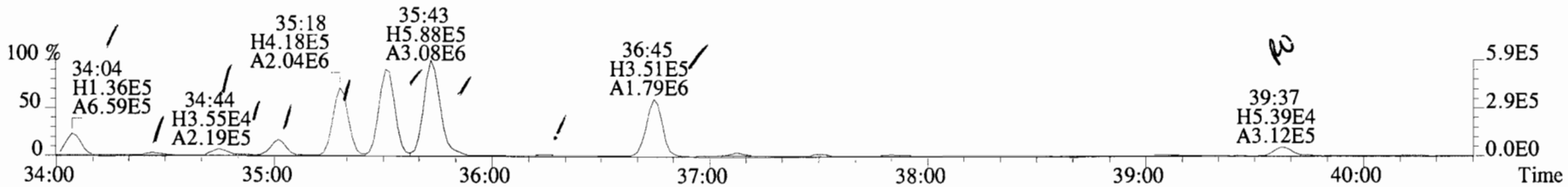
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36944.0,0.00%,F,F)



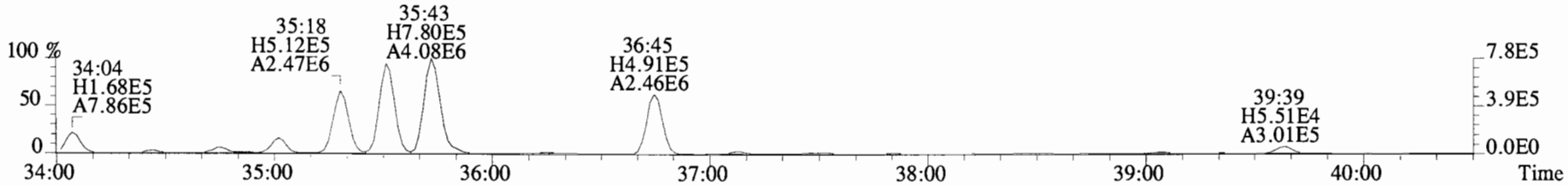
330.9792 S:6 F:3



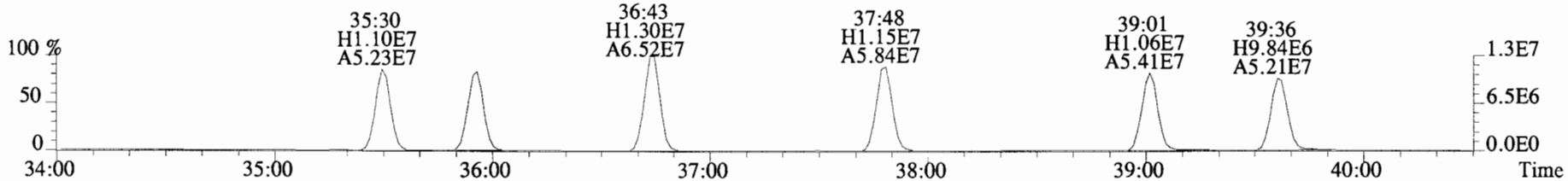
File:180315E1 #1-756 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3144.0,0.00%,F,F)



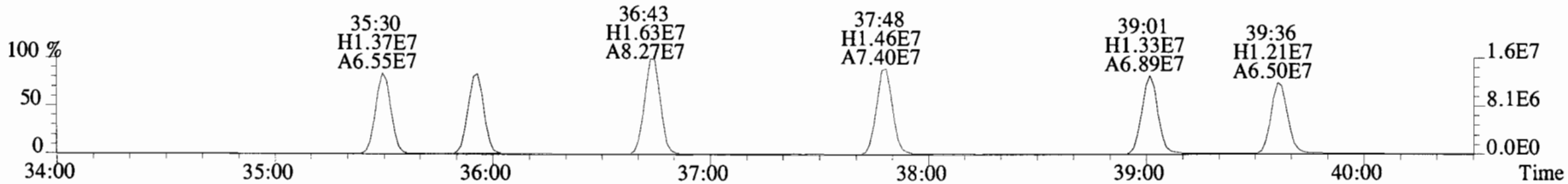
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2520.0,0.00%,F,F)



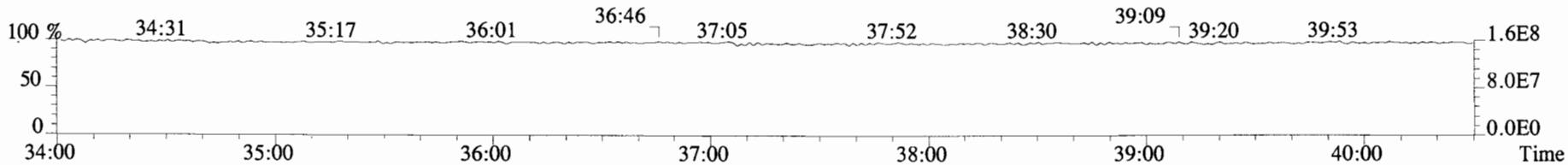
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74060.0,0.00%,F,F)



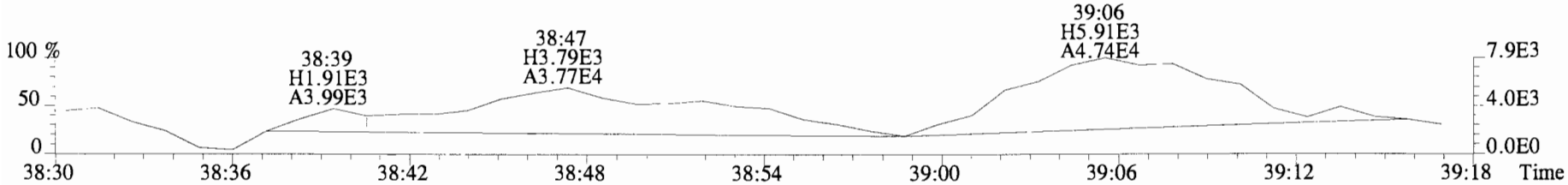
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36944.0,0.00%,F,F)



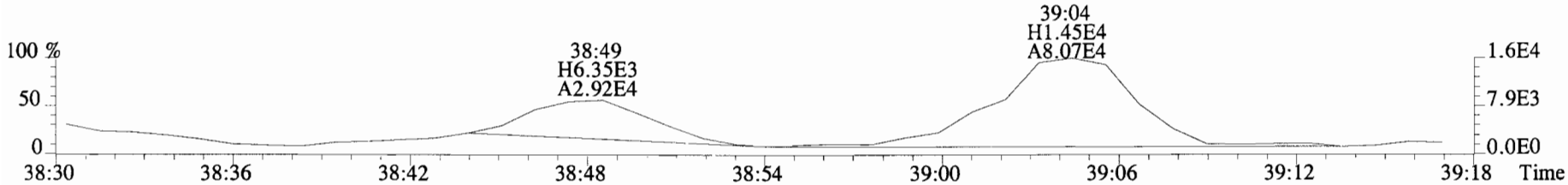
330.9792 S:6 F:3



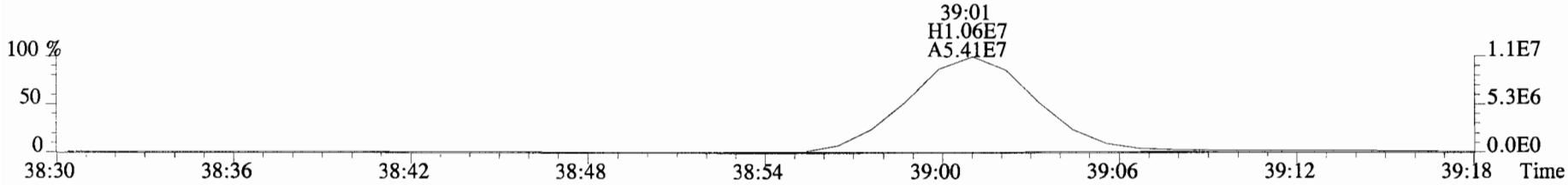
File:180315E1 #1-756 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3144.0,0.00%,F,F)



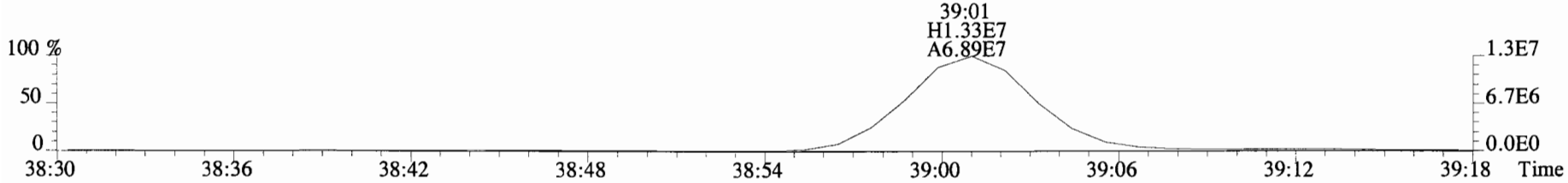
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2520.0,0.00%,F,F)



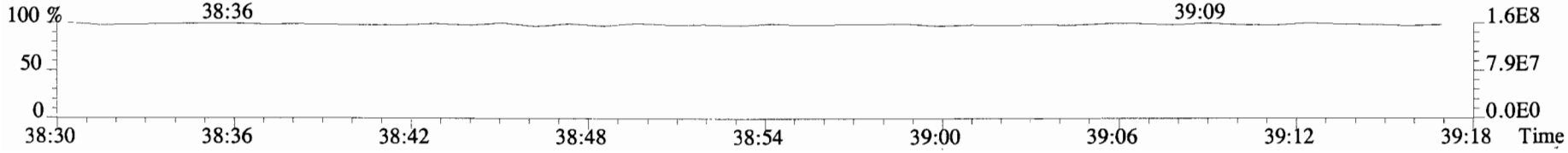
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74060.0,0.00%,F,F)



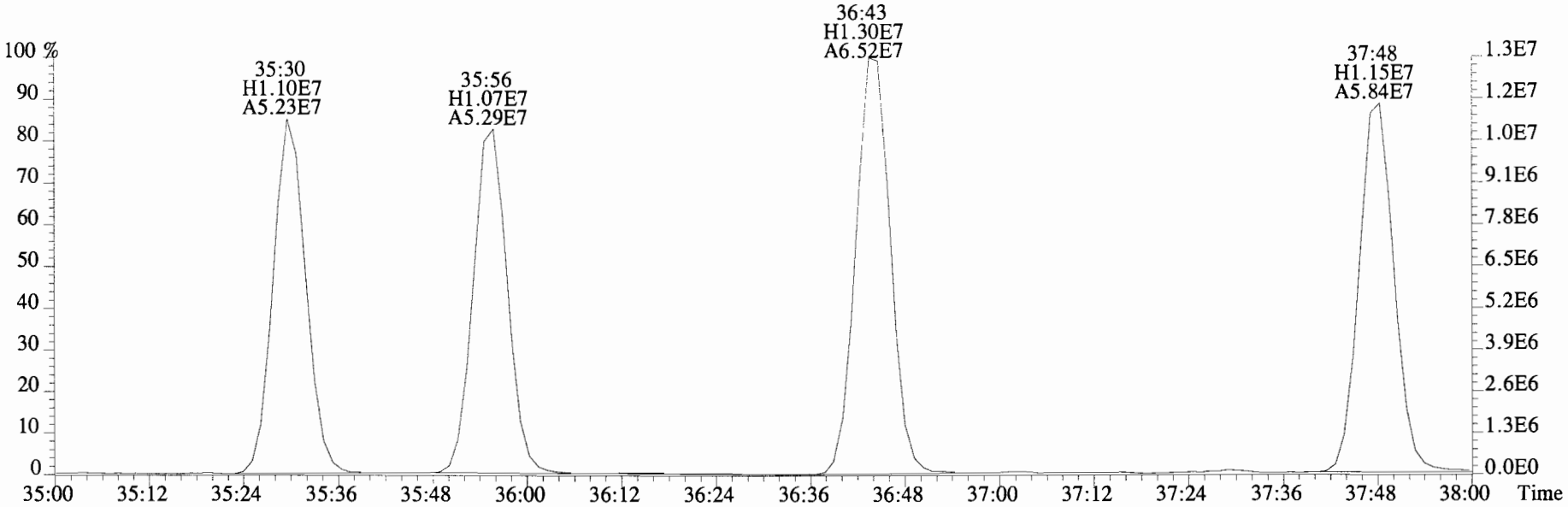
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36944.0,0.00%,F,F)



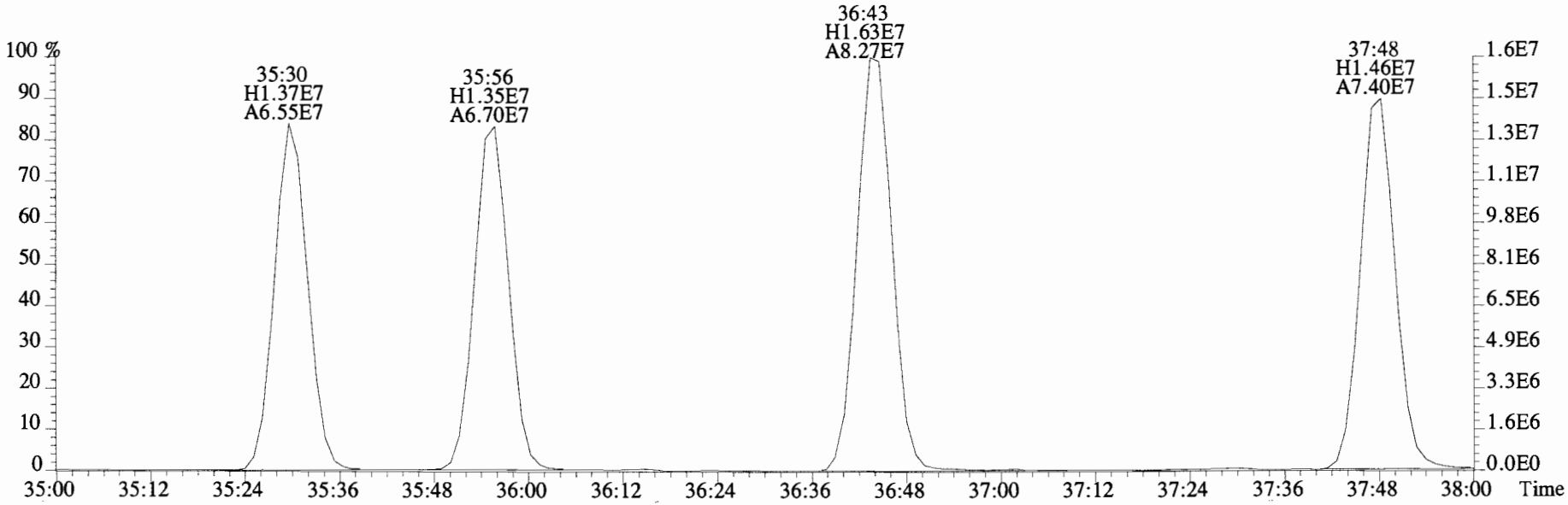
330.9792 S:6 F:3



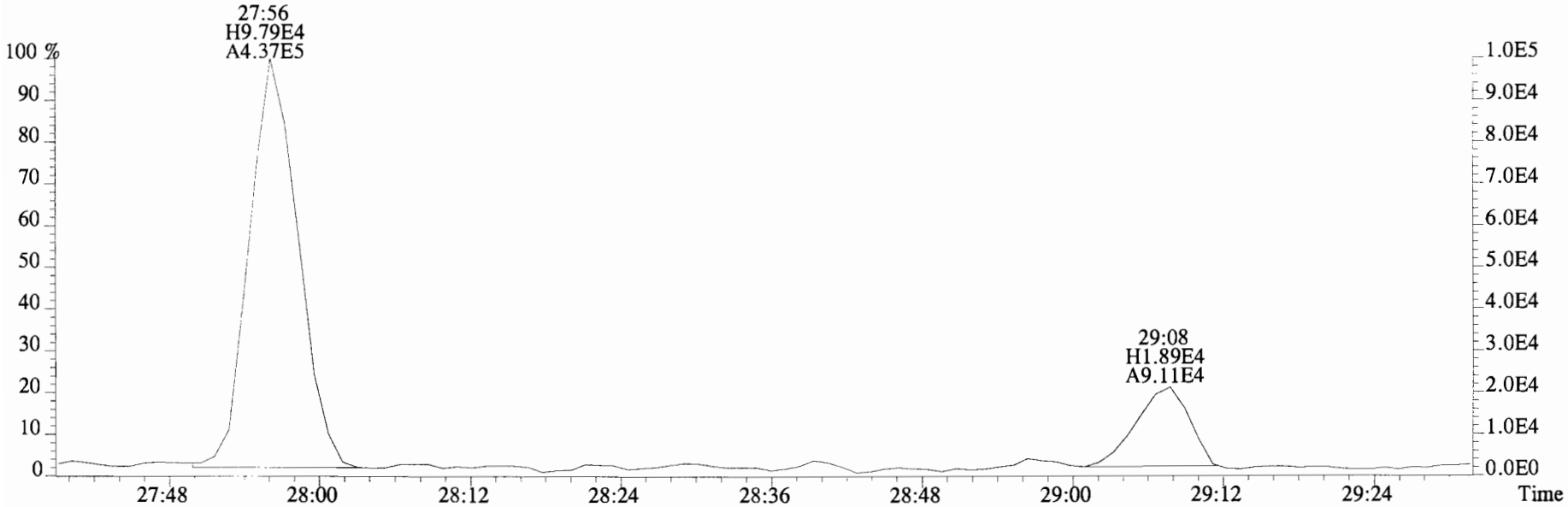
File:180315E1 #1-756 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74060.0,0.00%,F,F)



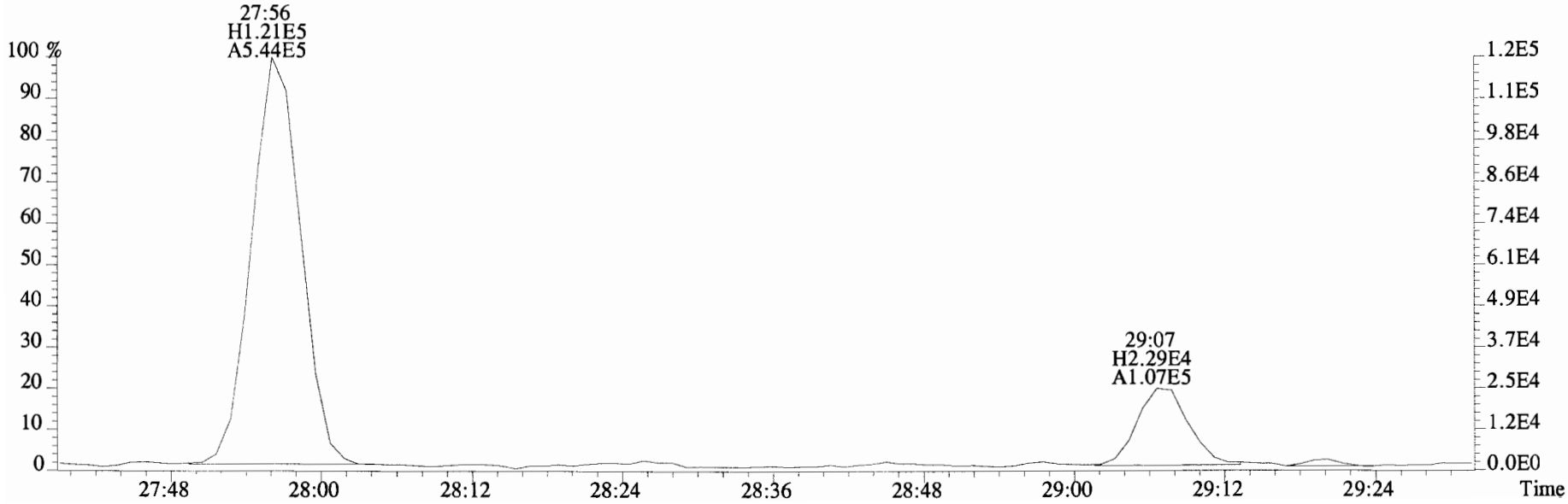
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36944.0,0.00%,F,F)



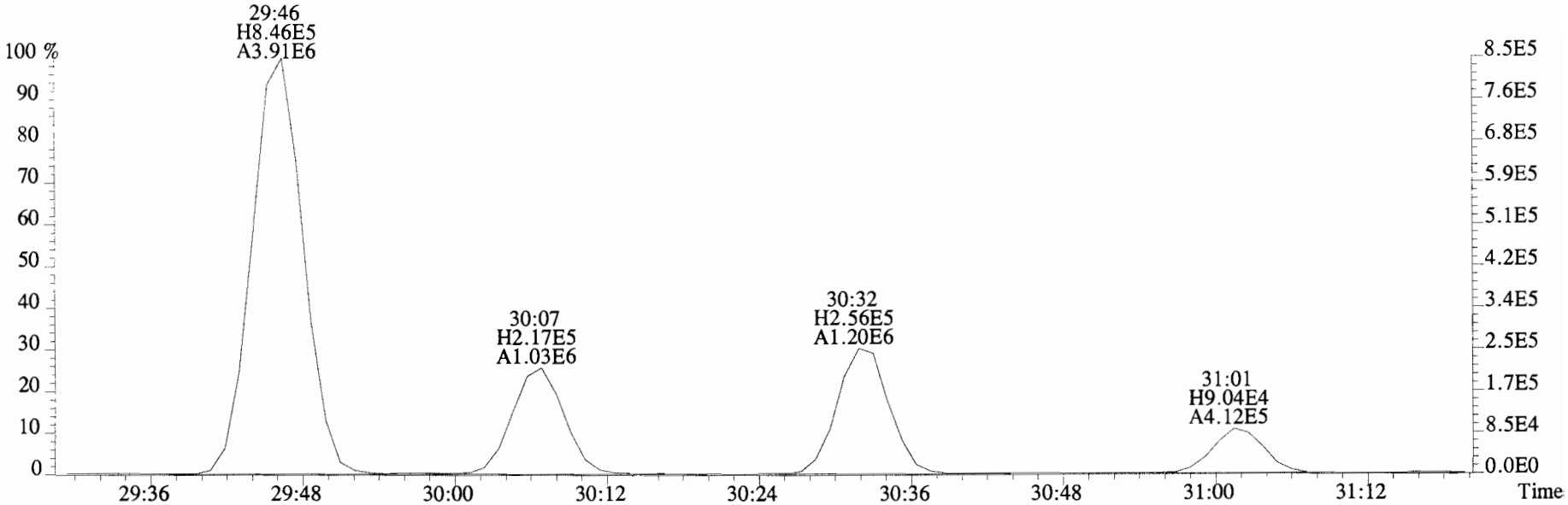
File:180315E1 #1-756 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3144.0,0.00%,F,F)



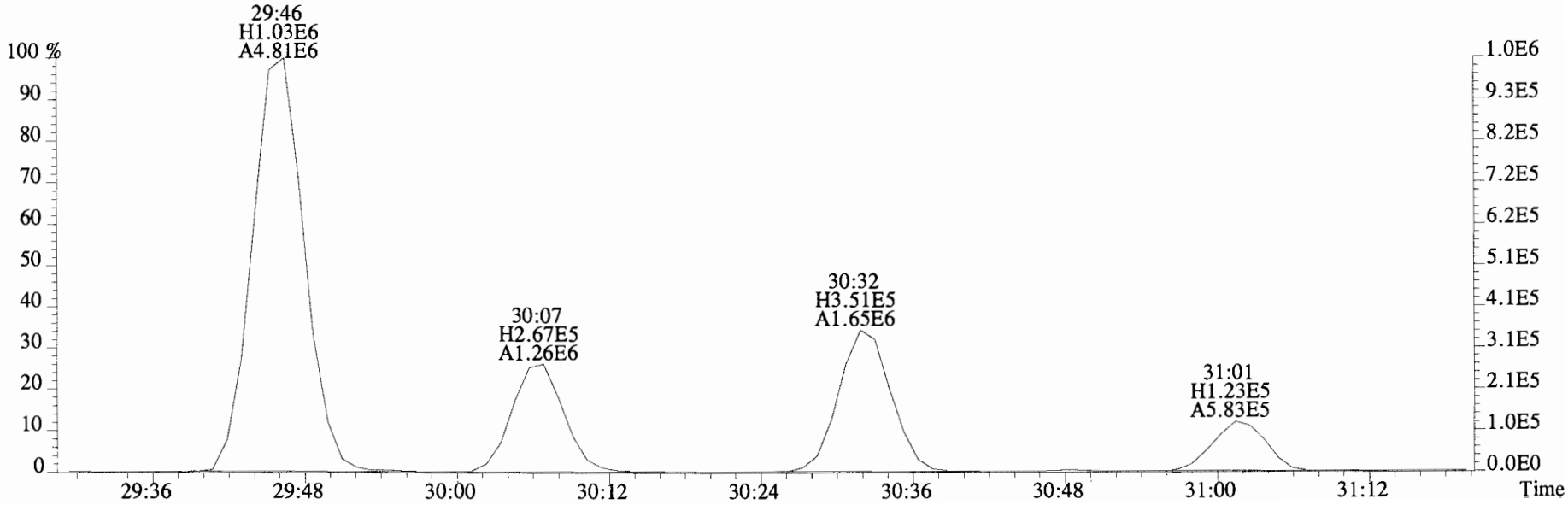
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2520.0,0.00%,F,F)



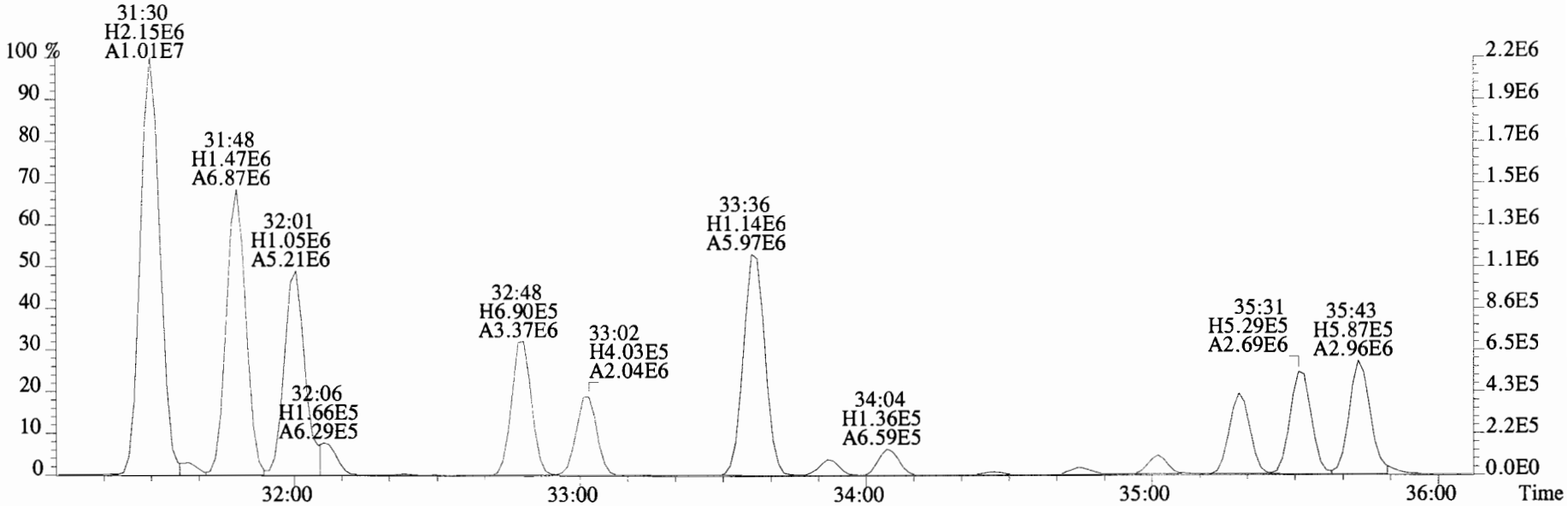
File:180315E1 #1-756 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3144.0,0.00%,F,F)



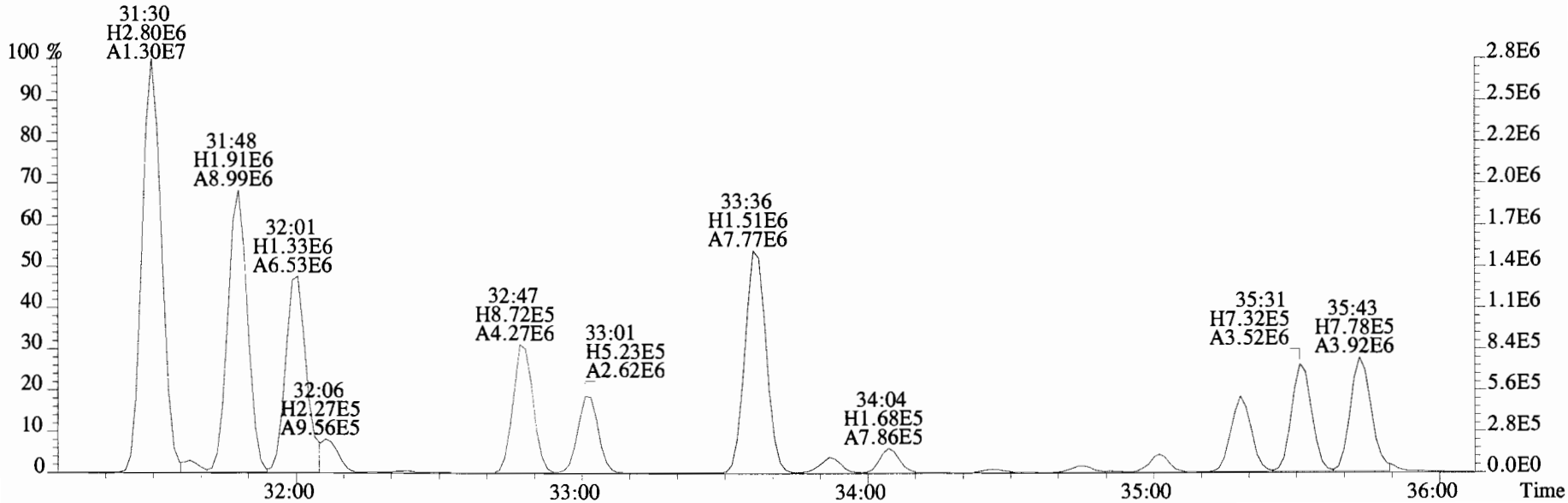
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2520.0,0.00%,F,F)



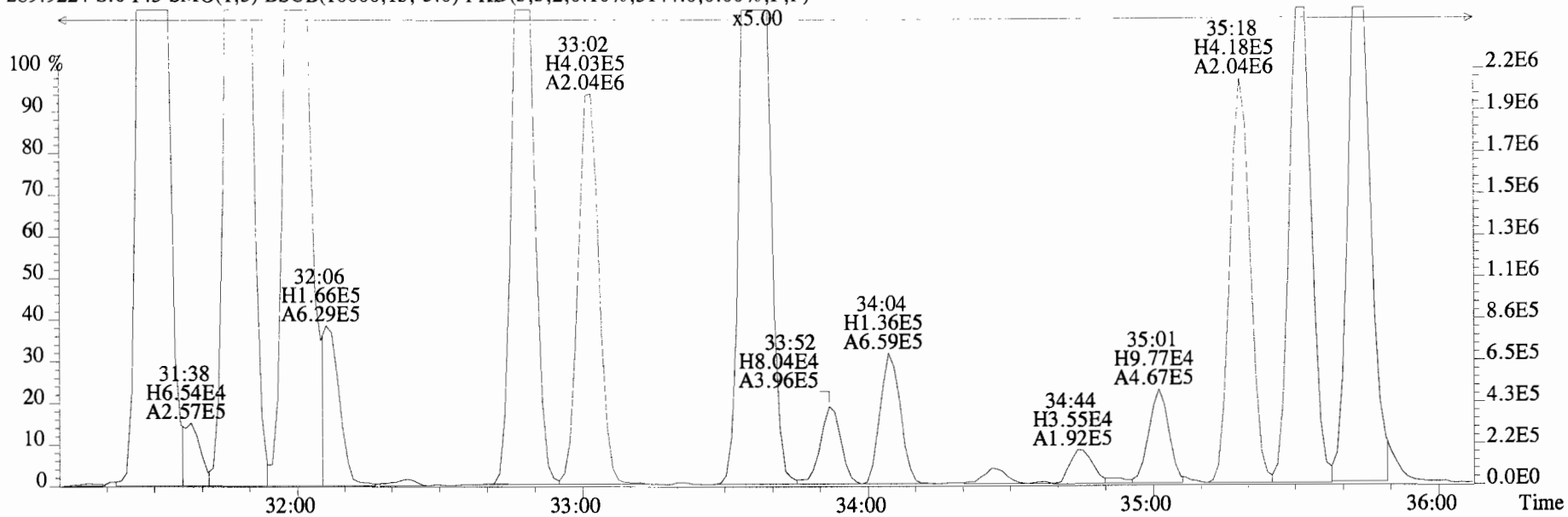
File:180315E1 #1-756 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3144.0,0.00%,F,F)



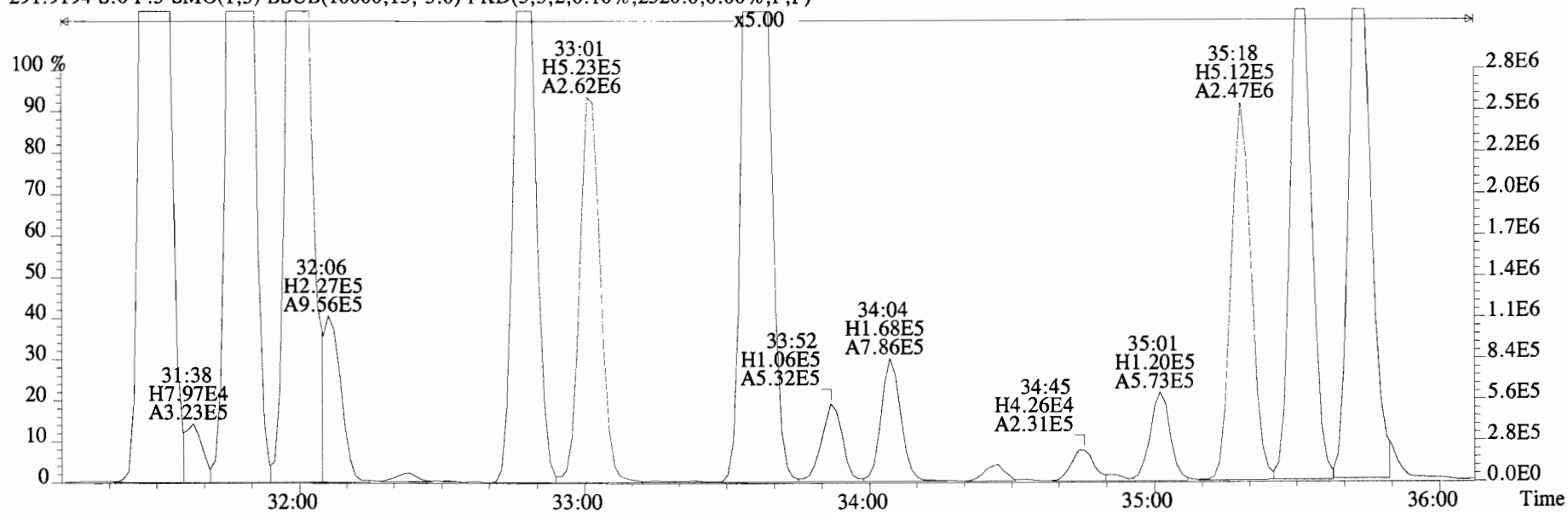
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2520.0,0.00%,F,F)



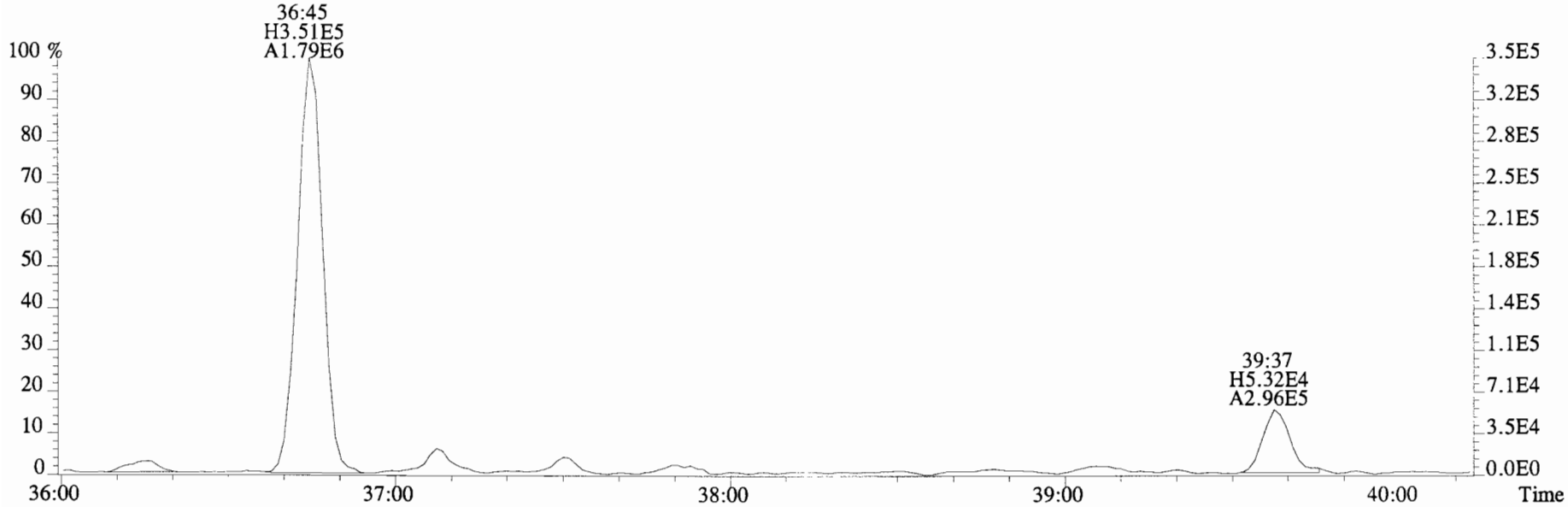
File:180315E1 #1-756 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3144.0,0.00%,F,F)



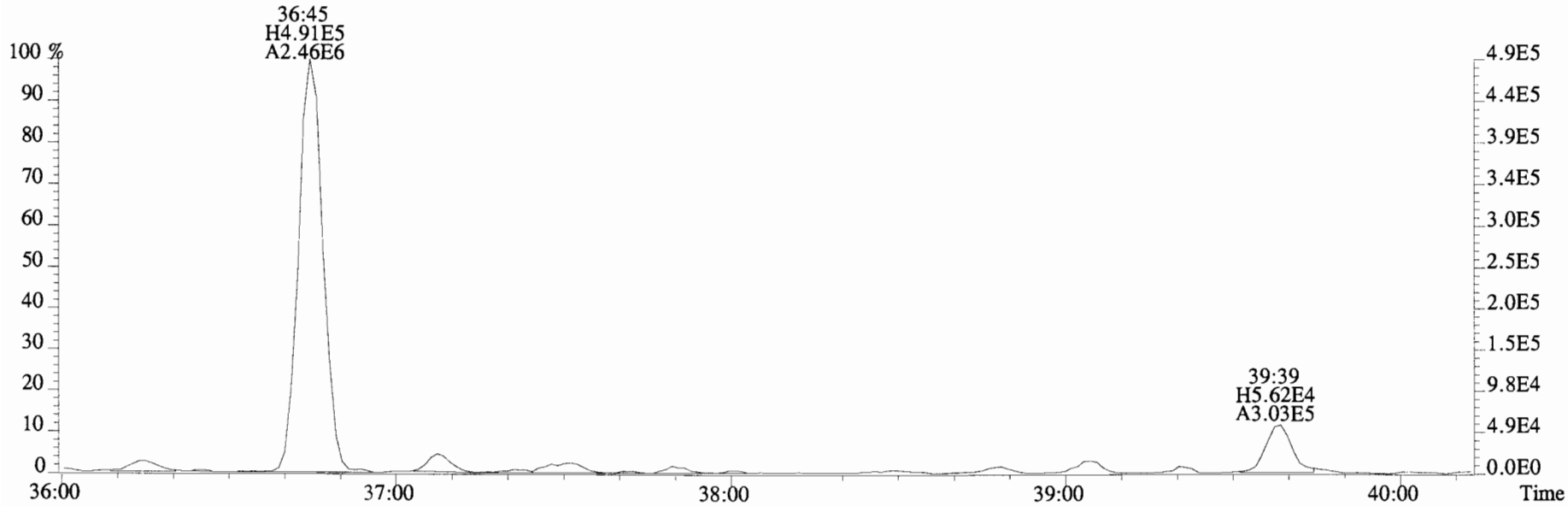
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2520.0,0.00%,F,F)



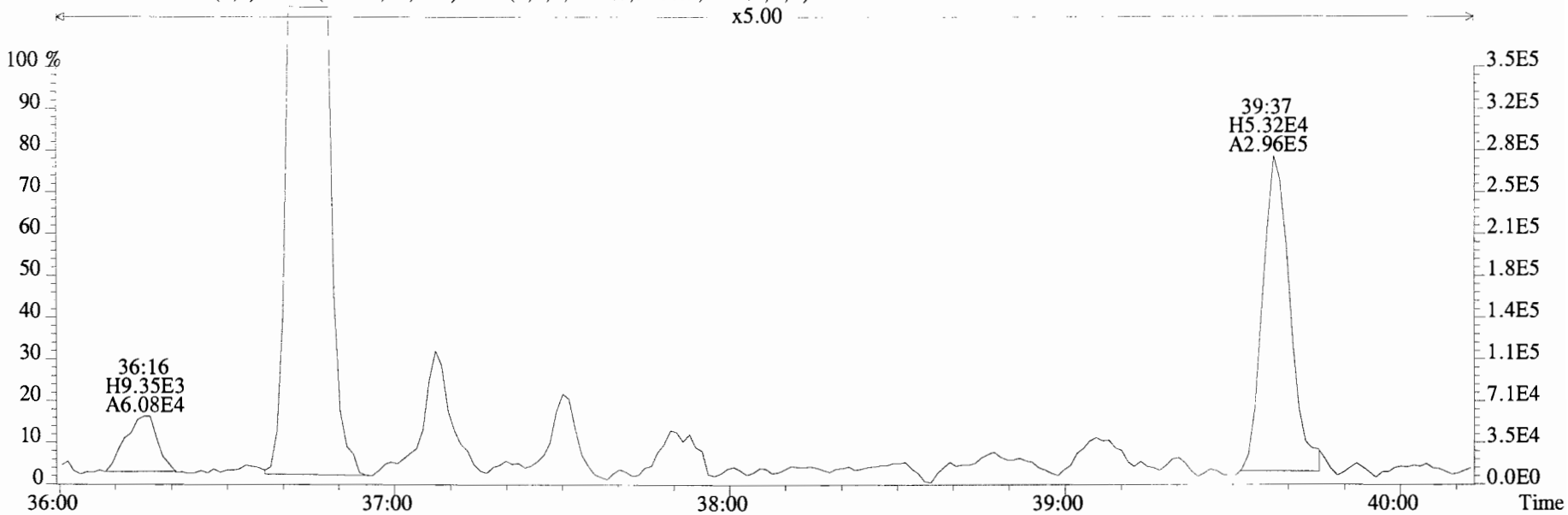
File:180315E1 #1-756 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3144.0,0.00%,F,F)



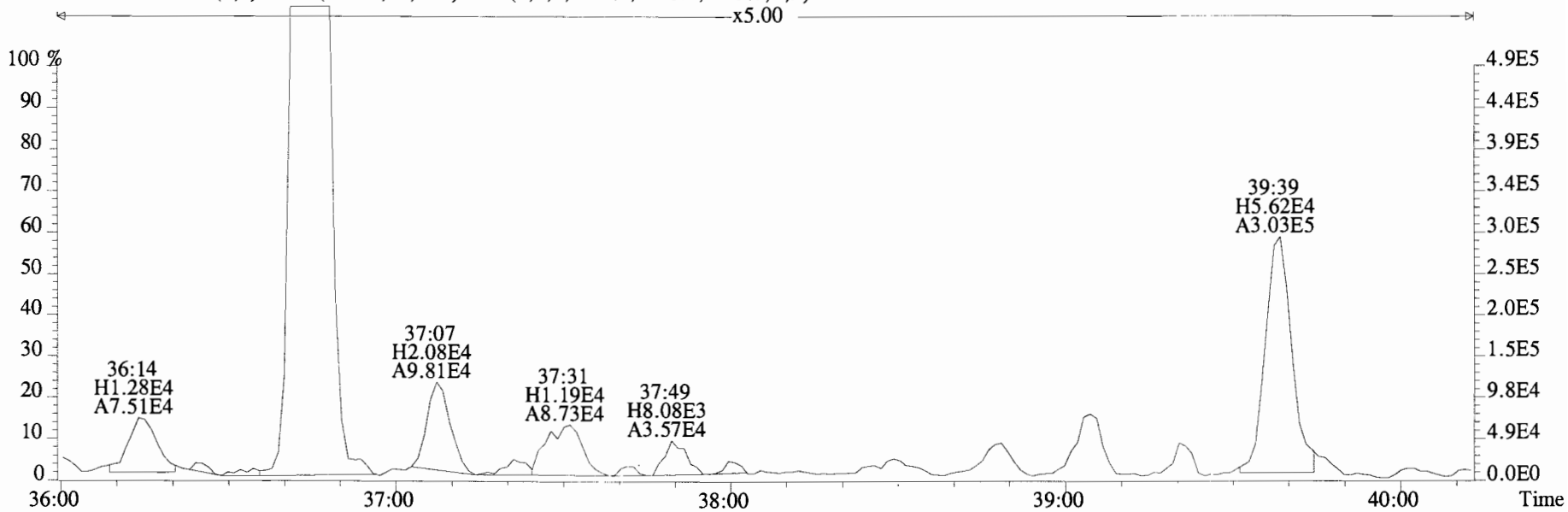
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2520.0,0.00%,F,F)



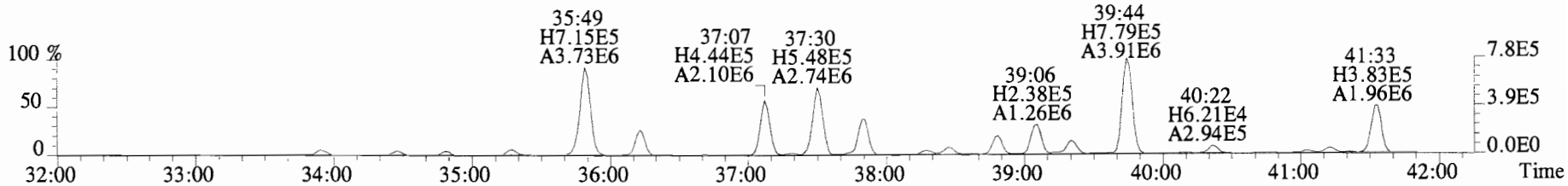
File:180315E1 #1-756 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3144.0,0.00%,F,F)



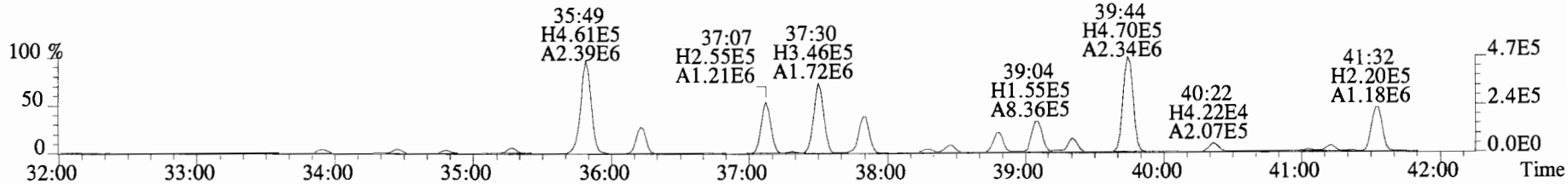
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2520.0,0.00%,F,F)



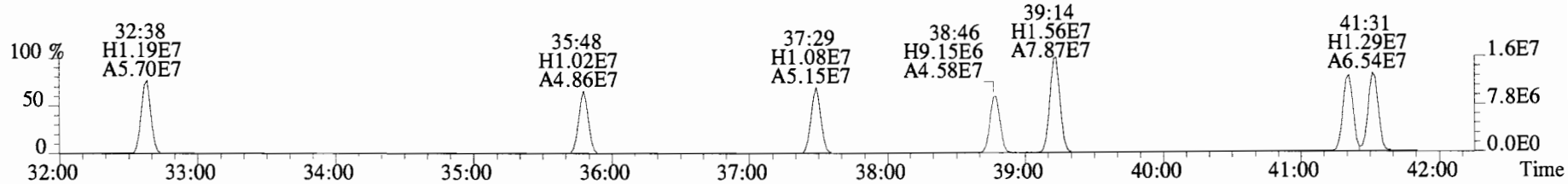
File:180315E1 #1-756 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2260.0,0.00%,F,F)



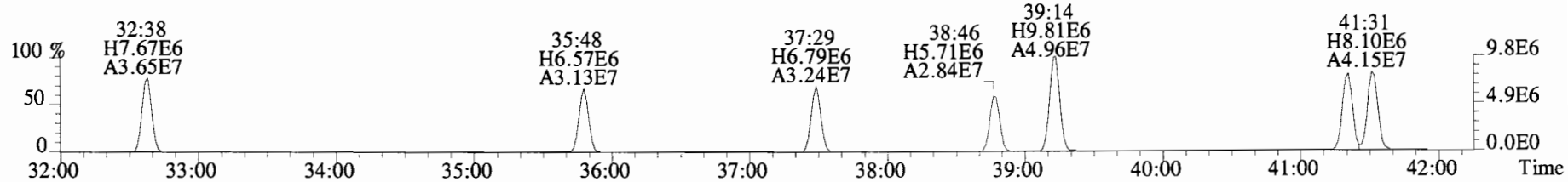
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2164.0,0.00%,F,F)



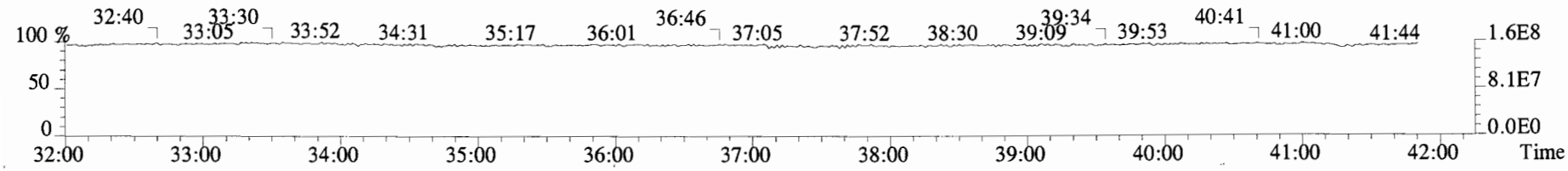
337.9207 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5724.0,0.00%,F,F)



339.9177 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4004.0,0.00%,F,F)

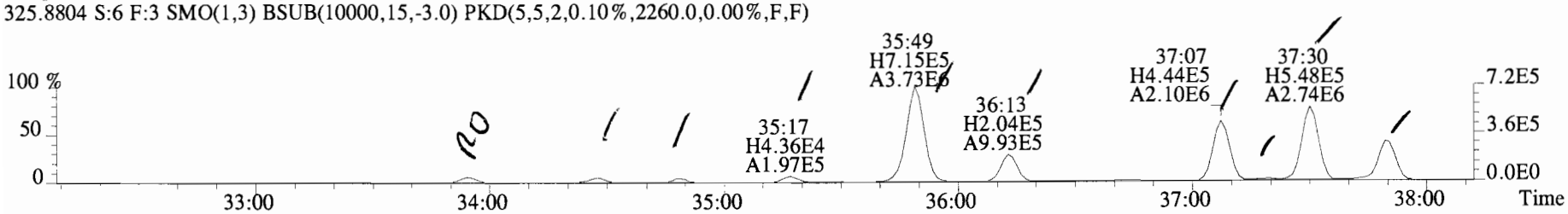


330.9792 S:6 F:3

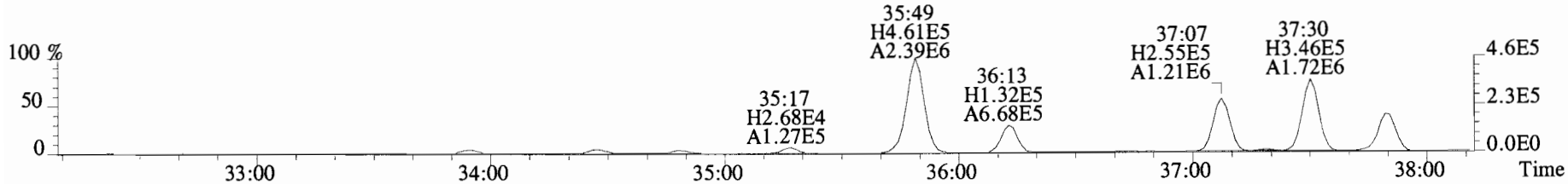


File:180315E1 #1-756 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1

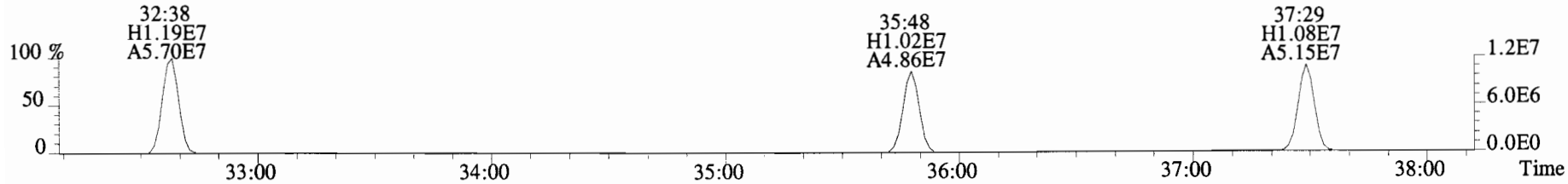
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2260.0,0.00%,F,F)



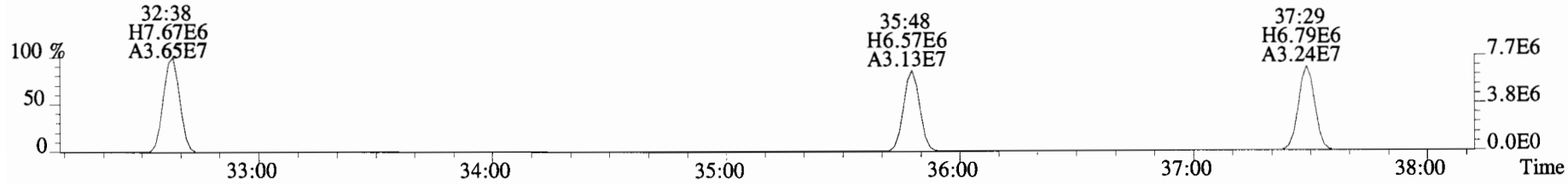
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2164.0,0.00%,F,F)



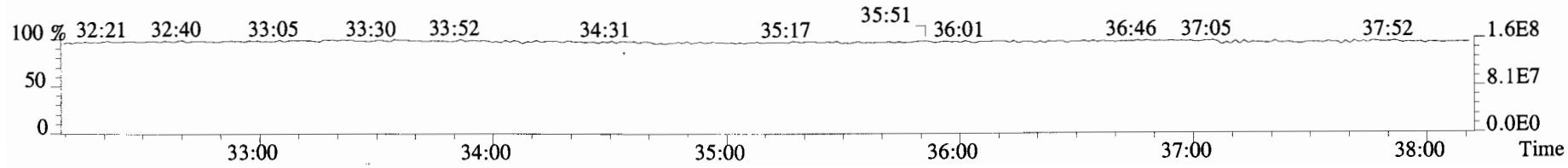
337.9207 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5724.0,0.00%,F,F)



339.9177 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4004.0,0.00%,F,F)

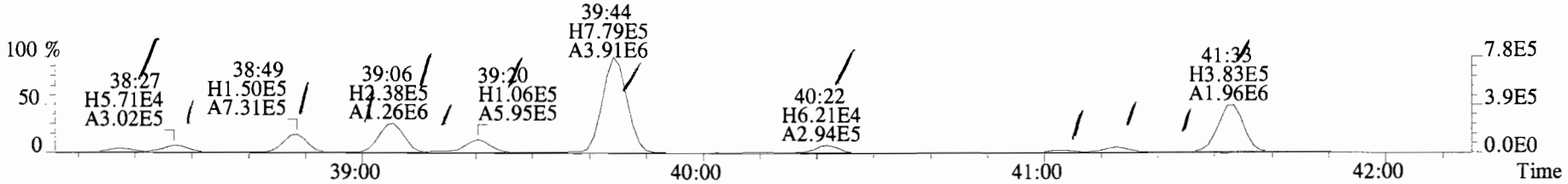


330.9792 S:6 F:3

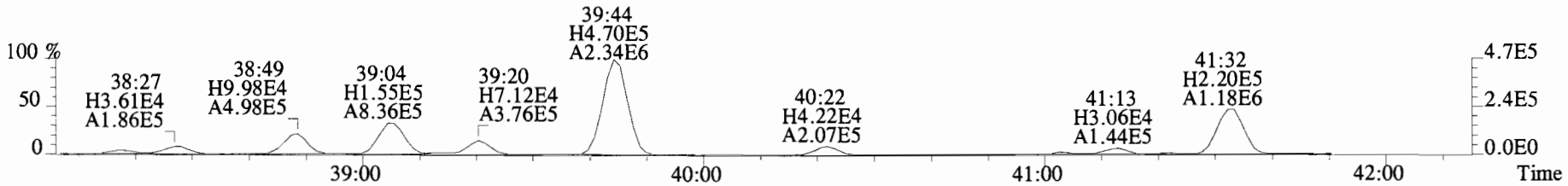


File:180315E1 #1-756 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1

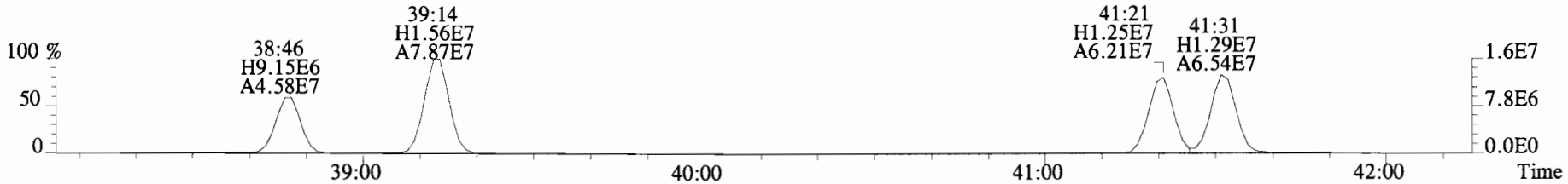
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2260.0,0.00%,F,F)



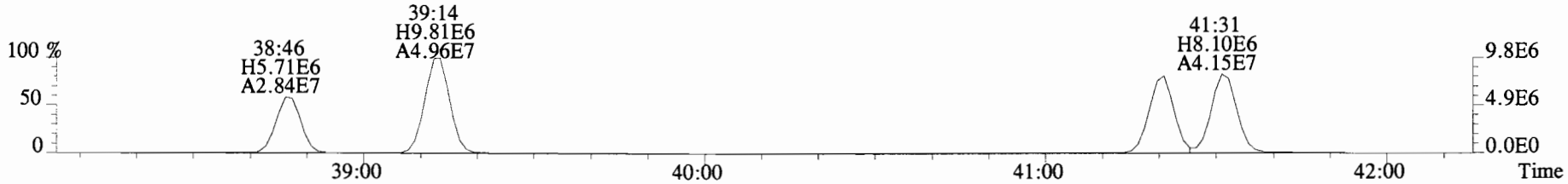
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2164.0,0.00%,F,F)



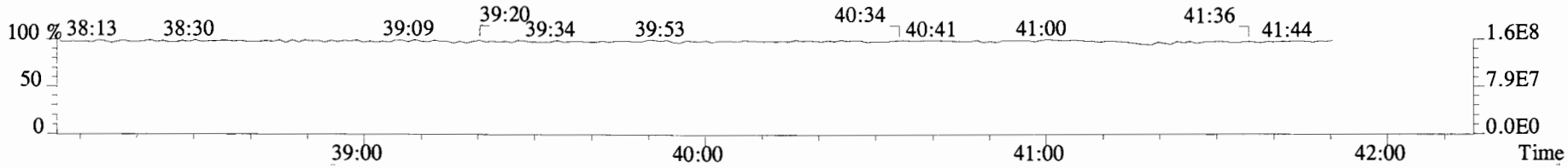
337.9207 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5724.0,0.00%,F,F)



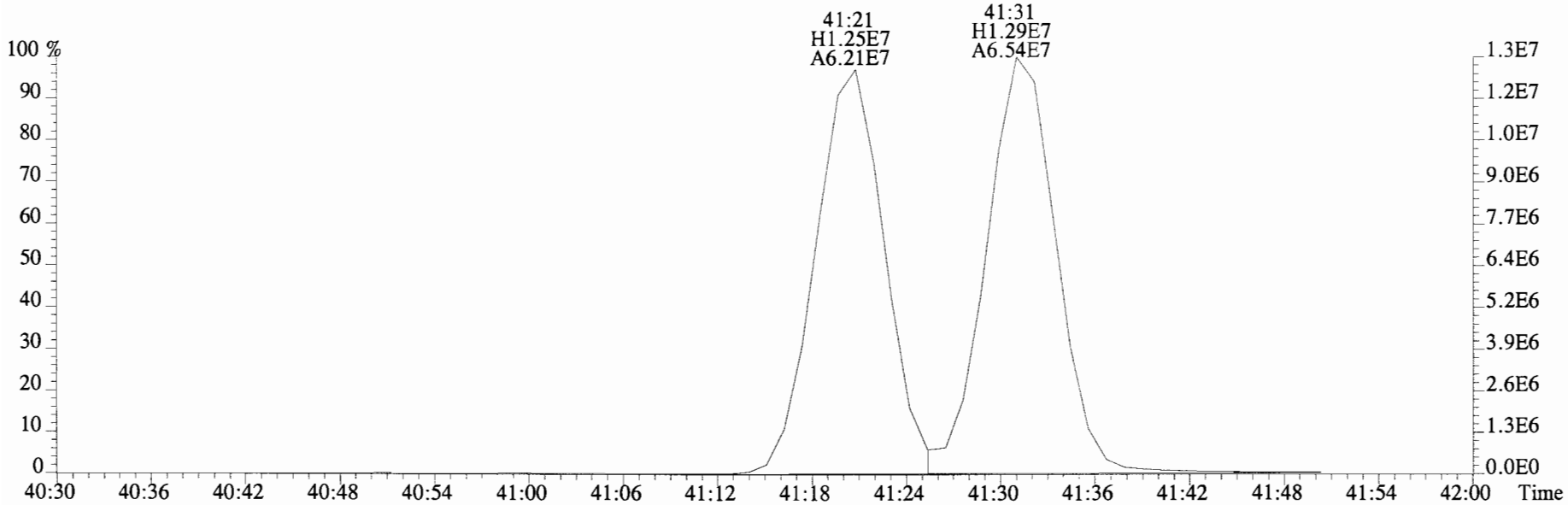
339.9177 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4004.0,0.00%,F,F)



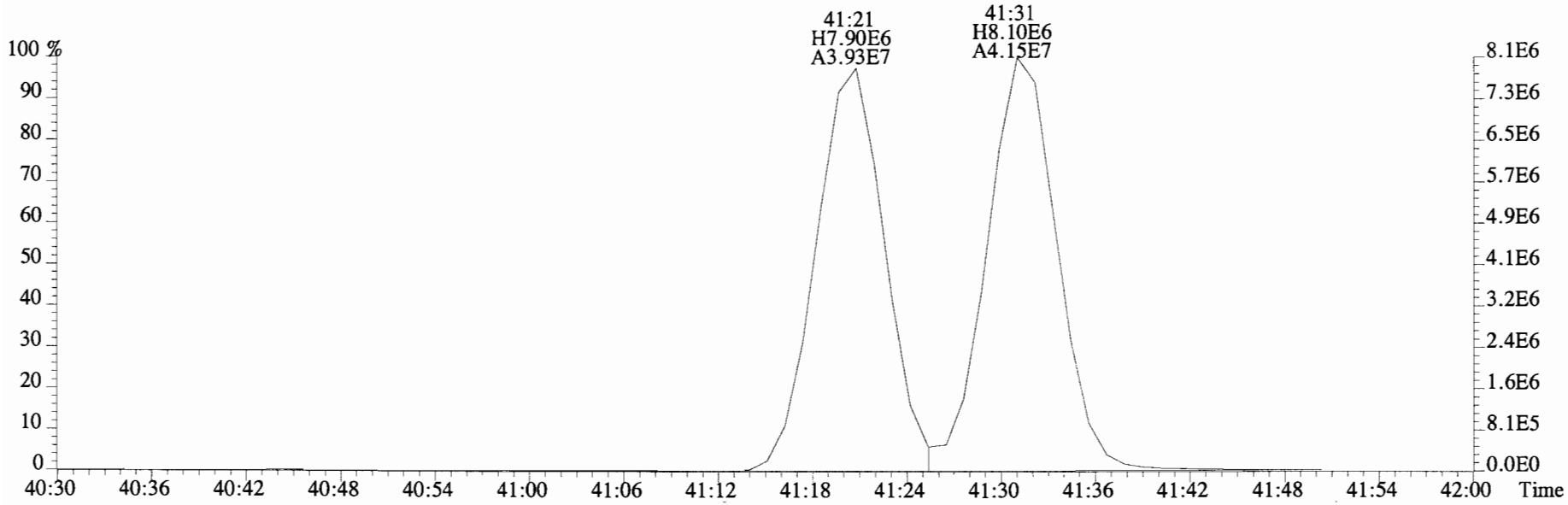
330.9792 S:6 F:3



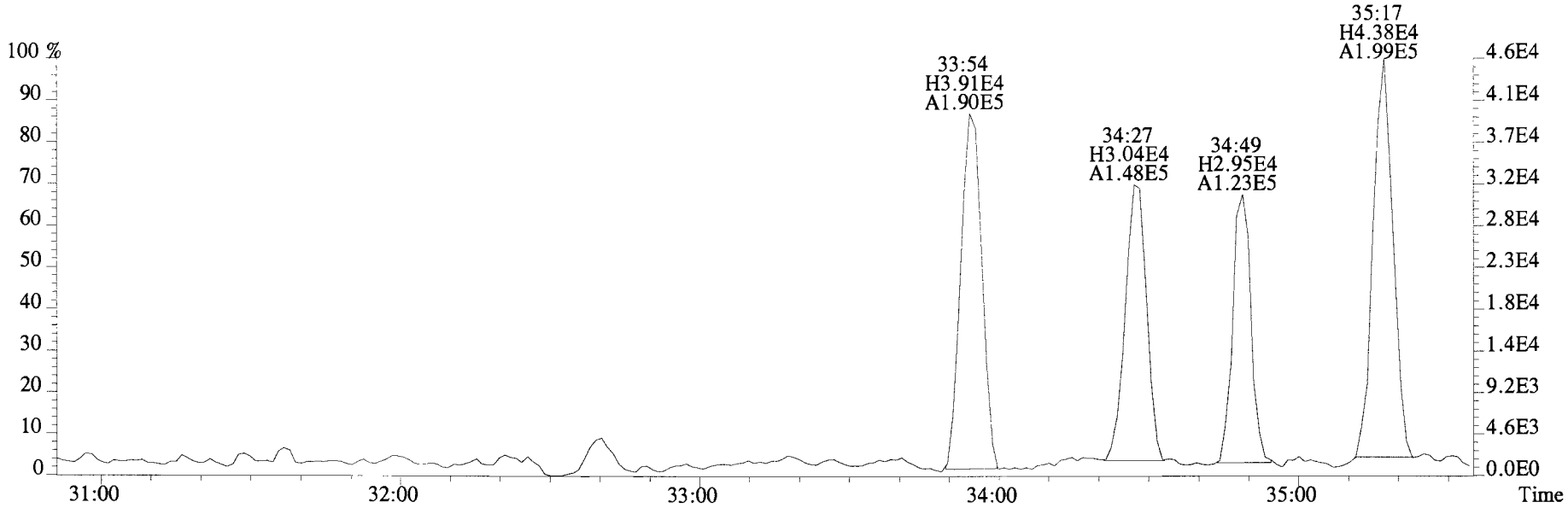
File:180315E1 #1-756 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
337.9207 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5724.0,0.00%,F,F)



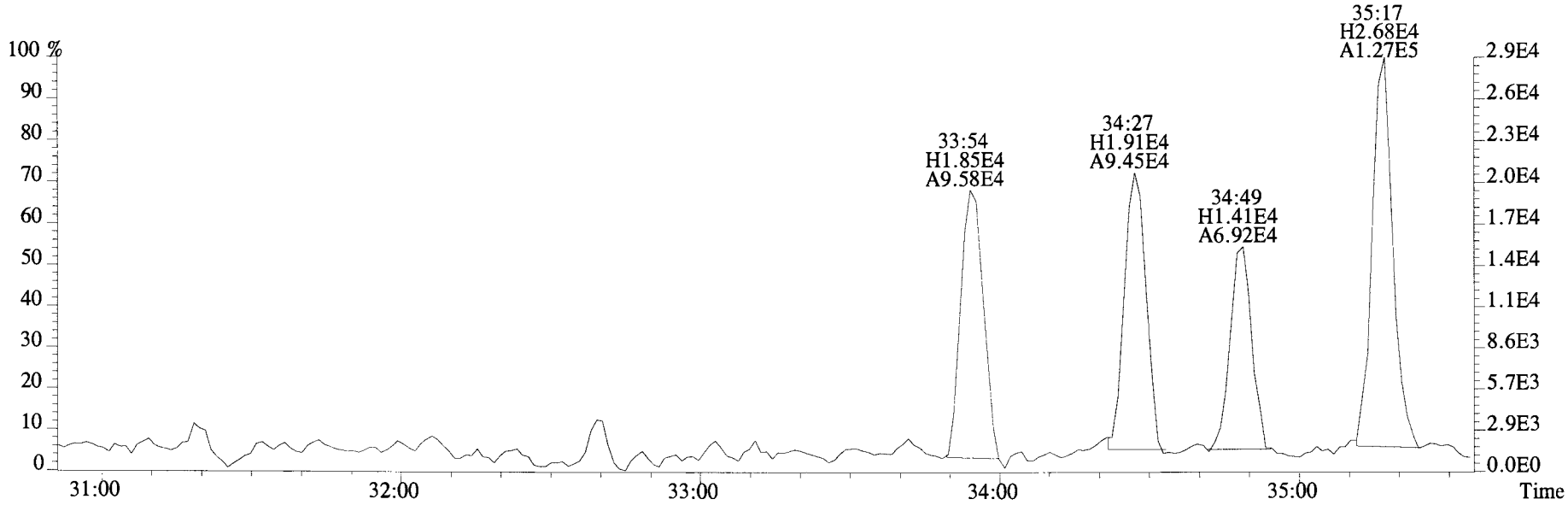
339.9177 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4004.0,0.00%,F,F)



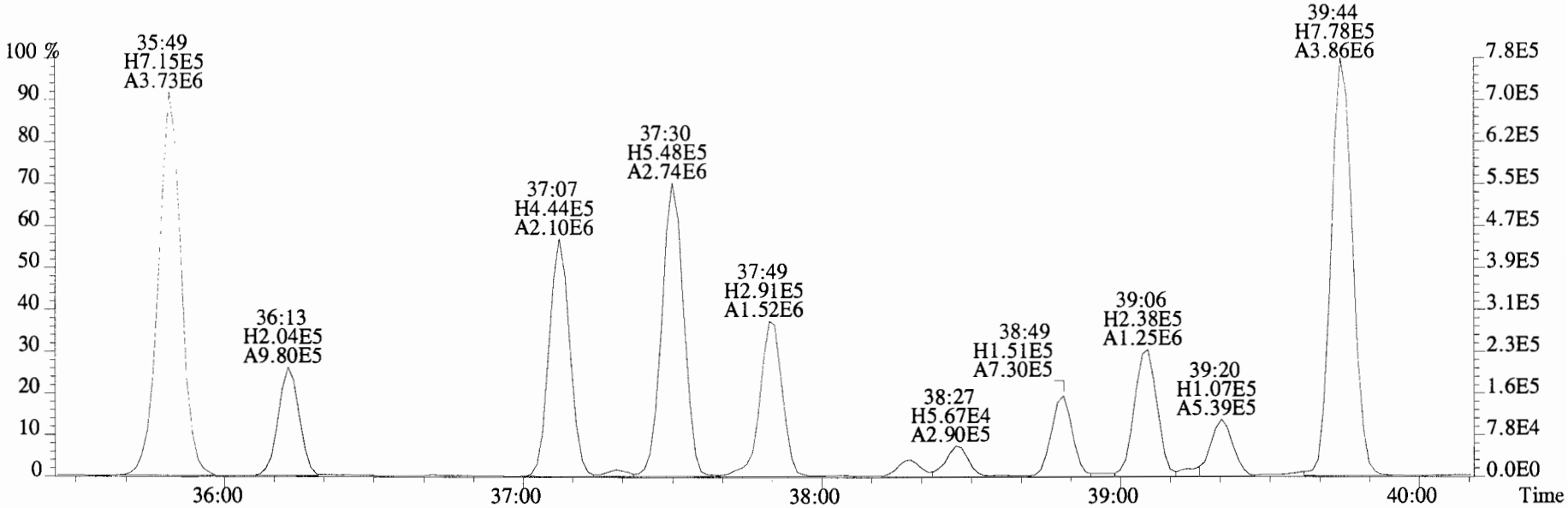
File:180315E1 #1-756 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2260.0,0.00%,F,F)



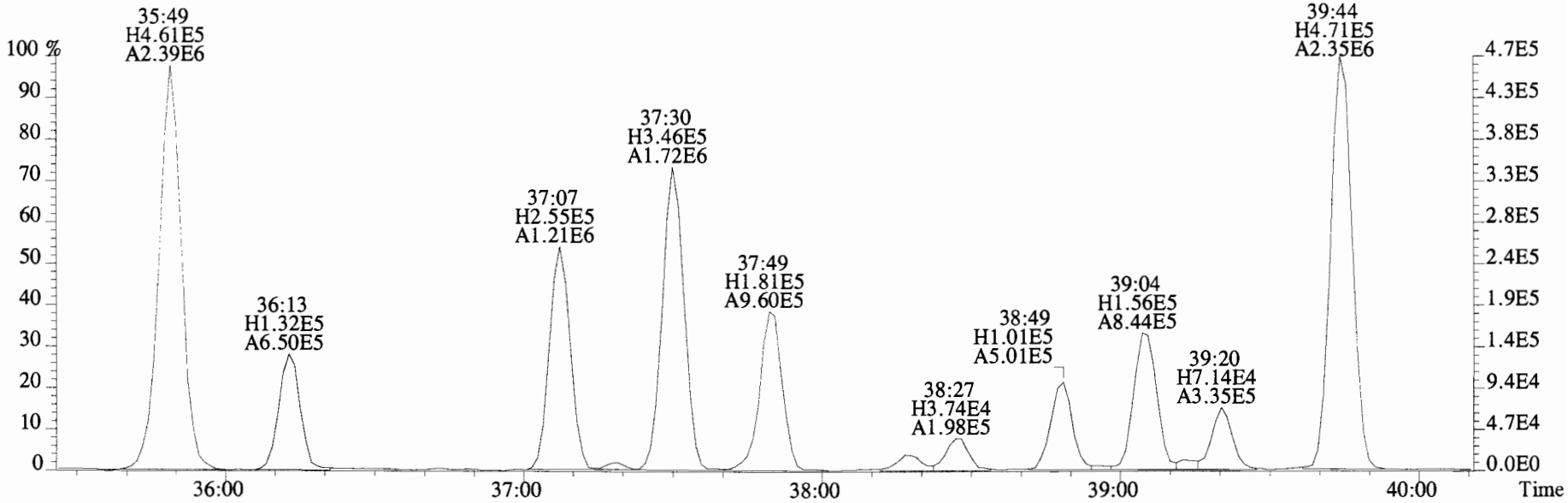
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2164.0,0.00%,F,F)



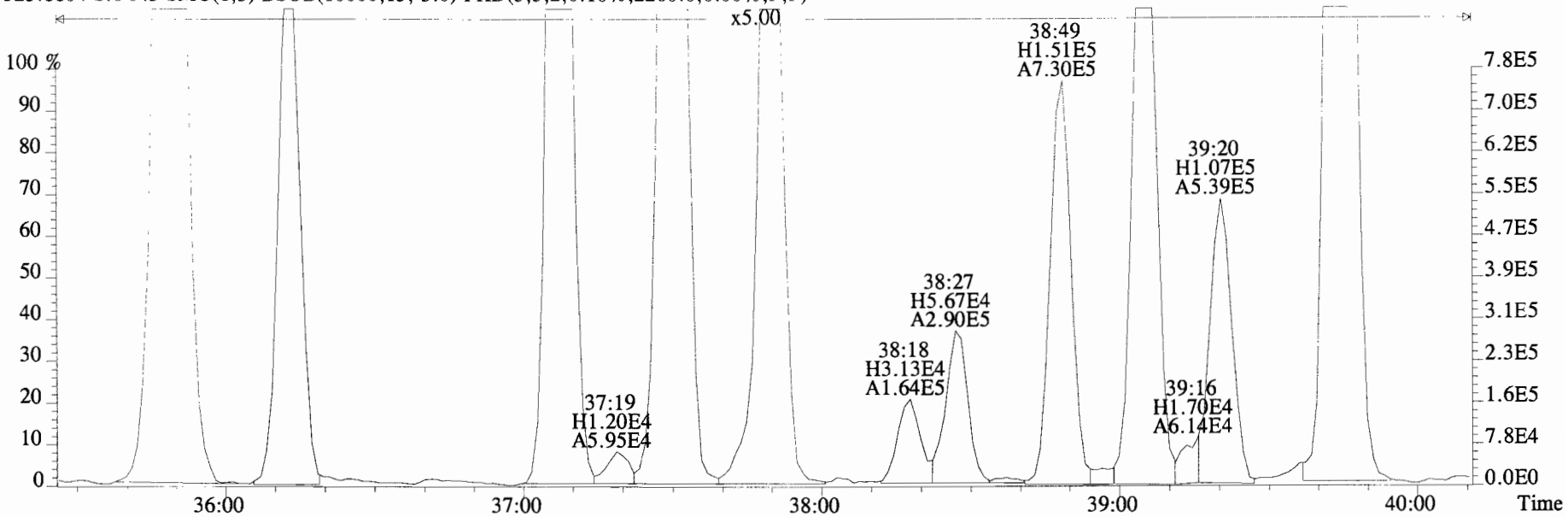
File:180315E1 #1-756 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2260.0,0.00%,F,F)



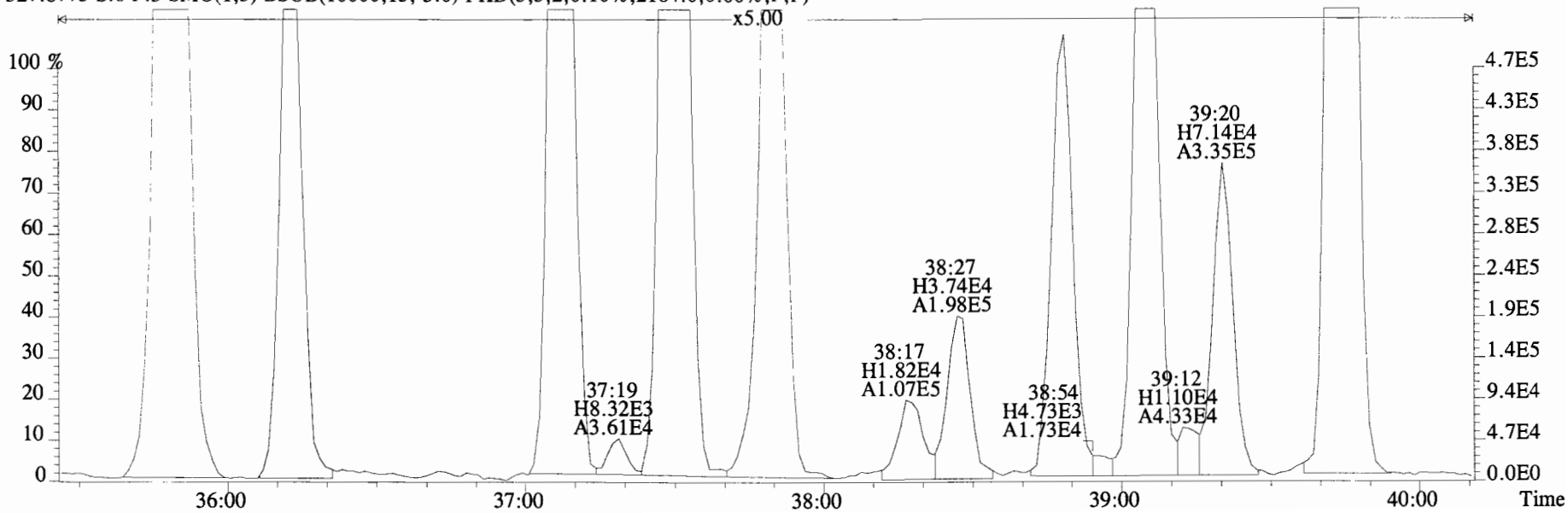
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2164.0,0.00%,F,F)



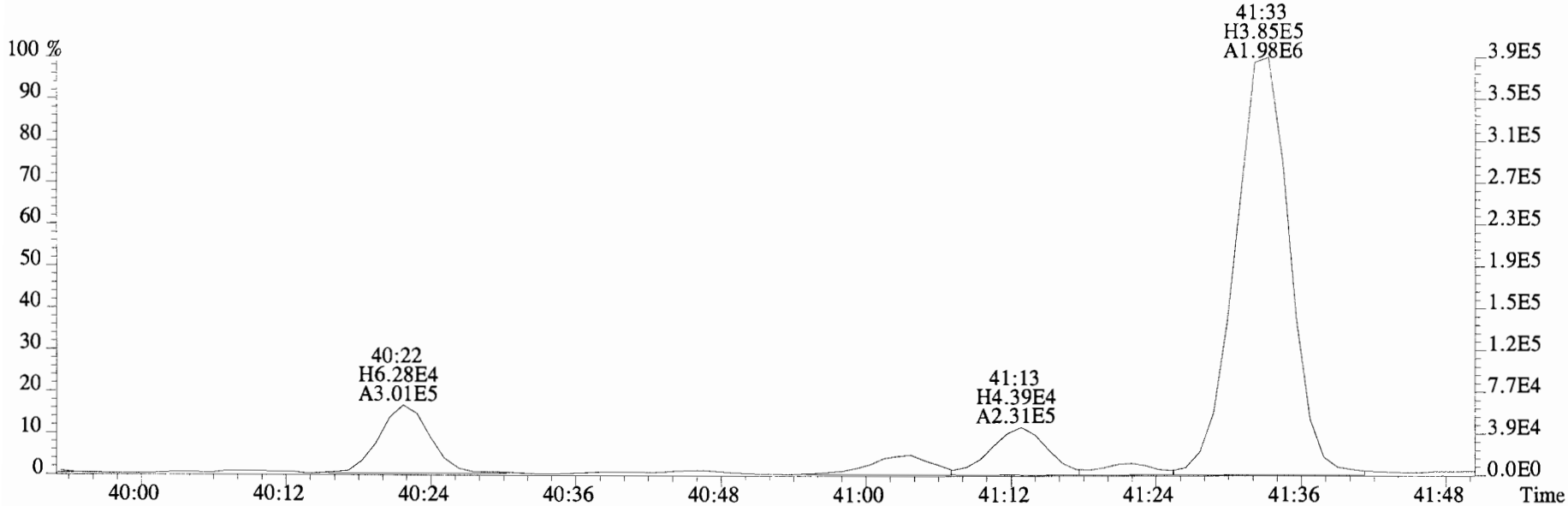
File:180315E1 #1-756 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2260.0,0.00%,F,F)



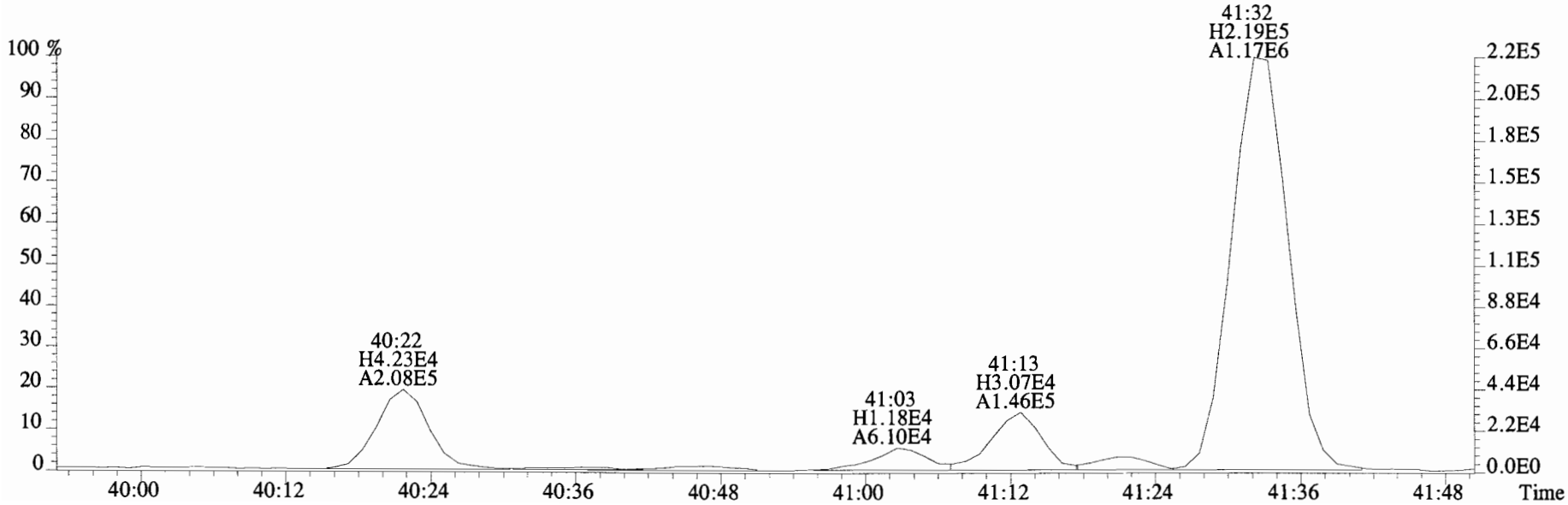
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2164.0,0.00%,F,F)



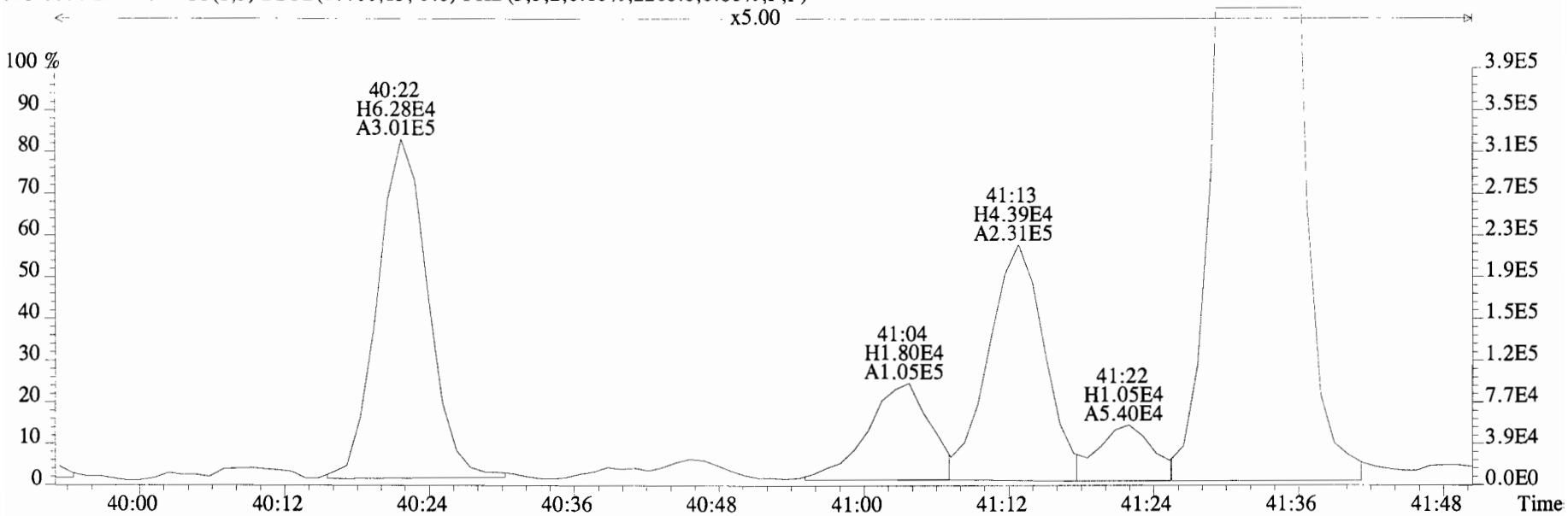
File:180315E1 #1-75o Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2260.0,0.00%,F,F)



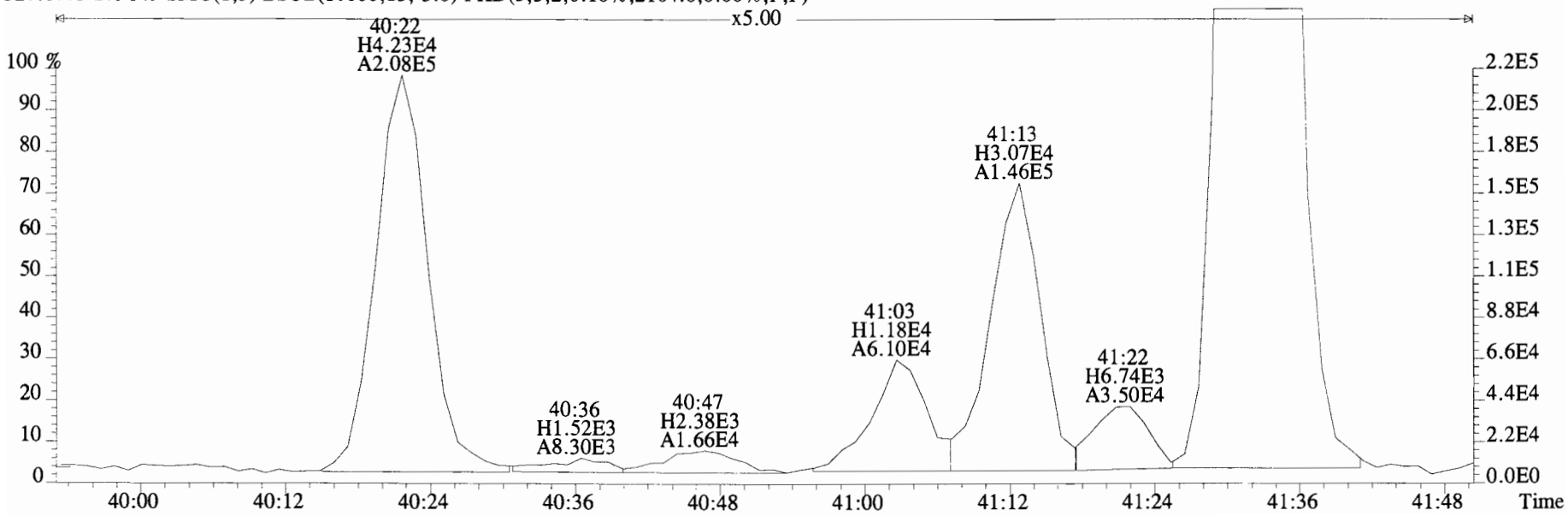
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2164.0,0.00%,F,F)



File:180315E1 #1-756 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2260.0,0.00%,F,F)

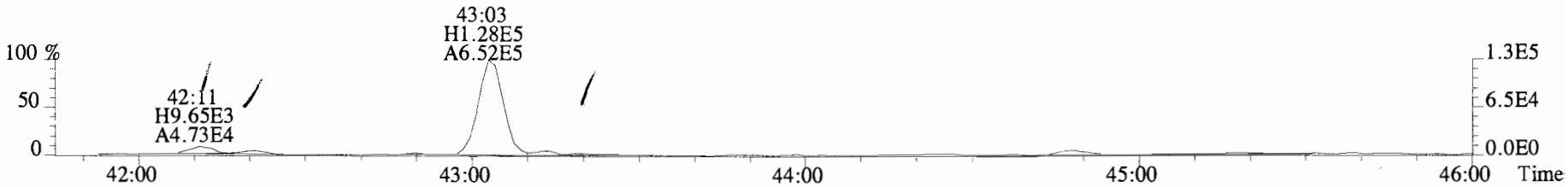


327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2164.0,0.00%,F,F)

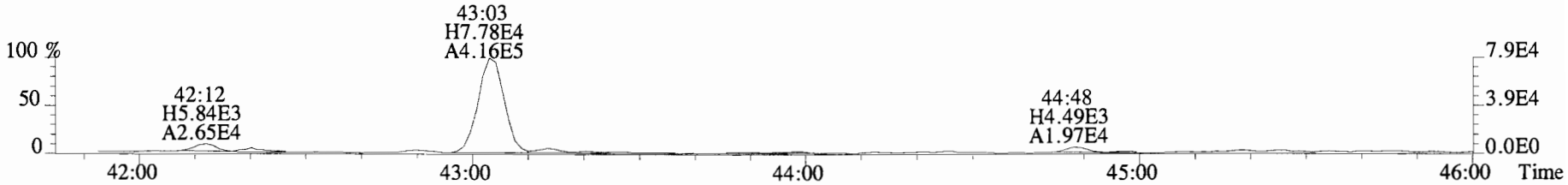


File:180315E1 #1-574 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1

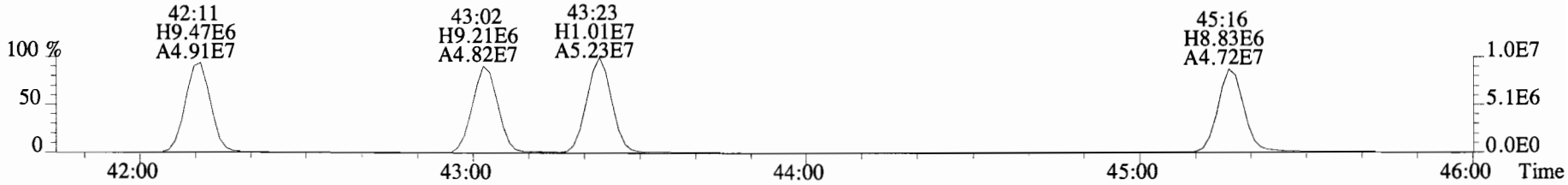
325.8804 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1720.0,0.00%,F,F)



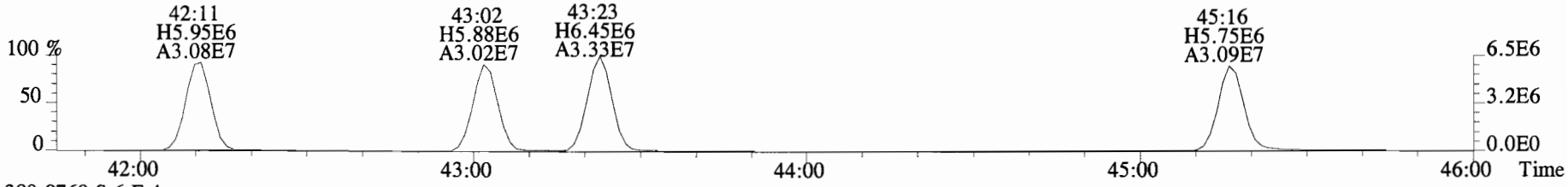
327.8775 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1692.0,0.00%,F,F)



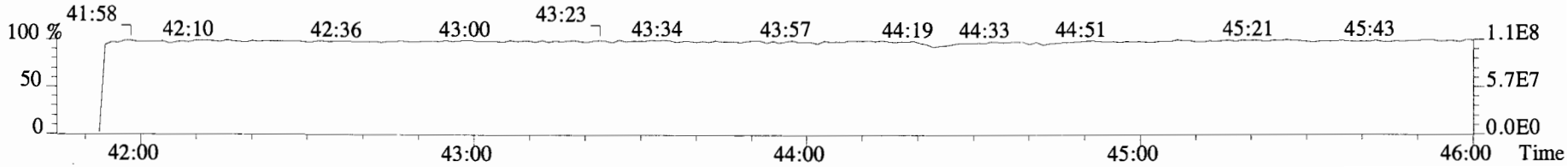
337.9207 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9336.0,0.00%,F,F)



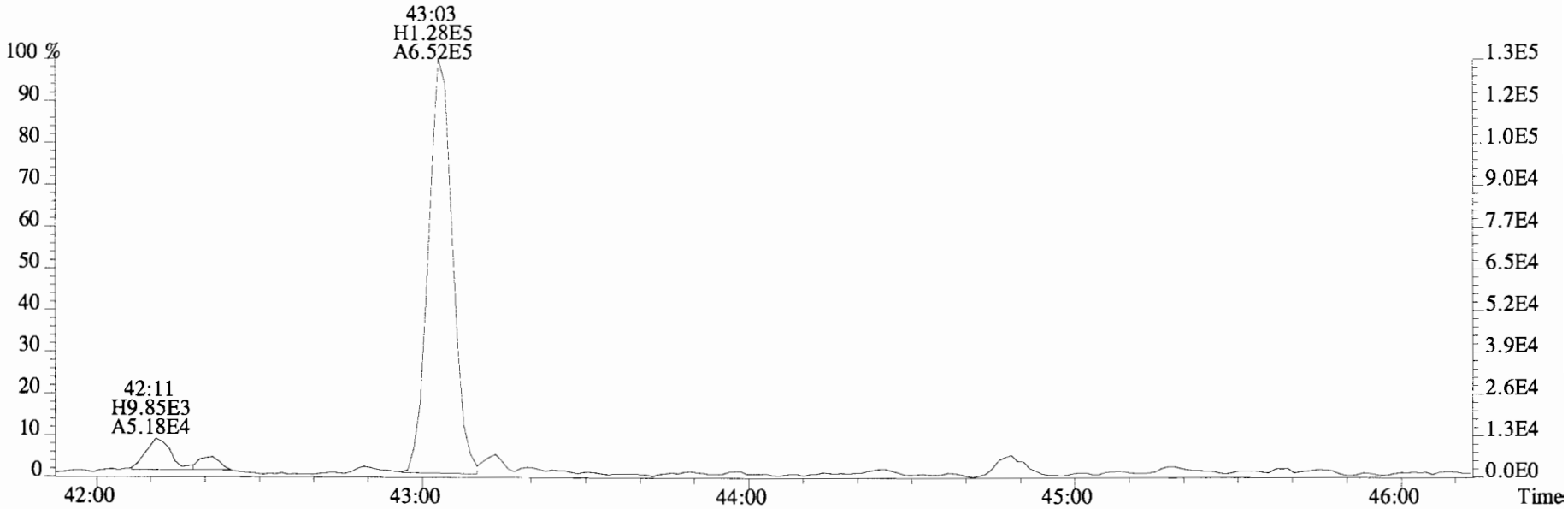
339.9177 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6156.0,0.00%,F,F)



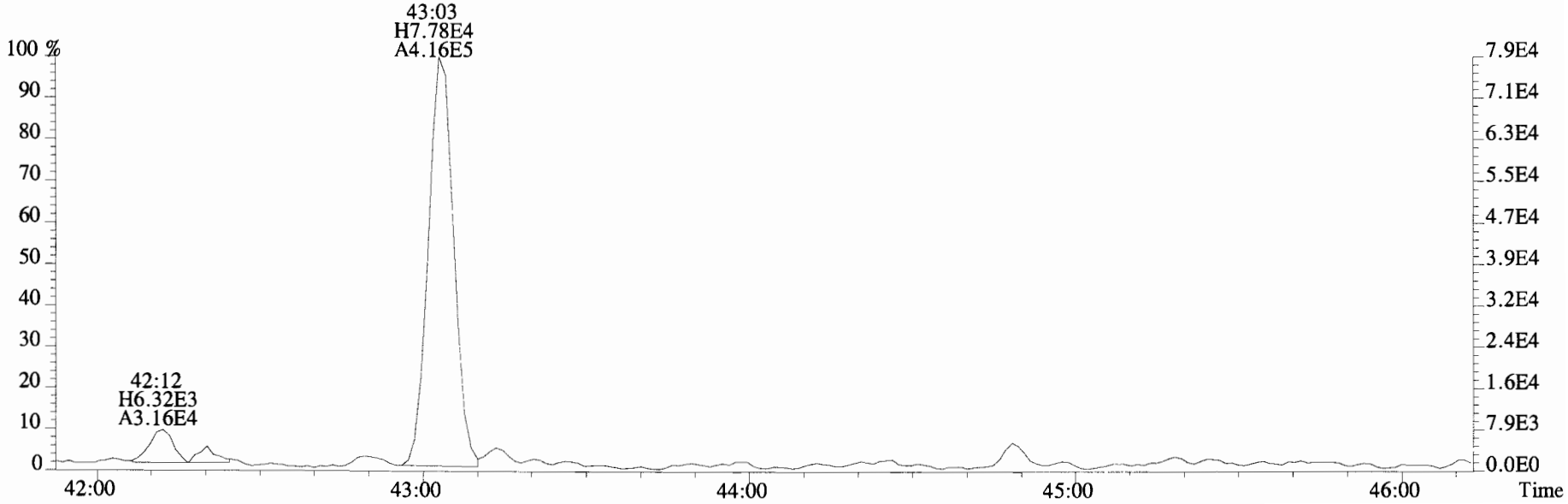
380.9760 S:6 F:4



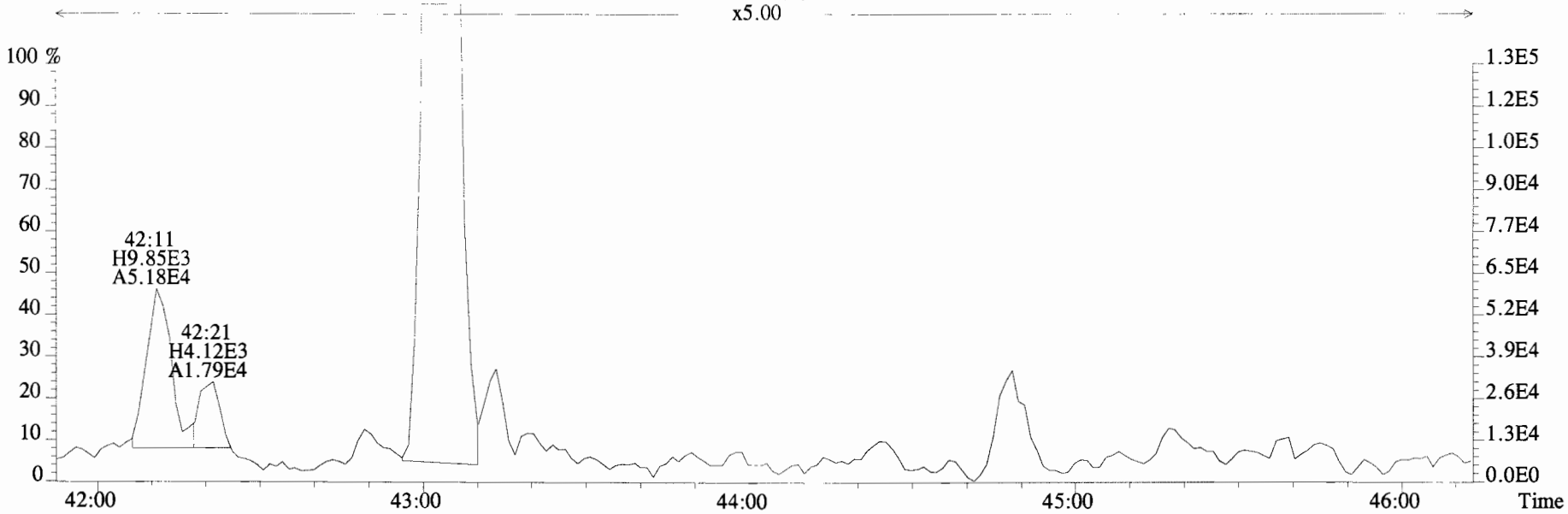
File:180315E1 #1-574 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
325.8804 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1720.0,0.00%,F,F)



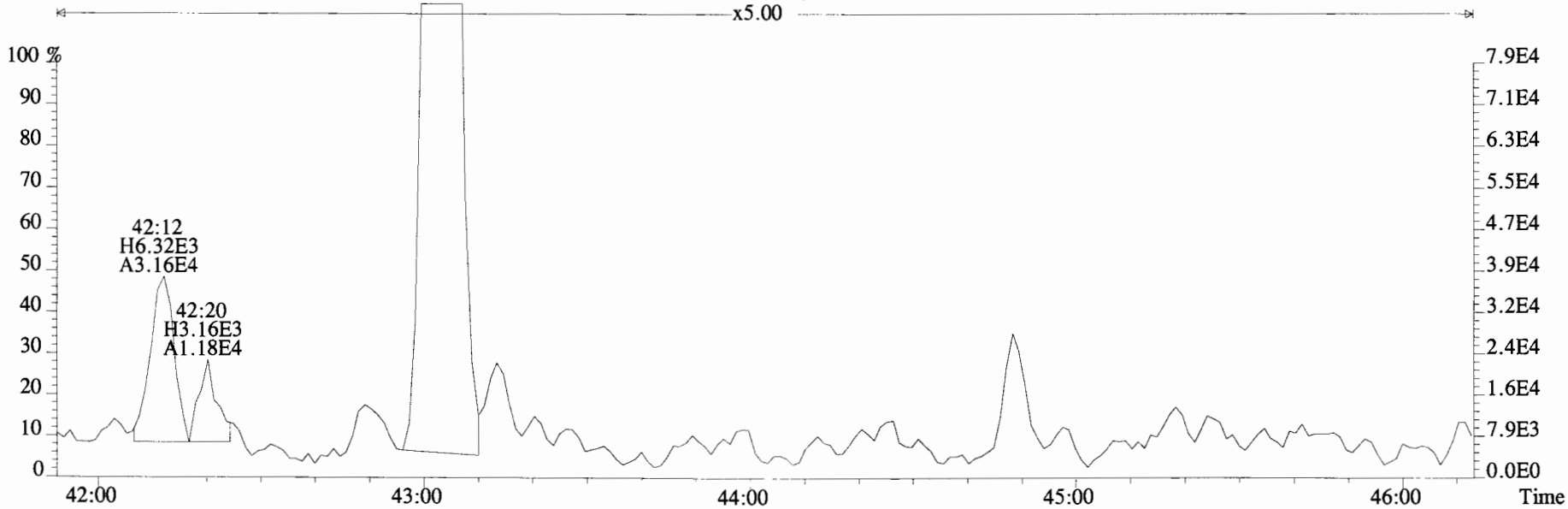
327.8775 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1692.0,0.00%,F,F)



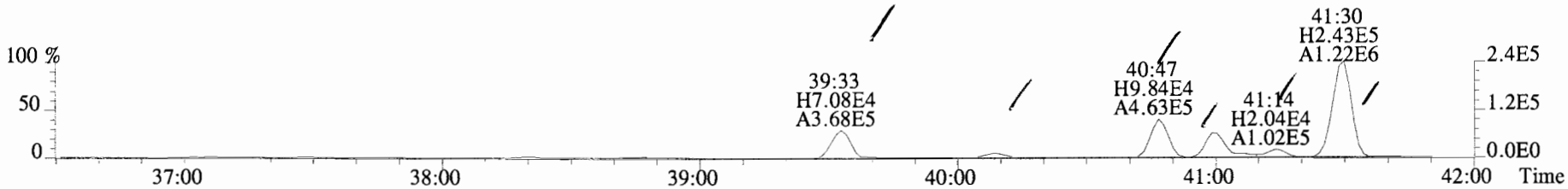
File:180315E1 #1-574 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
325.8804 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1720.0,0.00%,F,F)



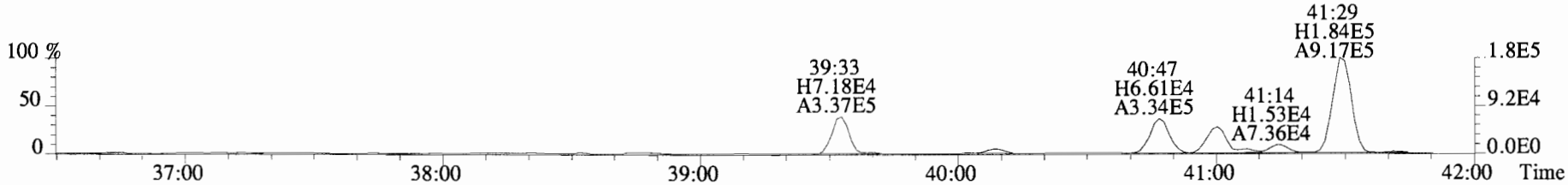
327.8775 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1692.0,0.00%,F,F)



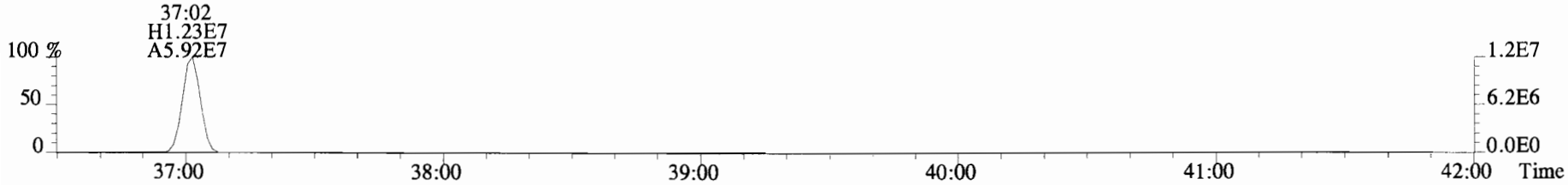
File:180315E1 #1-756 Acq:15-MAR-2018 14:54:55 GC El+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
359.8415 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2012.0,0.00%,F,F)



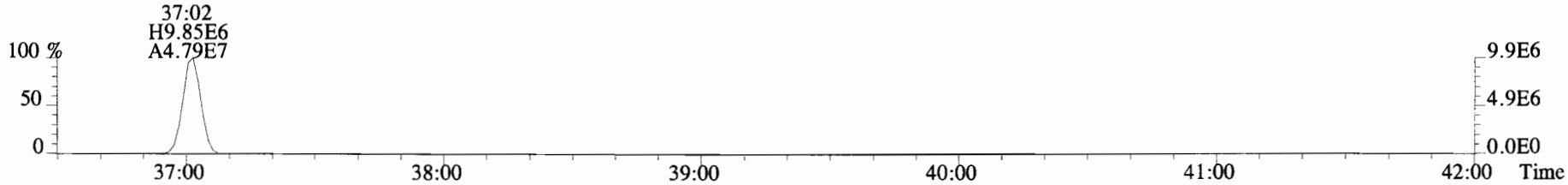
361.8385 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1968.0,0.00%,F,F)



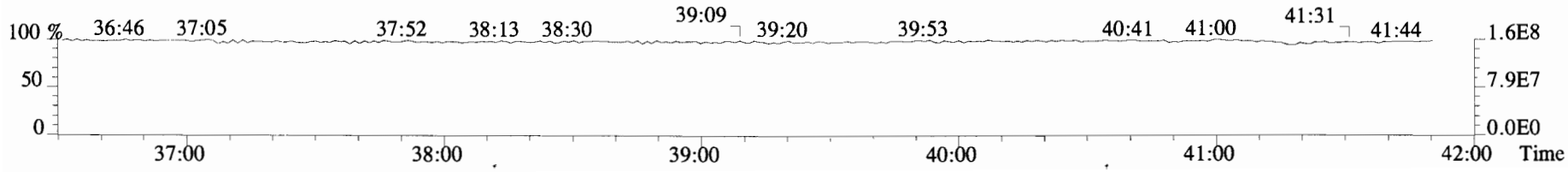
371.8817 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2380.0,0.00%,F,F)



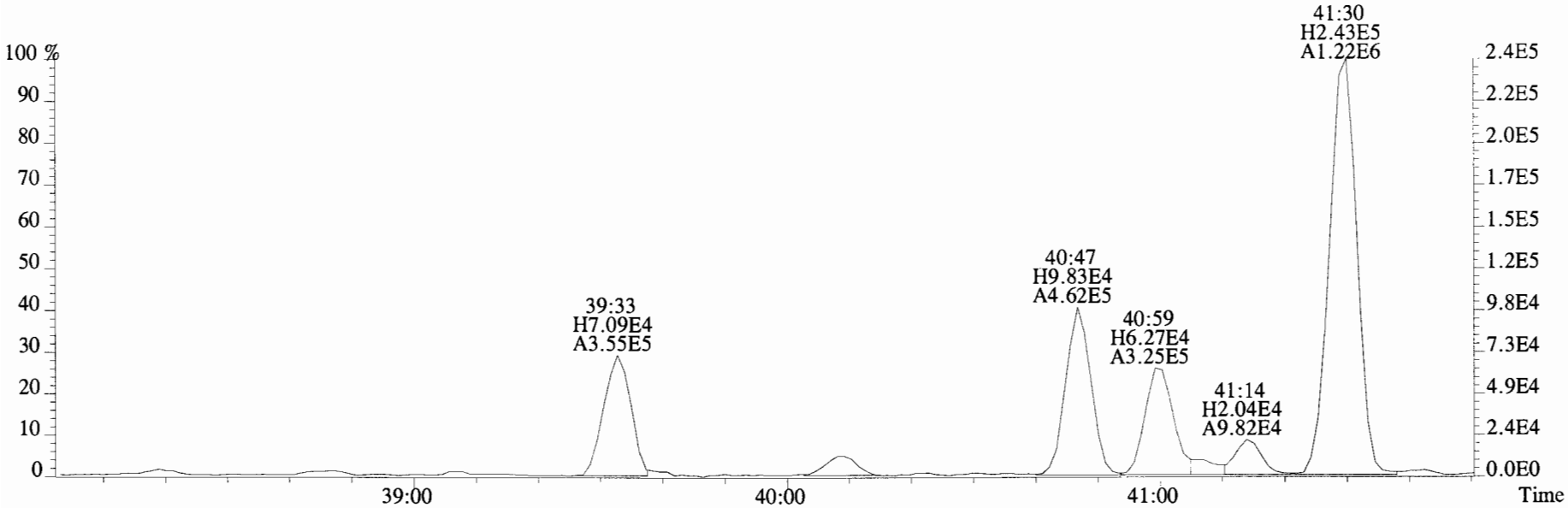
373.8788 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2776.0,0.00%,F,F)



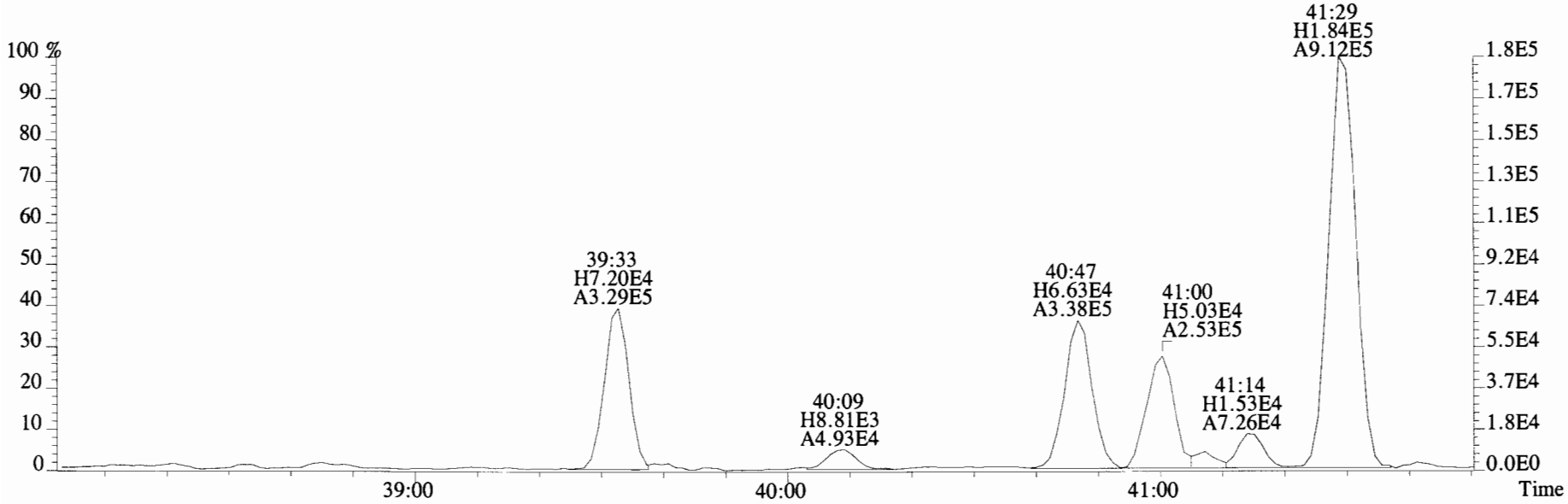
330.9792 S:6 F:3



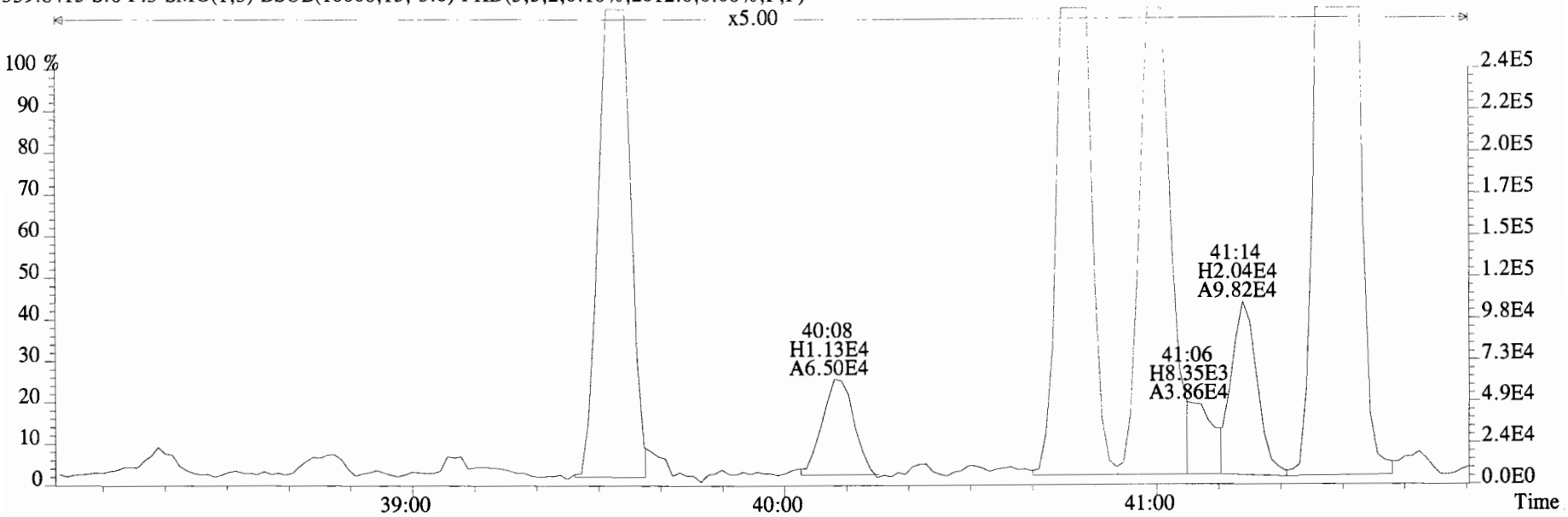
File:180315E1 #1-756 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
359.8415 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2012.0,0.00%,F,F)



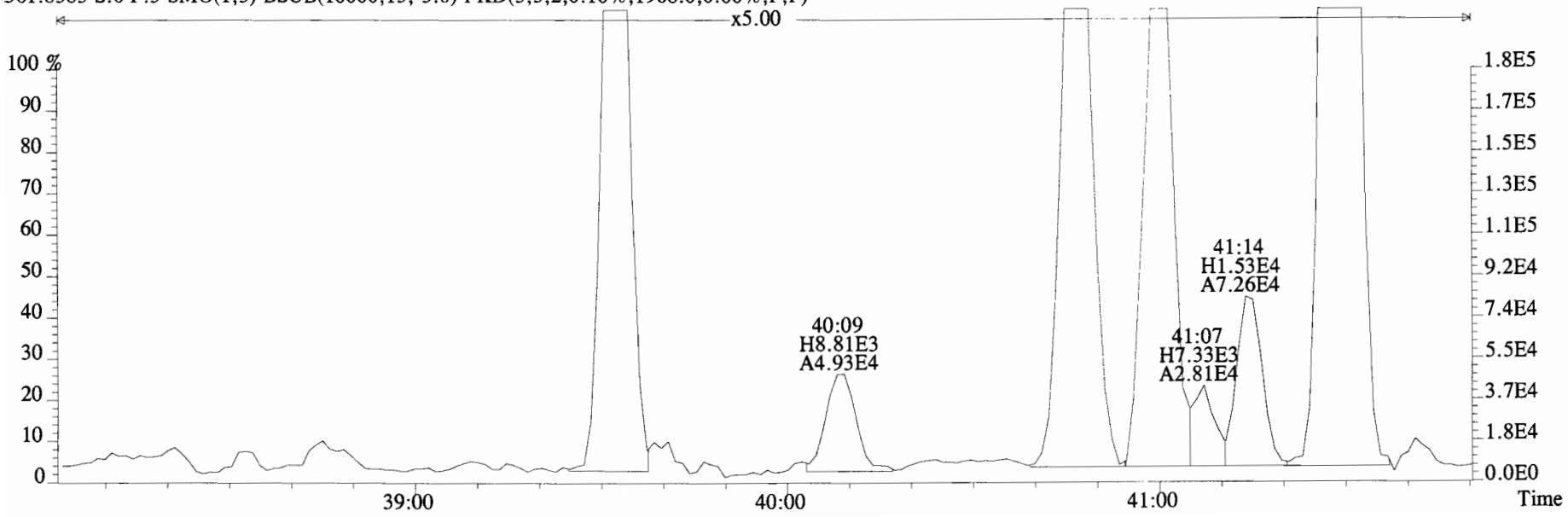
361.8385 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1968.0,0.00%,F,F)



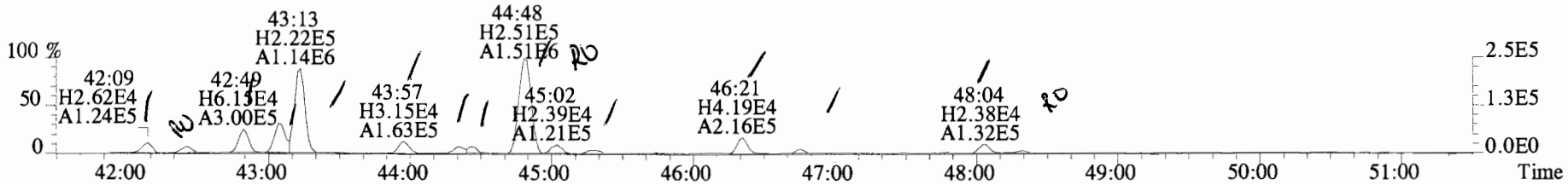
File:180315E1 #1-756 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
359.8415 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2012.0,0.00%,F,F)



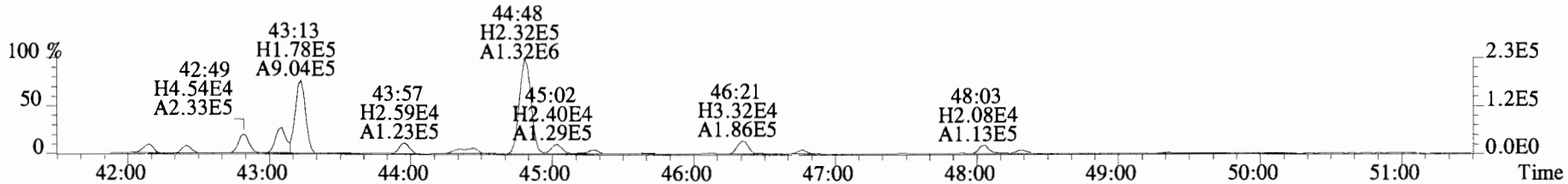
361.8385 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1968.0,0.00%,F,F)



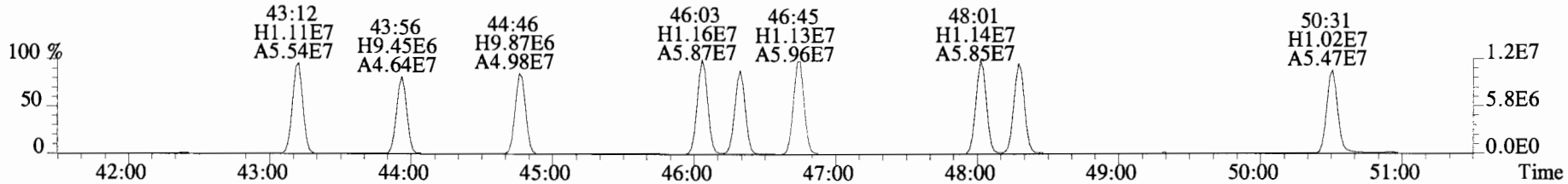
File:180315E1 #1-574 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
359.8415 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1780.0,0.00%,F,F)



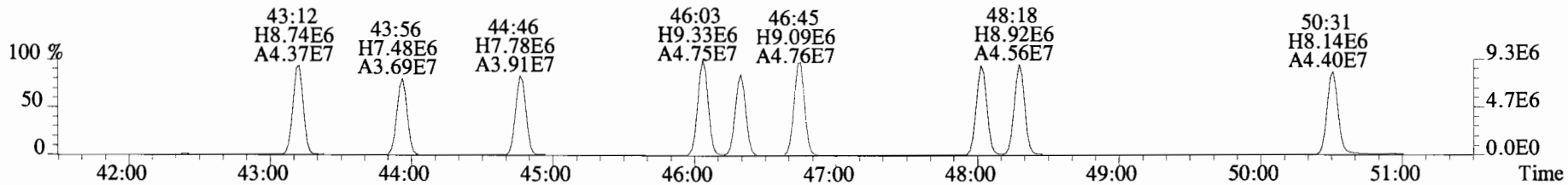
361.8385 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1872.0,0.00%,F,F)



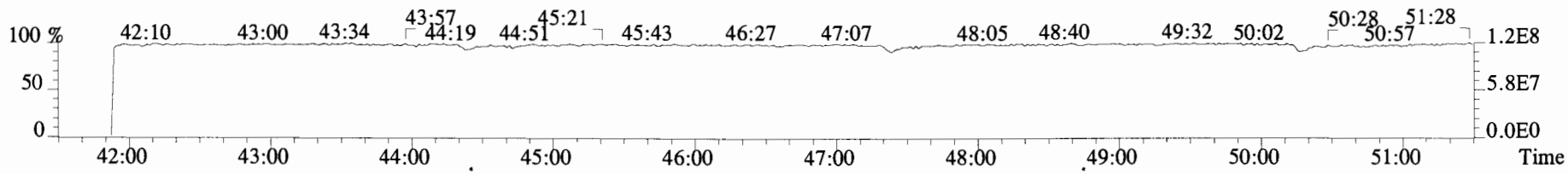
371.8817 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11768.0,0.00%,F,F)



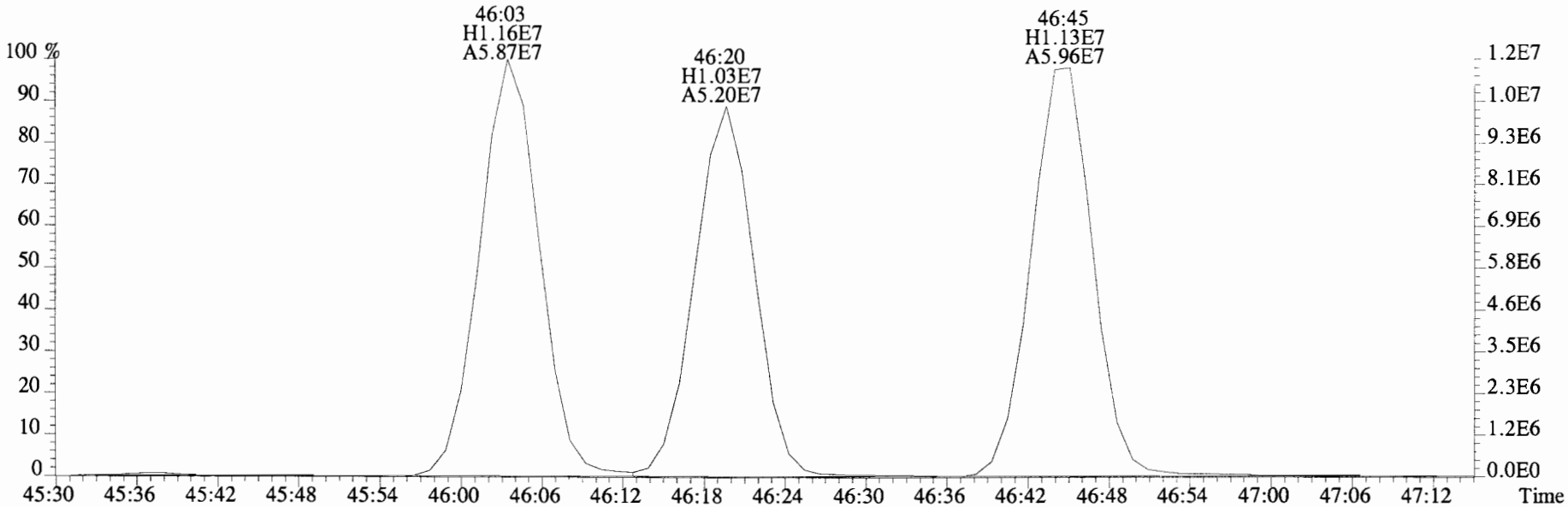
373.8788 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12640.0,0.00%,F,F)



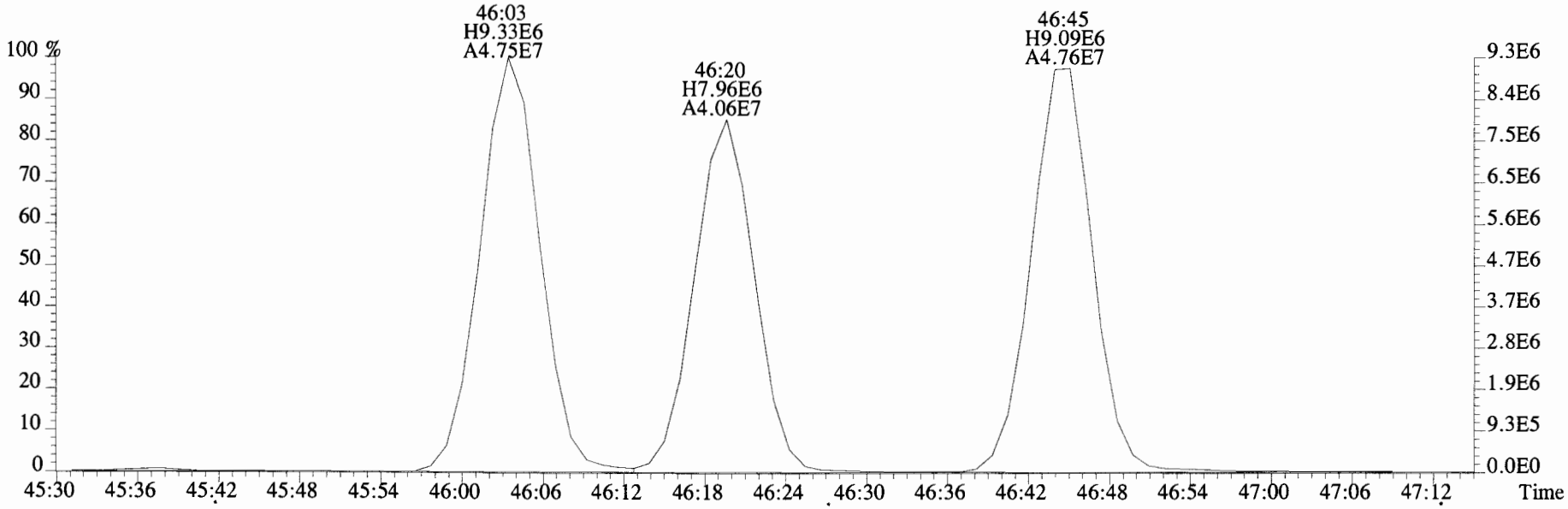
380.9760 S:6 F:4



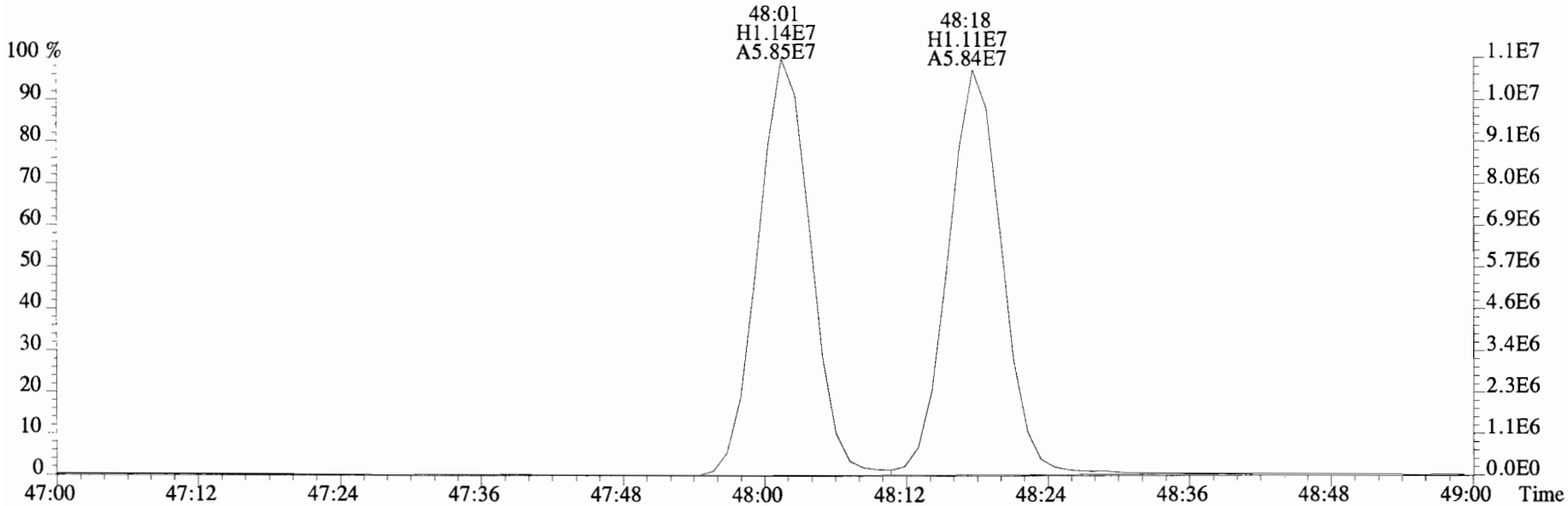
File:180315E1 #1-574 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
371.8817 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11768.0,0.00%,F,F)



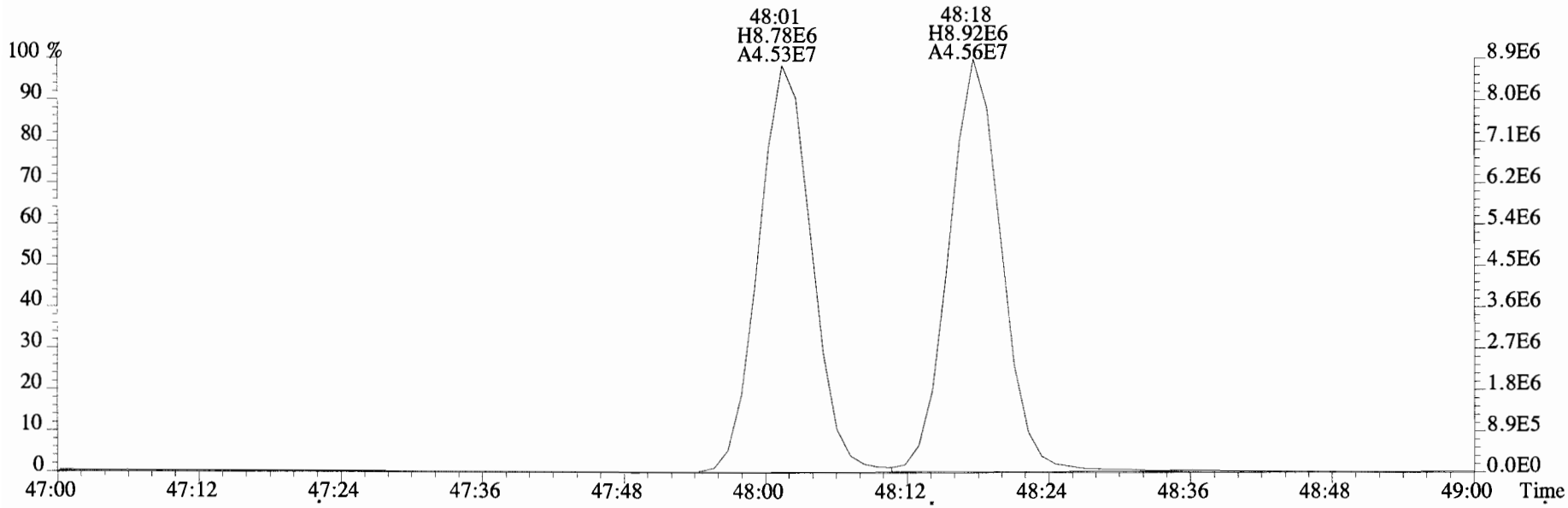
373.8788 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12640.0,0.00%,F,F)



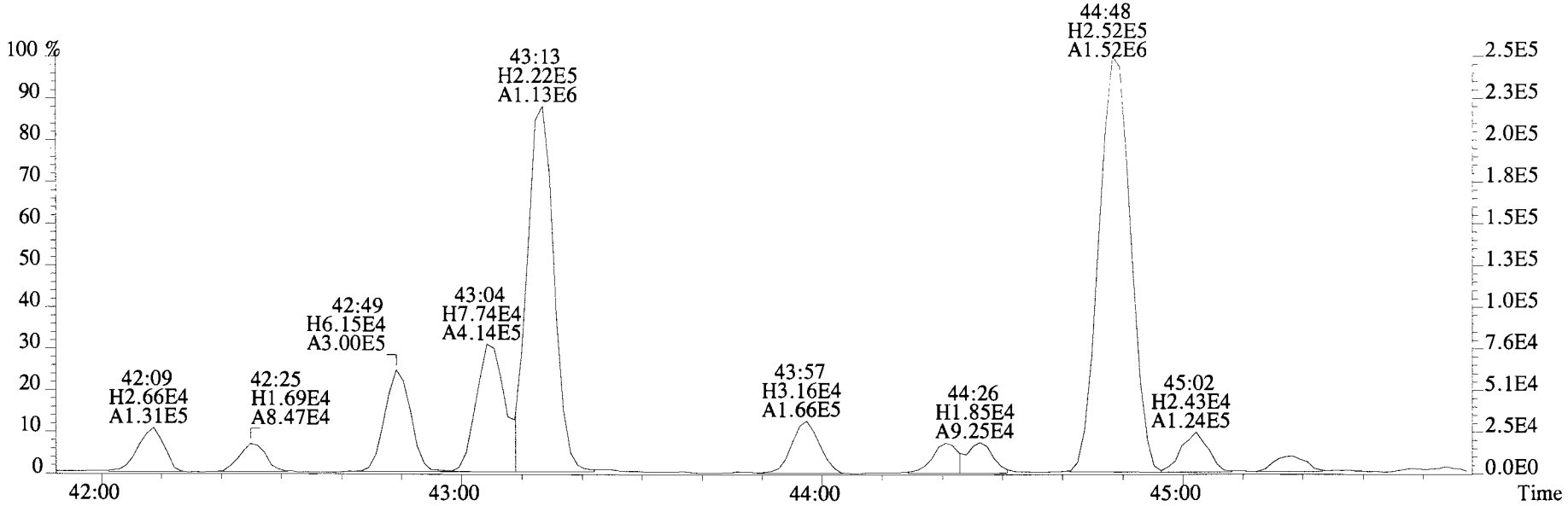
File:180315E1 #1-574 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
371.8817 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11768.0,0.00%,F,F)



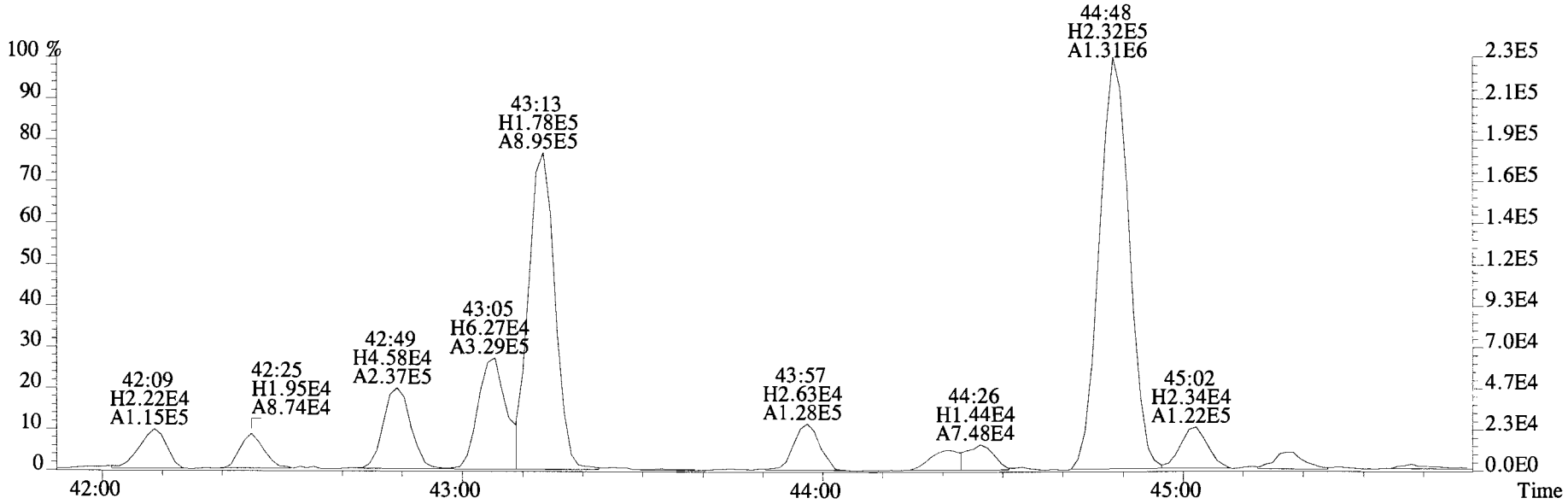
373.8788 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12640.0,0.00%,F,F)



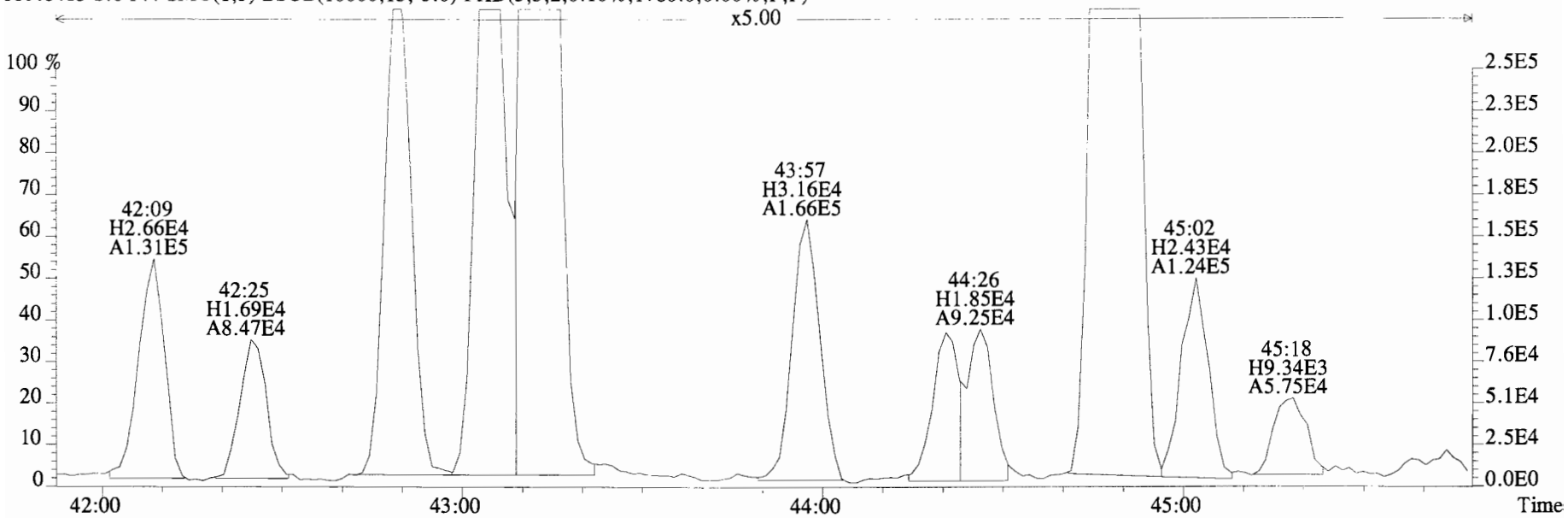
File:180315E1 #1-574 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
359.8415 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1780.0,0.00%,F,F)



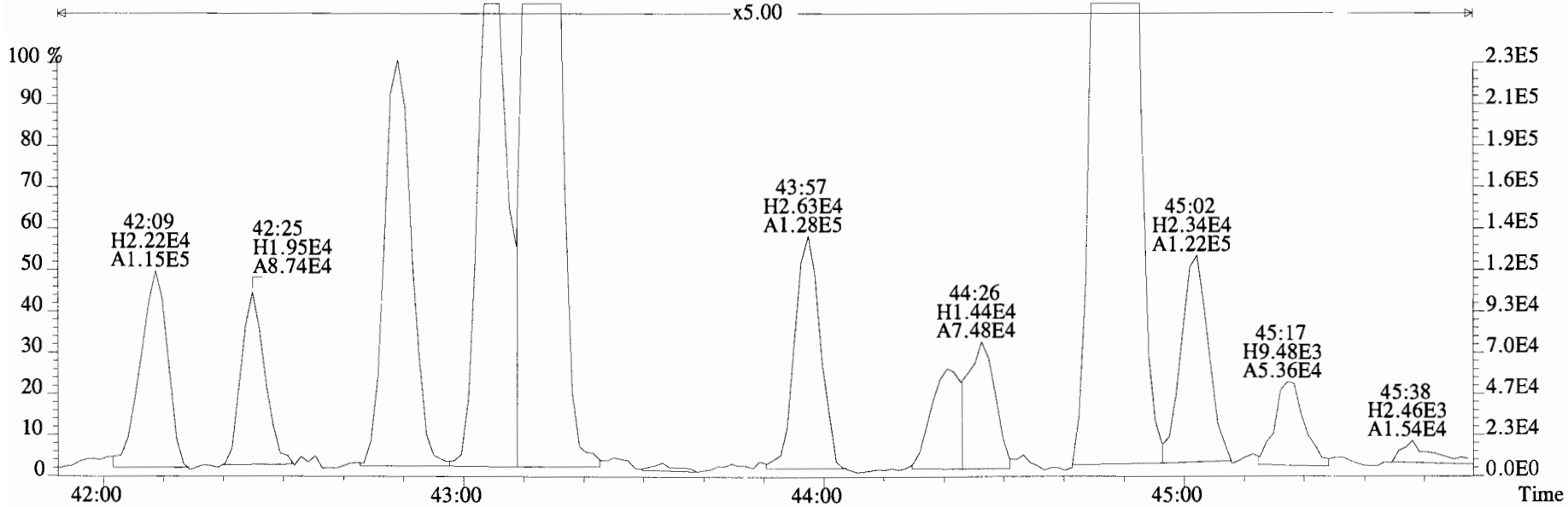
361.8385 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1872.0,0.00%,F,F)



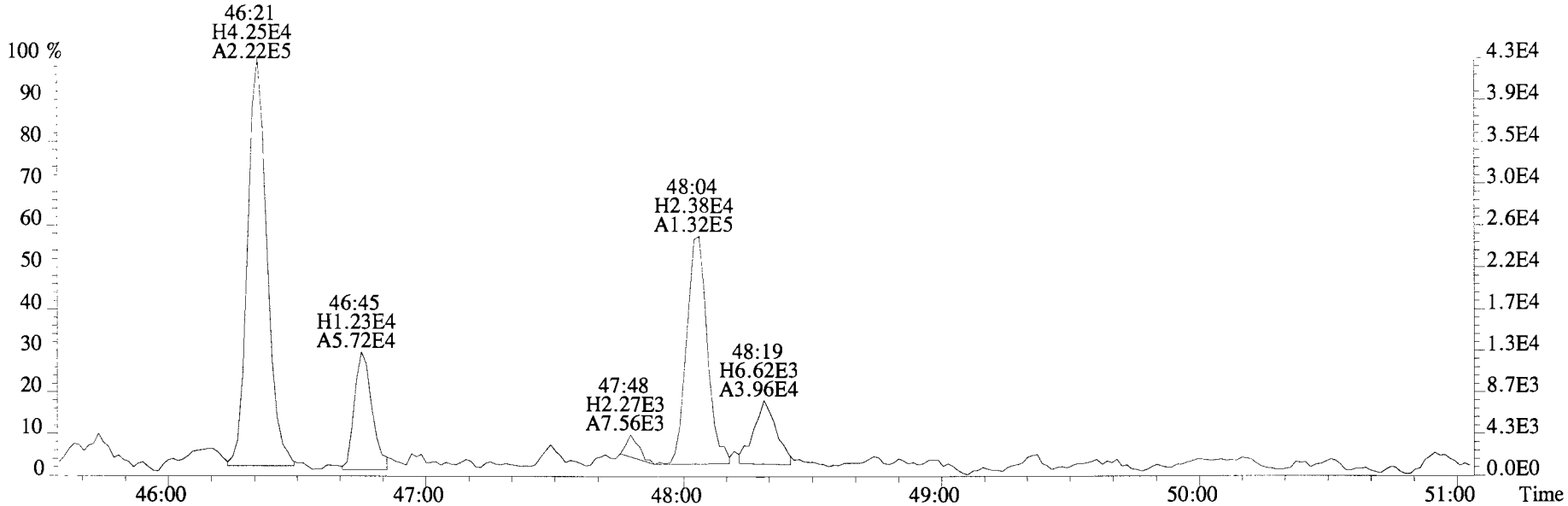
File:180315E1 #1-574 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
359.8415 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1780.0,0.00%,F,F)



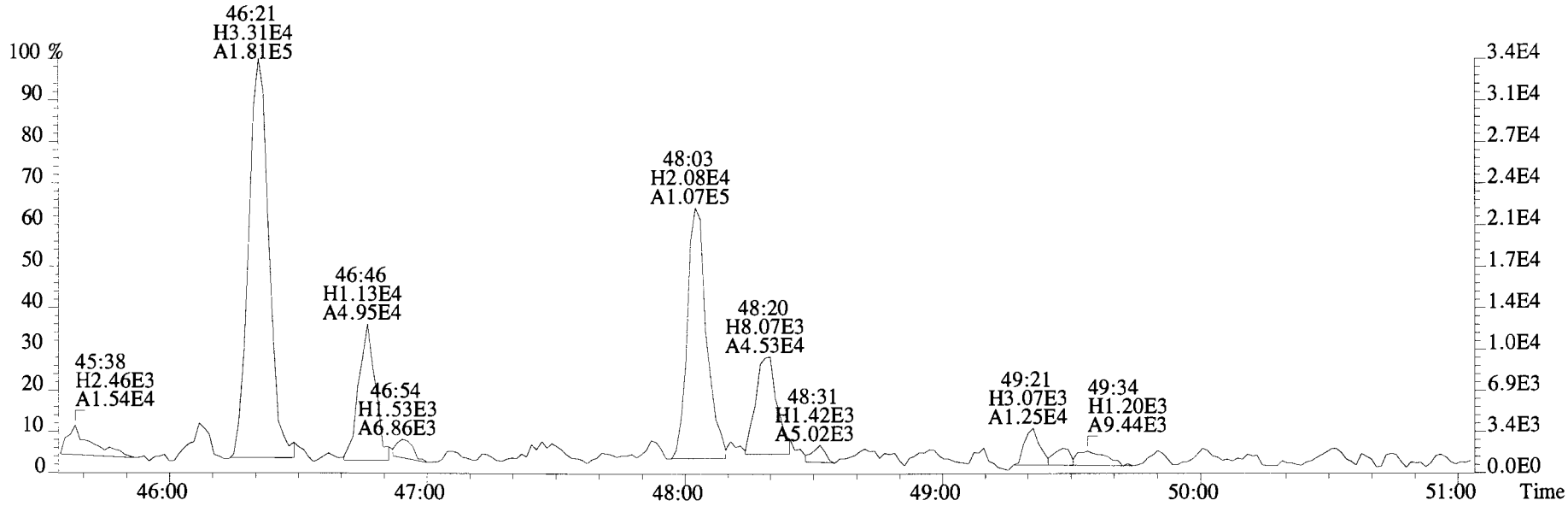
361.8385 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1872.0,0.00%,F,F)



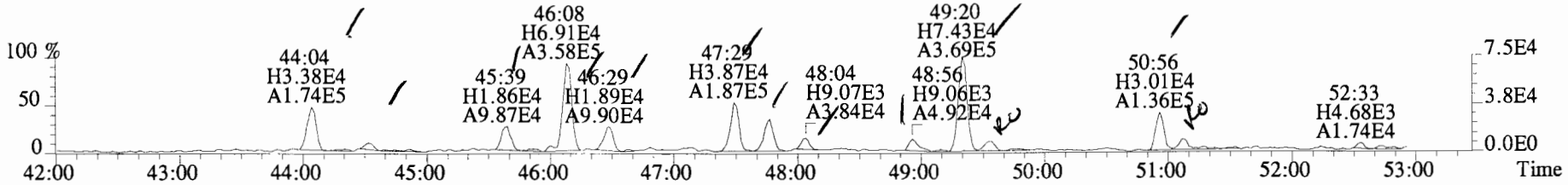
File:180315E1 #1-574 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
359.8415 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1780.0,0.00%,F,F)



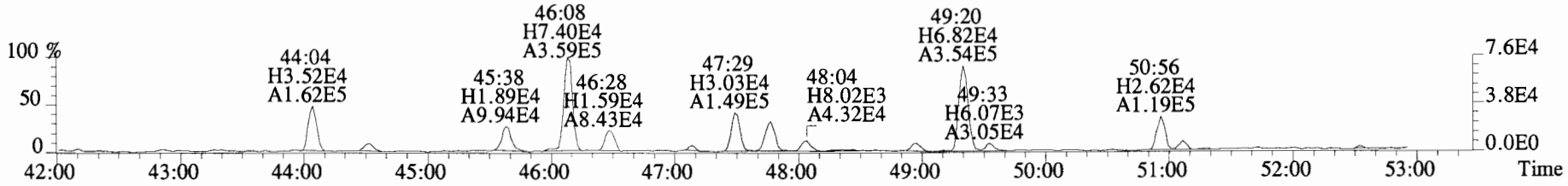
361.8385 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1872.0,0.00%,F,F)



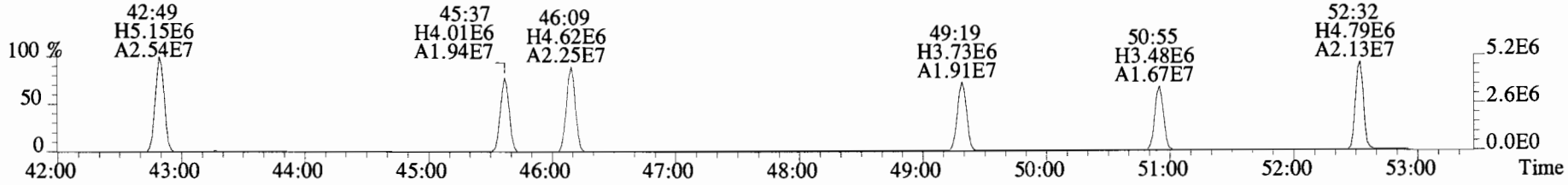
File:180315E1 #1-574 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
393.8025 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2996.0,0.00%,F,F)



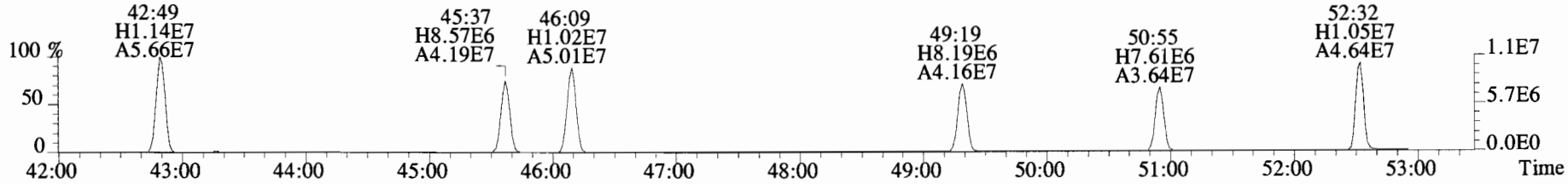
395.7995 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1712.0,0.00%,F,F)



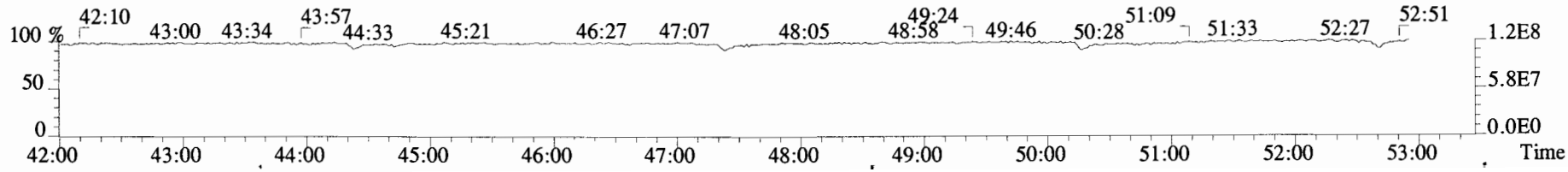
403.8457 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4988.0,0.00%,F,F)



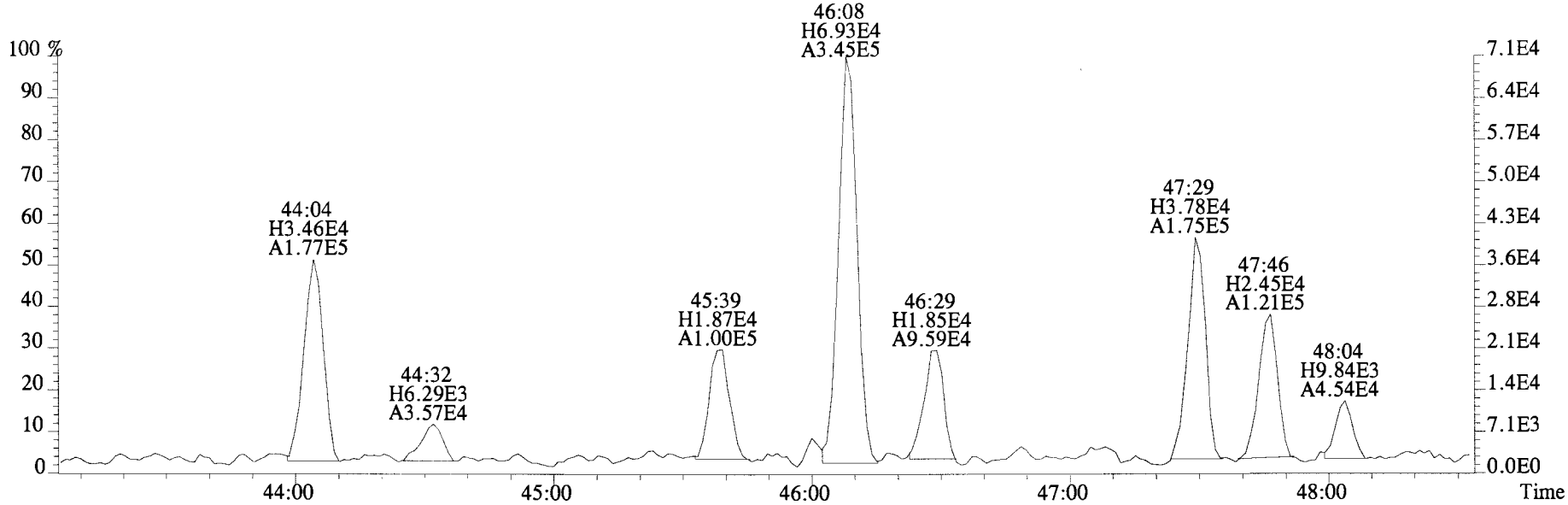
405.8428 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9168.0,0.00%,F,F)



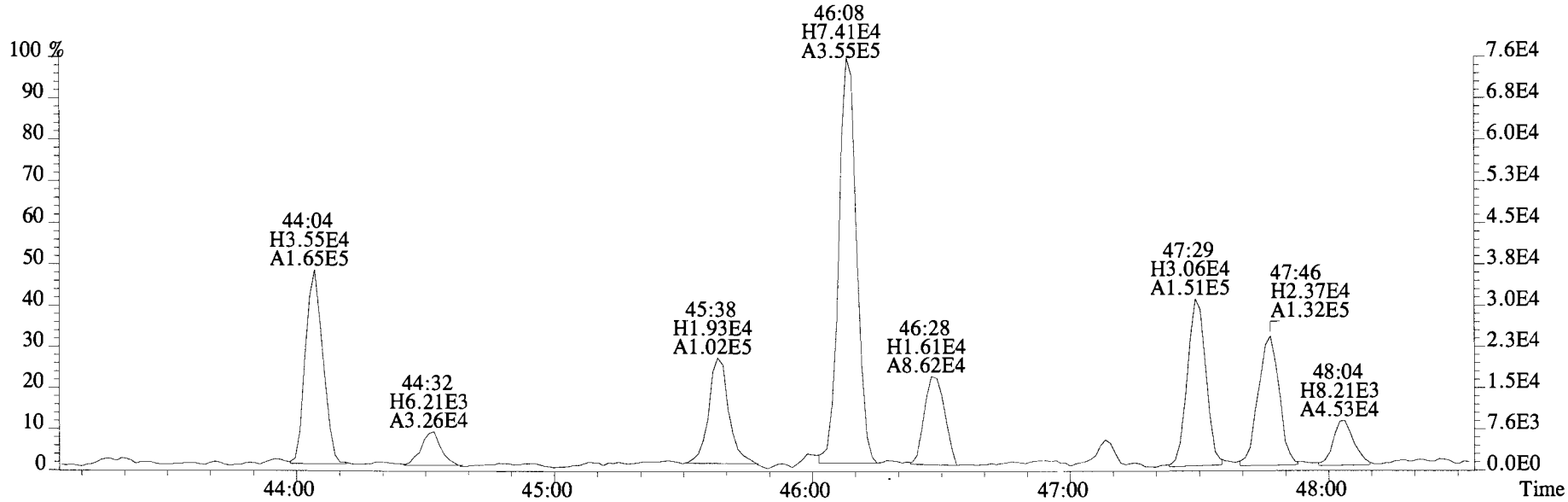
380.9760 S:6 F:4



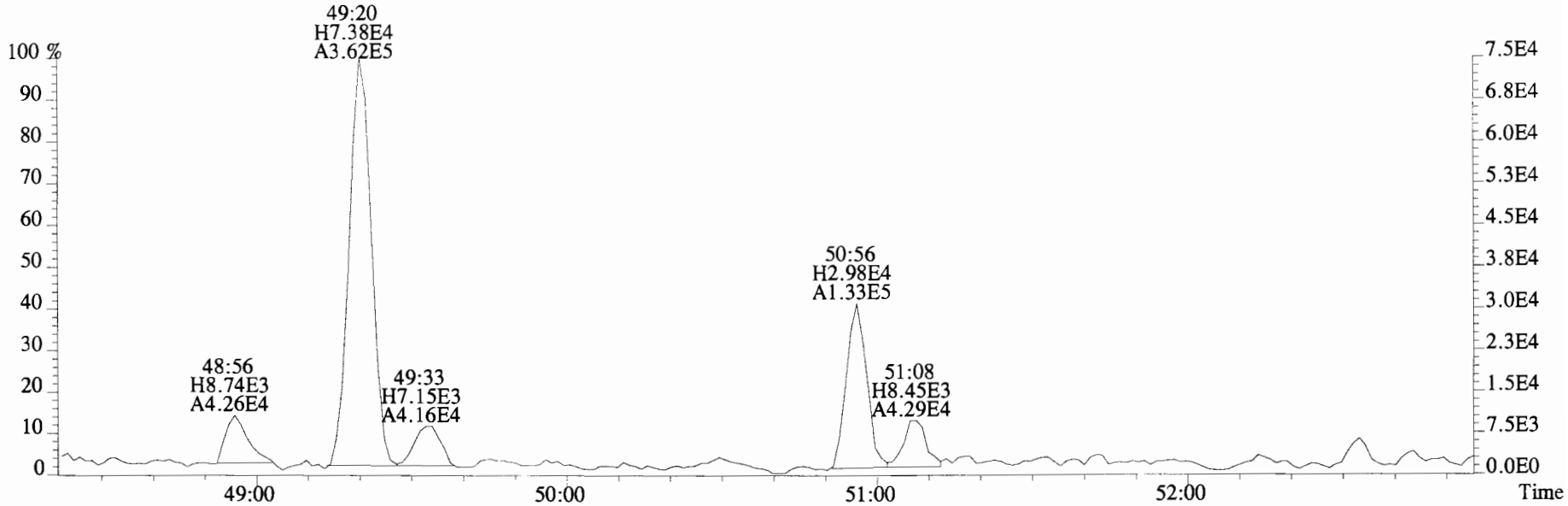
File:180315E1 #1-574 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
393.8025 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2996.0,0.00%,F,F)



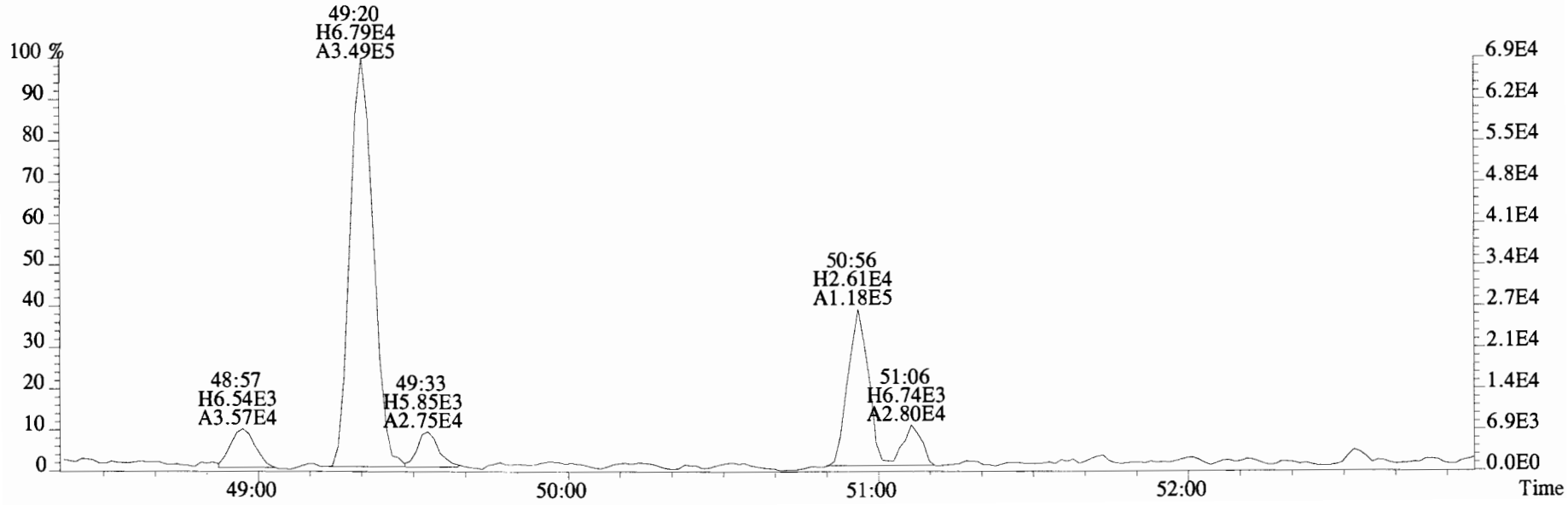
395.7995 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1712.0,0.00%,F,F)



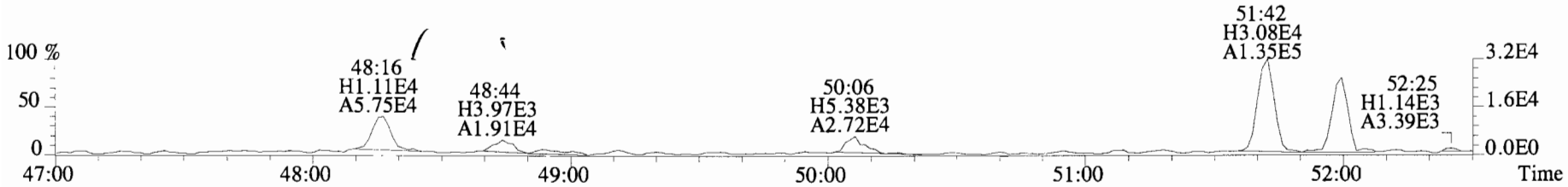
File:180315E1 #1-574 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
393.8025 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2996.0,0.00%,F,F)



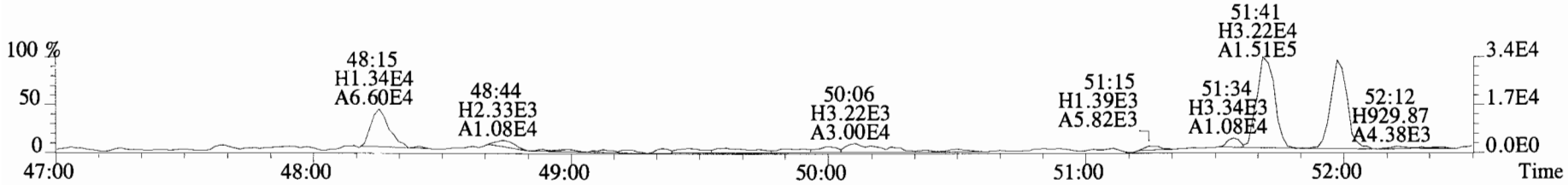
395.7995 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1712.0,0.00%,F,F)



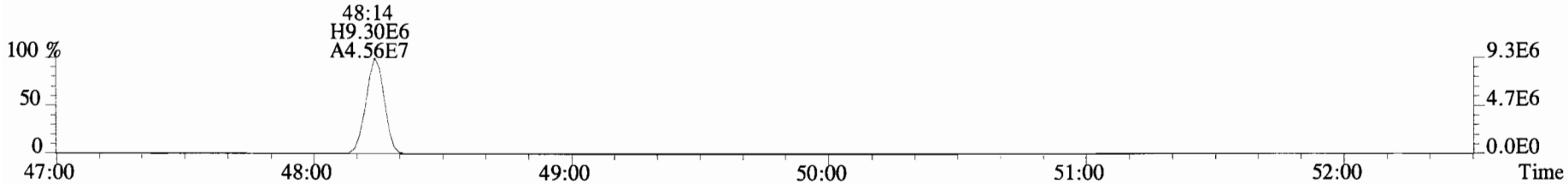
File:180315E1 #1-574 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
427.7635 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1364.0,0.00%,F,F)



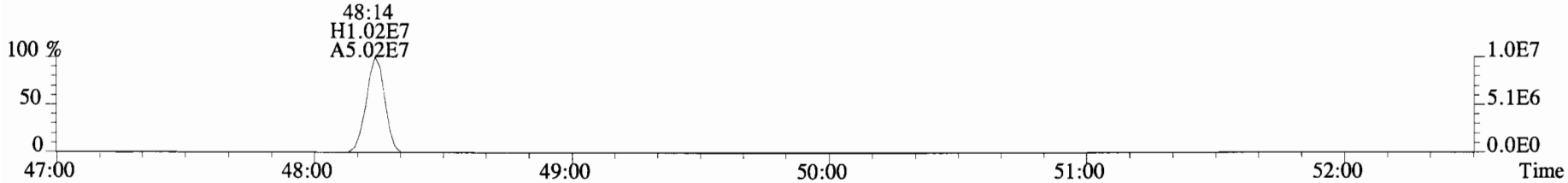
429.7606 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1980.0,0.00%,F,F)



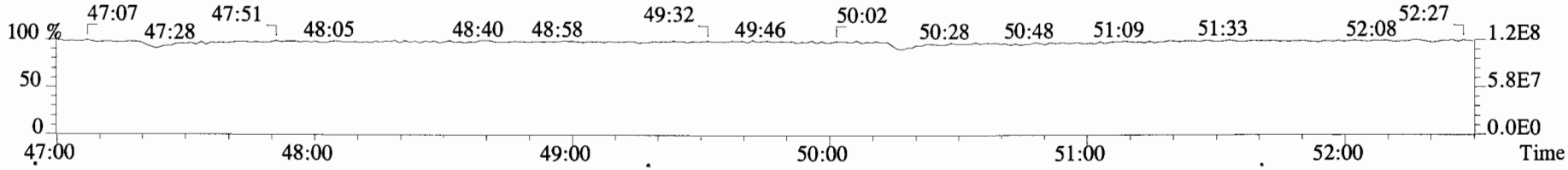
439.8038 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1676.0,0.00%,F,F)



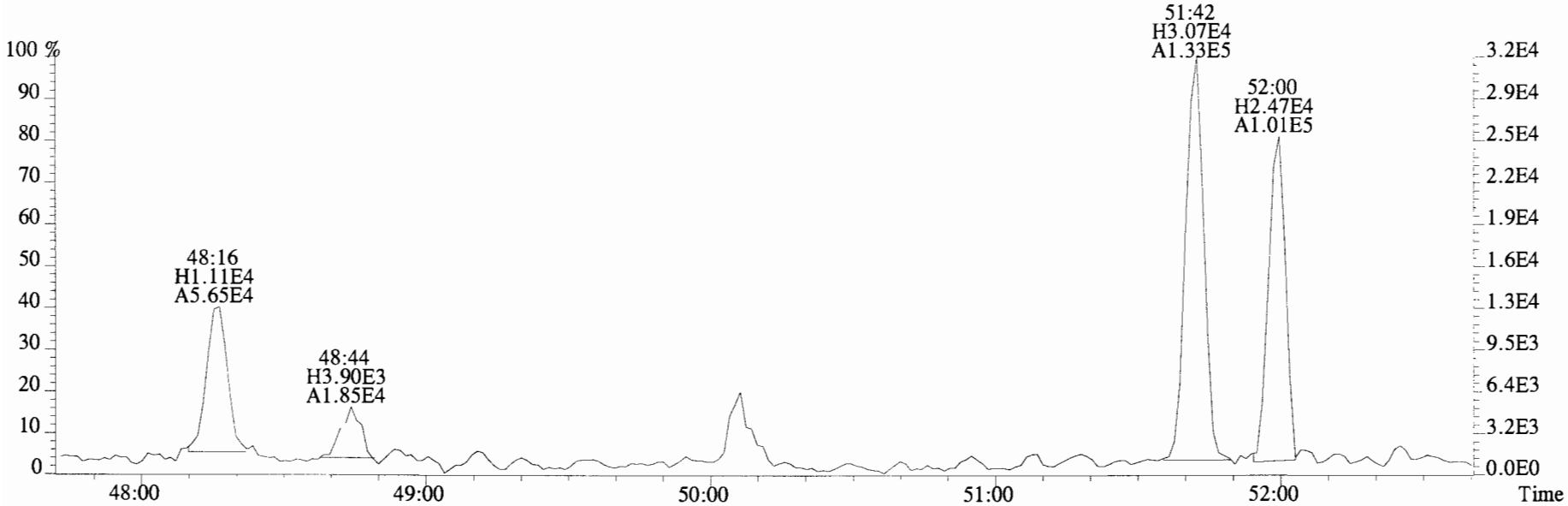
441.8008 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2232.0,0.00%,F,F)



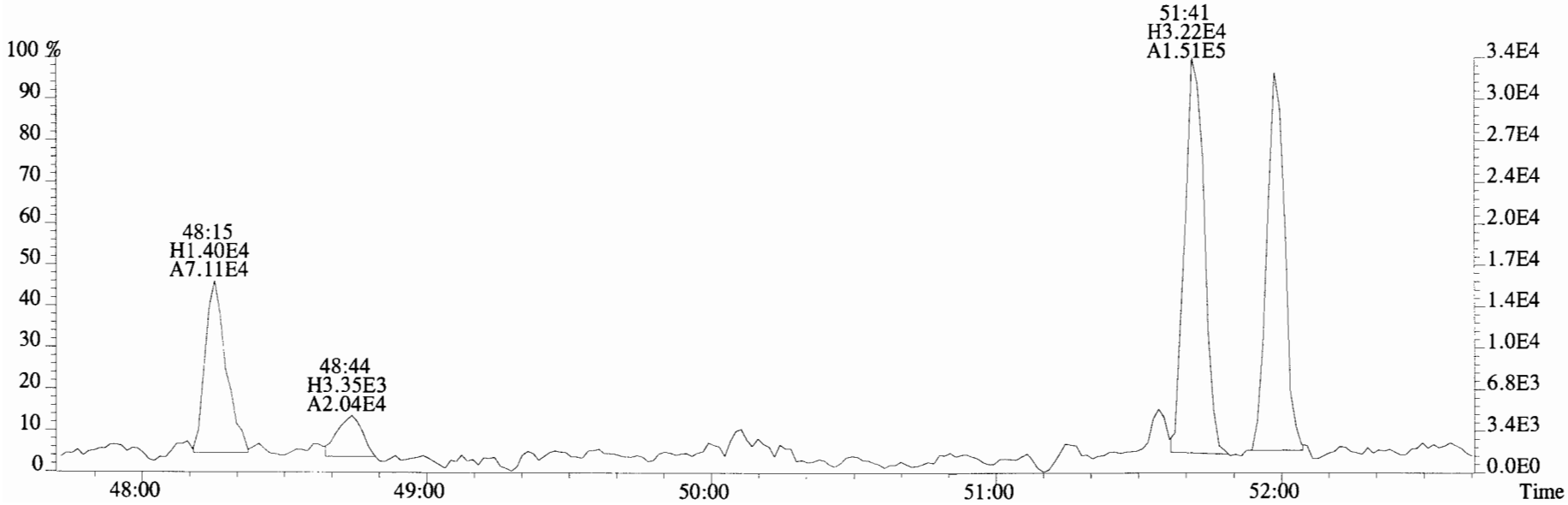
380.9760 S:6 F:4



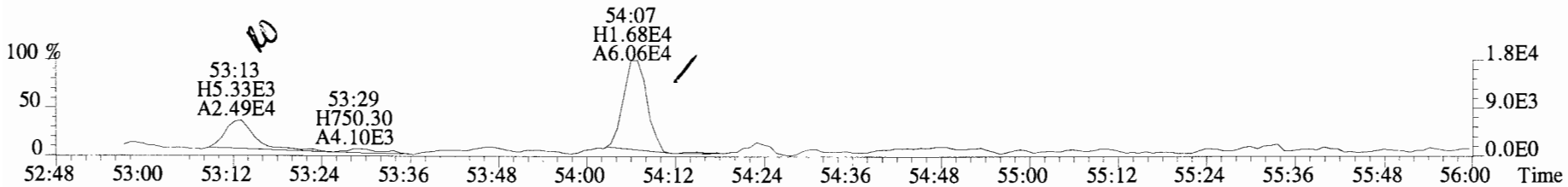
File:180315E1 #1-574 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
427.7635 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1364.0,0.00%,F,F)



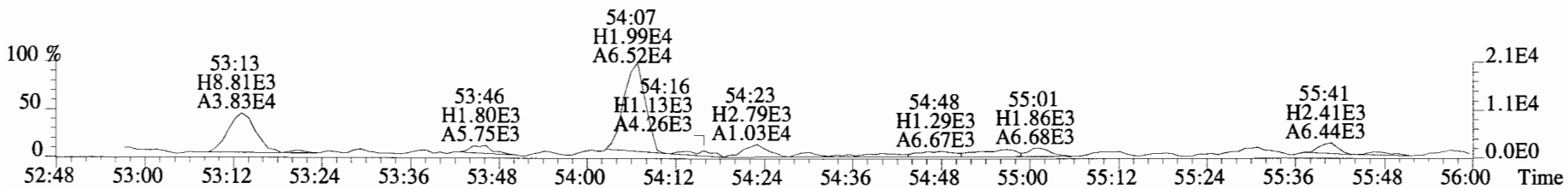
429.7606 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1980.0,0.00%,F,F)



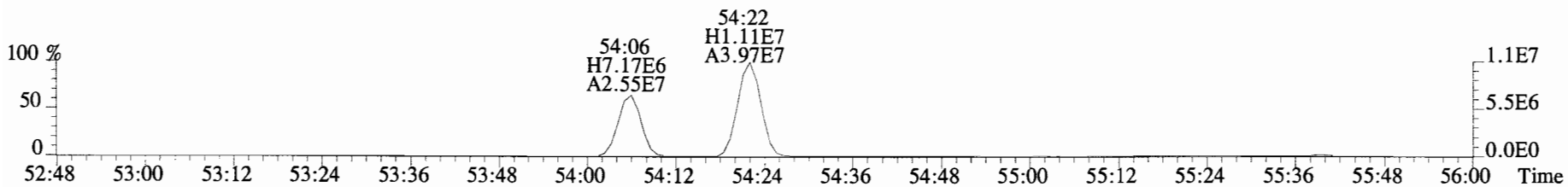
File:180315E1 #1-407 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
427.7635 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1396.0,0.00%,F,F)



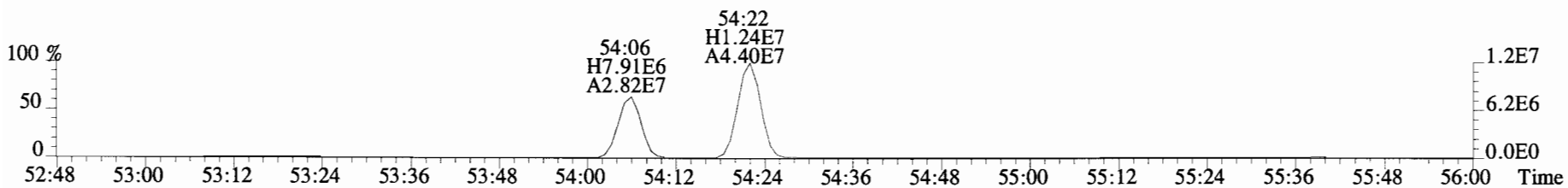
429.7606 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1496.0,0.00%,F,F)



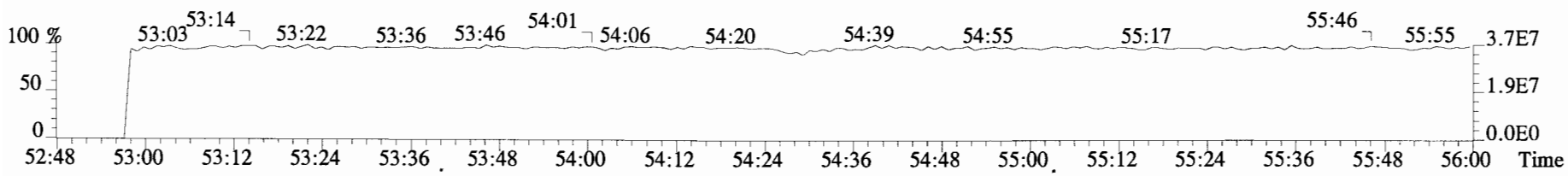
439.8038 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3948.0,0.00%,F,F)



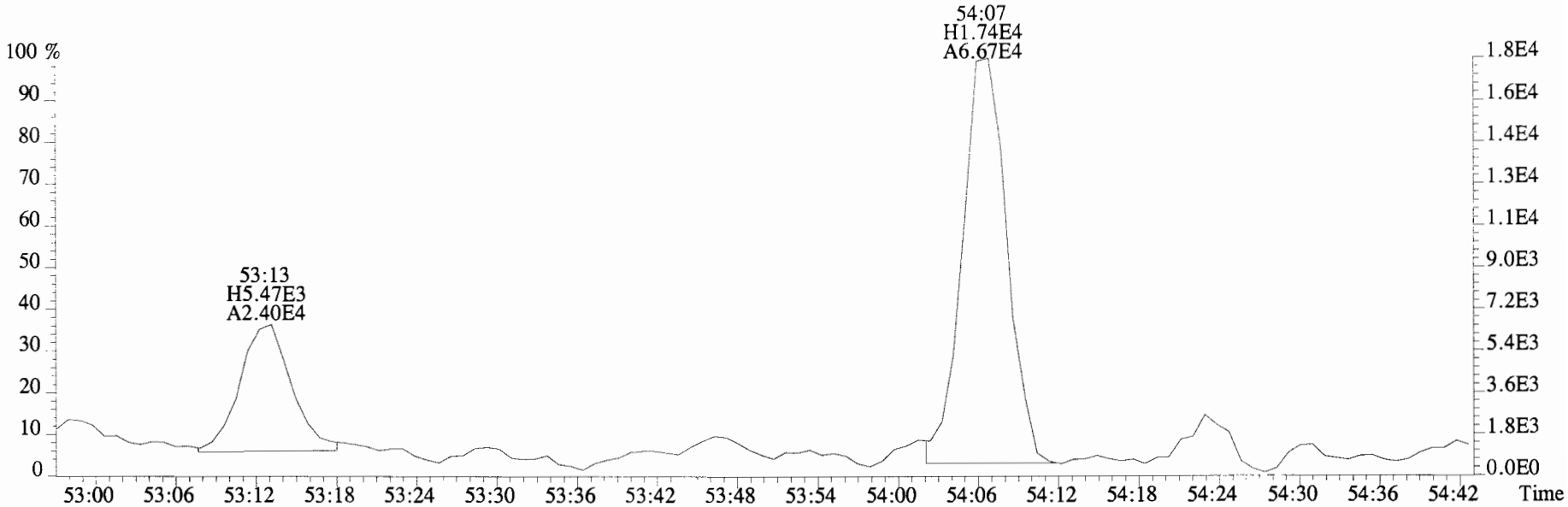
441.8008 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4260.0,0.00%,F,F)



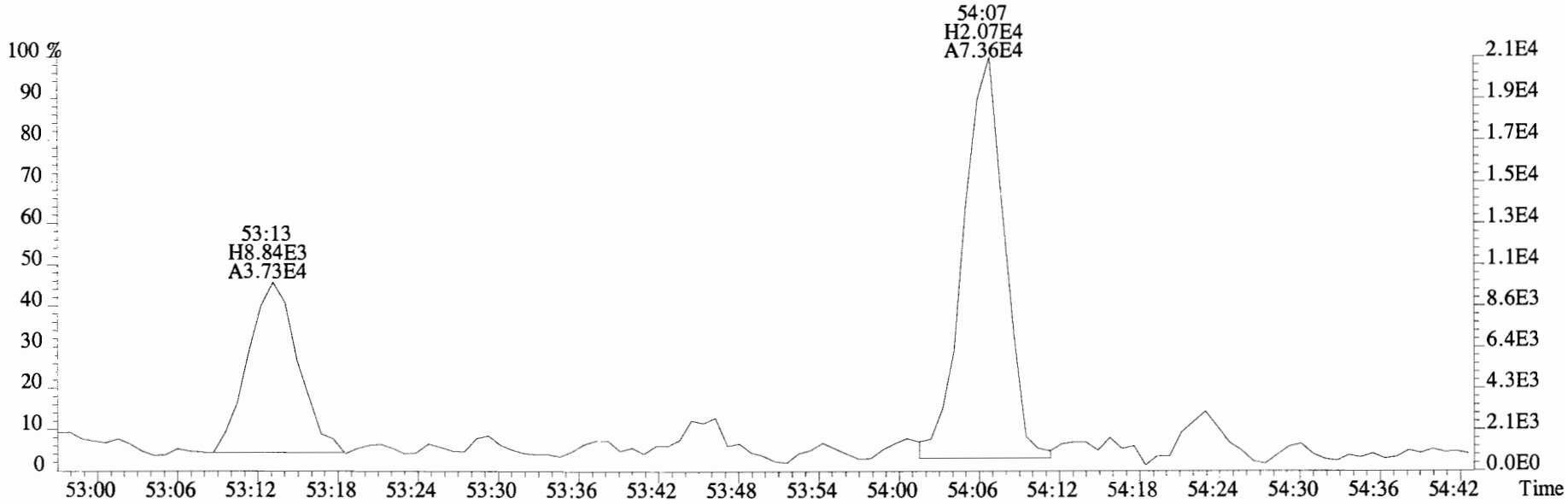
492.9697 S:6 F:5



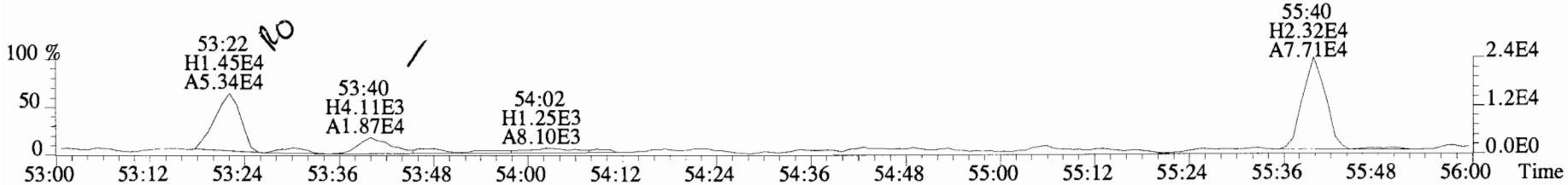
File:180315E1 #1-407 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
427.7635 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1396.0,0.00%,F,F)



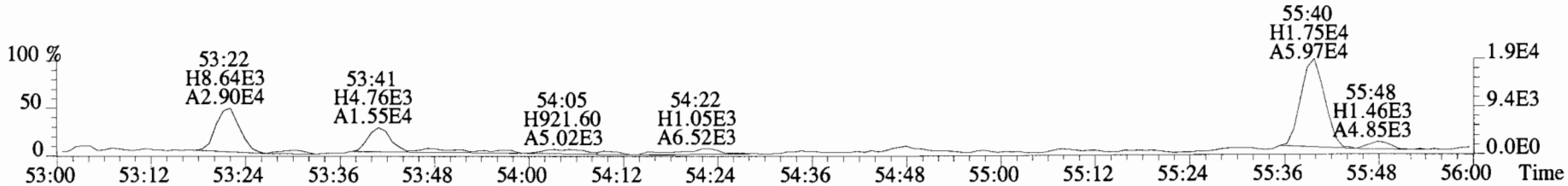
429.7606 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1496.0,0.00%,F,F)



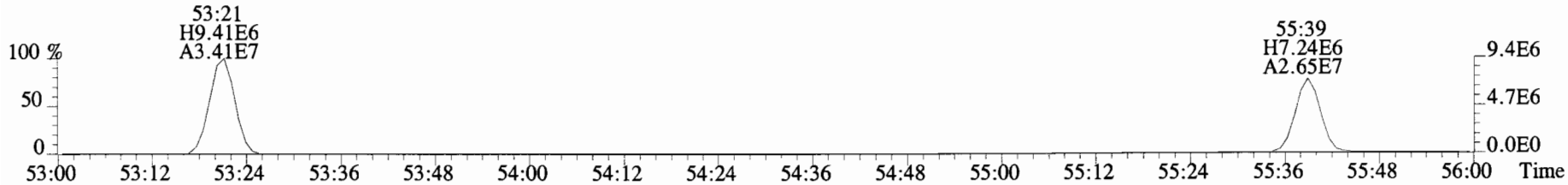
File:180315E1 #1-407 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
463.7216 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1612.0,0.00%,F,F)



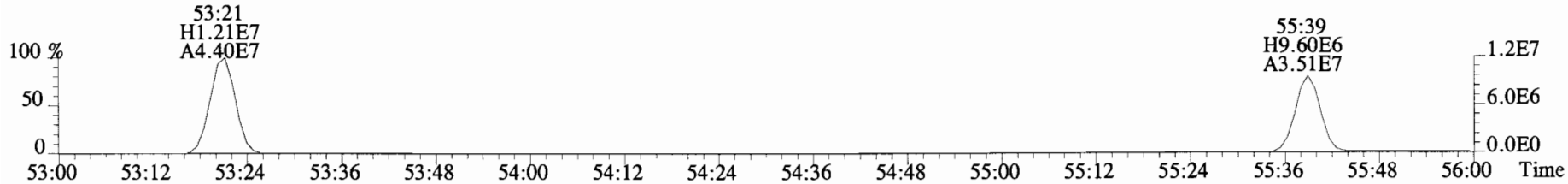
465.7186 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1212.0,0.00%,F,F)



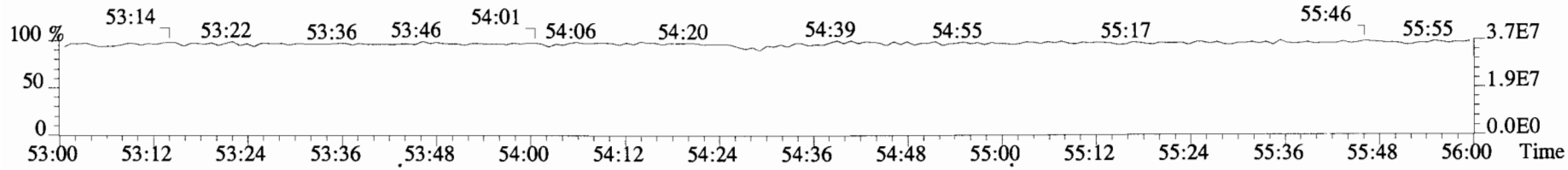
473.7648 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9304.0,0.00%,F,F)



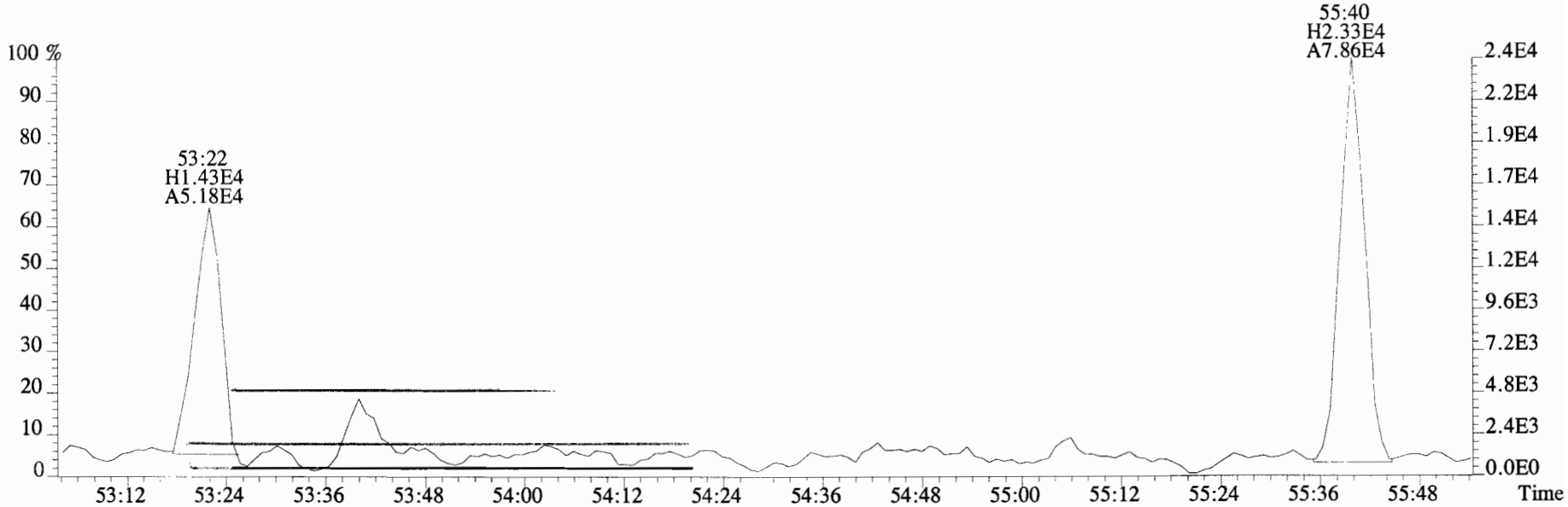
475.7619 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12536.0,0.00%,F,F)



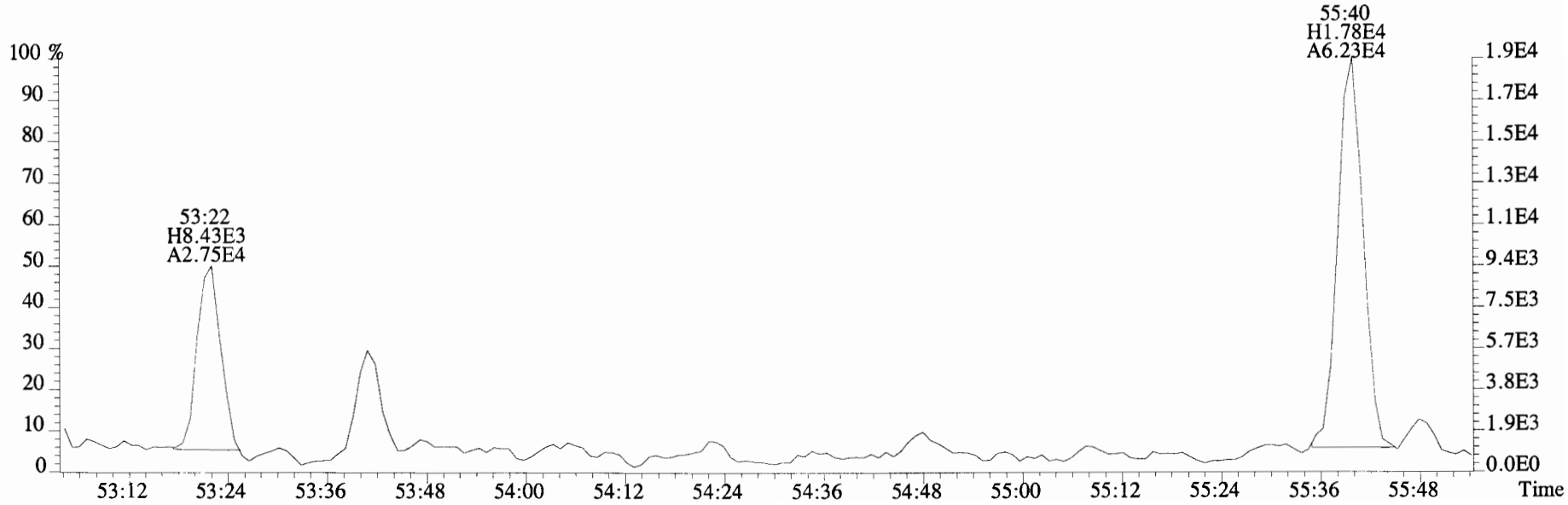
492.9697 S:6 F:5



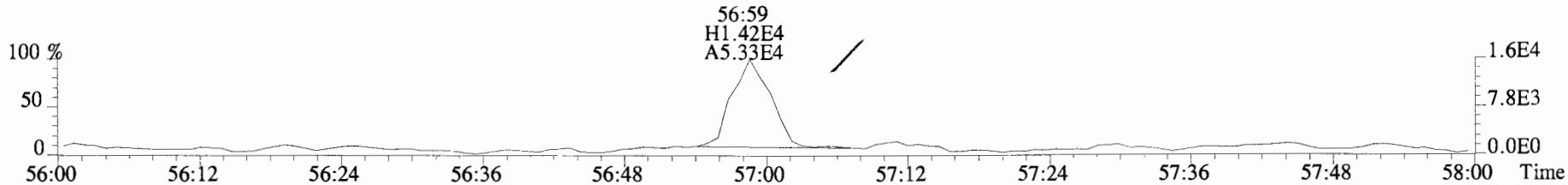
File:180315E1 #1-407 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
463.7216 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1612.0,0.00%,F,F)



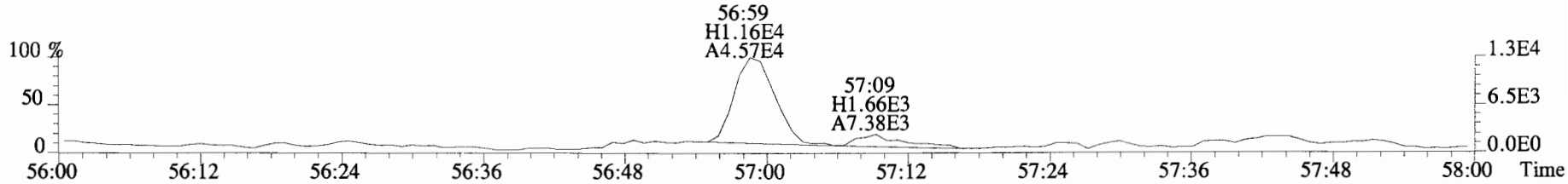
465.7186 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1212.0,0.00%,F,F)



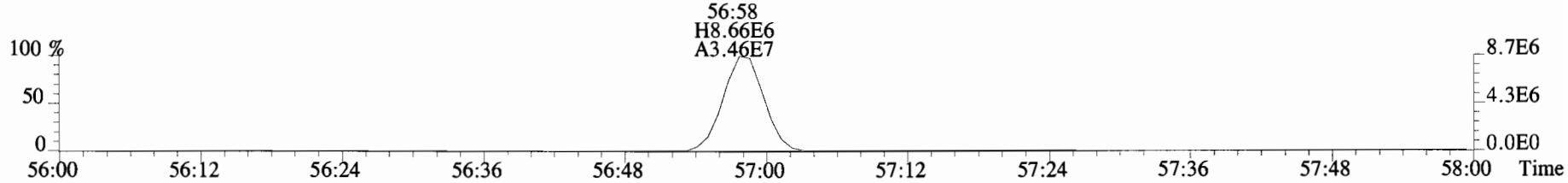
File:180315E1 #1-407 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
497.6826 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1448.0,0.00%,F,F)



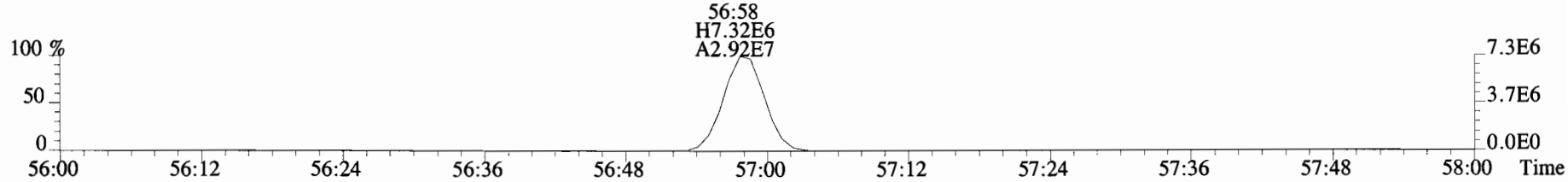
499.6797 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1416.0,0.00%,F,F)



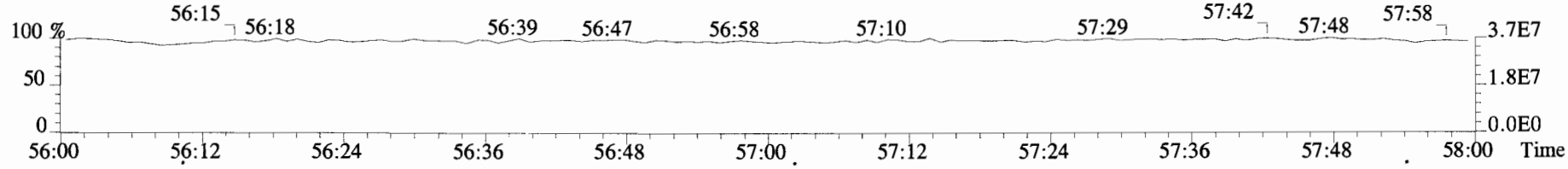
509.7229 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1696.0,0.00%,F,F)



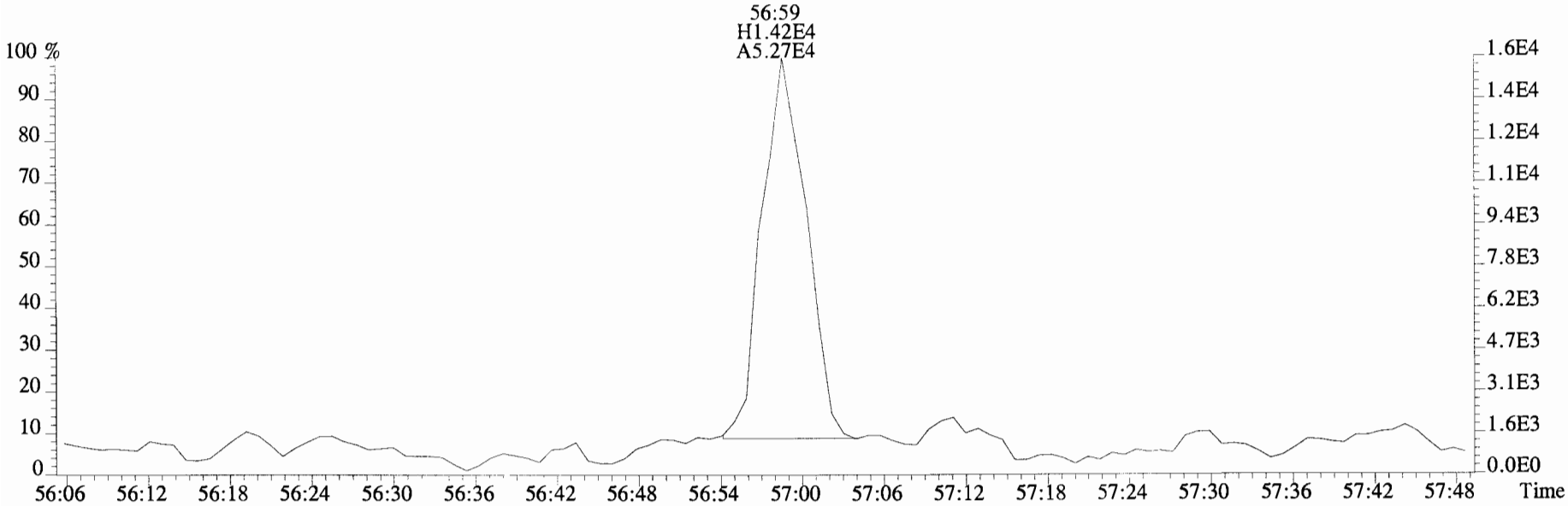
511.7199 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1488.0,0.00%,F,F)



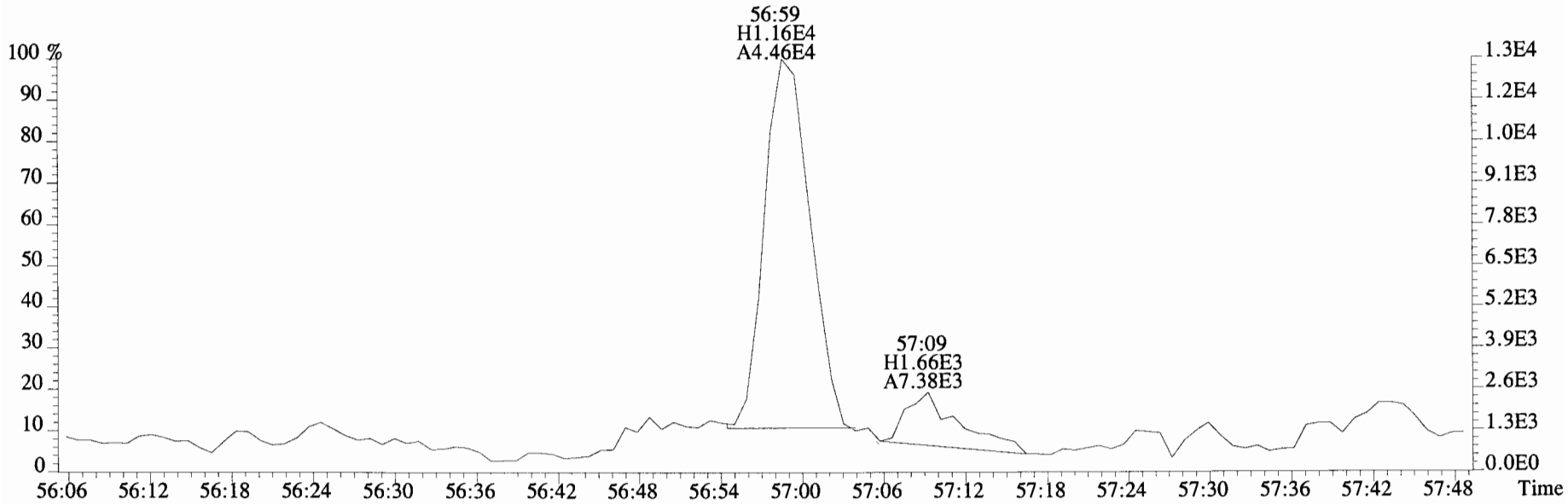
492.9697 S:6 F:5



File:180315E1 #1-407 Acq:15-MAR-2018 14:54:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701075-02 OWS-LHAL-T170816141854 1 Exp:PCB_ZB1
497.6826 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1448.0,0.00%,F,F)



499.6797 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1416.0,0.00%,F,F)



Client ID: OWS-LHPO-T170816142041 Filename: 180315E1 S:7 Acq:15-MAR-18 16:00:07 ConCal: ST180315E1-1
Lab ID: 1701075-03 GC Column ID: ZB-1 ICal: PCBVG8-2-8 IC wt/vol: 1.004 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Mono	PCB-1	4.62e+06	2.96	y 16:01	1.07	72.74		*	2.5	*	1.001	0.996-1.006
Mono	PCB-2	1.50e+06	3.09	y 18:25	1.06	22.33		*	2.5	*	0.988	0.983-0.993
Mono	PCB-3	1.69e+06	2.84	y 18:39	1.06	25.22		*	2.5	*	1.001	0.996-1.006
Di	PCB-4/10	2.93e+07	1.56	y 20:01	1.24	695.2		*	2.5	*	1.002	0.998-1.008
Di	PCB-7/9	*	*	n NotF	0.99	*		52800	1.0	9.11	*	0.863-0.871
Di	PCB-6	3.24e+06	1.41	y 22:29	1.06	56.74		*	2.5	*	0.893	0.888-0.897
Di	PCB-5/8	7.96e+06	1.59	y 22:52	1.03	143.6		*	2.5	*	0.908	0.904-0.913
Di	PCB-14	*	*	n NotF	1.03	*		3200	2.5	1.38	*	0.948-0.958
Di	PCB-11	1.12e+06	1.43	y 25:12	1.11	17.97		*	2.5	*	1.001	0.996-1.006
Di	PCB-12/13	2.35e+06	1.35	y 25:34	1.02	41.34		*	2.5	*	1.015	1.011-1.021
Di	PCB-15	1.42e+07	1.55	y 25:54	1.05	240.9		*	2.5	*	1.028	1.023-1.033
Tri	PCB-19	1.40e+07	1.05	y 24:10	1.20	261.8		*	2.5	*	1.001	0.996-1.006
Tri	PCB-30	*	*	n NotF	1.93	*		3500	2.5	0.790	*	1.034-1.044
Tri	PCB-18	2.88e+07	1.04	y 25:50	0.91	486.1		*	2.5	*	0.953	0.948-0.958
Tri	PCB-17	2.08e+07	1.06	y 26:00	0.84	381.8		*	2.5	*	0.960	0.955-0.965
Tri	PCB-24/27	1.29e+07	1.03	y 26:34	1.15	173.2		*	2.5	*	0.981	0.977-0.986
Tri	PCB-16/32	1.24e+07	1.05	y 27:05	1.02	187.5		*	2.5	*	1.000	0.995-1.005
Tri	PCB-34	3.22e+05	1.11	y 27:54	0.96	6.212		*	2.5	*	0.960	0.955-0.965
Tri	PCB-23	*	*	n NotF	0.95	*		2870	2.5	1.36	*	0.958-0.968
Tri	PCB-29	5.64e+04	1.02	y 28:14	0.96	1.084		*	2.5	*	0.972	0.966-0.976
Tri	PCB-26	8.57e+06	1.07	y 28:27	1.00	158.2		*	2.5	*	0.979	0.974-0.984
Tri	PCB-25	4.07e+06	1.02	y 28:36	1.06	71.32		*	2.5	*	0.984	0.980-0.990
Tri	PCB-31	2.35e+07	1.02	y 28:58	1.10	396.4		*	2.5	*	0.997	0.992-1.002
Tri	PCB-28	2.29e+07	1.07	y 29:03	1.14	372.8		*	2.5	*	1.000	0.995-1.005
Tri	PCB-20/21/33	2.92e+06	1.04	y 29:42	1.00	54.24		*	2.5	*	1.022	1.017-1.027
Tri	PCB-22	2.90e+06	1.12	y 30:07	1.09	49.43		*	2.5	*	1.037	1.032-1.042
Tri	PCB-36	5.67e+04	1.39	n 30:44	1.15	0.8964	R	*	2.5	*	0.933	0.929-0.939
Tri	PCB-39	1.86e+05	0.94	y 31:13	1.07	3.170		*	2.5	*	0.948	0.943-0.953
Tri	PCB-38	1.92e+05	1.09	y 31:59	1.10	3.173		*	2.5	*	0.971	0.966-0.976
Tri	PCB-35	3.07e+05	0.96	y 32:30	1.12	4.979		*	2.5	*	0.987	0.982-0.992
Tri	PCB-37	5.09e+06	1.07	y 32:56	1.11	83.20		*	2.5	*	1.000	0.996-1.006
Tetra	PCB-54	4.50e+05	0.85	y 27:56	1.07	7.243		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-50	1.74e+05	0.77	y 29:05	0.87	3.446		*	2.5	*	1.042	1.038-1.048
Tetra	PCB-53	6.83e+06	0.76	y 29:45	1.01	149.7		*	2.5	*	0.945	0.940-0.950
Tetra	PCB-51	1.10e+06	0.78	y 30:06	1.10	22.22		*	2.5	*	0.956	0.952-0.962
Tetra	PCB-45	3.17e+06	0.76	y 30:32	0.87	80.44		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-46	1.98e+06	0.76	y 31:01	0.84	52.32		*	2.5	*	0.986	0.980-0.990

Integrations by:

Analyst: M

Date: 3/20/18

Reviewed by: [illegible] Date: 3/27/18

CT 3/29/18

Client ID: OWS-LHPO-T170816142041 Filename: 180315E1 S:7 Acq:15-MAR-18 16:00:07 ConCal: ST180315E1-1
Lab ID: 1701075-03 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.004 EndCAL: NA

Type	Name	Resp	RA		RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL	UCL
Tetra	PCB-52/69	1.38e+07	0.76	y	31:29	1.21	252.1		*	2.5	*	1.000	0.996	1.006
Tetra	PCB-73	3.86e+05	0.78	y	31:37	1.45	5.884		*	2.5	*	1.005	1.000	1.010
Tetra	PCB-43/49	2.04e+07	0.77	y	31:47	1.01	445.5		*	2.5	*	1.010	1.005	1.015
Tetra	PCB-47	1.09e+07	0.78	y	31:59	0.91	235.5		*	2.5	*	1.000	0.995	1.005
Tetra	PCB-48/75	2.19e+06	0.85	y	32:06	1.13	37.80		*	2.5	*	1.004	0.999	1.009
Tetra	PCB-65	3.22e+04	0.52	n	32:21	1.27	0.4955	R	*	2.5	*	1.012	1.007	1.017
Tetra	PCB-62	*	*	n	NotF╗	1.10	*		2770	2.5	1.05	*	1.011	1.021
Tetra	PCB-44	7.10e+06	0.78	y	32:47	0.85	162.5		*	2.5	*	1.025	1.020	1.030
Tetra	PCB-42/59	4.79e+06	0.75	y	33:01	1.02	91.76		*	2.5	*	1.033	1.027	1.037
Tetra	PCB-41/64/71/72	1.54e+07	0.77	y	33:36	1.17	258.1		*	2.5	*	1.051	1.046	1.056
Tetra	PCB-68	4.15e+05	0.67	y	33:51	1.28	6.349		*	2.5	*	1.059	1.054	1.064
Tetra	PCB-40	2.21e+06	0.76	y	34:03	0.62	69.33		*	2.5	*	1.065	1.060	1.070
Tetra	PCB-57	2.13e+05	0.84	y	34:26	1.13	3.055		*	2.5	*	0.970	0.965	0.975
Tetra	PCB-67	4.57e+05	0.88	y	34:44	1.10	6.716		*	2.5	*	0.979	0.973	0.983
Tetra	PCB-58	1.08e+05	0.67	y	34:51	1.12	1.555		*	2.5	*	0.982	0.977	0.987
Tetra	PCB-63	9.50e+05	0.81	y	35:00	1.00	15.39		*	2.5	*	0.986	0.981	0.991
Tetra	PCB-74	4.75e+06	0.78	y	35:17	1.18	65.05		*	2.5	*	0.994	0.989	0.999
Tetra	PCB-61/70	8.70e+06	0.80	y	35:31	1.03	137.1		*	2.5	*	1.001	0.994	1.004
Tetra	PCB-76/66	8.08e+06	0.76	y	35:43	1.13	115.4		*	2.5	*	1.006	1.000	1.010
Tetra	PCB-80	*	*	n	NotF╗	1.19	*		2770	2.5	0.825	*	0.995	1.005
Tetra	PCB-55	1.93e+05	0.85	y	36:14	1.16	2.630		*	2.5	*	1.009	1.004	1.014
Tetra	PCB-56/60	4.77e+06	0.77	y	36:43	1.04	72.35		*	2.5	*	1.022	1.018	1.028
Tetra	PCB-79	1.01e+05	0.85	y	37:48	1.17	1.362		*	2.5	*	1.053	1.047	1.057
Tetra	PCB-78	*	*	n	NotF╗	1.10	*		2770	2.5	0.926	*	0.982	0.992
Tetra	PCB-81	*	*	n	NotF╗	0.97	*		7250	1.0	1.11	*	0.995	1.005
Tetra	PCB-77	1.25e+06	0.74	y	39:37	1.08	18.86		*	2.5	*	1.000	0.995	1.005
Penta	PCB-104	*	*	n	NotF╗	1.08	*		1980	2.5	1.10	*	0.996	1.006
Penta	PCB-96	2.50e+05	1.49	y	33:53	1.13	4.222		*	2.5	*	1.039	1.034	1.044
Penta	PCB-103	2.48e+05	1.56	y	34:27	0.91	5.230		*	2.5	*	1.056	1.051	1.061
Penta	PCB-100	2.17e+05	1.46	y	34:48	0.93	4.488		*	2.5	*	1.067	1.062	1.072
Penta	PCB-94	2.11e+05	1.70	y	35:16	0.91	5.363		*	2.5	*	0.985	0.981	0.991
Penta	PCB-95/98/102	6.36e+06	1.62	y	35:48	1.17	126.2		*	2.5	*	1.000	0.994	1.004
Penta	PCB-93	*	*	n	NotF╗	0.93	*		1980	2.5	1.57	*	0.997	1.007
Penta	PCB-88/91	2.05e+06	1.49	y	36:12	0.97	48.84		*	2.5	*	1.011	1.005	1.015
Penta	PCB-121	*	*	n	NotF╗	1.68	*		1980	2.5	0.867	*	1.009	1.019
Penta	PCB-84/92	3.63e+06	1.59	y	37:06	0.97	83.15		*	2.5	*	0.990	0.985	0.995
Penta	PCB-89	6.74e+04	1.33	y	37:18	1.06	1.412		*	2.5	*	0.995	0.990	1.000

Analyst: MI

Date: 3/23/18

Client ID: OWS-LHPO-T170816142041 Filename: 180315E1 S:7 Acq:15-MAR-18 16:00:07 ConCal: ST180315E1-1
Lab ID: 1701075-03 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.004 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Penta	PCB-90/101	4.67e+06	1.54	y 37:29	1.08	96.67		*	2.5	*	1.000	0.995-1.005
Penta	PCB-113	8.16e+04	1.47	y 37:41	1.48	1.232		*	2.5	*	1.005	1.002-1.012
Penta	PCB-99	3.06e+06	1.63	y 37:49	1.25	54.48		*	2.5	*	1.009	1.004-1.014
Penta	PCB-119	4.23e+05	1.52	y 38:17	1.70	6.278		*	2.5	*	0.987	0.982-0.992
Penta	PCB-108/112	5.49e+05	1.56	y 38:27	1.40	9.865		*	2.5	*	0.992	0.986-0.996
Penta	PCB-83	*	*	n NotF¶	1.75	*		1980	2.5	0.894	*	0.990-1.000
Penta	PCB-97	1.42e+06	1.59	y 38:47	1.17	30.48		*	2.5	*	1.000	0.995-1.005
Penta	PCB-86	*	*	n NotF¶	1.08	*		1980	2.5	1.45	*	0.999-1.009
Penta	PCB-87/117/125	1.52e+06	1.54	y 39:04	1.55	24.73		*	2.5	*	1.008	1.002-1.012
Penta	PCB-111/115	6.77e+04	1.36	y 39:12	1.79	0.9513		*	2.5	*	1.011	1.006-1.016
Penta	PCB-85/116	7.41e+05	1.58	y 39:19	1.29	14.47		*	2.5	*	1.014	1.009-1.019
Penta	PCB-120	5.60e+04	1.48	y 39:35	1.98	0.7121		*	2.5	*	1.021	1.016-1.026
Penta	PCB-110	7.33e+06	1.57	y 39:44	1.69	109.7		*	2.5	*	1.025	1.020-1.030
Penta	PCB-82	4.07e+05	1.78	y 40:21	0.81	9.301		*	2.5	*	0.976	0.972-0.982
Penta	PCB-124	1.39e+05	1.42	y 41:01	1.30	1.976		*	2.5	*	0.992	0.988-0.998
Penta	PCB-107/109	5.10e+05	1.63	y 41:12	1.31	7.148		*	2.5	*	0.997	0.991-1.001
Penta	PCB-123	7.72e+04	1.70	y 41:20	1.12	1.270		*	2.5	*	1.000	0.996-1.006
Penta	PCB-106/118	3.80e+06	1.60	y 41:32	1.18	56.51		*	2.5	*	1.000	0.996-1.006
Penta	PCB-114	6.51e+04	1.50	y 42:11	1.11	1.361		*	2.5	*	1.000	0.995-1.005
Penta	PCB-122	*	*	n NotF¶	1.03	*		1720	2.5	1.29	*	0.999-1.009
Penta	PCB-105	1.08e+06	1.66	y 43:03	1.12	23.20		*	2.5	*	1.000	0.995-1.005
Penta	PCB-127	*	*	n NotF¶	1.12	*		1720	2.5	1.16	*	0.995-1.005
Penta	PCB-126	*	*	n NotF¶	1.20	*		1720	2.5	1.25	*	0.995-1.005
Hexa	PCB-155	*	*	n NotF¶	0.99	*		1710	2.5	0.818	*	0.995-1.005
Hexa	PCB-150	4.63e+04	1.14	y 38:16	1.02	0.7771		*	2.5	*	1.034	1.030-1.040
Hexa	PCB-152	*	*	n NotF¶	1.16	*		1710	2.5	0.698	*	1.042-1.052
Hexa	PCB-145	*	*	n NotF¶	1.13	*		1710	2.5	0.716	*	1.054-1.064
Hexa	PCB-136	7.70e+05	1.37	y 39:32	1.02	12.95		*	2.5	*	1.068	1.063-1.073
Hexa	PCB-148	*	*	n NotF¶	0.77	*		1710	2.5	1.04	*	1.066-1.076
Hexa	PCB-154	1.52e+05	1.18	y 40:08	0.88	2.983		*	2.5	*	1.084	1.079-1.089
Hexa	PCB-151	7.44e+05	1.25	y 40:47	0.75	17.02		*	2.5	*	1.102	1.095-1.107
Hexa	PCB-135	6.21e+05	1.23	y 40:59	0.86	12.43		*	2.5	*	1.107	1.101-1.113
Hexa	PCB-144	9.51e+04	1.06	y 41:06	0.77	2.137		*	2.5	*	1.111	1.105-1.116
Hexa	PCB-147	2.09e+05	1.27	y 41:14	0.80	4.477		*	2.5	*	1.114	1.108-1.120
Hexa	PCB-139/149	2.92e+06	1.32	y 41:29	0.88	57.16		*	2.5	*	1.121	1.115-1.127
Hexa	PCB-140	4.81e+04	1.29	y 41:40	0.77	1.075		*	2.5	*	1.126	1.120-1.132
Hexa	PCB-134/143	2.27e+05	1.23	y 42:08	0.76	5.631		*	2.5	*	0.976	0.970-0.980

Analyst: MI

Date: 3/23/18

Client ID: OWS-LHPO-T170816142041 Filename: 180315E1 S:7 Acq:15-MAR-18 16:00:07 ConCal: ST180315E1-1
Lab ID: 1701075-03 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.004 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hexa	PCB-131/133	1.44e+05	1.32	y 42:24	0.82	3.344		*	2.5	*	0.982	0.977-0.987
Hexa	PCB-142	*	*	n NotF╗	0.73	*		2150	2.5	1.60	*	0.981-0.991
Hexa	PCB-146/165	6.93e+05	1.07	y 42:48	1.02	12.86		*	2.5	*	0.991	0.986-0.996
Hexa	PCB-132/161	9.72e+05	1.15	y 43:04	1.00	18.31		*	2.5	*	0.997	0.992-1.002
Hexa	PCB-153	2.93e+06	1.26	y 43:12	1.08	51.42		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-168	*	*	n NotF╗	1.12	*		2150	2.5	1.05	*	1.000-1.010
Hexa	PCB-141	3.28e+05	1.13	y 43:56	1.02	7.250		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-137	1.01e+05	1.67	n 44:19	1.10	2.068	R	*	2.5	*	1.009	1.004-1.014
Hexa	PCB-130	2.07e+05	1.08	y 44:26	0.81	5.776		*	2.5	*	1.011	1.007-1.017
Hexa	PCB-138/163/164	3.33e+06	1.21	y 44:48	1.23	57.00		*	2.5	*	1.001	0.996-1.006
Hexa	PCB-158/160	2.48e+05	1.06	y 45:01	1.18	4.437		*	2.5	*	1.006	1.001-1.011
Hexa	PCB-129	9.85e+04	1.29	y 45:16	0.78	2.666		*	2.5	*	1.011	1.007-1.017
Hexa	PCB-166	*	*	n NotF╗	1.13	*		2150	2.5	0.998	*	0.988-0.998
Hexa	PCB-159	*	*	n NotF╗	1.16	*		2150	2.5	0.971	*	0.995-1.005
Hexa	PCB-128/162	4.39e+05	1.36	y 46:20	0.89	8.784		*	2.5	*	1.006	1.002-1.012
Hexa	PCB-167	9.99e+04	1.17	y 46:45	1.02	1.724		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-156	2.59e+05	1.42	y 48:01	1.06	4.453		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-157	6.82e+04	1.40	y 48:18	1.02	1.201		*	2.5	*	1.000	0.996-1.006
Hexa	PCB-169	*	*	n NotF╗	1.13	*		2150	2.5	1.11	*	0.995-1.005
Hepta	PCB-188	*	*	n NotF╗	1.37	*		1750	2.5	0.525	*	0.995-1.005
Hepta	PCB-184	*	*	n NotF╗	1.32	*		1750	2.5	0.546	*	1.006-1.016
Hepta	PCB-179	3.58e+05	0.93	y 44:03	1.38	5.863		*	2.5	*	1.029	1.024-1.034
Hepta	PCB-176	9.54e+04	0.96	y 44:32	1.31	1.654		*	2.5	*	1.040	1.035-1.045
Hepta	PCB-186	*	*	n NotF╗	1.42	*		1750	2.5	0.507	*	1.049-1.059
Hepta	PCB-178	1.41e+05	0.76	n 45:37	0.97	3.290	R	*	2.5	*	1.065	1.060-1.070
Hepta	PCB-175	*	*	n NotF╗	1.00	*		1750	2.5	0.722	*	1.069-1.079
Hepta	PCB-182/187	8.01e+05	1.01	y 46:07	1.14	15.92		*	2.5	*	1.077	1.072-1.082
Hepta	PCB-183	2.39e+05	0.99	y 46:28	1.13	4.805		*	2.5	*	1.085	1.080-1.090
Hepta	PCB-185	*	*	n NotF╗	1.36	*		1750	2.5	0.772	*	0.950-0.960
Hepta	PCB-174	3.82e+05	0.97	y 47:29	1.42	8.392		*	2.5	*	0.963	0.958-0.968
Hepta	PCB-181	*	*	n NotF╗	1.48	*		1750	2.5	0.709	*	0.960-0.970
Hepta	PCB-177	2.72e+05	1.16	y 47:45	1.33	6.364		*	2.5	*	0.968	0.963-0.973
Hepta	PCB-171	9.87e+04	0.93	y 48:03	1.37	2.241		*	2.5	*	0.974	0.969-0.979
Hepta	PCB-173	*	*	n NotF╗	1.27	*		1750	2.5	0.825	*	0.978-0.988
Hepta	PCB-172	7.39e+04	1.29	n 48:56	1.39	1.658	R	*	2.5	*	0.992	0.987-0.997
Hepta	PCB-192	*	*	n NotF╗	1.80	*		1750	2.5	0.580	*	0.991-1.001
Hepta	PCB-180	8.88e+05	1.02	y 49:19	1.52	18.23		*	2.5	*	1.000	0.995-1.005

Analyst: MJ

Date: 3/23/18

Client ID: OWS-LHPO-T170816142041 Filename: 180315E1 S:7 Acq:15-MAR-18 16:00:07 ConCal: ST180315E1-1
Lab ID: 1701075-03 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.004 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hepta	PCB-193	8.59e+04	1.10	y 49:32	1.71	1.561		*	2.5	*	1.005	0.999-1.009
Hepta	PCB-191	*	*	n NotF╗	1.74	*		1750	2.5	0.601	*	1.005-1.015
Hepta	PCB-170	3.63e+05	0.90	y 50:55	1.44	8.997		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-190	1.34e+05	1.08	y 51:06	1.95	2.442		*	2.5	*	1.004	0.999-1.009
Hepta	PCB-189	*	*	n NotF╗	1.46	*		1750	2.5	0.552	*	0.995-1.005
Octa	PCB-202	1.43e+05	0.82	y 48:14	1.06	2.621		*	2.5	*	1.000	0.995-1.005
Octa	PCB-201	4.80e+04	0.94	y 48:44	0.98	0.9541		*	2.5	*	1.010	1.006-1.016
Octa	PCB-204	*	*	n NotF╗	1.07	*		1700	2.5	0.745	*	1.009-1.019
Octa	PCB-197	*	*	n NotF╗	1.10	*		1700	2.5	0.726	*	1.015-1.025
Octa	PCB-200	5.26e+04	0.98	y 50:06	1.04	0.9811		*	2.5	*	1.039	1.034-1.044
Octa	PCB-198	*	*	n NotF╗	0.84	*		1700	2.5	0.950	*	1.065-1.075
Octa	PCB-199	3.37e+05	1.01	y 51:41	0.80	8.195		*	2.5	*	1.072	1.067-1.077
Octa	PCB-196/203	3.07e+05	0.88	y 51:59	0.84	7.086		*	2.5	*	1.078	1.072-1.082
Octa	PCB-195	4.61e+04	1.06	n 53:11	1.04	1.512	R	*	2.5	*	0.983	0.979-0.989
Octa	PCB-194	1.58e+05	0.93	y 54:06	1.16	4.630		*	2.5	*	1.000	0.995-1.005
Octa	PCB-205	*	*	n NotF╗	1.33	*		1490	2.5	0.648	*	1.000-1.010
Nona	PCB-208	1.29e+05	1.18	y 53:21	0.90	3.363		*	2.5	*	1.000	0.995-1.005
Nona	PCB-207	4.74e+04	1.31	y 53:41	0.89	1.248		*	2.5	*	1.006	1.001-1.011
Nona	PCB-206	1.81e+05	1.16	y 55:39	0.88	6.151		*	2.5	*	1.000	0.995-1.005
Deca	PCB-209	2.26e+05	1.13	y 56:59	1.04	6.142		*	2.5	*	1.000	0.995-1.005

Analyst: MI

Date: 3/23/18

Name	Resp	RA		RT	RRF	Conc	
Total Mono-PCB	7.81e+06	2.96	y	16:01	1.06	120.296	
Total Di-PCB	5.82e+07	1.56	y	20:01	1.04	1195.72	
Total Tri-PCB	8.89e+07	1.05	y	24:10	1.15	1490.46	
Total Tri-PCB	7.10e+07	1.11	y	27:54	1.05	1204.19	Sum:2694.65
Total Tetra-PCB	1.21e+08	0.85	y	27:56	1.06	2319.75	
Total Penta-PCB	3.79e+07	1.49	y	33:53	1.18	704.634	
Total Penta-PCB	1.15e+06	1.50	y	42:11	1.12	24.5584	Sum:729.193
Total Hexa-PCB	5.61e+06	1.14	y	38:16	0.91	111.007	
Total Hexa-PCB	1.00e+07	1.23	y	42:08	1.00	184.858	Sum:295.865
Total Hepta-PCB	3.72e+06	0.93	y	44:03	1.35	76.4648	
Total Octa-PCB	8.87e+05	0.82	y	48:14	0.95	19.8373	
Total Octa-PCB	1.58e+05	0.93	y	54:06	1.17	4.62961	Sum:24.4669
Total Nona-PCB	3.57e+05	1.18	y	53:21	0.89	10.7624	
Total Deca-PCB	2.26e+05	1.13	y	56:59	1.04	6.14212	

Total PCB Conc:7483.23271900

Integrations
by
Analyst: MJ

Date: 3/23/18

Client ID: OWS-LHPO-T170816142041 Filename: 180315E1 S:7 Acq:15-MAR-18 16:00:07 ConCal: ST180315E1-1
Lab ID: 1701075-03 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol:1.0041 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-1	1.18e+08	3.14 y	1.13	16:00	0.618	0.616	0.622	1410	70.9
13C-PCB-3	1.26e+08	3.13 y	1.21	18:38	0.720	0.716	0.724	1410	70.6
13C-PCB-4	6.79e+07	1.60 y	0.59	19:59	0.772	0.769	0.777	1550	77.6
13C-PCB-9	1.07e+08	1.55 y	0.94	21:47	0.842	0.837	0.845	1540	77.4
13C-PCB-11	1.11e+08	1.56 y	0.95	25:11	0.973	0.968	0.978	1590	79.8
13C-PCB-19	8.93e+07	1.07 y	0.62	24:09	0.933	0.928	0.938	1930	97.1
13C-PCB-28	1.08e+08	1.04 y	1.05	29:03	1.004	0.999	1.009	1690	84.8
13C-PCB-32	1.29e+08	1.06 y	0.91	27:05	1.046	1.041	1.051	1920	96.3
13C-PCB-37	1.10e+08	1.06 y	1.02	32:56	1.138	1.132	1.144	1770	88.9
13C-PCB-47	1.02e+08	0.79 y	0.83	31:58	0.871	0.867	0.875	1680	84.6
13C-PCB-52	9.00e+07	0.80 y	0.76	31:28	0.857	0.853	0.861	1620	81.5
13C-PCB-54	1.15e+08	0.78 y	0.93	27:55	0.760	0.756	0.764	1710	85.8
13C-PCB-70	1.23e+08	0.81 y	1.00	35:30	0.966	0.961	0.971	1700	85.3
13C-PCB-77	1.22e+08	0.80 y	0.96	39:36	1.078	1.073	1.083	1760	88.3
13C-PCB-80	1.26e+08	0.80 y	1.00	35:55	0.978	0.973	0.983	1750	87.6
13C-PCB-81	1.28e+08	0.78 y	1.01	39:01	1.062	1.057	1.067	1750	88.0
13C-PCB-95	8.57e+07	1.56 y	0.80	35:47	0.913	0.908	0.918	1720	86.5
13C-PCB-97	7.90e+07	1.57 y	0.70	38:46	0.989	0.984	0.994	1820	91.2
13C-PCB-101	8.93e+07	1.59 y	0.80	37:29	0.956	0.951	0.961	1800	90.2
13C-PCB-104	1.04e+08	1.57 y	1.01	32:37	0.832	0.828	0.836	1670	83.7
13C-PCB-105	8.28e+07	1.57 y	1.14	43:02	0.929	0.924	0.934	1630	81.9
13C-PCB-114	8.57e+07	1.56 y	1.18	42:10	0.910	0.905	0.915	1630	81.8
13C-PCB-118	1.13e+08	1.60 y	1.00	41:31	1.059	1.054	1.064	1840	92.3
13C-PCB-123	1.08e+08	1.57 y	0.95	41:20	1.054	1.049	1.059	1850	92.7
13C-PCB-126	8.14e+07	1.59 y	1.14	45:16	0.977	0.972	0.982	1610	80.9
13C-PCB-127	9.03e+07	1.59 y	1.24	43:23	0.936	0.931	0.941	1630	82.1
13C-PCB-138	9.41e+07	1.23 y	1.17	44:46	0.966	0.962	0.972	1800	90.5
13C-PCB-141	8.85e+07	1.27 y	1.11	43:56	0.948	0.944	0.954	1800	90.3
13C-PCB-153	1.05e+08	1.25 y	1.34	43:11	0.932	0.928	0.938	1770	89.0
13C-PCB-155	1.16e+08	1.24 y	0.83	37:01	0.944	0.939	0.949	2260	114
13C-PCB-156	1.09e+08	1.26 y	1.38	48:01	1.037	1.032	1.042	1770	89.1
13C-PCB-157	1.10e+08	1.25 y	1.37	48:18	1.043	1.037	1.047	1810	90.9
13C-PCB-159	1.12e+08	1.27 y	1.39	46:03	0.994	0.989	0.999	1810	90.8
13C-PCB-167	1.13e+08	1.28 y	1.40	46:44	1.009	1.004	1.014	1820	91.2
13C-PCB-169	1.06e+08	1.25 y	1.39	50:30	1.090	1.085	1.095	1720	86.4
13C-PCB-170	5.59e+07	0.46 y	0.86	50:54	1.103	1.097	1.109	1870	94.0
13C-PCB-180	6.40e+07	0.46 y	0.98	49:18	1.069	1.064	1.074	1880	94.6
13C-PCB-188	8.77e+07	0.45 y	1.40	42:49	0.928	0.923	0.933	1800	90.6
13C-PCB-189	7.21e+07	0.46 y	1.15	52:32	1.138	1.132	1.144	1800	90.5
13C-PCB-194	5.86e+07	0.90 y	0.77	54:05	0.995	0.990	1.000	1870	94.1
13C-PCB-202	1.03e+08	0.91 y	1.28	48:14	1.045	1.040	1.050	2300	115
13C-PCB-206	6.63e+07	0.78 y	0.81	55:39	1.024	1.019	1.029	2020	101
13C-PCB-208	8.51e+07	0.78 y	1.09	53:20	0.981	0.977	0.987	1920	96.3
13C-PCB-209	7.04e+07	1.18 y	0.74	56:58	1.048	1.043	1.053	2360	118

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.49e+08	0.79 y	1.03	37:48	1.029	1.024	1.034	1990	99.7
13C-PCB-178	6.55e+07	0.46 y	0.93	45:37	0.985	0.980	0.990	2030	102

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.49e+08	0.79 y	1.03	37:48	0.969	0.963	0.973	2260	113
13C-PCB-178	6.55e+07	0.46 y	0.95	45:37	0.925	0.920	0.930	2140	108

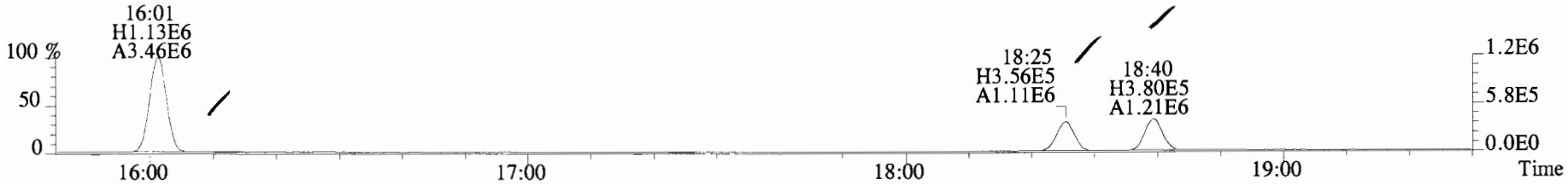
RS

Name	Resp	RA	RRF	RT	Conc
13C-PCB-15	1.47e+08	1.55 y	1.00	25:53	1990
13C-PCB-31	1.21e+08	1.04 y	1.00	28:56	1990
13C-PCB-60	1.44e+08	0.79 y	1.00	36:43	1990
13C-PCB-111	1.23e+08	1.58 y	1.00	39:12	1990
13C-PCB-128	8.86e+07	1.26 y	1.00	46:19	1990
13C-PCB-182	6.93e+07	0.46 y	1.00	46:09	1990
13C-PCB-205	8.09e+07	0.88 y	1.00	54:21	1990

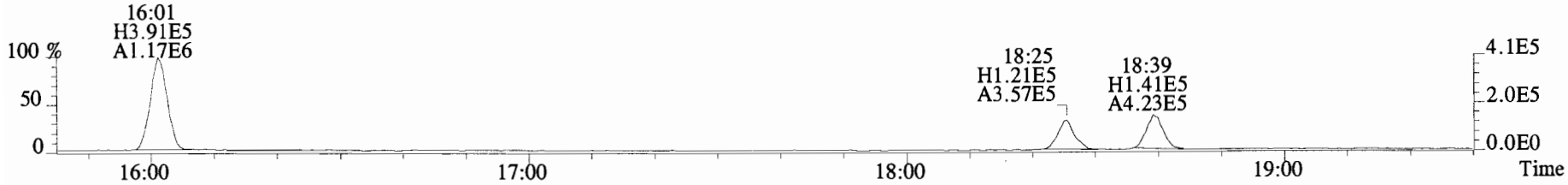
Analyst: M

Date: 3/23/18

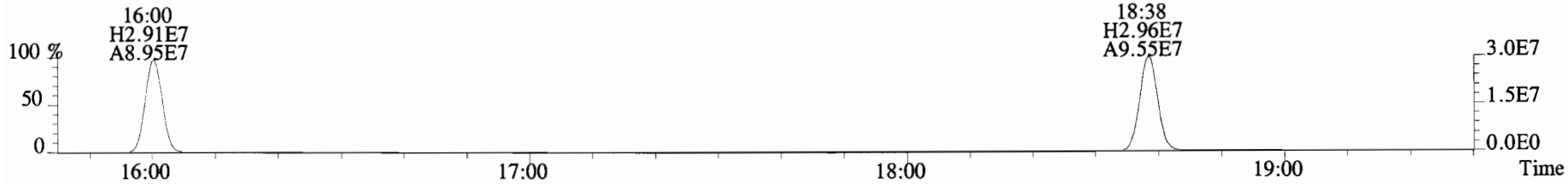
File:180315E1 #1-867 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
188.0393 S:7 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17576.0,0.00%,F,F)



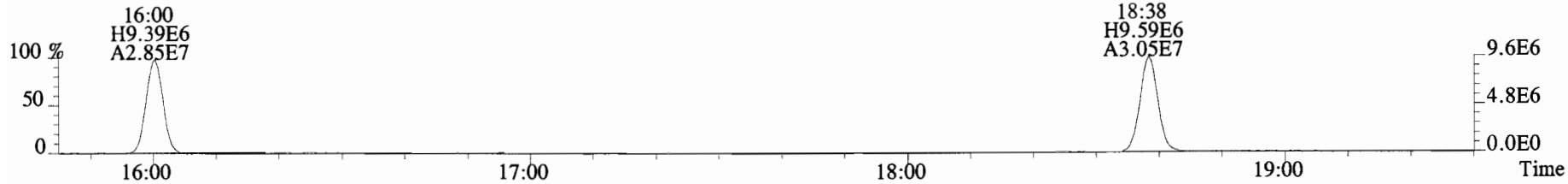
190.0363 S:7 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12276.0,0.00%,F,F)



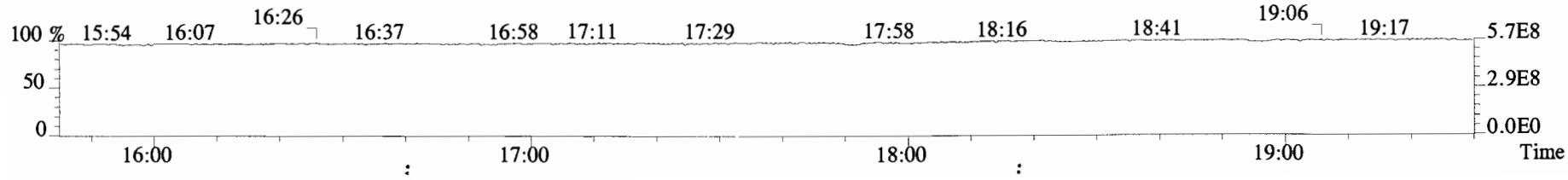
200.0795 S:7 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11724.0,0.00%,F,F)



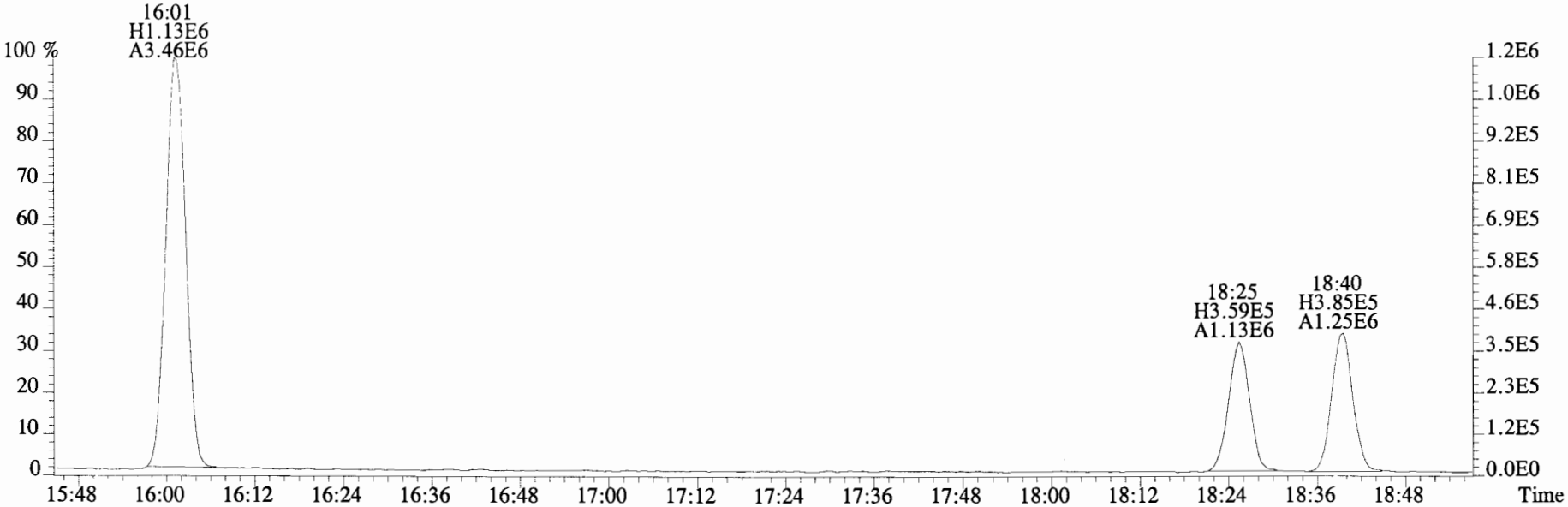
202.0766 S:7 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26148.0,0.00%,F,F)



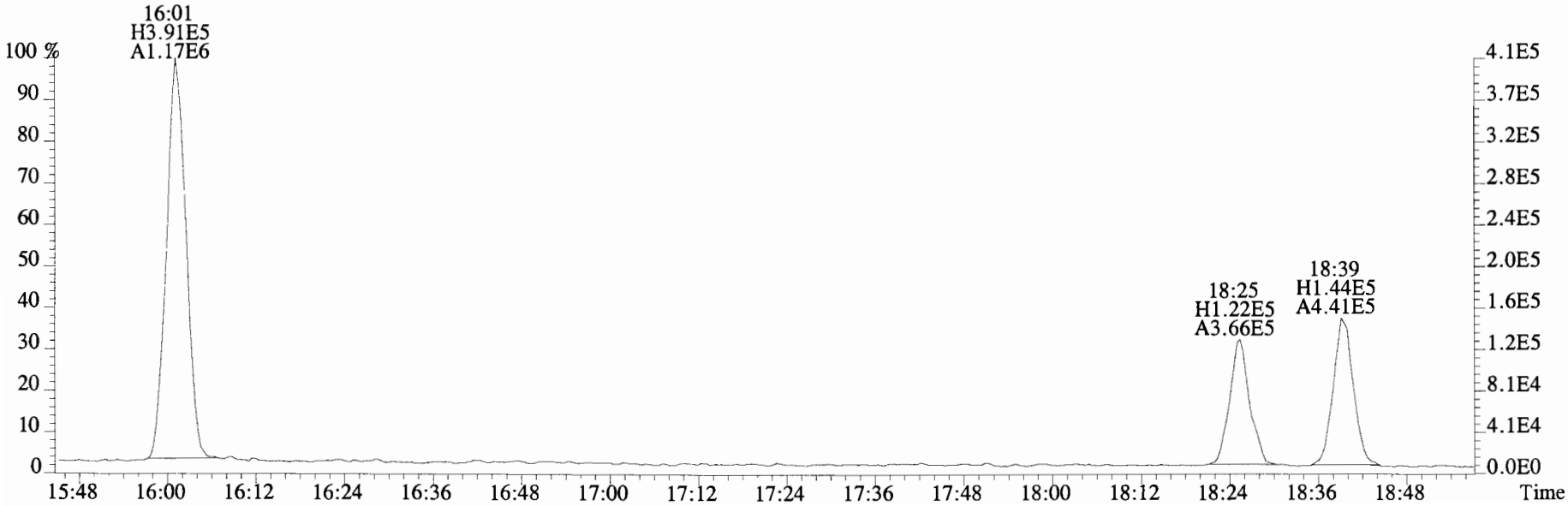
180.9880 S:7



File:180315E1 #1-867 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
188.0393 S:7 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17576.0,0.00%,F,F)

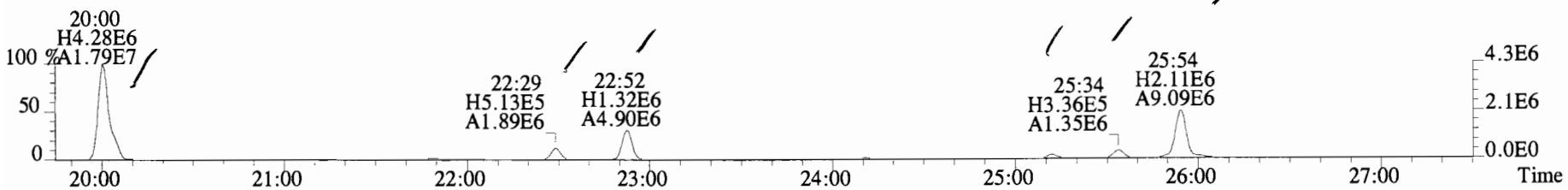


190.0363 S:7 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12276.0,0.00%,F,F)

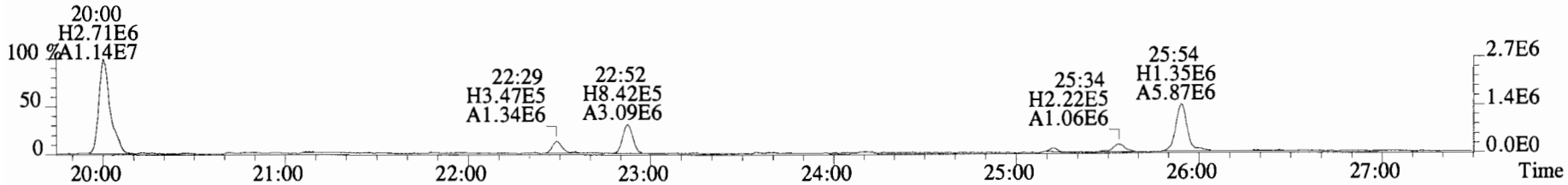


File:180315E1 #1-757 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1

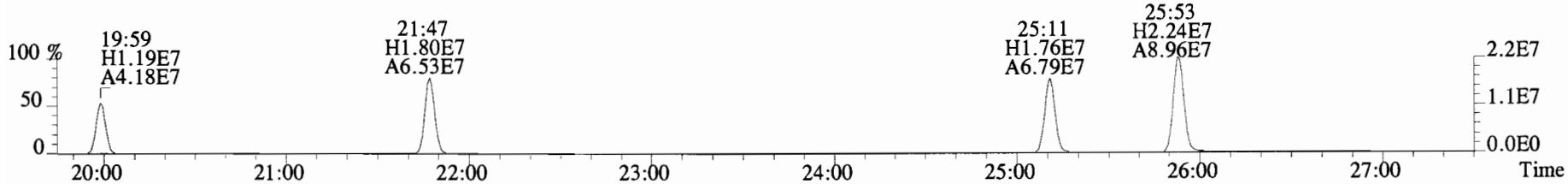
222.0003 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3936.0,0.00%,F,F)



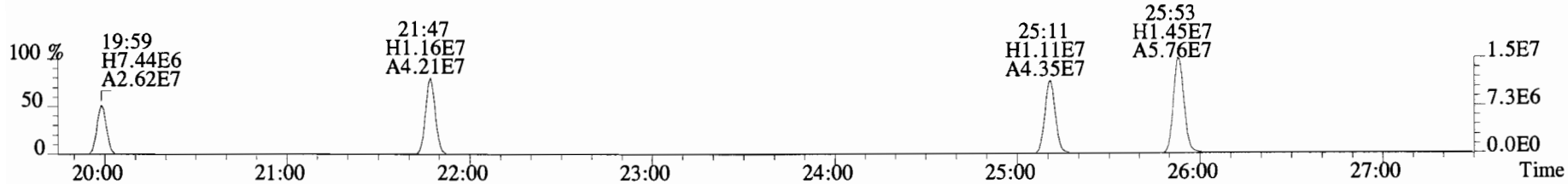
223.9974 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43668.0,0.00%,F,F)



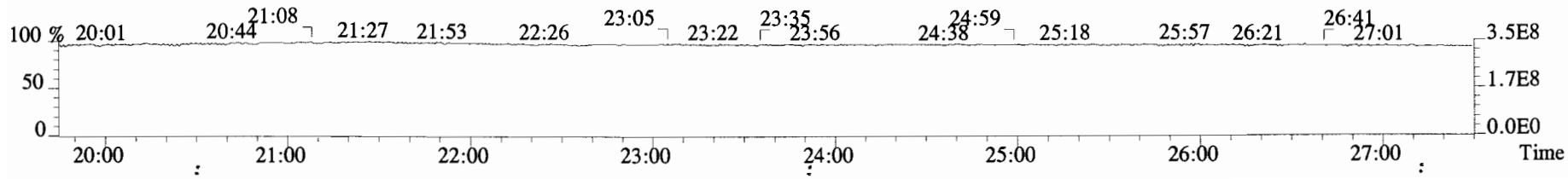
234.0406 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8660.0,0.00%,F,F)



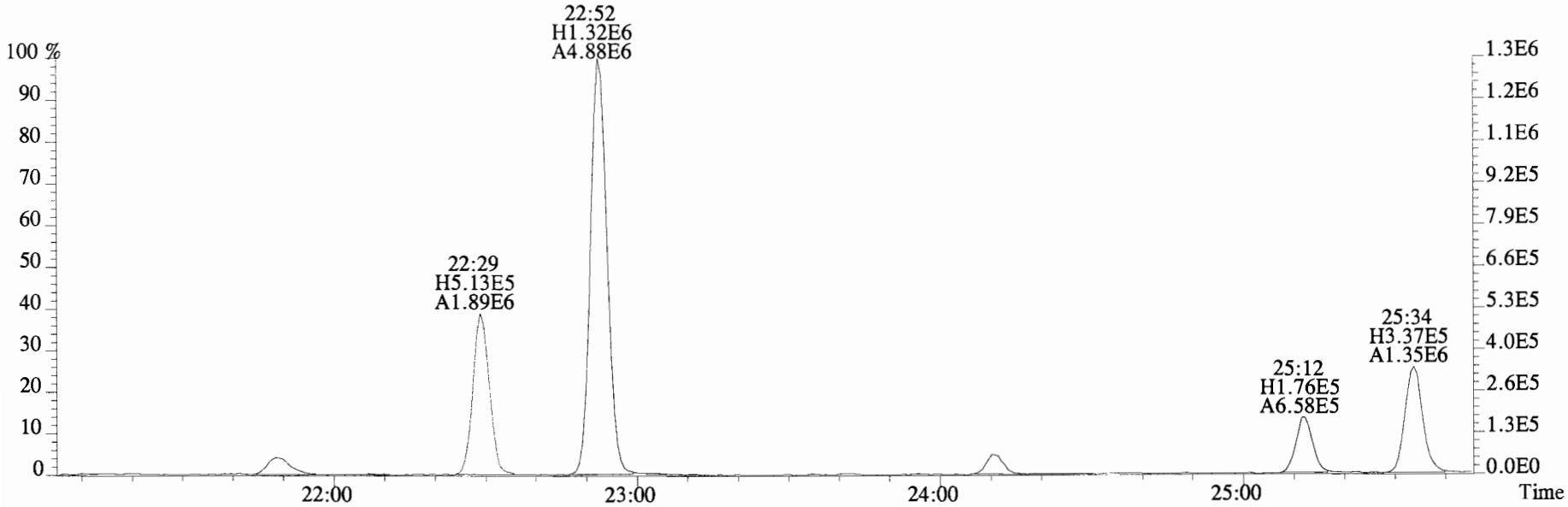
236.0376 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5928.0,0.00%,F,F)



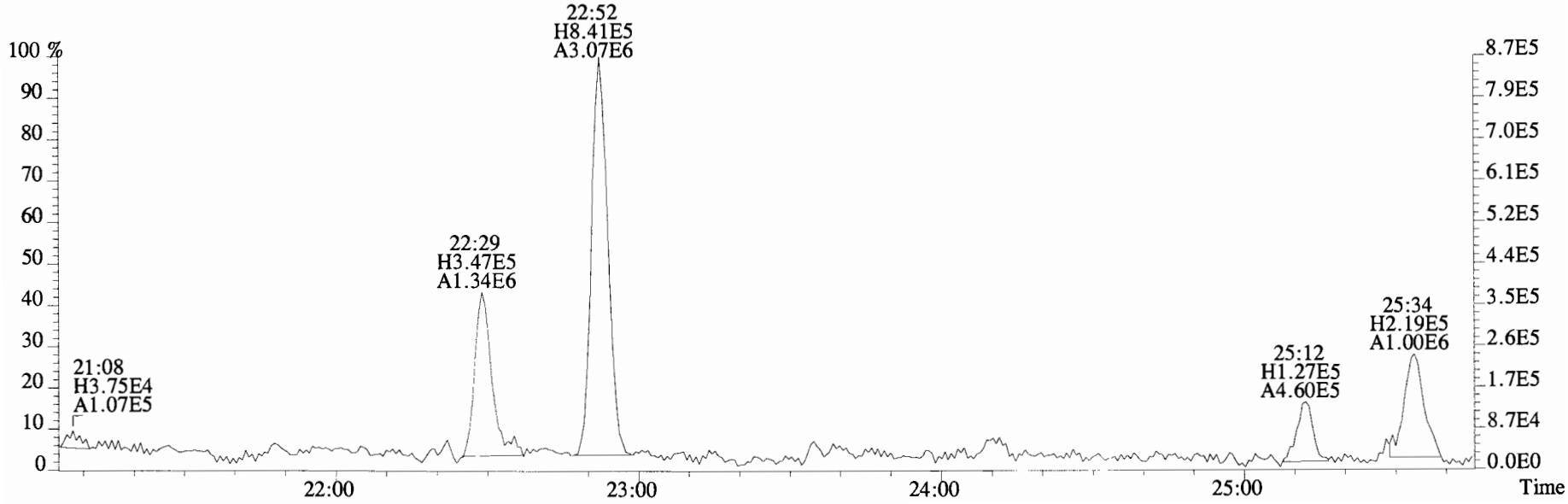
230.9856 S:7 F:2



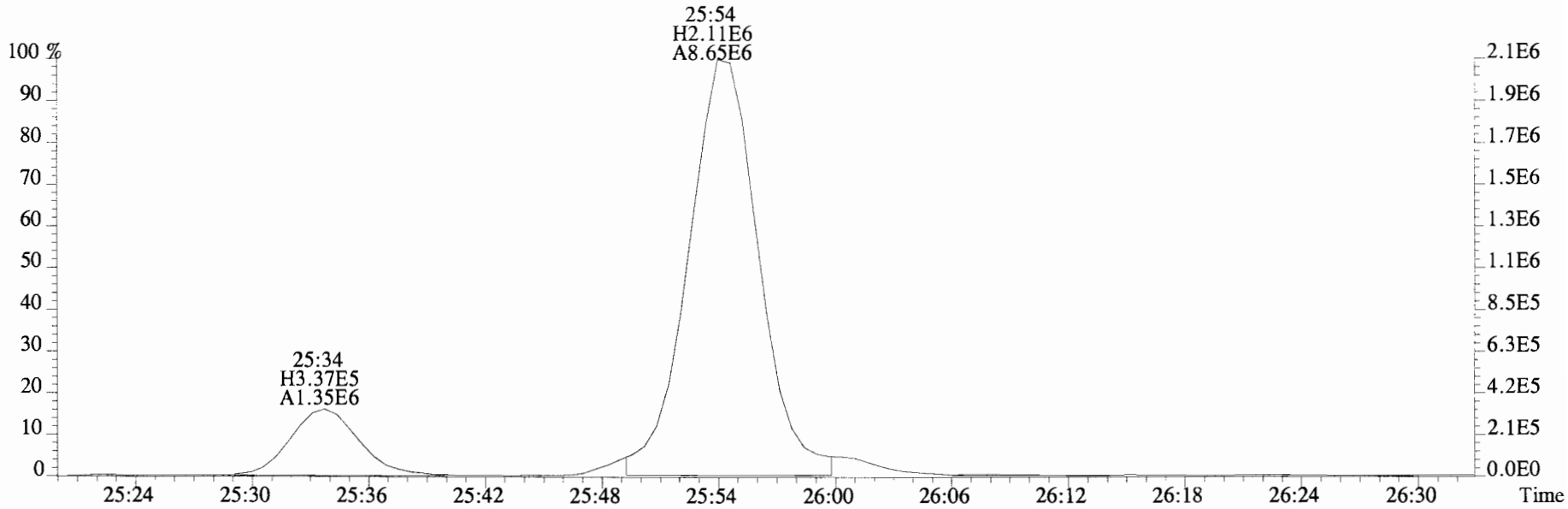
File:180315E1 #1-757 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
222.0003 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3936.0,0.00%,F,F)



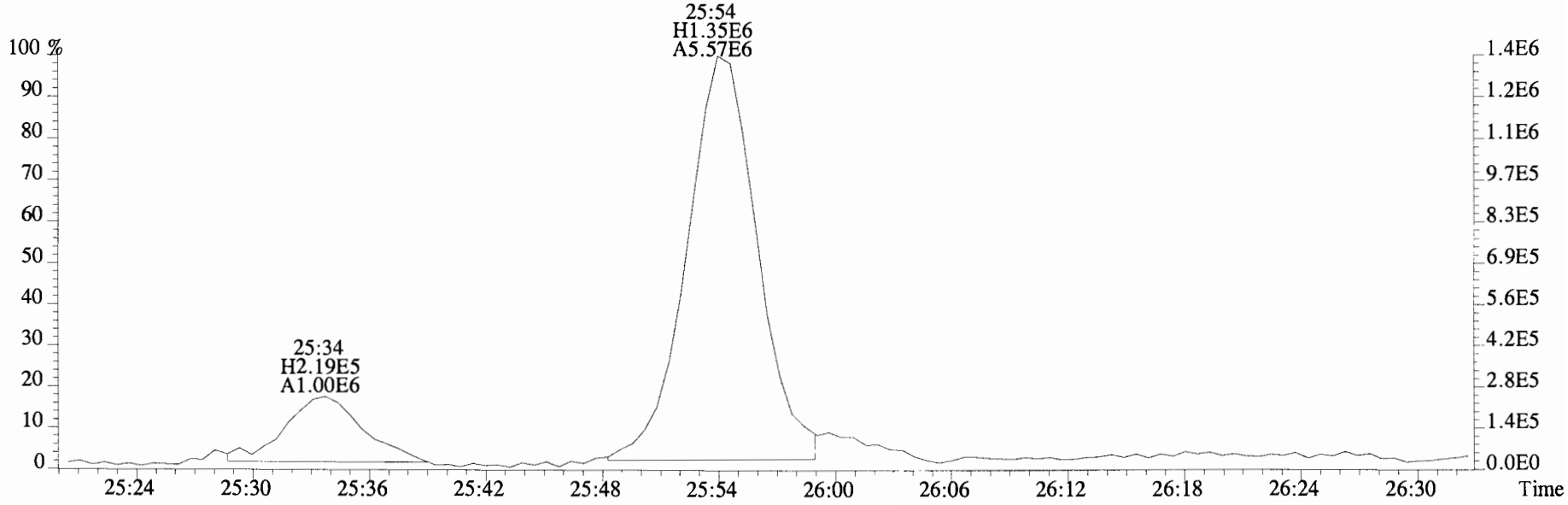
223.9974 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43668.0,0.00%,F,F)



File:180315E1 #1-757 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
222.0003 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3936.0,0.00%,F,F)

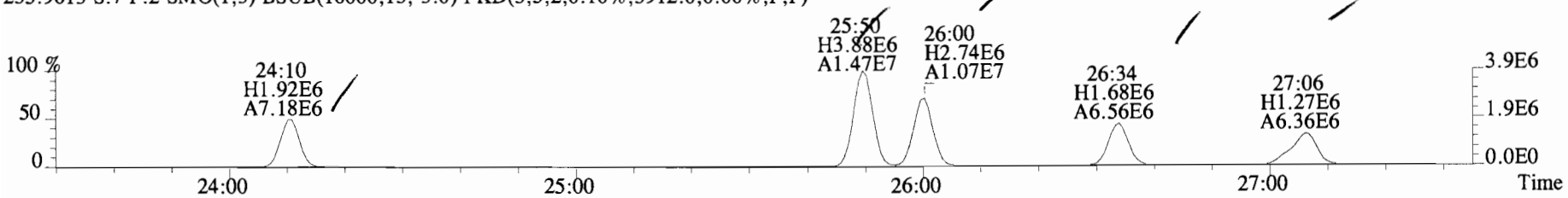


223.9974 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43668.0,0.00%,F,F)

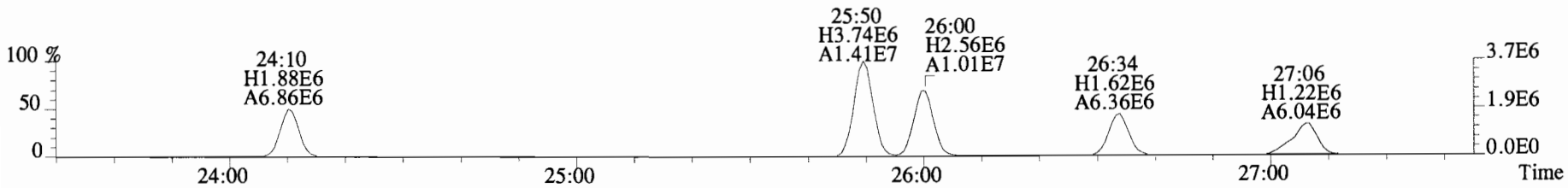


File:180315E1 #1-757 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1

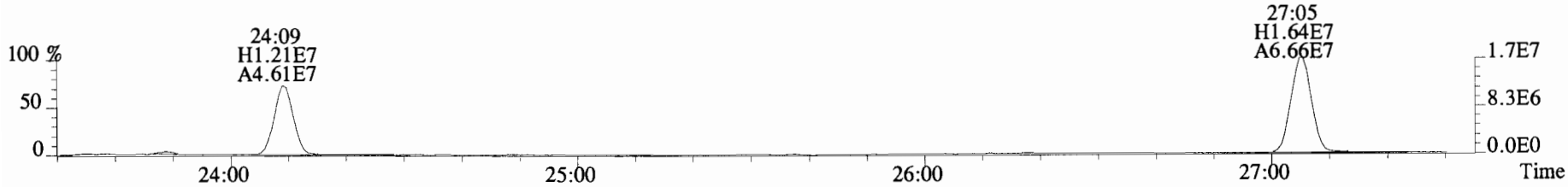
255.9613 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5912.0,0.00%,F,F)



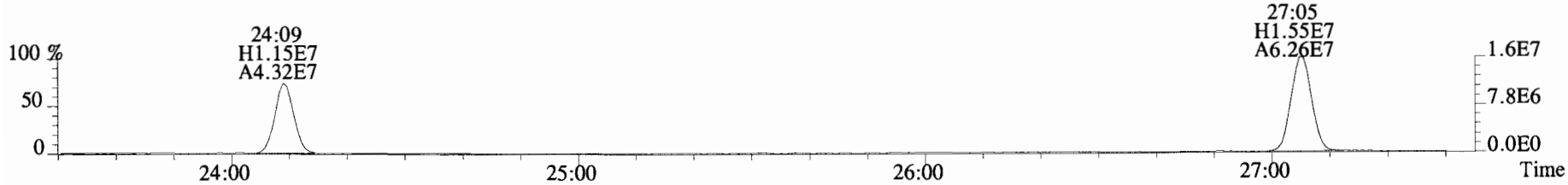
257.9584 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3500.0,0.00%,F,F)



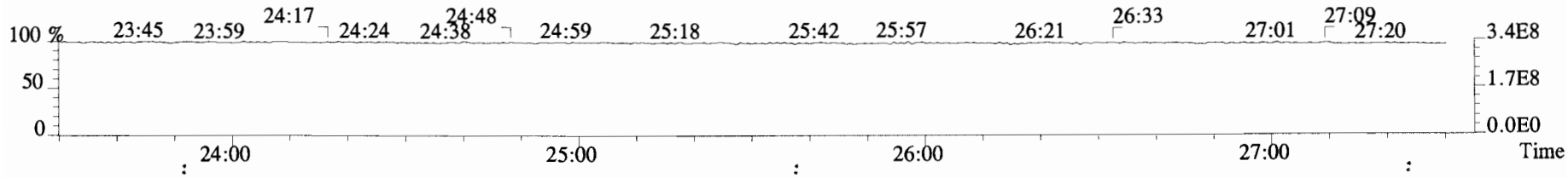
268.0016 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,225200.0,0.00%,F,F)



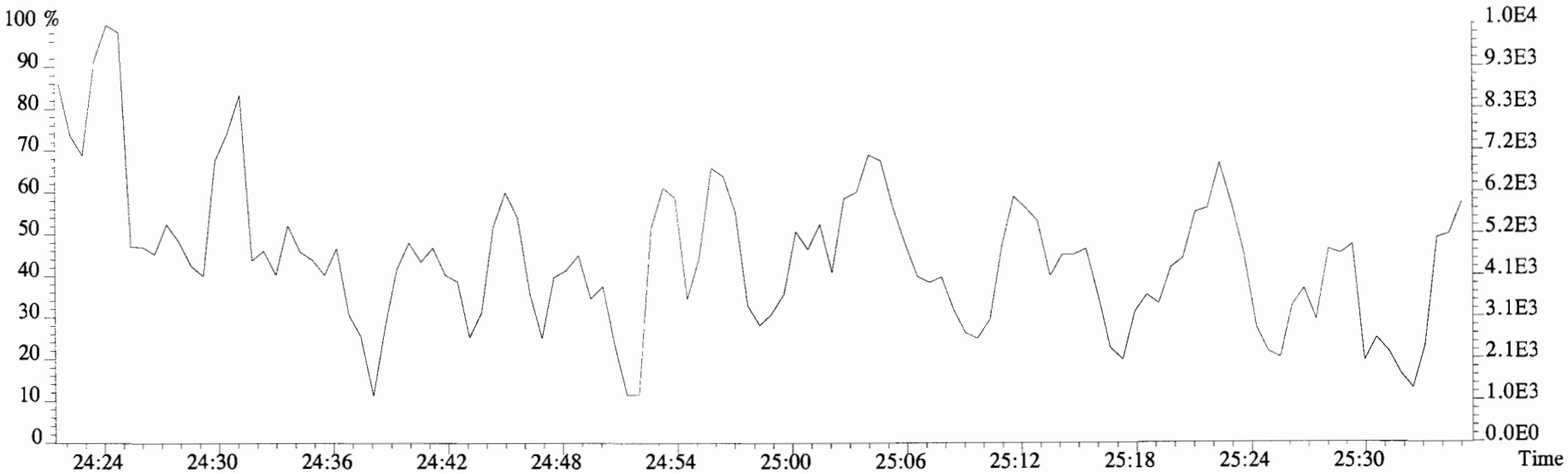
269.9986 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,142536.0,0.00%,F,F)



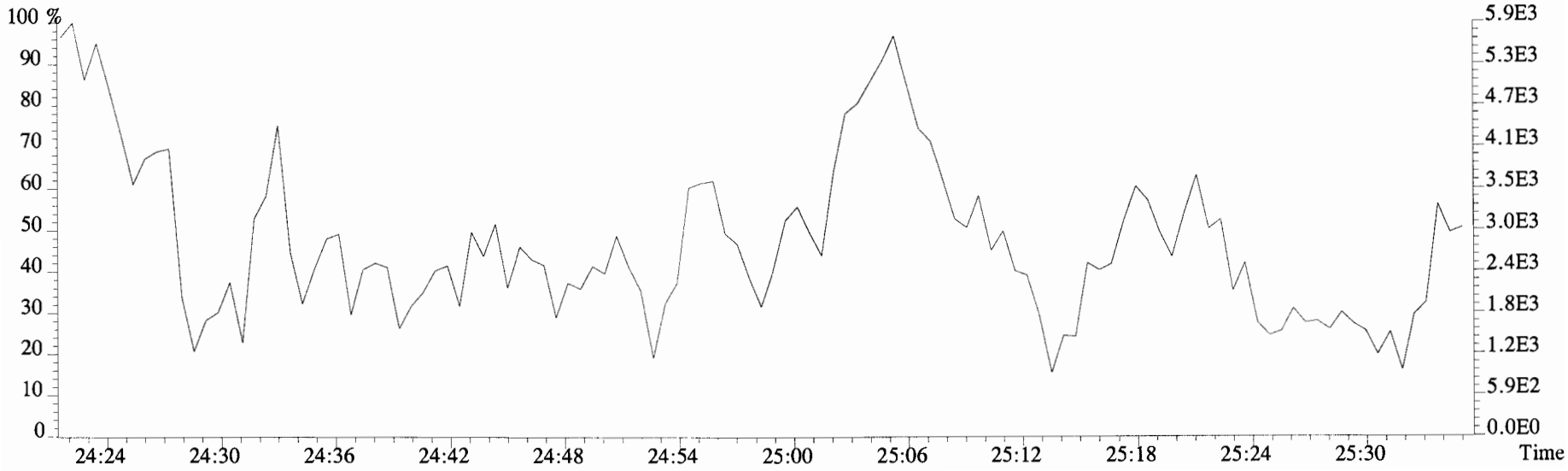
230.9856 S:7 F:2



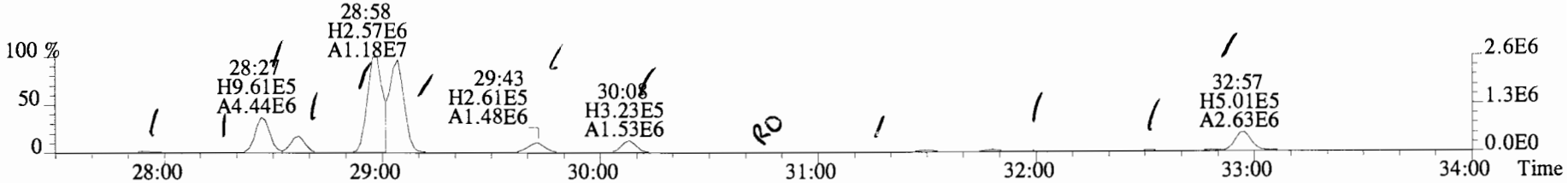
File:180315E1 #1-757 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
255.9613 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5912.0,0.00%,F,F)



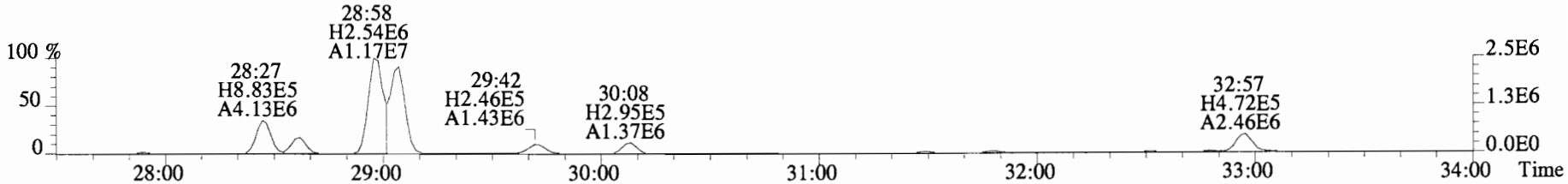
257.9584 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3500.0,0.00%,F,F)



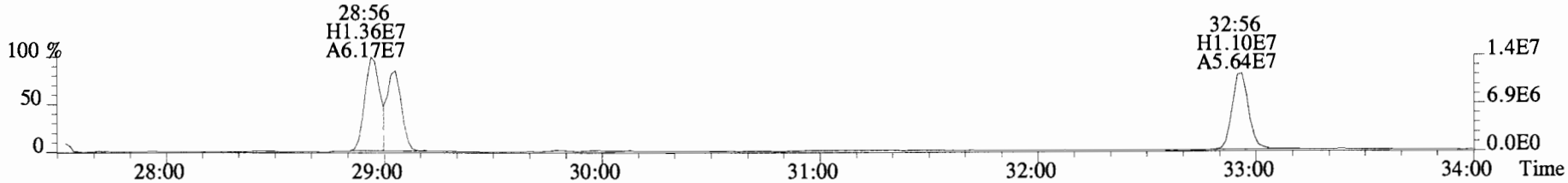
File:180315E1 #1-756 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
255.9613 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4136.0,0.00%,F,F)



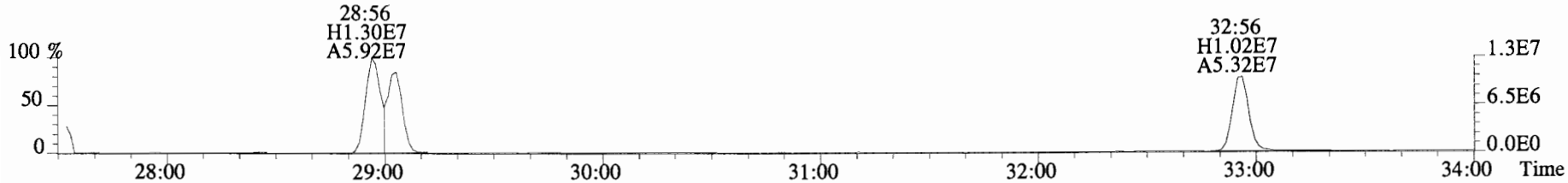
257.9584 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2868.0,0.00%,F,F)



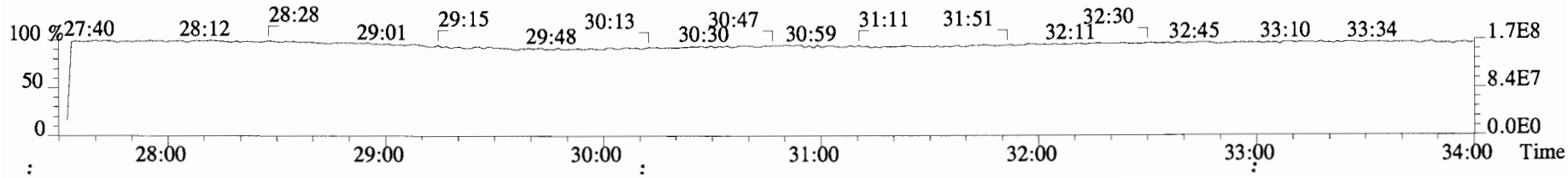
268.0016 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,197960.0,0.00%,F,F)



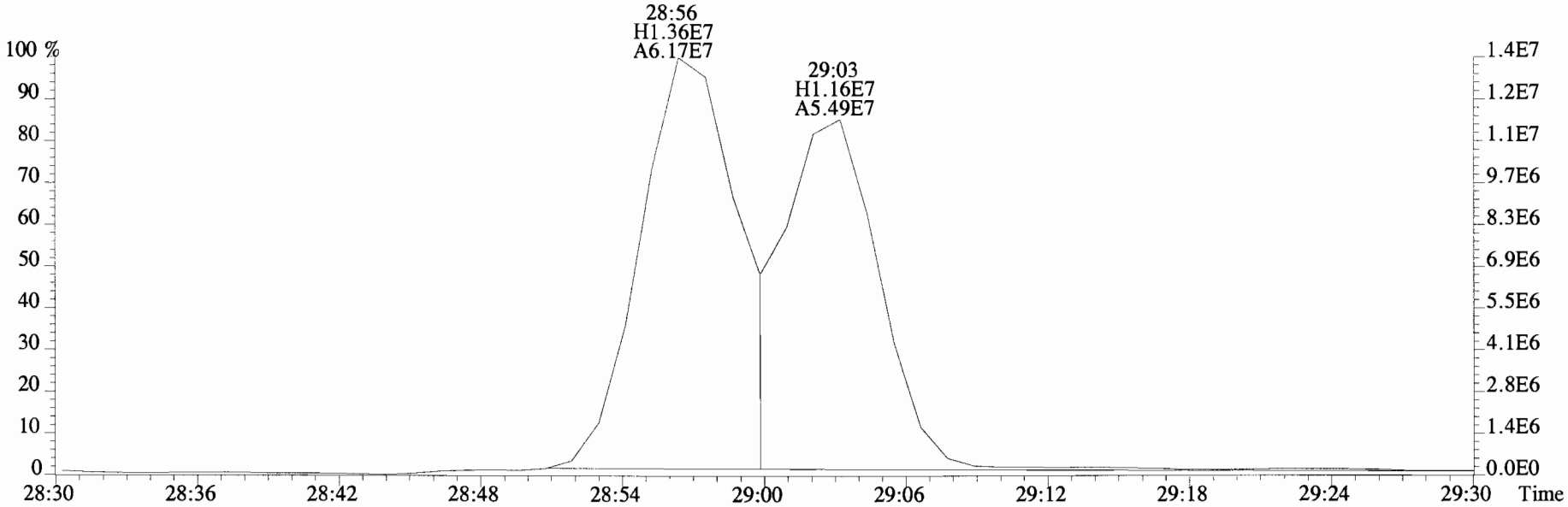
269.9986 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,65864.0,0.00%,F,F)



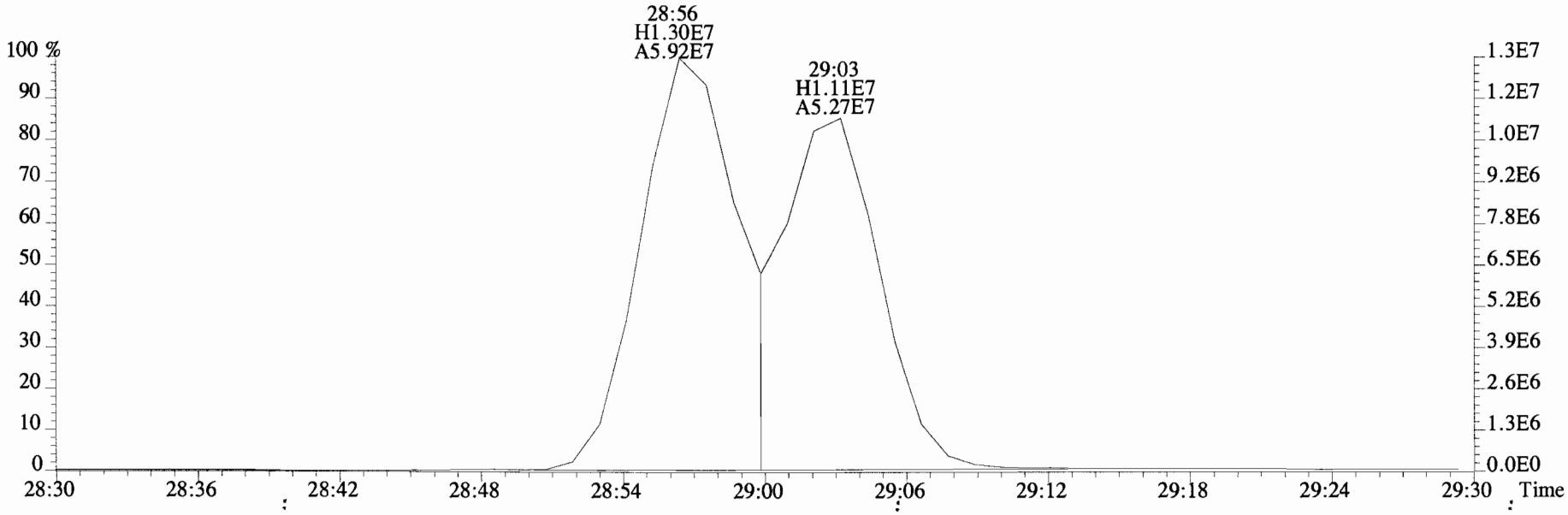
330.9792 S:7 F:3



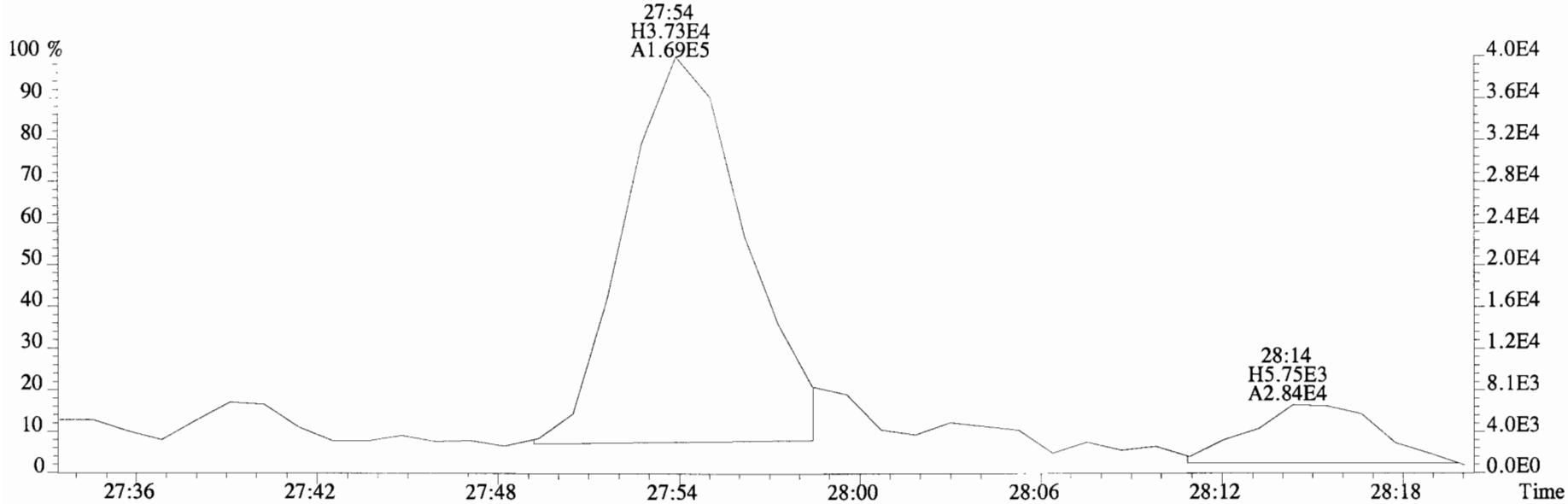
File:180315E1 #1-756 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
268.0016 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,197960.0,0.00%,F,F)



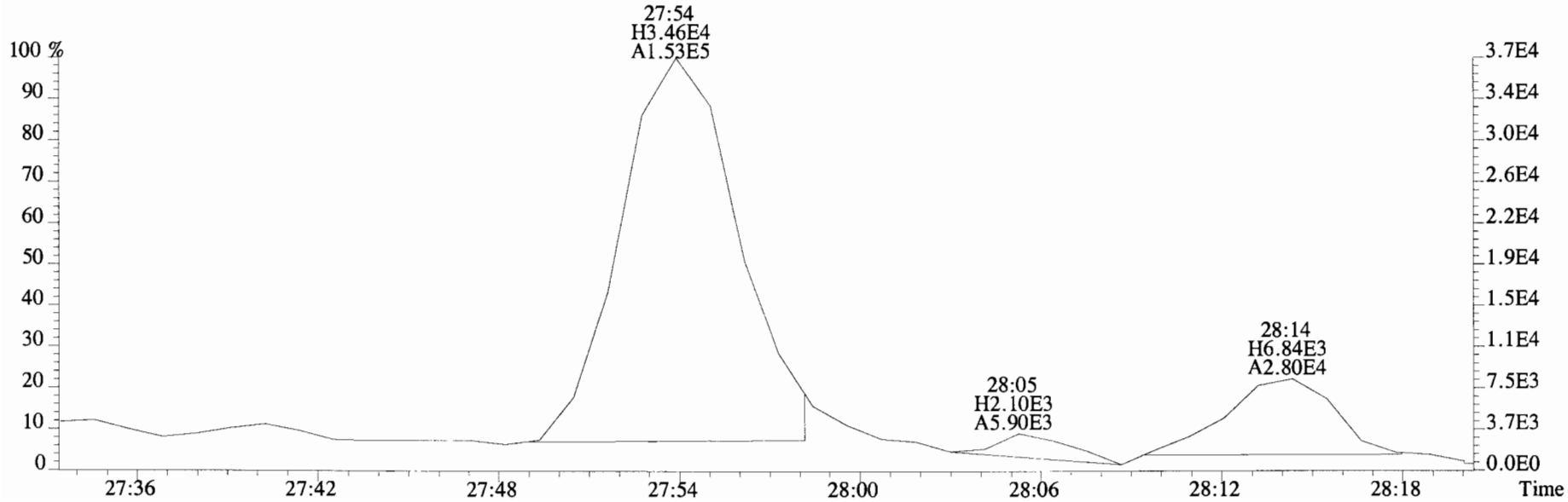
269.9986 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,65864.0,0.00%,F,F)



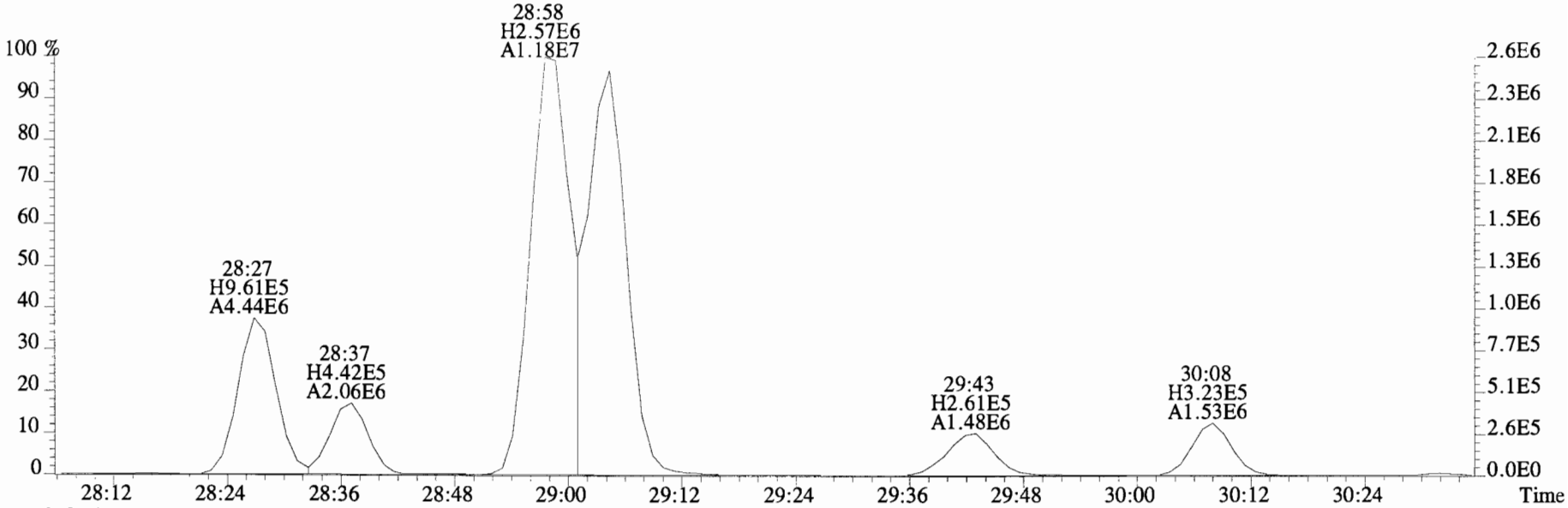
File:180315E1 #1-756 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
255.9613 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4136.0,0.00%,F,F)



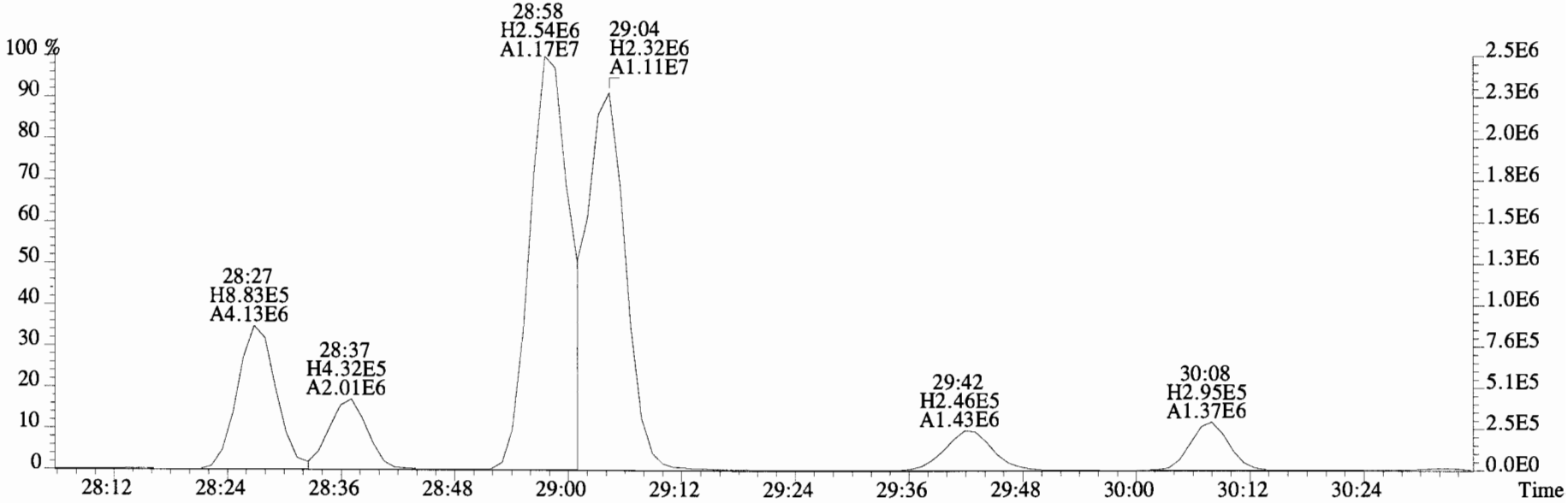
257.9584 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2868.0,0.00%,F,F)



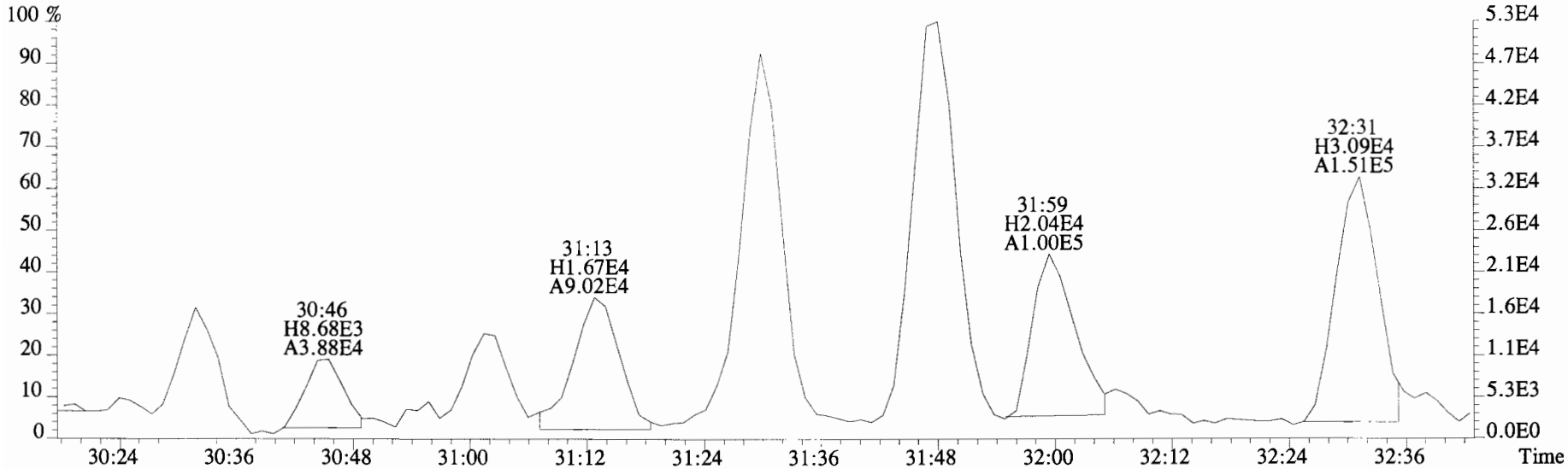
File:180315E1 #1-756 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
255.9613 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4136.0,0.00%,F,F)



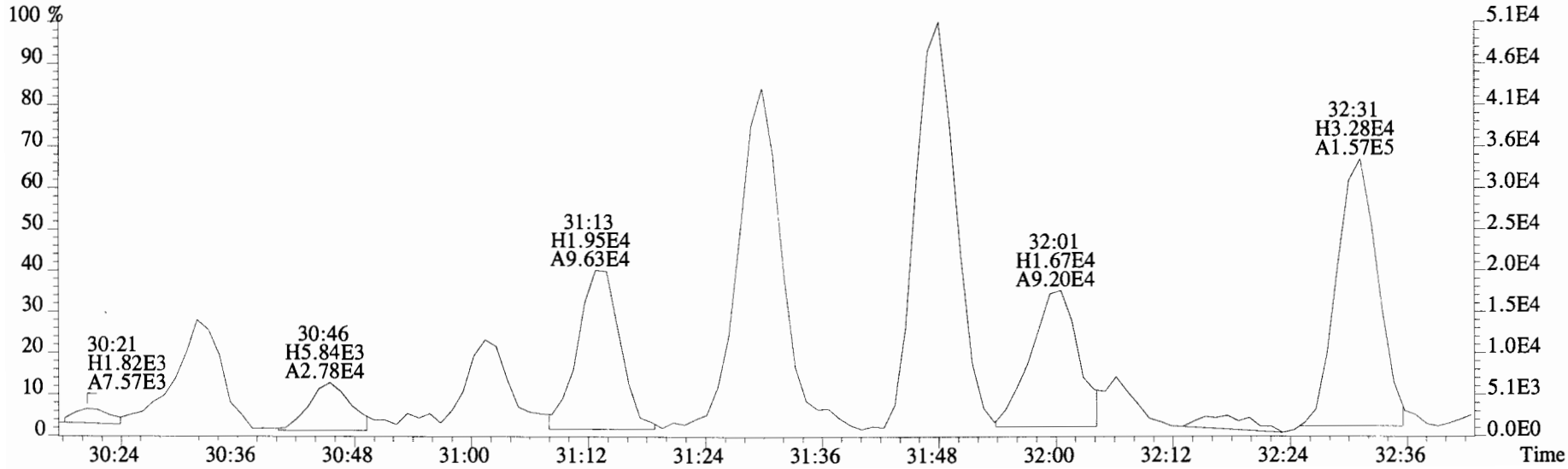
257.9584 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2868.0,0.00%,F,F)



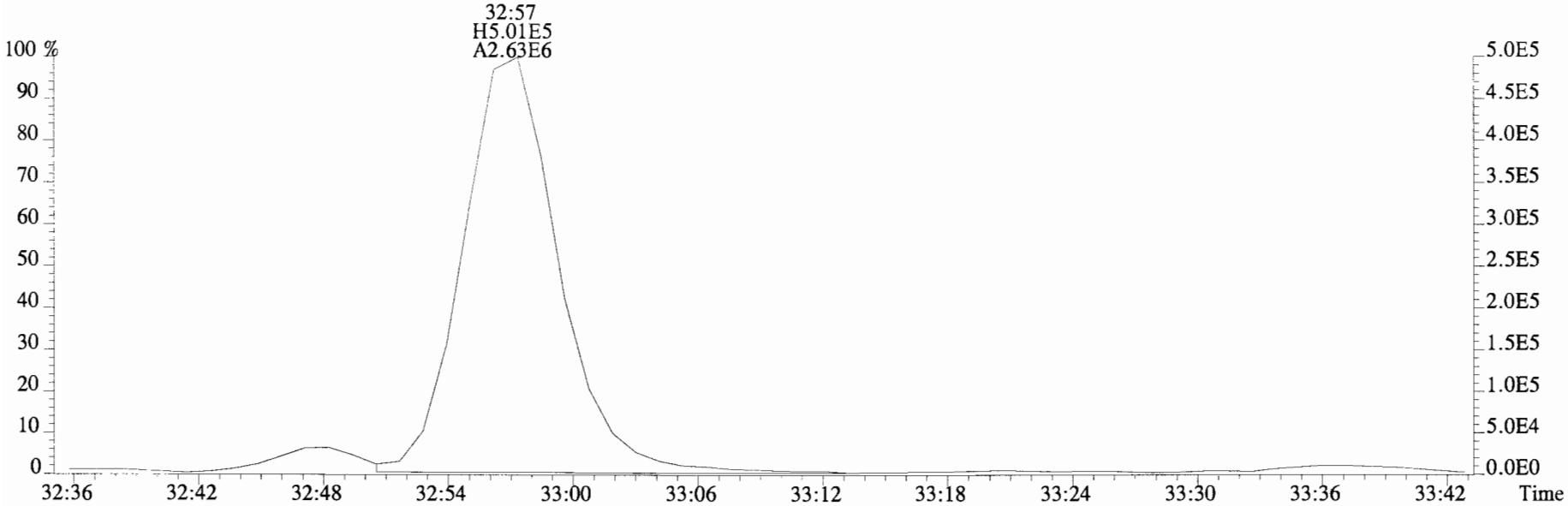
File:180315E1 #1-756 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
255.9613 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4136.0,0.00%,F,F)



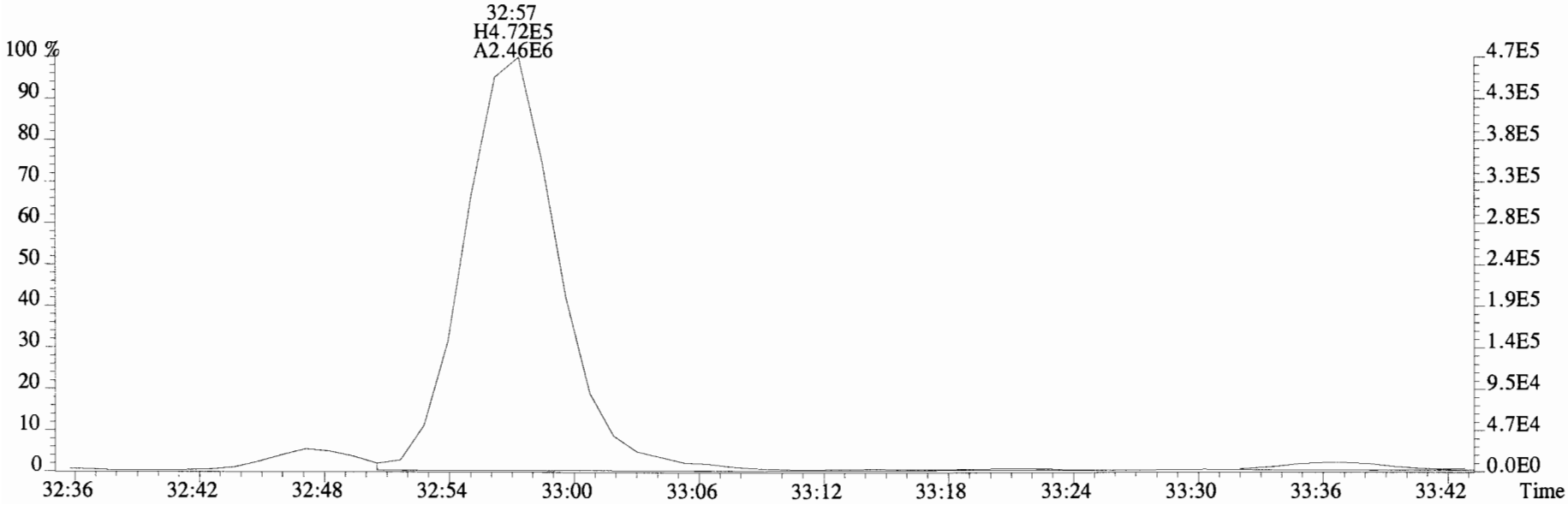
257.9584 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2868.0,0.00%,F,F)



File:180315E1 #1-756 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
255.9613 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4136.0,0.00%,F,F)

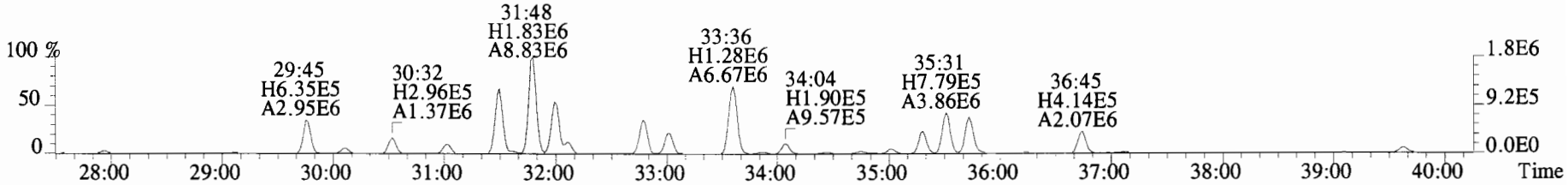


257.9584 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2868.0,0.00%,F,F)

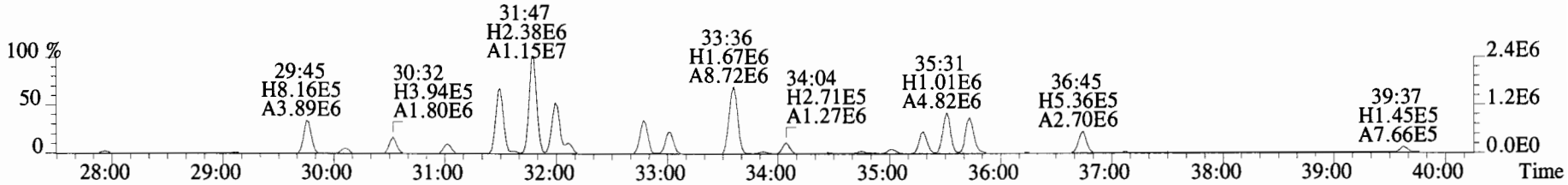


File:180315E1 #1-756 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1

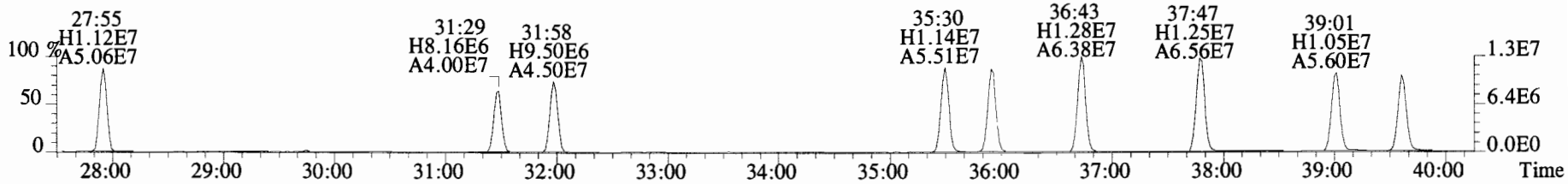
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3208.0,0.00%,F,F)



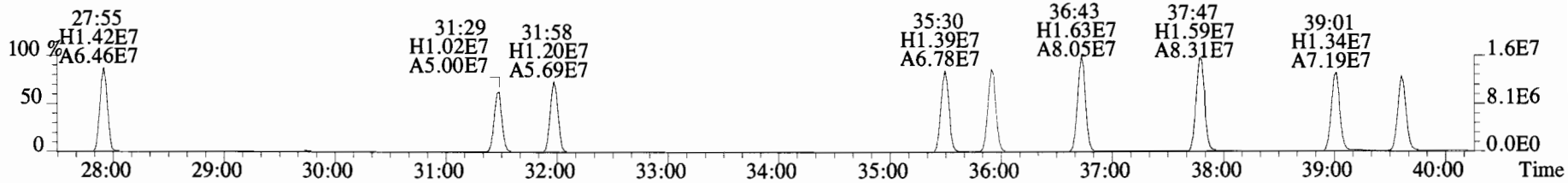
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2768.0,0.00%,F,F)



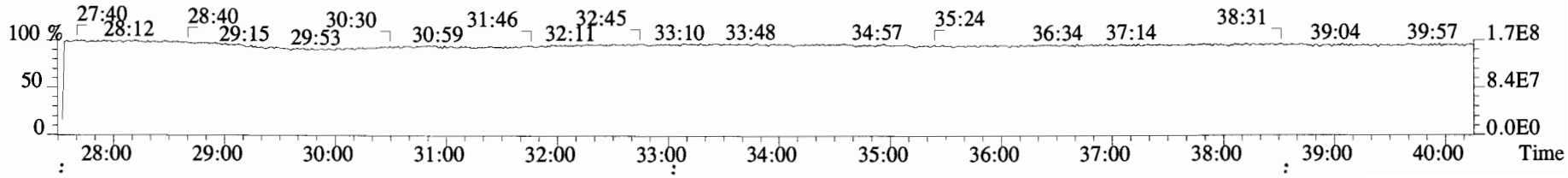
301.9626 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,77208.0,0.00%,F,F)



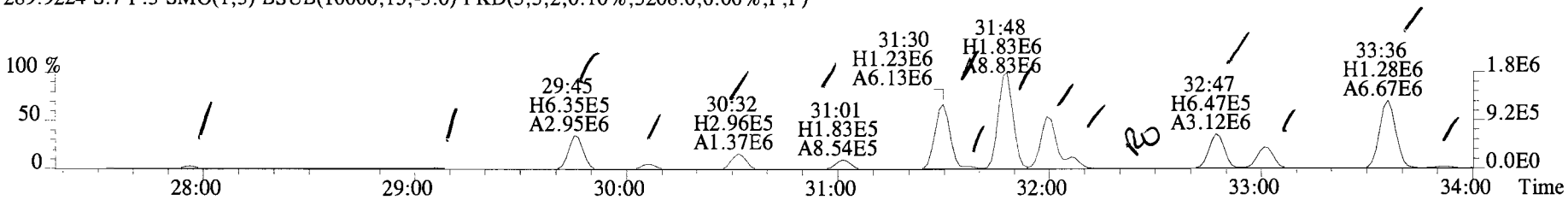
303.9597 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,30632.0,0.00%,F,F)



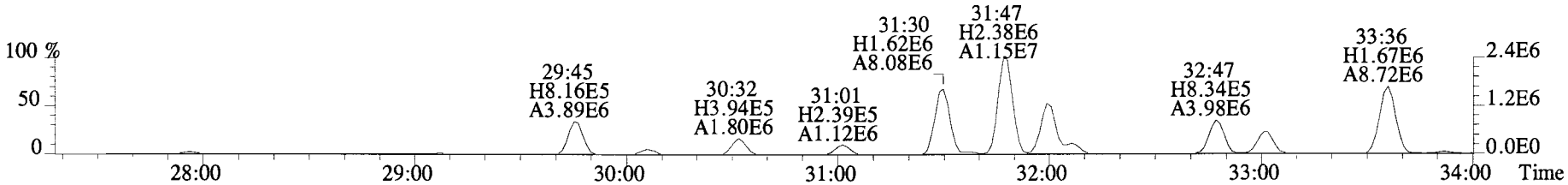
330.9792 S:7 F:3



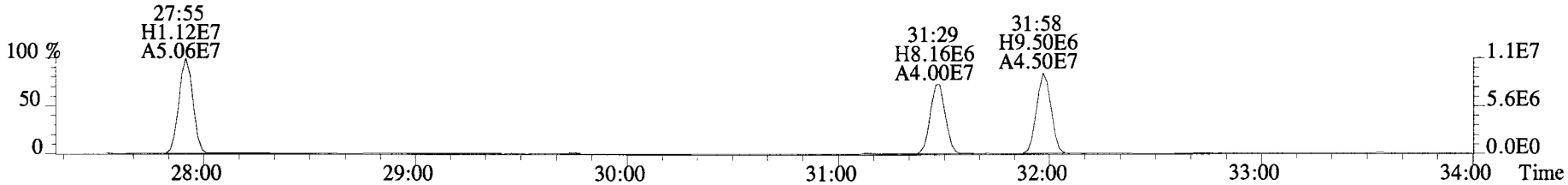
File:180315E1 #1-756 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3208.0,0.00%,F,F)



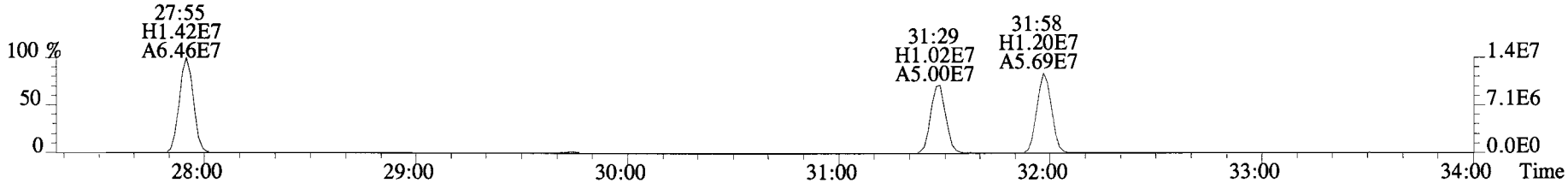
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2768.0,0.00%,F,F)



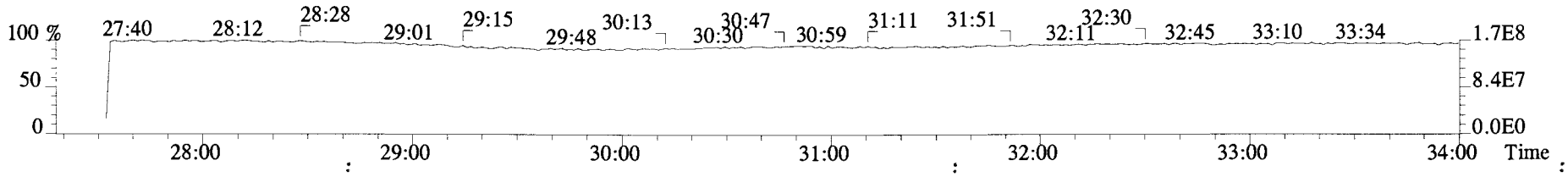
301.9626 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,77208.0,0.00%,F,F)



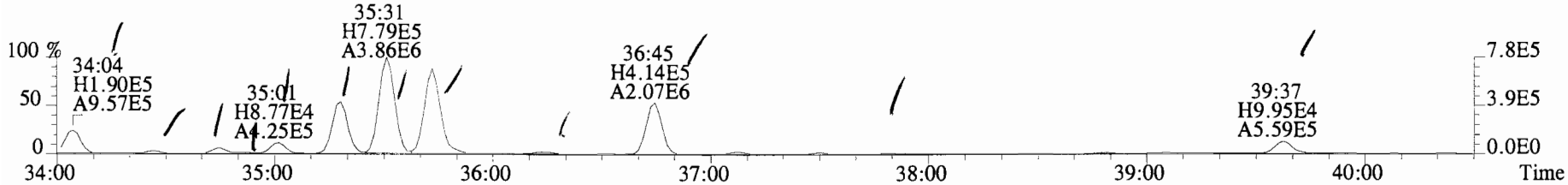
303.9597 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,30632.0,0.00%,F,F)



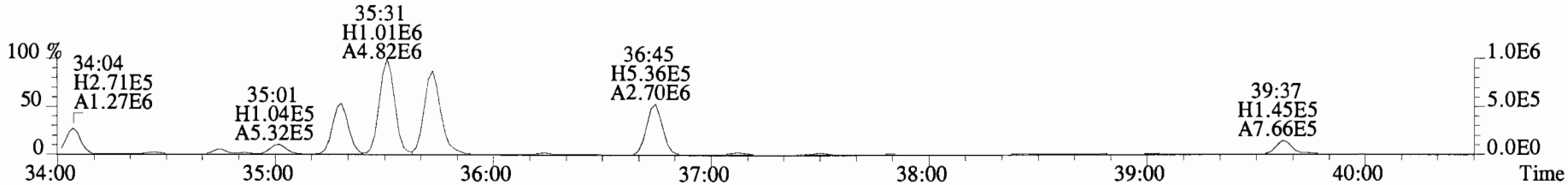
330.9792 S:7 F:3



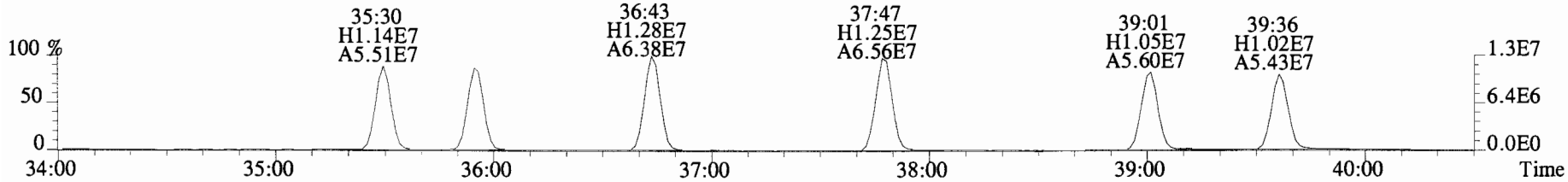
File:180315E1 #1-756 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3208.0,0.00%,F,F)



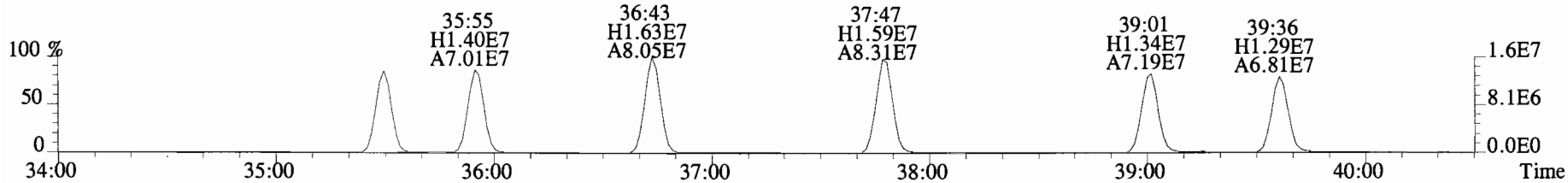
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2768.0,0.00%,F,F)



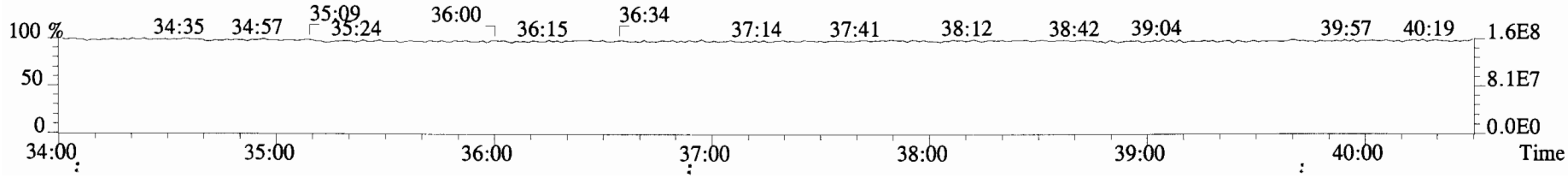
301.9626 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,77208.0,0.00%,F,F)



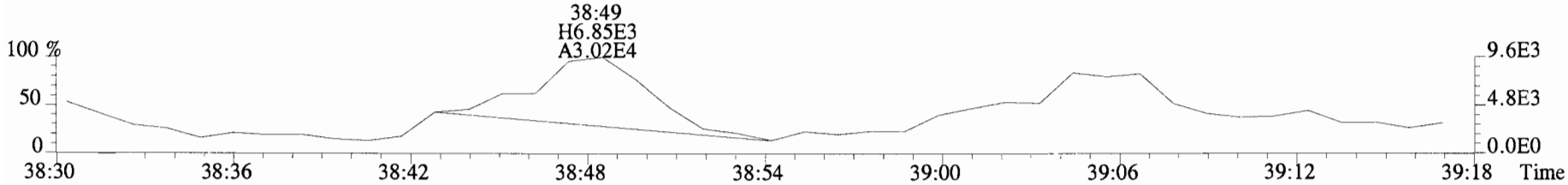
303.9597 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,30632.0,0.00%,F,F)



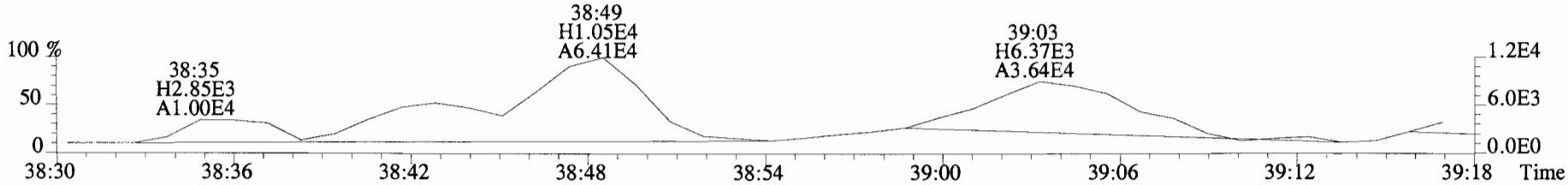
330.9792 S:7 F:3



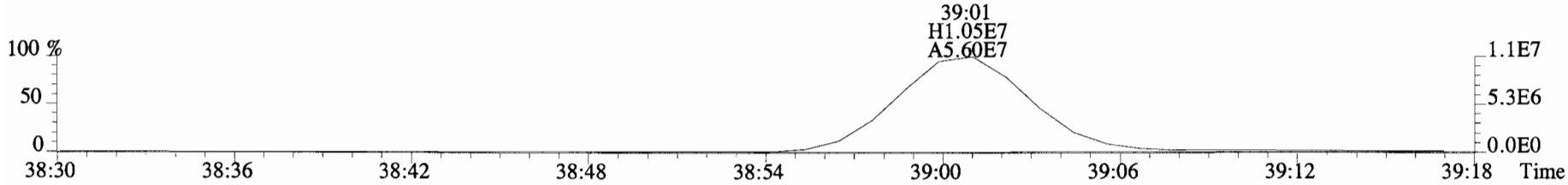
File:180315E1 #1-756 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3208.0,0.00%,F,F)



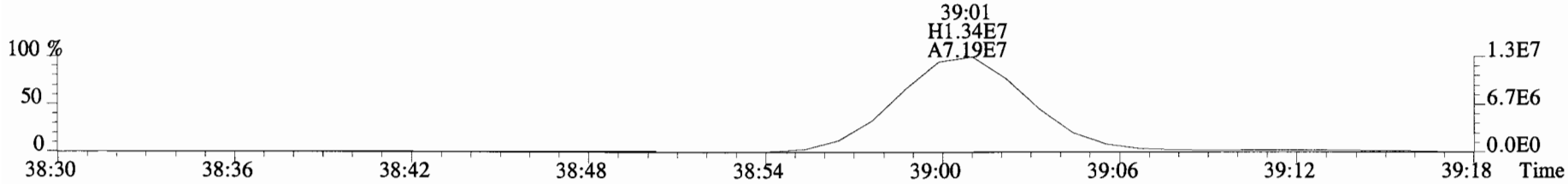
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2768.0,0.00%,F,F)



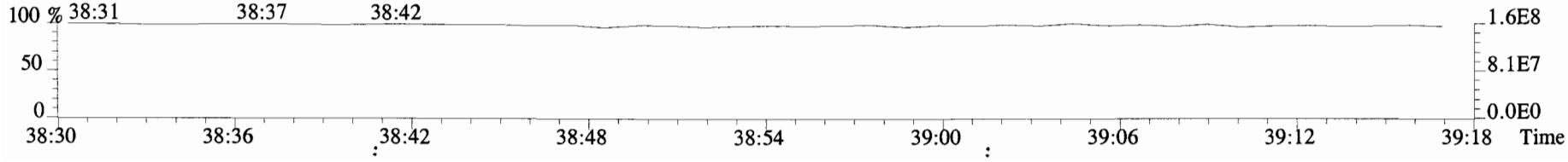
301.9626 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,77208.0,0.00%,F,F)



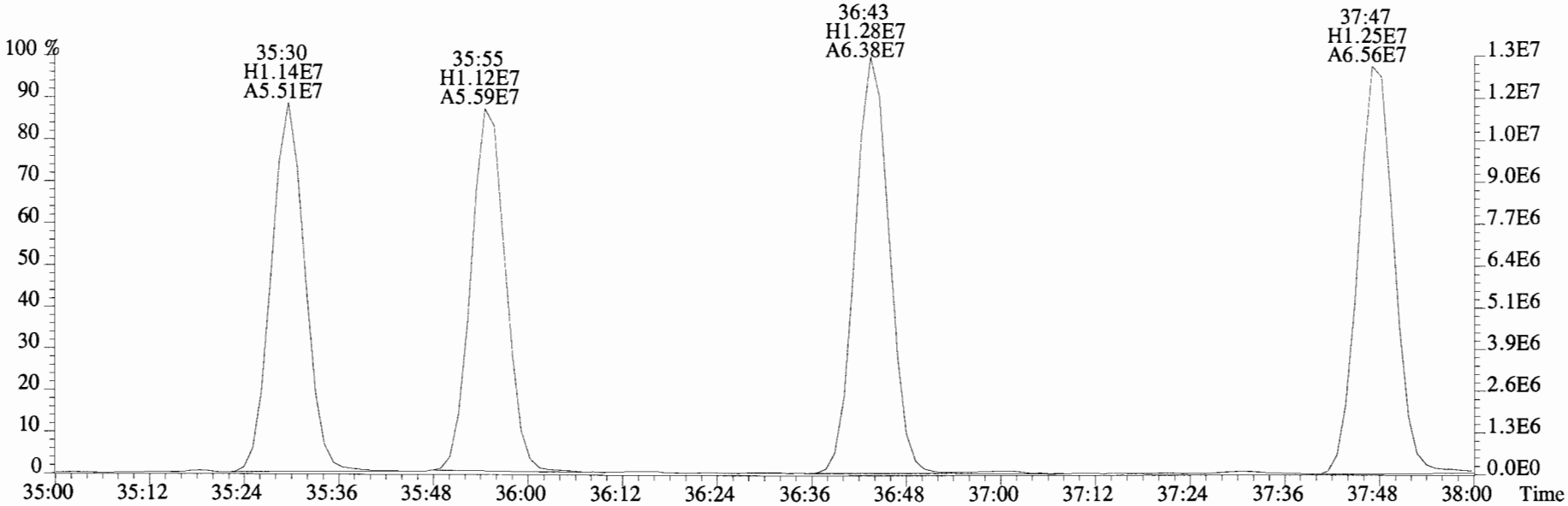
303.9597 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,30632.0,0.00%,F,F)



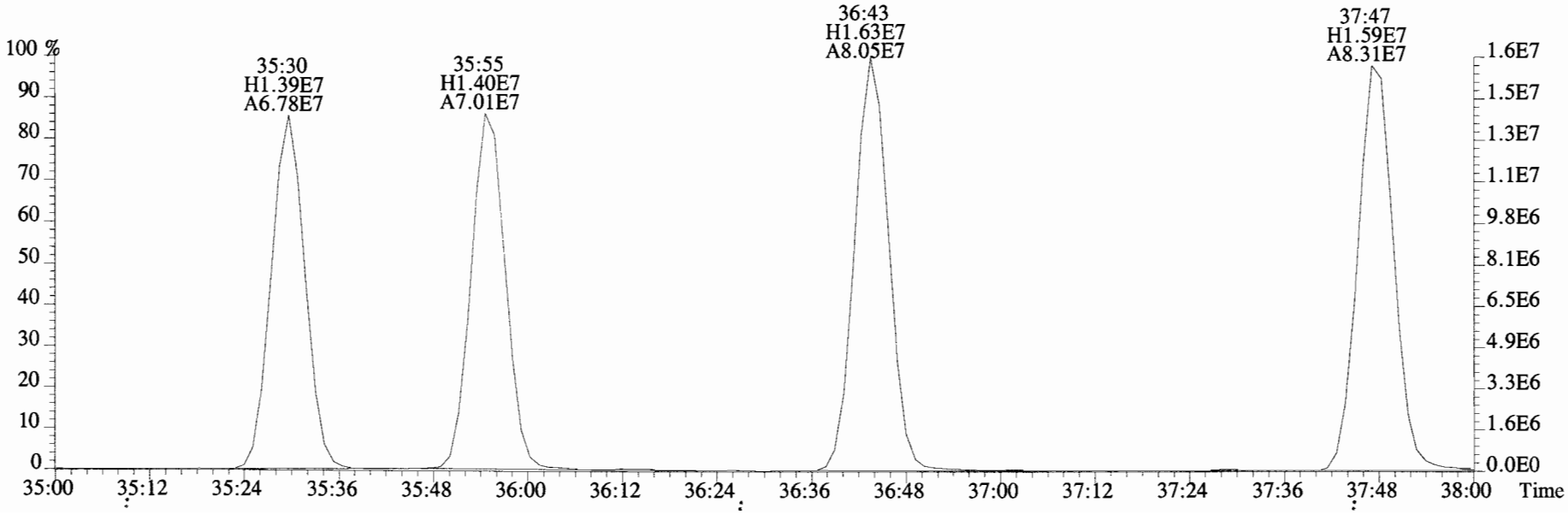
330.9792 S:7 F:3



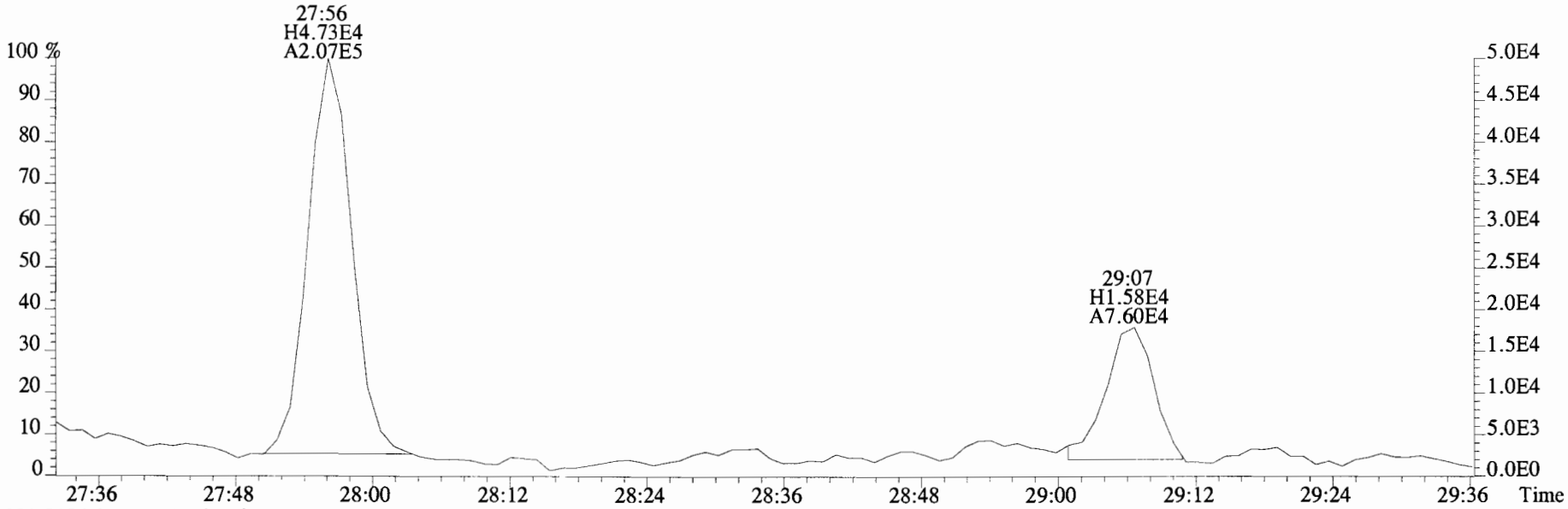
File:180315E1 #1-756 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
301.9626 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,77208.0,0.00%,F,F)



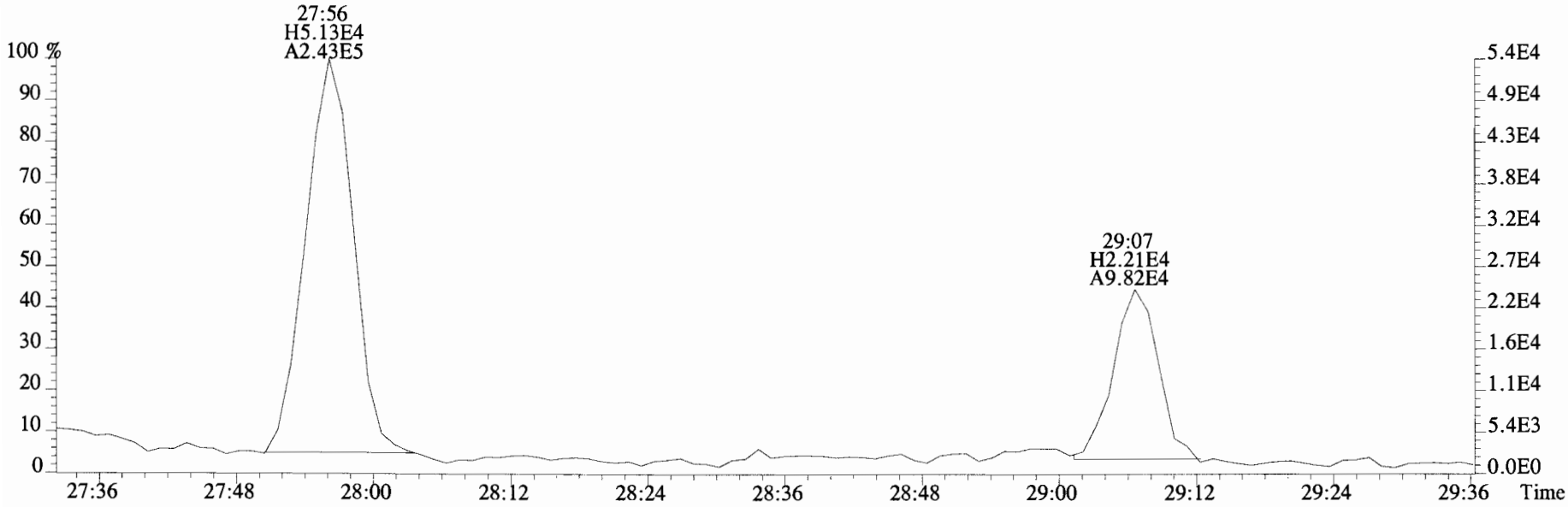
303.9597 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,30632.0,0.00%,F,F)



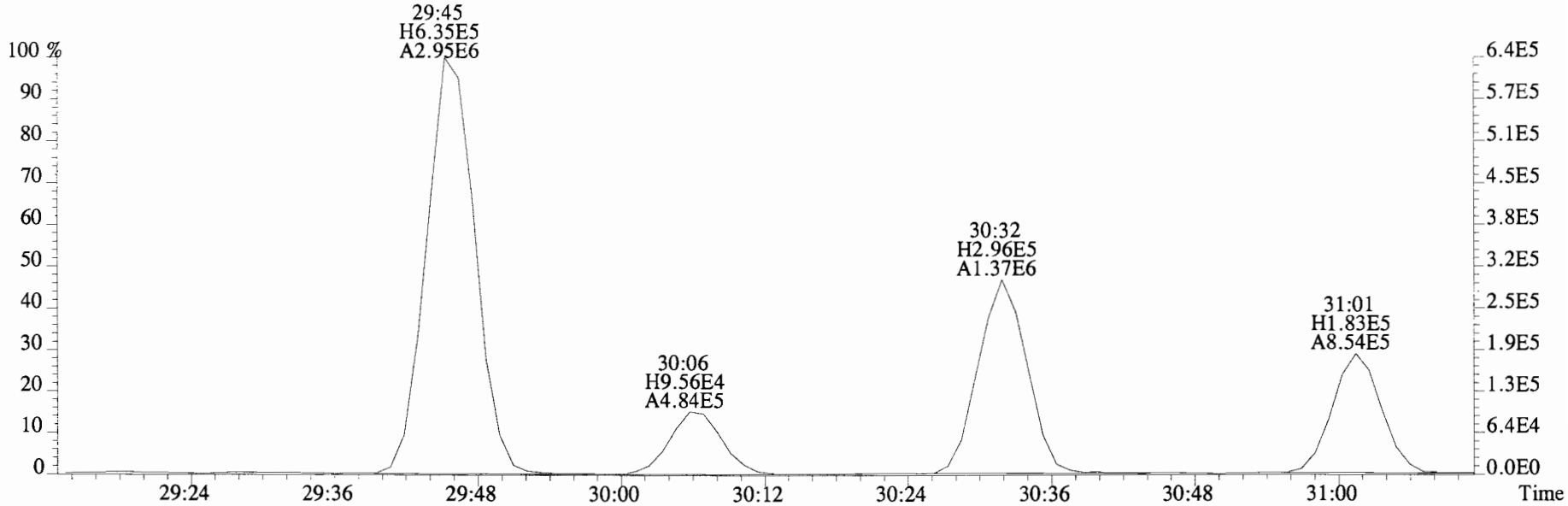
File:180315E1 #1-756 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0)



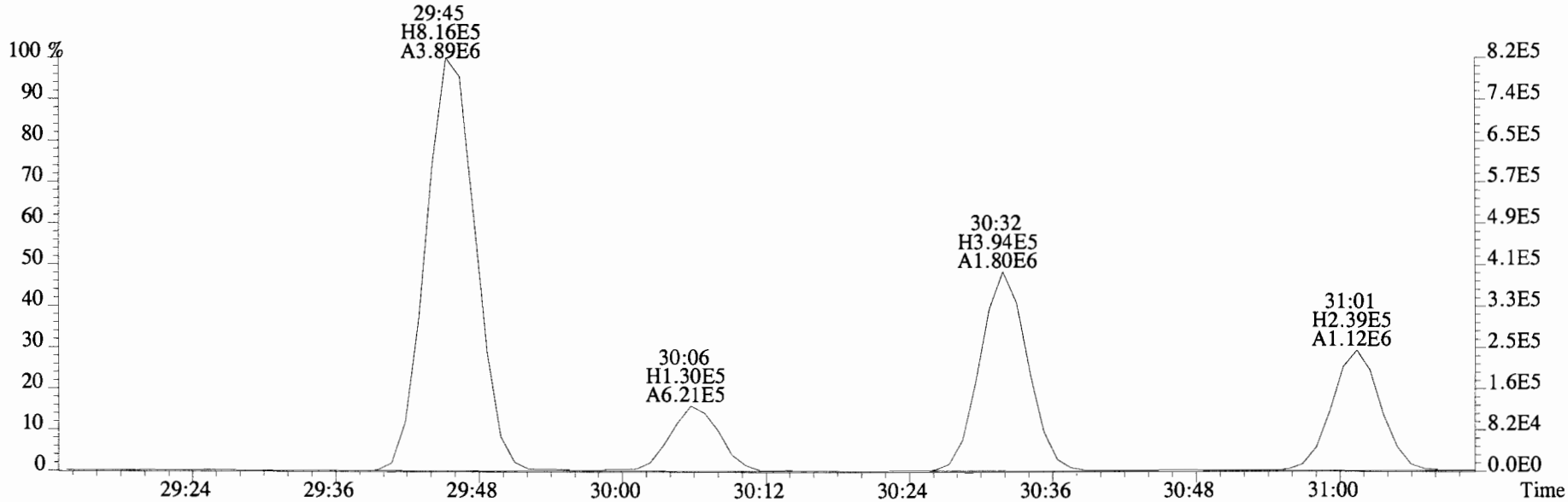
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0)



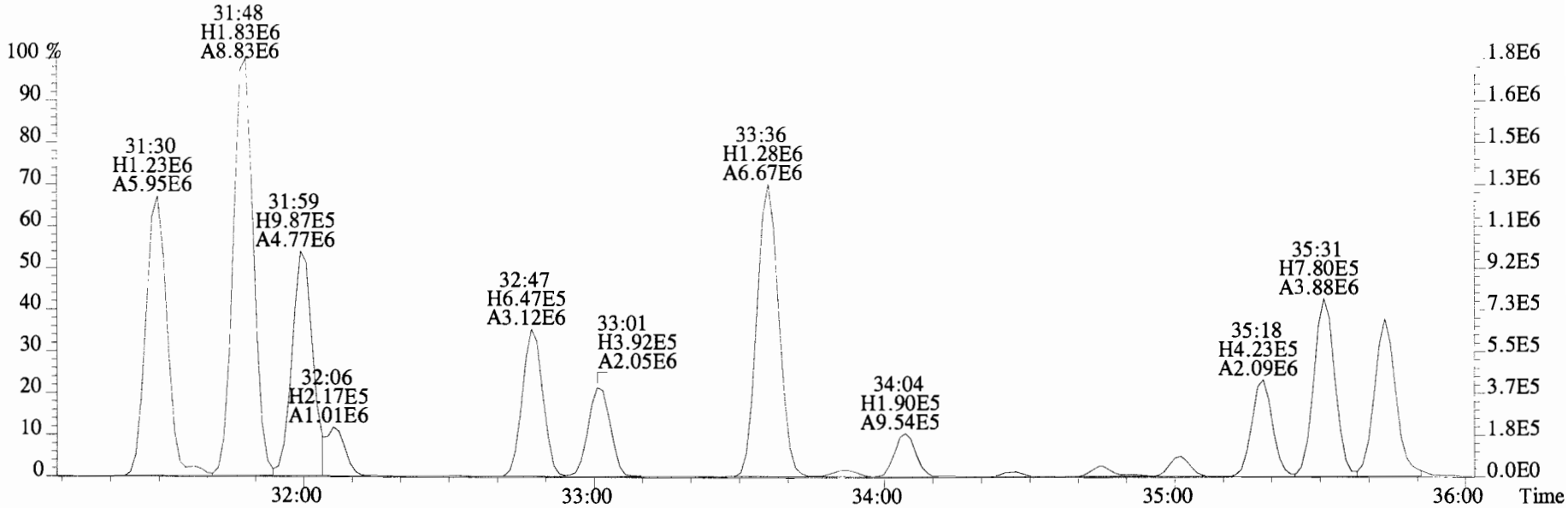
File:180315E1 #1-756 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0)



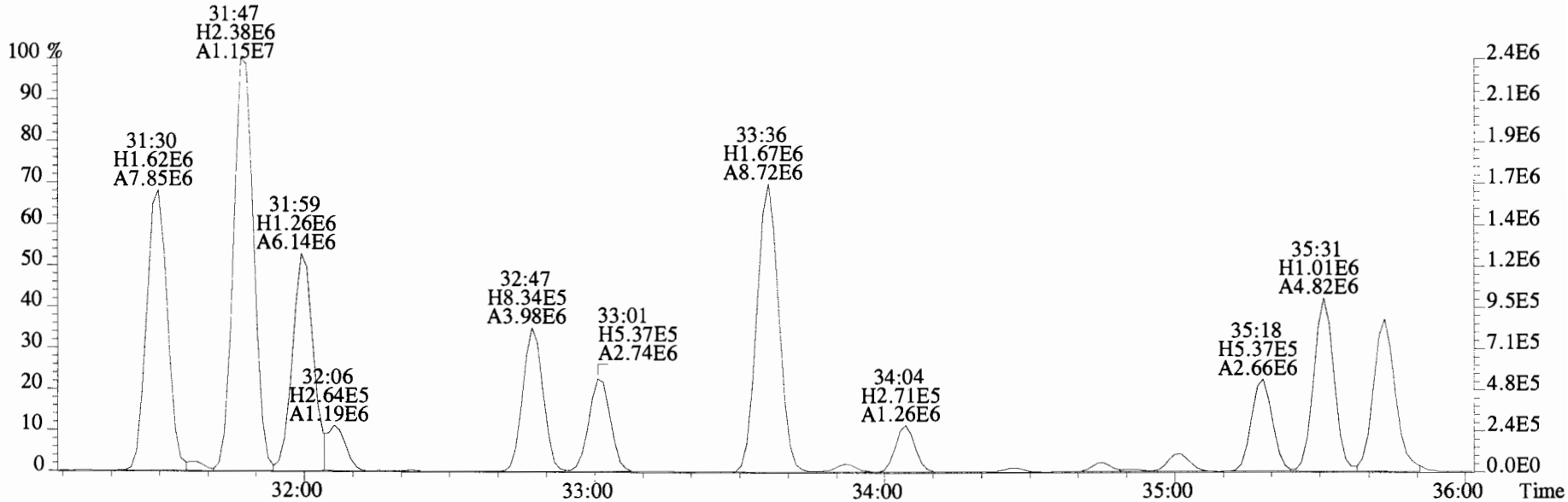
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0)



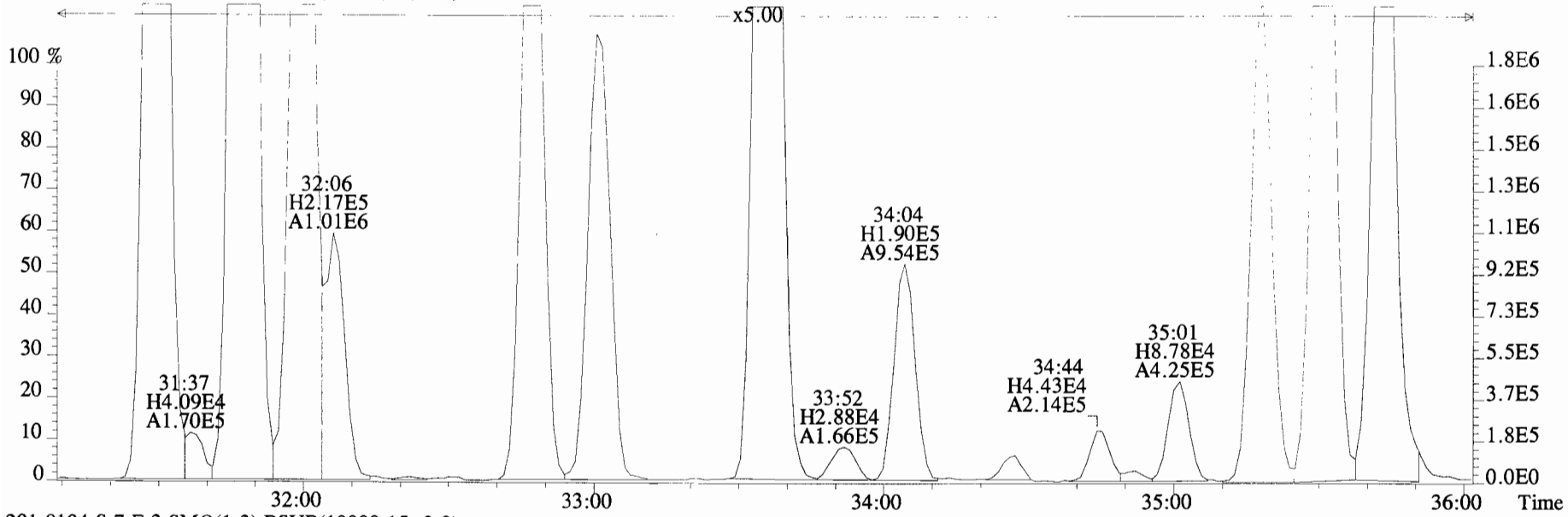
File:180315E1 #1-756 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0)



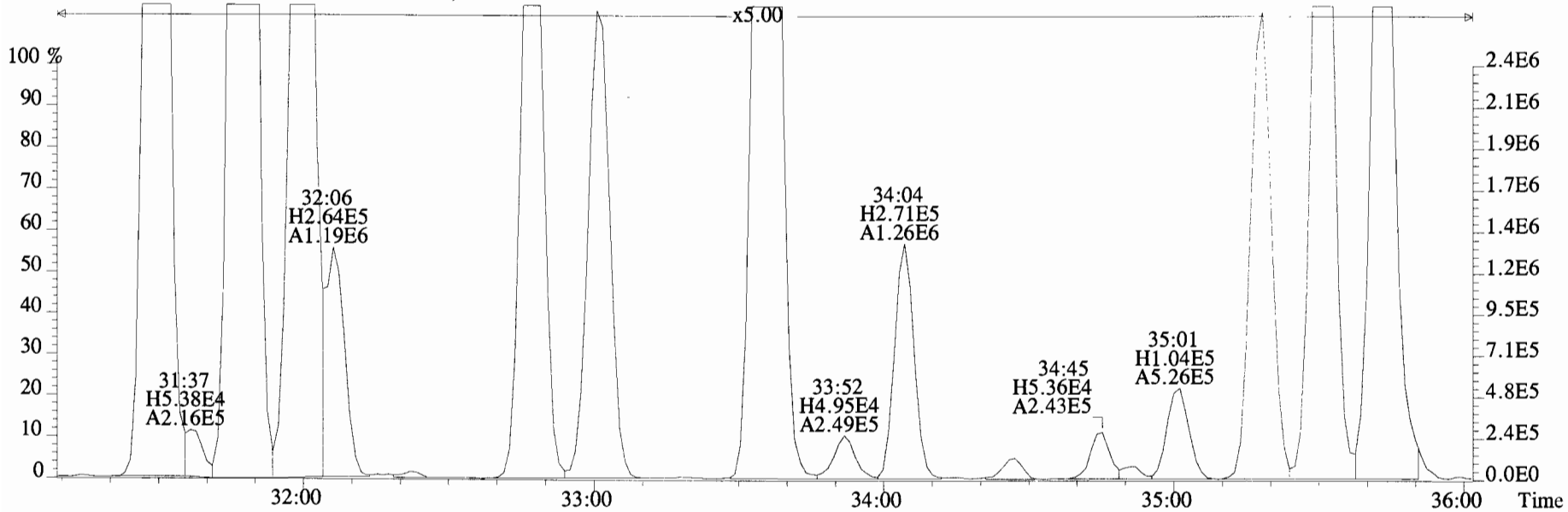
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0)



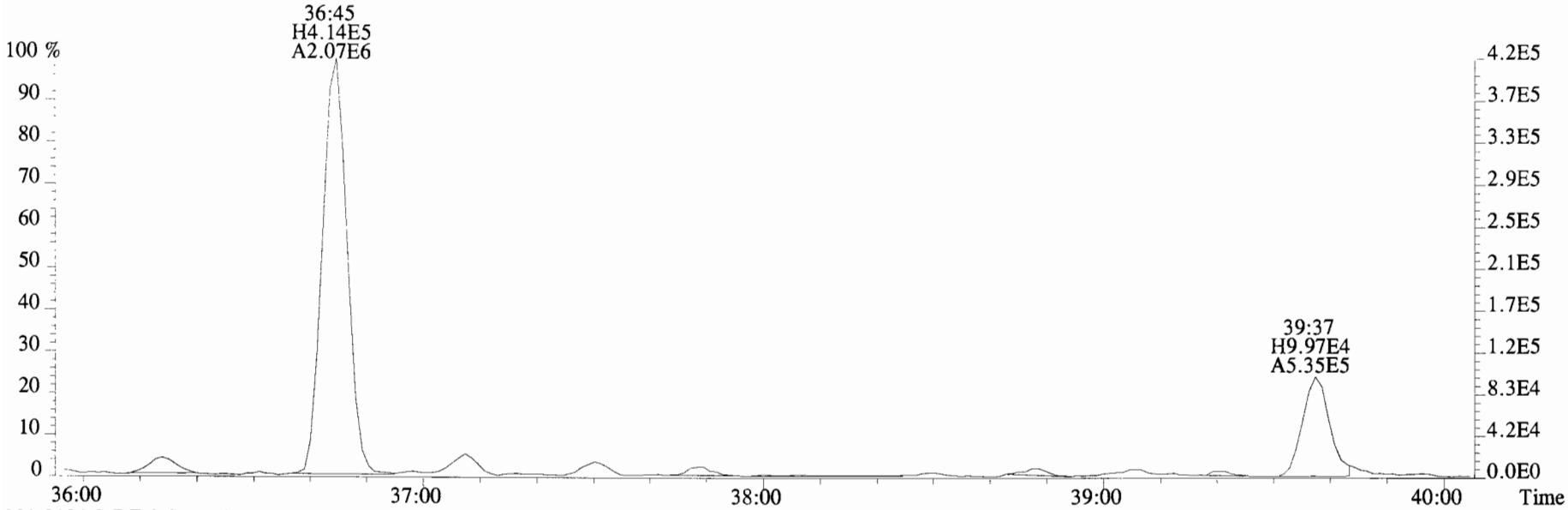
File:180315E1 #1-756 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0)



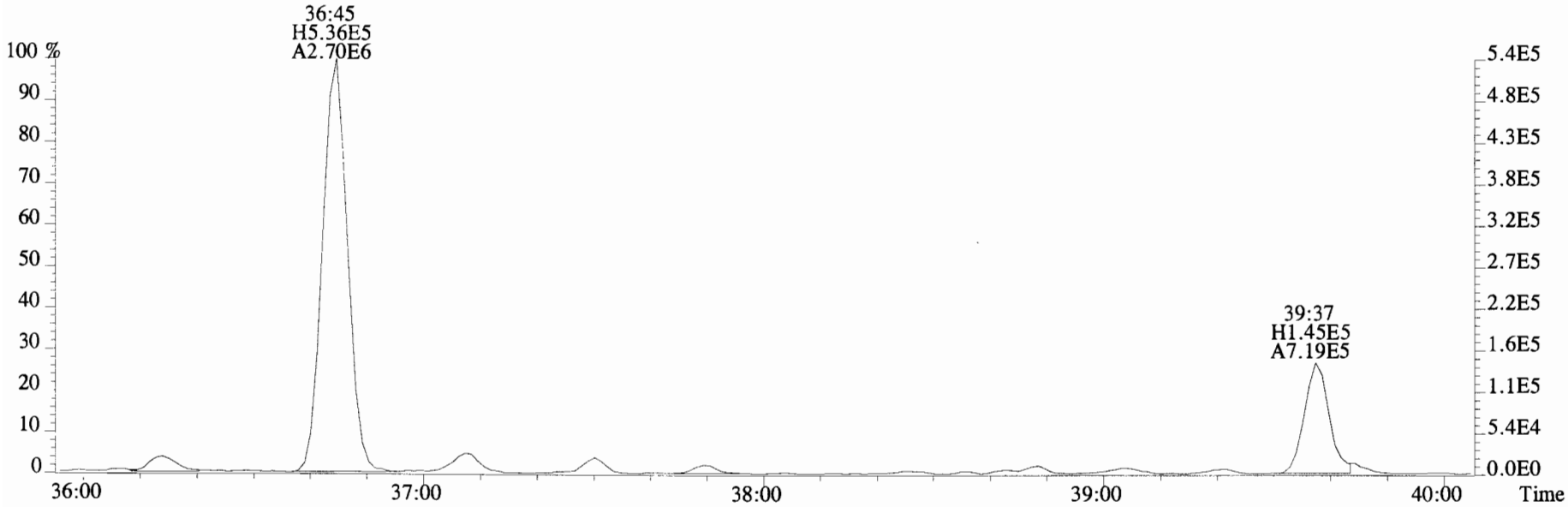
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0)



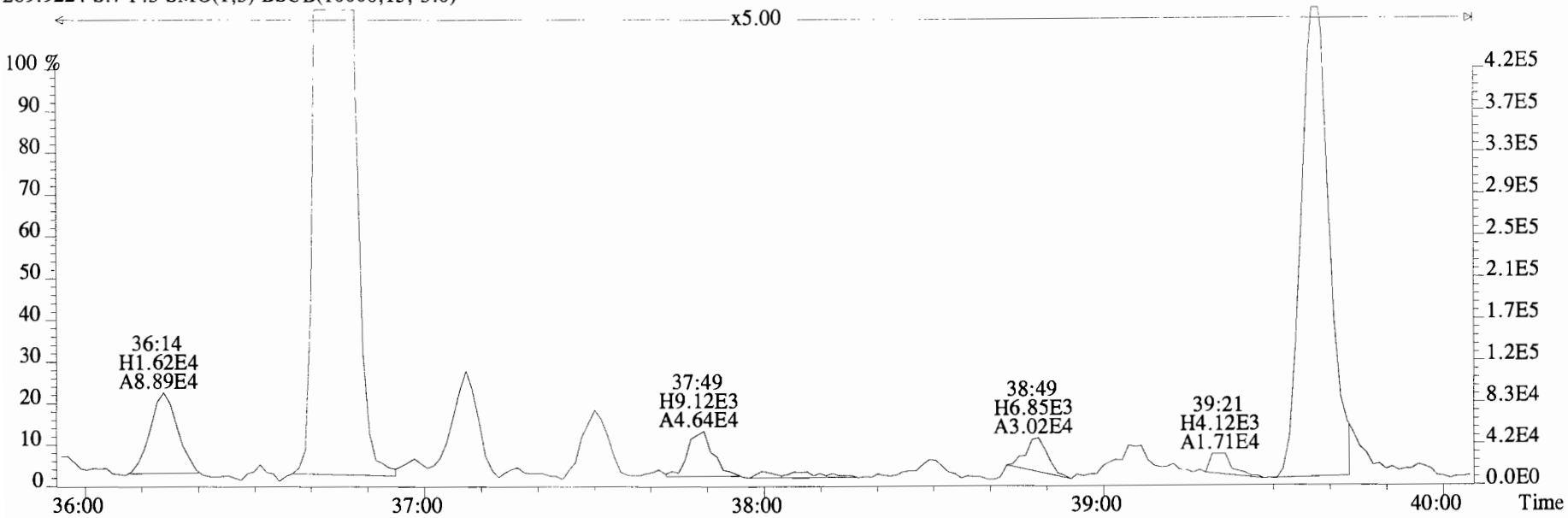
File:180315E1 #1-756 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0)



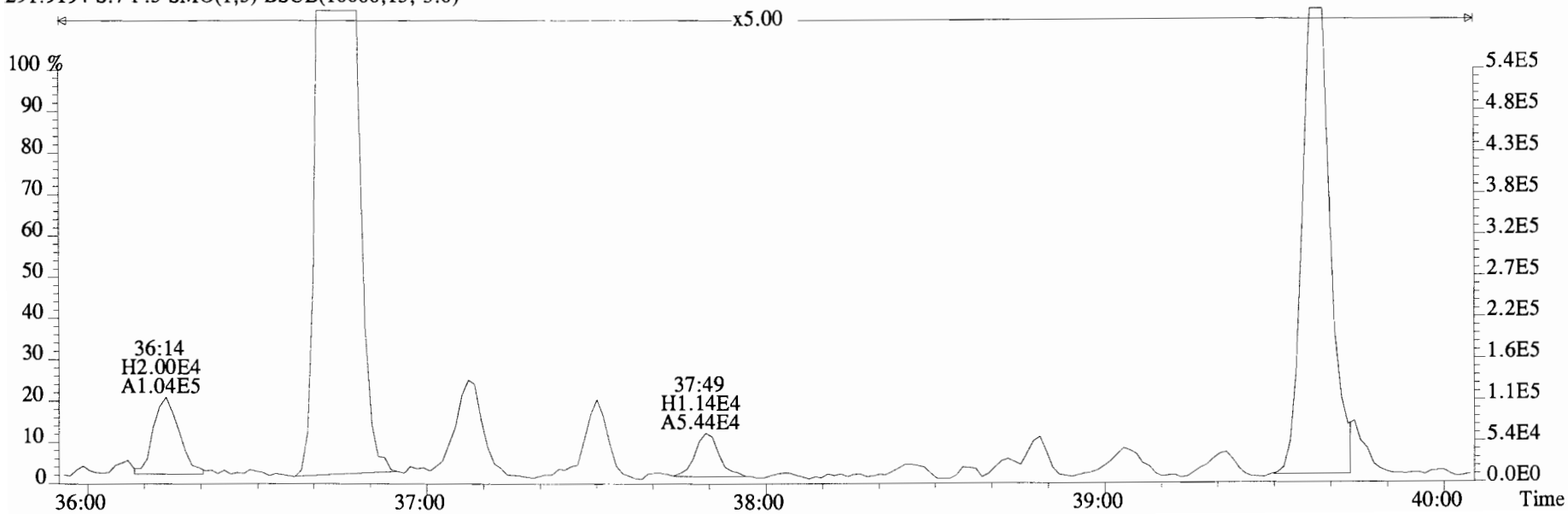
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0)



File:180315E1 #1-756 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0)

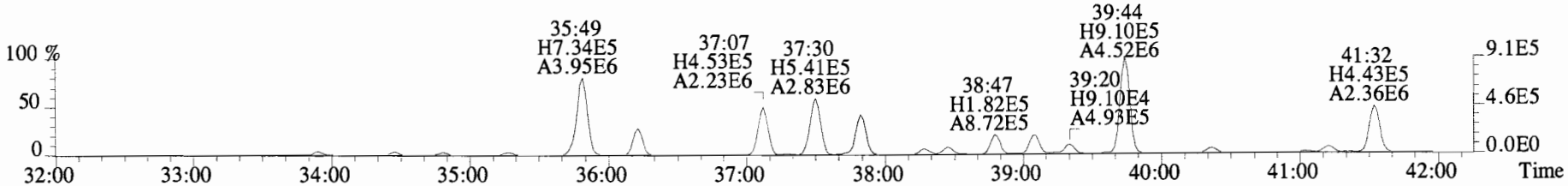


291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0)

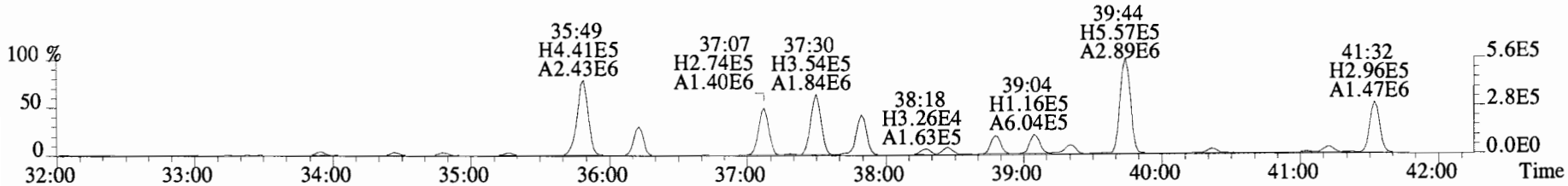


File:180315E1 #1-756 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1

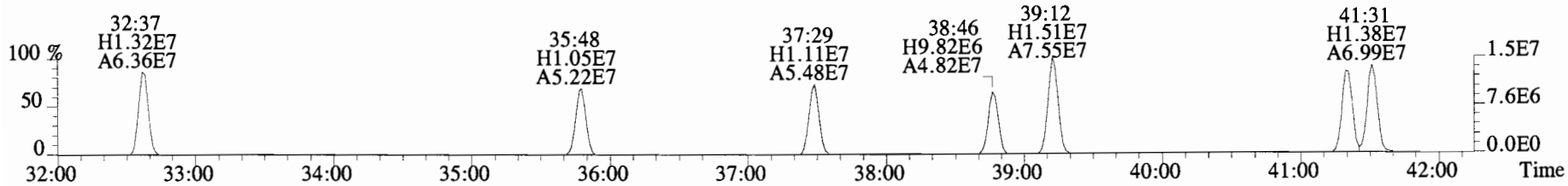
325.8804 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2036.0,0.00%,F,F)



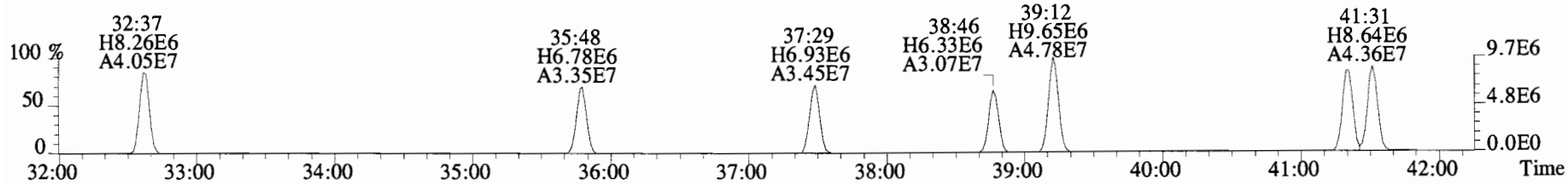
327.8775 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1980.0,0.00%,F,F)



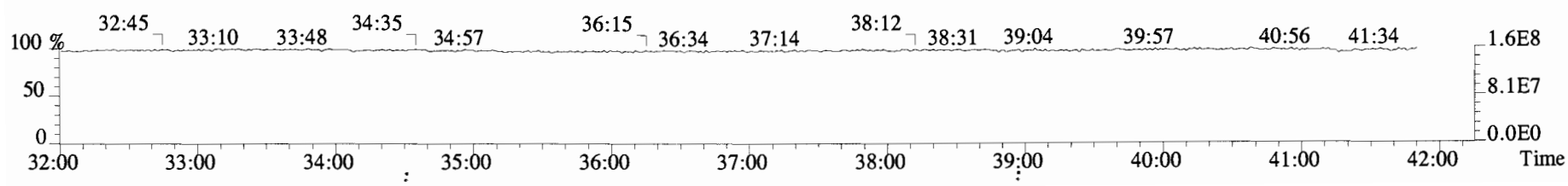
337.9207 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6388.0,0.00%,F,F)



339.9177 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4124.0,0.00%,F,F)

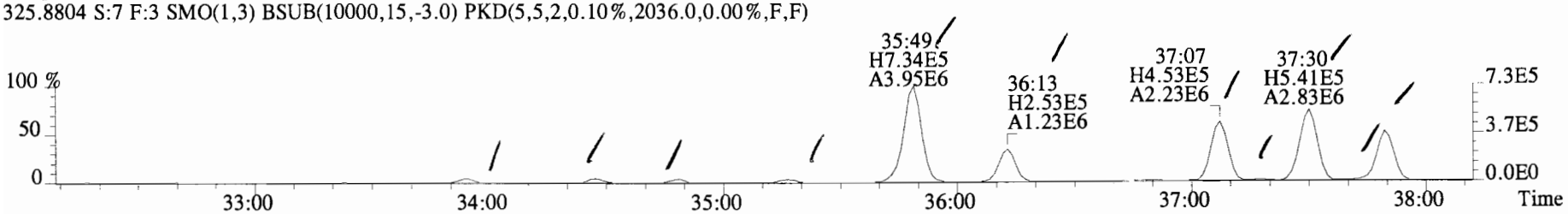


330.9792 S:7 F:3

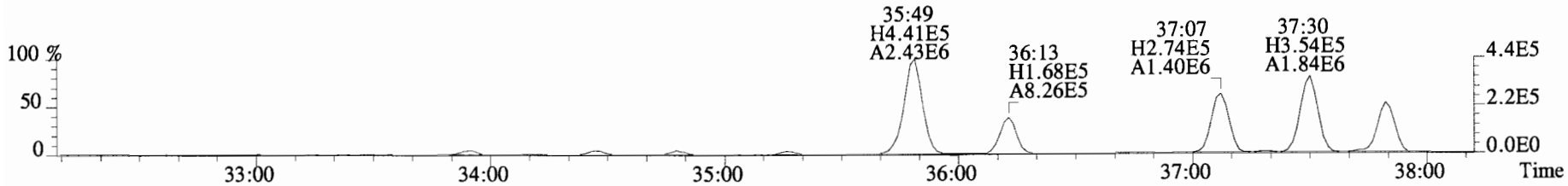


File:180315E1 #1-756 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1

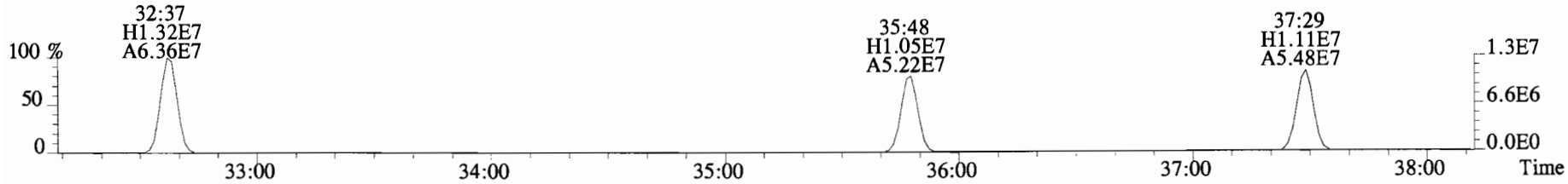
325.8804 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2036.0,0.00%,F,F)



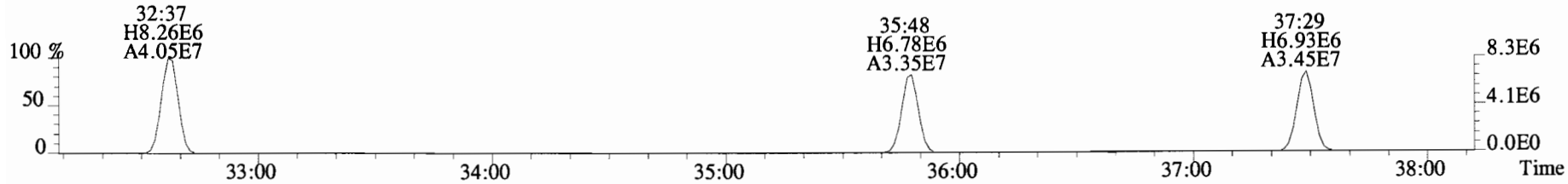
327.8775 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1980.0,0.00%,F,F)



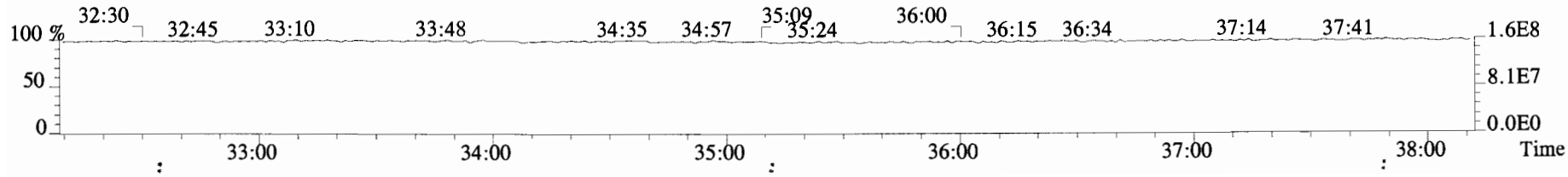
337.9207 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6388.0,0.00%,F,F)



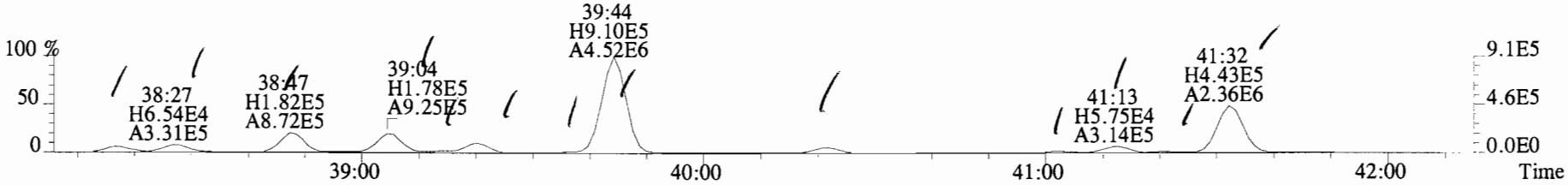
339.9177 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4124.0,0.00%,F,F)



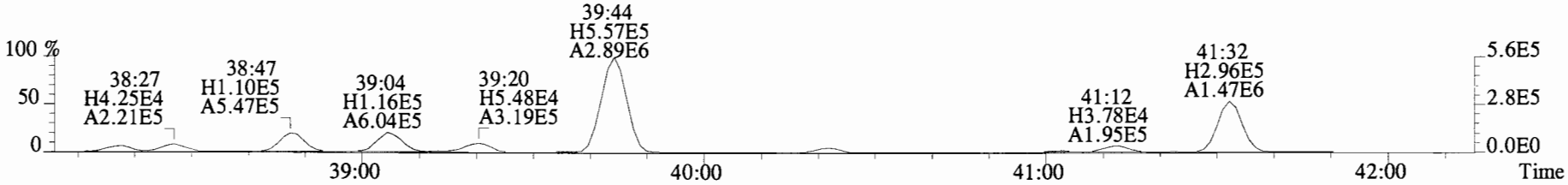
330.9792 S:7 F:3



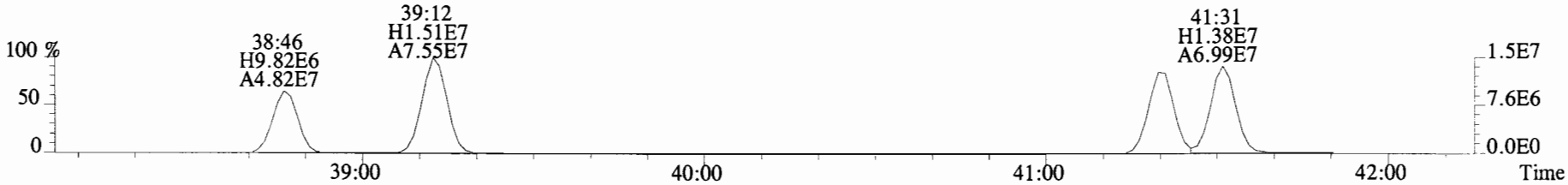
File:180315E1 #1-756 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
325.8804 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2036.0,0.00%,F,F)



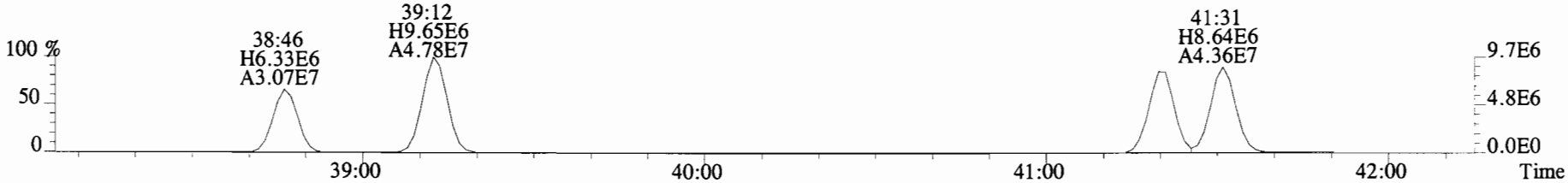
327.8775 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1980.0,0.00%,F,F)



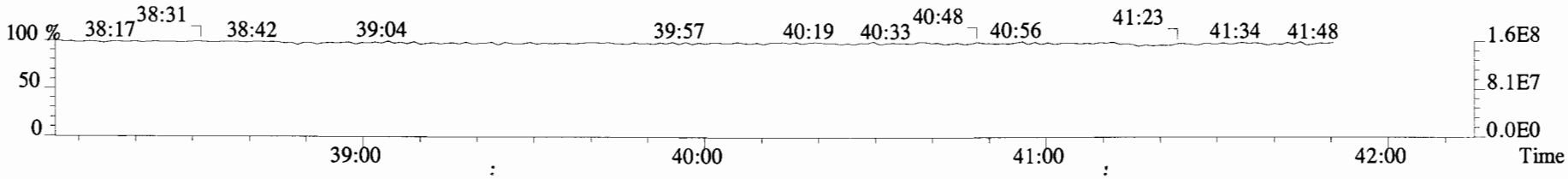
337.9207 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6388.0,0.00%,F,F)



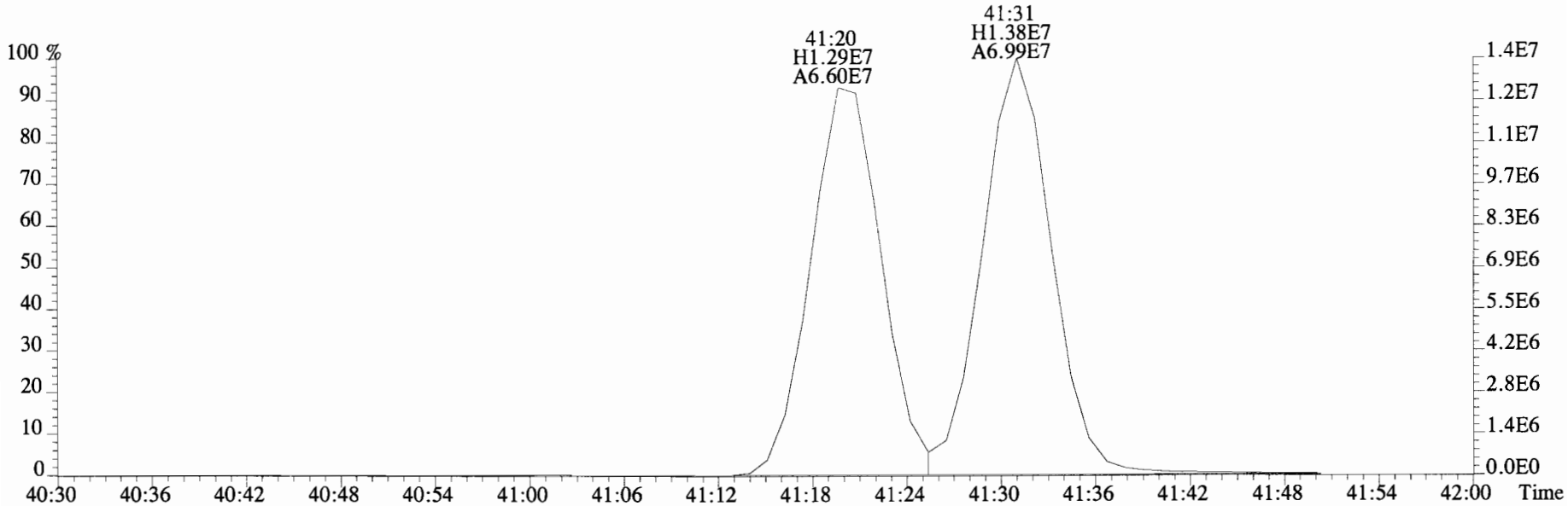
339.9177 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4124.0,0.00%,F,F)



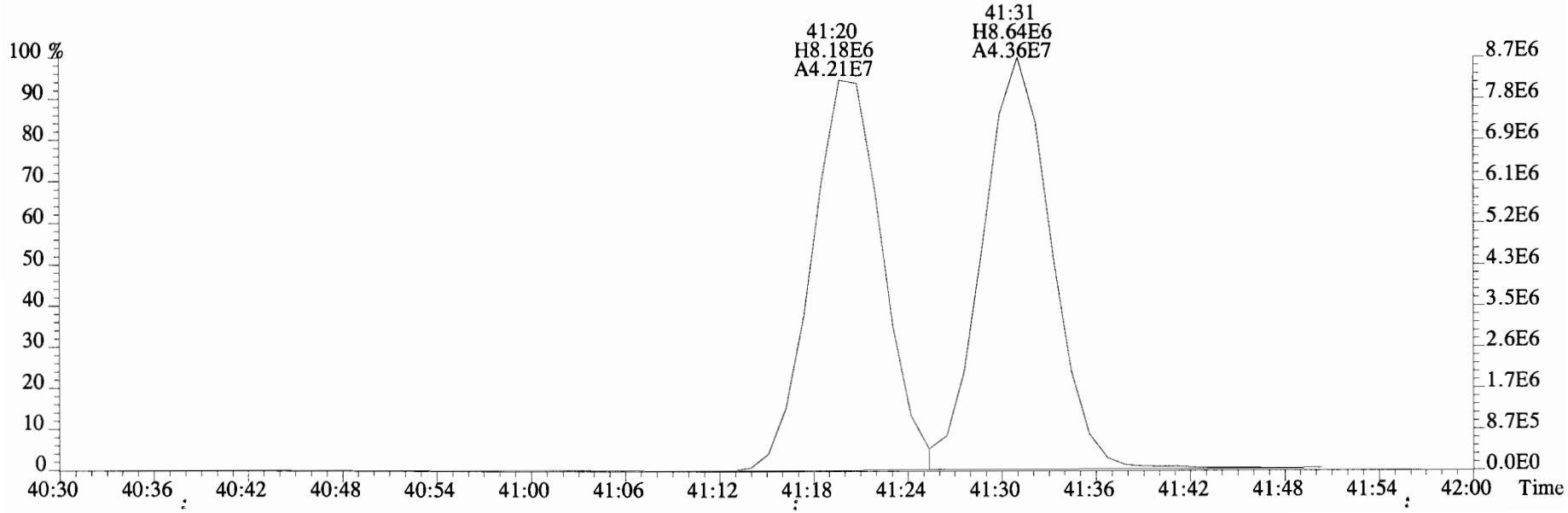
330.9792 S:7 F:3



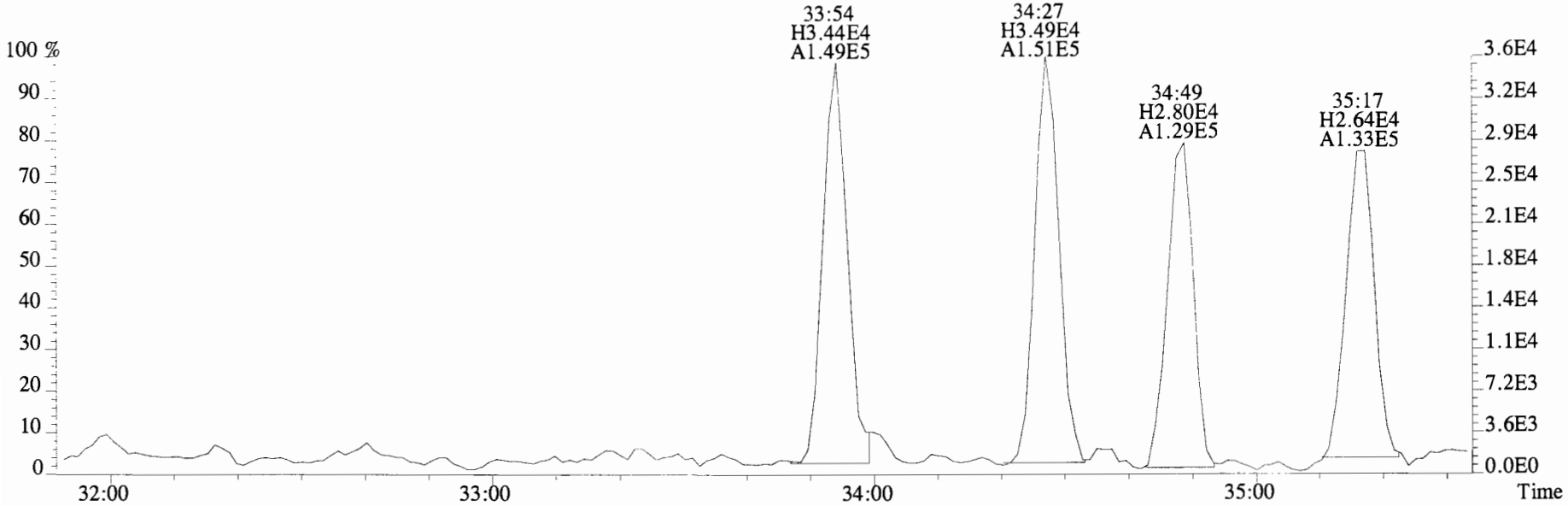
File:180315E1 #1-756 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
337.9207 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6388.0,0.00%,F,F)



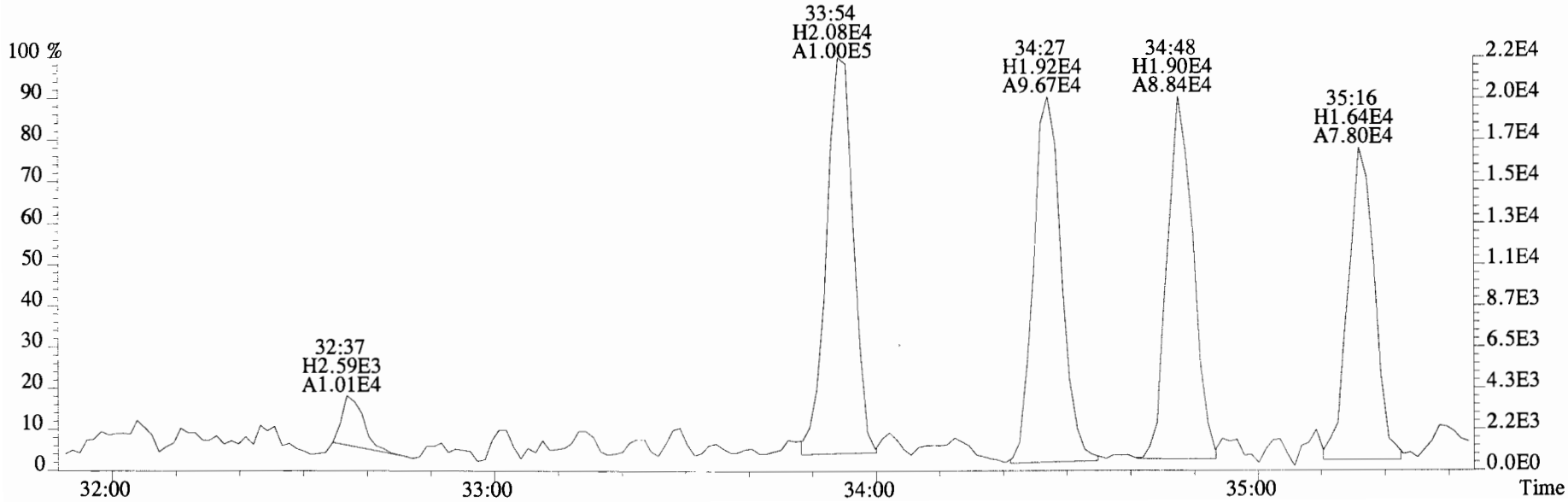
339.9177 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4124.0,0.00%,F,F)



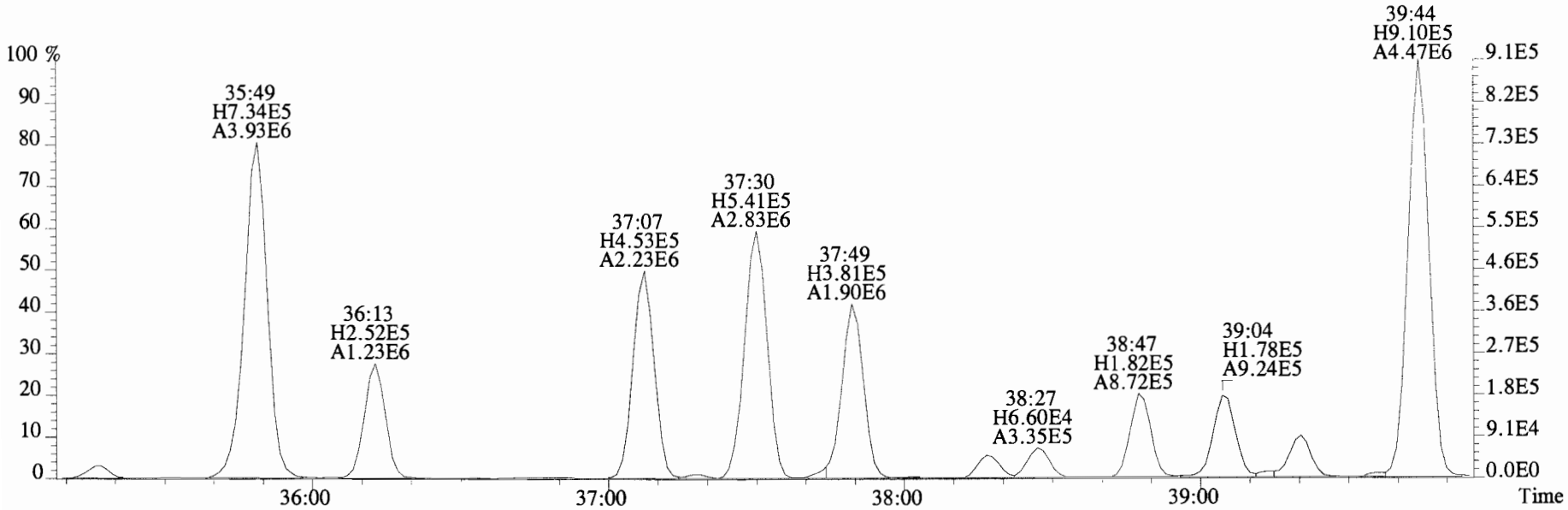
File:180315E1 #1-756 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
325.8804 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2036.0,0.00%,F,F)



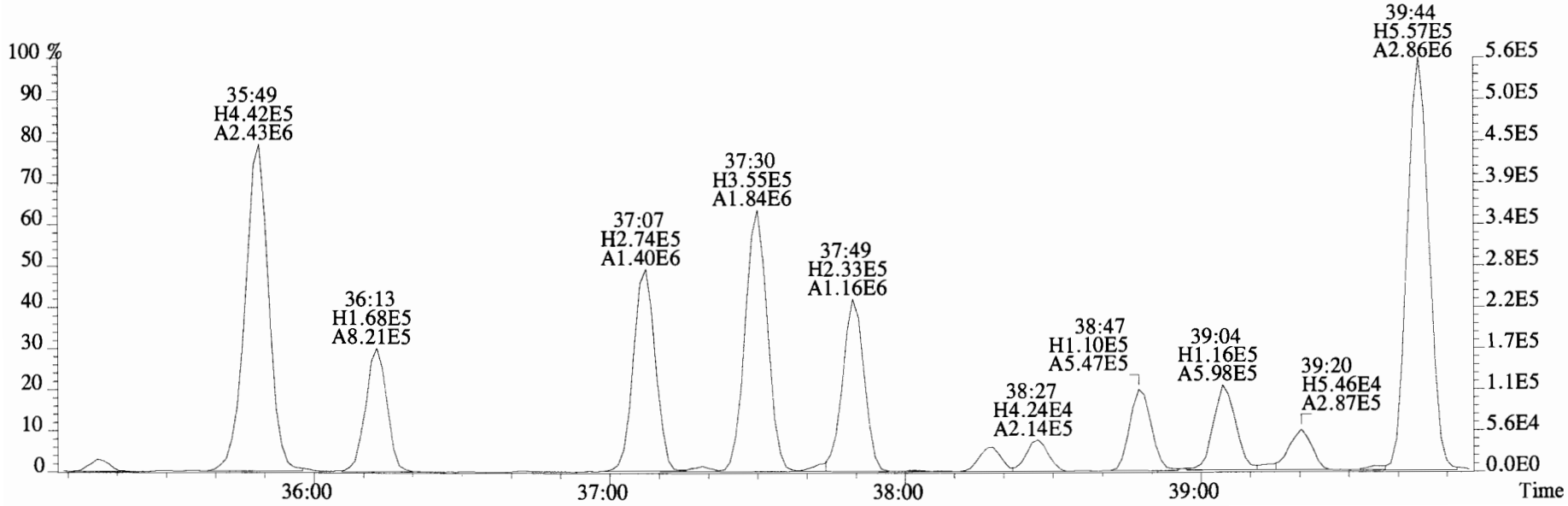
327.8775 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1980.0,0.00%,F,F)



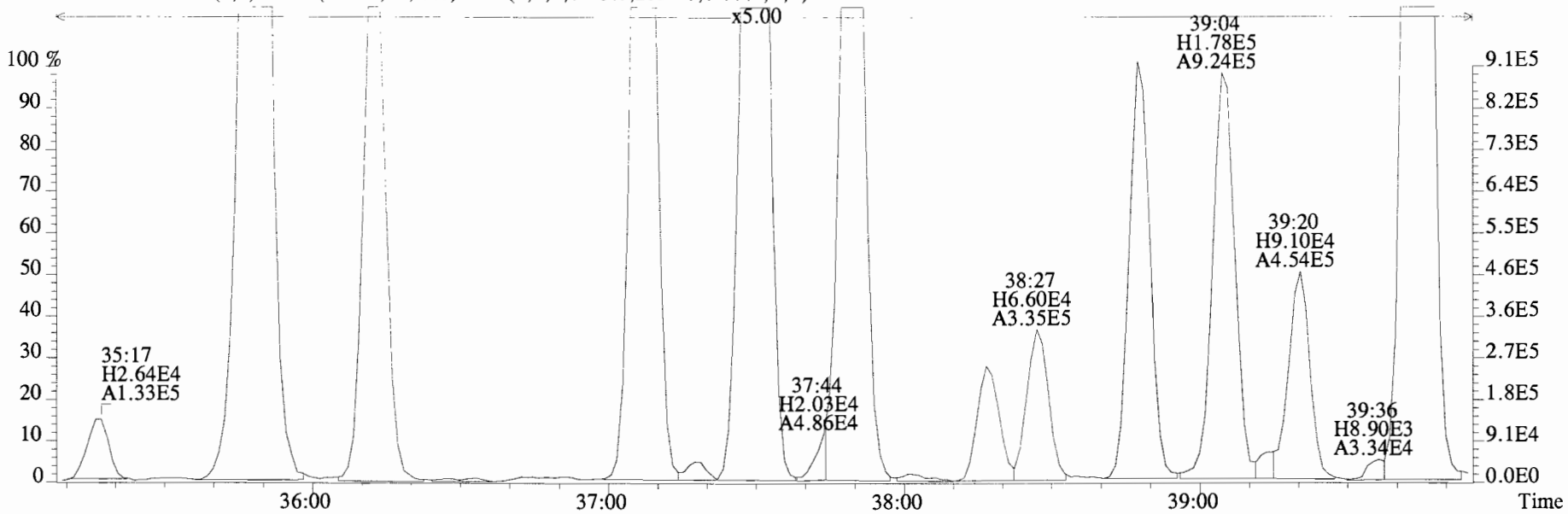
File:180315E1 #1-756 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
325.8804 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2036.0,0.00%,F,F)



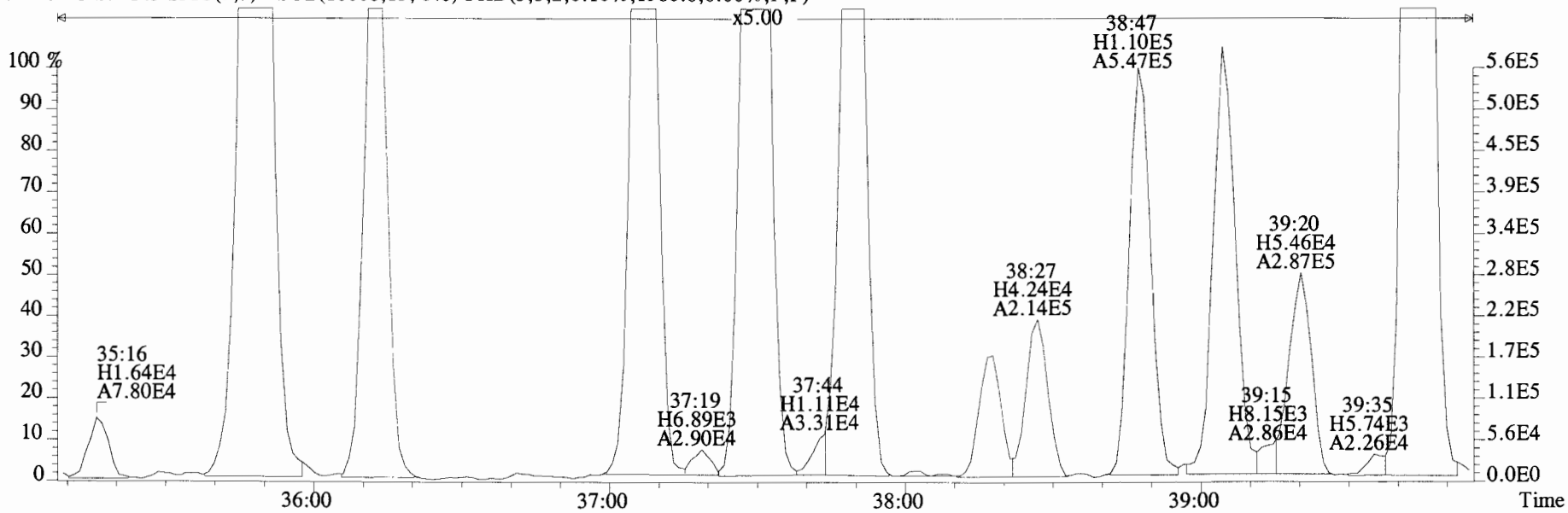
327.8775 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1980.0,0.00%,F,F)



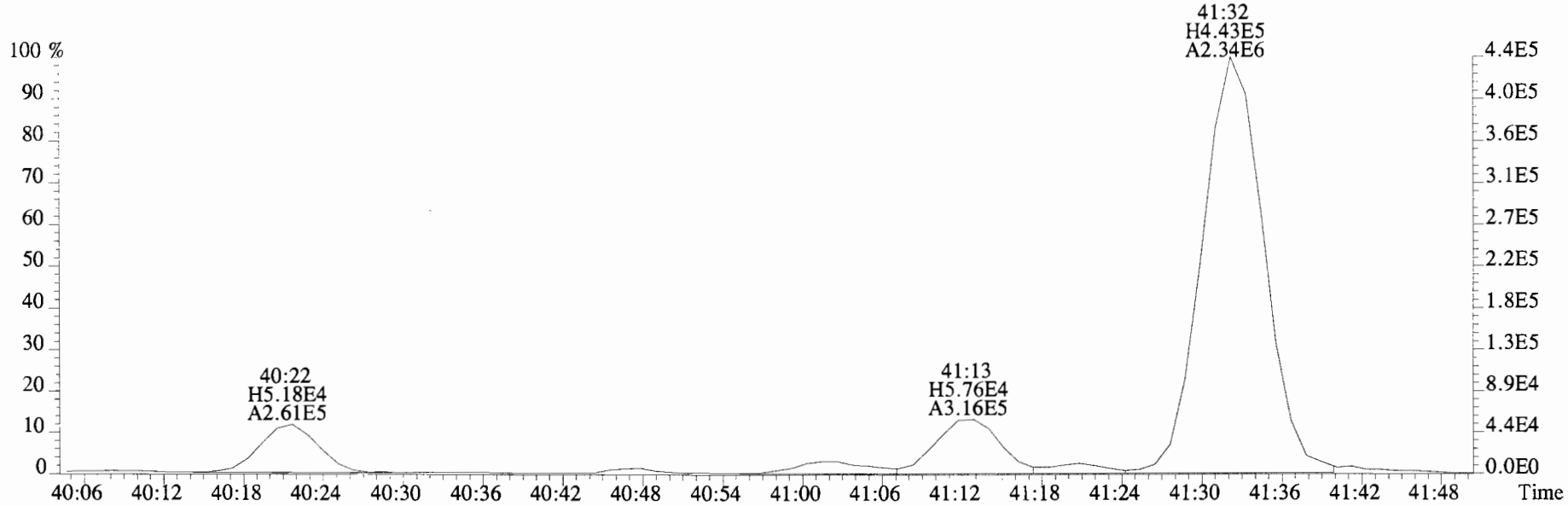
File:180315E1 #1-756 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
325.8804 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2036.0,0.00%,F,F)



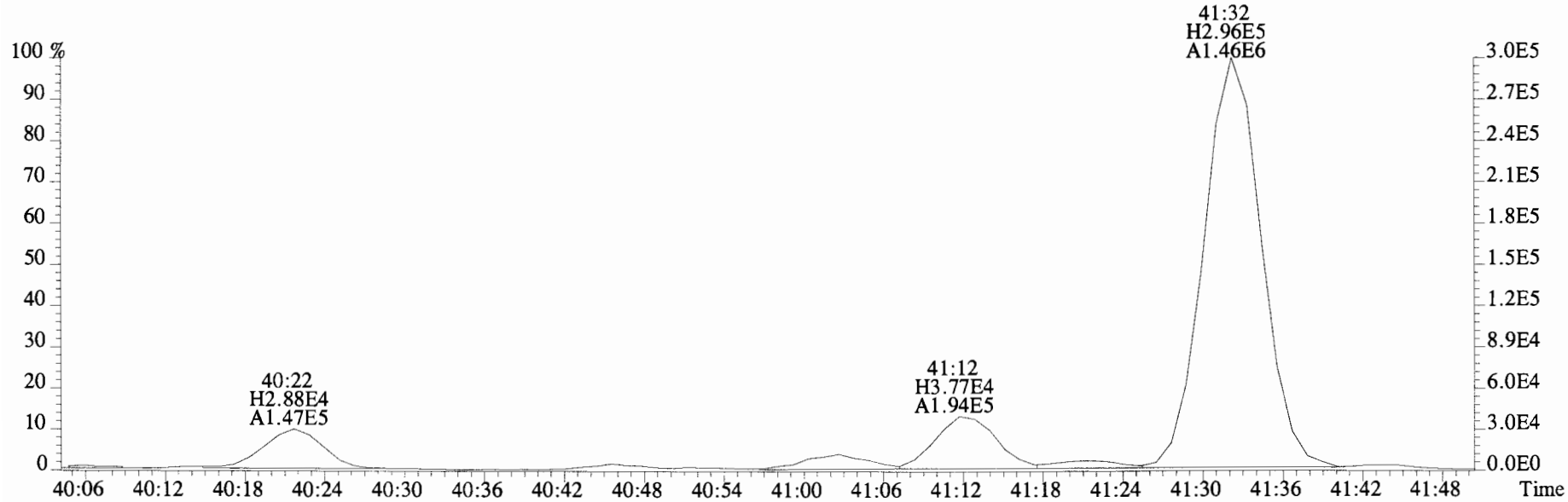
327.8775 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1980.0,0.00%,F,F)



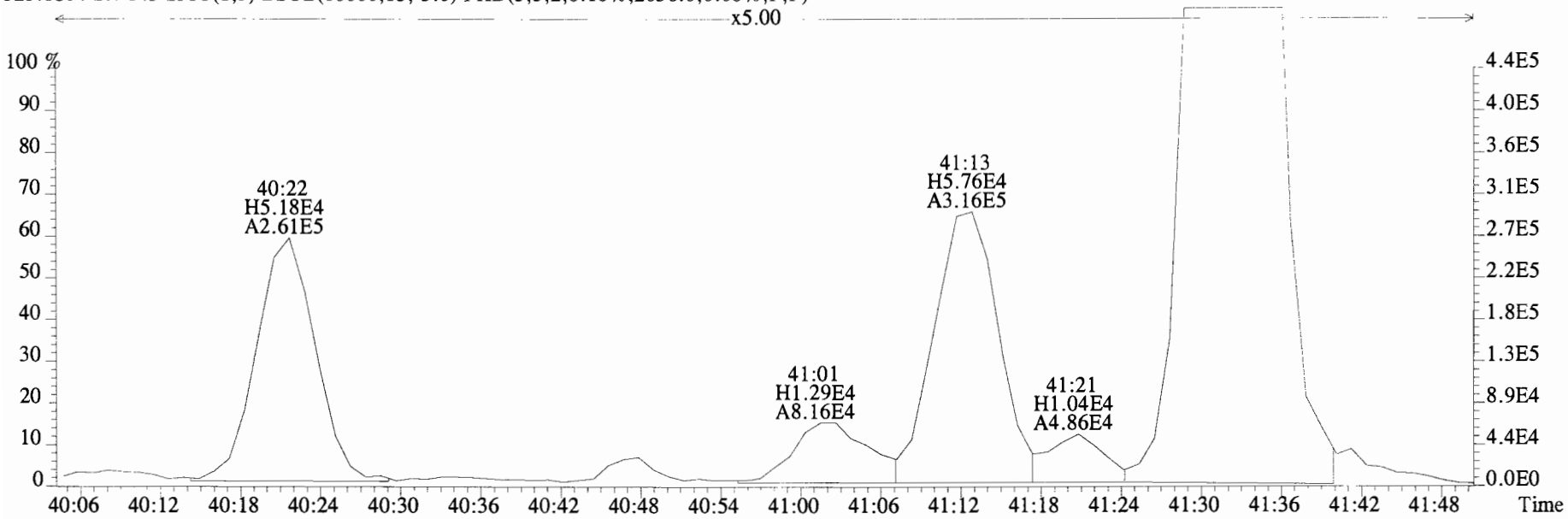
File:180315E1 #1-756 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
325.8804 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2036.0,0.00%,F,F)



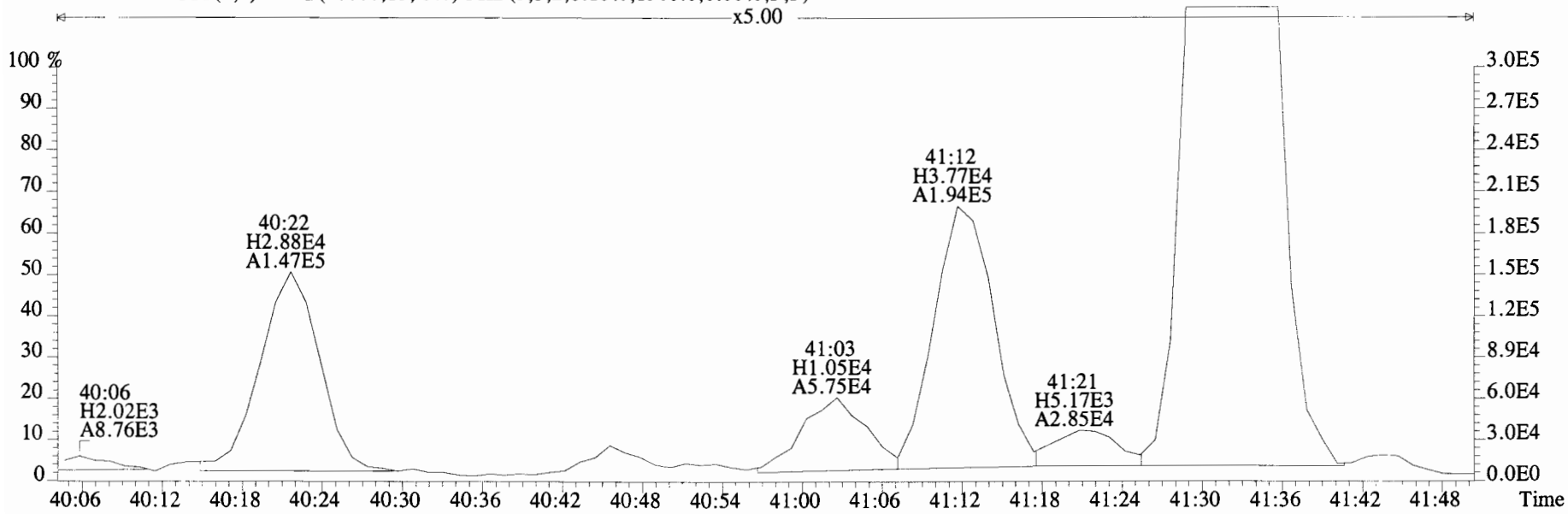
327.8775 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1980.0,0.00%,F,F)



File:180315E1 #1-756 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
325.8804 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2036.0,0.00%,F,F)

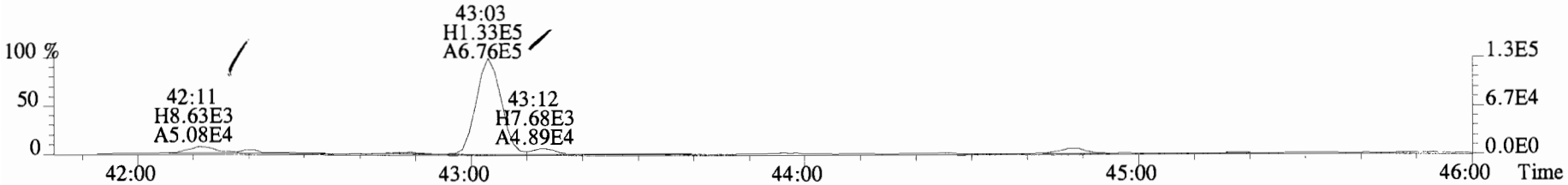


327.8775 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1980.0,0.00%,F,F)

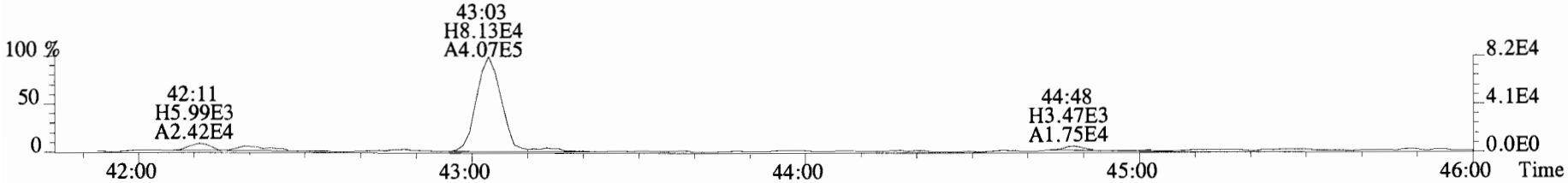


File:180315E1 #1-574 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1

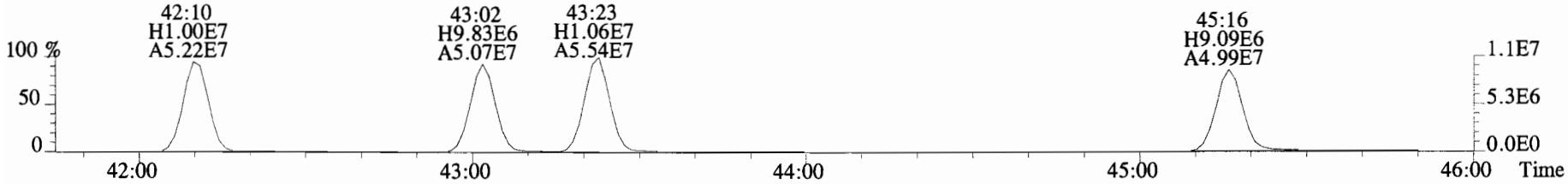
325.8804 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1812.0,0.00%,F,F)



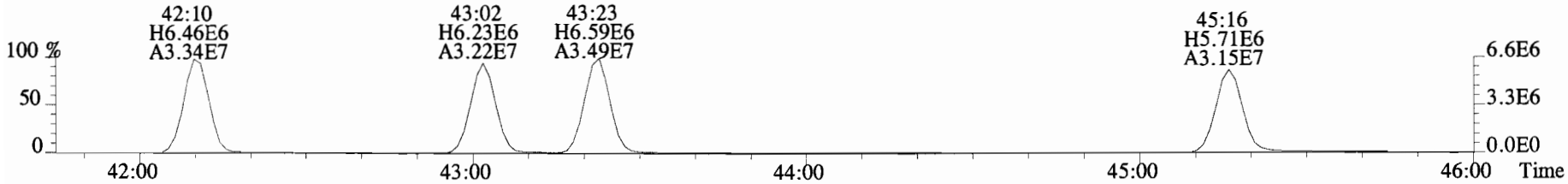
327.8775 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1720.0,0.00%,F,F)



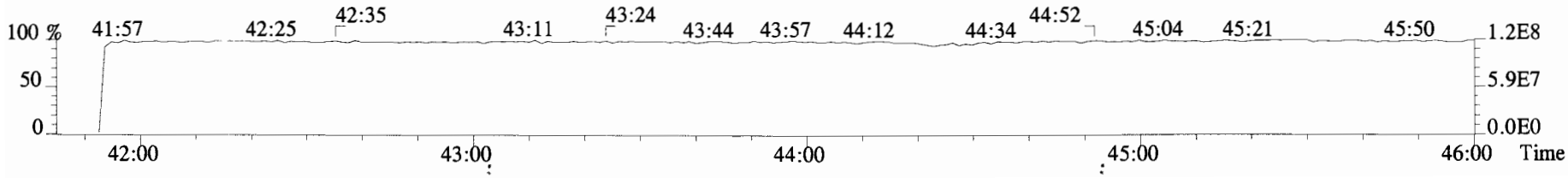
337.9207 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8976.0,0.00%,F,F)



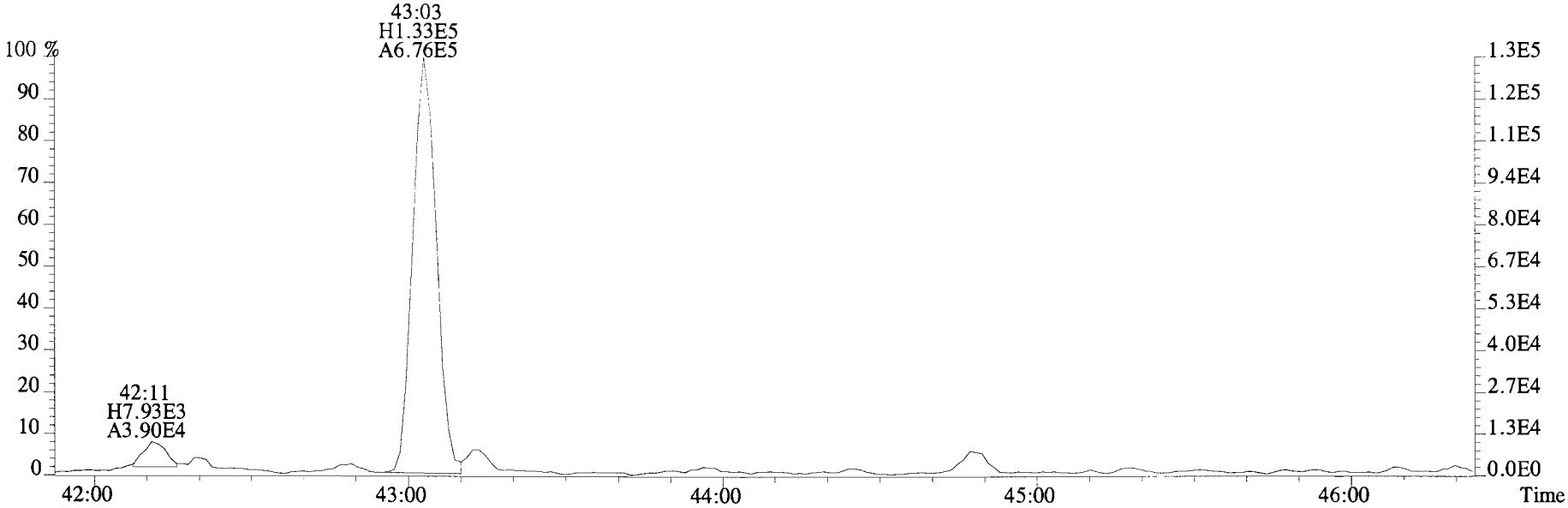
339.9177 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7292.0,0.00%,F,F)



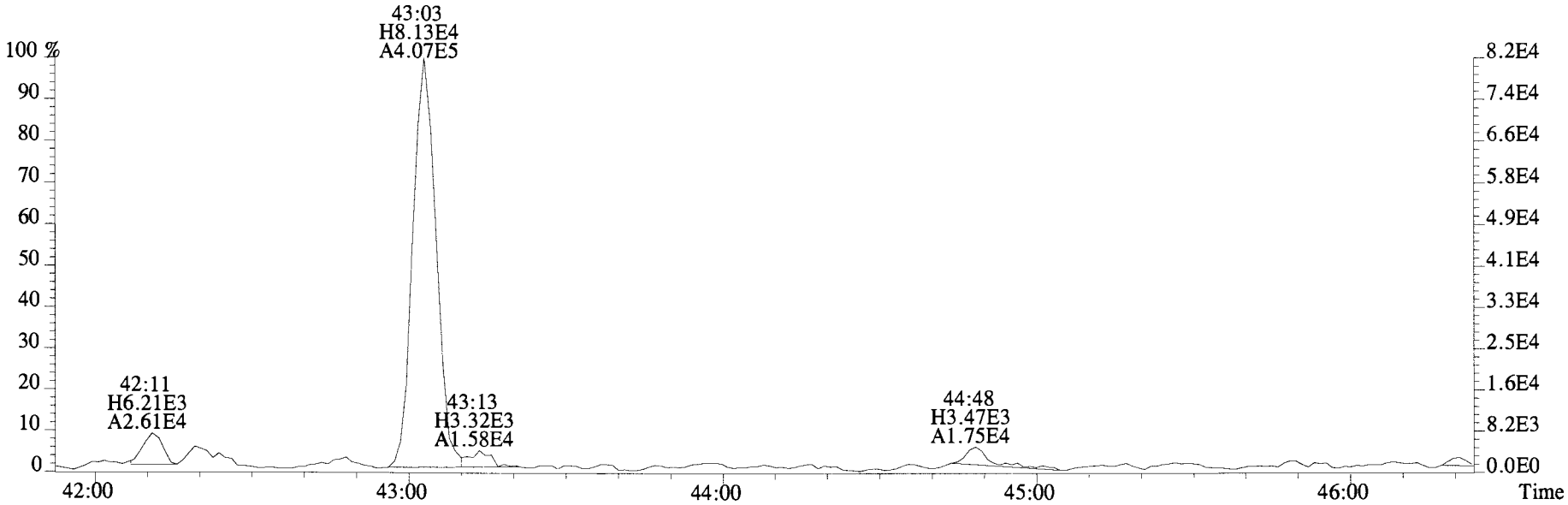
380.9760 S:7 F:4



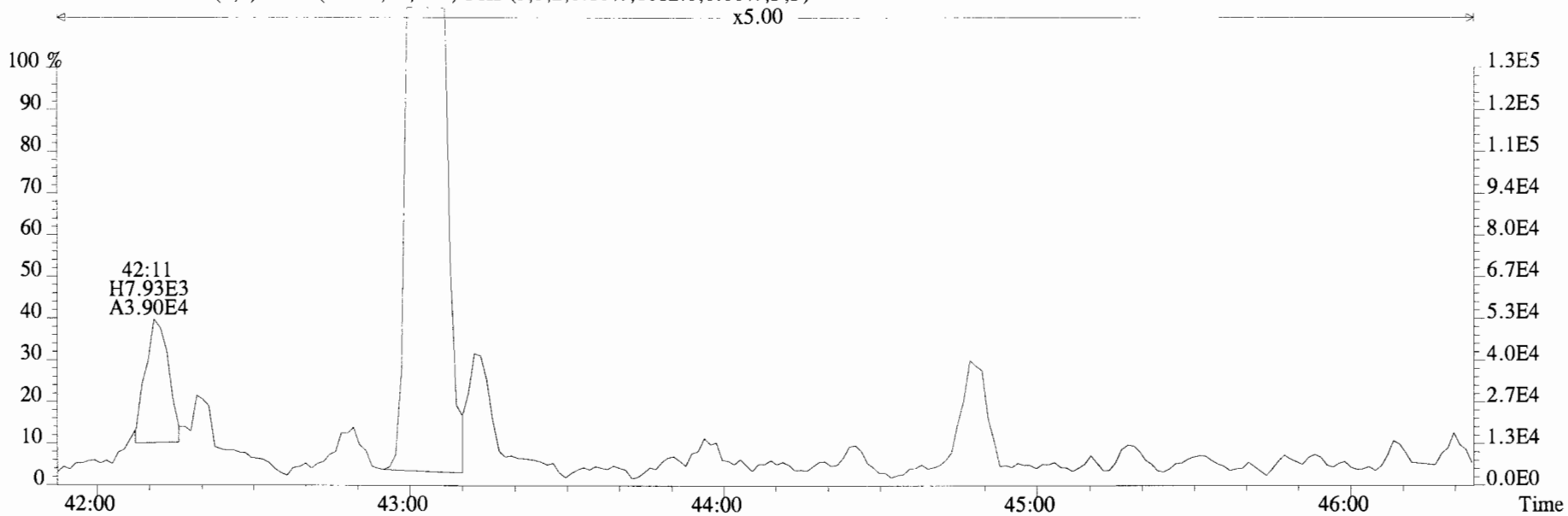
File:180315E1 #1-574 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
325.8804 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1812.0,0.00%,F,F)



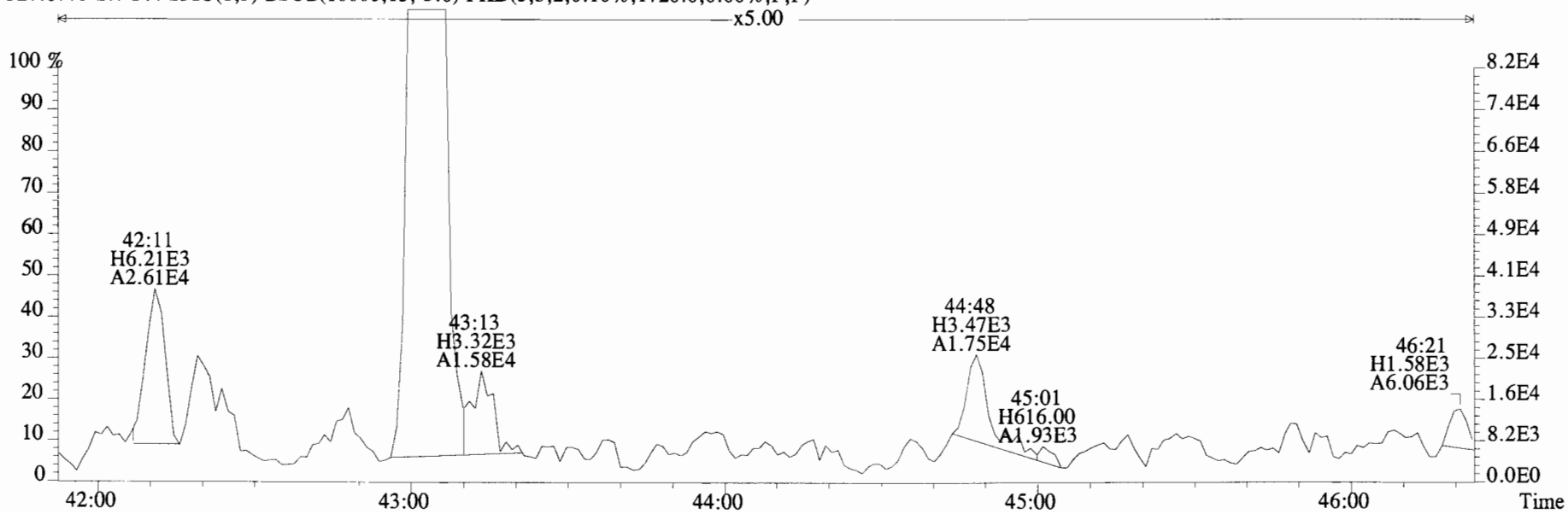
327.8775 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1720.0,0.00%,F,F)



File:180315E1 #1-574 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
325.8804 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1812.0,0.00%,F,F)

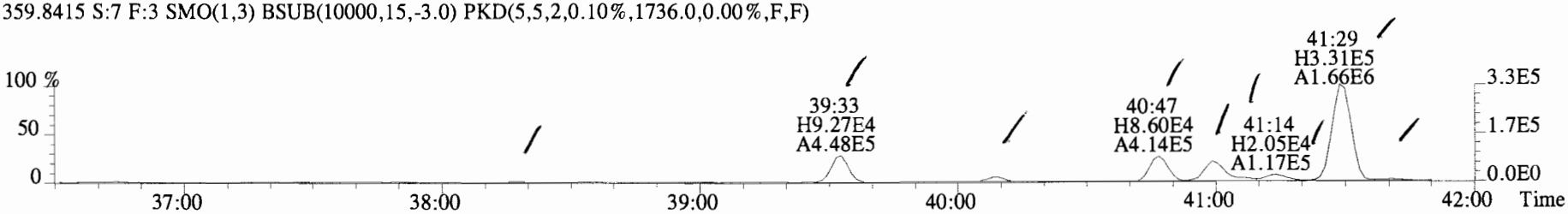


327.8775 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1720.0,0.00%,F,F)

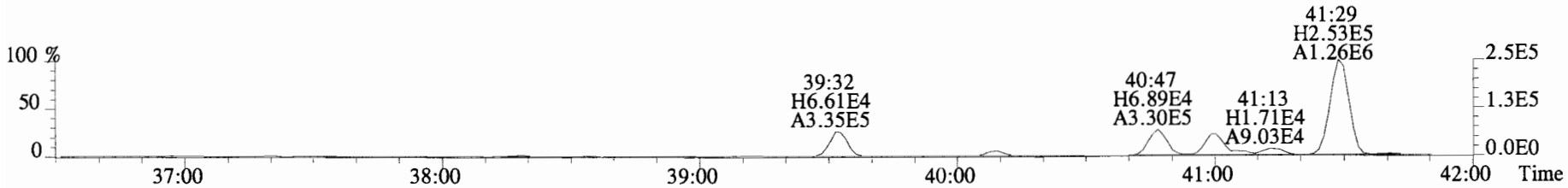


File:180315E1 #1-756 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1

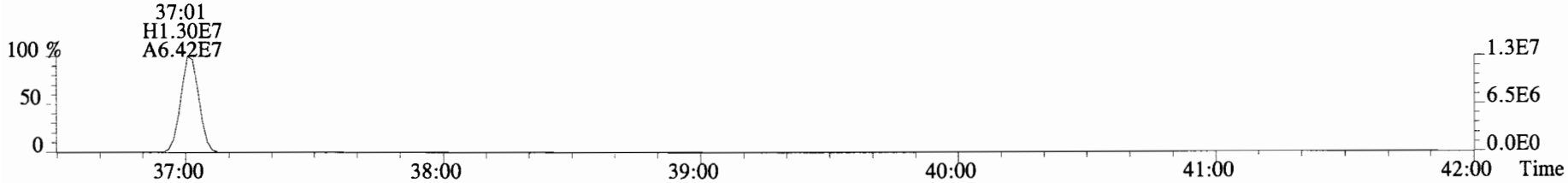
359.8415 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1736.0,0.00%,F,F)



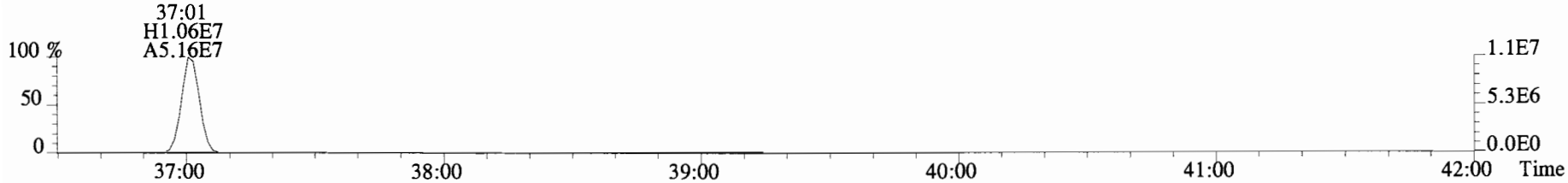
361.8385 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1712.0,0.00%,F,F)



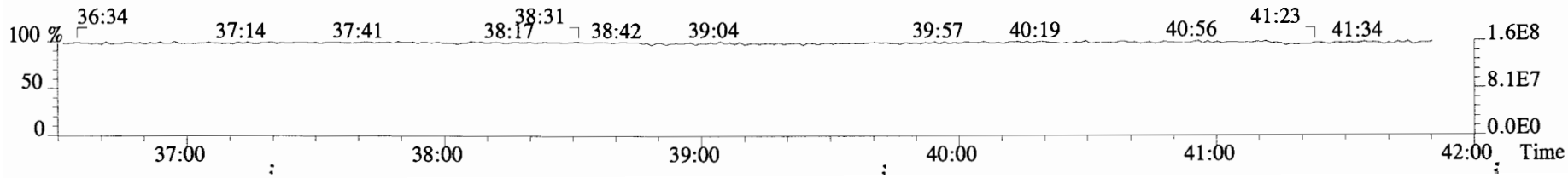
371.8817 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2160.0,0.00%,F,F)



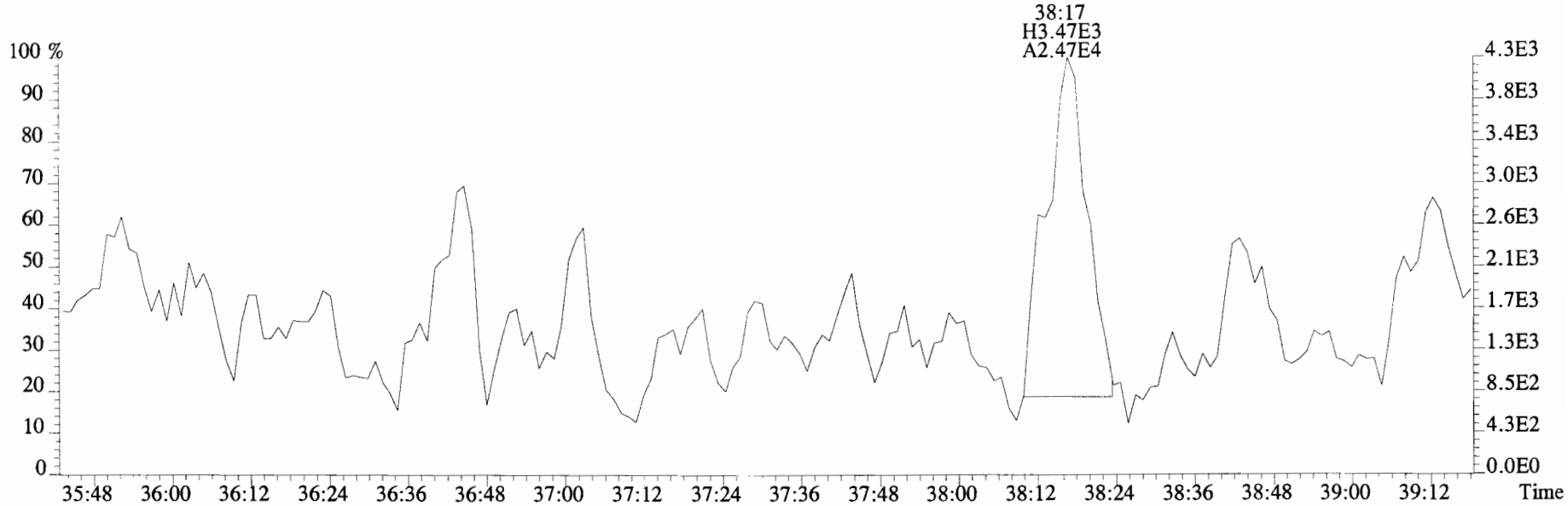
373.8788 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2972.0,0.00%,F,F)



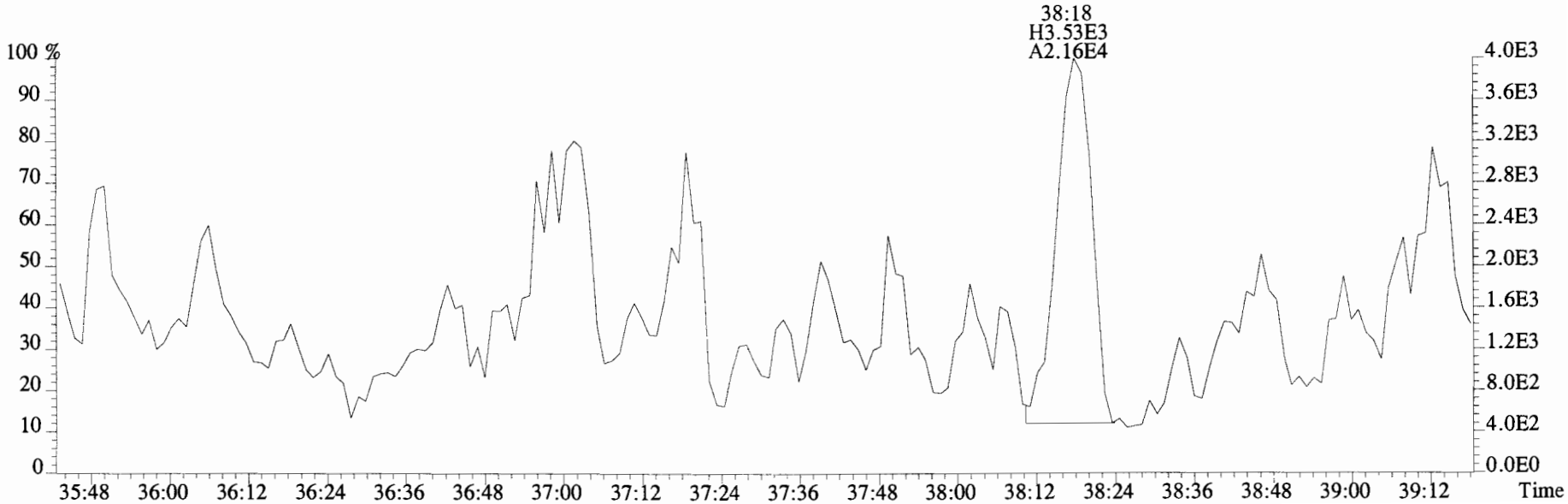
330.9792 S:7 F:3



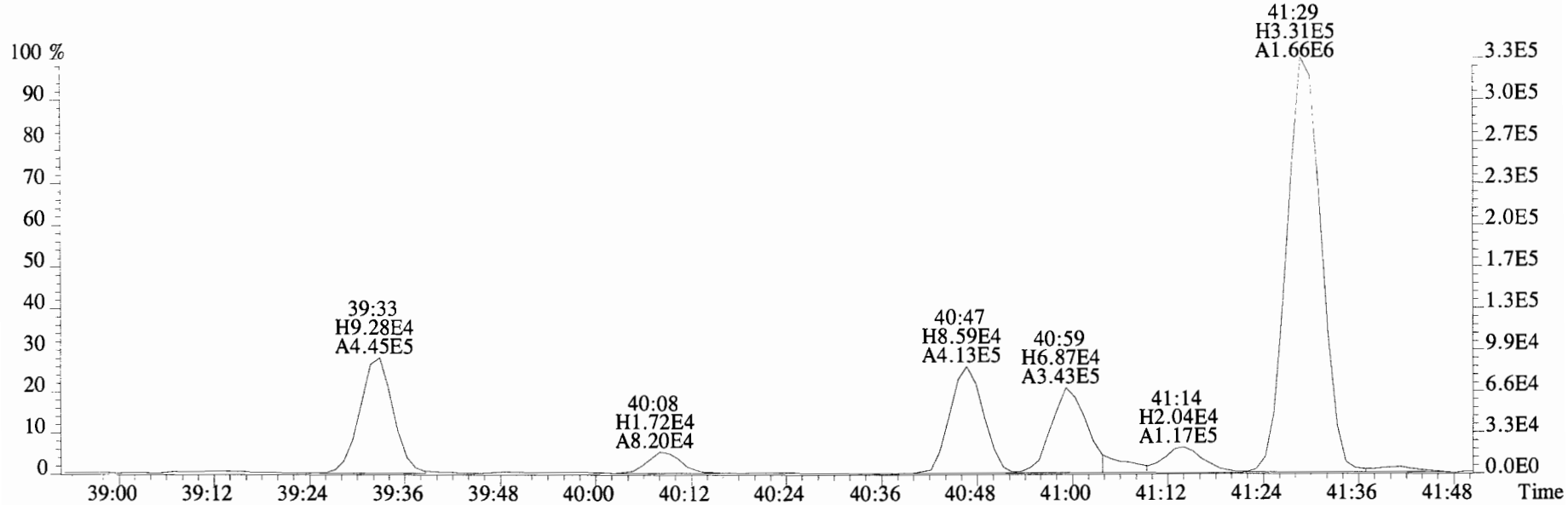
File:180315E1 #1-756 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
359.8415 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1736.0,0.00%,F,F)



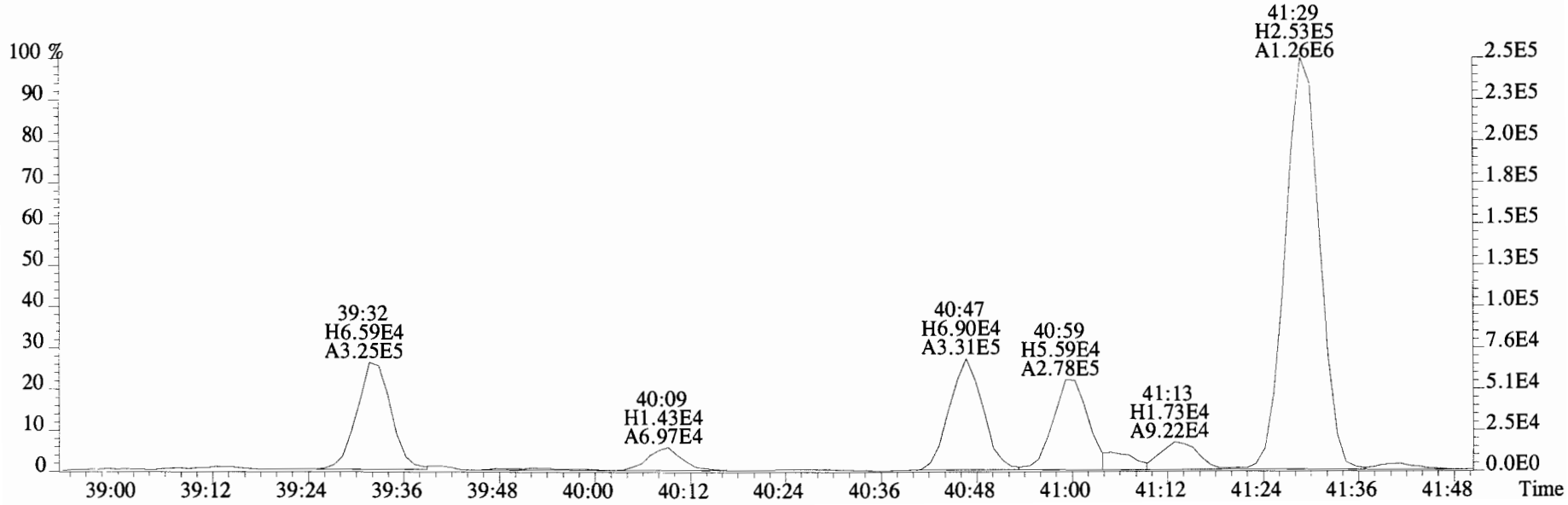
361.8385 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1712.0,0.00%,F,F)



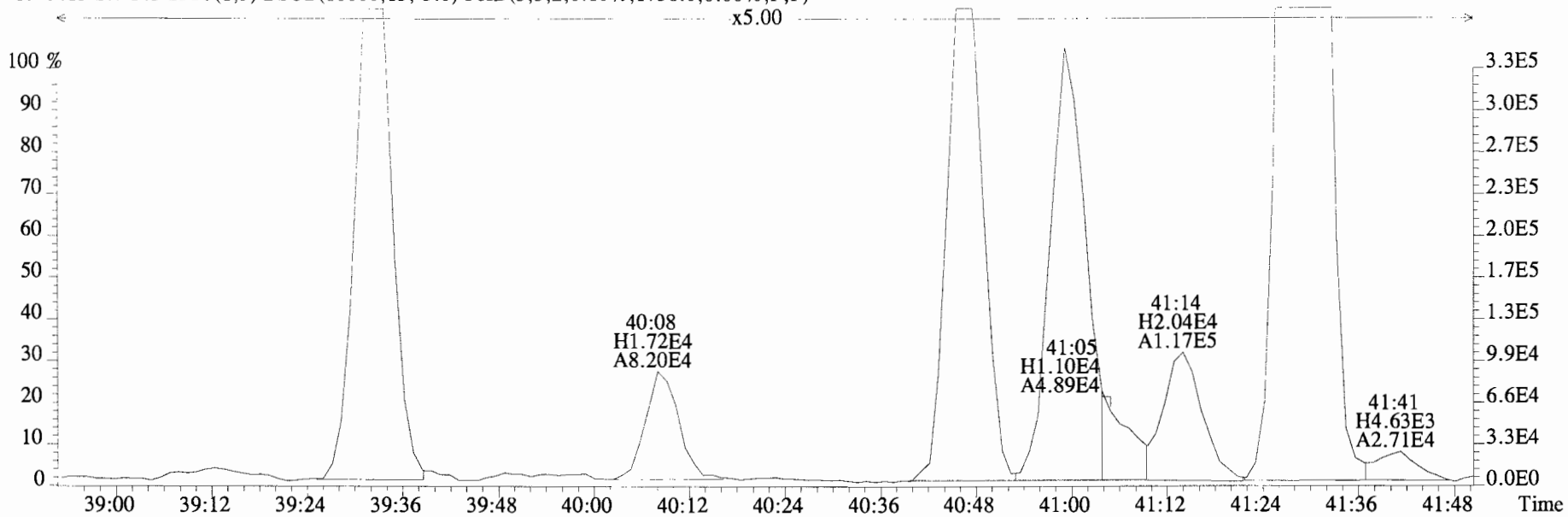
File:180315E1 #1-756 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
359.8415 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1736.0,0.00%,F,F)



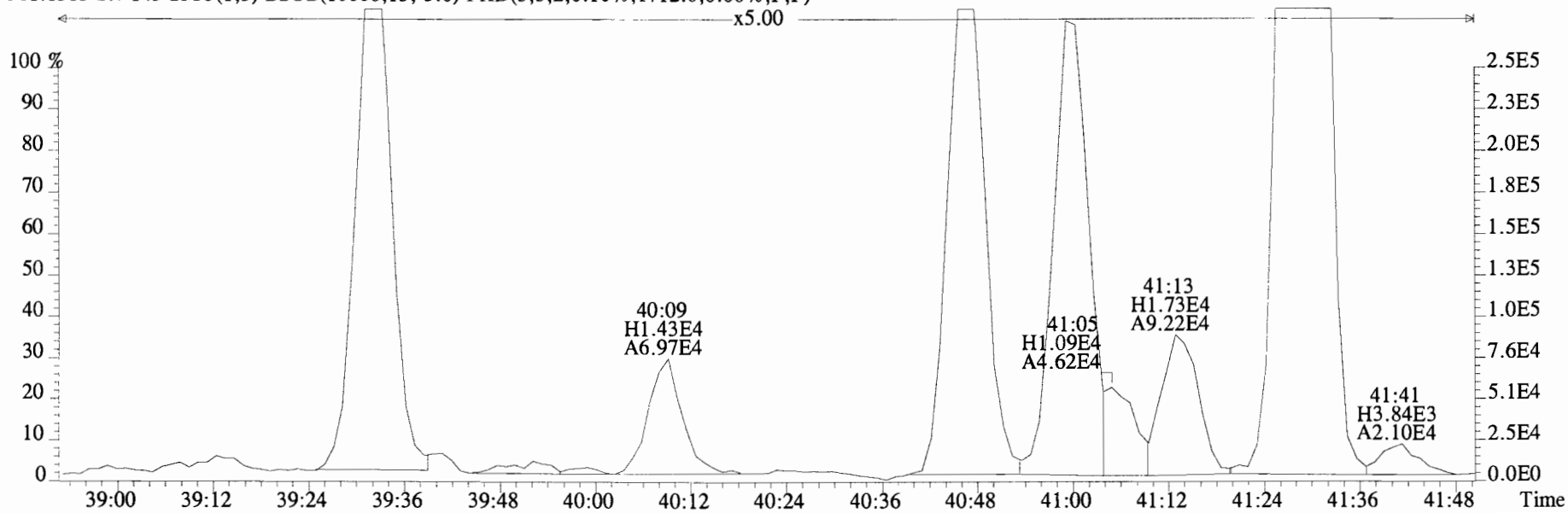
361.8385 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1712.0,0.00%,F,F)



File:180315E1 #1-756 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
359.8415 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1736.0,0.00%,F,F)

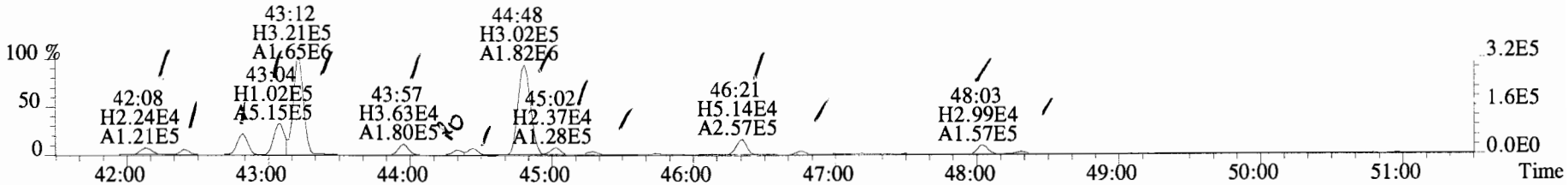


361.8385 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1712.0,0.00%,F,F)

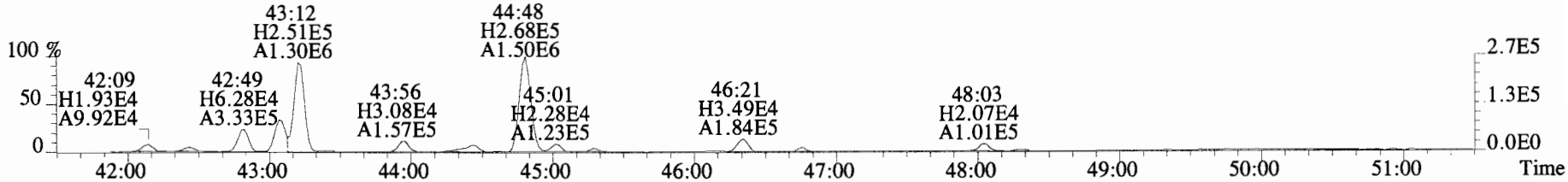


File:180315E1 #1-574 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1

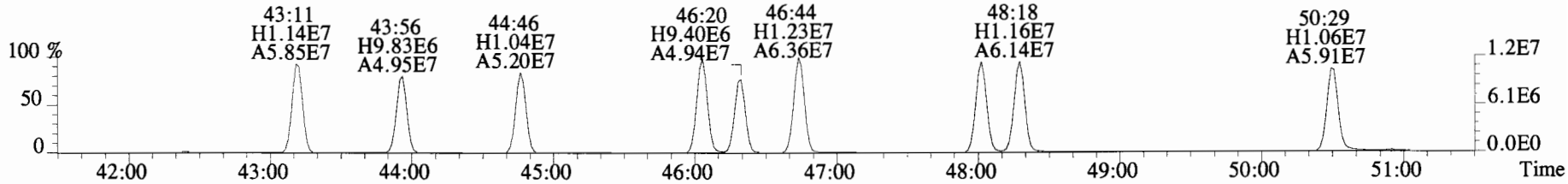
359.8415 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1524.0,0.00%,F,F)



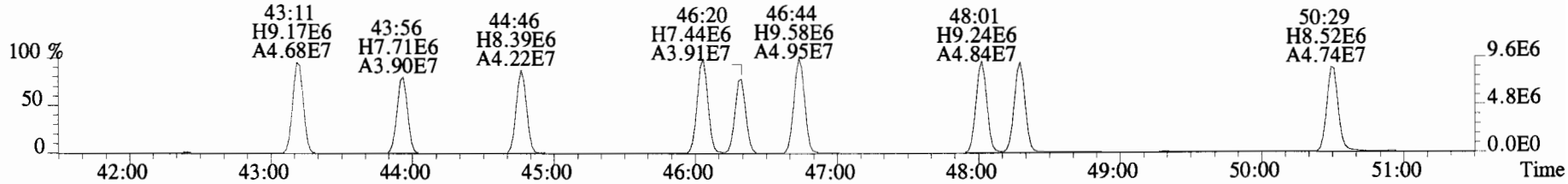
361.8385 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2152.0,0.00%,F,F)



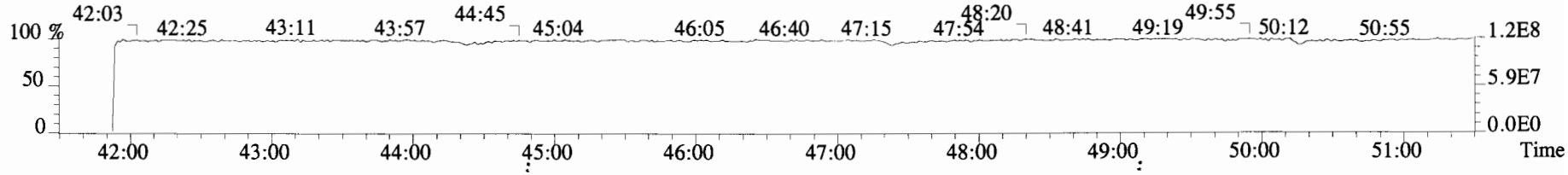
371.8817 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17724.0,0.00%,F,F)



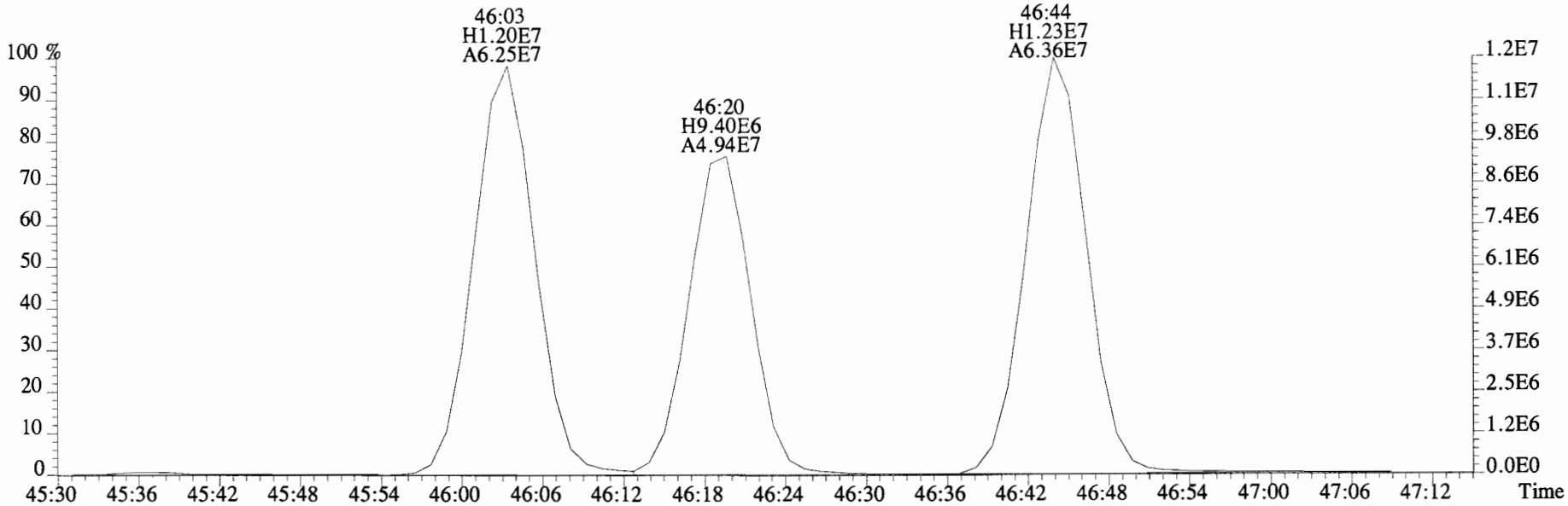
373.8788 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13436.0,0.00%,F,F)



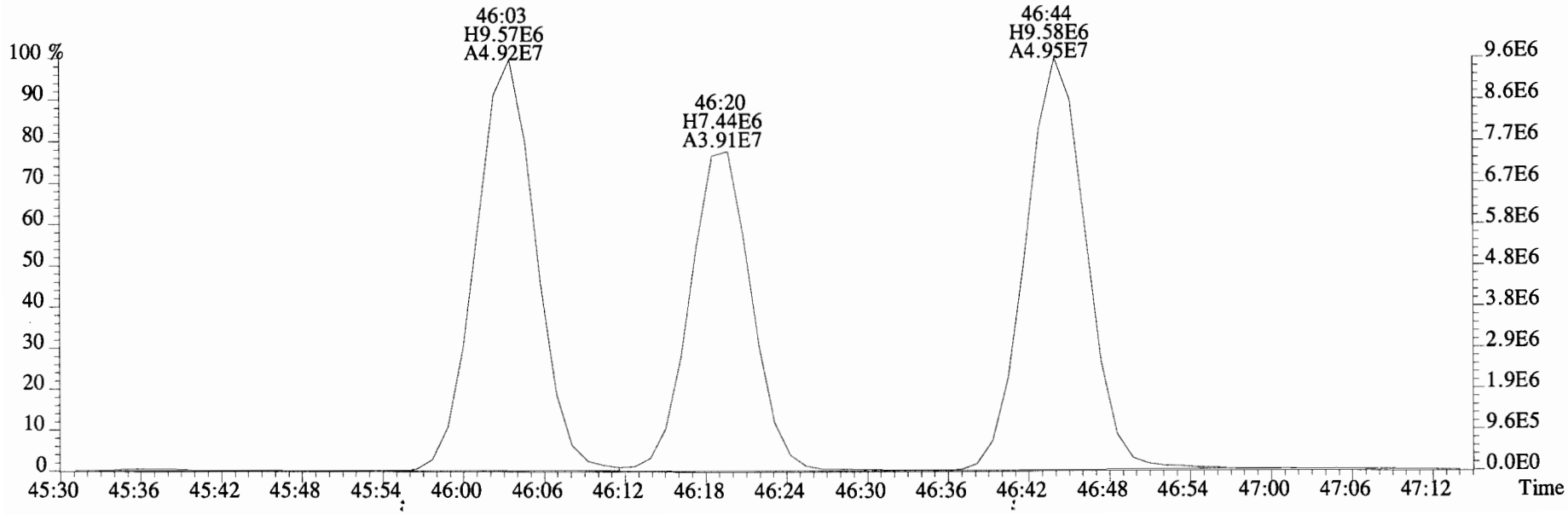
380.9760 S:7 F:4



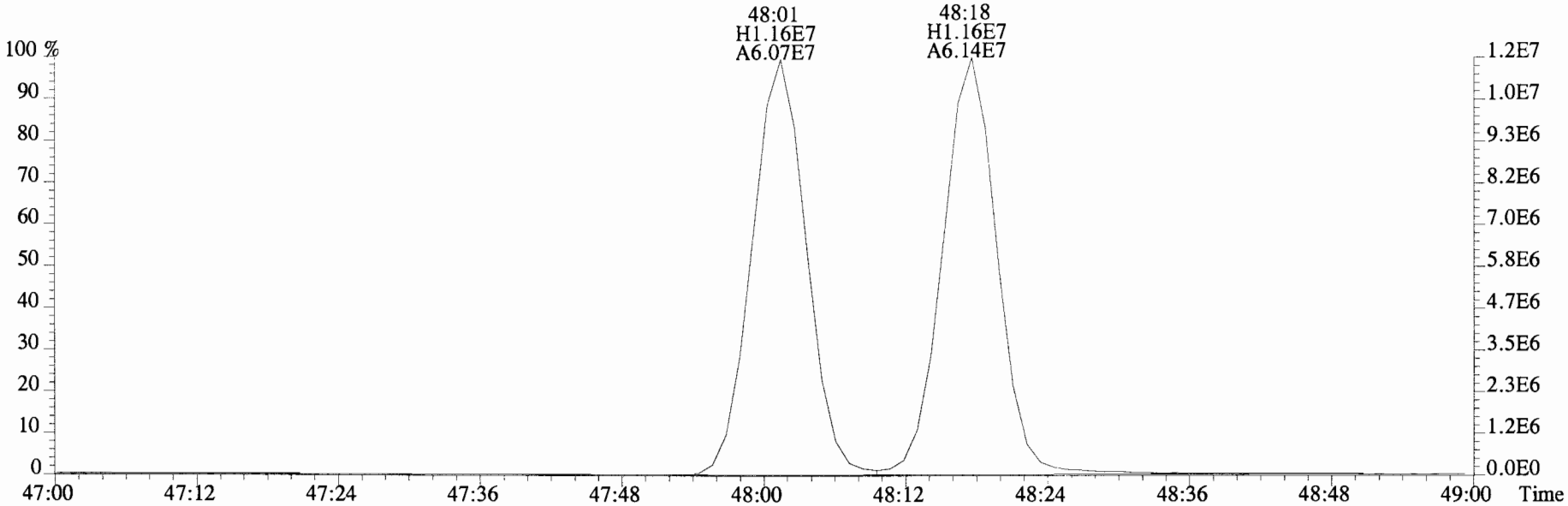
File:180315E1 #1-574 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
371.8817 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17724.0,0.00%,F,F)



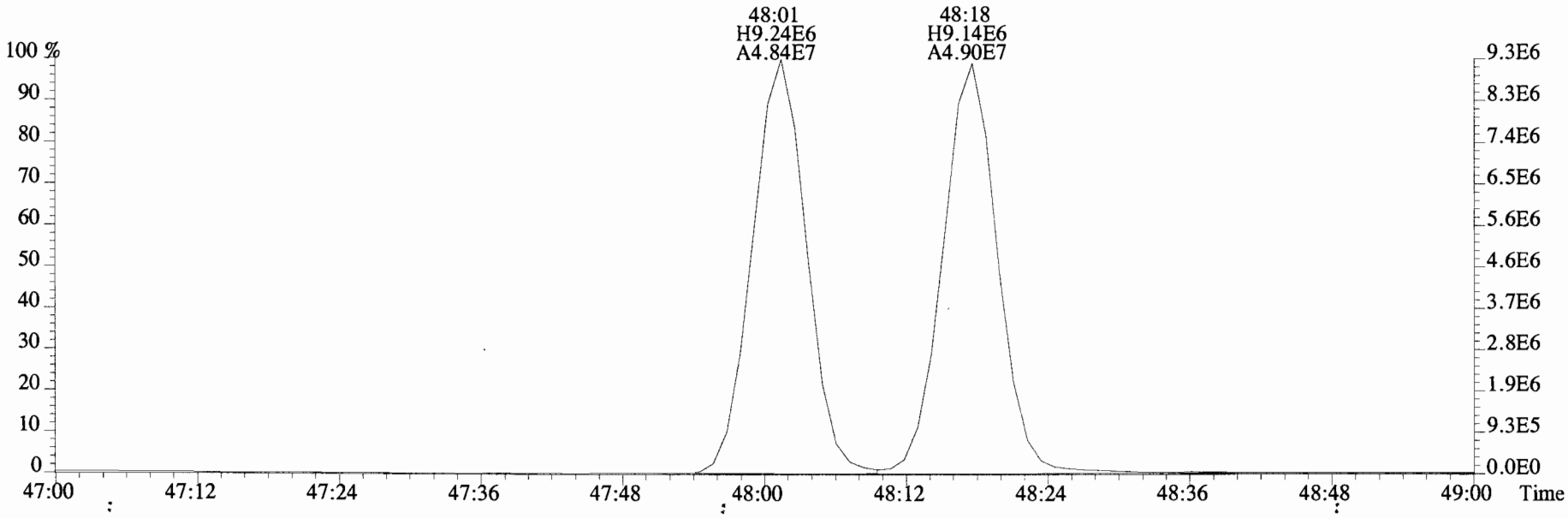
373.8788 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13436.0,0.00%,F,F)



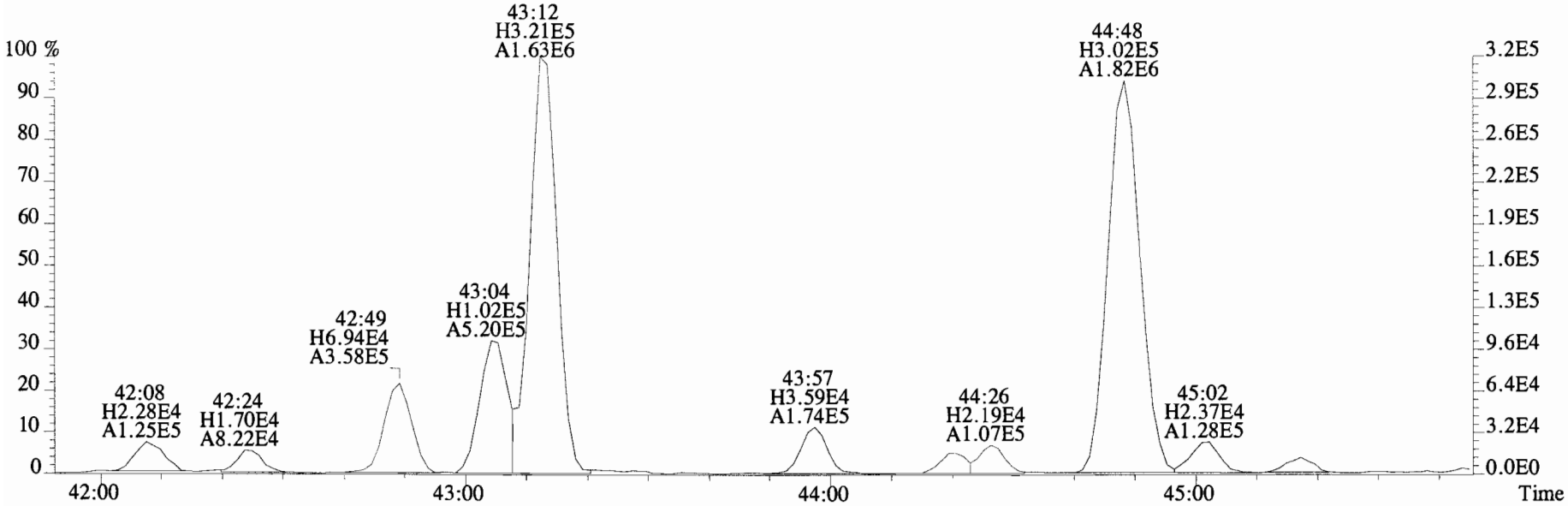
File:180315E1 #1-574 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
371.8817 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17724.0,0.00%,F,F)



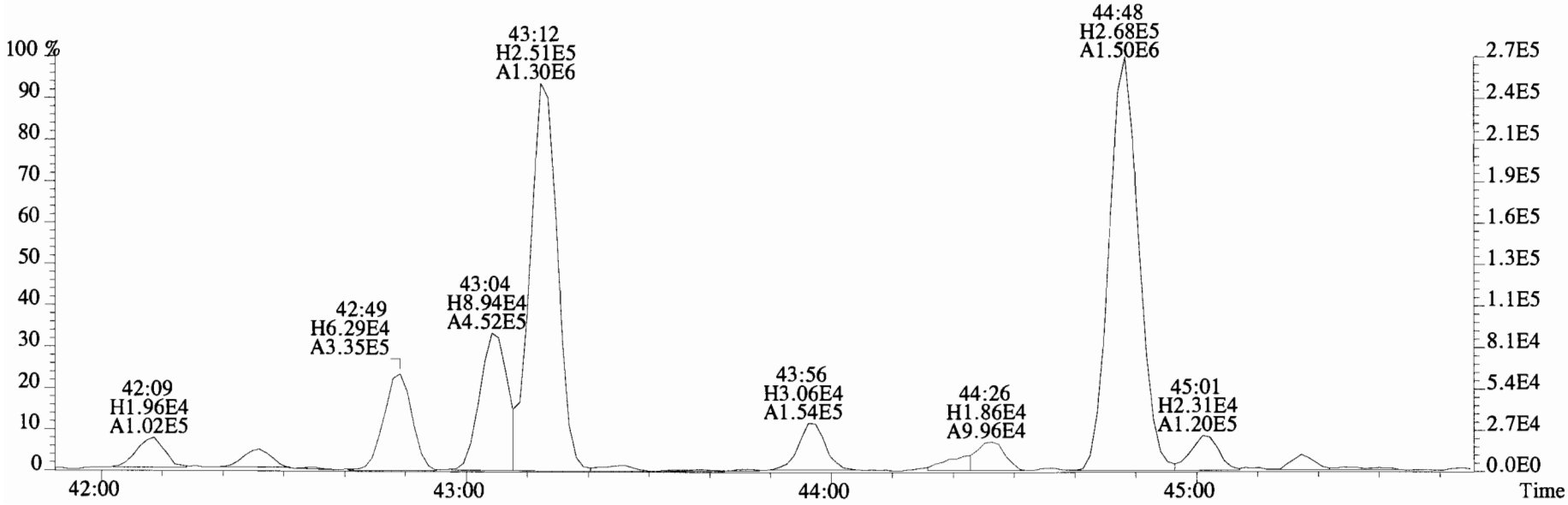
373.8788 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13436.0,0.00%,F,F)



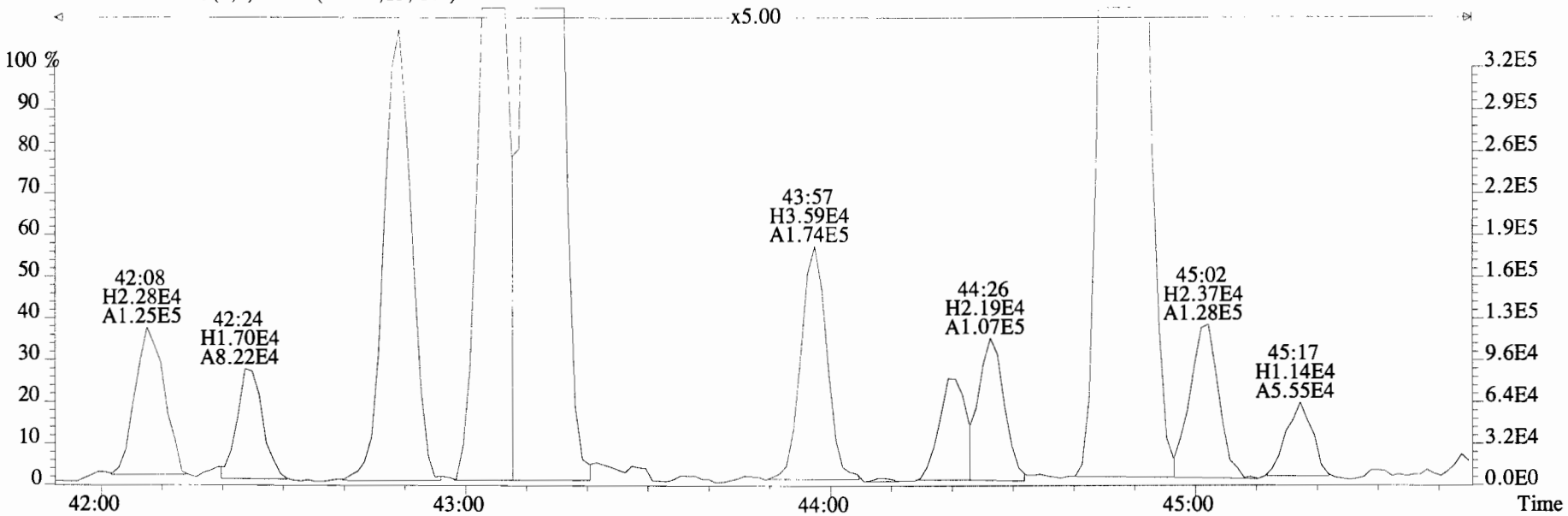
File:180315E1 #1-574 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
359.8415 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0)



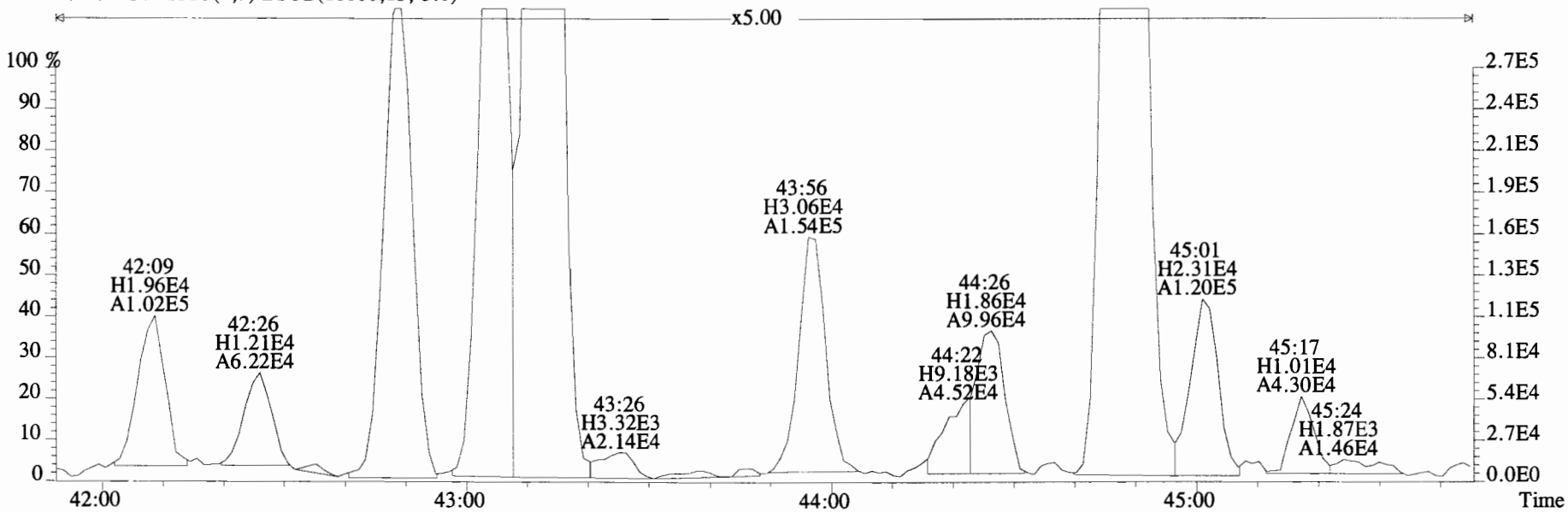
361.8385 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0)



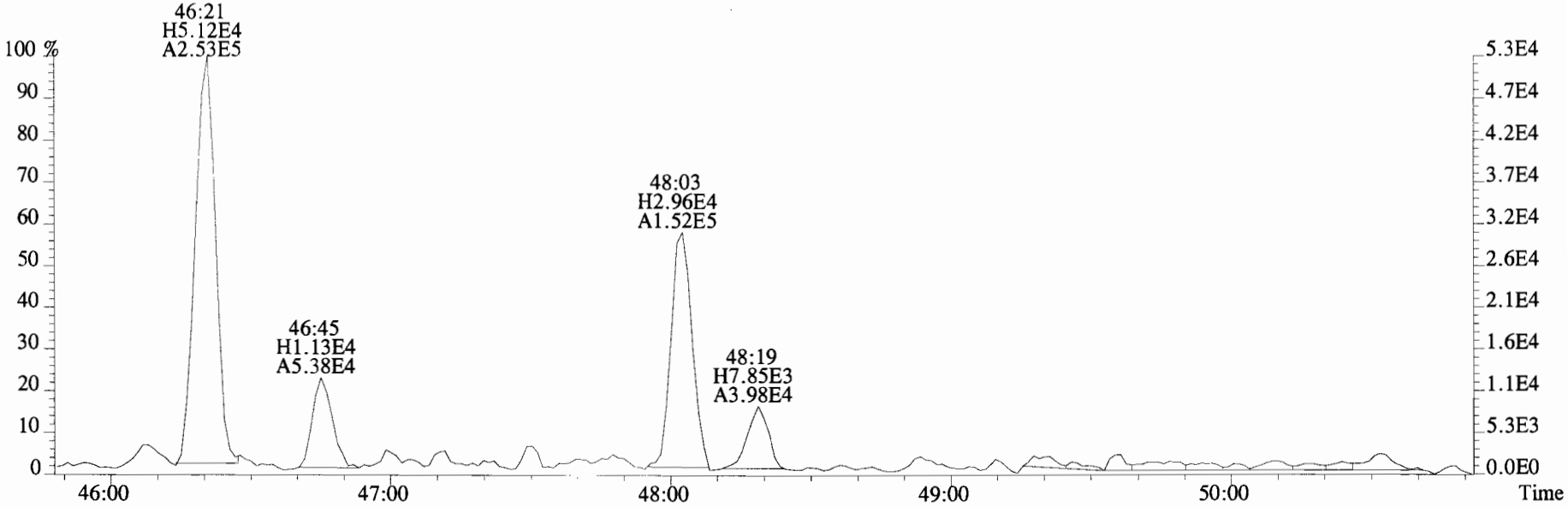
File:180315E1 #1-574 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
359.8415 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0)



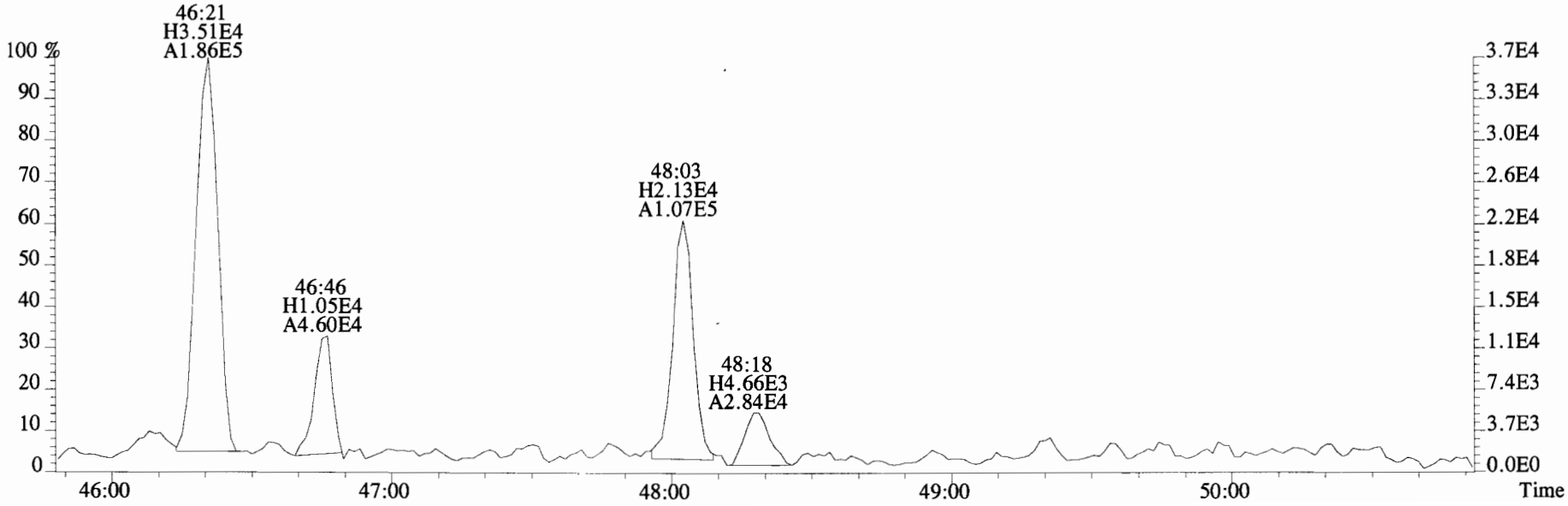
361.8385 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0)



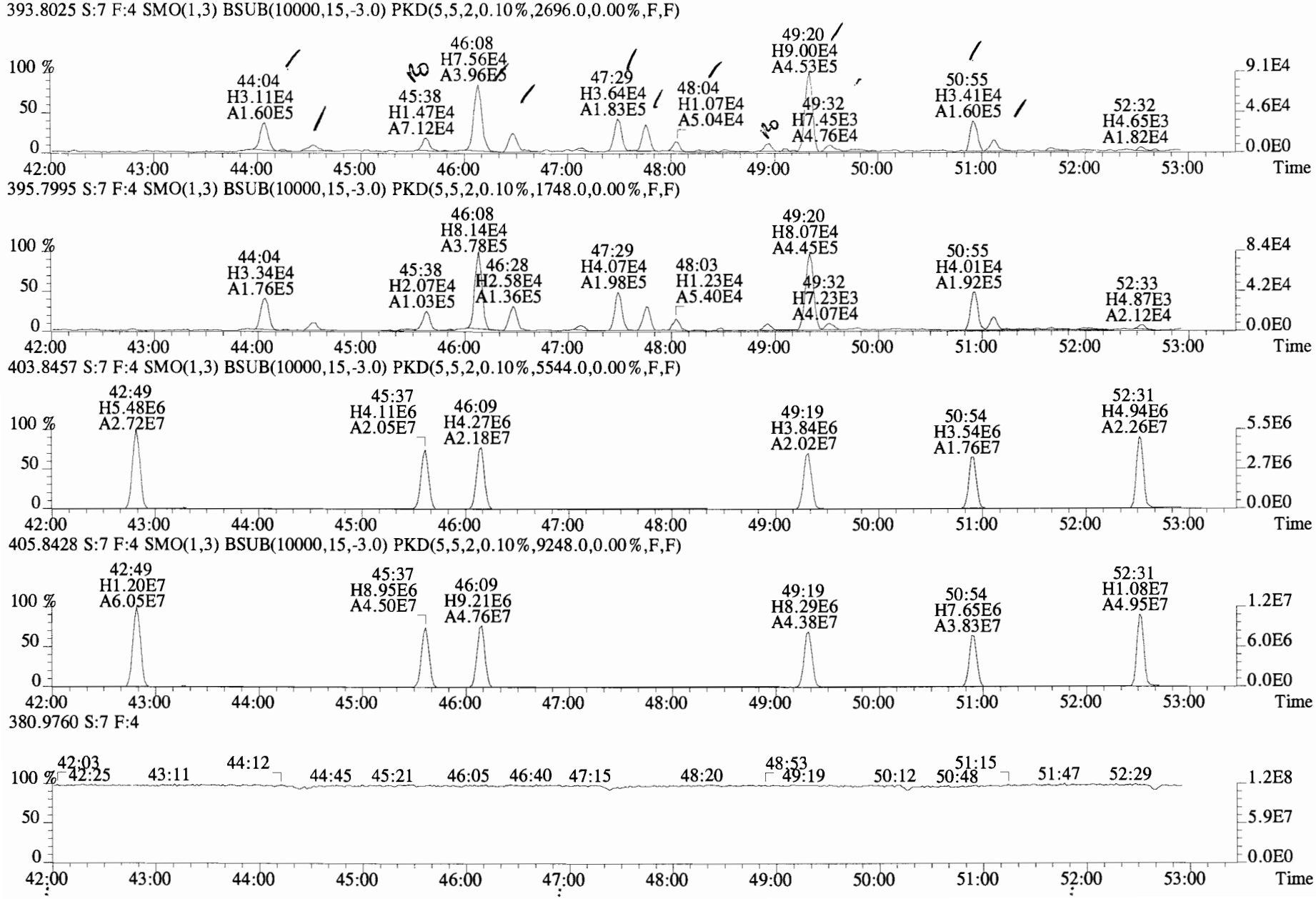
File:180315E1 #1-574 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
359.8415 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0)



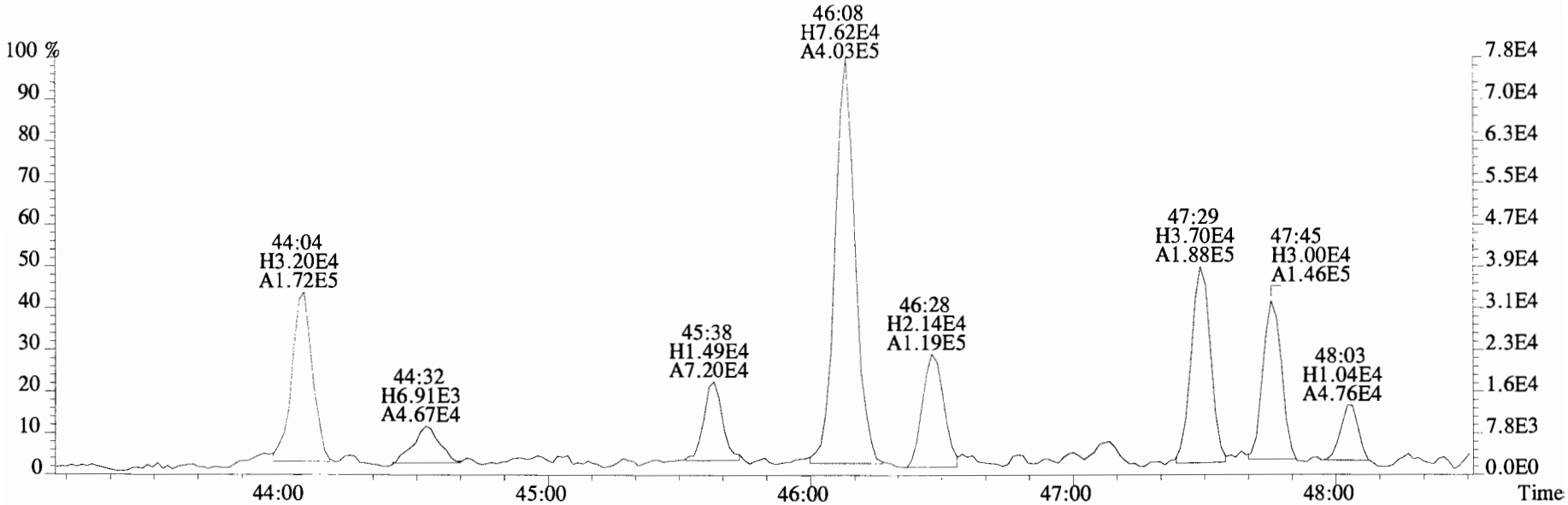
361.8385 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0)



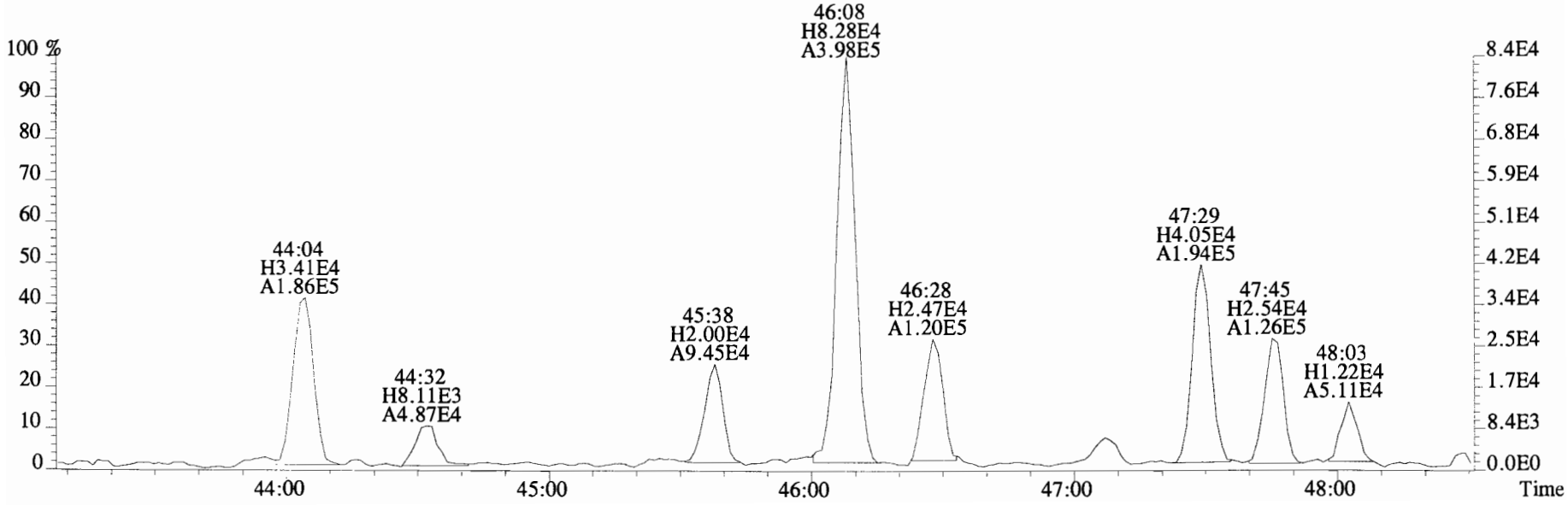
File:180315E1 #1-574 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1



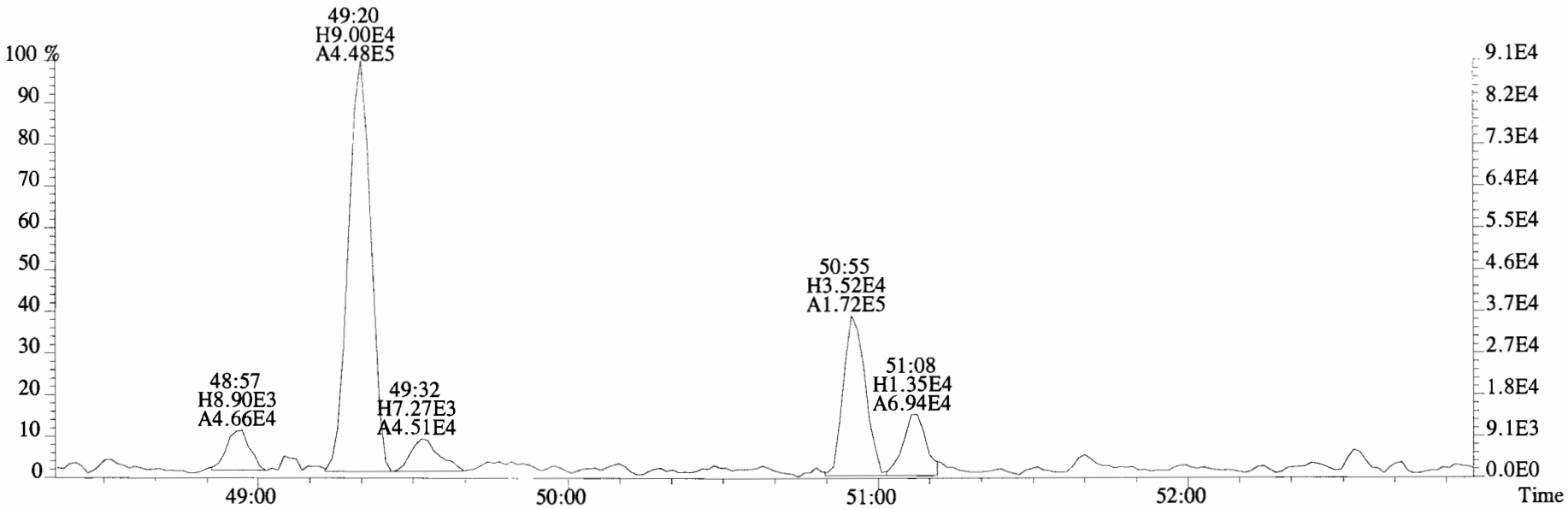
File:180315E1 #1-574 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
393.8025 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2696.0,0.00%,F,F)



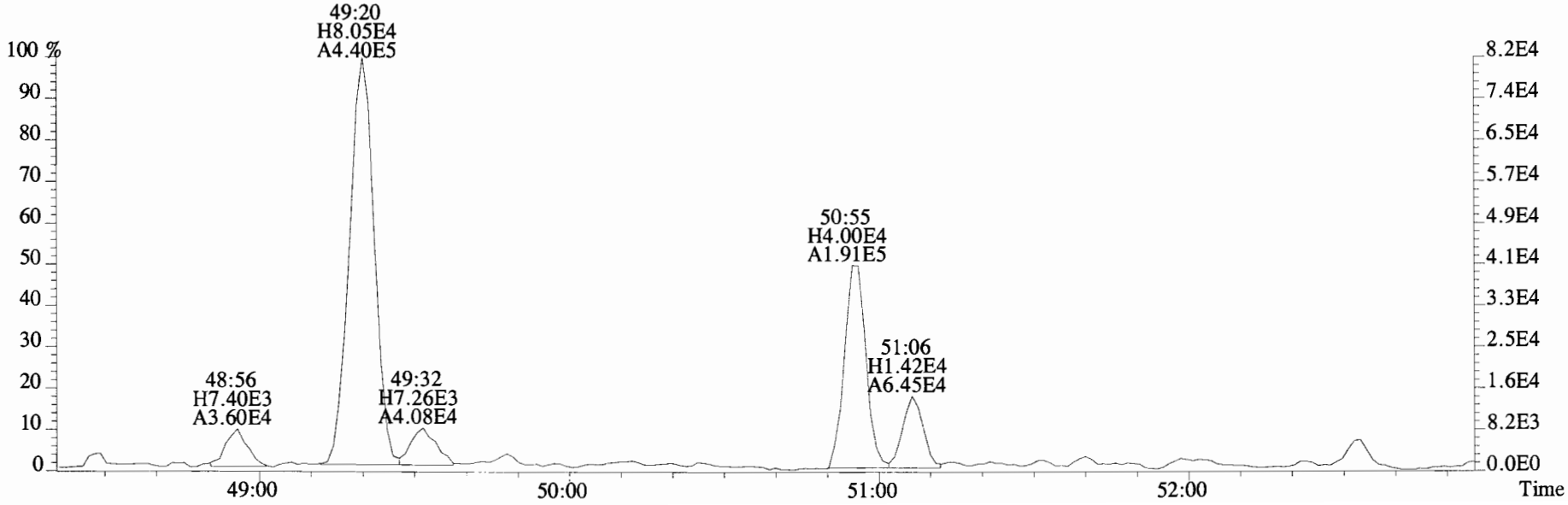
395.7995 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1748.0,0.00%,F,F)



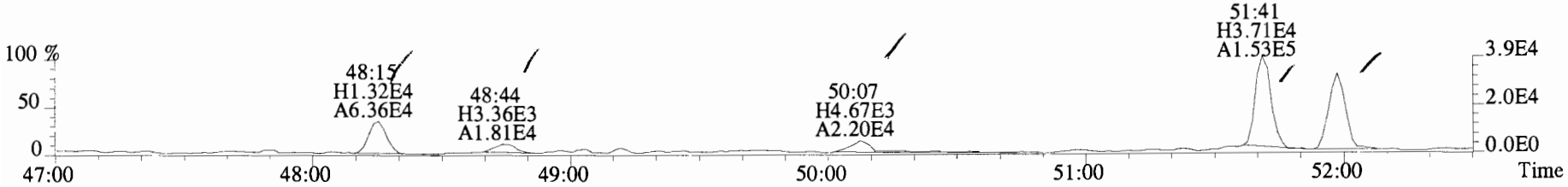
File:180315E1 #1-574 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
393.8025 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2696.0,0.00%,F,F)



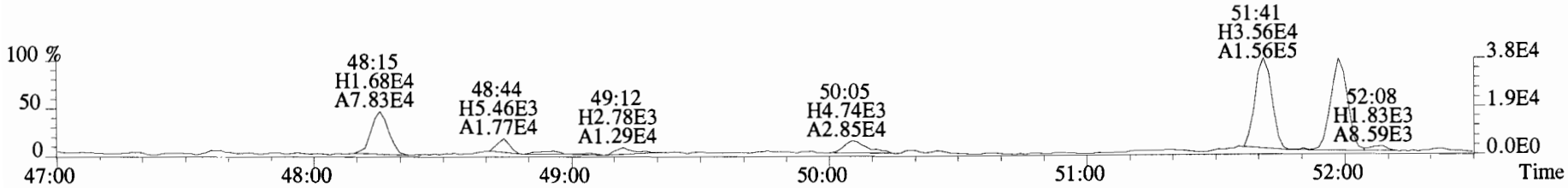
395.7995 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1748.0,0.00%,F,F)



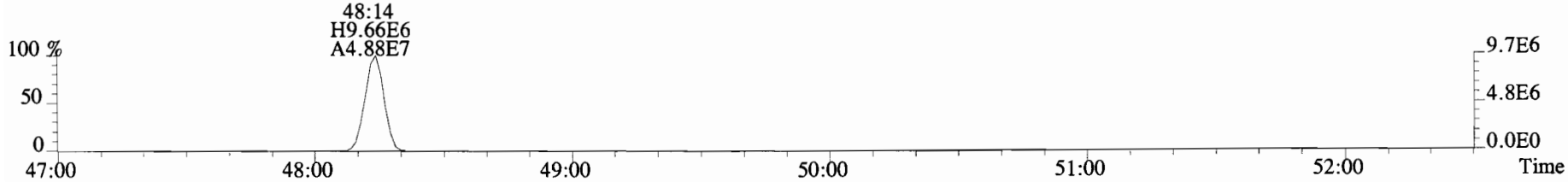
File:180315E1 #1-574 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
427.7635 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1484.0,0.00%,F,F)



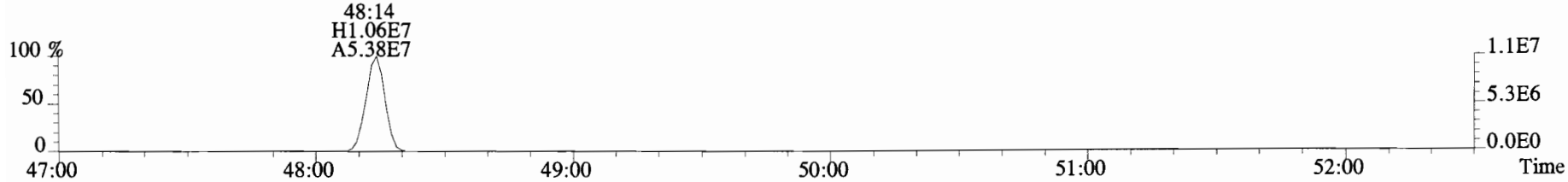
429.7606 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1704.0,0.00%,F,F)



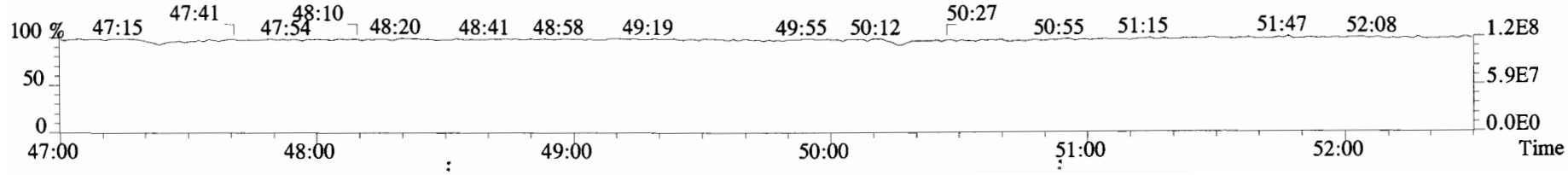
439.8038 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1592.0,0.00%,F,F)



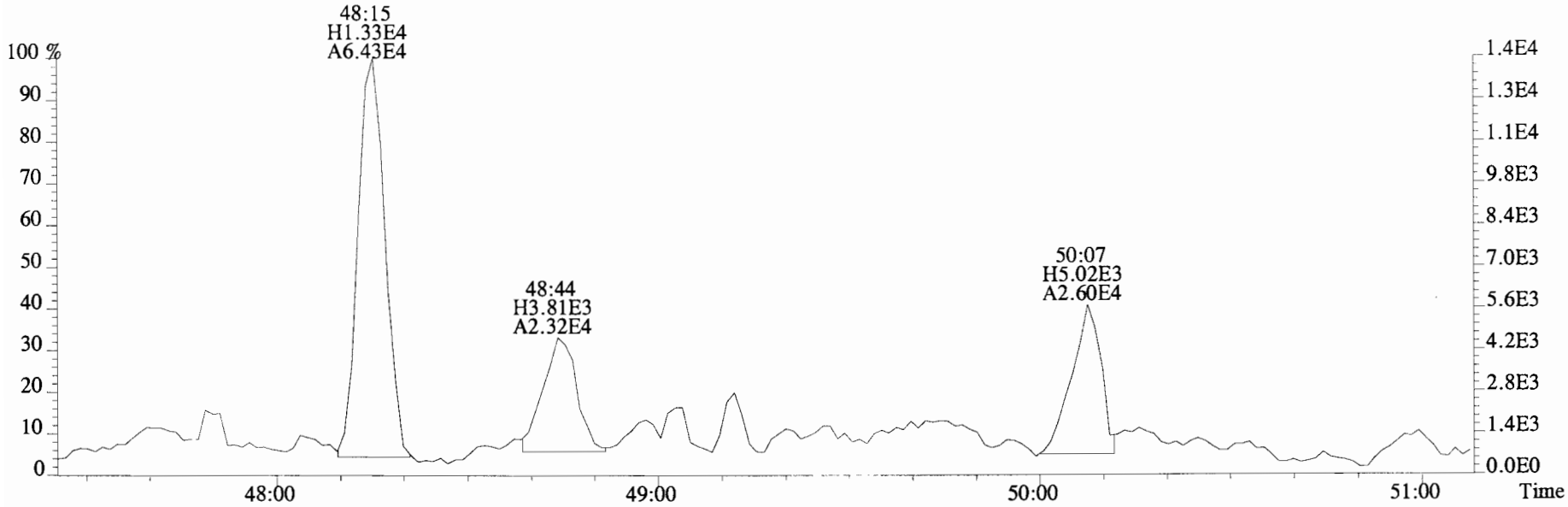
441.8008 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1936.0,0.00%,F,F)



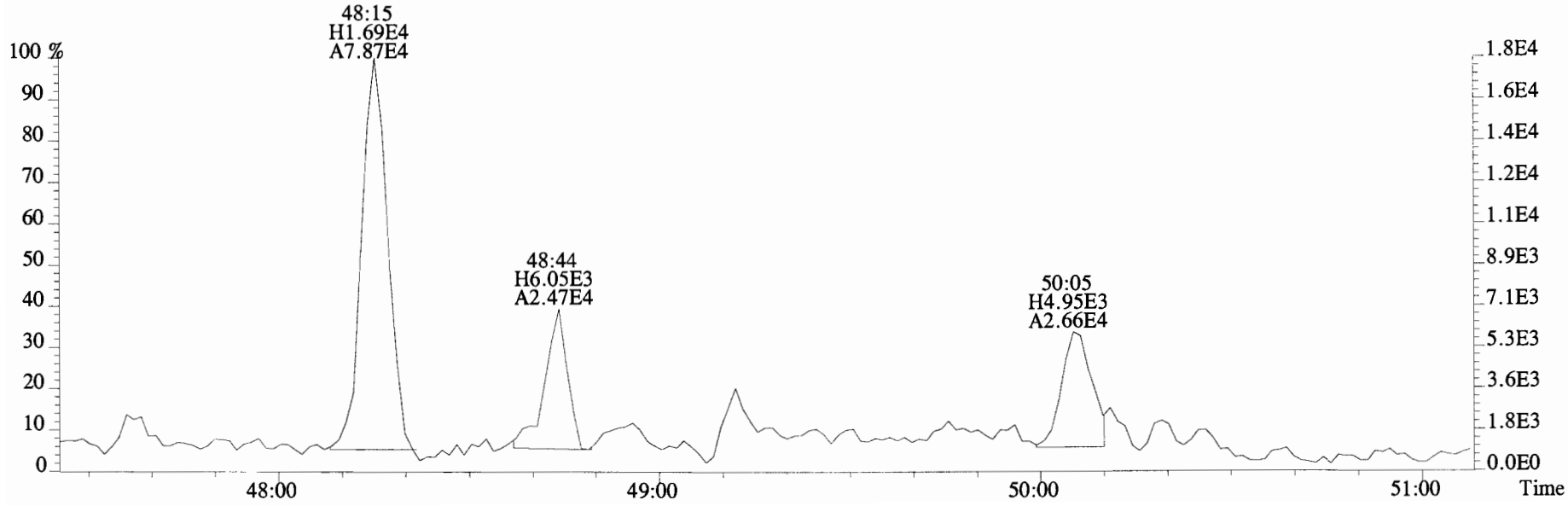
380.9760 S:7 F:4



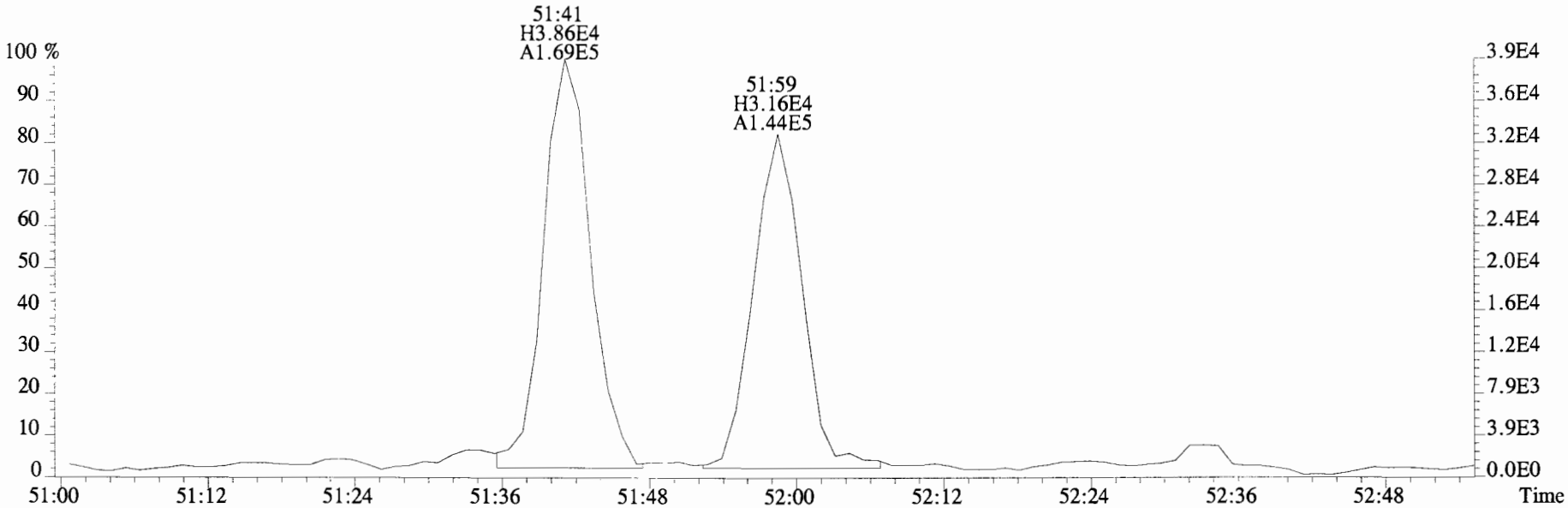
File:180315E1 #1-574 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
427.7635 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1484.0,0.00%,F,F)



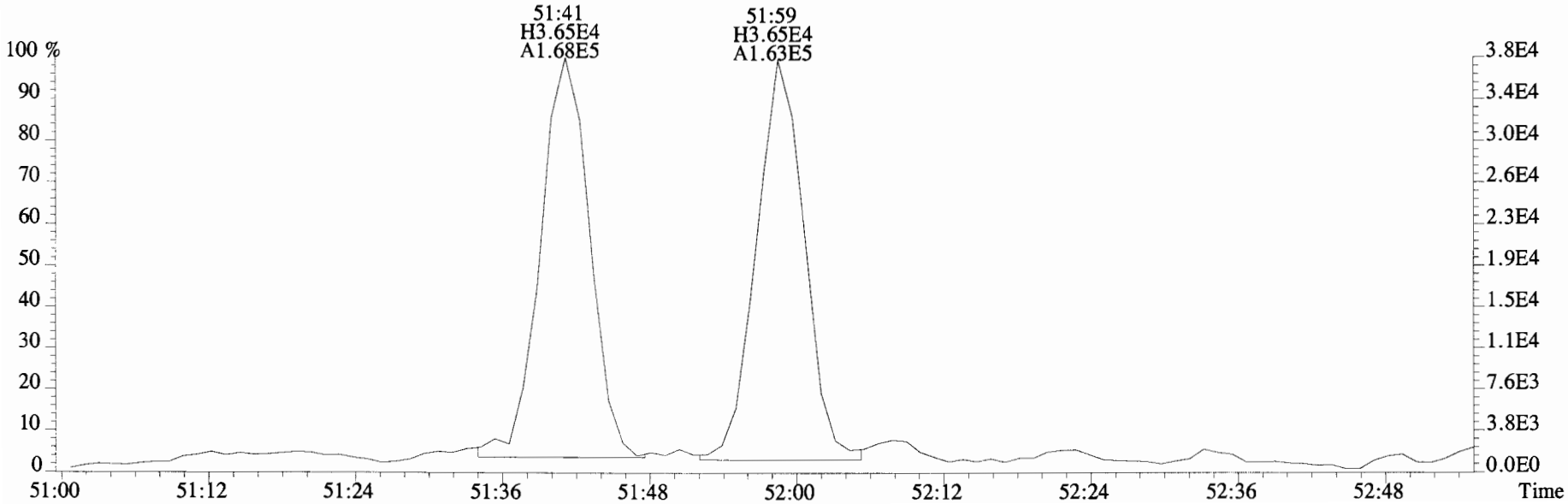
429.7606 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1704.0,0.00%,F,F)



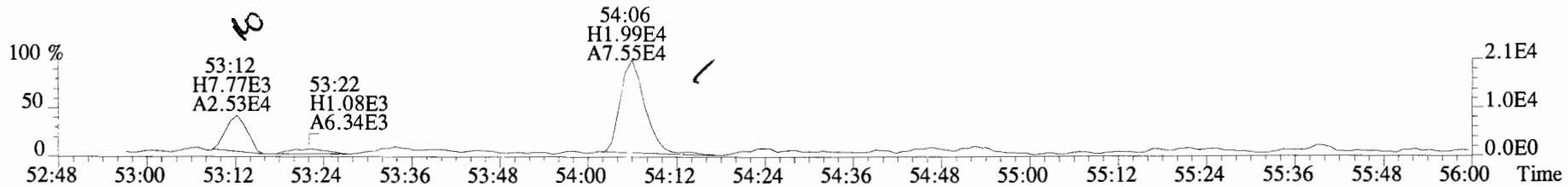
File:180315E1 #1-574 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
427.7635 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1484.0,0.00%,F,F)



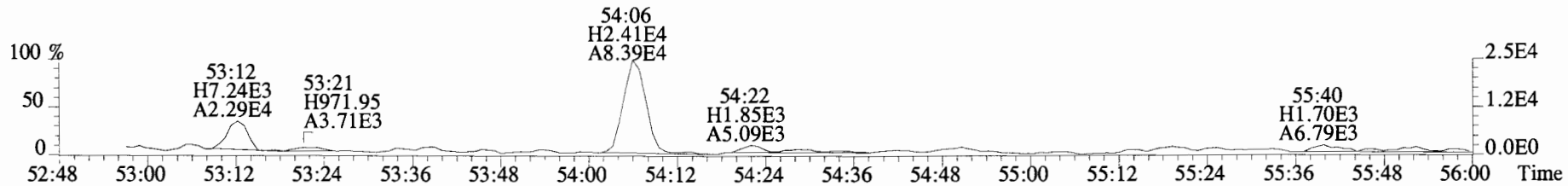
429.7606 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1704.0,0.00%,F,F)



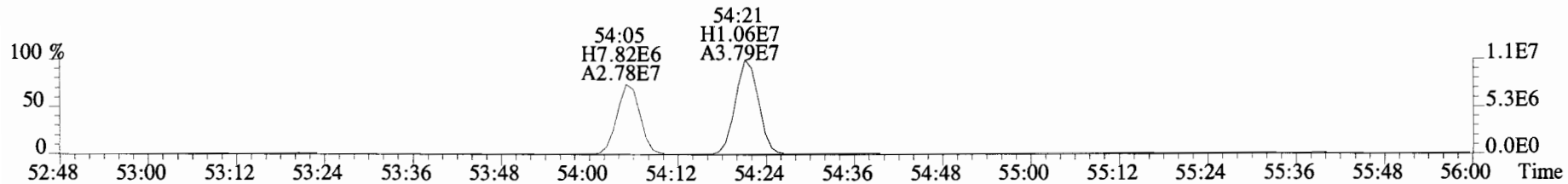
File:180315E1 #1-407 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
427.7635 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1380.0,0.00%,F,F)



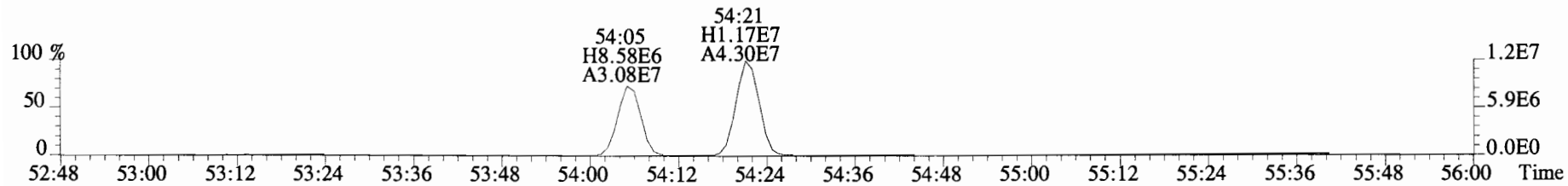
429.7606 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1492.0,0.00%,F,F)



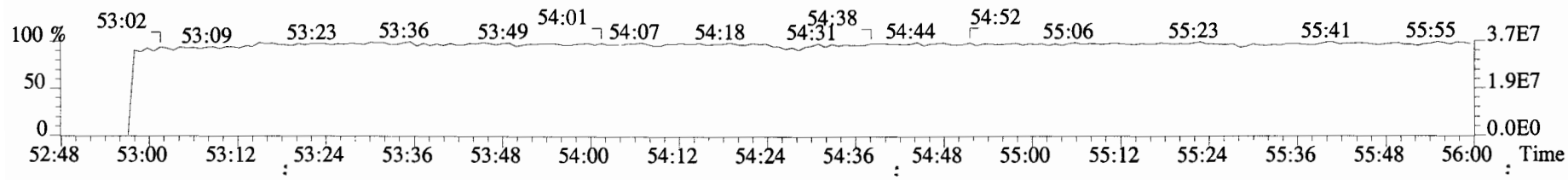
439.8038 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4092.0,0.00%,F,F)



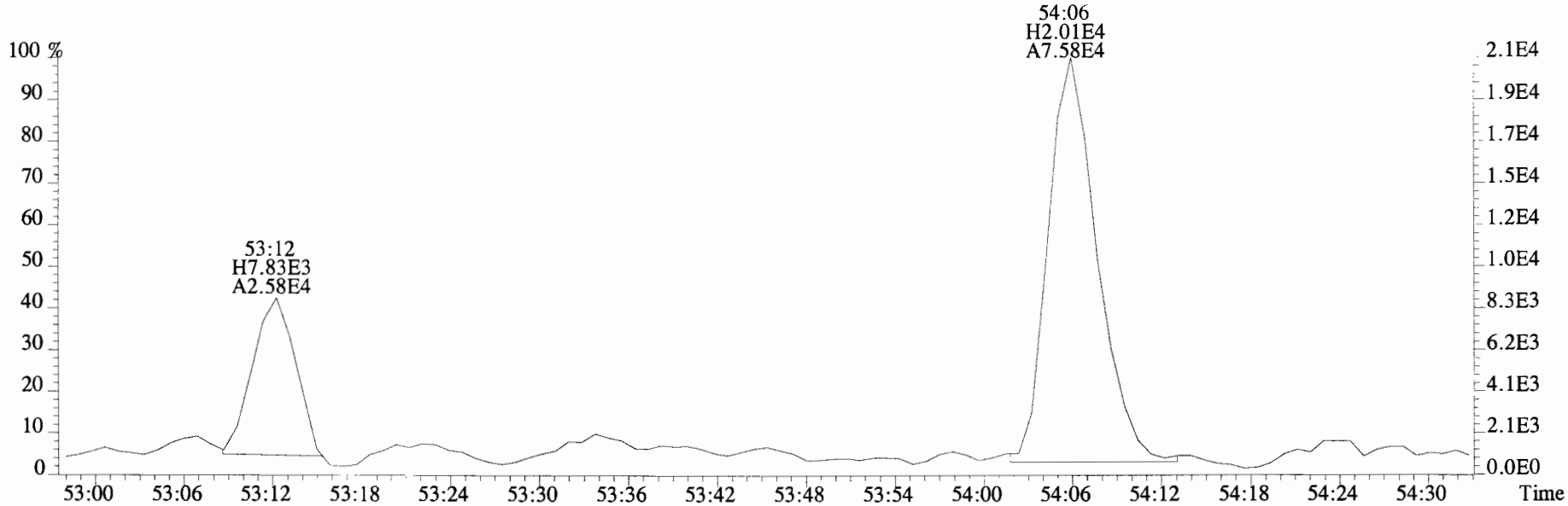
441.8008 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3356.0,0.00%,F,F)



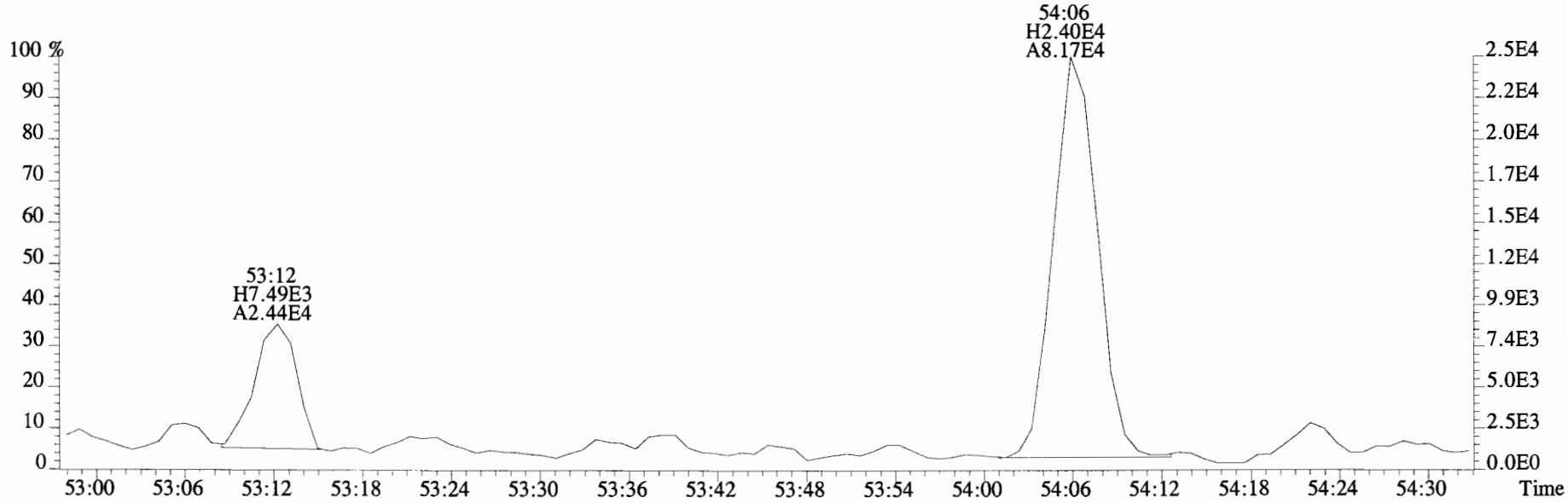
492.9697 S:7 F:5



File:180315E1 #1-407 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
427.7635 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1380.0,0.00%,F,F)

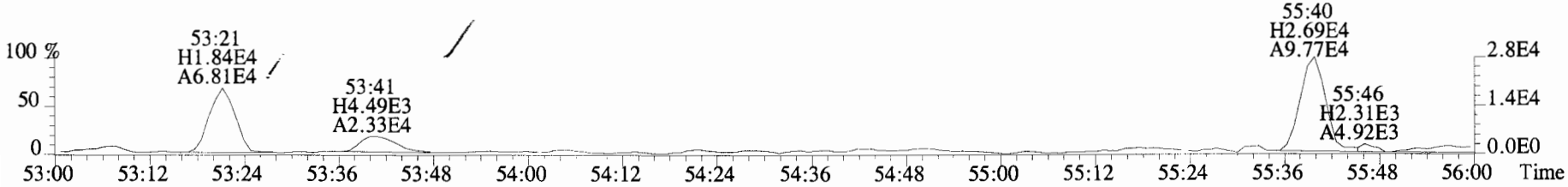


429.7606 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1492.0,0.00%,F,F)

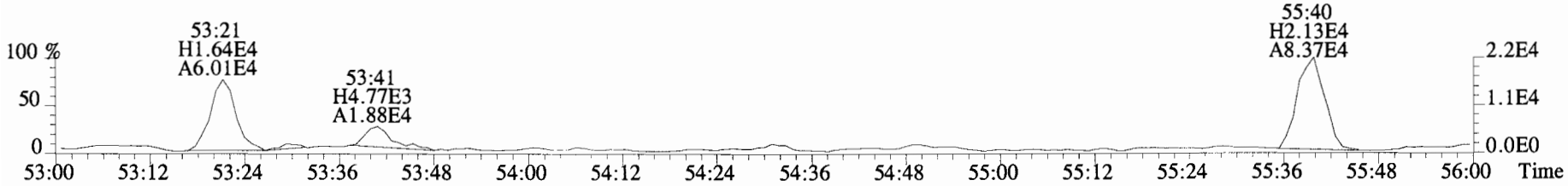


File:180315E1 #1-407 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1

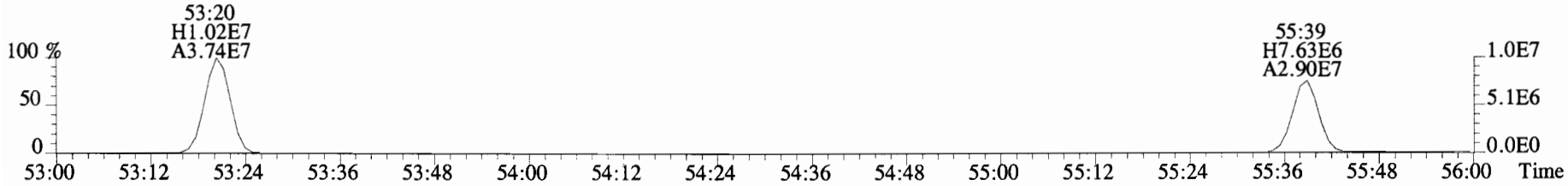
463.7216 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1244.0,0.00%,F,F)



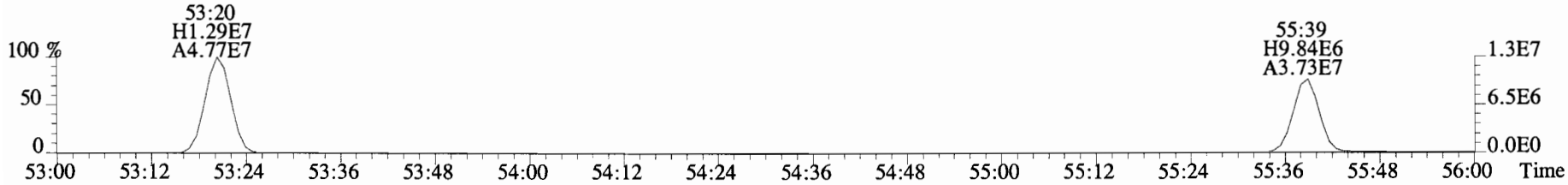
465.7186 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1488.0,0.00%,F,F)



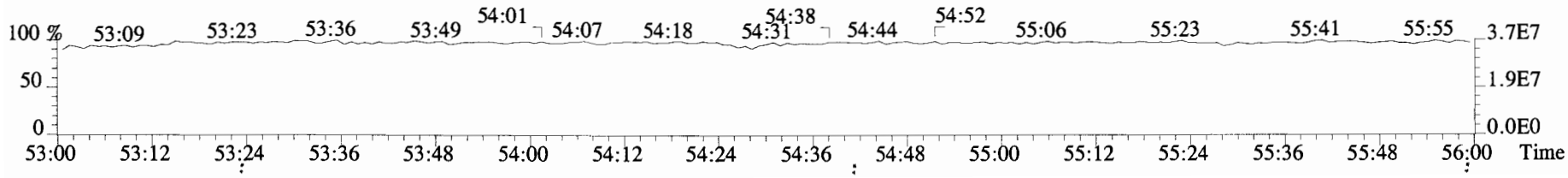
473.7648 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10716.0,0.00%,F,F)



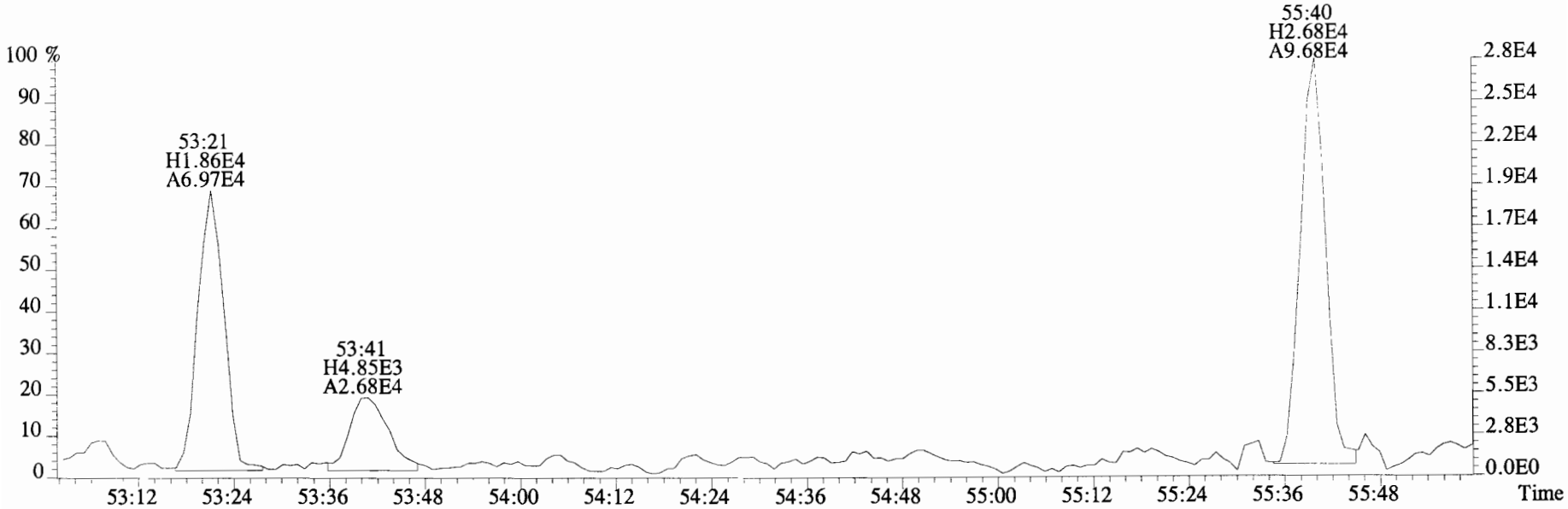
475.7619 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8896.0,0.00%,F,F)



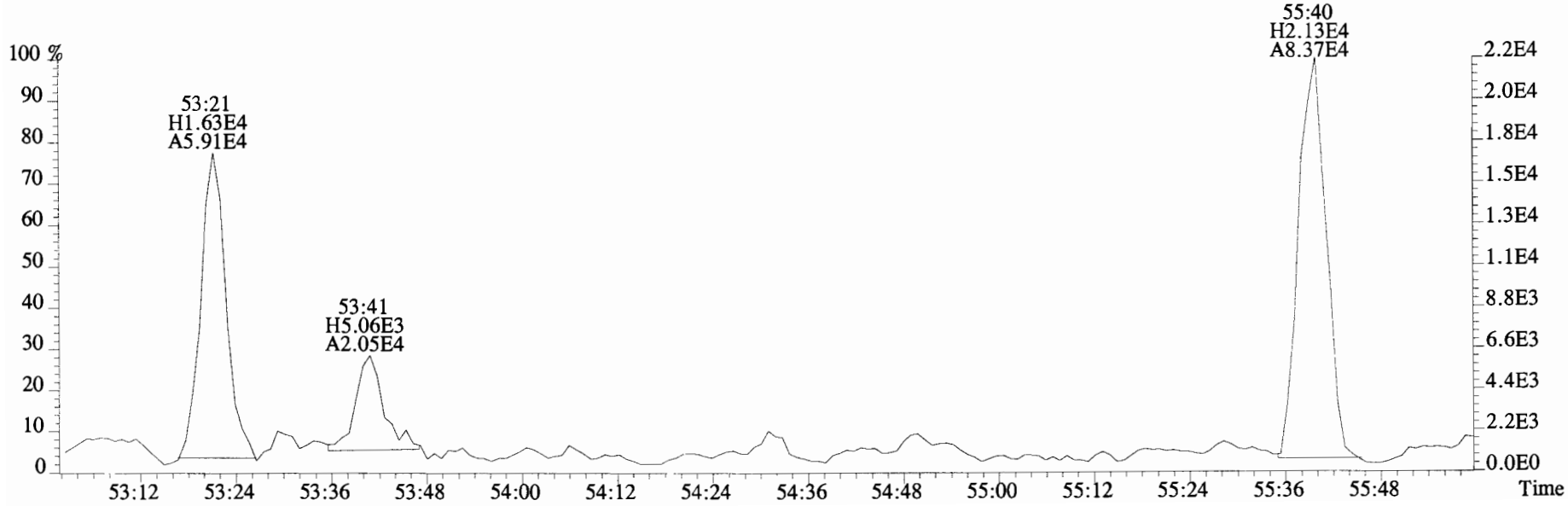
492.9697 S:7 F:5



File:180315E1 #1-407 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
463.7216 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1244.0,0.00%,F,F)

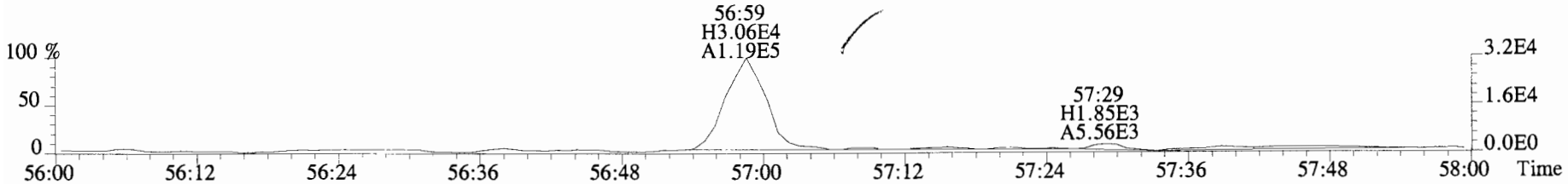


465.7186 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1488.0,0.00%,F,F)

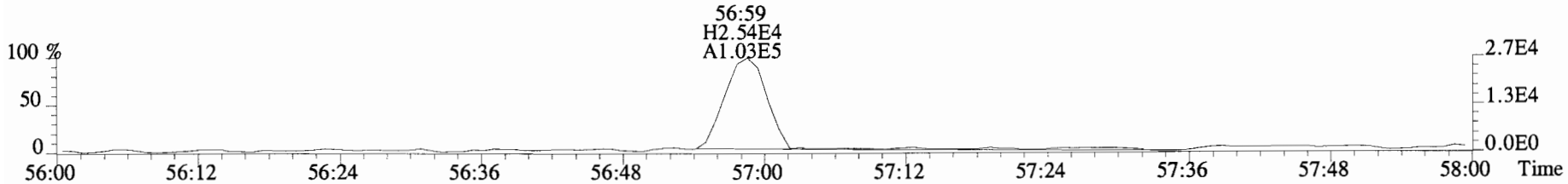


File:180315E1 #1-407 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1

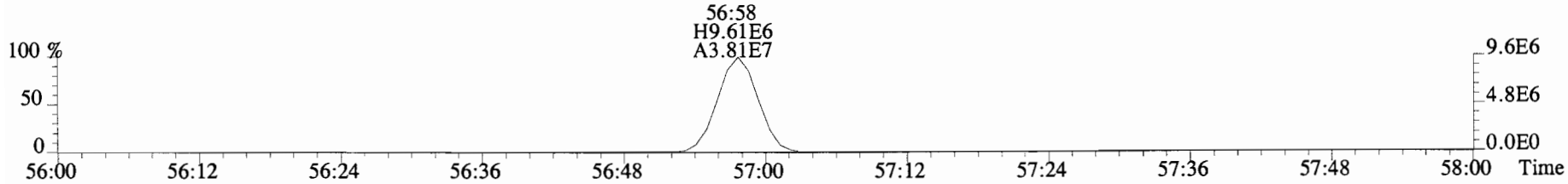
497.6826 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1252.0,0.00%,F,F)



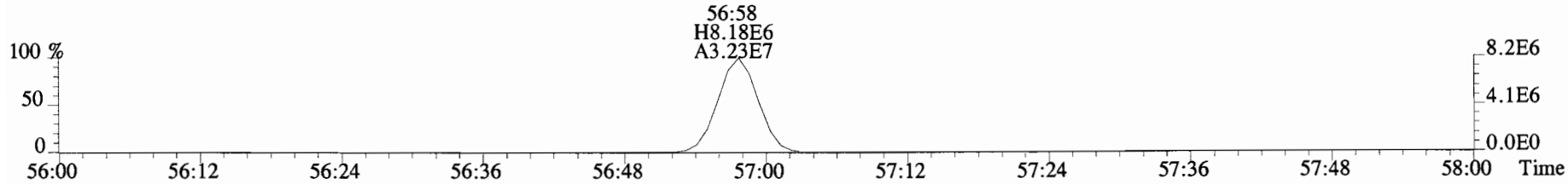
499.6797 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1248.0,0.00%,F,F)



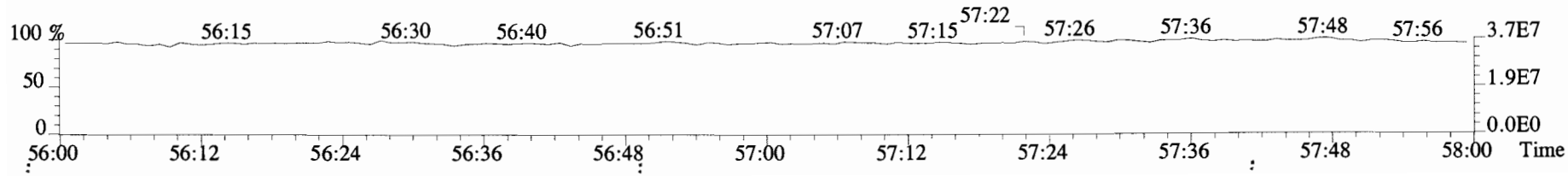
509.7229 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1472.0,0.00%,F,F)



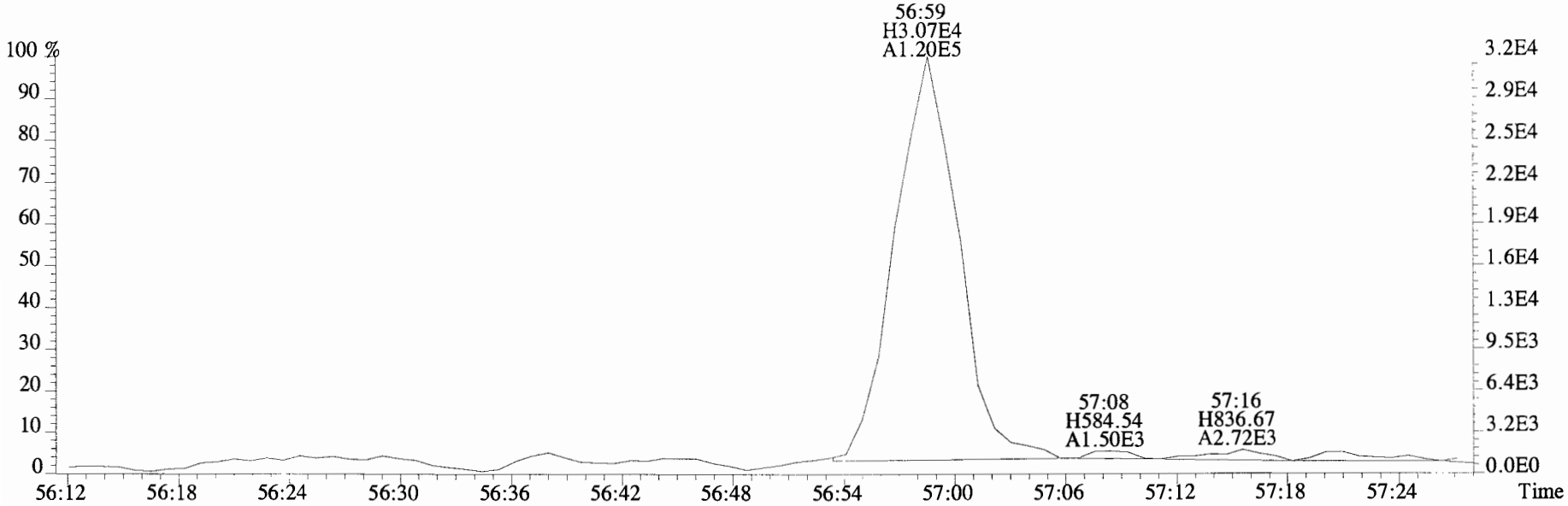
511.7199 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1456.0,0.00%,F,F)



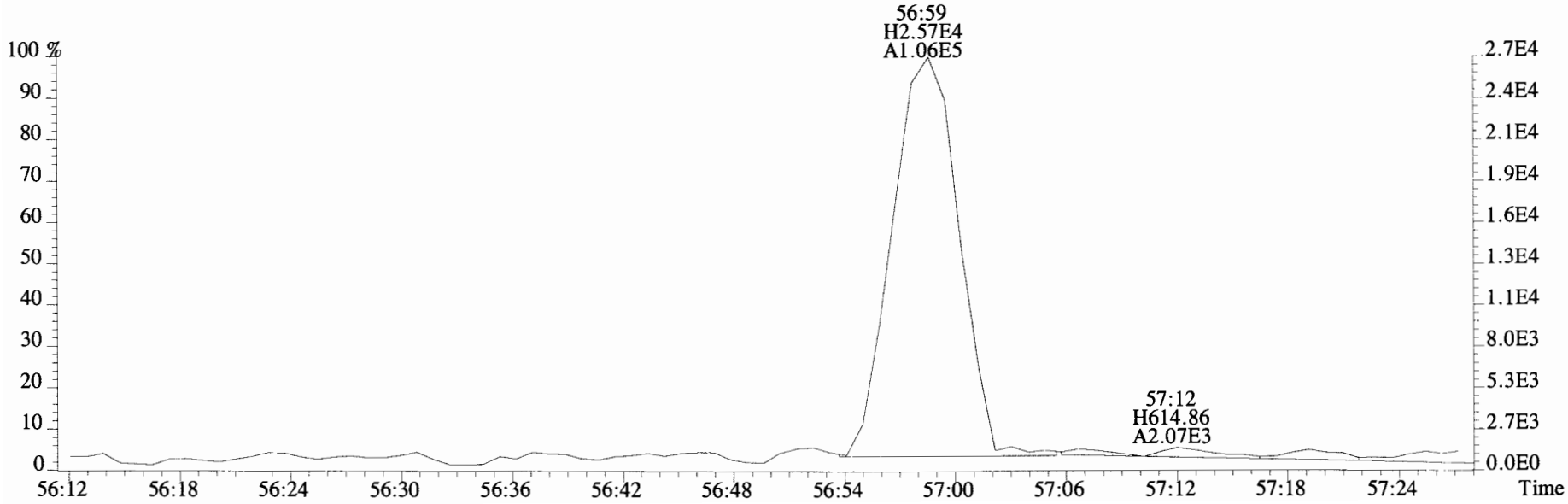
492.9697 S:7 F:5



File:180315E1 #1-407 Acq:15-MAR-2018 16:00:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701075-03 OWS-LHPO-T170816142041 1 Exp:PCB_ZB1
497.6826 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1252.0,0.00%,F,F)



499.6797 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1248.0,0.00%,F,F)



Client ID: OWS-ROTS-T170815152200 Filename: 180315E1 S:8 Acq:15-MAR-18 17:05:20 ConCal: ST180315E1-1
Lab ID: 1701075-04 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 0.992/EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Mono	PCB-1	*	*	n NotF¶	1.07	*		4210	1.0	0.869	*	0.996-1.006
Mono	PCB-2	*	*	n NotF¶	1.06	*		2500	2.5	1.24	*	0.983-0.993
Mono	PCB-3	*	*	n NotF¶	1.06	*		2500	2.5	1.24	*	0.996-1.006
Di	PCB-4/10	4.50e+06	1.51	y 20:02	1.24	110.0		*	2.5	*	1.003	0.998-1.008
Di	PCB-7/9	*	*	n NotF¶	0.99	*		3900	2.5	1.73	*	0.863-0.871
Di	PCB-6	*	*	n NotF¶	1.06	*		7630	2.5	3.17	*	0.888-0.897
Di	PCB-5/8	*	*	n NotF¶	1.03	*		26800	1.0	4.59	*	0.904-0.913
Di	PCB-14	*	*	n NotF¶	1.03	*		3900	2.5	1.61	*	0.948-0.958
Di	PCB-11	4.39e+05	1.36	y 25:12	1.11	6.725		*	2.5	*	1.001	0.996-1.006
Di	PCB-12/13	*	*	n NotF¶	1.02	*		3900	2.5	1.63	*	1.011-1.021
Di	PCB-15	8.72e+05	1.34	y 25:54	1.05	14.08		*	2.5	*	1.029	1.023-1.033
Tri	PCB-19	3.07e+06	1.06	y 24:10	1.20	58.13		*	2.5	*	1.001	0.996-1.006
Tri	PCB-30	*	*	n NotF¶	1.93	*		3280	2.5	0.728	*	1.034-1.044
Tri	PCB-18	2.56e+06	1.06	y 25:49	0.91	41.09		*	2.5	*	0.953	0.948-0.958
Tri	PCB-17	7.11e+05	1.03	y 26:00	0.84	12.39		*	2.5	*	0.960	0.955-0.965
Tri	PCB-24/27	1.44e+06	1.03	y 26:33	1.15	18.33		*	2.5	*	0.980	0.977-0.986
Tri	PCB-16/32	3.83e+06	1.03	y 27:05	1.02	55.09		*	2.5	*	1.000	0.995-1.005
Tri	PCB-34	*	*	n NotF¶	0.96	*		2690	2.5	1.17	*	0.955-0.965
Tri	PCB-23	*	*	n NotF¶	0.95	*		2690	2.5	1.18	*	0.958-0.968
Tri	PCB-29	*	*	n NotF¶	0.96	*		2690	2.5	1.17	*	0.966-0.976
Tri	PCB-26	3.89e+05	1.19	y 28:27	1.00	6.816		*	2.5	*	0.979	0.974-0.984
Tri	PCB-25	1.12e+05	1.08	y 28:36	1.06	1.869		*	2.5	*	0.985	0.980-0.990
Tri	PCB-31	7.02e+05	1.13	y 28:56	1.10	11.25		*	2.5	*	0.996	0.992-1.002
Tri	PCB-28	1.88e+06	1.07	y 29:03	1.14	29.03		*	2.5	*	1.000	0.995-1.005
Tri	PCB-20/21/33	1.32e+05	0.98	y 29:43	1.00	2.341		*	2.5	*	1.023	1.017-1.027
Tri	PCB-22	2.05e+05	1.29	n 30:07	1.09	3.321	R	*	2.5	*	1.037	1.032-1.042
Tri	PCB-36	*	*	n NotF¶	1.15	*		2690	2.5	1.06	*	0.929-0.939
Tri	PCB-39	*	*	n NotF¶	1.07	*		2690	2.5	1.14	*	0.943-0.953
Tri	PCB-38	*	*	n NotF¶	1.10	*		2690	2.5	1.11	*	0.966-0.976
Tri	PCB-35	*	*	n NotF¶	1.12	*		2690	2.5	1.09	*	0.982-0.992
Tri	PCB-37	4.53e+05	1.01	y 32:56	1.11	7.119		*	2.5	*	1.000	0.996-1.006
Tetra	PCB-54	6.92e+04	0.68	y 27:55	1.07	1.071		*	2.5	*	1.000	0.996-1.006
Tetra	PCB-50	*	*	n NotF¶	0.87	*		2980	2.5	1.17	*	1.038-1.048
Tetra	PCB-53	9.10e+05	0.83	y 29:45	1.01	18.73		*	2.5	*	0.946	0.940-0.950
Tetra	PCB-51	4.46e+05	0.77	y 30:06	1.10	8.436		*	2.5	*	0.957	0.952-0.962
Tetra	PCB-45	7.81e+05	0.79	y 30:32	0.87	18.61		*	2.5	*	0.971	0.965-0.975
Tetra	PCB-46	3.39e+05	0.71	y 31:00	0.84	8.422		*	2.5	*	0.985	0.980-0.990

Integrations by:

Analyst: MI

Date: 3/26/18

Reviewed by: [illegible] Date: 3/27/18

CT 3/29/18

Client ID: OWS-ROIS-T170815152200 Filename: 180315E1 S:8 Acq:15-MAR-18 17:05:20 ConCal: ST180315E1-1
Lab ID: 1701075-04 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 0.992 EndCAL: NA

Type	Name	Resp	RA		RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Tetra	PCB-52/69	3.11e+06	0.80	y	31:29	1.21	53.37		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-73	2.90e+04	1.10	n	31:38	1.45	0.4152	R	*	2.5	*	1.006	1.000-1.010
Tetra	PCB-43/49	1.82e+06	0.83	y	31:47	1.01	37.40		*	2.5	*	1.010	1.005-1.015
Tetra	PCB-47	1.56e+06	0.82	y	31:59	0.91	32.30		*	2.5	*	1.000	0.995-1.005
Tetra	PCB-48/75	4.49e+05	0.80	y	32:06	1.13	7.411		*	2.5	*	1.004	0.999-1.009
Tetra	PCB-65	*	*	n	NotF¶	1.27	*		2980	2.5	0.937	*	1.007-1.017
Tetra	PCB-62	*	*	n	NotF¶	1.10	*		2980	2.5	1.09	*	1.011-1.021
Tetra	PCB-44	2.54e+06	0.74	y	32:47	0.85	55.72		*	2.5	*	1.025	1.020-1.030
Tetra	PCB-42/59	1.14e+06	0.79	y	33:00	1.02	20.97		*	2.5	*	1.032	1.027-1.037
Tetra	PCB-41/64/71/72	3.29e+06	0.74	y	33:36	1.17	52.80		*	2.5	*	1.051	1.046-1.056
Tetra	PCB-68	1.95e+05	1.05	n	33:51	1.28	2.855	R	*	2.5	*	1.059	1.054-1.064
Tetra	PCB-40	5.03e+05	0.81	y	34:03	0.62	15.10		*	2.5	*	1.065	1.060-1.070
Tetra	PCB-57	*	*	n	NotF¶	1.13	*		2980	2.5	0.867	*	0.965-0.975
Tetra	PCB-67	9.11e+04	0.80	y	34:44	1.10	1.221		*	2.5	*	0.979	0.973-0.983
Tetra	PCB-58	*	*	n	NotF¶	1.12	*		2980	2.5	0.871	*	0.977-0.987
Tetra	PCB-63	1.33e+05	0.78	y	35:00	1.00	1.965		*	2.5	*	0.986	0.981-0.991
Tetra	PCB-74	1.02e+06	0.74	y	35:17	1.18	12.72		*	2.5	*	0.994	0.989-0.999
Tetra	PCB-61/70	1.32e+06	0.76	y	35:30	1.03	19.03		*	2.5	*	1.000	0.994-1.004
Tetra	PCB-76/66	1.73e+06	0.78	y	35:42	1.13	22.59		*	2.5	*	1.006	1.000-1.010
Tetra	PCB-80	*	*	n	NotF¶	1.19	*		2980	2.5	0.815	*	0.995-1.005
Tetra	PCB-55	*	*	n	NotF¶	1.16	*		2980	2.5	0.839	*	1.004-1.014
Tetra	PCB-56/60	1.38e+06	0.77	y	36:44	1.04	19.39		*	2.5	*	1.023	1.018-1.028
Tetra	PCB-79	*	*	n	NotF¶	1.17	*		2980	2.5	0.832	*	1.047-1.057
Tetra	PCB-78	*	*	n	NotF¶	1.10	*		2980	2.5	0.980	*	0.982-0.992
Tetra	PCB-81	*	*	n	NotF¶	0.97	*		2980	2.5	1.12	*	0.995-1.005
Tetra	PCB-77	1.29e+05	0.59	n	39:36	1.08	1.874	R	*	2.5	*	1.000	0.995-1.005
Penta	PCB-104	*	*	n	NotF¶	1.08	*		2090	2.5	1.07	*	0.996-1.006
Penta	PCB-96	4.39e+04	1.18	n	33:53	1.13	0.7055	R	*	2.5	*	1.039	1.034-1.044
Penta	PCB-103	*	*	n	NotF¶	0.91	*		2090	2.5	1.27	*	1.051-1.061
Penta	PCB-100	*	*	n	NotF¶	0.93	*		2090	2.5	1.25	*	1.062-1.072
Penta	PCB-94	*	*	n	NotF¶	0.91	*		2090	2.5	1.60	*	0.981-0.991
Penta	PCB-95/98/102	1.00e+06	1.54	y	35:48	1.17	18.74		*	2.5	*	1.001	0.994-1.004
Penta	PCB-93	*	*	n	NotF¶	0.93	*		2090	2.5	1.58	*	0.997-1.007
Penta	PCB-88/91	1.96e+05	1.67	y	36:12	0.97	4.410		*	2.5	*	1.012	1.005-1.015
Penta	PCB-121	*	*	n	NotF¶	1.68	*		2090	2.5	0.871	*	1.009-1.019
Penta	PCB-84/92	4.88e+05	1.52	y	37:06	0.97	10.67		*	2.5	*	0.990	0.985-0.995
Penta	PCB-89	*	*	n	NotF¶	1.06	*		2090	2.5	1.38	*	0.990-1.000

Analyst: MJ

Date: 3/26/18

Client ID: OWS-ROIS-T170815152200 Filename: 180315E1 S:8 Acq:15-MAR-18 17:05:20 ConCal: ST180315E1-1
Lab ID: 1701075-04 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 0.992 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Penta	PCB-90/101	8.59e+05	1.58	y 37:29	1.08	16.97		*	2.5	*	1.000	0.995-1.005
Penta	PCB-113	*	*	n NotF¶	1.48	*		2090	2.5	0.996	*	1.002-1.012
Penta	PCB-99	4.56e+05	1.44	y 37:48	1.25	7.740		*	2.5	*	1.009	1.004-1.014
Penta	PCB-119	3.00e+04	1.53	y 38:17	1.70	0.4189		2600	2.5	1.17	0.987	0.982-0.992
Penta	PCB-108/112	4.86e+04	1.97	n 38:27	1.40	0.8216	R, I	*	2.5	*	0.992	0.986-0.996
Penta	PCB-83	*	*	n NotF¶	1.75	*		2090	2.5	0.909	*	0.990-1.000
Penta	PCB-97	3.12e+05	1.54	y 38:47	1.17	6.295		*	2.5	*	1.000	0.995-1.005
Penta	PCB-86	*	*	n NotF¶	1.08	*		2090	2.5	1.47	*	0.999-1.009
Penta	PCB-87/117/125	4.03e+05	1.68	y 39:04	1.55	6.164		*	2.5	*	1.008	1.002-1.012
Penta	PCB-111/115	*	*	n NotF¶	1.79	*		2090	2.5	0.889	*	1.006-1.016
Penta	PCB-85/116	2.09e+05	1.41	y 39:19	1.29	3.831		*	2.5	*	1.014	1.009-1.019
Penta	PCB-120	*	*	n NotF¶	1.98	*		2090	2.5	0.804	*	1.016-1.026
Penta	PCB-110	1.20e+06	1.44	y 39:43	1.69	16.96		*	2.5	*	1.024	1.020-1.030
Penta	PCB-82	1.64e+05	1.37	y 40:21	0.81	3.555		*	2.5	*	0.976	0.972-0.982
Penta	PCB-124	*	*	n NotF¶	1.30	*		2600	2.5	1.16	*	0.988-0.998
Penta	PCB-107/109	5.59e+04	1.65	y 41:12	1.31	0.7450		*	2.5	*	0.997	0.991-1.001
Penta	PCB-123	*	*	n NotF¶	1.12	*		2090	2.5	1.07	*	0.996-1.006
Penta	PCB-106/118	7.07e+05	1.76	y 41:32	1.18	10.01		*	2.5	*	1.000	0.996-1.006
Penta	PCB-114	*	*	n NotF¶	1.11	*		1670	2.5	1.13	*	0.995-1.005
Penta	PCB-122	*	*	n NotF¶	1.03	*		1670	2.5	1.22	*	0.999-1.009
Penta	PCB-105	2.90e+05	1.53	y 43:02	1.12	5.921		*	2.5	*	1.000	0.995-1.005
Penta	PCB-127	*	*	n NotF¶	1.12	*		1670	2.5	1.12	*	0.995-1.005
Penta	PCB-126	*	*	n NotF¶	1.20	*		1670	2.5	1.20	*	0.995-1.005
Hexa	PCB-155	*	*	n NotF¶	0.99	*		1930	2.5	0.875	*	0.995-1.005
Hexa	PCB-150	*	*	n NotF¶	1.02	*		1930	2.5	0.843	*	1.030-1.040
Hexa	PCB-152	*	*	n NotF¶	1.16	*		1930	2.5	0.747	*	1.042-1.052
Hexa	PCB-145	*	*	n NotF¶	1.13	*		1930	2.5	0.765	*	1.054-1.064
Hexa	PCB-136	7.87e+04	1.02	n 39:31	1.02	1.248	R	*	2.5	*	1.068	1.063-1.073
Hexa	PCB-148	*	*	n NotF¶	0.77	*		1930	2.5	1.12	*	1.066-1.076
Hexa	PCB-154	*	*	n NotF¶	0.88	*		1930	2.5	0.987	*	1.079-1.089
Hexa	PCB-151	9.41e+04	1.07	y 40:46	0.75	2.030		*	2.5	*	1.102	1.095-1.107
Hexa	PCB-135	5.88e+04	1.09	y 40:58	0.86	1.109		*	2.5	*	1.107	1.101-1.113
Hexa	PCB-144	*	*	n NotF¶	0.77	*		1930	2.5	1.13	*	1.105-1.116
Hexa	PCB-147	*	*	n NotF¶	0.80	*		1930	2.5	1.07	*	1.108-1.120
Hexa	PCB-139/149	3.27e+05	1.08	y 41:29	0.88	6.025		*	2.5	*	1.121	1.115-1.127
Hexa	PCB-140	*	*	n NotF¶	0.77	*		1930	2.5	1.12	*	1.120-1.132
Hexa	PCB-134/143	2.14e+04	1.09	y 42:08	0.76	0.5059		*	2.5	*	0.976	0.970-0.980

Analyst: MI

Date: 3/26/18

Client ID: OWS-ROIS-T170815152200 Filename: 180315E1 S:8 Acq:15-MAR-18 17:05:20 ConCal: ST180315E1-1
Lab ID: 1701075-04 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 0.992 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hexa	PCB-131/133	*	*	n NotF¶	0.82	*		1950	2.5	1.21	*	0.977-0.987
Hexa	PCB-142	*	*	n NotF¶	0.73	*		1950	2.5	1.35	*	0.981-0.991
Hexa	PCB-146/165	6.99e+04	1.38	y 42:48	1.02	1.234		*	2.5	*	0.991	0.986-0.996
Hexa	PCB-132/161	1.50e+05	1.40	y 43:04	1.00	2.686		*	2.5	*	0.997	0.992-1.002
Hexa	PCB-153	4.23e+05	1.39	y 43:12	1.08	7.072		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-168	*	*	n NotF¶	1.12	*		1950	2.5	0.884	*	1.000-1.010
Hexa	PCB-141	7.12e+04	1.09	y 43:56	1.02	1.504		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-137	2.31e+04	1.08	y 44:19	1.10	0.4503		*	2.5	*	1.009	1.004-1.014
Hexa	PCB-130	4.30e+04	1.30	y 44:25	0.81	1.147		*	2.5	*	1.011	1.007-1.017
Hexa	PCB-138/163/164	4.91e+05	1.17	y 44:47	1.23	8.086		*	2.5	*	1.000	0.996-1.006
Hexa	PCB-158/160	4.24e+04	1.13	y 45:01	1.18	0.7299		*	2.5	*	1.006	1.001-1.011
Hexa	PCB-129	*	*	n NotF¶	0.78	*		1950	2.5	1.46	*	1.007-1.017
Hexa	PCB-166	*	*	n NotF¶	1.13	*		1950	2.5	0.891	*	0.988-0.998
Hexa	PCB-159	*	*	n NotF¶	1.16	*		1950	2.5	0.867	*	0.995-1.005
Hexa	PCB-128/162	8.39e+04	1.14	y 46:20	0.89	1.615		*	2.5	*	1.006	1.002-1.012
Hexa	PCB-167	*	*	n NotF¶	1.02	*		1950	2.5	0.969	*	0.995-1.005
Hexa	PCB-156	5.16e+04	1.31	y 48:01	1.06	0.8600		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-157	*	*	n NotF¶	1.02	*		1950	2.5	1.05	*	0.996-1.006
Hexa	PCB-169	*	*	n NotF¶	1.13	*		1950	2.5	0.989	*	0.995-1.005
Hepta	PCB-188	*	*	n NotF¶	1.37	*		1820	2.5	0.532	*	0.995-1.005
Hepta	PCB-184	*	*	n NotF¶	1.32	*		1820	2.5	0.554	*	1.006-1.016
Hepta	PCB-179	4.45e+04	0.80	n 44:03	1.38	0.6931	R	*	2.5	*	1.029	1.024-1.034
Hepta	PCB-176	*	*	n NotF¶	1.31	*		1820	2.5	0.558	*	1.035-1.045
Hepta	PCB-186	*	*	n NotF¶	1.42	*		1820	2.5	0.515	*	1.049-1.059
Hepta	PCB-178	*	*	n NotF¶	0.97	*		1820	2.5	0.754	*	1.060-1.070
Hepta	PCB-175	*	*	n NotF¶	1.00	*		1820	2.5	0.732	*	1.069-1.079
Hepta	PCB-182/187	7.27e+04	0.82	n 46:07	1.14	1.372	R	*	2.5	*	1.077	1.072-1.082
Hepta	PCB-183	4.11e+04	1.25	n 46:25	1.13	0.7850	R	*	2.5	*	1.084	1.080-1.090
Hepta	PCB-185	*	*	n NotF¶	1.36	*		1820	2.5	0.786	*	0.950-0.960
Hepta	PCB-174	6.73e+04	0.93	y 47:28	1.42	1.446		*	2.5	*	0.963	0.958-0.968
Hepta	PCB-181	*	*	n NotF¶	1.48	*		1820	2.5	0.722	*	0.960-0.970
Hepta	PCB-177	3.91e+04	0.96	y 47:44	1.33	0.8960		*	2.5	*	0.968	0.963-0.973
Hepta	PCB-171	*	*	n NotF¶	1.37	*		1820	2.5	0.777	*	0.969-0.979
Hepta	PCB-173	*	*	n NotF¶	1.27	*		1820	2.5	0.840	*	0.978-0.988
Hepta	PCB-172	*	*	n NotF¶	1.39	*		1820	2.5	0.768	*	0.987-0.997
Hepta	PCB-192	*	*	n NotF¶	1.80	*		1820	2.5	0.590	*	0.991-1.001
Hepta	PCB-180	1.07e+05	0.94	y 49:19	1.52	2.142		*	2.5	*	1.000	0.995-1.005

Analyst: MI

Date: 3/26/18

Client ID: OWS-ROIS-T170815152200 Filename: 180315E1 S:8 Acq:15-MAR-18 17:05:20 ConCal: ST180315E1-1
Lab ID: 1701075-04 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 0.992 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hepta	PCB-193	*	*	n NotF¶	1.71	*		1820	2.5	0.622	*	0.999-1.009
Hepta	PCB-191	*	*	n NotF¶	1.74	*		1820	2.5	0.612	*	1.005-1.015
Hepta	PCB-170	5.46e+04	1.08	y 50:55	1.44	1.327		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-190	*	*	n NotF¶	1.95	*		2900	2.5	0.949	*	0.999-1.009
Hepta	PCB-189	*	*	n NotF¶	1.46	*		2900	2.5	0.881	*	0.995-1.005
Octa	PCB-202	*	*	n NotF¶	1.06	*		2080	2.5	0.919	*	0.995-1.005
Octa	PCB-201	*	*	n NotF¶	0.98	*		2080	2.5	0.997	*	1.006-1.016
Octa	PCB-204	*	*	n NotF¶	1.07	*		2080	2.5	0.910	*	1.009-1.019
Octa	PCB-197	*	*	n NotF¶	1.10	*		2080	2.5	0.887	*	1.015-1.025
Octa	PCB-200	*	*	n NotF¶	1.04	*		2080	2.5	0.935	*	1.034-1.044
Octa	PCB-198	*	*	n NotF¶	0.84	*		2080	2.5	1.16	*	1.065-1.075
Octa	PCB-199	2.90e+04	0.55	n 51:40	0.80	0.6877	R	*	2.5	*	1.071	1.067-1.077
Octa	PCB-196/203	2.51e+04	0.73	n 51:59	0.84	0.5665	R	*	2.5	*	1.078	1.072-1.082
Octa	PCB-195	*	*	n NotF¶	1.04	*		1810	2.5	1.02	*	0.979-0.989
Octa	PCB-194	5.16e+04	0.88	y 54:06	1.16	1.500		*	2.5	*	1.000	0.995-1.005
Octa	PCB-205	*	*	n NotF¶	1.33	*		1810	2.5	0.796	*	1.000-1.010
Nona	PCB-208	*	*	n NotF¶	0.90	*		1630	2.5	0.691	*	0.995-1.005
Nona	PCB-207	*	*	n NotF¶	0.89	*		1630	2.5	0.697	*	1.001-1.011
Nona	PCB-206	*	*	n NotF¶	0.88	*		1630	2.5	0.927	*	0.995-1.005
Deca	PCB-209	*	*	n NotF¶	1.04	*		1520	2.5	0.862	*	0.995-1.005

Analyst: MJ

Date: 3/26/18

Client ID: OWS-ROIS-T170815152200 Filename: 180315E1 S:8 Acq:15-MAR-18 17:05:20 ConCal: ST180315E1-1
Lab ID: 1701075-04 GC Column ID: 7B-1 ICal: PCBVG8-2-8-18 wt/vol: 0.992 EndCAL: NA

Name	Resp	RA		RT	RRF	Conc	
Total Mono-PCB	*	*	n	NotFnd	1.06	*	
Total Di-PCB	5.81e+06	1.51	y	20:02	1.04	130.830	
Total Tri-PCB	1.16e+07	1.06	y	24:10	1.15	185.028	
Total Tri-PCB	3.67e+06	1.19	y	28:27	1.05	58.4280	Sum:243.456
Total Tetra-PCB	2.26e+07	0.68	y	27:55	1.06	407.255	
Total Penta-PCB	6.09e+06	1.54	y	35:48	1.18	106.511	
Total Penta-PCB	2.90e+05	1.53	y	43:02	1.12	5.92117	Sum:112.432
Total Hexa-PCB	4.80e+05	1.07	y	40:46	0.91	9.16399	
Total Hexa-PCB	1.47e+06	1.09	y	42:08	1.00	25.8892	Sum:35.0532
Total Hepta-PCB	2.68e+05	0.93	y	47:28	1.35	5.81069	
Total Octa-PCB	*	*	n	NotFnd	0.95	*	
Total Octa-PCB	5.16e+04	0.88	y	54:06	1.17	1.49970	Sum:1.49970
Total Nona-PCB	*	*	n	NotFnd	0.89	*	
Total Deca-PCB	*	*	n	NotFnd	1.04	*	

Total PCB Conc:951.681009000

Integrations by Analyst: M

Date: 3/26/18

Client ID: OWS-ROIS-T170815152200 Filename: 180315E1 S:8 Acq:15-MAR-18 17:05:20 ConCal: ST180315E1-1
Lab ID: 1701075-04 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol:0.9915 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-1	1.14e+08	3.14 y	1.13	16:00	0.618	0.616	0.622	1270	62.8
13C-PCB-3	1.25e+08	3.09 y	1.21	18:38	0.720	0.716	0.724	1300	64.4
13C-PCB-4	6.67e+07	1.57 y	0.59	19:59	0.772	0.769	0.777	1410	70.0
13C-PCB-9	1.08e+08	1.55 y	0.94	21:47	0.842	0.837	0.845	1440	71.6
13C-PCB-11	1.18e+08	1.56 y	0.95	25:11	0.973	0.968	0.978	1570	77.9
13C-PCB-19	8.91e+07	1.04 y	0.62	24:09	0.933	0.928	0.938	1800	89.1
13C-PCB-28	1.15e+08	1.05 y	1.05	29:03	1.004	0.999	1.009	1610	79.8
13C-PCB-32	1.38e+08	1.06 y	0.91	27:05	1.046	1.041	1.051	1900	94.2
13C-PCB-37	1.15e+08	1.04 y	1.02	32:56	1.138	1.132	1.144	1670	82.6
13C-PCB-47	1.08e+08	0.79 y	0.83	31:58	0.871	0.867	0.875	1670	82.8
13C-PCB-52	9.70e+07	0.79 y	0.76	31:28	0.857	0.853	0.861	1640	81.3
13C-PCB-54	1.21e+08	0.79 y	0.93	27:55	0.760	0.756	0.764	1690	83.7
13C-PCB-70	1.37e+08	0.78 y	1.00	35:29	0.966	0.961	0.971	1770	87.7
13C-PCB-77	1.28e+08	0.79 y	0.96	39:36	1.078	1.073	1.083	1720	85.4
13C-PCB-80	1.38e+08	0.79 y	1.00	35:55	0.978	0.973	0.983	1790	88.5
13C-PCB-81	1.35e+08	0.79 y	1.01	39:01	1.062	1.057	1.067	1730	85.8
13C-PCB-95	9.22e+07	1.58 y	0.80	35:47	0.913	0.908	0.918	1740	86.2
13C-PCB-97	8.50e+07	1.57 y	0.70	38:46	0.989	0.984	0.994	1830	90.9
13C-PCB-101	9.48e+07	1.60 y	0.80	37:28	0.956	0.951	0.961	1790	88.7
13C-PCB-104	1.11e+08	1.56 y	1.01	32:37	0.832	0.828	0.836	1670	82.6
13C-PCB-105	8.80e+07	1.57 y	1.14	43:02	0.929	0.924	0.934	1610	79.8
13C-PCB-114	9.02e+07	1.59 y	1.18	42:10	0.911	0.905	0.915	1590	78.9
13C-PCB-118	1.21e+08	1.59 y	1.00	41:31	1.059	1.054	1.064	1830	90.9
13C-PCB-123	1.15e+08	1.58 y	0.95	41:20	1.054	1.049	1.059	1840	91.5
13C-PCB-126	8.51e+07	1.56 y	1.14	45:16	0.978	0.972	0.982	1560	77.5
13C-PCB-127	9.55e+07	1.57 y	1.24	43:22	0.937	0.931	0.941	1600	79.5
13C-PCB-138	9.92e+07	1.26 y	1.17	44:46	0.967	0.962	0.972	1760	87.4
13C-PCB-141	9.38e+07	1.28 y	1.11	43:55	0.948	0.944	0.954	1770	87.6
13C-PCB-153	1.12e+08	1.24 y	1.34	43:11	0.933	0.928	0.938	1750	86.8
13C-PCB-155	1.24e+08	1.24 y	0.83	37:01	0.944	0.939	0.949	2280	113
13C-PCB-156	1.14e+08	1.25 y	1.38	48:01	1.037	1.032	1.042	1720	85.1
13C-PCB-157	1.15e+08	1.26 y	1.37	48:17	1.043	1.037	1.047	1740	86.5
13C-PCB-159	1.18e+08	1.27 y	1.39	46:03	0.994	0.989	0.999	1770	87.6
13C-PCB-167	1.18e+08	1.26 y	1.40	46:44	1.009	1.004	1.014	1760	87.1
13C-PCB-169	1.10e+08	1.25 y	1.39	50:30	1.091	1.085	1.095	1650	81.7
13C-PCB-170	5.78e+07	0.47 y	0.86	50:54	1.103	1.097	1.109	1810	90.0
13C-PCB-180	6.64e+07	0.45 y	0.98	49:18	1.069	1.064	1.074	1830	90.7
13C-PCB-188	9.36e+07	0.46 y	1.40	42:49	0.928	0.923	0.933	1800	89.4
13C-PCB-189	7.54e+07	0.46 y	1.15	52:31	1.138	1.132	1.144	1770	87.7
13C-PCB-194	5.99e+07	0.92 y	0.77	54:05	0.995	0.990	1.000	1790	88.9
13C-PCB-202	1.06e+08	0.90 y	1.28	48:14	1.045	1.040	1.050	2240	111
13C-PCB-206	6.83e+07	0.78 y	0.81	55:39	1.024	1.019	1.029	1950	96.5
13C-PCB-208	8.89e+07	0.79 y	1.09	53:20	0.981	0.977	0.987	1870	92.9
13C-PCB-209	7.47e+07	1.21 y	0.74	56:58	1.048	1.043	1.053	2340	116

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.52e+08	0.79 y	1.03	37:47	1.029	1.024	1.034	1900	94.2
13C-PCB-178	7.08e+07	0.44 y	0.93	45:36	0.985	0.980	0.990	2060	102

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.52e+08	0.79 y	1.03	37:47	0.969	0.963	0.973	2210	110
13C-PCB-178	7.08e+07	0.44 y	0.95	45:36	0.925	0.920	0.930	2260	112

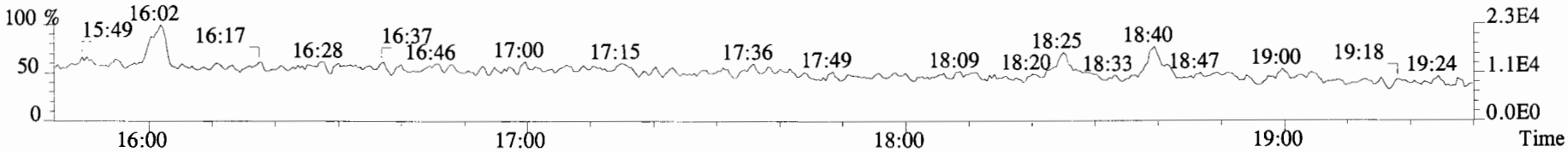
RS

Name	Resp	RA	RRF	RT	Conc
13C-PCB-15	1.60e+08	1.56 y	1.00	25:53	2020
13C-PCB-31	1.37e+08	1.04 y	1.00	28:56	2020
13C-PCB-60	1.56e+08	0.79 y	1.00	36:43	2020
13C-PCB-111	1.33e+08	1.56 y	1.00	39:12	2020
13C-PCB-128	9.66e+07	1.26 y	1.00	46:19	2020
13C-PCB-182	7.49e+07	0.45 y	1.00	46:08	2020
13C-PCB-205	8.76e+07	0.90 y	1.00	54:21	2020

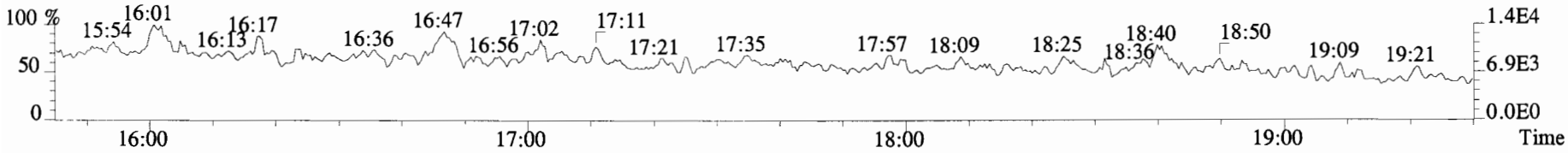
Analyst: MN

Date: 3/26/18

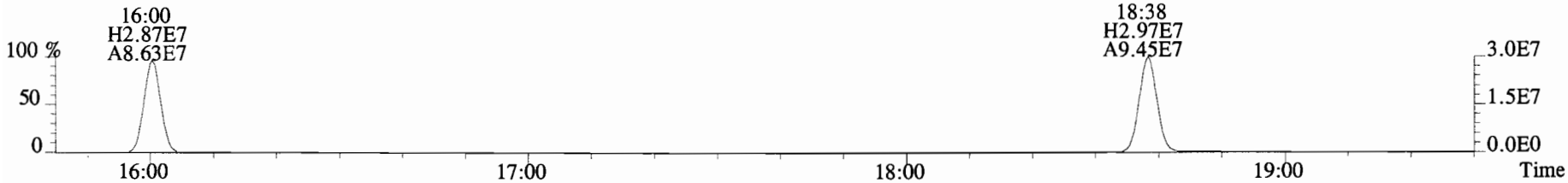
File:180315E1 #1-867 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
188.0393 S:8 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15340.0,0.00%,F,F)



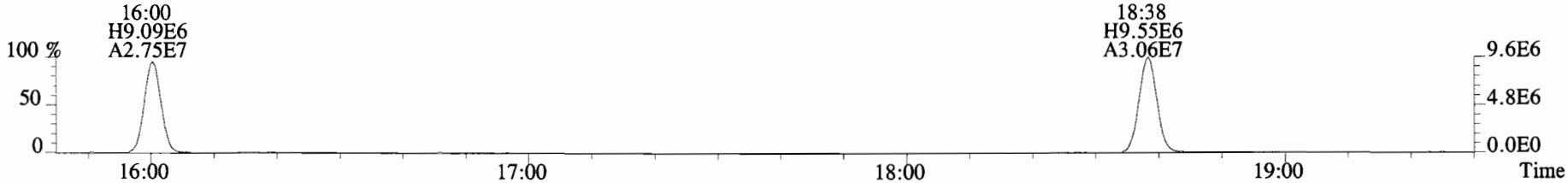
190.0363 S:8 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10684.0,0.00%,F,F)



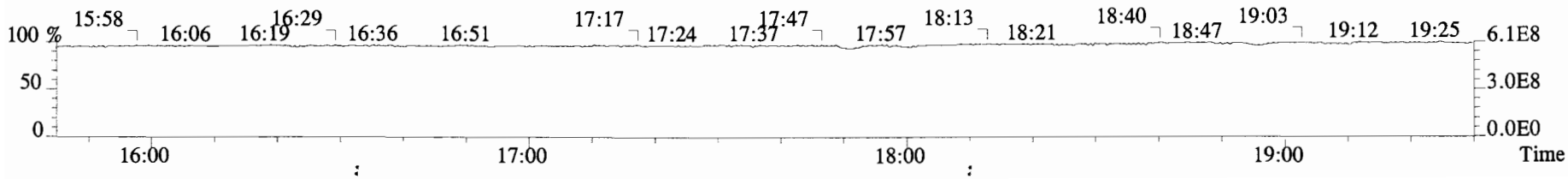
200.0795 S:8 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13352.0,0.00%,F,F)



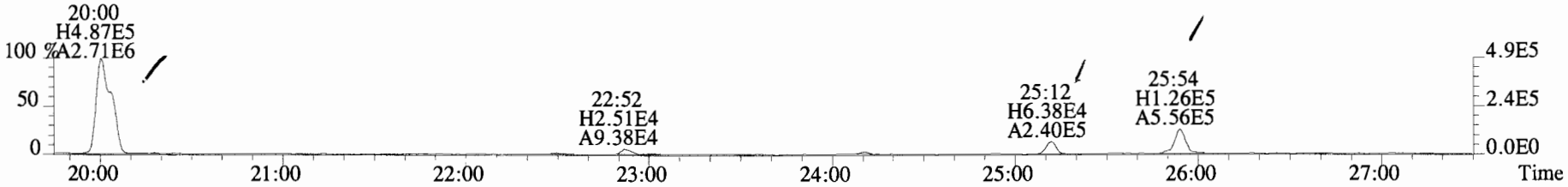
202.0766 S:8 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27692.0,0.00%,F,F)



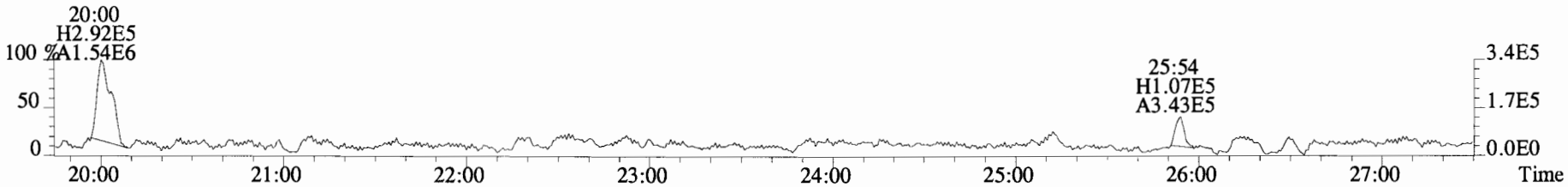
180.9880 S:8



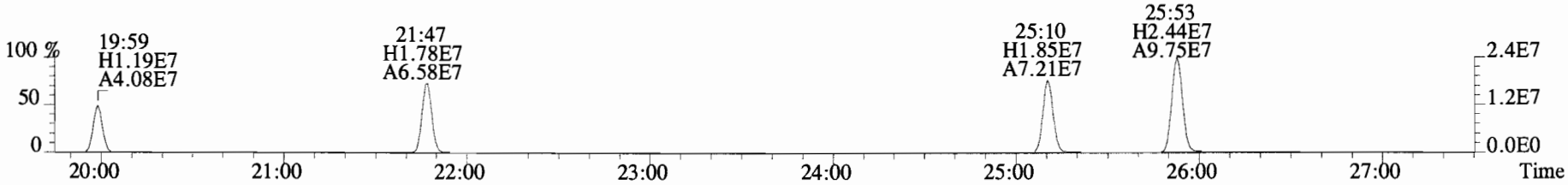
File:180315E1 #1-757 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
222.0003 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4060.0,0.00%,F,F)



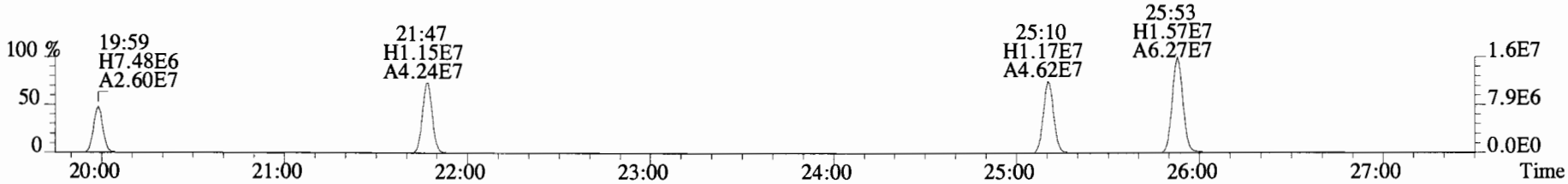
223.9974 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,53004.0,0.00%,F,F)



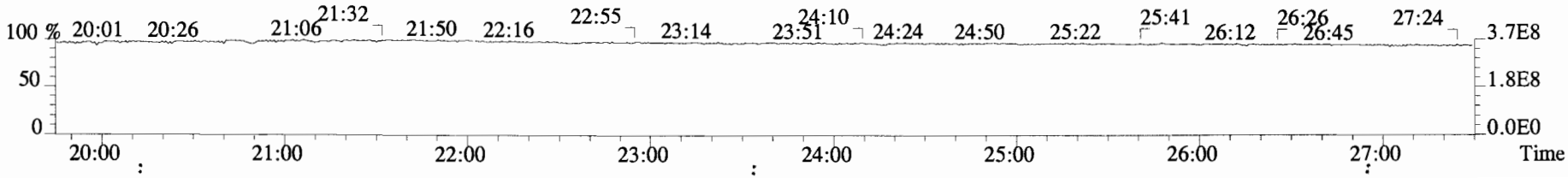
234.0406 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9512.0,0.00%,F,F)



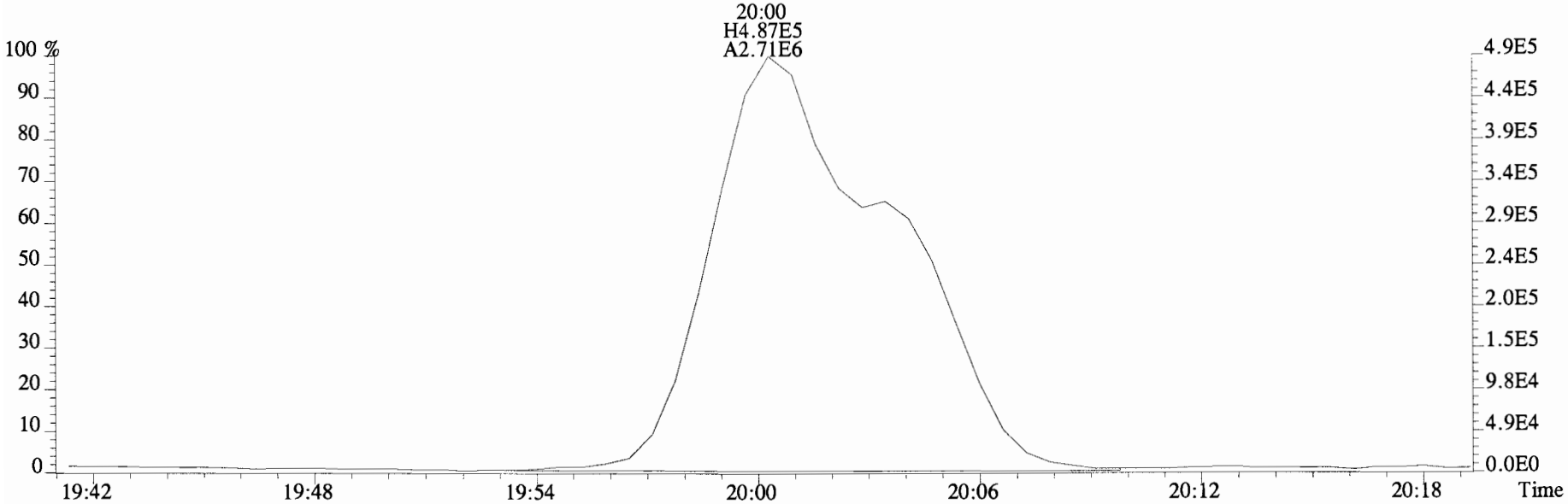
236.0376 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5444.0,0.00%,F,F)



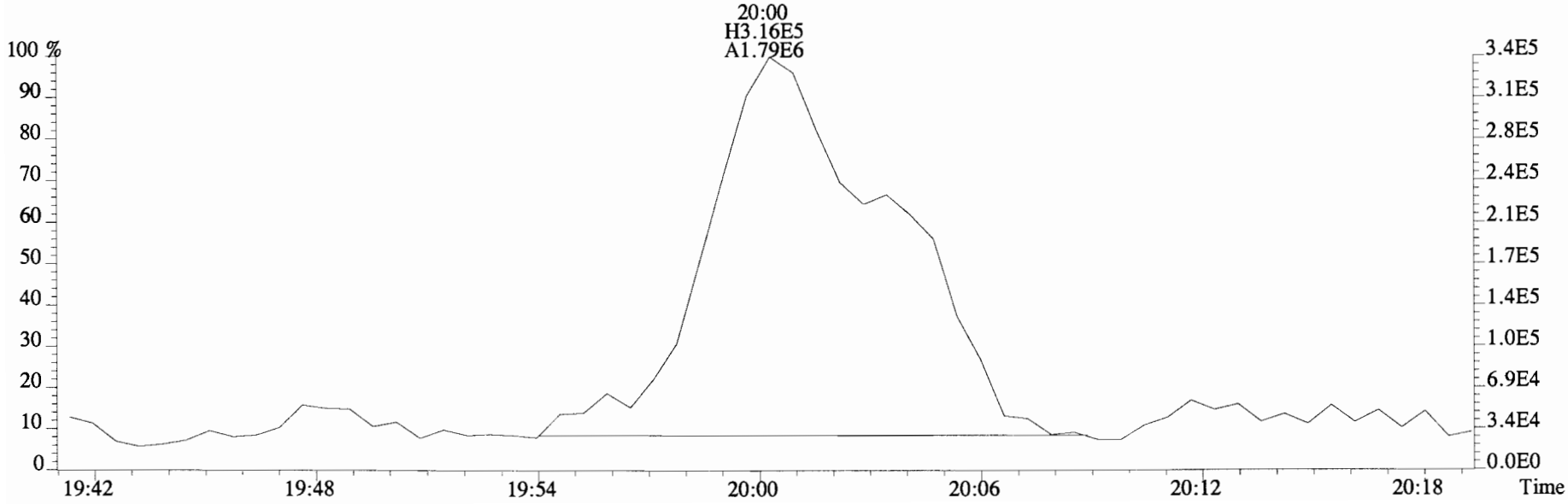
230.9856 S:8 F:2



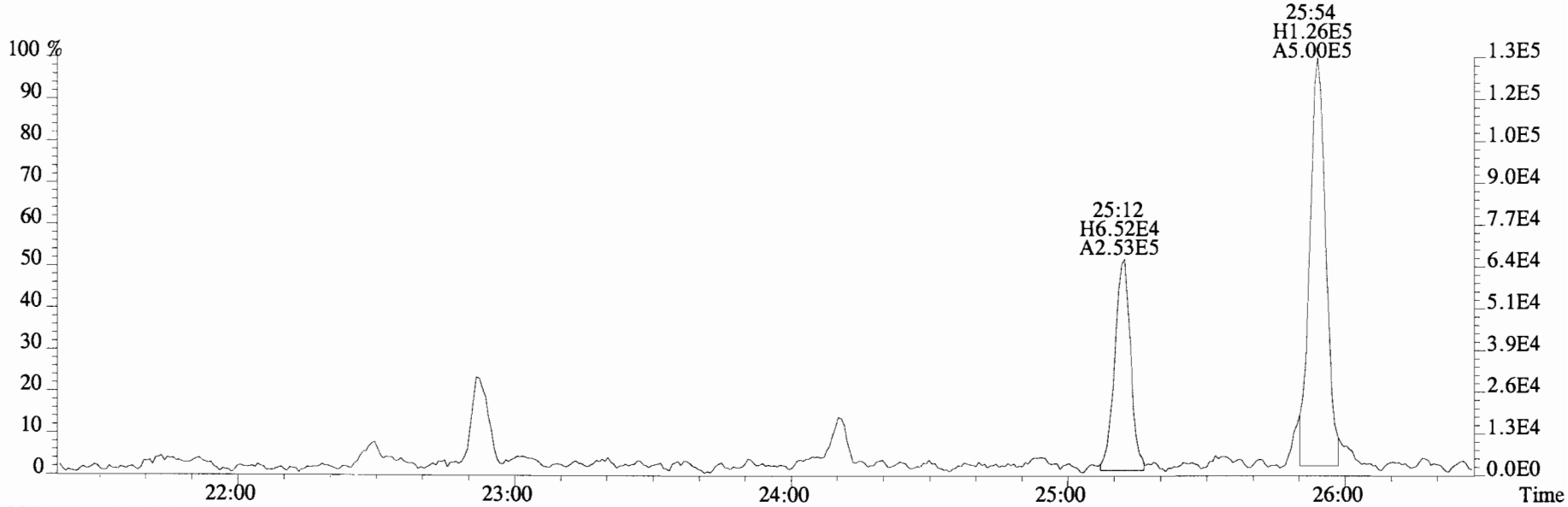
File:180315E1 #1-757 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
222.0003 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0)



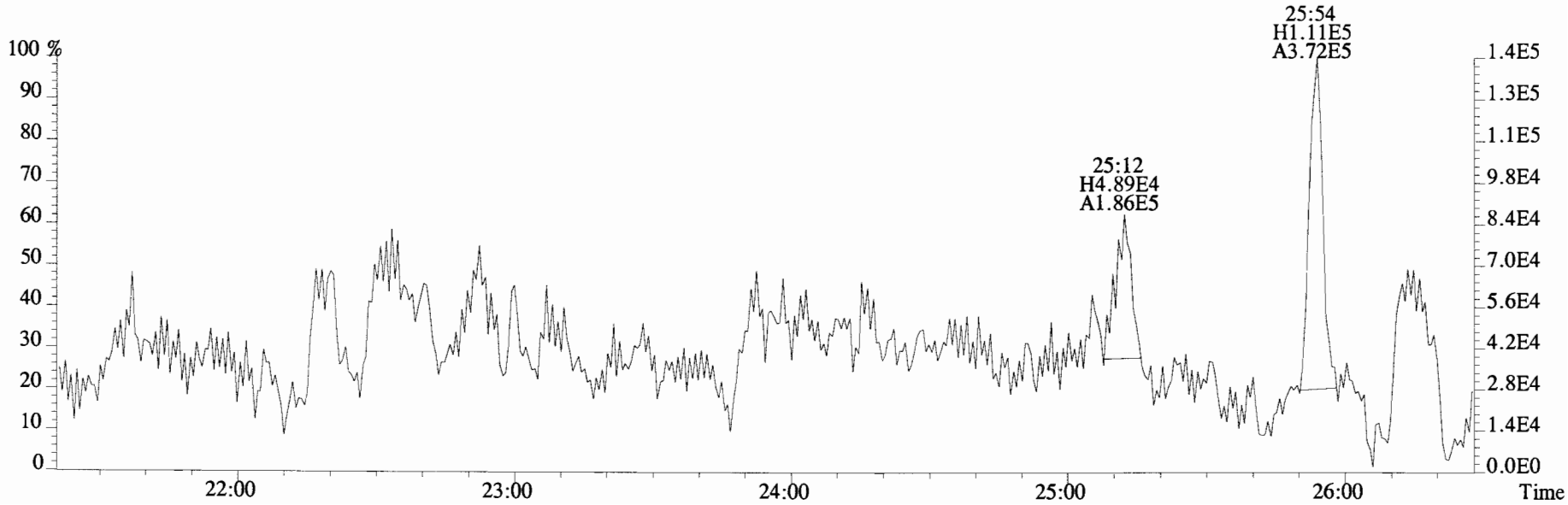
223.9974 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,53004.0,0.00%,F,F)



File:180315E1 #1-757 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
222.0003 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0)

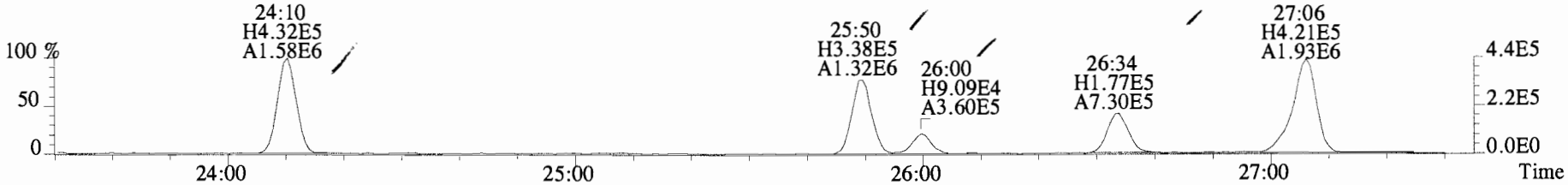


223.9974 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,53004.0,0.00%,F,F)

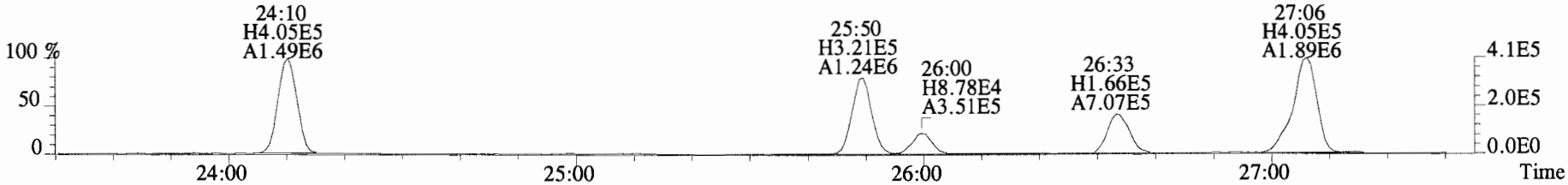


File:180315E1 #1-757 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1

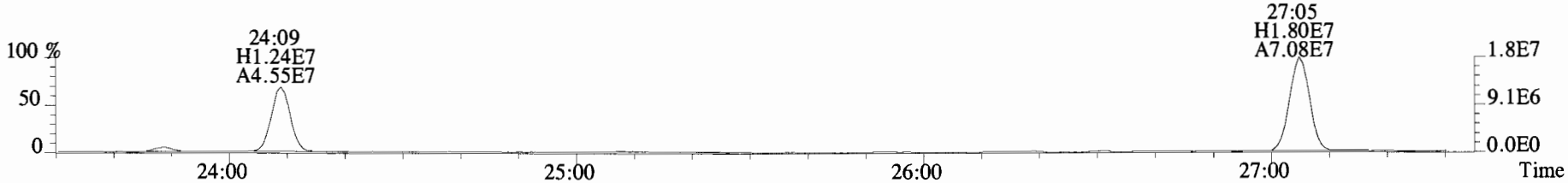
255.9613 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5480.0,0.00%,F,F)



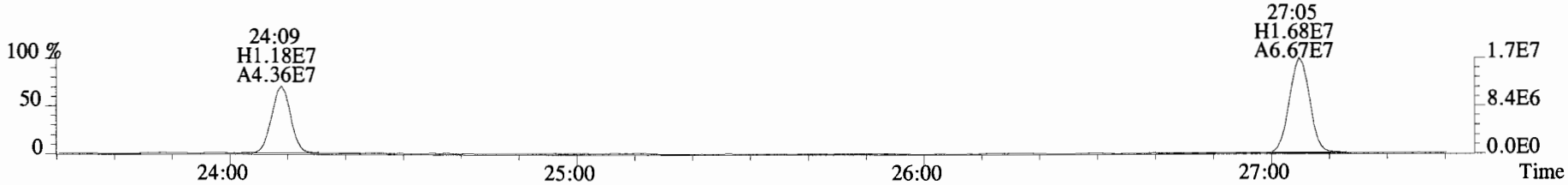
257.9584 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3284.0,0.00%,F,F)



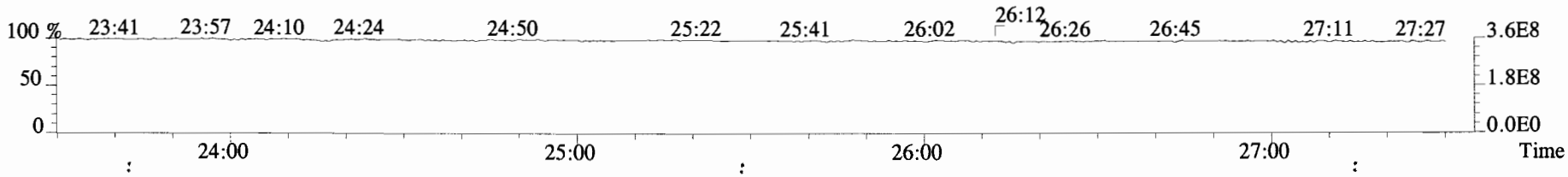
268.0016 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,261352.0,0.00%,F,F)



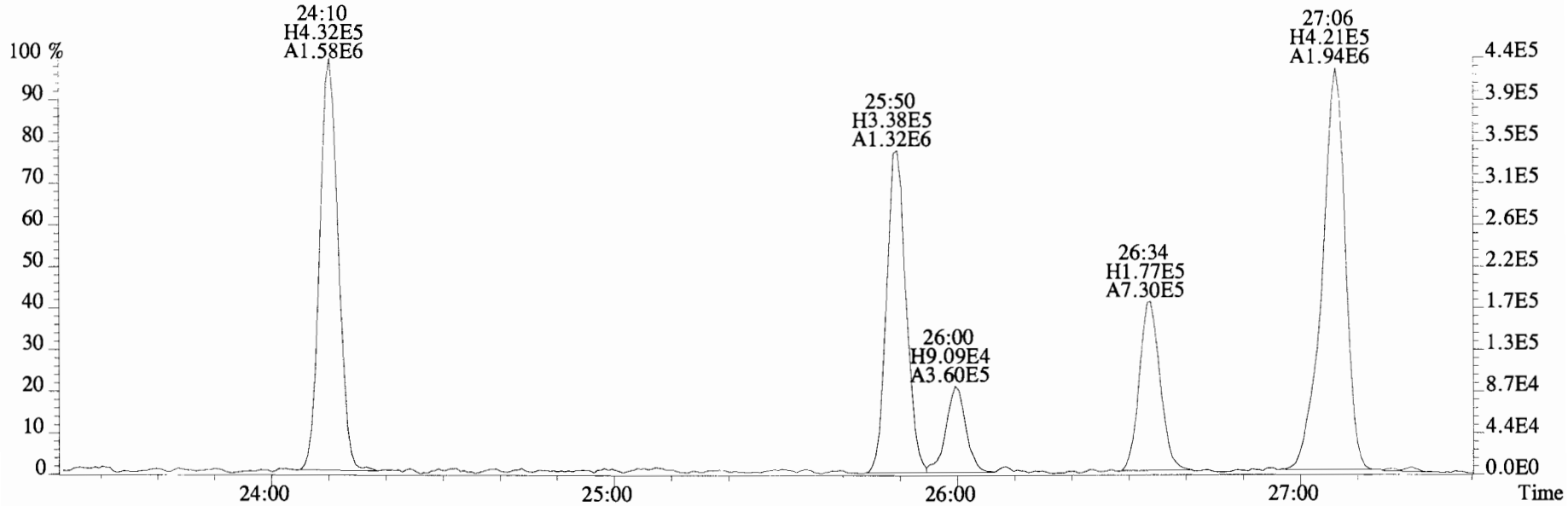
269.9986 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,173080.0,0.00%,F,F)



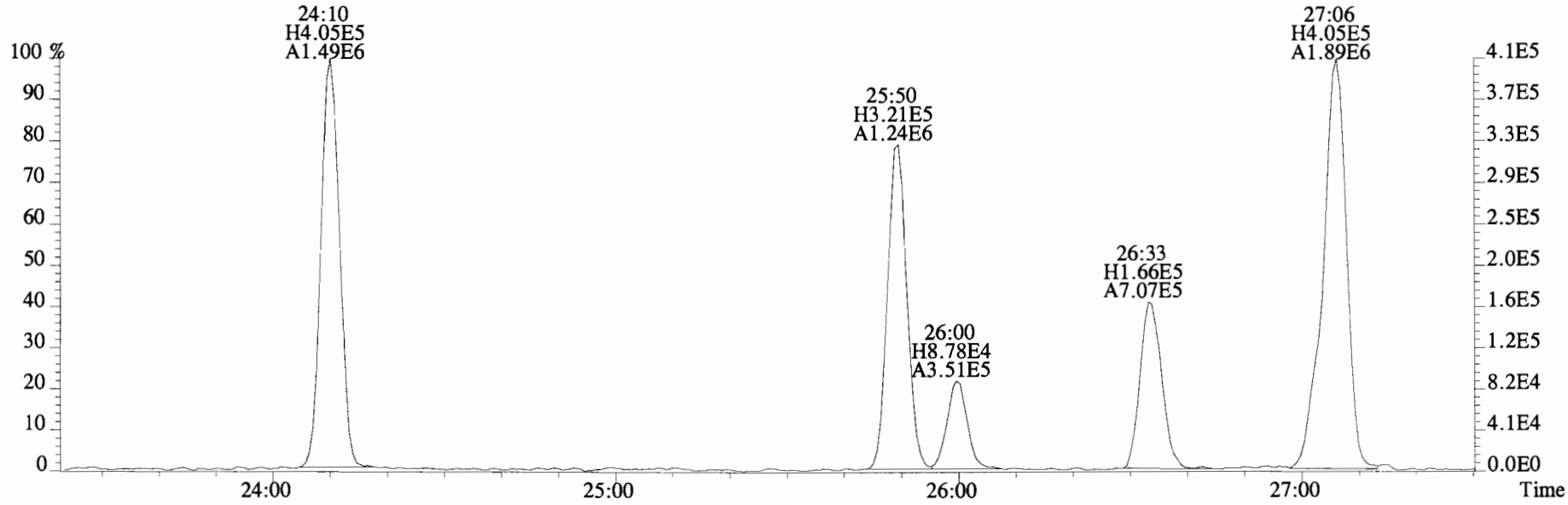
230.9856 S:8 F:2



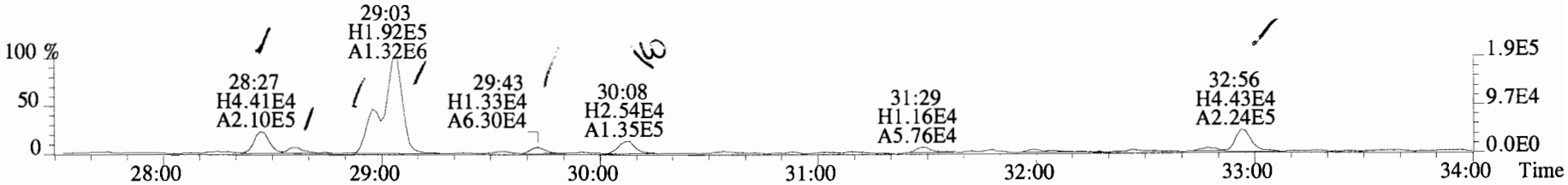
File:180315E1 #1-757 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
255.9613 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5480.0,0.00%,F,F)



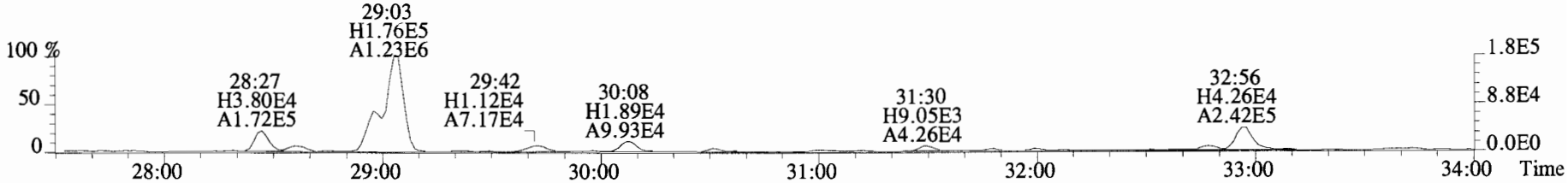
257.9584 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3284.0,0.00%,F,F)



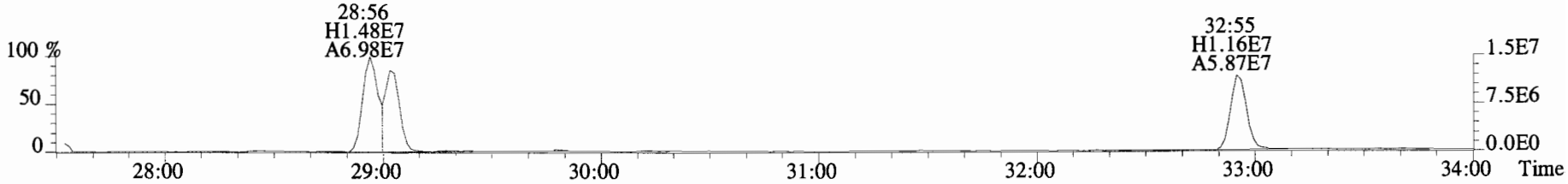
File:180315E1 #1-756 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
255.9613 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3644.0,0.00%,F,F)



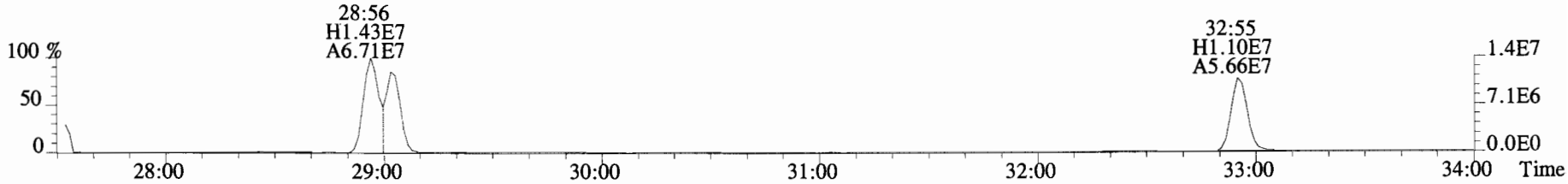
257.9584 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2692.0,0.00%,F,F)



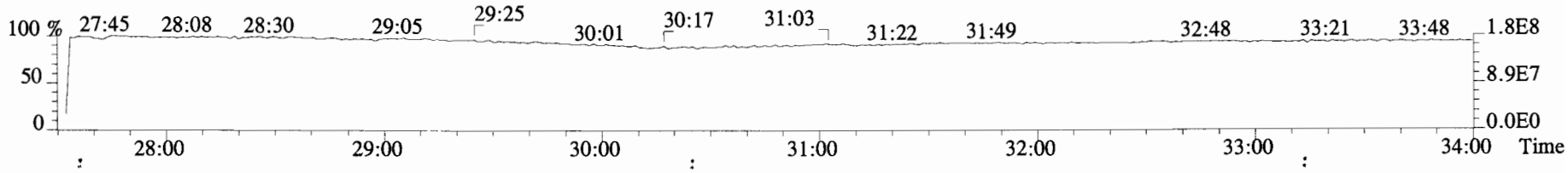
268.0016 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,191256.0,0.00%,F,F)



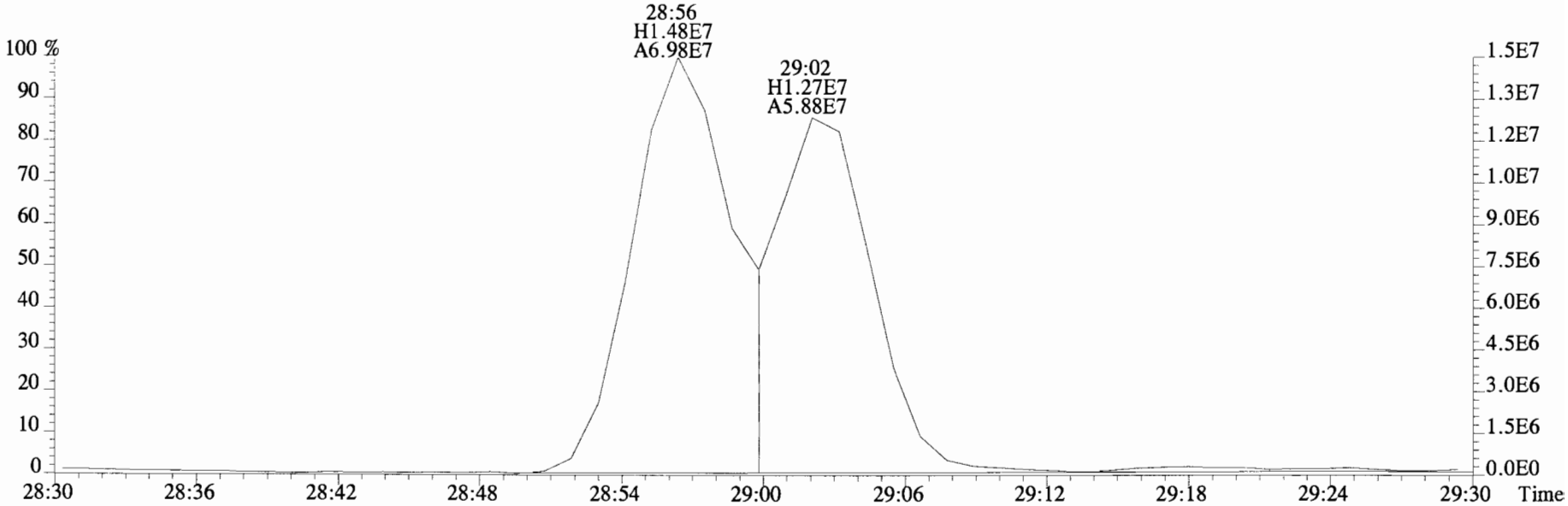
269.9986 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,79836.0,0.00%,F,F)



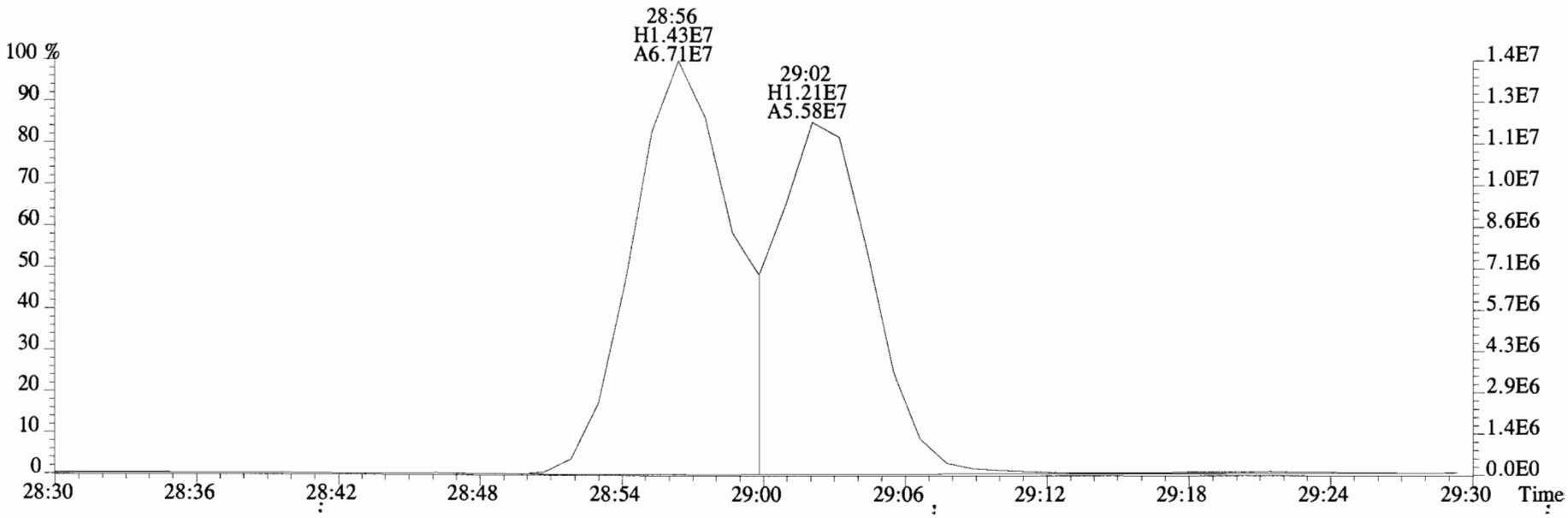
330.9792 S:8 F:3



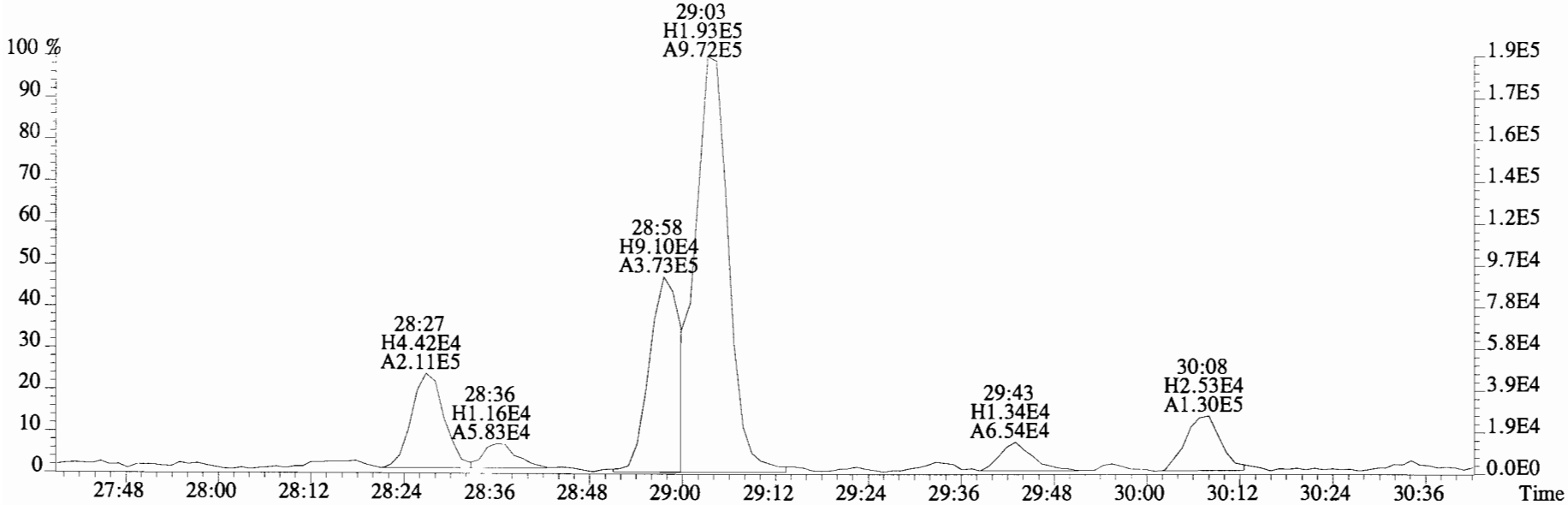
File:180315E1 #1-756 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
268.0016 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,191256.0,0.00%,F,F)



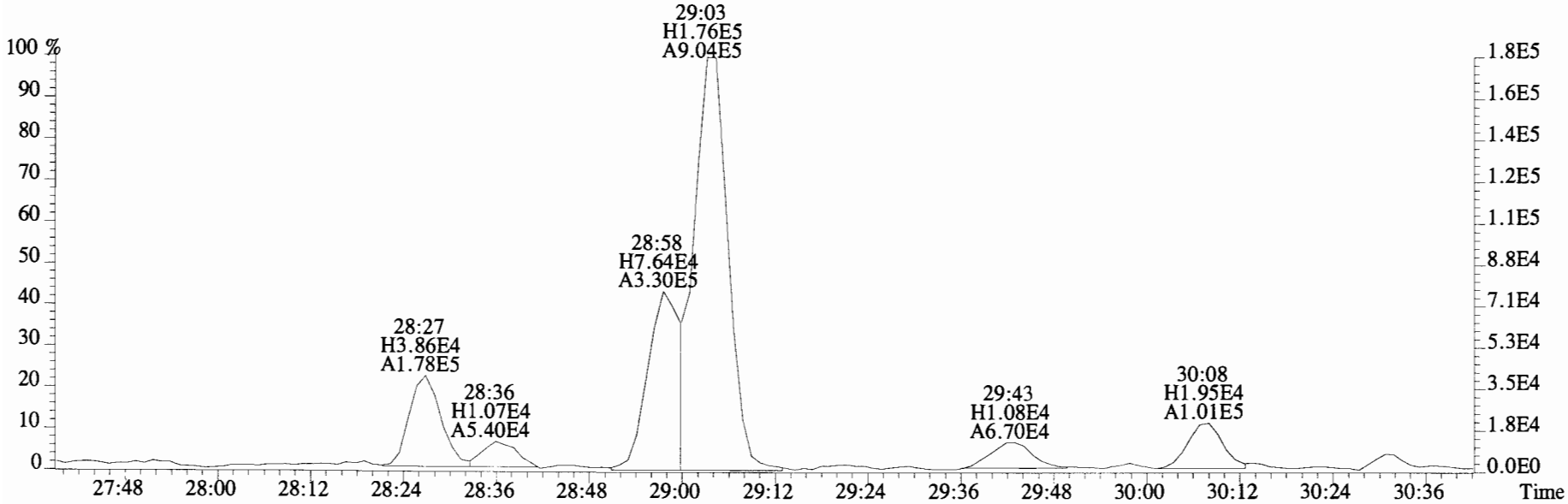
269.9986 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,79836.0,0.00%,F,F)



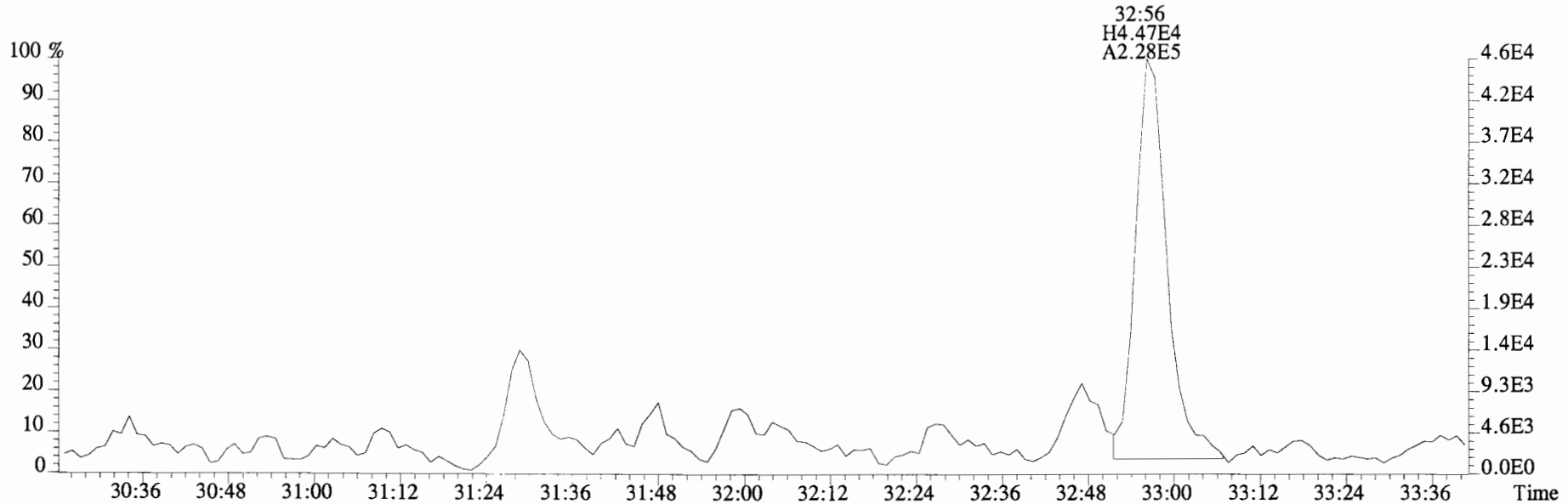
File:180315E1 #1-756 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
255.9613 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0)



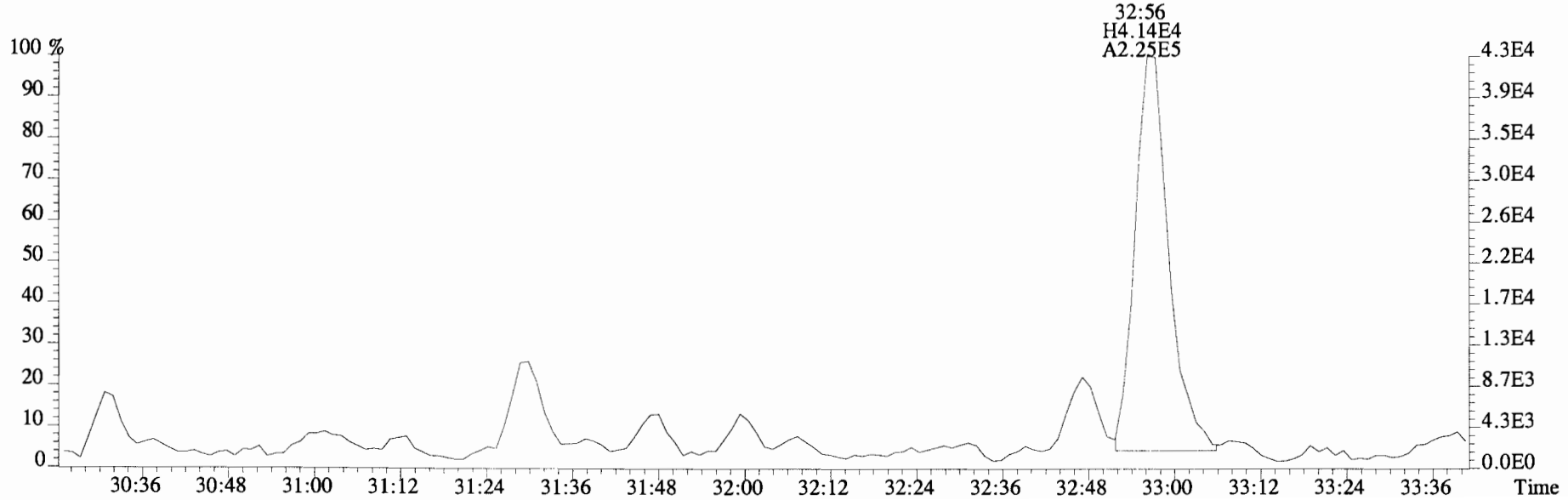
257.9584 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0)



File:180315E1 #1-756 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
255.9613 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0)

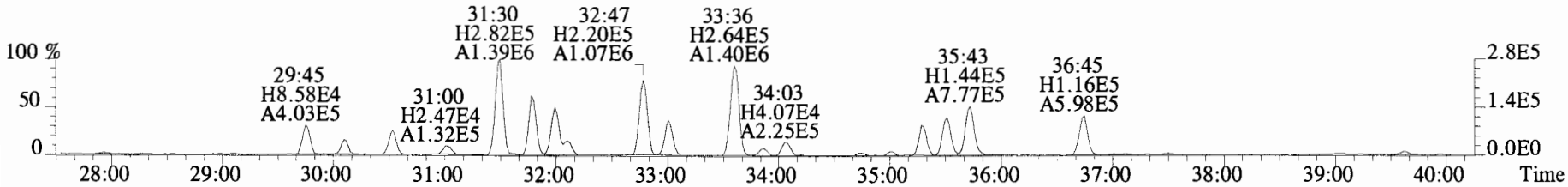


257.9584 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0)

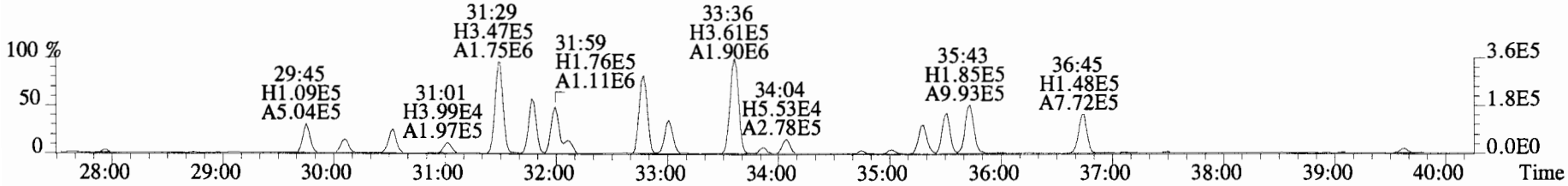


File:180315E1 #1-756 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1

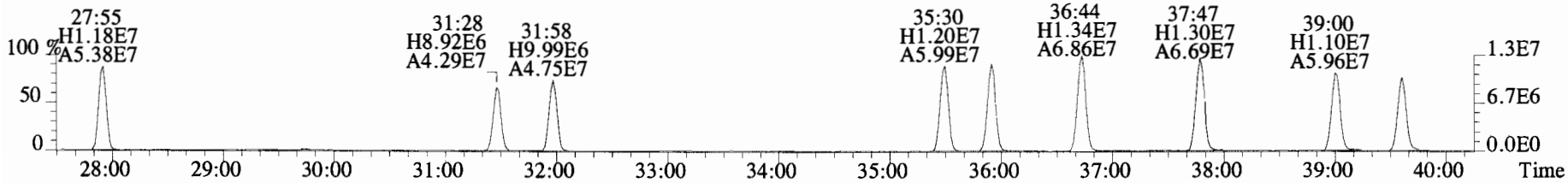
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2716.0,0.00%,F,F)



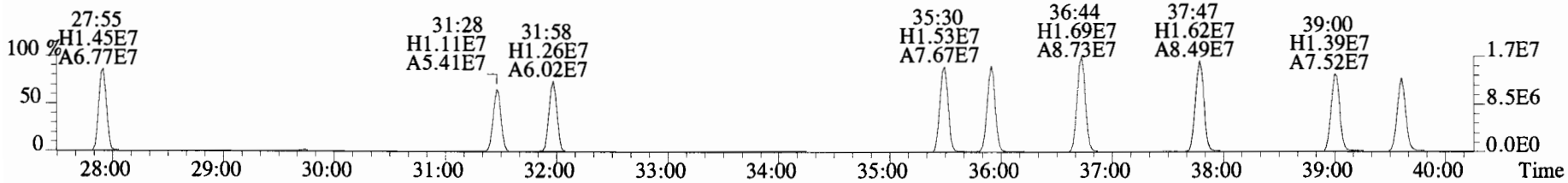
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2976.0,0.00%,F,F)



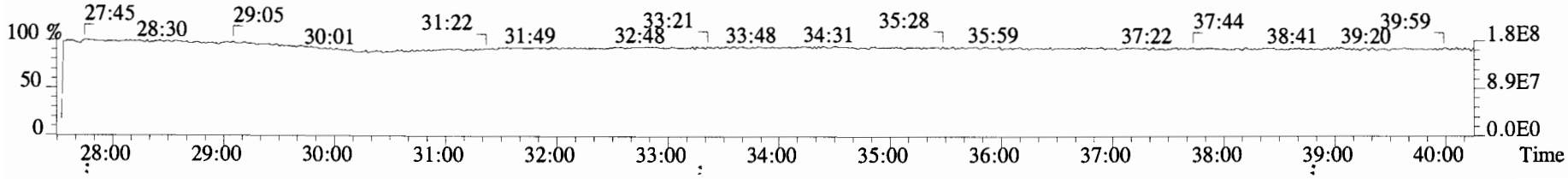
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,73644.0,0.00%,F,F)



303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,40040.0,0.00%,F,F)

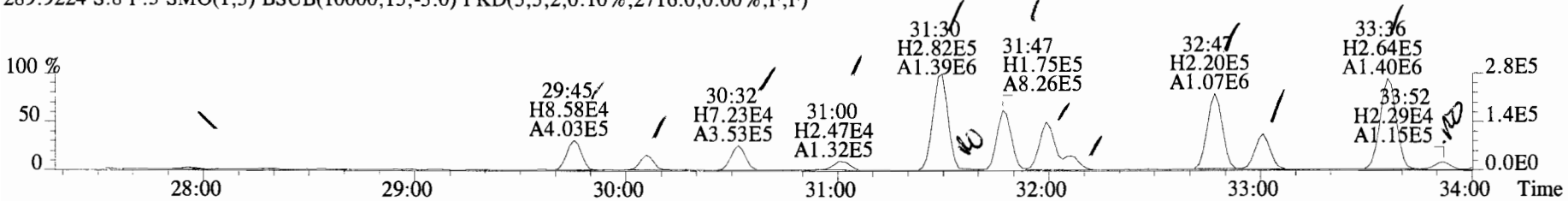


330.9792 S:8 F:3

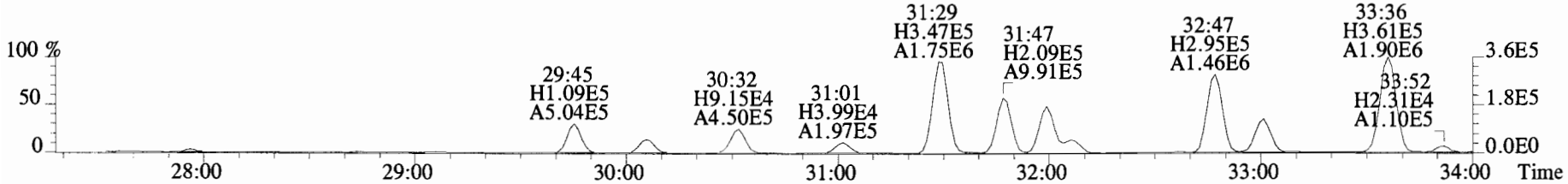


File:180315E1 #1-756 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1

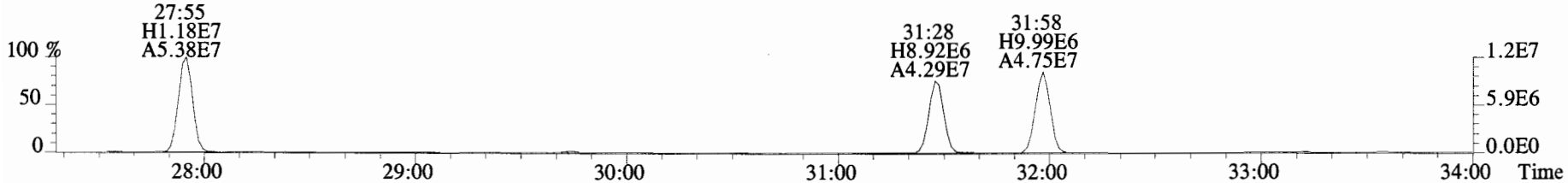
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2716.0,0.00%,F,F)



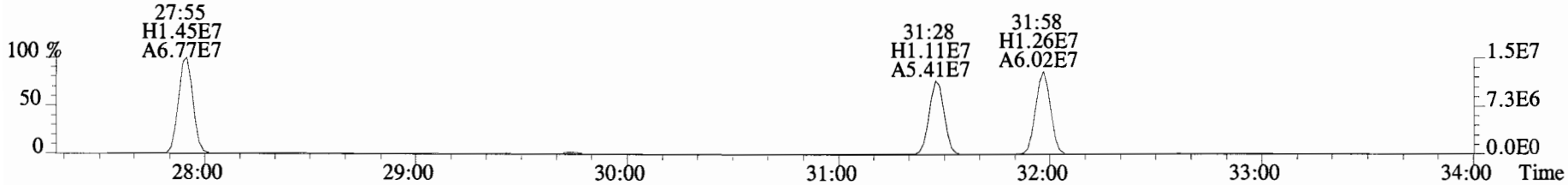
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2976.0,0.00%,F,F)



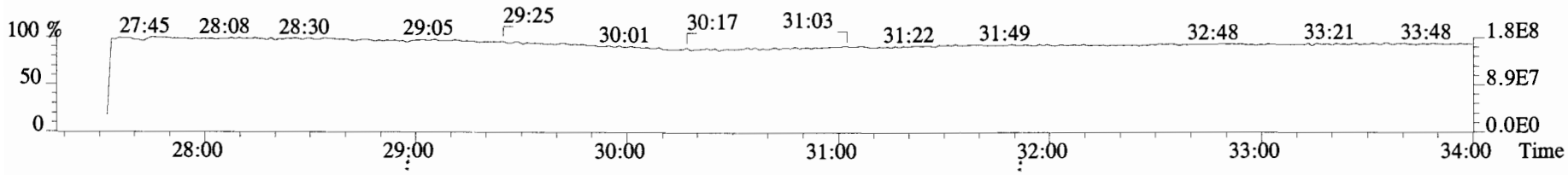
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,73644.0,0.00%,F,F)



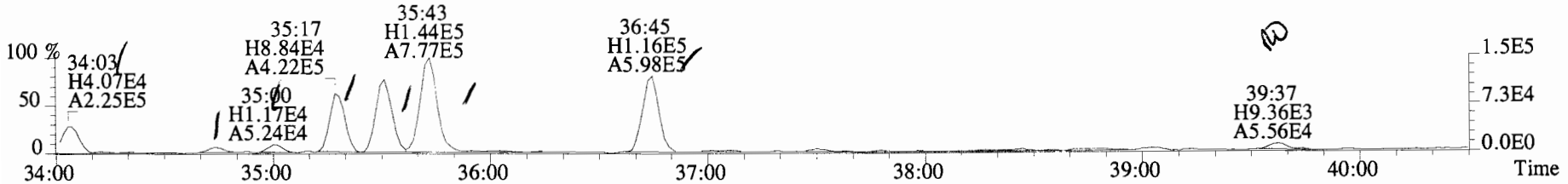
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,40040.0,0.00%,F,F)



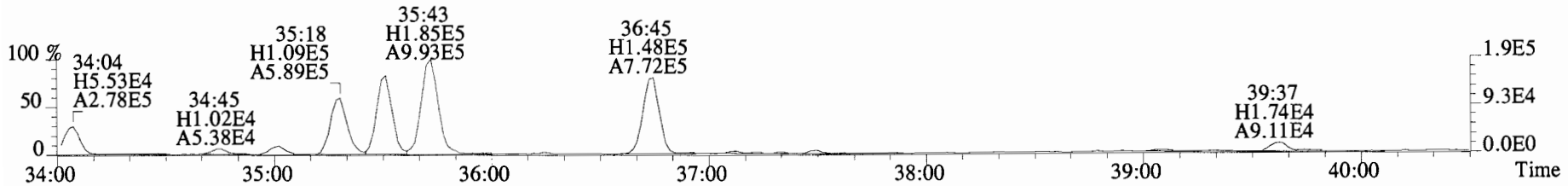
330.9792 S:8 F:3



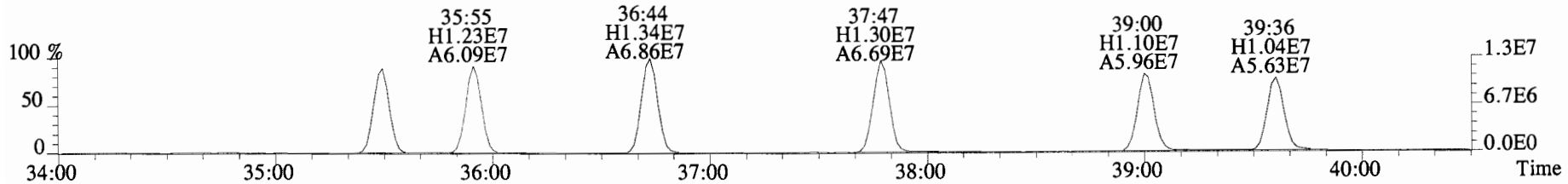
File:180315E1 #1-756 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2716.0,0.00%,F,F)



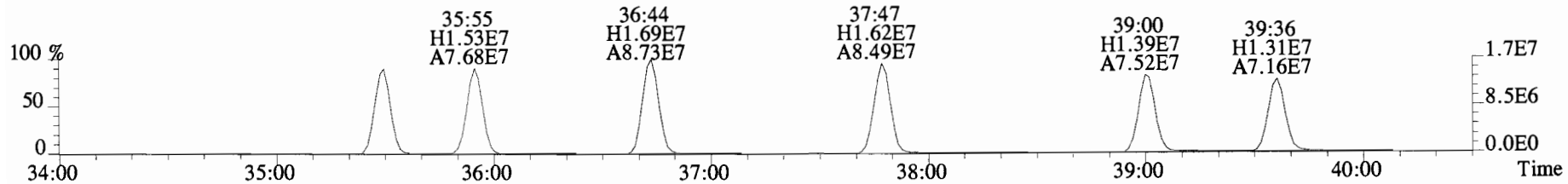
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2976.0,0.00%,F,F)



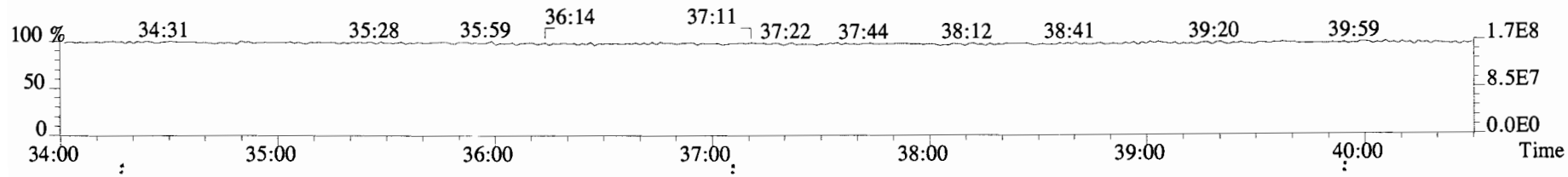
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,73644.0,0.00%,F,F)



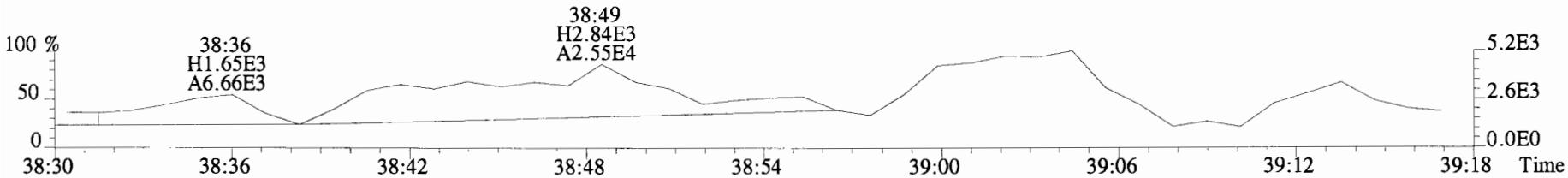
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,40040.0,0.00%,F,F)



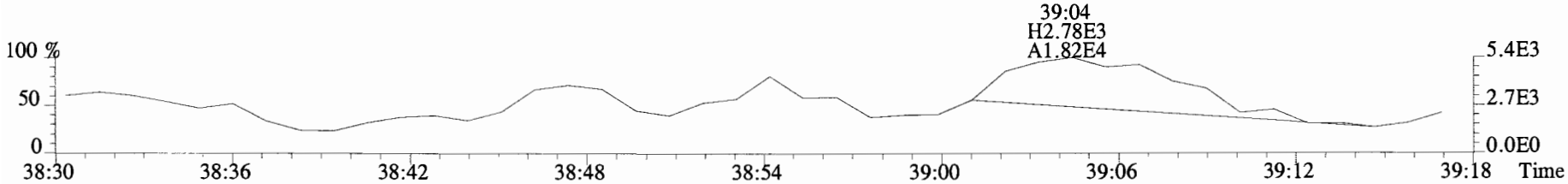
330.9792 S:8 F:3



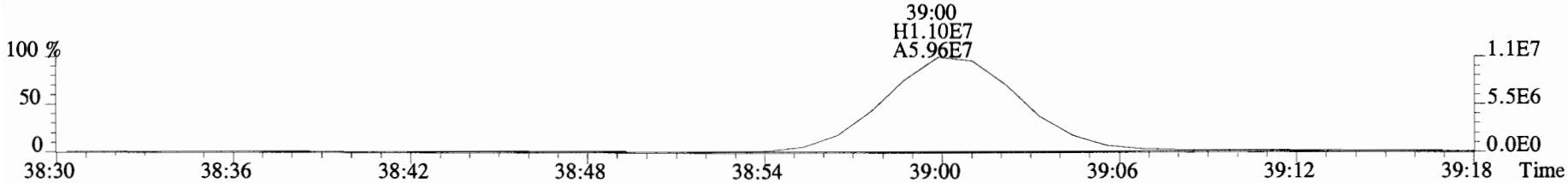
File:180315E1 #1-756 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2716.0,0.00%,F,F)



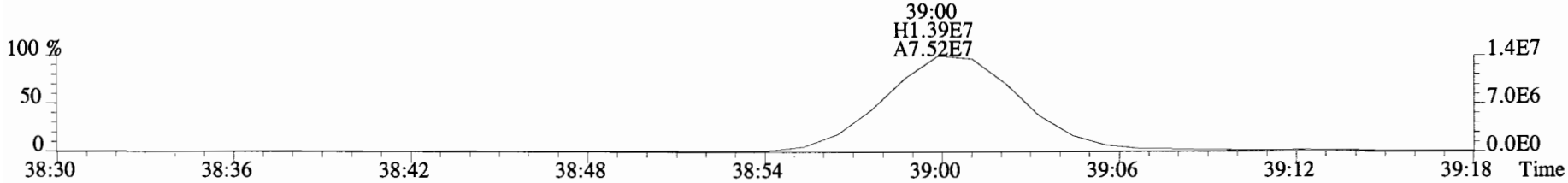
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2976.0,0.00%,F,F)



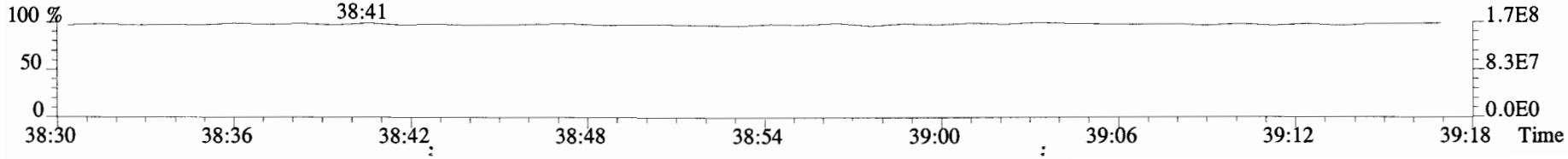
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,73644.0,0.00%,F,F)



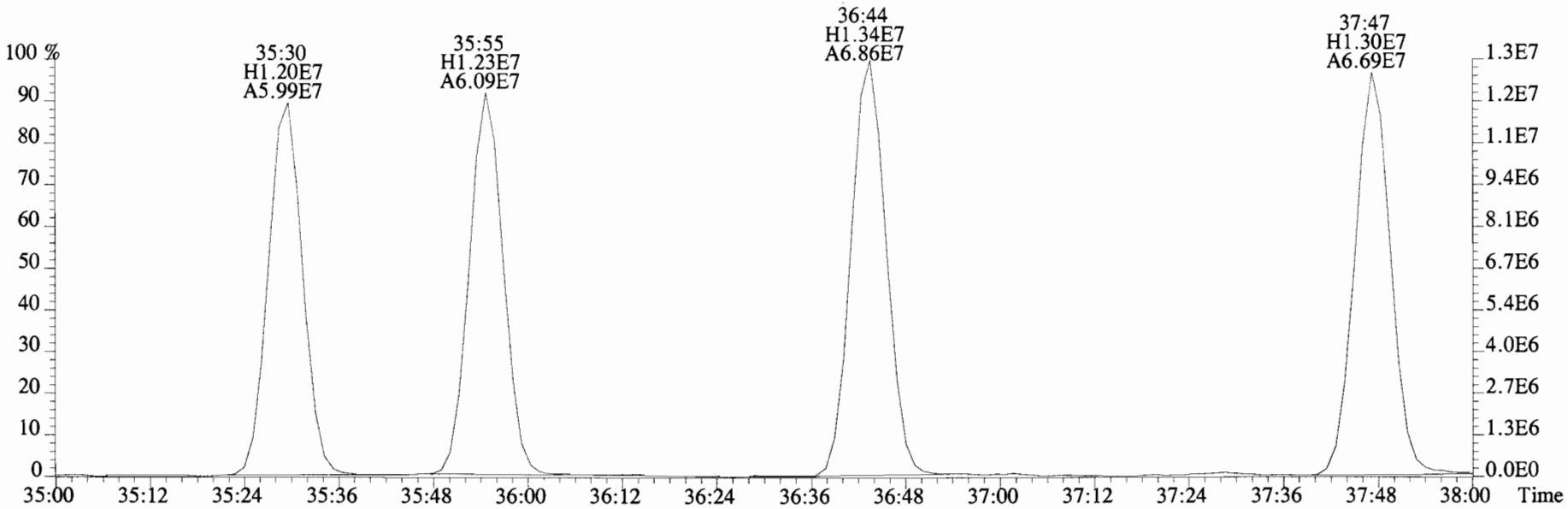
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,40040.0,0.00%,F,F)



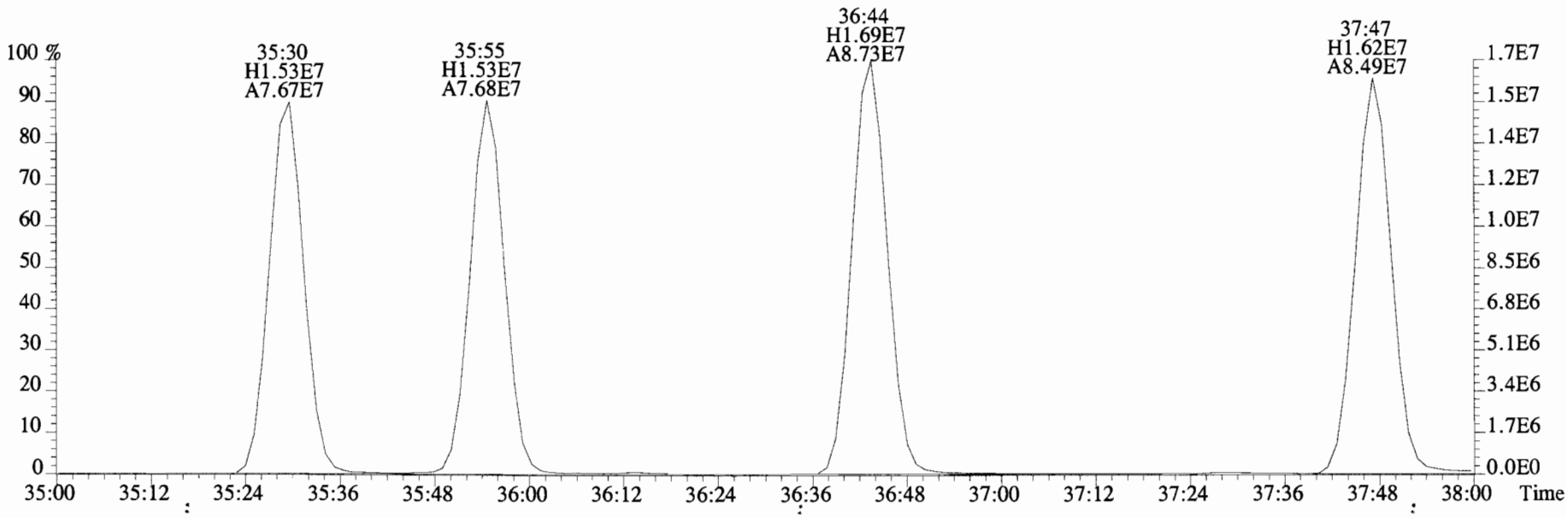
330.9792 S:8 F:3



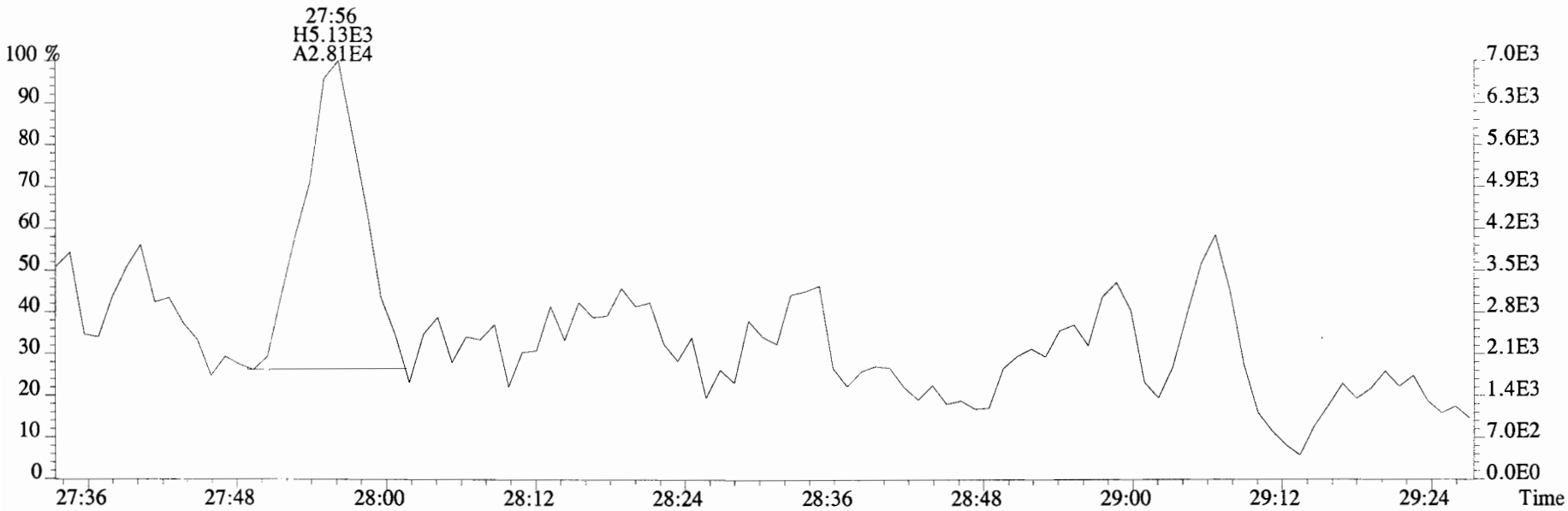
File:180315E1 #1-756 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,73644.0,0.00%,F,F)



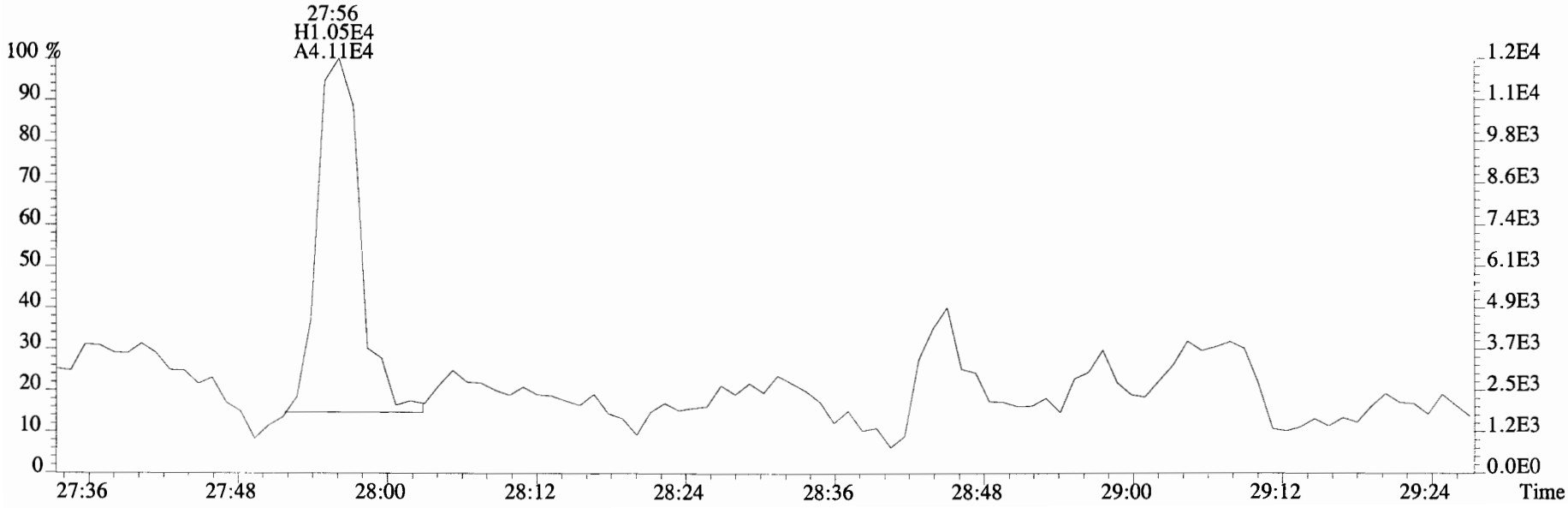
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,40040.0,0.00%,F,F)



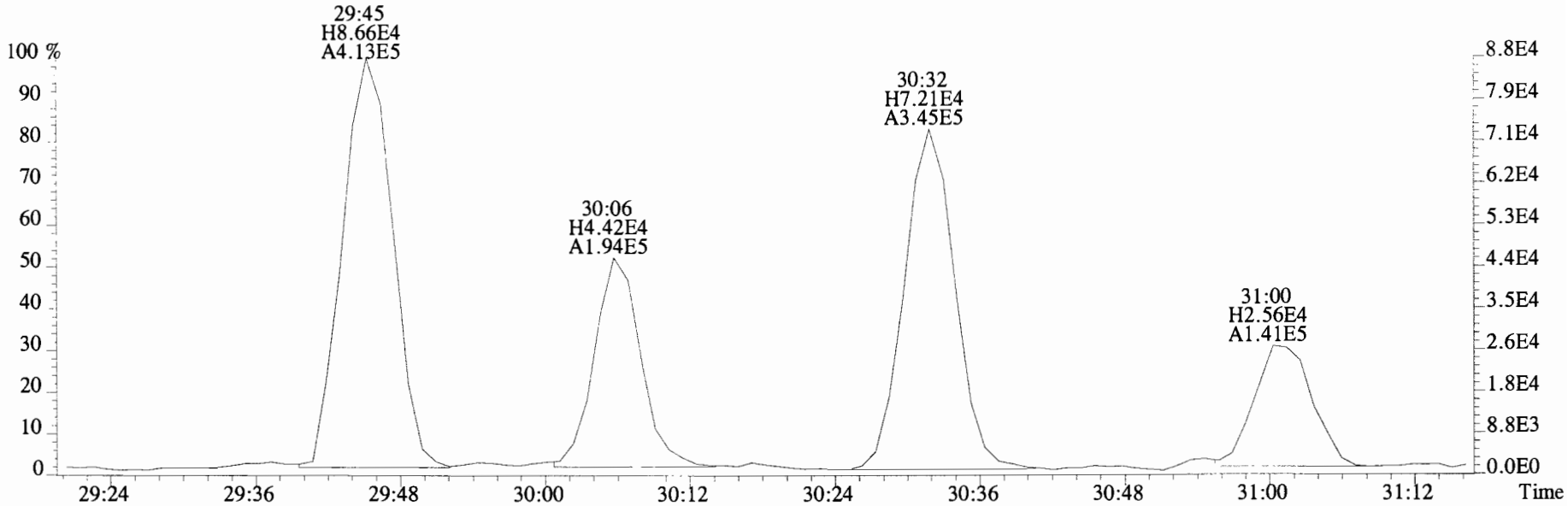
File:180315E1 #1-756 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0)



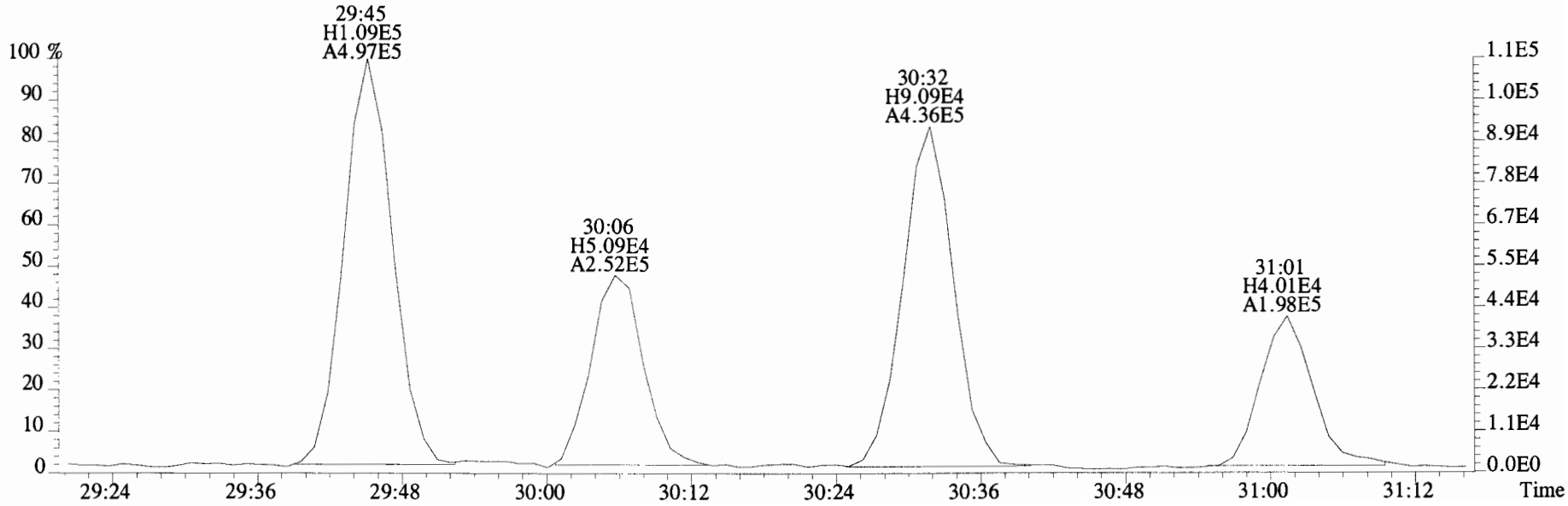
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0)



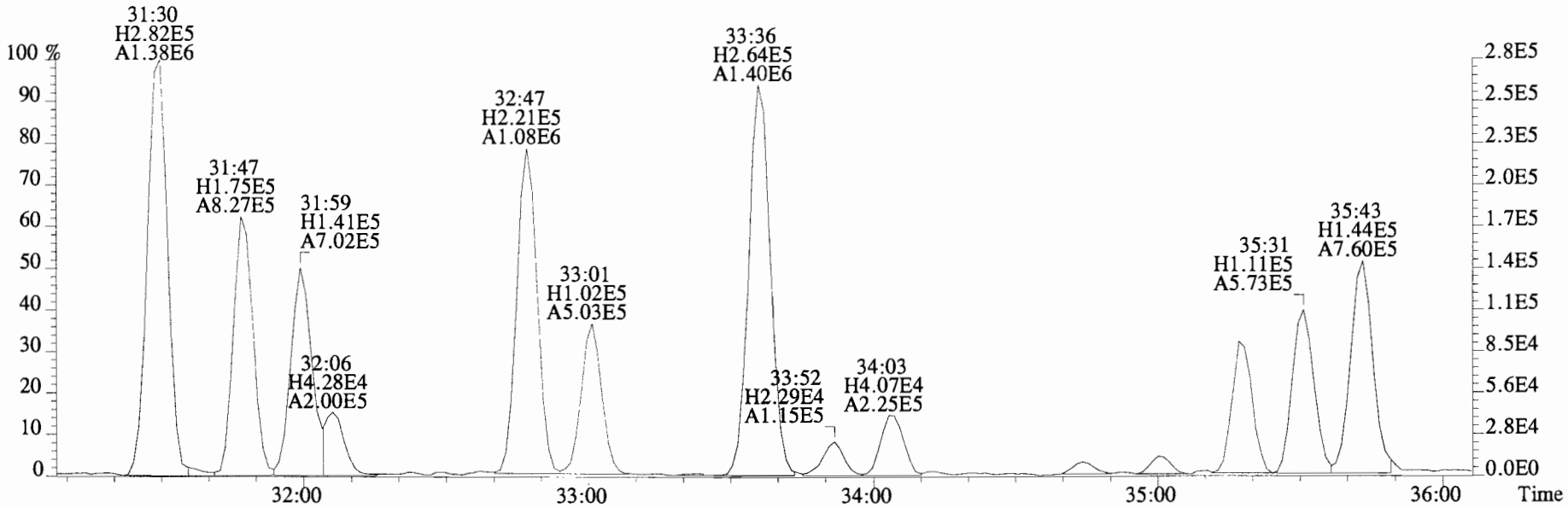
File:180315E1 #1-756 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0)



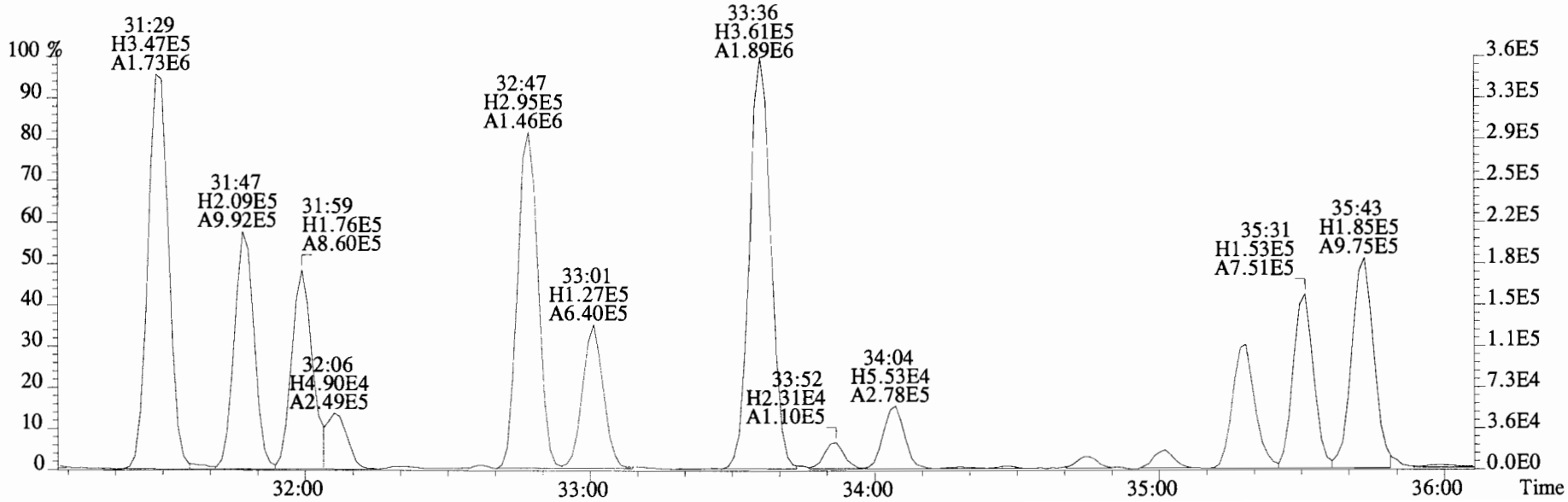
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0)



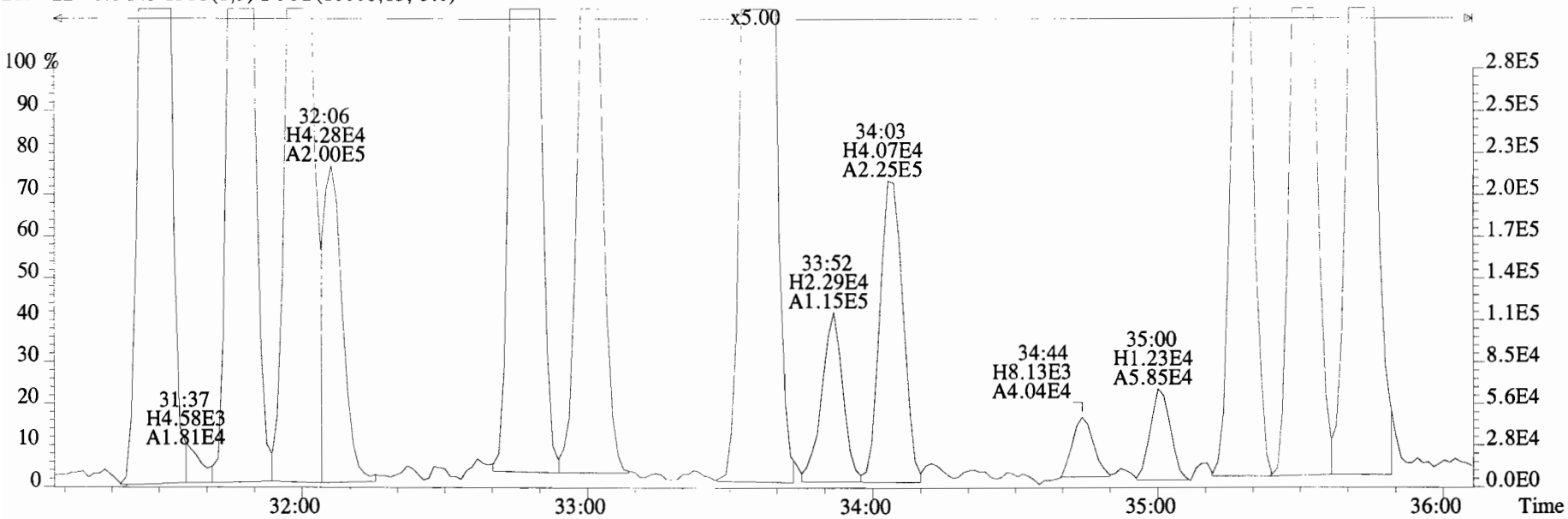
File:180315E1 #1-756 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0)



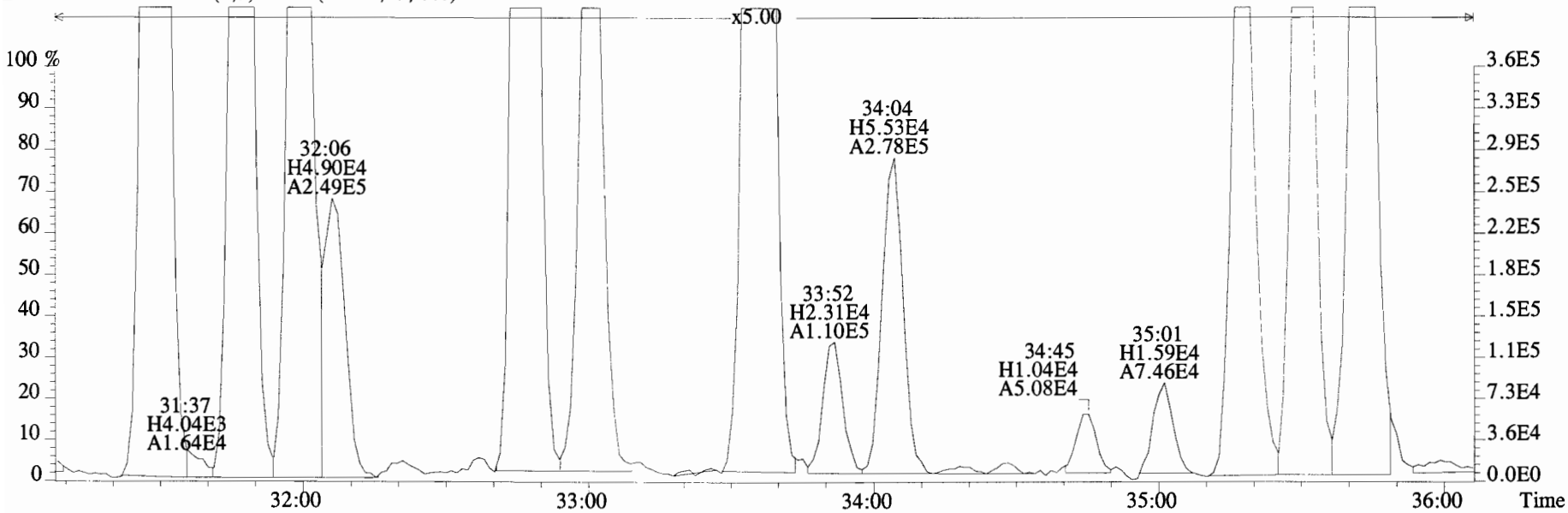
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0)



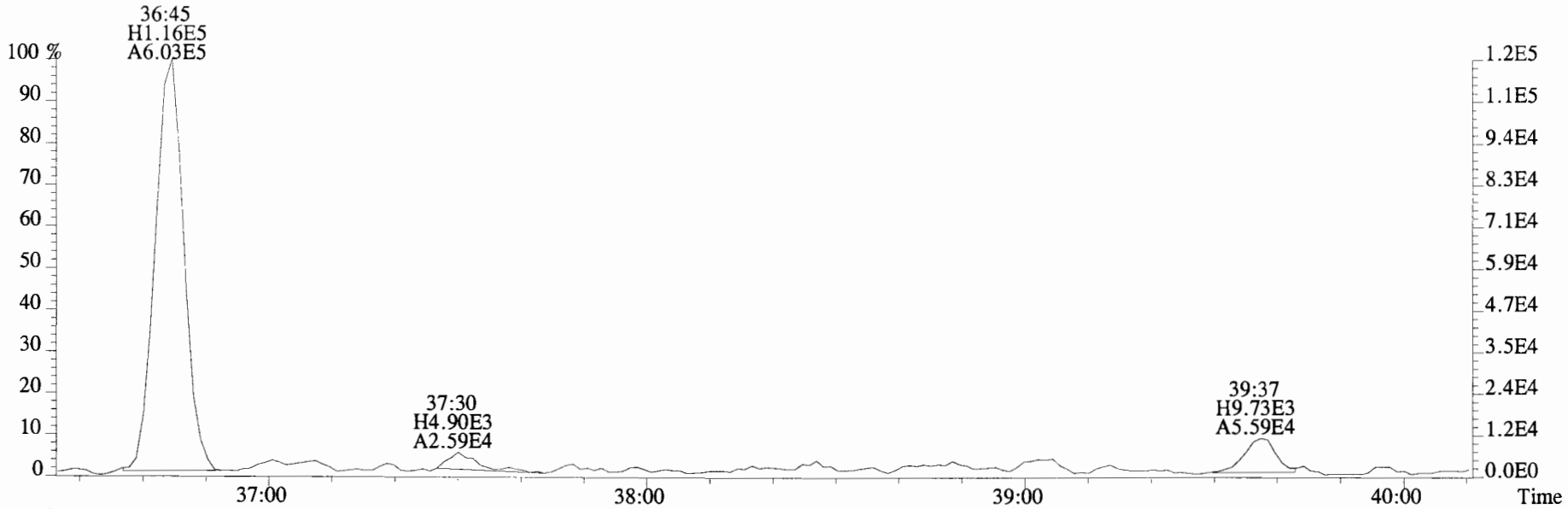
File:180315E1 #1-756 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0)



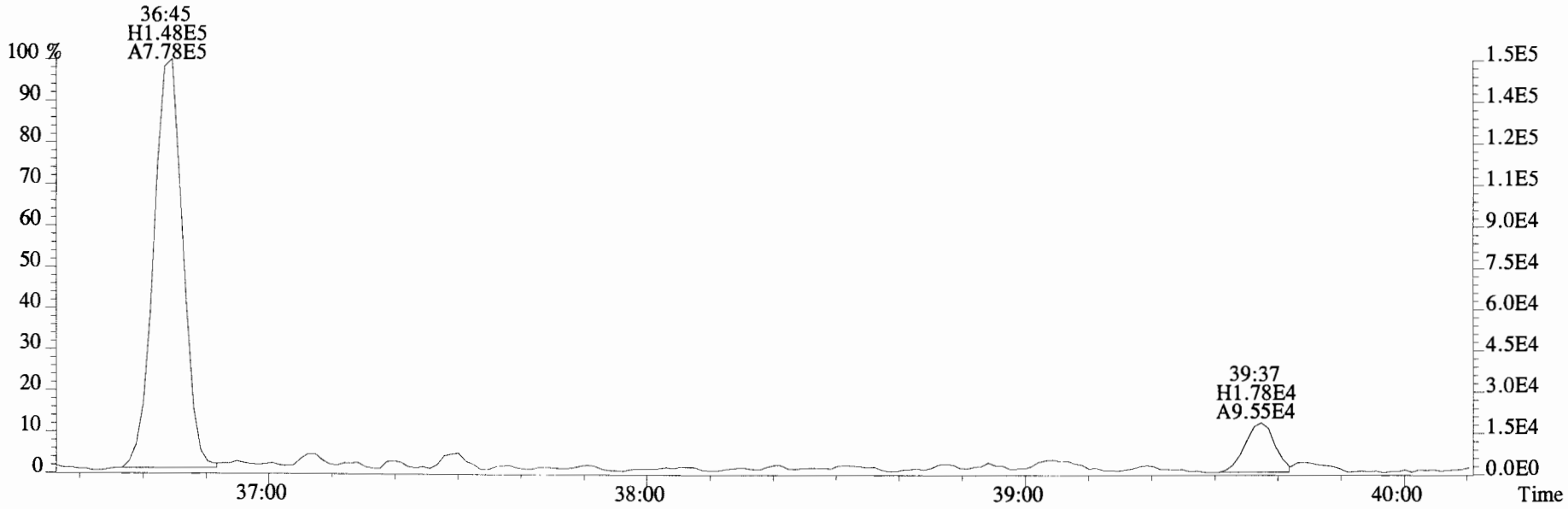
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0)



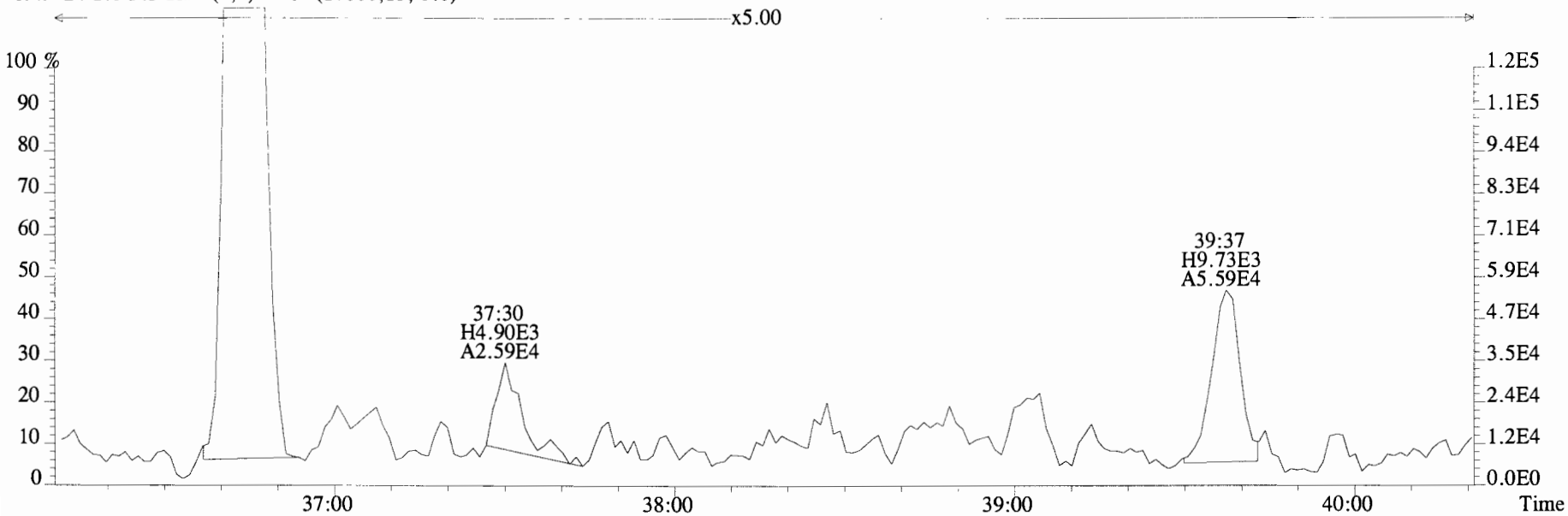
File:180315E1 #1-756 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0)



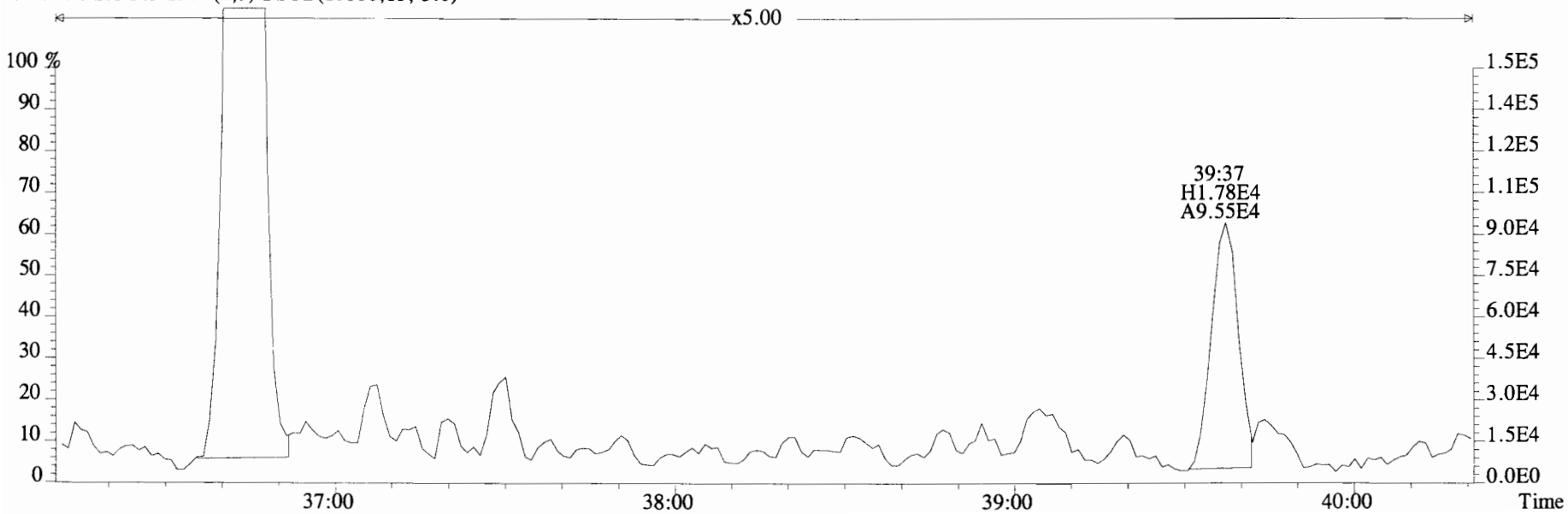
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0)



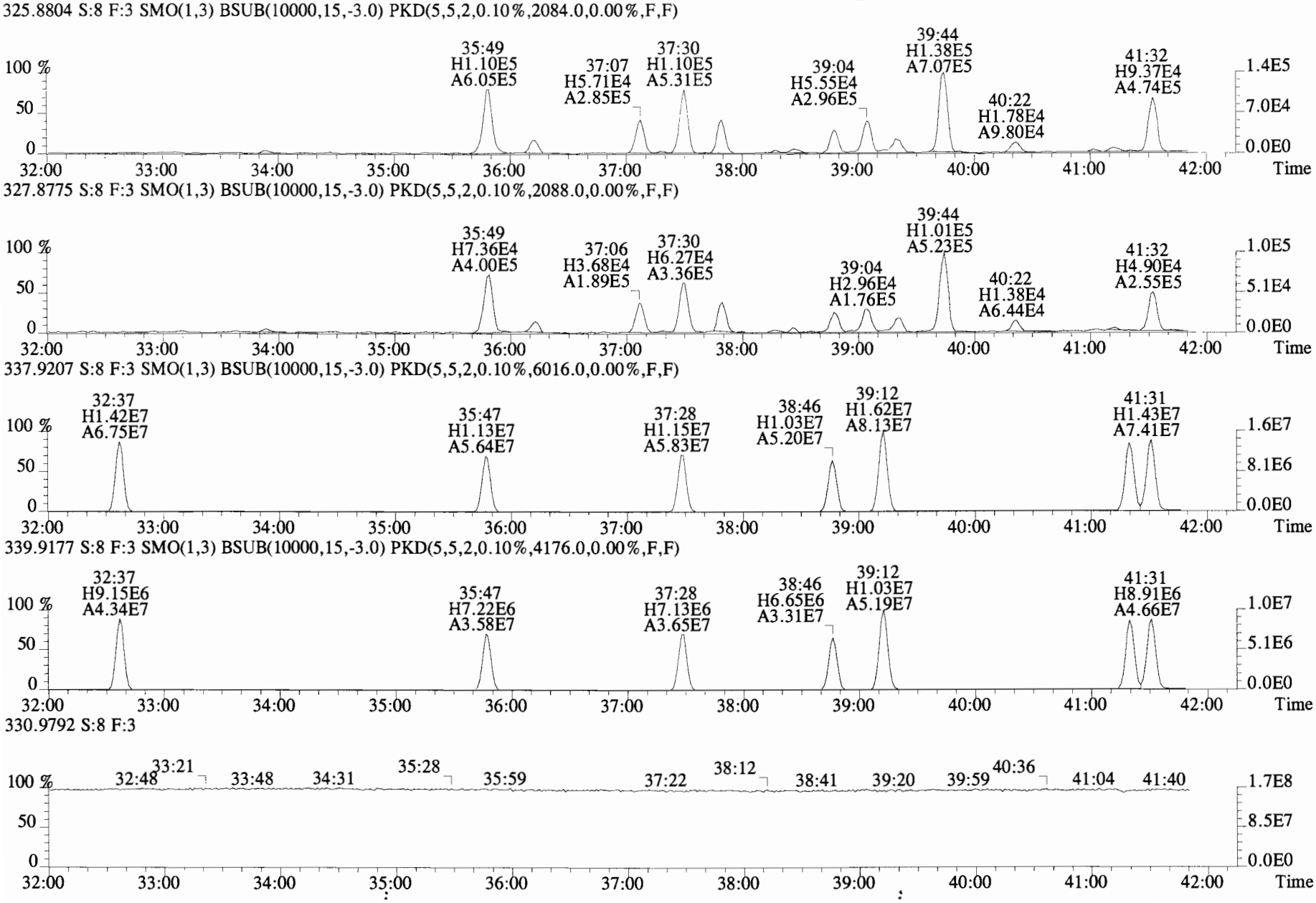
File:180315Ei #1-756 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0)



291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0)

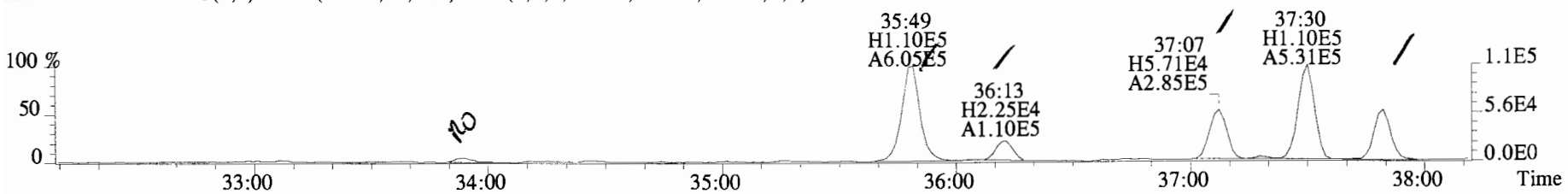


File:180315E1 #1-756 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1

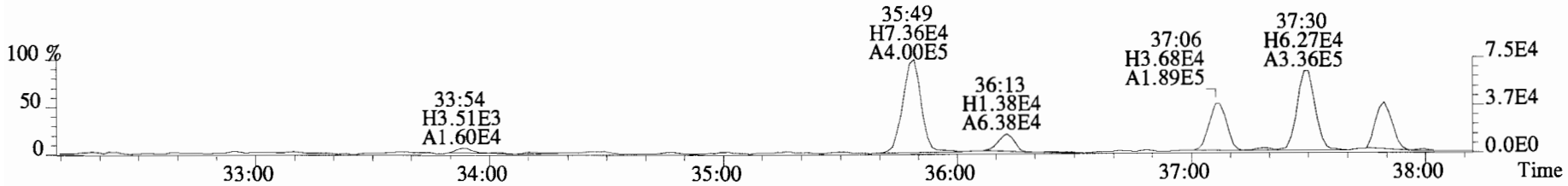


File:180315E1 #1-756 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1

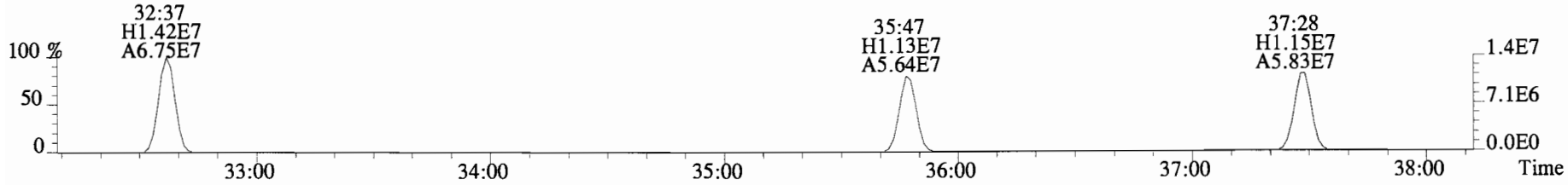
325.8804 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2084.0,0.00%,F,F)



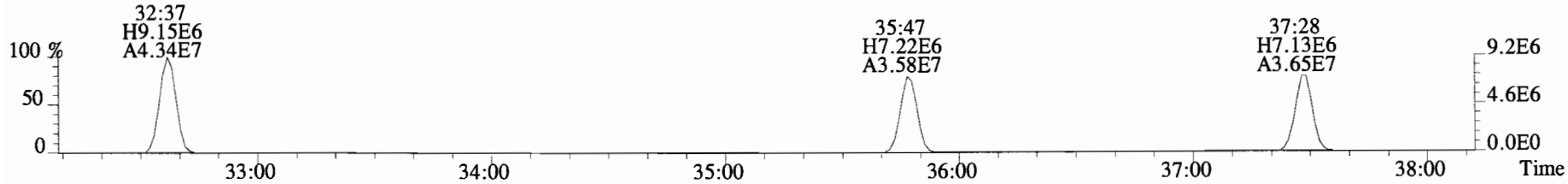
327.8775 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2088.0,0.00%,F,F)



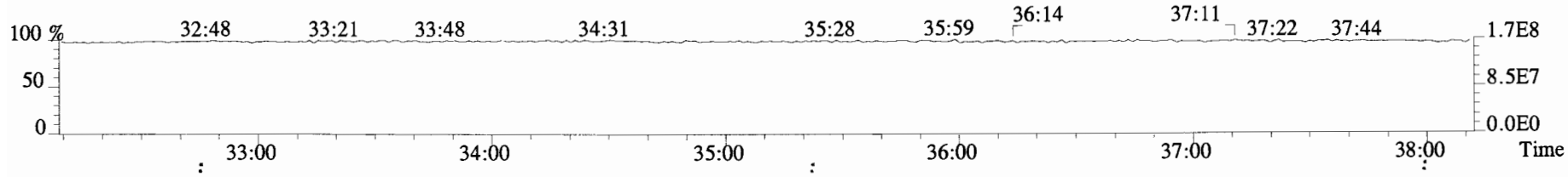
337.9207 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6016.0,0.00%,F,F)



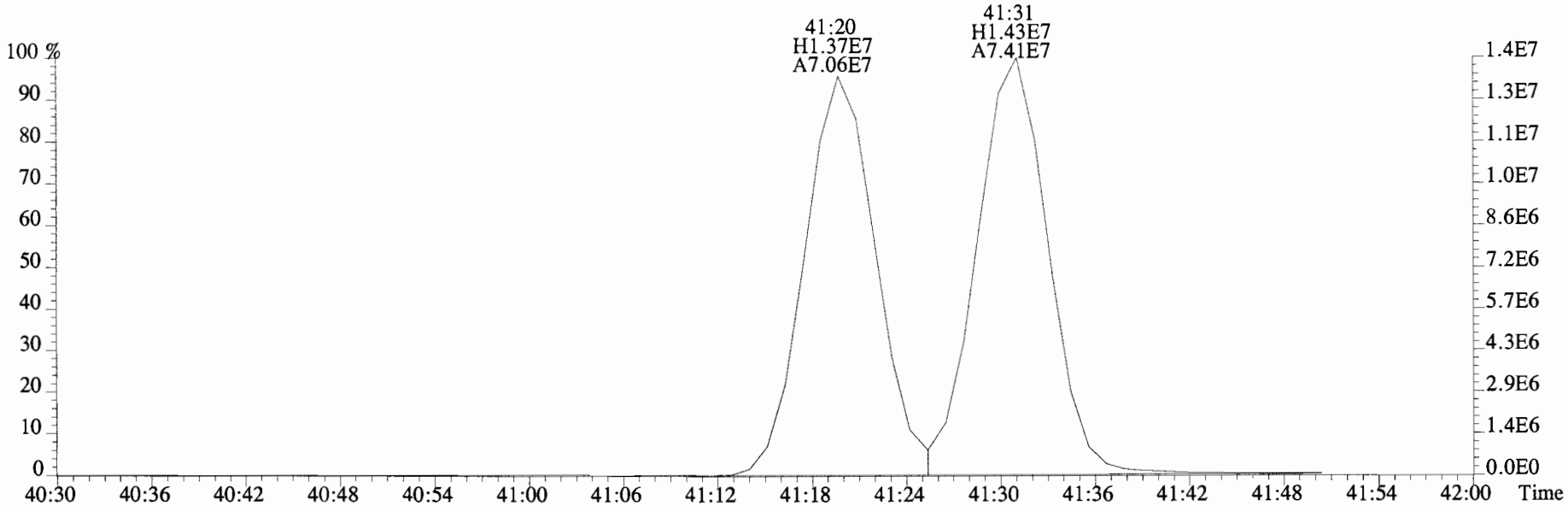
339.9177 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4176.0,0.00%,F,F)



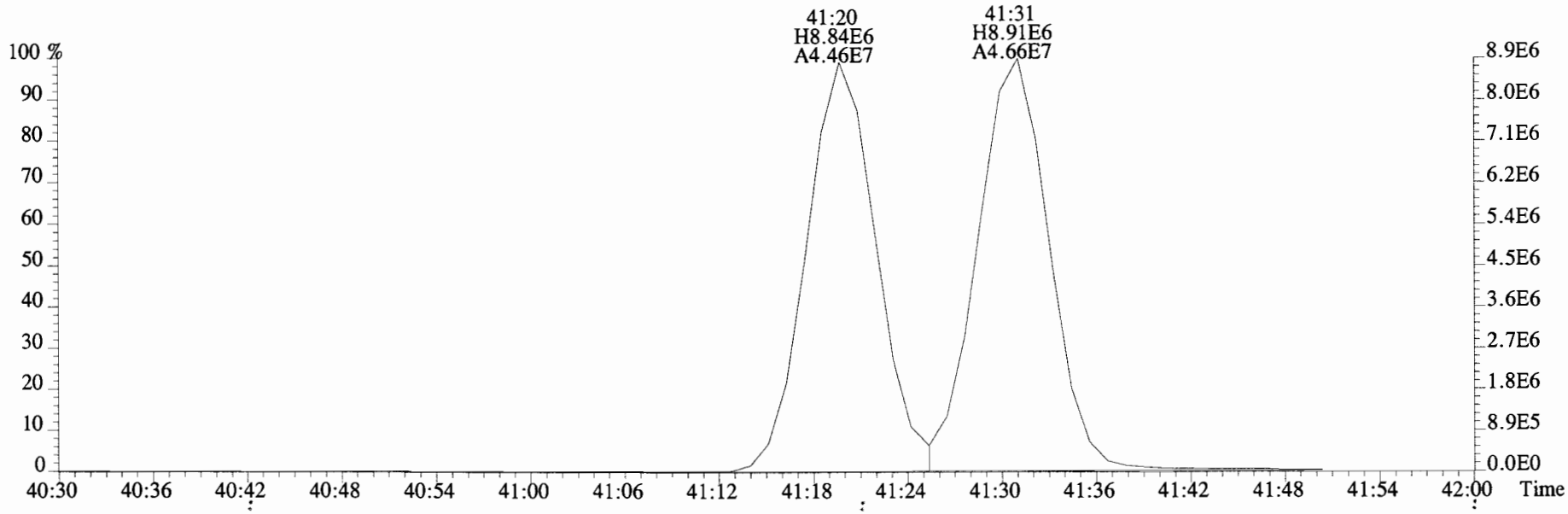
330.9792 S:8 F:3



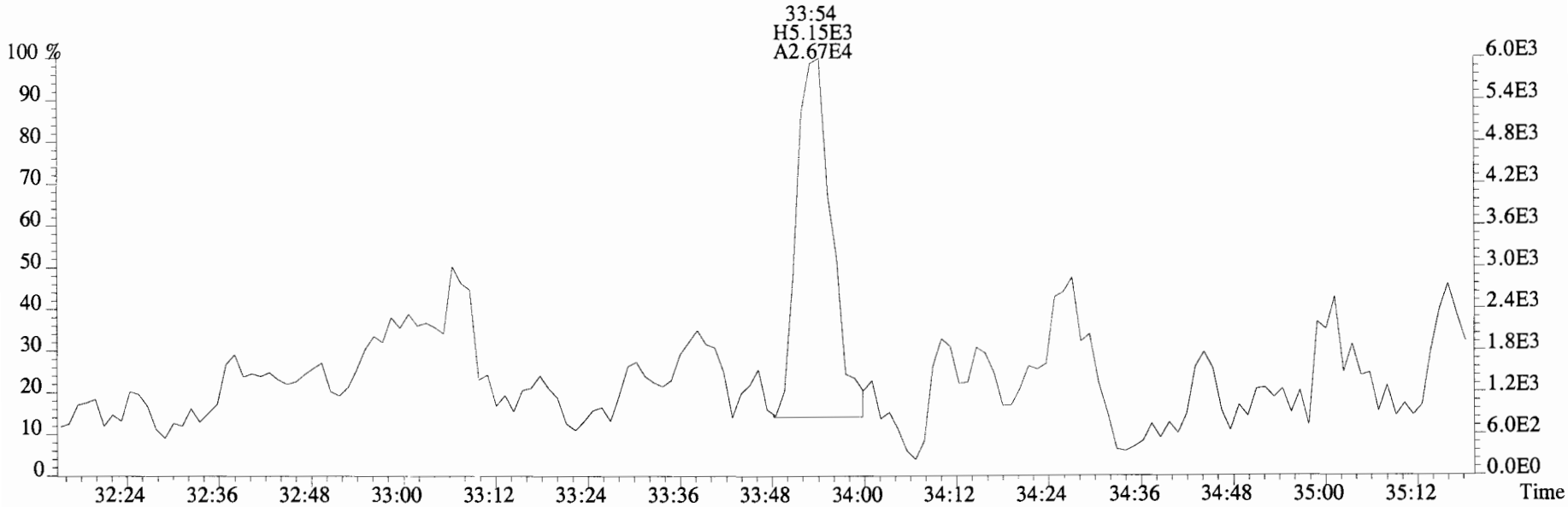
File:180315E1 #1-756 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
337.9207 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6016.0,0.00%,F,F)



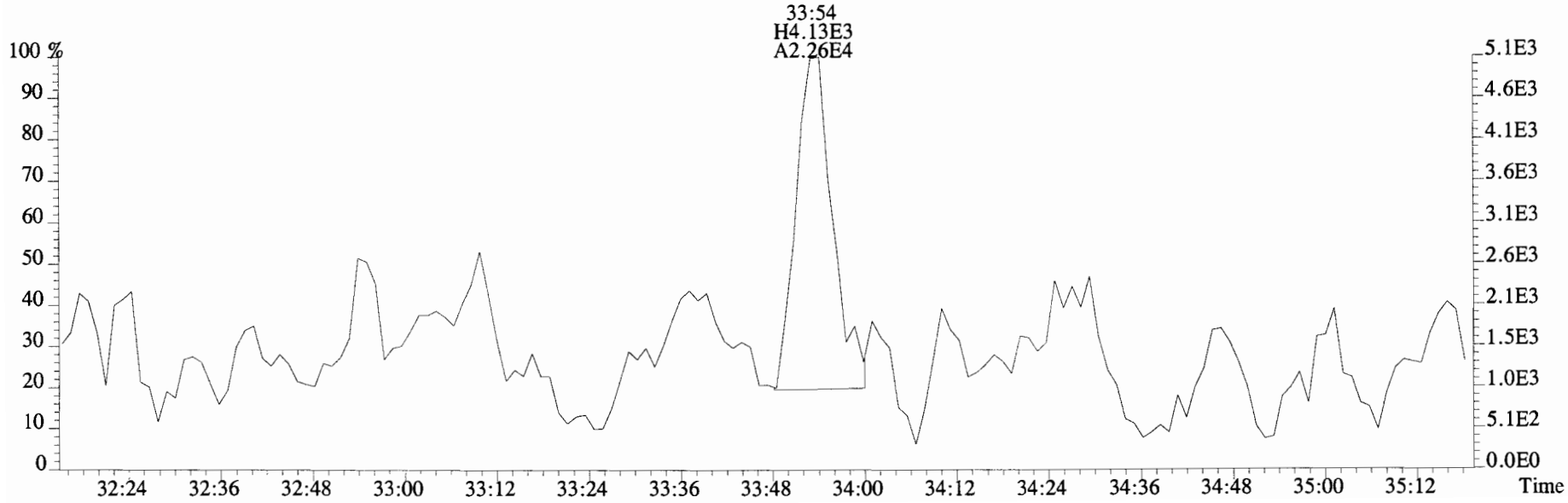
339.9177 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4176.0,0.00%,F,F)



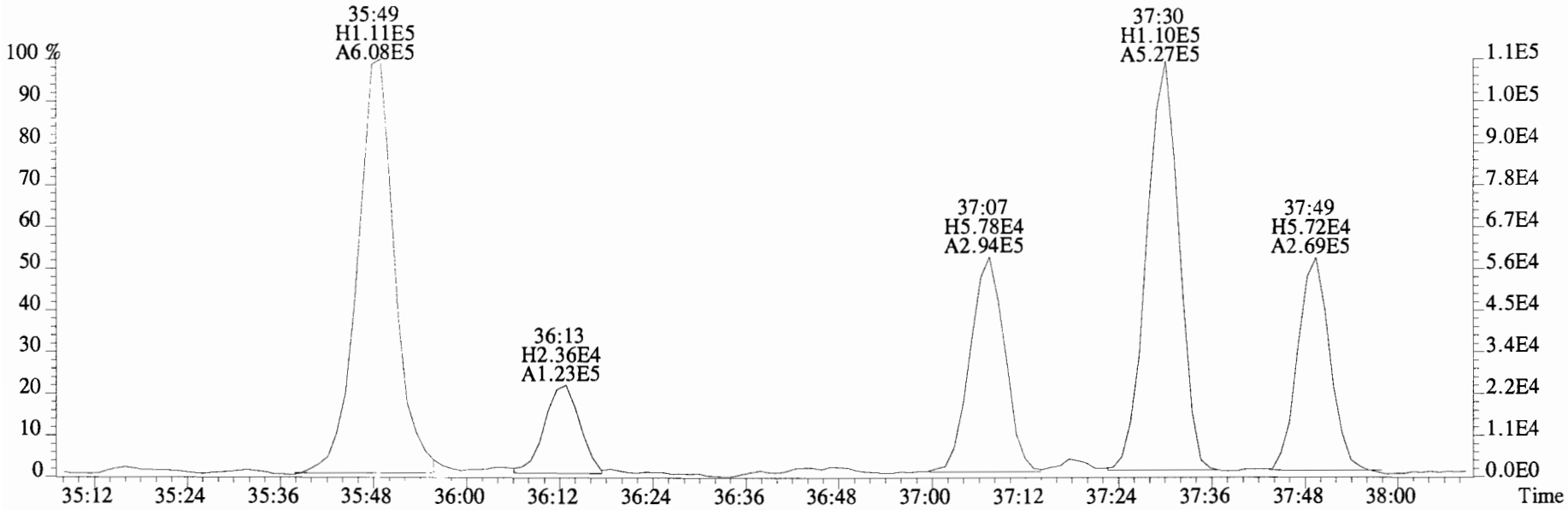
File:180315E1 #1-756 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
325.8804 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0)



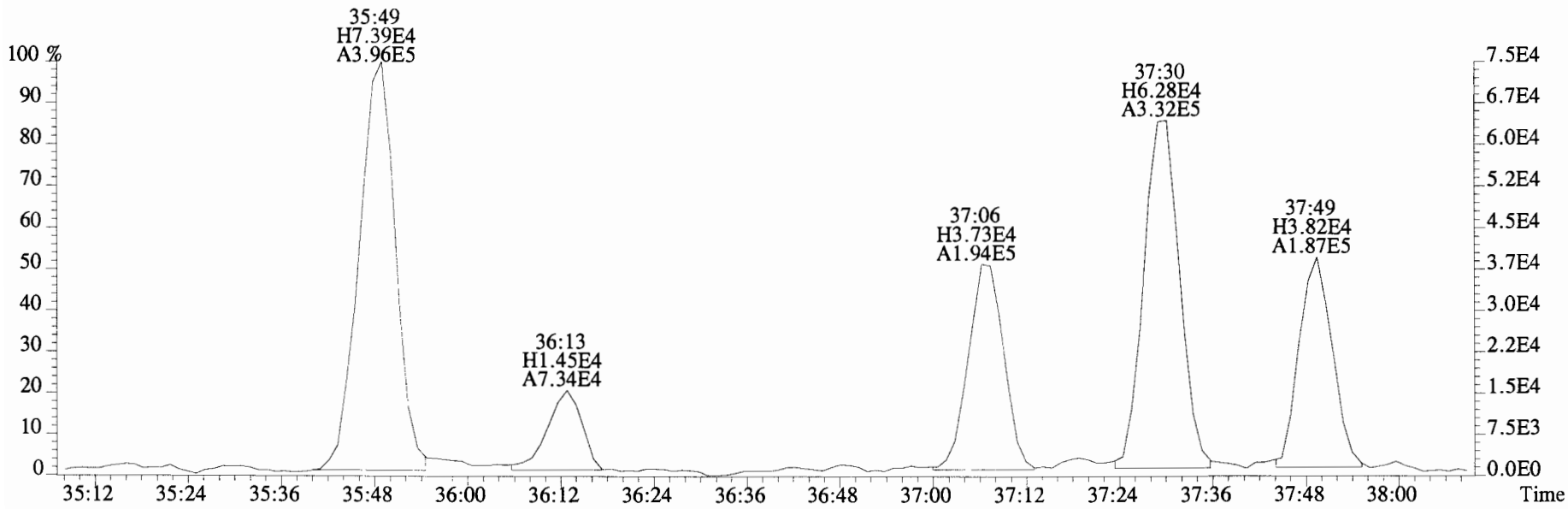
327.8775 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0)



File:180315E1 #1-756 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
325.8804 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0)

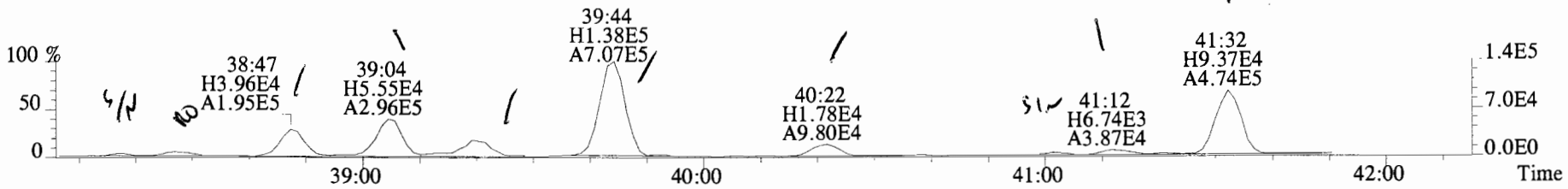


327.8775 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0)

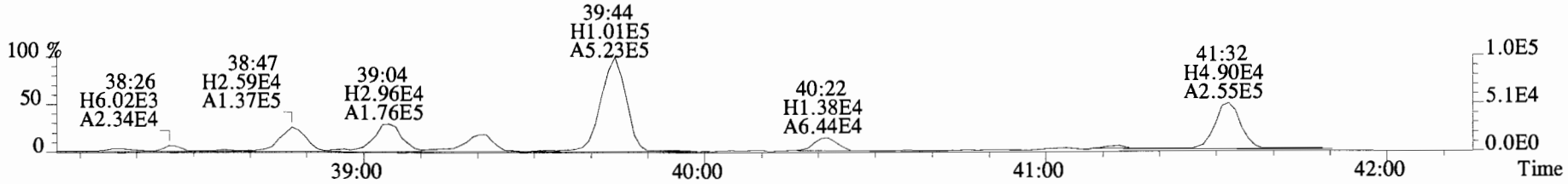


File:180315E1 #1-756 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1

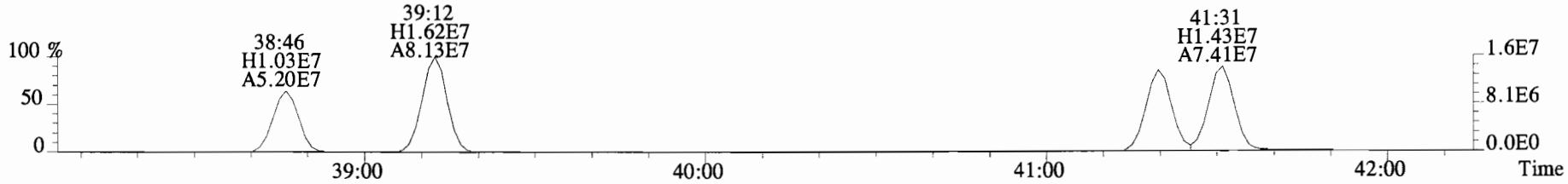
325.8804 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2084.0,0.00%,F,F)



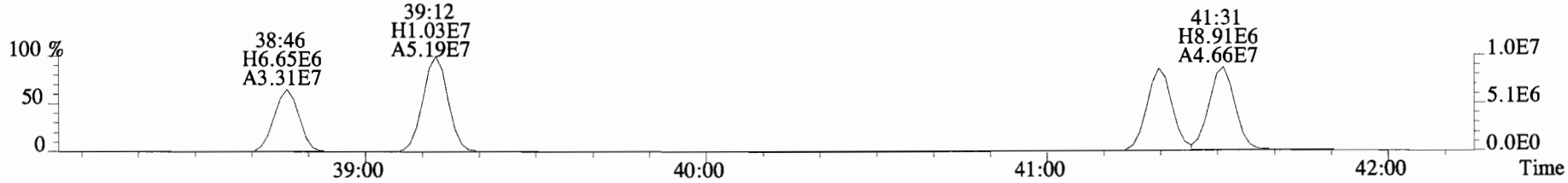
327.8775 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2088.0,0.00%,F,F)



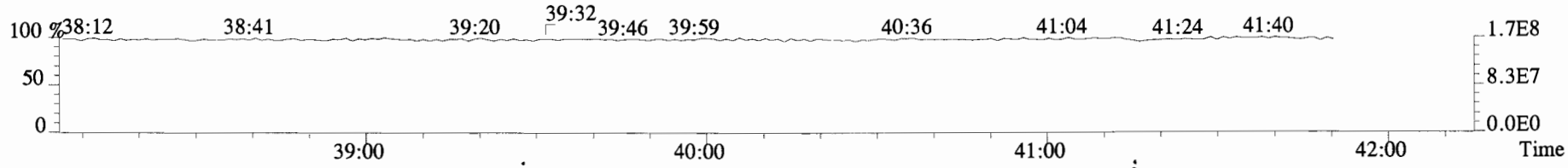
337.9207 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6016.0,0.00%,F,F)



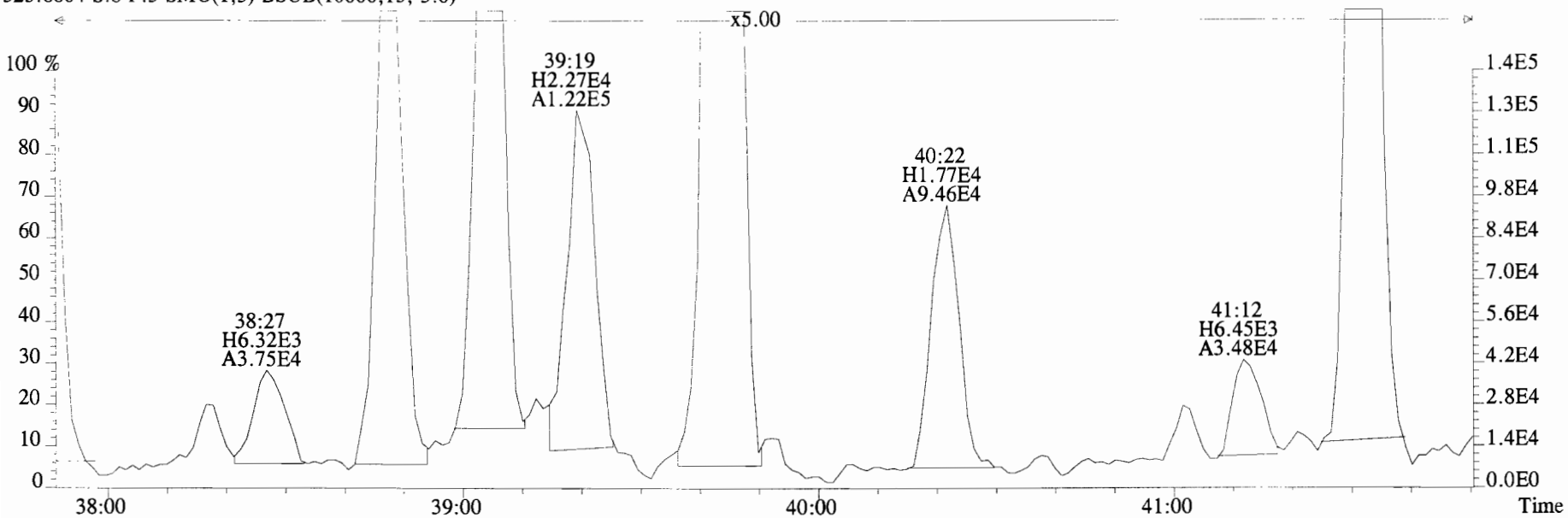
339.9177 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4176.0,0.00%,F,F)



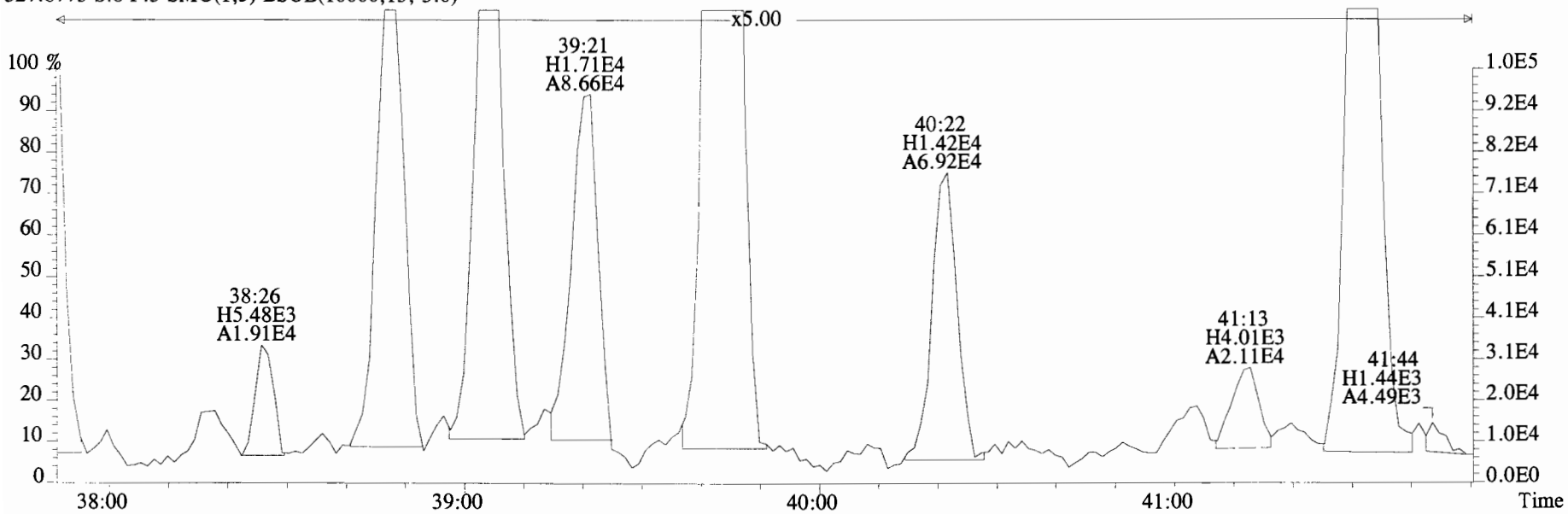
330.9792 S:8 F:3



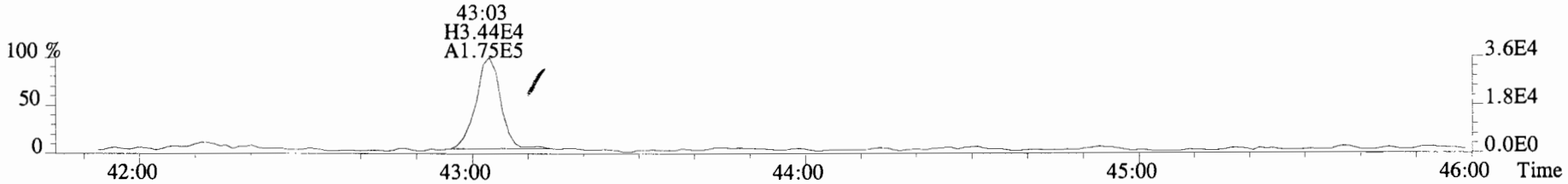
File:180315E1 #1-756 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
325.8804 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0)



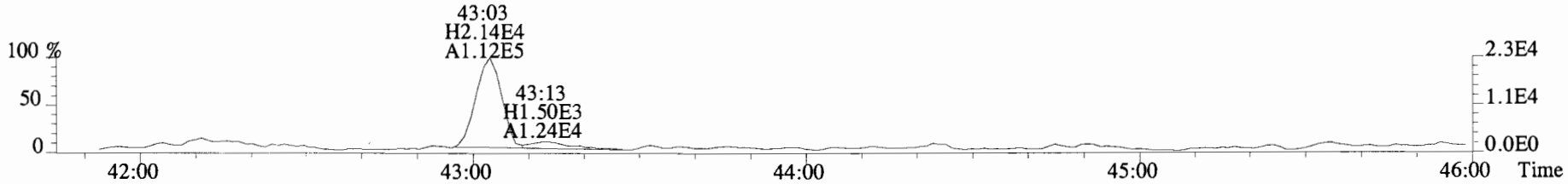
327.8775 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0)



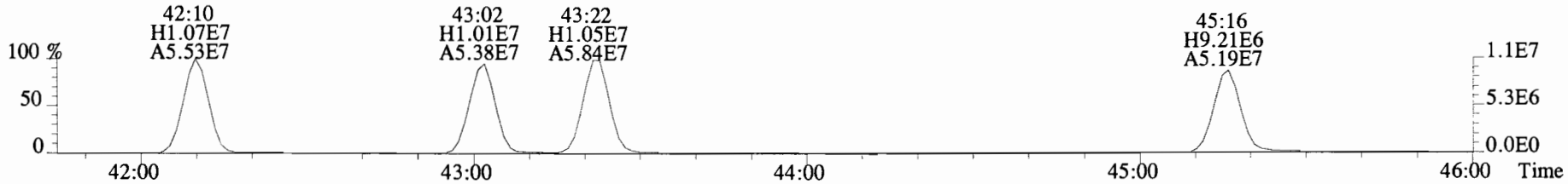
File:180315E1 #1-574 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
325.8804 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1992.0,0.00%,F,F)



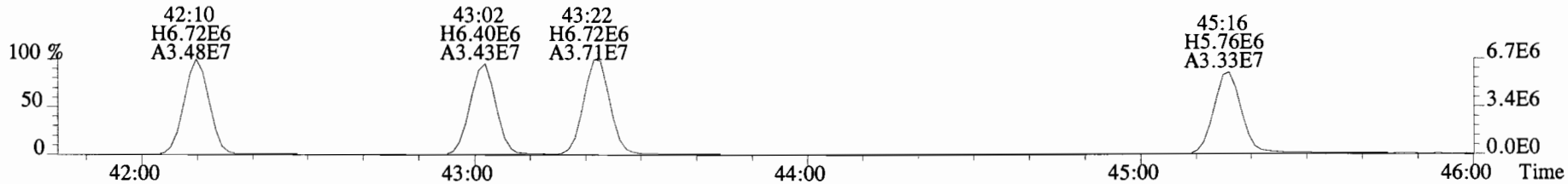
327.8775 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1672.0,0.00%,F,F)



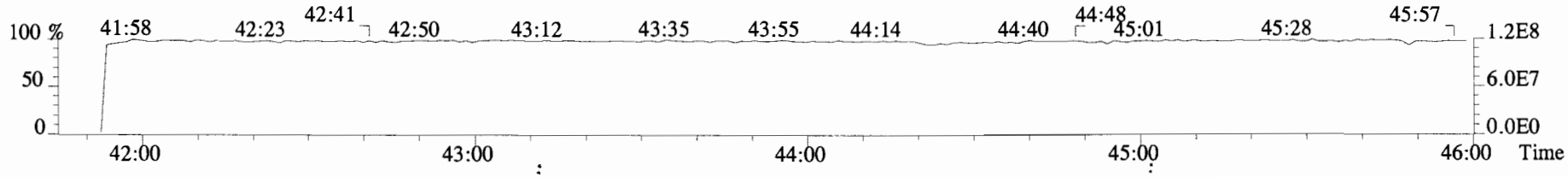
337.9207 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9504.0,0.00%,F,F)



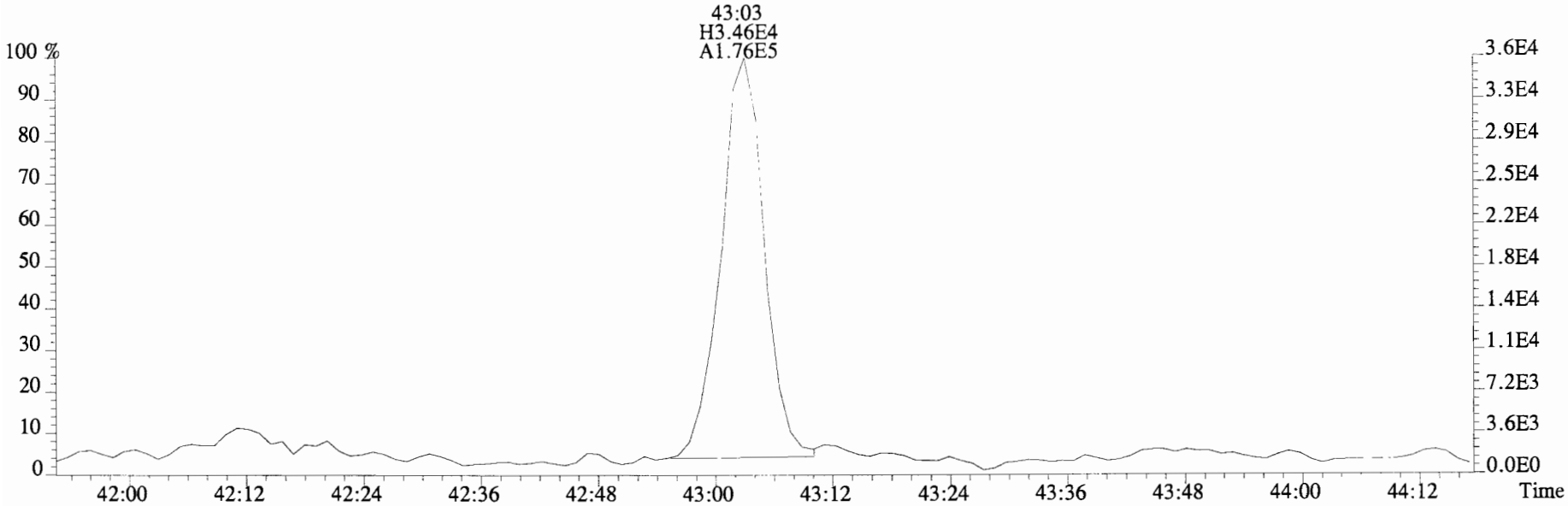
339.9177 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7932.0,0.00%,F,F)



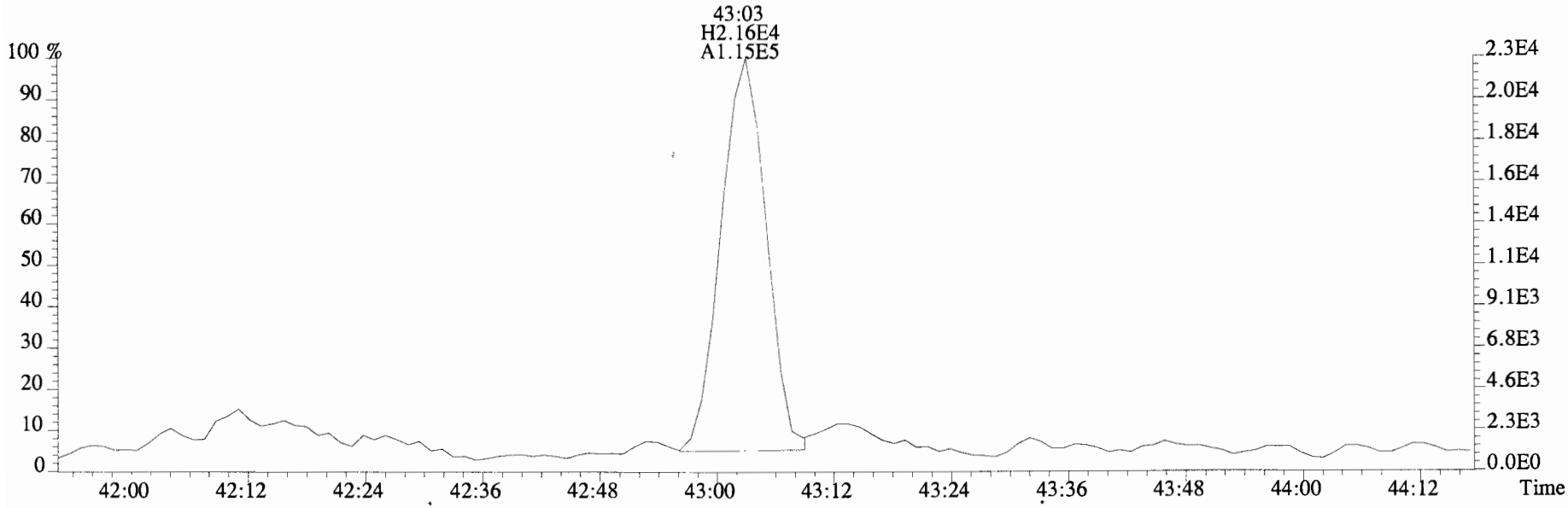
380.9760 S:8 F:4



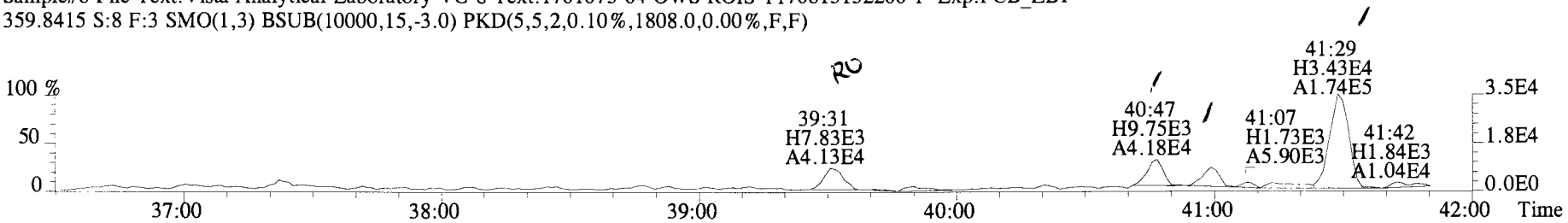
File:180315E1 #1-574 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
325.8804 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1992.0,0.00%,F,F)



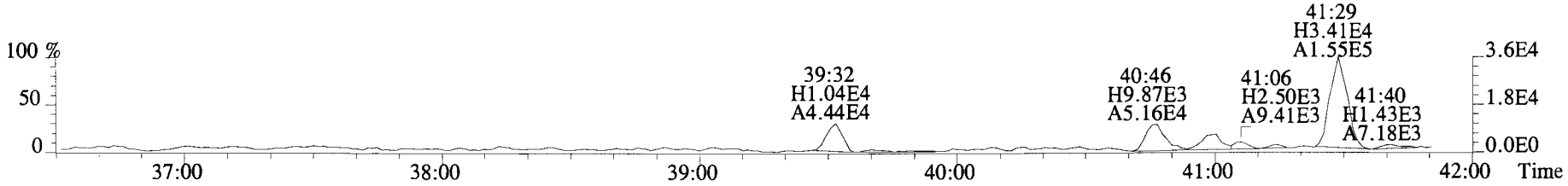
327.8775 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1672.0,0.00%,F,F)



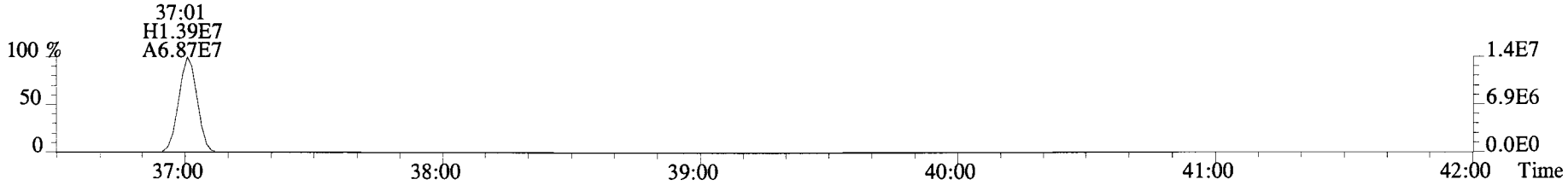
File:180315E1 #1-756 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
359.8415 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1808.0,0.00%,F,F)



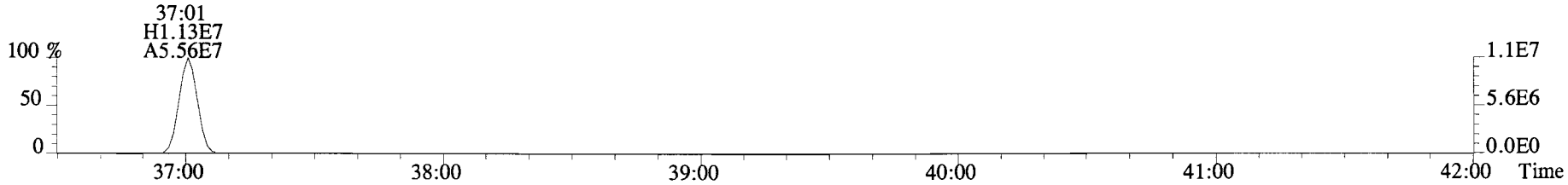
361.8385 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1928.0,0.00%,F,F)



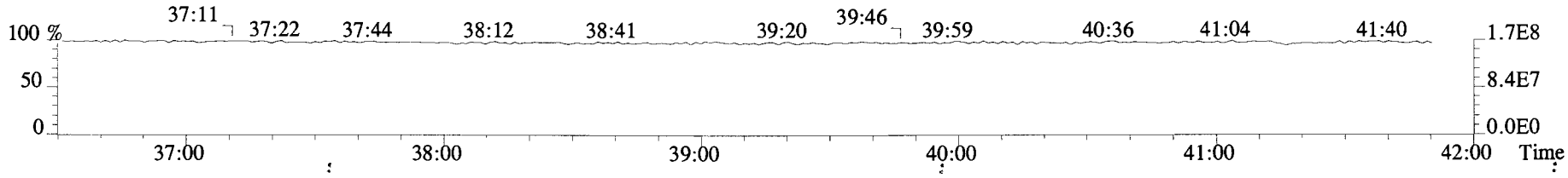
371.8817 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2280.0,0.00%,F,F)



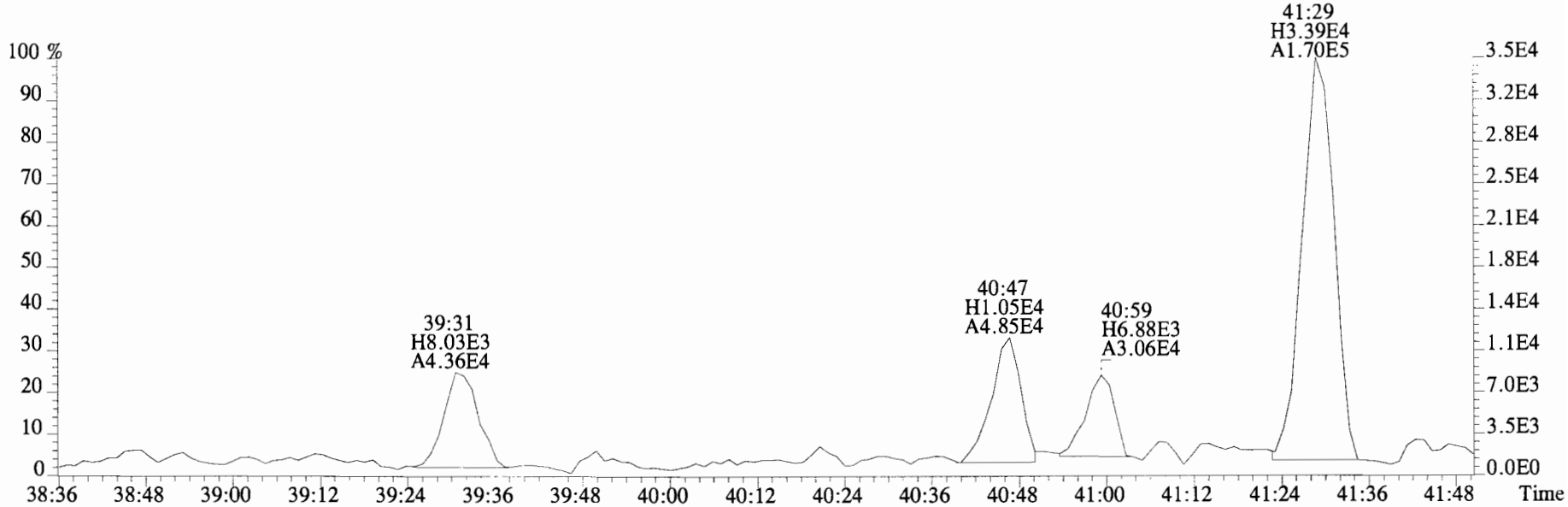
373.8788 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2980.0,0.00%,F,F)



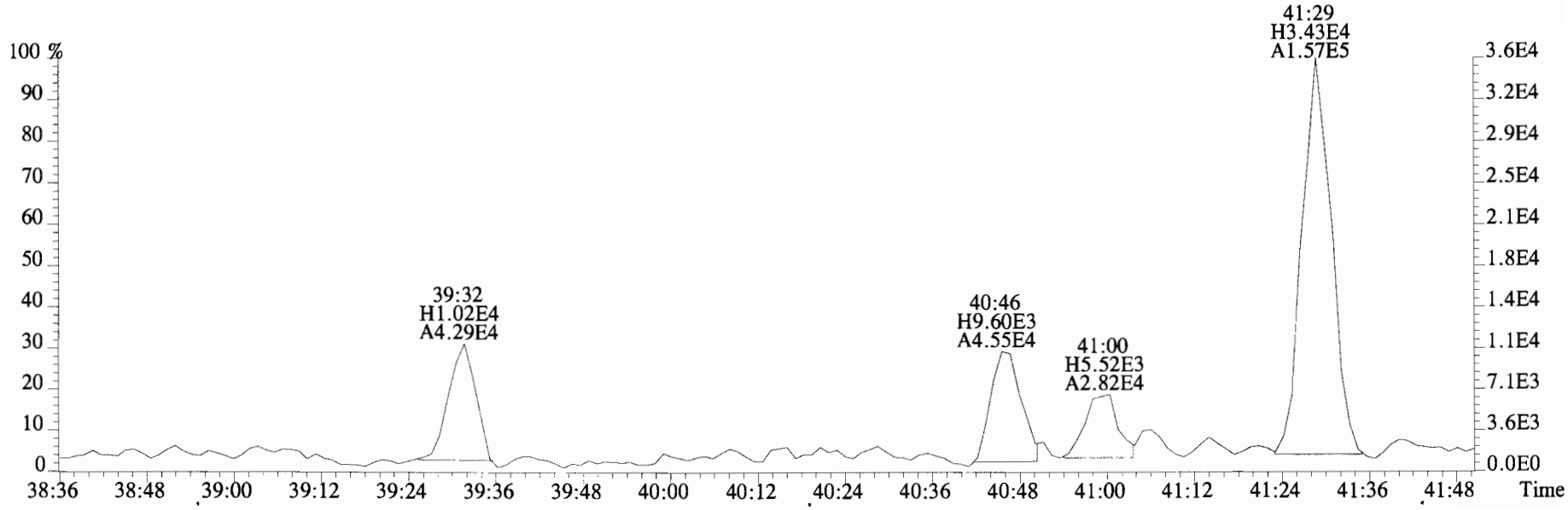
330.9792 S:8 F:3



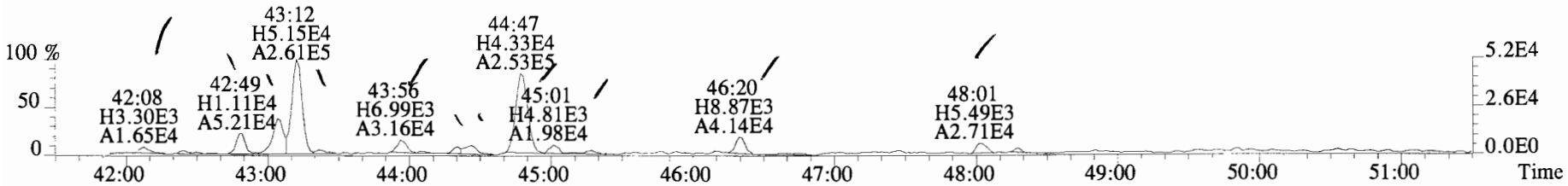
File:180315E1 #1-756 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
359.8415 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1808.0,0.00%,F,F)



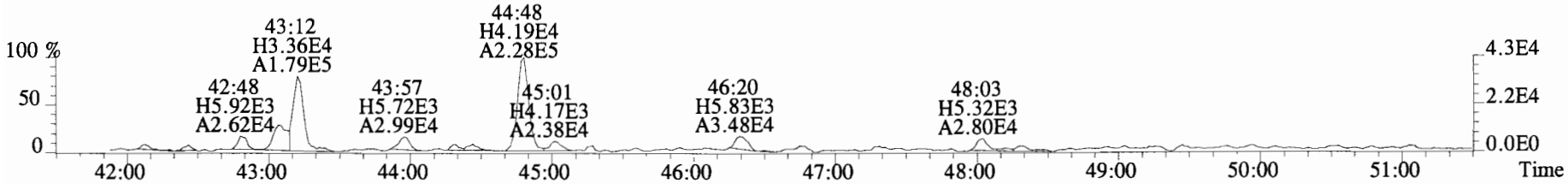
361.8385 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1928.0,0.00%,F,F)



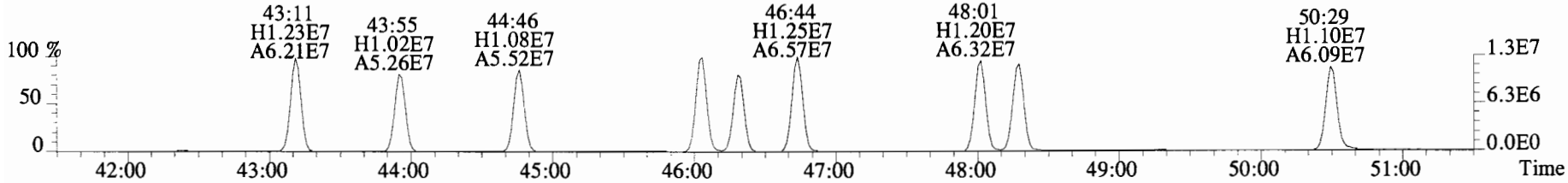
File:180315E1 #1-574 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
359.8415 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1608.0,0.00%,F,F)



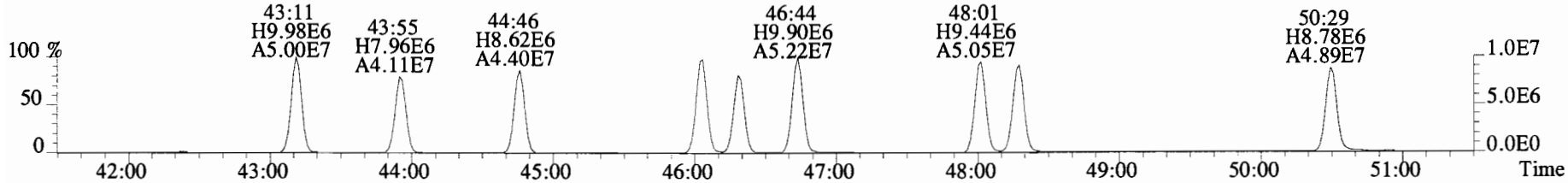
361.8385 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1948.0,0.00%,F,F)



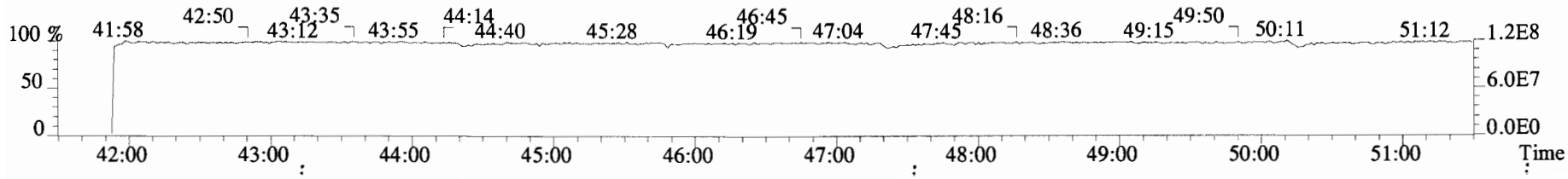
371.8817 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16324.0,0.00%,F,F)



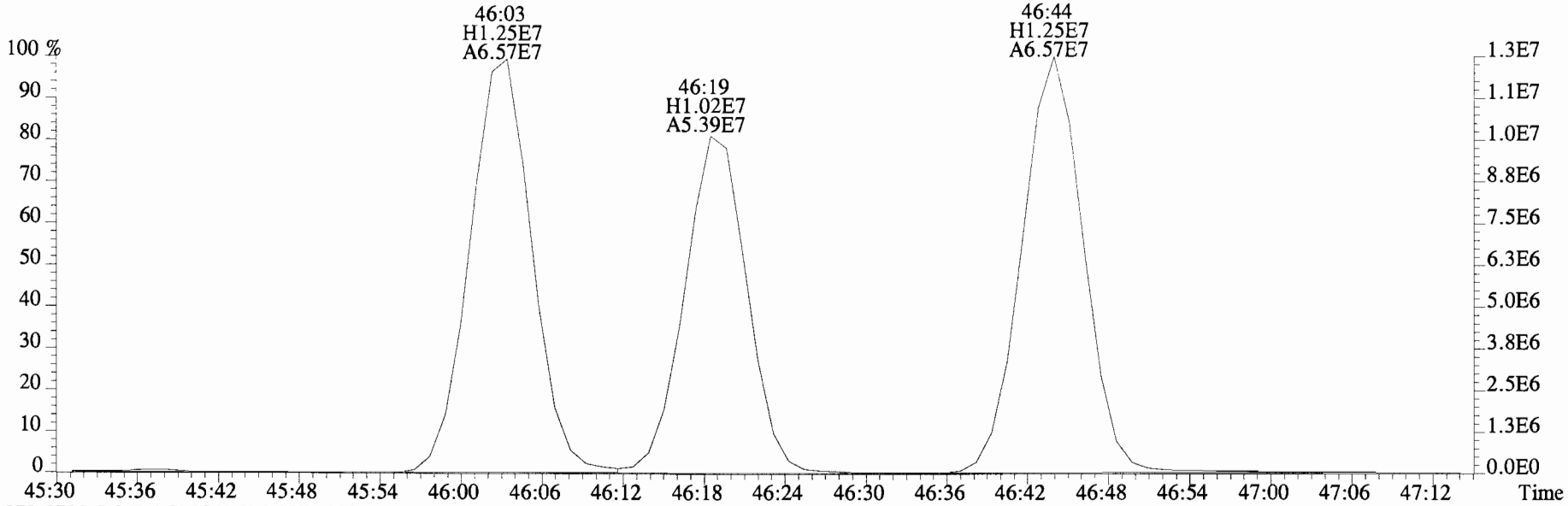
373.8788 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13868.0,0.00%,F,F)



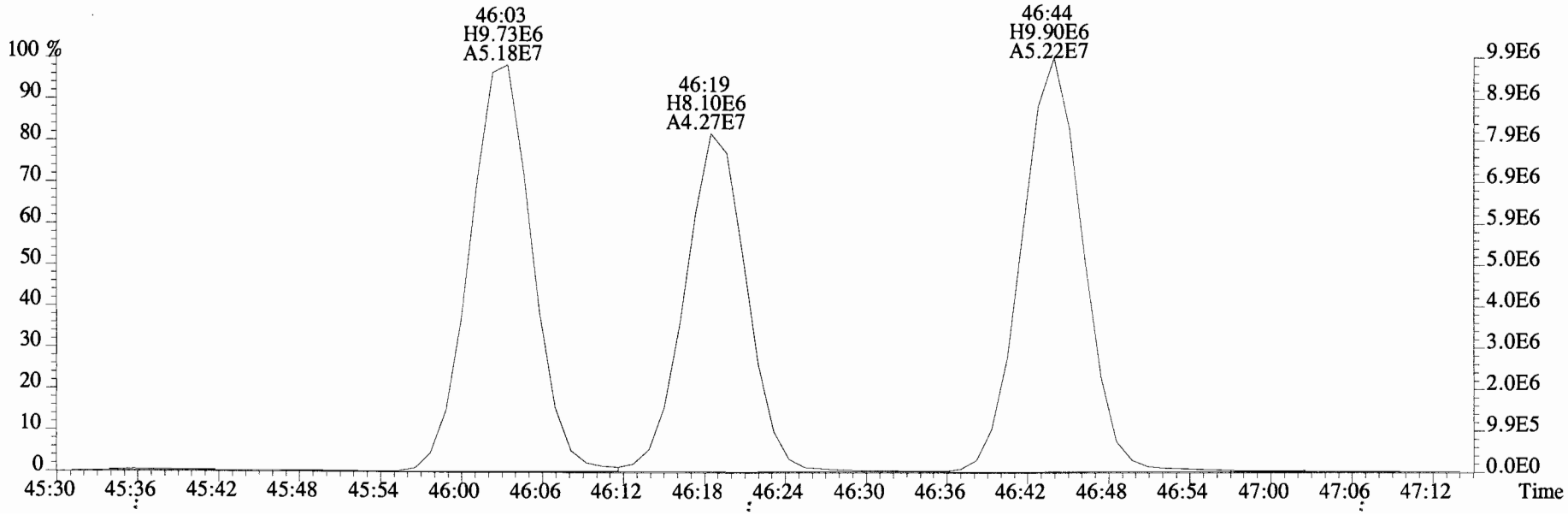
380.9760 S:8 F:4



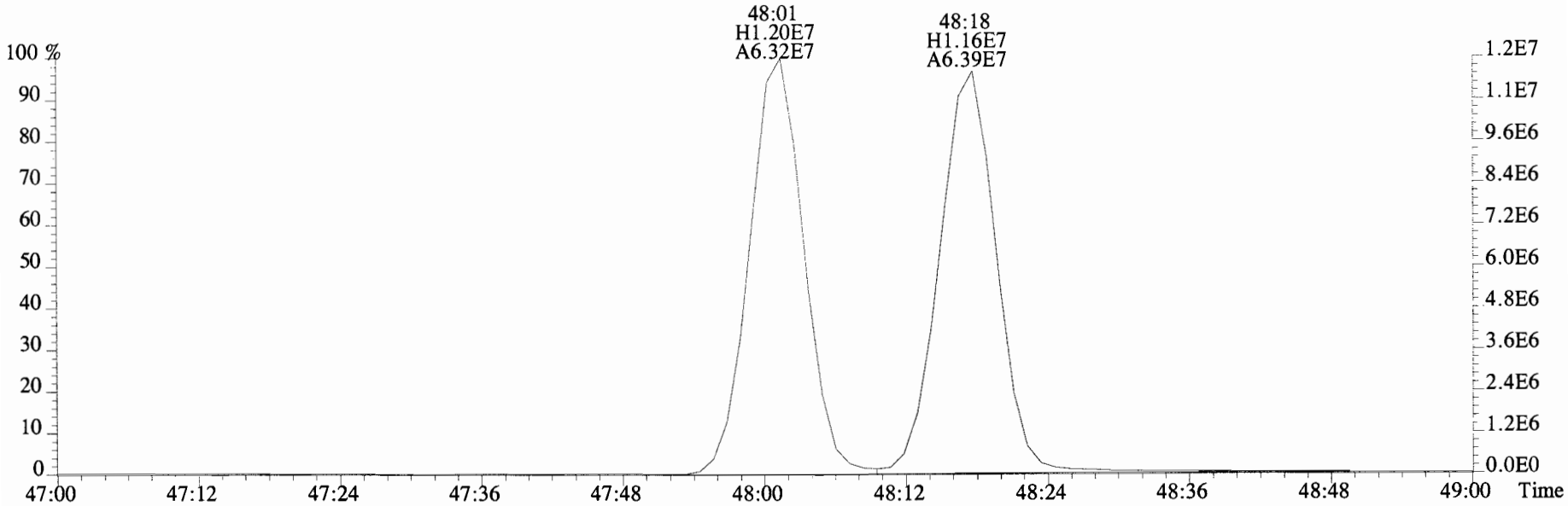
File:180315E1 #1-574 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
371.8817 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16324.0,0.00%,F,F)



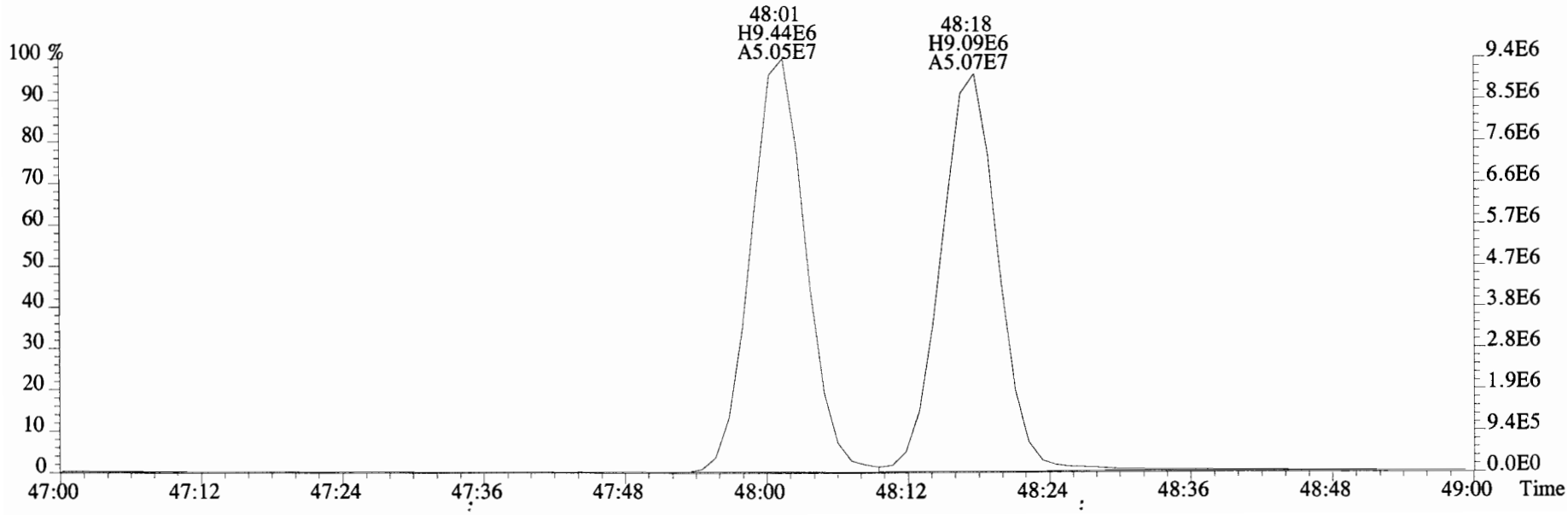
373.8788 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13868.0,0.00%,F,F)



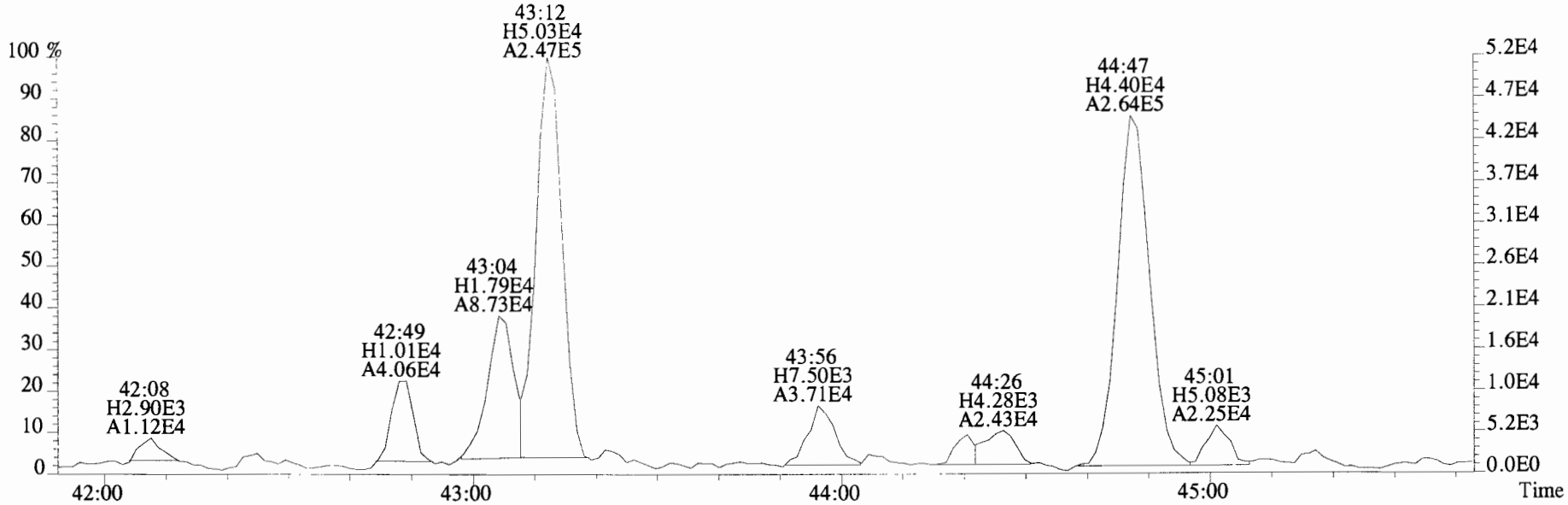
File:180315E1 #1-574 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
371.8817 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16324.0,0.00%,F,F)



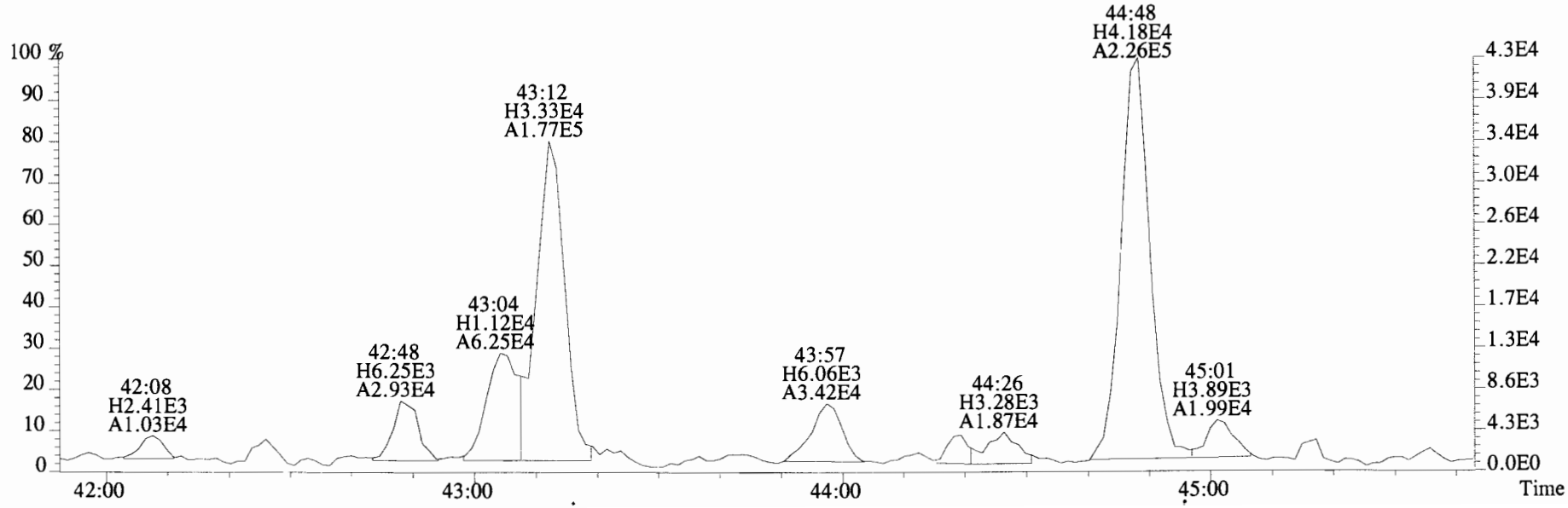
373.8788 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13868.0,0.00%,F,F)



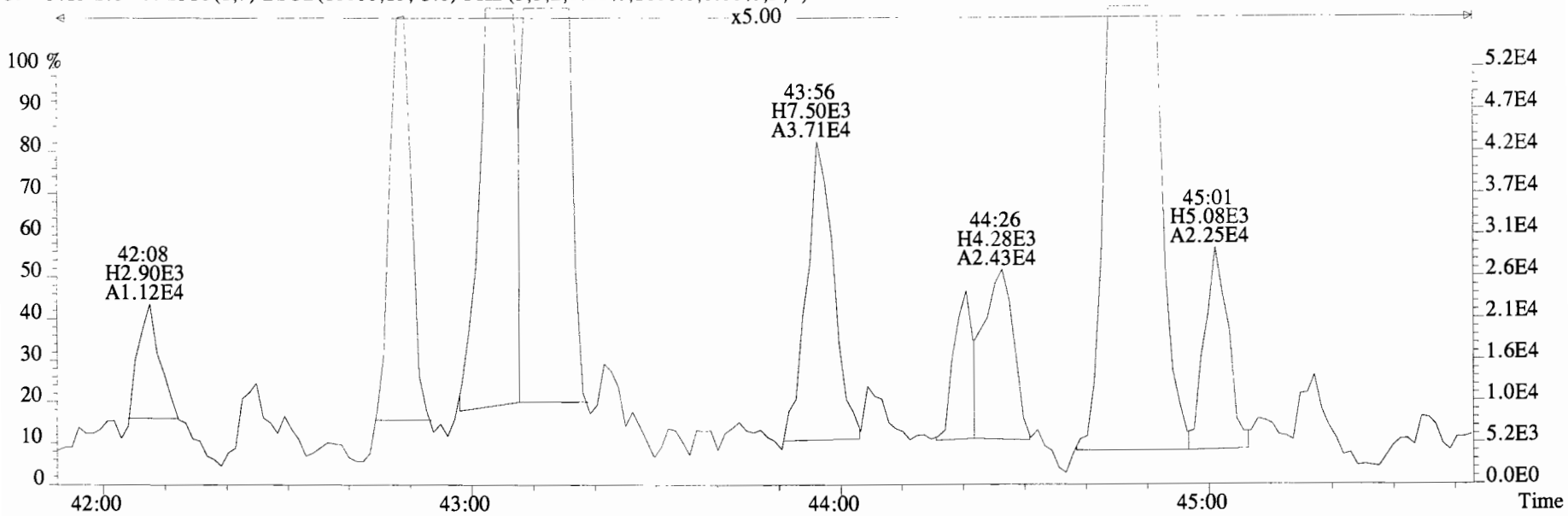
File:180315E1 #1-574 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
359.8415 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1608.0,0.00%,F,F)



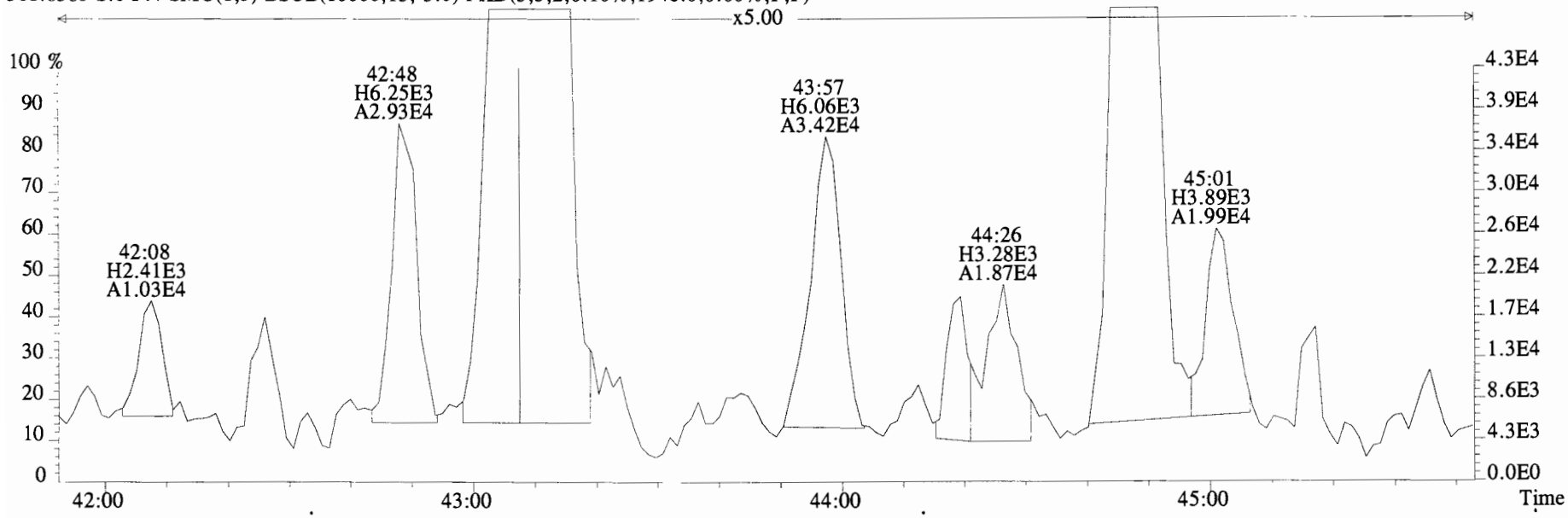
361.8385 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1948.0,0.00%,F,F)



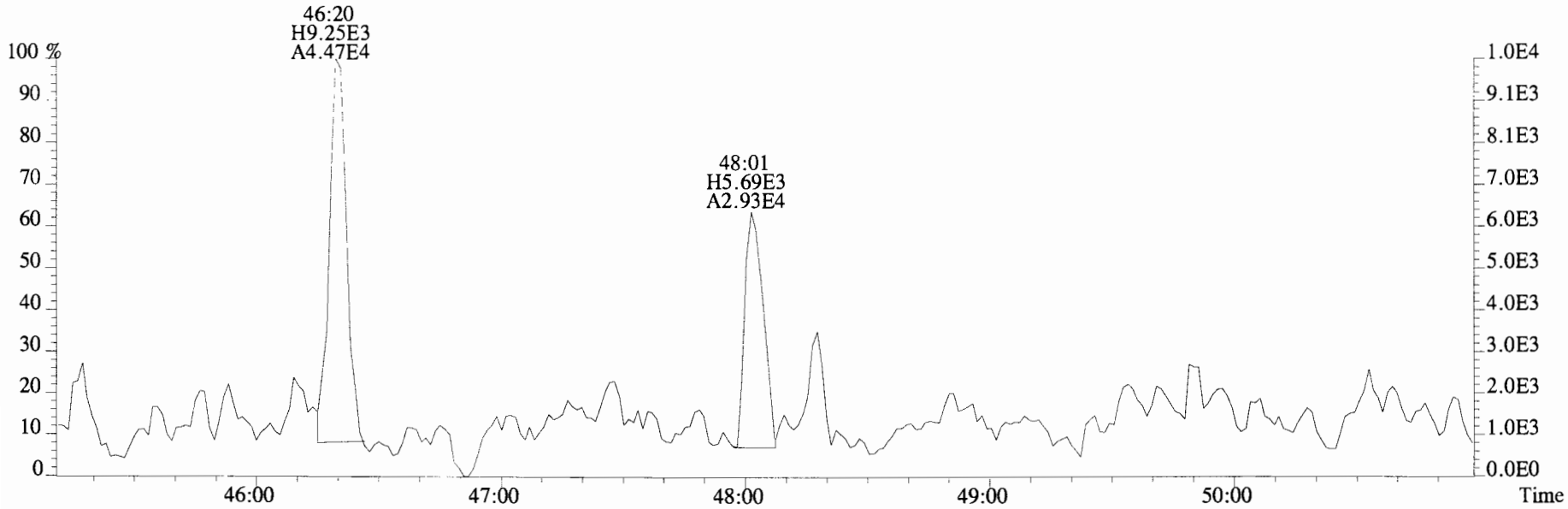
File:180315E1 #1-574 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
359.8415 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1608.0,0.00%,F,F)



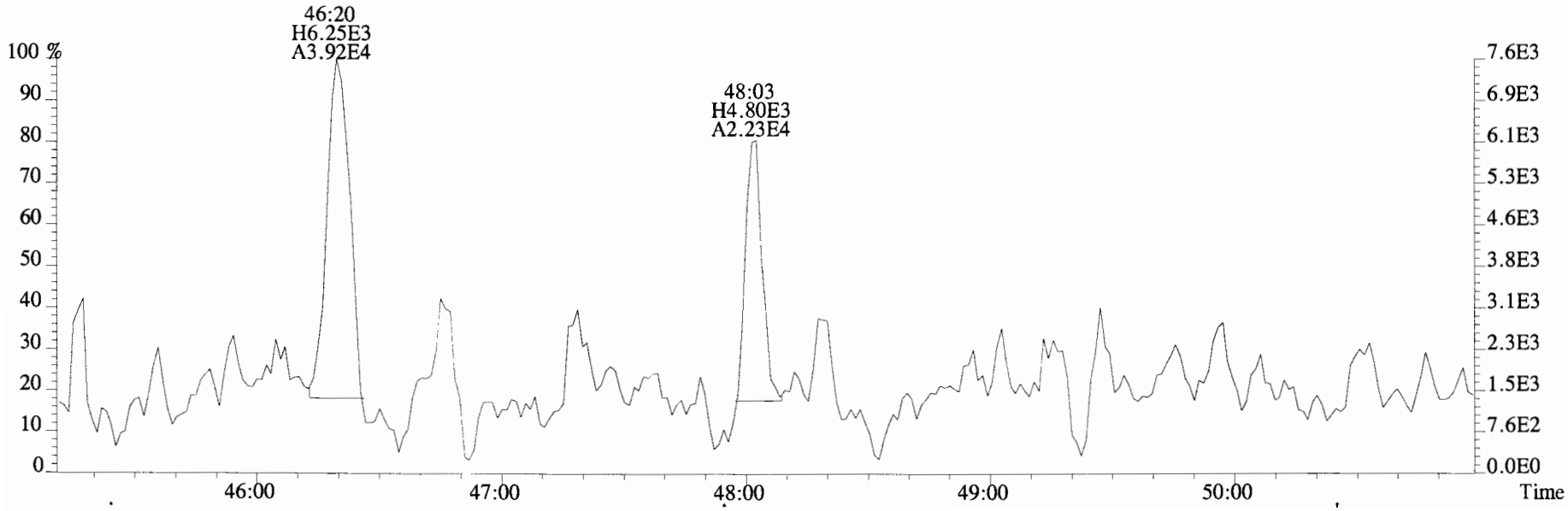
361.8385 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1948.0,0.00%,F,F)



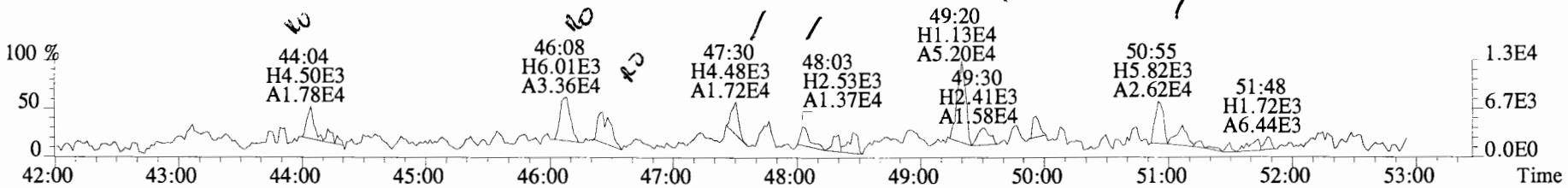
File:180315E1 #1-574 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
359.8415 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1608.0,0.00%,F,F)



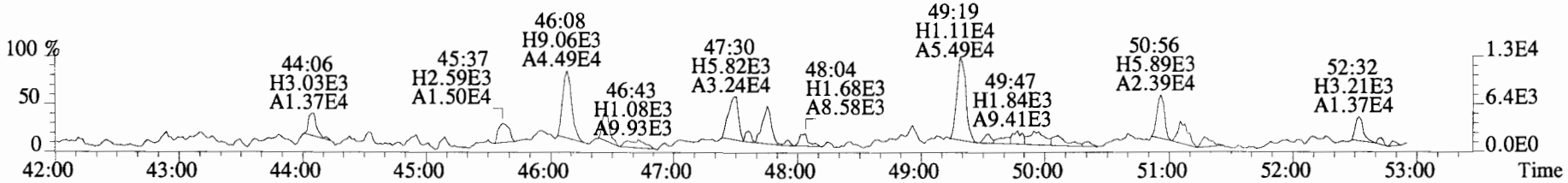
361.8385 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1948.0,0.00%,F,F)



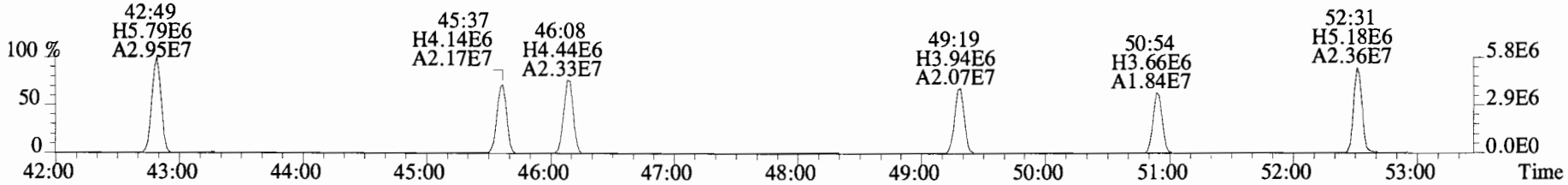
File:180315E1 #1-574 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
393.8025 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2780.0,0.00%,F,F)



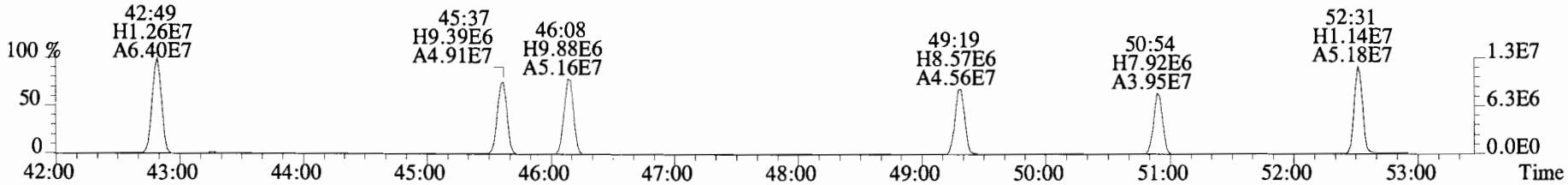
395.7995 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1820.0,0.00%,F,F)



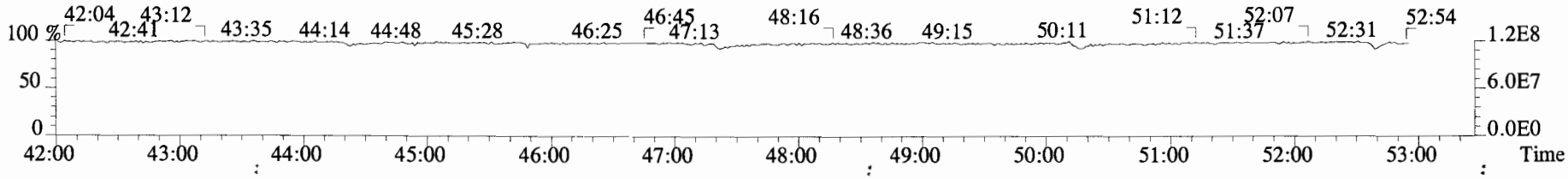
403.8457 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3752.0,0.00%,F,F)



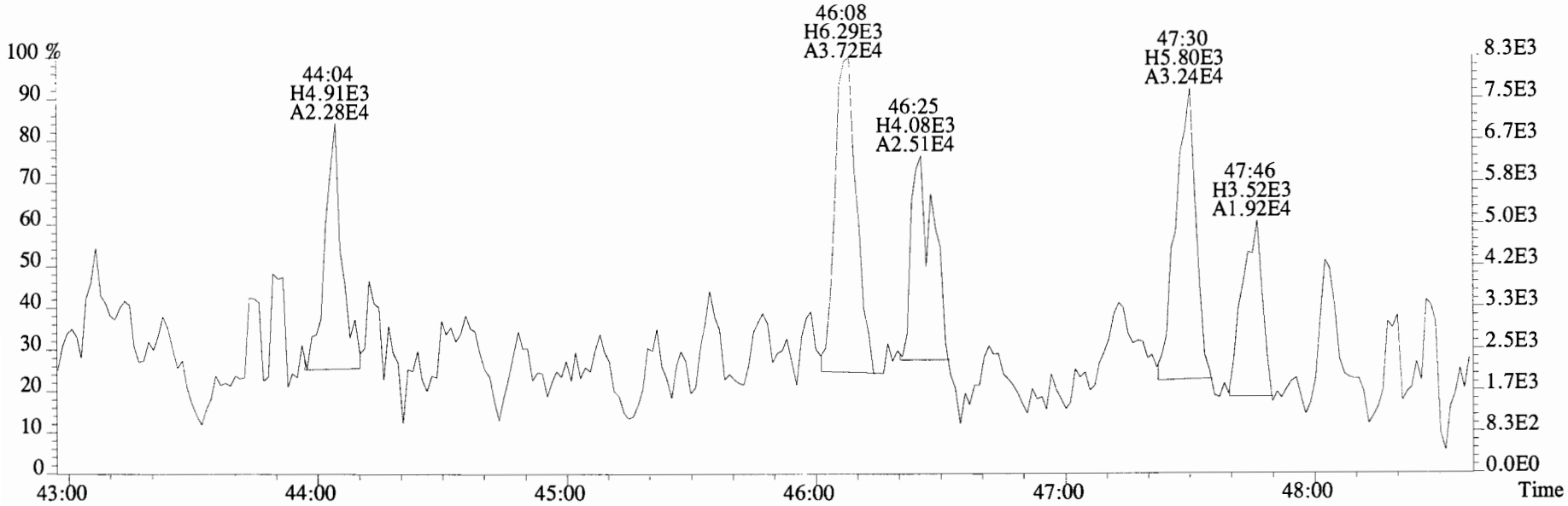
405.8428 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10724.0,0.00%,F,F)



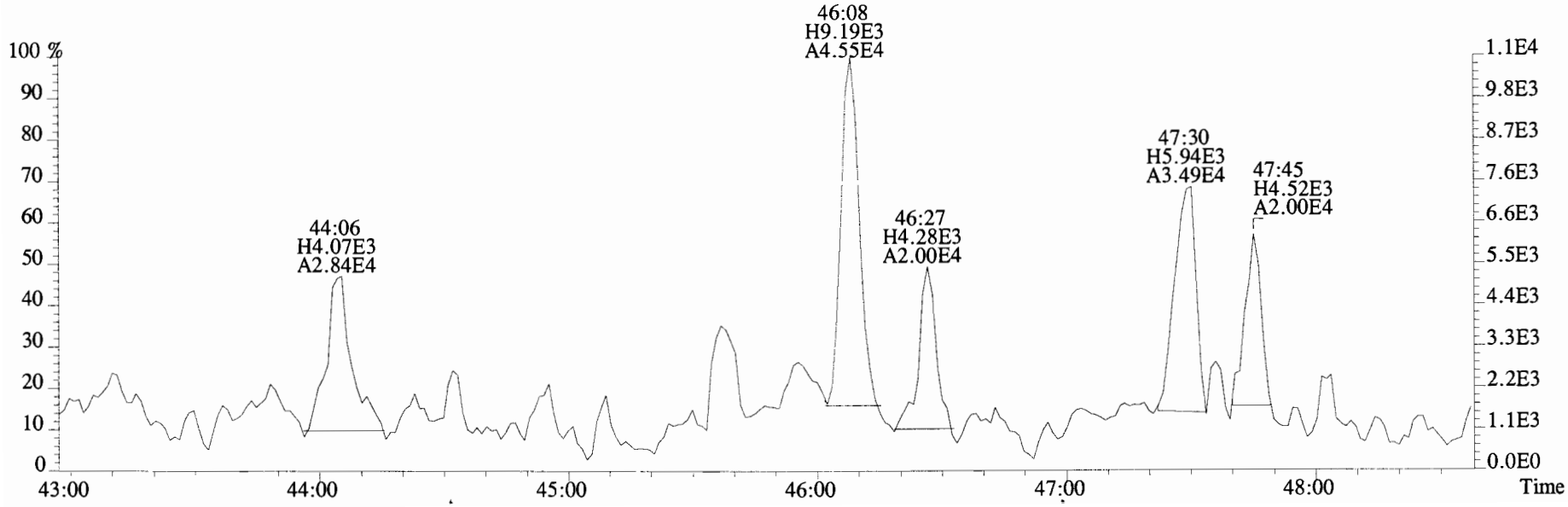
380.9760 S:8 F:4



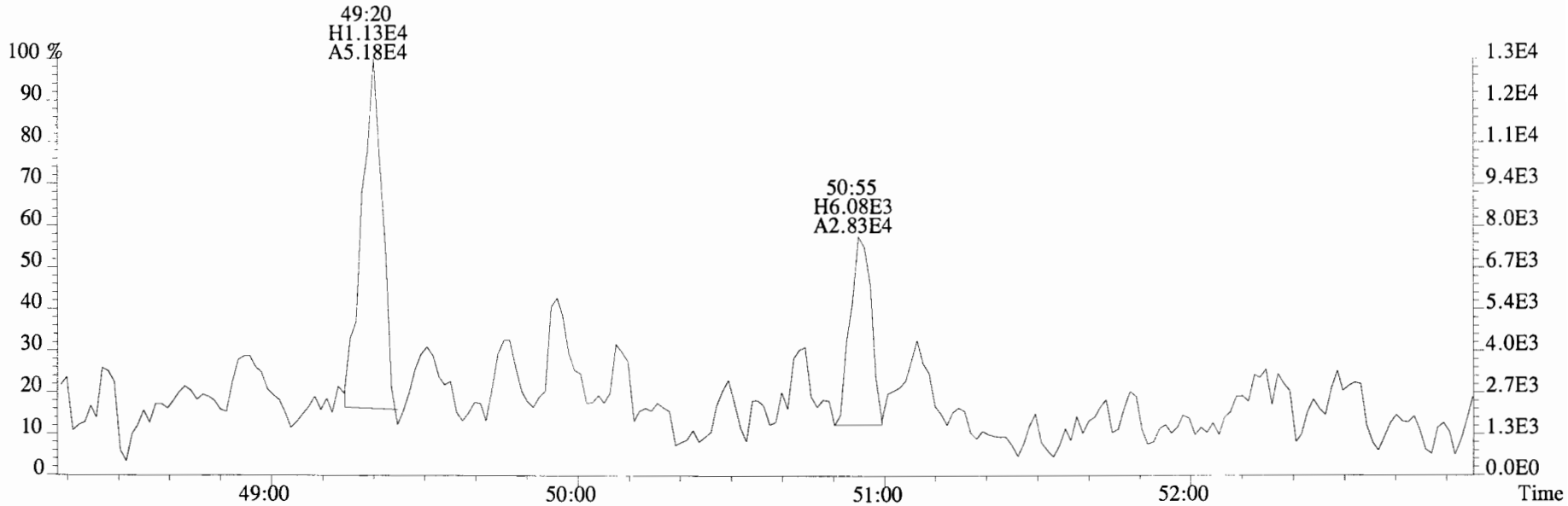
File:180315E1 #1-574 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
393.8025 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2780.0,0.00%,F,F)



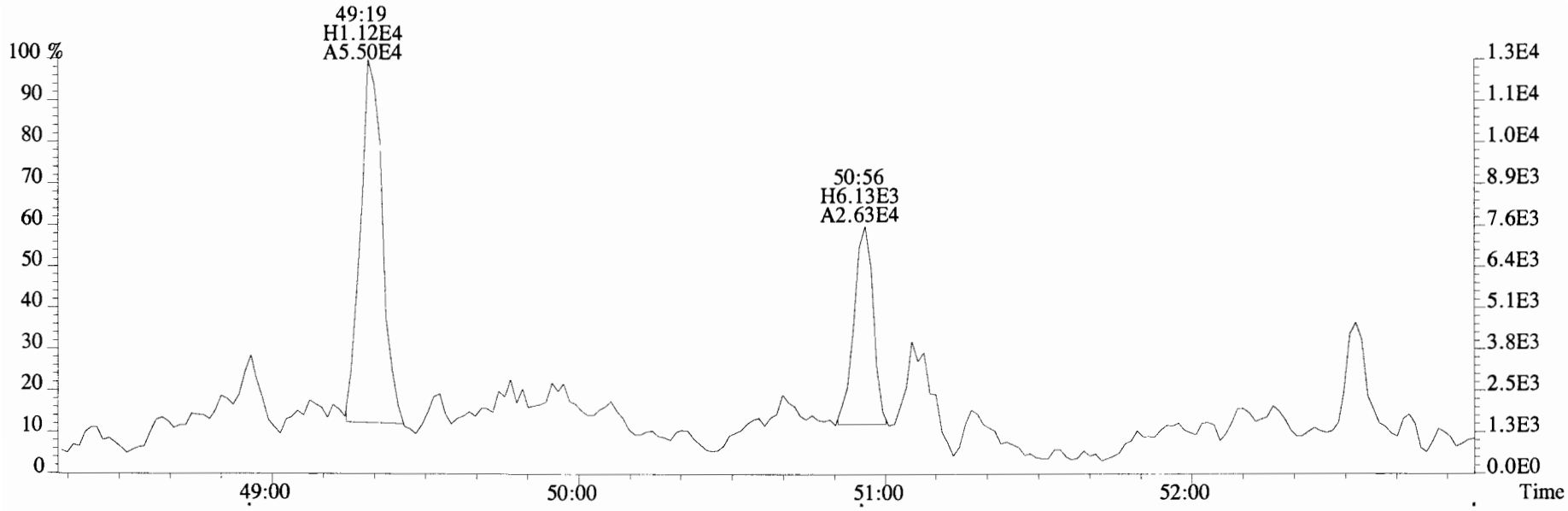
395.7995 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1820.0,0.00%,F,F)



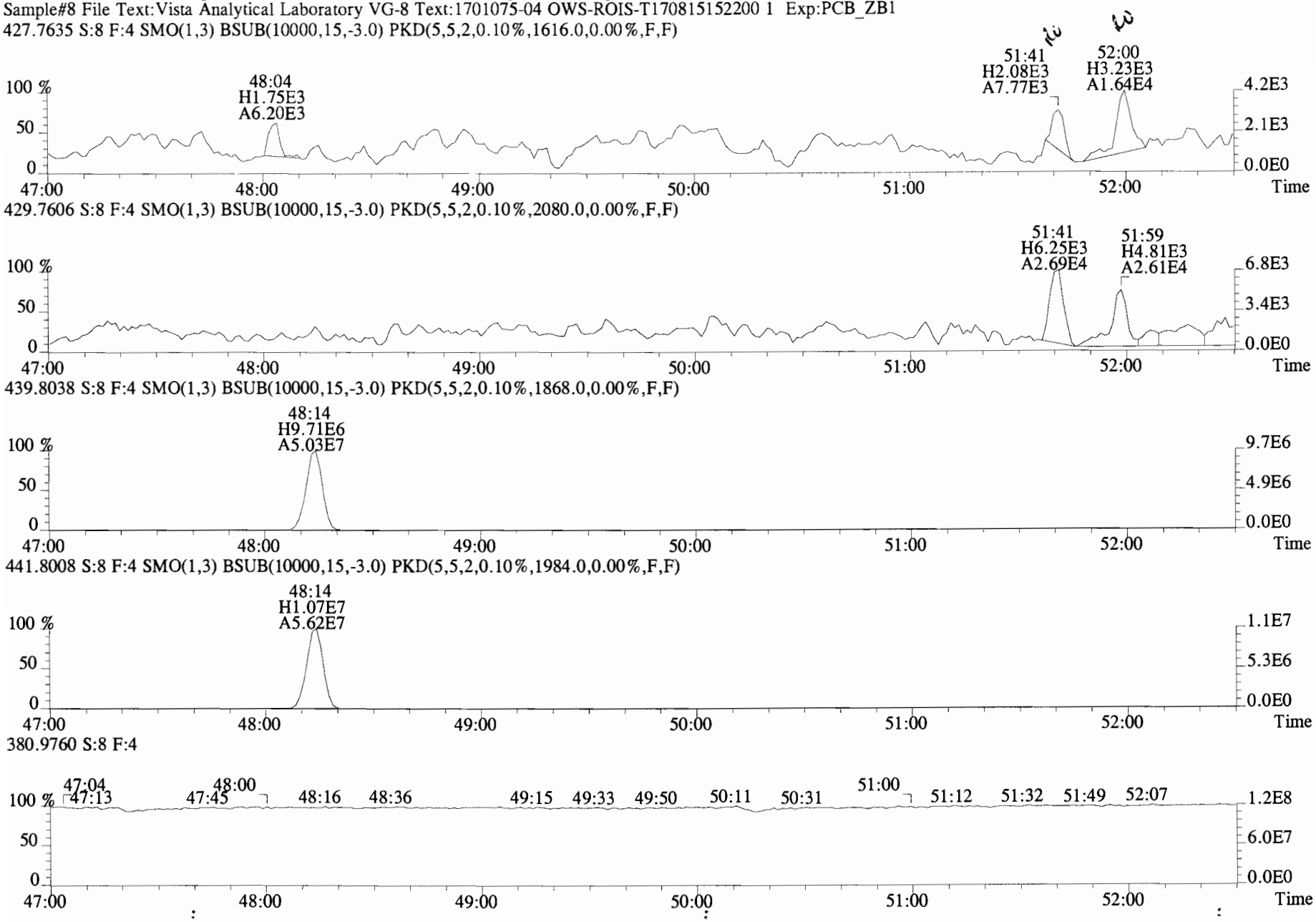
File:180315E1 #1-574 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
393.8025 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2780.0,0.00%,F,F)



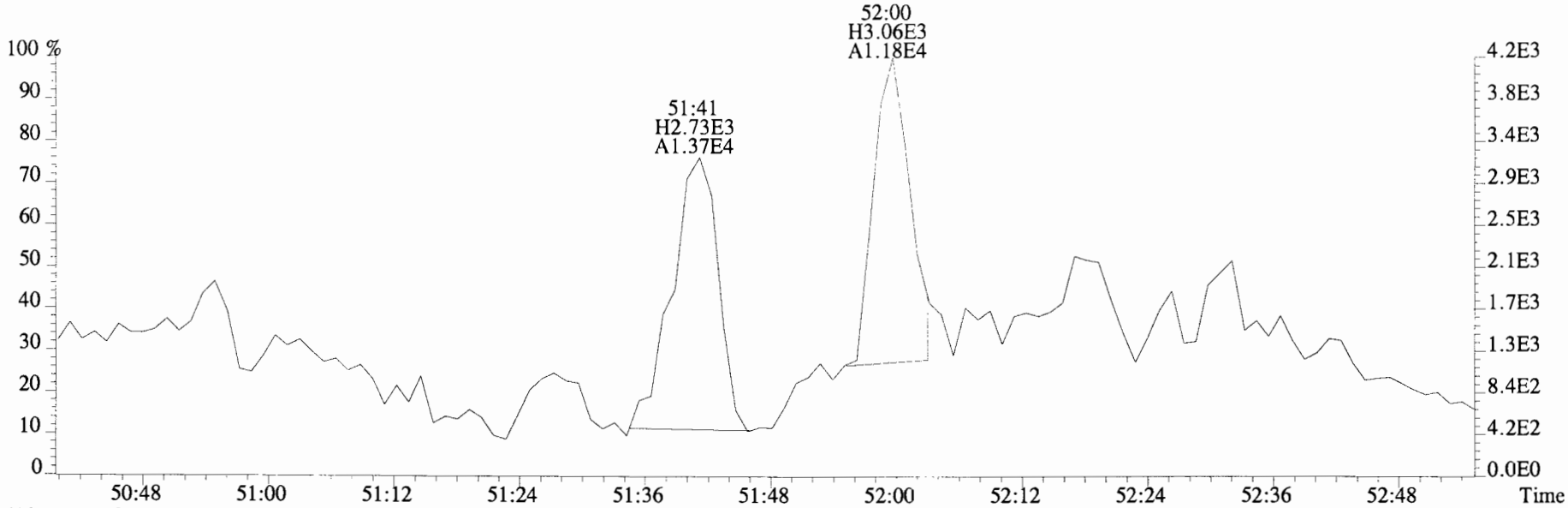
395.7995 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1820.0,0.00%,F,F)



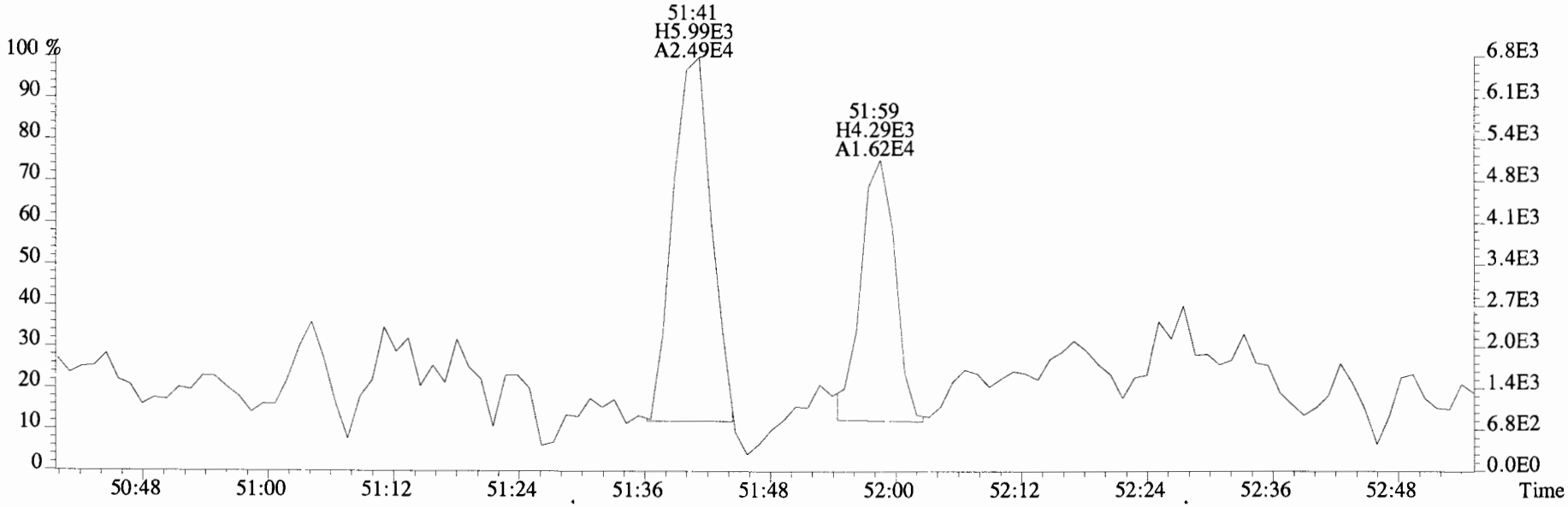
File:180315E1 #1-574 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1



File:180315E1 #1-574 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
427.7635 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0)

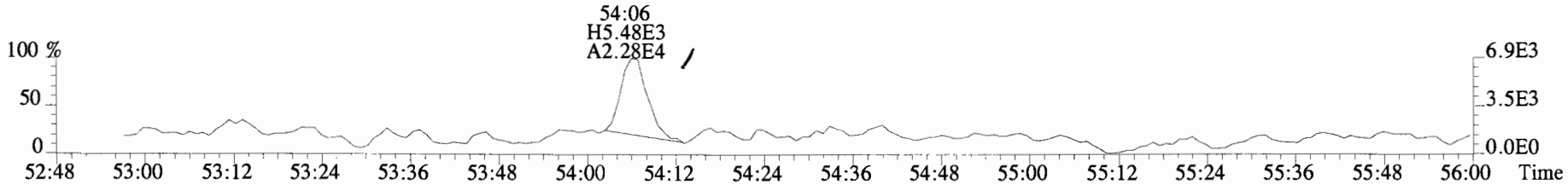


429.7606 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0)

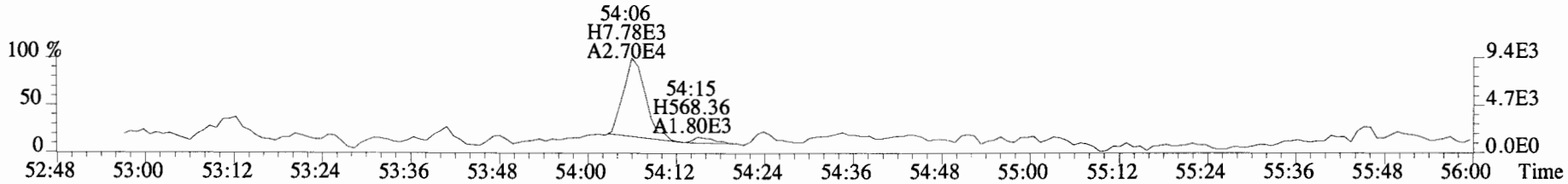


File:180315E1 #1-407 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1

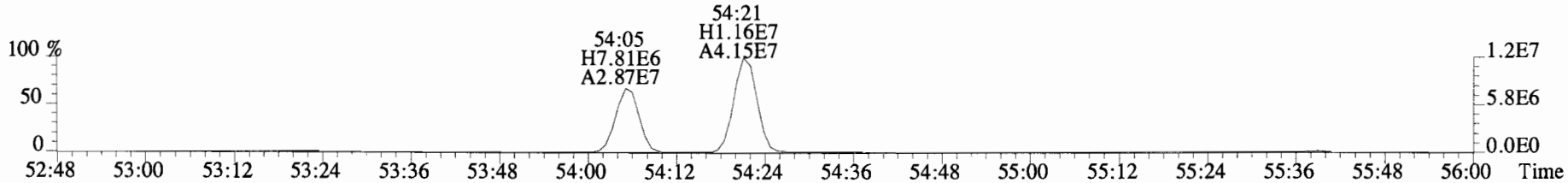
427.7635 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1720.0,0.00%,F,F)



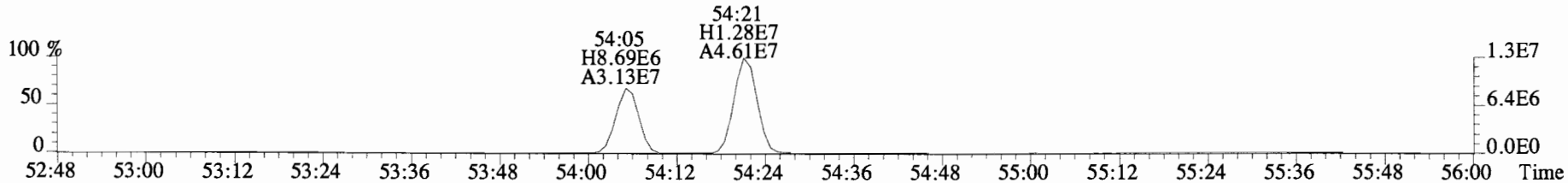
429.7606 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1808.0,0.00%,F,F)



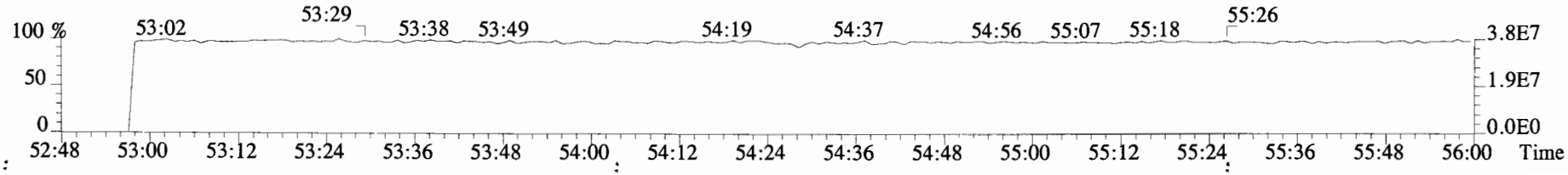
439.8038 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6084.0,0.00%,F,F)



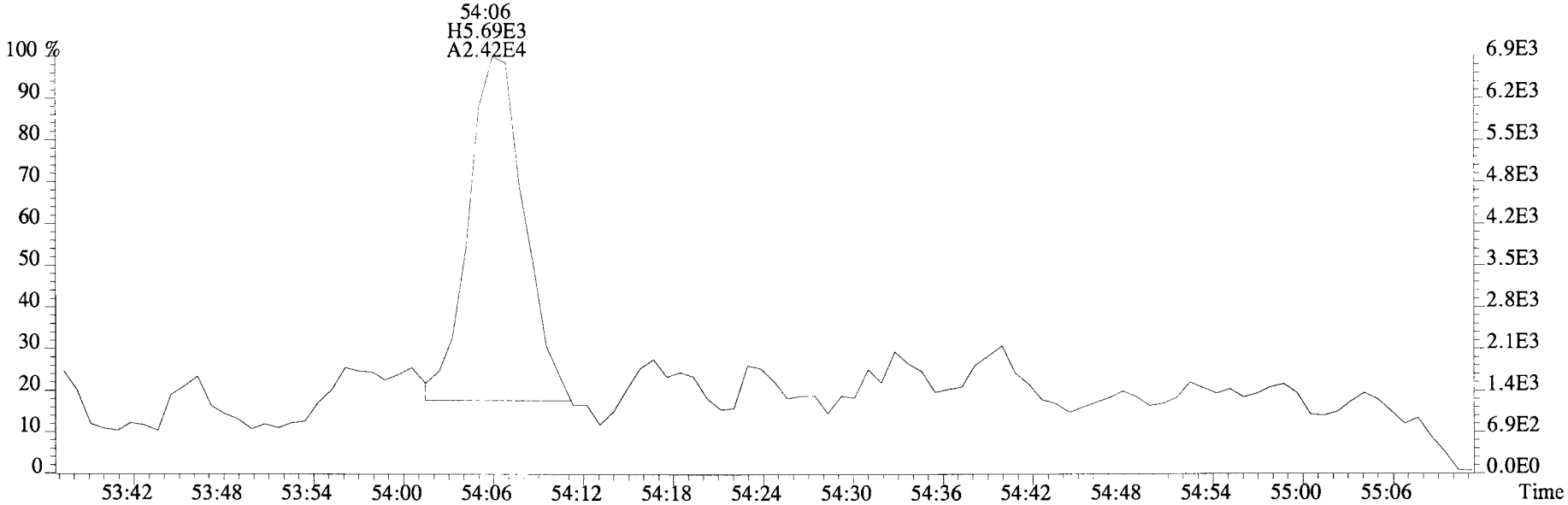
441.8008 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7096.0,0.00%,F,F)



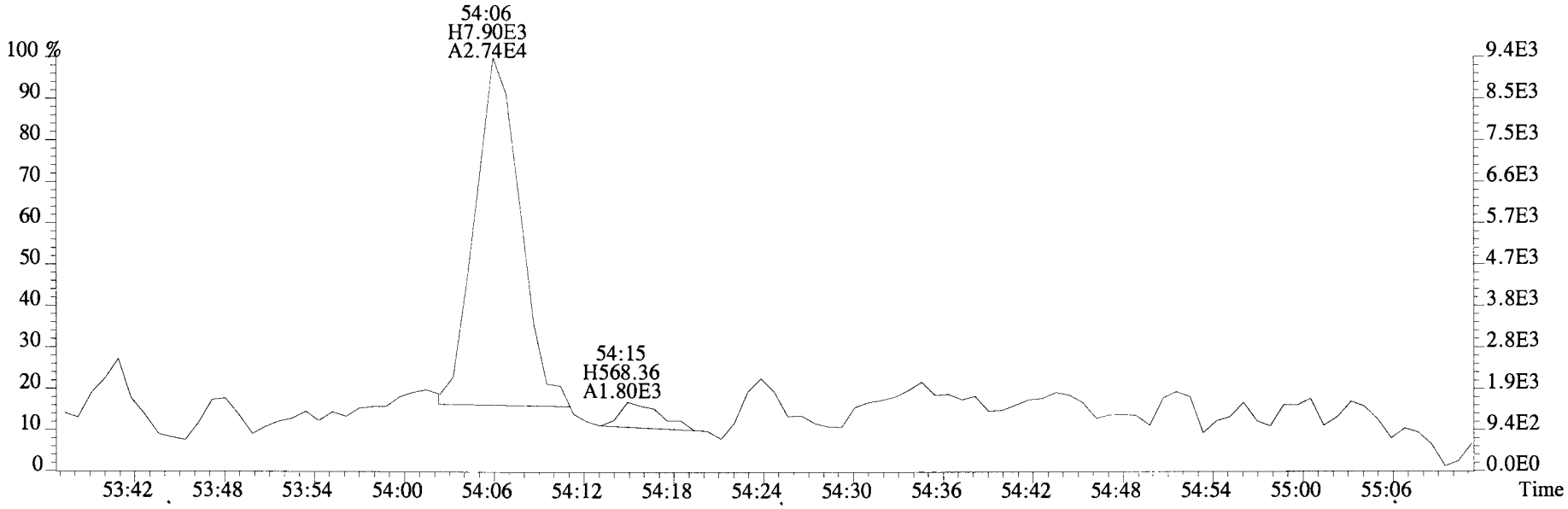
492.9697 S:8 F:5



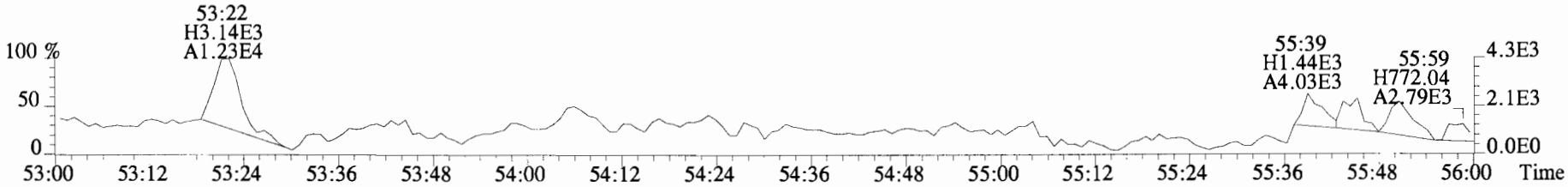
File:180315E1 #1-407 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
427.7635 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1720.0,0.00%,F,F)



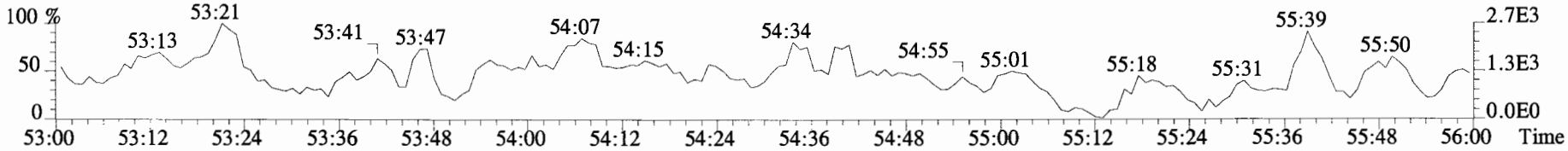
429.7606 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1808.0,0.00%,F,F)



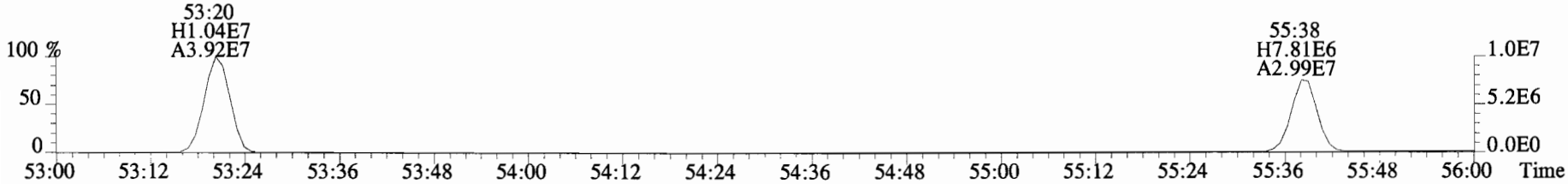
File:180315E1 #1-407 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
463.7216 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1416.0,0.00%,F,F)



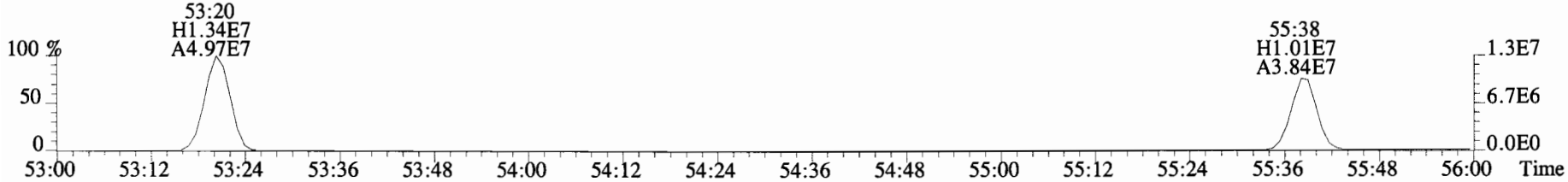
465.7186 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1632.0,0.00%,F,F)



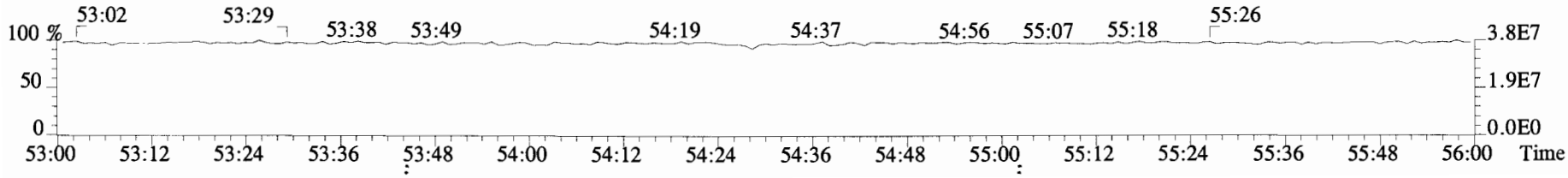
473.7648 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14084.0,0.00%,F,F)



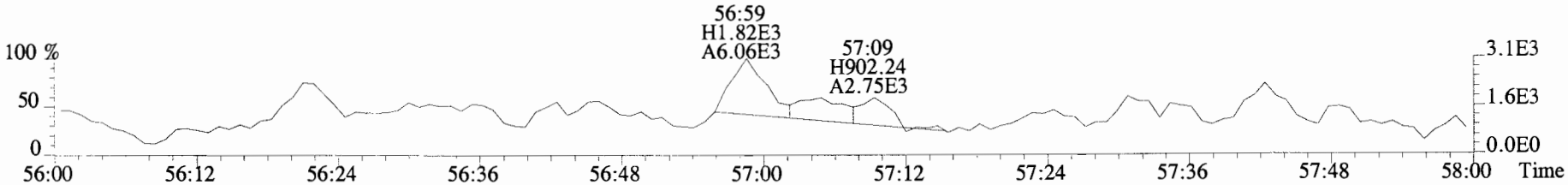
475.7619 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18844.0,0.00%,F,F)



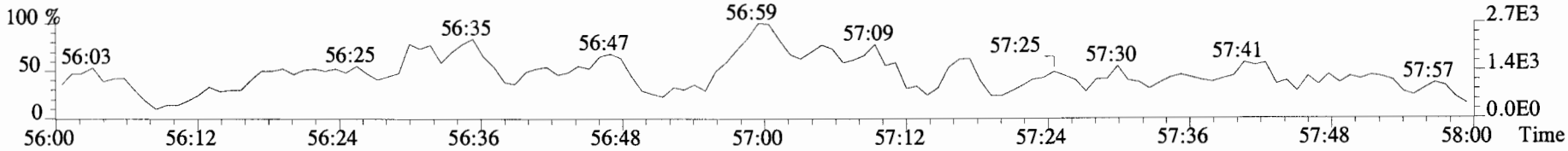
492.9697 S:8 F:5



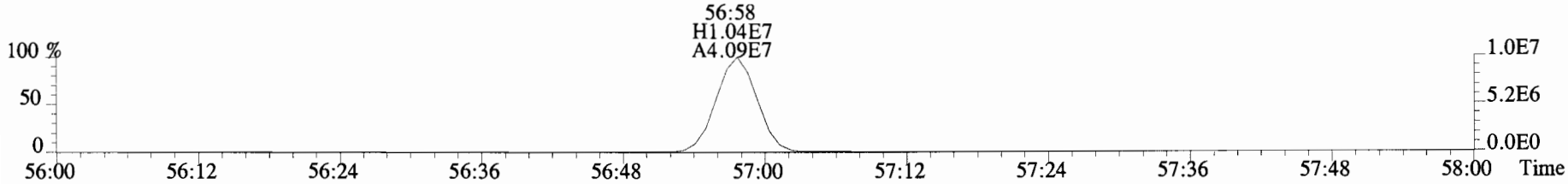
File:180315E1 #1-407 Acq:15-MAR-2018 17:05:20 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:1701075-04 OWS-ROIS-T170815152200 1 Exp:PCB_ZB1
497.6826 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1580.0,0.00%,F,F)



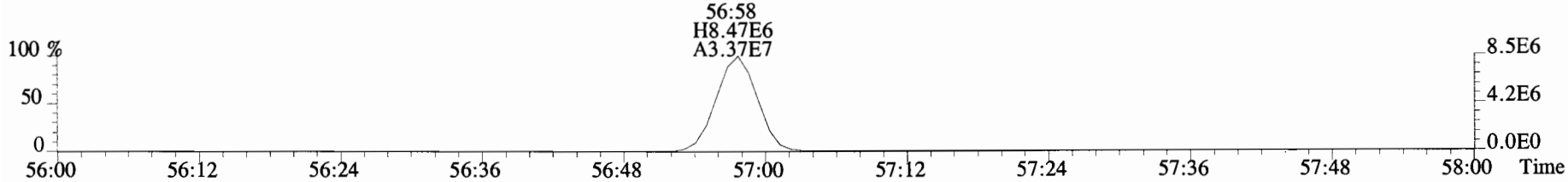
499.6797 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1588.0,0.00%,F,F)



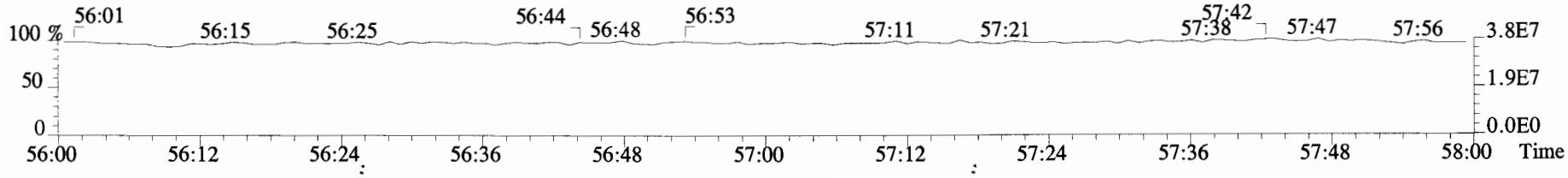
509.7229 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2000.0,0.00%,F,F)



511.7199 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1768.0,0.00%,F,F)



492.9697 S:8 F:5



Client ID: OWS-SCHU-T170815151603 Filename: 180315E1 S:9 Acq:15-MAR-18 18:10:33 ConCal: ST180315E1-1
Lab ID: 1701075-05 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.008 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL-UCL
Mono	PCB-1	3.07e+06	2.84	y 16:01	1.07	52.70		*	2.5	*	1.001	0.996-1.006
Mono	PCB-2	5.41e+04	2.77	y 18:25	1.06	0.8646		*	2.5	*	0.988	0.983-0.993
Mono	PCB-3	7.16e+05	2.88	y 18:39	1.06	11.41		*	2.5	*	1.001	0.996-1.006
Di	PCB-4/10	1.77e+08	1.57	y 20:01	1.24	4629		*	2.5	*	1.002	0.998-1.008
Di	PCB-7/9	*	*	n NotF	0.99	*		19100	1.0	3.55	*	0.863-0.871
Di	PCB-6	5.70e+05	1.46	y 22:28	1.06	10.73		*	2.5	*	0.892	0.888-0.897
Di	PCB-5/8	2.12e+06	1.52	y 22:52	1.03	41.07		*	2.5	*	0.908	0.904-0.913
Di	PCB-14	*	*	n NotF	1.03	*		2250	2.5	0.982	*	0.948-0.958
Di	PCB-11	5.09e+05	1.59	y 25:11	1.11	8.312		*	2.5	*	1.000	0.996-1.006
Di	PCB-12/13	5.68e+05	1.76	y 25:33	1.02	10.12		*	2.5	*	1.015	1.011-1.021
Di	PCB-15	9.28e+06	1.54	y 25:54	1.05	159.7		*	2.5	*	1.029	1.023-1.033
Tri	PCB-19	8.53e+07	1.03	y 24:10	1.20	1697		*	2.5	*	1.001	0.996-1.006
Tri	PCB-30	8.66e+04	1.05	y 25:04	1.93	1.070		*	2.5	*	1.038	1.034-1.044
Tri	PCB-18	1.77e+07	1.05	y 25:49	0.91	297.5		*	2.5	*	0.953	0.948-0.958
Tri	PCB-17	1.07e+07	1.02	y 26:00	0.84	195.5		*	2.5	*	0.960	0.955-0.965
Tri	PCB-24/27	4.37e+07	1.04	y 26:33	1.15	583.9		*	2.5	*	0.980	0.977-0.986
Tri	PCB-16/32	2.97e+07	1.05	y 27:05	1.02	447.5		*	2.5	*	1.000	0.995-1.005
Tri	PCB-34	6.61e+05	1.04	y 27:53	0.96	12.06		*	2.5	*	0.960	0.955-0.965
Tri	PCB-23	*	*	n NotF	0.95	*		2930	2.5	1.33	*	0.958-0.968
Tri	PCB-29	*	*	n NotF	0.96	*		2930	2.5	1.31	*	0.966-0.976
Tri	PCB-26	8.19e+06	1.02	y 28:26	1.00	143.0		*	2.5	*	0.979	0.974-0.984
Tri	PCB-25	2.04e+06	1.08	y 28:36	1.06	33.85		*	2.5	*	0.985	0.980-0.990
Tri	PCB-31	1.27e+07	1.05	y 28:57	1.10	202.8		*	2.5	*	0.997	0.992-1.002
Tri	PCB-28	1.28e+07	1.07	y 29:04	1.14	196.7		*	2.5	*	1.001	0.995-1.005
Tri	PCB-20/21/33	8.35e+05	1.09	y 29:43	1.00	14.69		*	2.5	*	1.023	1.017-1.027
Tri	PCB-22	1.12e+06	1.16	y 30:06	1.09	17.99		*	2.5	*	1.036	1.032-1.042
Tri	PCB-36	*	*	n NotF	1.15	*		5200	1.0	0.848	*	0.929-0.939
Tri	PCB-39	2.76e+05	1.14	y 31:12	1.07	4.662		*	2.5	*	0.948	0.943-0.953
Tri	PCB-38	2.38e+05	0.91	y 31:59	1.10	3.901		*	2.5	*	0.971	0.966-0.976
Tri	PCB-35	1.17e+05	1.18	y 32:31	1.12	1.880		*	2.5	*	0.988	0.982-0.992
Tri	PCB-37	2.77e+06	0.99	y 32:57	1.11	45.00		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-54	2.18e+06	0.73	y 27:55	1.07	35.51		*	2.5	*	1.000	0.996-1.006
Tetra	PCB-50	3.18e+05	0.84	y 29:06	0.87	6.369		*	2.5	*	1.043	1.038-1.048
Tetra	PCB-53	1.35e+07	0.77	y 29:45	1.01	281.7		*	2.5	*	0.946	0.940-0.950
Tetra	PCB-51	3.11e+06	0.79	y 30:05	1.10	59.39		*	2.5	*	0.956	0.952-0.962
Tetra	PCB-45	4.00e+06	0.76	y 30:31	0.87	96.30		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-46	1.41e+06	0.81	y 31:01	0.84	35.48		*	2.5	*	0.986	0.980-0.990

Integrations by:

Analyst: MN

Date: 3/26/18

Reviewed by: CT

Date: 3/28/18 3/29/18

Client ID: OWS-SCHU-T170815151603 Filename: 180315E1 S:9 Acq:15-MAR-18 18:10:33 ConCal: ST180315E1-1
Lab ID: 1701075-05 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.008 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Tetra	PCB-52/69	2.69e+07	0.78	y 31:29	1.21	466.4		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-73	9.59e+05	0.86	y 31:37	1.45	13.87		*	2.5	*	1.005	1.000-1.010
Tetra	PCB-43/49	1.56e+07	0.77	y 31:46	1.01	323.6		*	2.5	*	1.010	1.005-1.015
Tetra	PCB-47	1.33e+07	0.75	y 31:59	0.91	290.8		*	2.5	*	1.001	0.995-1.005
Tetra	PCB-48/75	2.01e+06	0.78	y 32:07	1.13	35.10		*	2.5	*	1.005	0.999-1.009
Tetra	PCB-65	1.34e+05	0.78	y 32:21	1.27	2.087		*	2.5	*	1.012	1.007-1.017
Tetra	PCB-62	*	*	n NotFound	1.10	*		2920	2.5	1.14	*	1.011-1.021
Tetra	PCB-44	9.94e+06	0.78	y 32:46	0.85	230.4		*	2.5	*	1.025	1.020-1.030
Tetra	PCB-42/59	6.12e+06	0.78	y 33:00	1.02	118.8		*	2.5	*	1.033	1.027-1.037
Tetra	PCB-41/64/71/72	1.87e+07	0.77	y 33:35	1.17	317.6		*	2.5	*	1.051	1.046-1.056
Tetra	PCB-68	7.13e+05	0.86	y 33:51	1.28	11.06		*	2.5	*	1.059	1.054-1.064
Tetra	PCB-40	1.85e+06	0.75	y 34:04	0.62	58.90		*	2.5	*	1.066	1.060-1.070
Tetra	PCB-57	2.83e+05	0.86	y 34:25	1.13	3.906		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-67	5.28e+05	0.71	y 34:43	1.10	7.468		*	2.5	*	0.978	0.973-0.983
Tetra	PCB-58	7.78e+04	0.68	y 34:50	1.12	1.081		*	2.5	*	0.982	0.977-0.987
Tetra	PCB-63	1.46e+06	0.79	y 34:59	1.00	22.78		*	2.5	*	0.986	0.981-0.991
Tetra	PCB-74	5.82e+06	0.76	y 35:18	1.18	76.70		*	2.5	*	0.995	0.989-0.999
Tetra	PCB-61/70	7.38e+06	0.76	y 35:30	1.03	112.0		*	2.5	*	1.000	0.994-1.004
Tetra	PCB-76/66	8.89e+06	0.77	y 35:43	1.13	122.4		*	2.5	*	1.007	1.000-1.010
Tetra	PCB-80	*	*	n NotFound	1.19	*		2920	2.5	0.867	*	0.995-1.005
Tetra	PCB-55	1.93e+05	0.73	y 36:13	1.16	2.569		*	2.5	*	1.009	1.004-1.014
Tetra	PCB-56/60	6.01e+06	0.79	y 36:44	1.04	89.01		*	2.5	*	1.023	1.018-1.028
Tetra	PCB-79	7.80e+04	1.05	n 37:49	1.17	1.031	R	*	2.5	*	1.053	1.047-1.057
Tetra	PCB-78	*	*	n NotFound	1.10	*		2920	2.5	0.956	*	0.982-0.992
Tetra	PCB-81	*	*	n NotFound	0.97	*		2920	2.5	1.09	*	0.995-1.005
Tetra	PCB-77	7.20e+05	0.88	y 39:37	1.08	11.06		*	2.5	*	1.000	0.995-1.005
Penta	PCB-104	*	*	n NotFound	1.08	*		2900	1.0	0.625	*	0.996-1.006
Penta	PCB-96	4.47e+05	1.67	y 33:53	1.13	7.378		*	2.5	*	1.039	1.034-1.044
Penta	PCB-103	3.15e+05	1.60	y 34:26	0.91	6.472		*	2.5	*	1.056	1.051-1.061
Penta	PCB-100	3.12e+05	1.71	y 34:47	0.93	6.300		*	2.5	*	1.066	1.062-1.072
Penta	PCB-94	4.64e+05	1.38	y 35:15	0.91	11.48		*	2.5	*	0.985	0.981-0.991
Penta	PCB-95/98/102	7.31e+06	1.61	y 35:47	1.17	140.9		*	2.5	*	1.000	0.994-1.004
Penta	PCB-93	*	*	n NotFound	0.93	*		2070	2.5	1.58	*	0.997-1.007
Penta	PCB-88/91	2.12e+06	1.61	y 36:12	0.97	49.28		*	2.5	*	1.012	1.005-1.015
Penta	PCB-121	*	*	n NotFound	1.68	*		2070	2.5	0.869	*	1.009-1.019
Penta	PCB-84/92	3.81e+06	1.64	y 37:06	0.97	87.28		*	2.5	*	0.990	0.985-0.995
Penta	PCB-89	1.15e+05	1.54	y 37:17	1.06	2.399		*	2.5	*	0.995	0.990-1.000

Analyst: MI

Date: 3/26/18

Client ID: OWS-SCHU-T170815151603 Filename: 180315E1 S:9 Acq:15-MAR-18 18:10:33 ConCal: ST180315E1-1
Lab ID: 1701075-05 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.008 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Penta	PCB-90/101	4.03e+06	1.54	y 37:28	1.08	83.43		*	2.5	*	1.000	0.995-1.005
Penta	PCB-113	4.91e+04	1.28	n 37:40	1.48	0.7402	R	*	2.5	*	1.005	1.002-1.012
Penta	PCB-99	2.85e+06	1.54	y 37:49	1.25	50.62		*	2.5	*	1.009	1.004-1.014
Penta	PCB-119	3.35e+05	1.74	y 38:16	1.70	4.899		*	2.5	*	0.987	0.982-0.992
Penta	PCB-108/112	5.90e+05	1.32	y 38:26	1.40	10.44		*	2.5	*	0.991	0.986-0.996
Penta	PCB-83	*	*	n NotF¶	1.75	*		2070	2.5	0.962	*	0.990-1.000
Penta	PCB-97	1.36e+06	1.51	y 38:47	1.17	28.73		*	2.5	*	1.000	0.995-1.005
Penta	PCB-86	5.03e+04	1.66	y 38:56	1.08	1.154		*	2.5	*	1.004	0.999-1.009
Penta	PCB-87/117/125	2.45e+06	1.63	y 39:04	1.55	39.19		*	2.5	*	1.008	1.002-1.012
Penta	PCB-111/115	1.09e+05	1.40	y 39:12	1.79	1.503		*	2.5	*	1.011	1.006-1.016
Penta	PCB-85/116	1.16e+06	1.47	y 39:19	1.29	22.40		*	2.5	*	1.014	1.009-1.019
Penta	PCB-120	*	*	n NotF¶	1.98	*		6600	1.0	1.08	*	1.016-1.026
Penta	PCB-110	7.23e+06	1.61	y 39:44	1.69	106.5		*	2.5	*	1.025	1.020-1.030
Penta	PCB-82	6.10e+05	1.38	y 40:20	0.81	13.94		*	2.5	*	0.976	0.972-0.982
Penta	PCB-124	2.03e+05	1.61	y 41:01	1.30	2.893		*	2.5	*	0.992	0.988-0.998
Penta	PCB-107/109	4.84e+05	1.33	y 41:11	1.31	6.783		*	2.5	*	0.996	0.991-1.001
Penta	PCB-123	1.14e+05	1.52	y 41:20	1.12	1.876		*	2.5	*	1.000	0.996-1.006
Penta	PCB-106/118	3.78e+06	1.57	y 41:31	1.18	56.69		*	2.5	*	1.000	0.996-1.006
Penta	PCB-114	1.09e+05	1.72	y 42:10	1.11	2.291		*	2.5	*	1.000	0.995-1.005
Penta	PCB-122	4.71e+04	1.37	y 42:18	1.03	1.070		*	2.5	*	1.003	0.999-1.009
Penta	PCB-105	1.35e+06	1.52	y 43:02	1.12	28.31		*	2.5	*	1.000	0.995-1.005
Penta	PCB-127	*	*	n NotF¶	1.12	*		1880	2.5	1.24	*	0.995-1.005
Penta	PCB-126	*	*	n NotF¶	1.20	*		1880	2.5	1.38	*	0.995-1.005
Hexa	PCB-155	*	*	n NotF¶	0.99	*		1840	2.5	0.887	*	0.995-1.005
Hexa	PCB-150	*	*	n NotF¶	1.02	*		1840	2.5	0.854	*	1.030-1.040
Hexa	PCB-152	4.49e+04	1.19	y 38:46	1.16	0.6559		*	2.5	*	1.047	1.042-1.052
Hexa	PCB-145	*	*	n NotF¶	1.13	*		1840	2.5	0.776	*	1.054-1.064
Hexa	PCB-136	7.78e+05	1.21	y 39:31	1.02	12.85		*	2.5	*	1.068	1.063-1.073
Hexa	PCB-148	2.53e+04	1.28	y 39:39	0.77	0.5533		*	2.5	*	1.071	1.066-1.076
Hexa	PCB-154	1.54e+05	1.35	y 40:07	0.88	2.964		*	2.5	*	1.084	1.079-1.089
Hexa	PCB-151	9.66e+05	1.23	y 40:46	0.75	21.70		*	2.5	*	1.101	1.095-1.107
Hexa	PCB-135	5.80e+05	1.30	y 40:59	0.86	11.40		*	2.5	*	1.107	1.101-1.113
Hexa	PCB-144	5.44e+04	1.10	y 41:05	0.77	1.201		*	2.5	*	1.110	1.105-1.116
Hexa	PCB-147	2.01e+05	1.20	y 41:13	0.80	4.221		*	2.5	*	1.113	1.108-1.120
Hexa	PCB-139/149	1.72e+06	1.28	y 41:28	0.88	33.01		*	2.5	*	1.120	1.115-1.127
Hexa	PCB-140	*	*	n NotF¶	0.77	*		1840	2.5	1.14	*	1.120-1.132
Hexa	PCB-134/143	2.65e+05	1.22	y 42:07	0.76	6.624		*	2.5	*	0.975	0.970-0.980

Analyst: MS

Date: 3/28/18

Client ID: OWS-SCHU-T170815151603 Filename: 180315E1 S:9 Acq:15-MAR-18 18:10:33 ConCal: ST180315E1-1
Lab ID: 1701075-05 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.008 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hexa	PCB-131/133	1.70e+05	1.36	y 42:24	0.82	3.964		*	2.5	*	0.982	0.977-0.987
Hexa	PCB-142	*	*	n NotF╗	0.73	*		2120	2.5	1.61	*	0.981-0.991
Hexa	PCB-146/165	5.35e+05	1.30	y 42:48	1.02	9.992		*	2.5	*	0.991	0.986-0.996
Hexa	PCB-132/161	7.83e+05	1.23	y 43:04	1.00	14.85		*	2.5	*	0.997	0.992-1.002
Hexa	PCB-153	1.84e+06	1.10	y 43:12	1.08	32.54		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-168	*	*	n NotF╗	1.12	*		2120	2.5	1.06	*	1.000-1.010
Hexa	PCB-141	1.66e+05	1.60	n 43:56	1.02	3.671	R	*	2.5	*	1.000	0.995-1.005
Hexa	PCB-137	1.01e+05	1.35	y 44:19	1.10	2.060		*	2.5	*	1.009	1.004-1.014
Hexa	PCB-130	1.73e+05	1.41	y 44:26	0.81	4.827		*	2.5	*	1.012	1.007-1.017
Hexa	PCB-138/163/164	2.75e+06	1.22	y 44:48	1.23	47.75		*	2.5	*	1.001	0.996-1.006
Hexa	PCB-158/160	2.20e+05	1.29	y 45:00	1.18	3.990		*	2.5	*	1.005	1.001-1.011
Hexa	PCB-129	8.07e+04	1.58	n 45:17	0.78	2.210	R	*	2.5	*	1.012	1.007-1.017
Hexa	PCB-166	*	*	n NotF╗	1.13	*		2120	2.5	1.01	*	0.988-0.998
Hexa	PCB-159	*	*	n NotF╗	1.16	*		2120	2.5	0.982	*	0.995-1.005
Hexa	PCB-128/162	4.10e+05	1.16	y 46:20	0.89	8.341		*	2.5	*	1.006	1.002-1.012
Hexa	PCB-167	1.09e+05	1.30	y 46:44	1.02	1.907		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-156	2.16e+05	1.35	y 48:02	1.06	3.705		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-157	4.93e+04	1.10	y 48:17	1.02	0.8798		*	2.5	*	1.000	0.996-1.006
Hexa	PCB-169	*	*	n NotF╗	1.13	*		2120	2.5	1.09	*	0.995-1.005
Hepta	PCB-188	*	*	n NotF╗	1.37	*		1780	2.5	0.548	*	0.995-1.005
Hepta	PCB-184	*	*	n NotF╗	1.32	*		1780	2.5	0.571	*	1.006-1.016
Hepta	PCB-179	3.13e+05	0.86	n 44:02	1.38	5.170	R	*	2.5	*	1.029	1.024-1.034
Hepta	PCB-176	3.34e+04	1.30	n 44:30	1.31	0.5821	R	*	2.5	*	1.040	1.035-1.045
Hepta	PCB-186	*	*	n NotF╗	1.42	*		1780	2.5	0.530	*	1.049-1.059
Hepta	PCB-178	2.32e+05	1.00	y 45:37	0.97	5.476		*	2.5	*	1.066	1.060-1.070
Hepta	PCB-175	*	*	n NotF╗	1.00	*		1780	2.5	0.754	*	1.069-1.079
Hepta	PCB-182/187	6.42e+05	1.03	y 46:07	1.14	12.84		*	2.5	*	1.077	1.072-1.082
Hepta	PCB-183	1.05e+05	0.79	n 46:27	1.13	2.120	R	*	2.5	*	1.085	1.080-1.090
Hepta	PCB-185	*	*	n NotF╗	1.36	*		1780	2.5	0.774	*	0.950-0.960
Hepta	PCB-174	2.62e+05	1.06	y 47:28	1.42	5.769		*	2.5	*	0.963	0.958-0.968
Hepta	PCB-181	*	*	n NotF╗	1.48	*		1780	2.5	0.711	*	0.960-0.970
Hepta	PCB-177	2.28e+05	1.16	y 47:45	1.33	5.364		*	2.5	*	0.968	0.963-0.973
Hepta	PCB-171	8.12e+04	1.18	y 48:02	1.37	1.849		*	2.5	*	0.974	0.969-0.979
Hepta	PCB-173	*	*	n NotF╗	1.27	*		1780	2.5	0.827	*	0.978-0.988
Hepta	PCB-172	6.95e+04	0.97	y 48:55	1.39	1.564		*	2.5	*	0.992	0.987-0.997
Hepta	PCB-192	*	*	n NotF╗	1.80	*		1780	2.5	0.581	*	0.991-1.001
Hepta	PCB-180	5.07e+05	1.01	y 49:18	1.52	10.44		*	2.5	*	1.000	0.995-1.005

Analyst: MI

Date: 3/26/18

Client ID: OWS-SCHU-T170815151603 Filename: 180315E1 S:9 Acq:15-MAR-18 18:10:33 ConCal: ST180315E1-1
Lab ID: 1701075-05 GC Column ID: ZB-1 ICal: PCBVG8-2 8-18 wt/vol: 1.008 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hepta	PCB-193	4.09e+04	1.74	n 49:31	1.71	0.7456	R	*	2.5	*	1.004	0.999-1.009
Hepta	PCB-191	*	*	n NotF	1.74	*		1780	2.5	0.603	*	1.005-1.015
Hepta	PCB-170	2.12e+05	1.07	y 50:54	1.44	5.280		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-190	7.18e+04	1.19	y 51:05	1.95	1.316		*	2.5	*	1.004	0.999-1.009
Hepta	PCB-189	*	*	n NotF	1.46	*		1780	2.5	0.551	*	0.995-1.005
Octa	PCB-202	1.05e+05	0.85	y 48:13	1.06	1.951		*	2.5	*	1.000	0.995-1.005
Octa	PCB-201	2.90e+04	1.36	n 48:44	0.98	0.5852	R	*	2.5	*	1.011	1.006-1.016
Octa	PCB-204	*	*	n NotF	1.07	*		2010	2.5	0.876	*	1.009-1.019
Octa	PCB-197	*	*	n NotF	1.10	*		2010	2.5	0.855	*	1.015-1.025
Octa	PCB-200	*	*	n NotF	1.04	*		2010	2.5	0.901	*	1.034-1.044
Octa	PCB-198	*	*	n NotF	0.84	*		2010	2.5	1.12	*	1.065-1.075
Octa	PCB-199	2.16e+05	0.92	y 51:40	0.80	5.322		*	2.5	*	1.071	1.067-1.077
Octa	PCB-196/203	1.74e+05	0.79	y 51:58	0.84	4.074		*	2.5	*	1.078	1.072-1.082
Octa	PCB-195	3.50e+04	0.99	y 53:12	1.04	1.174		*	2.5	*	0.984	0.979-0.989
Octa	PCB-194	9.41e+04	1.40	n 54:06	1.16	2.823	R	*	2.5	*	1.000	0.995-1.005
Octa	PCB-205	*	*	n NotF	1.33	*		1920	2.5	0.874	*	1.000-1.010
Nona	PCB-208	6.87e+04	1.47	y 53:21	0.90	1.814		*	2.5	*	1.000	0.995-1.005
Nona	PCB-207	1.72e+04	1.09	n 53:40	0.89	0.4577	R	*	2.5	*	1.006	1.001-1.011
Nona	PCB-206	9.98e+04	1.43	y 55:39	0.88	3.444		*	2.5	*	1.000	0.995-1.005
Deca	PCB-209	6.64e+04	1.25	y 56:58	1.04	1.808		*	2.5	*	1.000	0.995-1.005

Analyst: ML

Date: 3/26/18

Client ID: OWS-SCHU-T170815151603 Filename: 180315E1 S:9 Acq:15-MAR-18 18:10:33 ConCal: ST180315E1-1
Lab ID: 1701075-05 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.008 EndCAL: NA

Name	Resp	RA	RT	RRF	Conc	
Total Mono-PCB	3.84e+06	2.84 y	16:01	1.06	64.9803	
Total Di-PCB	1.90e+08	1.57 y	20:01	1.04	4858.60	
Total Tri-PCB	1.87e+08	1.03 y	24:10	1.15	3222.46	
Total Tri-PCB	4.17e+07	1.04 y	27:53	1.05	676.624	Sum:3899.09
Total Tetra-PCB	1.52e+08	0.73 y	27:55	1.06	2832.37	
Total Penta-PCB	4.03e+07	1.67 y	33:53	1.18	742.621	
Total Penta-PCB	1.50e+06	1.72 y	42:10	1.12	31.6704	Sum:774.291
Total Hexa-PCB	4.52e+06	1.19 y	38:46	0.91	88.5532	
Total Hexa-PCB	7.63e+06	1.22 y	42:07	1.00	141.435	Sum:229.988
Total Hepta-PCB	2.31e+06	1.00 y	45:37	1.35	49.9010	
Total Octa-PCB	4.95e+05	0.85 y	48:13	0.95	11.3475	
Total Octa-PCB	3.50e+04	0.99 y	53:12	1.17	1.17394	Sum:12.5215
Total Nona-PCB	1.69e+05	1.47 y	53:21	0.89	5.25767	
Total Deca-PCB	6.64e+04	1.25 y	56:58	1.04	1.80805	

Total PCB Conc:12761.0082260

Integrations by Analyst: MI

Date: 3/28/18

Client ID: OWS-SCHJ-T170815151603 Filename: 180315E1 S:9 Acq:15-MAR-18 18:10:33 ConCal: ST180315E1-1
Lab ID: 1701075-05 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol:1.0084 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-1	1.08e+08	3.12 y	1.13	16:00	0.618	0.616	0.622	1210	61.2
13C-PCB-3	1.17e+08	3.15 y	1.21	18:38	0.720	0.716	0.724	1230	62.1
13C-PCB-4	6.12e+07	1.57 y	0.59	19:59	0.772	0.769	0.777	1310	66.1
13C-PCB-9	9.95e+07	1.55 y	0.94	21:47	0.842	0.837	0.845	1340	67.8
13C-PCB-11	1.09e+08	1.56 y	0.95	25:11	0.973	0.968	0.978	1470	74.0
13C-PCB-19	8.33e+07	1.05 y	0.62	24:09	0.933	0.928	0.938	1700	85.7
13C-PCB-28	1.13e+08	1.03 y	1.05	29:02	1.004	0.999	1.009	1690	85.5
13C-PCB-32	1.29e+08	1.06 y	0.91	27:05	1.046	1.041	1.051	1810	91.1
13C-PCB-37	1.10e+08	1.06 y	1.02	32:55	1.138	1.132	1.144	1690	85.1
13C-PCB-47	1.00e+08	0.80 y	0.83	31:58	0.871	0.867	0.875	1550	78.2
13C-PCB-52	9.44e+07	0.80 y	0.76	31:28	0.857	0.853	0.861	1600	80.5
13C-PCB-54	1.13e+08	0.80 y	0.93	27:54	0.760	0.756	0.764	1580	79.5
13C-PCB-70	1.27e+08	0.80 y	1.00	35:29	0.966	0.961	0.971	1650	83.0
13C-PCB-77	1.19e+08	0.83 y	0.96	39:36	1.079	1.073	1.083	1610	81.1
13C-PCB-80	1.28e+08	0.78 y	1.00	35:55	0.978	0.973	0.983	1670	84.1
13C-PCB-81	1.31e+08	0.79 y	1.01	39:00	1.062	1.057	1.067	1680	84.9
13C-PCB-95	8.78e+07	1.55 y	0.80	35:47	0.913	0.908	0.918	1650	83.3
13C-PCB-97	7.99e+07	1.57 y	0.70	38:46	0.989	0.984	0.994	1720	86.8
13C-PCB-101	8.91e+07	1.56 y	0.80	37:28	0.956	0.951	0.961	1680	84.6
13C-PCB-104	1.06e+08	1.58 y	1.01	32:37	0.832	0.828	0.836	1590	80.3
13C-PCB-105	8.40e+07	1.59 y	1.14	43:01	0.929	0.924	0.934	1560	78.6
13C-PCB-114	8.50e+07	1.59 y	1.18	42:10	0.910	0.905	0.915	1520	76.7
13C-PCB-118	1.12e+08	1.61 y	1.00	41:30	1.059	1.054	1.064	1700	85.8
13C-PCB-123	1.08e+08	1.58 y	0.95	41:20	1.054	1.049	1.059	1720	86.8
13C-PCB-126	8.03e+07	1.58 y	1.14	45:15	0.977	0.972	0.982	1500	75.5
13C-PCB-127	9.07e+07	1.56 y	1.24	43:22	0.936	0.931	0.941	1550	77.9
13C-PCB-138	9.26e+07	1.25 y	1.17	44:45	0.966	0.962	0.972	1670	84.2
13C-PCB-141	8.83e+07	1.26 y	1.11	43:55	0.948	0.944	0.954	1690	85.1
13C-PCB-153	1.04e+08	1.27 y	1.34	43:11	0.932	0.928	0.938	1650	83.3
13C-PCB-155	1.17e+08	1.26 y	0.83	37:01	0.944	0.939	0.949	2150	108
13C-PCB-156	1.09e+08	1.27 y	1.38	48:01	1.037	1.032	1.042	1660	83.9
13C-PCB-157	1.08e+08	1.28 y	1.37	48:17	1.042	1.037	1.047	1670	84.4
13C-PCB-159	1.09e+08	1.24 y	1.39	46:03	0.994	0.989	0.999	1670	84.0
13C-PCB-167	1.11e+08	1.25 y	1.40	46:43	1.009	1.004	1.014	1670	84.4
13C-PCB-169	1.05e+08	1.27 y	1.39	50:30	1.090	1.085	1.095	1600	80.7
13C-PCB-170	5.54e+07	0.46 y	0.86	50:54	1.103	1.097	1.109	1760	88.6
13C-PCB-180	6.36e+07	0.46 y	0.98	49:18	1.069	1.064	1.074	1770	89.4
13C-PCB-188	8.68e+07	0.45 y	1.40	42:48	0.928	0.923	0.933	1690	85.3
13C-PCB-189	7.23e+07	0.46 y	1.15	52:31	1.138	1.132	1.144	1710	86.4
13C-PCB-194	5.71e+07	0.92 y	0.77	54:05	0.995	0.990	1.000	1750	88.0
13C-PCB-202	1.01e+08	0.90 y	1.28	48:13	1.045	1.040	1.050	2140	108
13C-PCB-206	6.52e+07	0.77 y	0.81	55:39	1.024	1.019	1.029	1900	95.6
13C-PCB-208	8.39e+07	0.77 y	1.09	53:20	0.981	0.977	0.987	1810	91.0
13C-PCB-209	6.99e+07	1.20 y	0.74	56:58	1.048	1.043	1.053	2230	113

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.49e+08	0.79 y	1.03	37:47	1.029	1.024	1.034	1860	93.8
13C-PCB-178	6.62e+07	0.45 y	0.93	45:36	0.985	0.980	0.990	1940	98.0

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.49e+08	0.79 y	1.03	37:47	0.969	0.963	0.973	2190	111
13C-PCB-178	6.62e+07	0.45 y	0.95	45:36	0.925	0.920	0.930	2170	110

RS

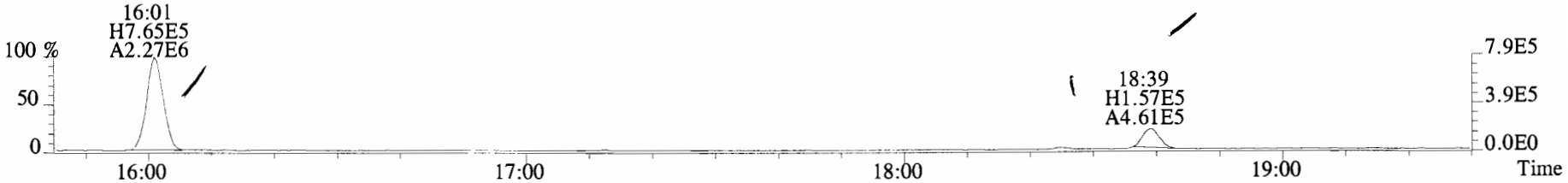
Name	Resp	RA	RRF	RT	Conc
13C-PCB-15	1.56e+08	1.56 y	1.00	25:53	1980
13C-PCB-31	1.26e+08	1.02 y	1.00	28:56	1980
13C-PCB-60	1.53e+08	0.79 y	1.00	36:43	1980
13C-PCB-111	1.31e+08	1.61 y	1.00	39:12	1980
13C-PCB-128	9.37e+07	1.24 y	1.00	46:19	1980
13C-PCB-182	7.28e+07	0.46 y	1.00	46:08	1980
13C-PCB-205	8.44e+07	0.90 y	1.00	54:22	1980

Analyst: MI

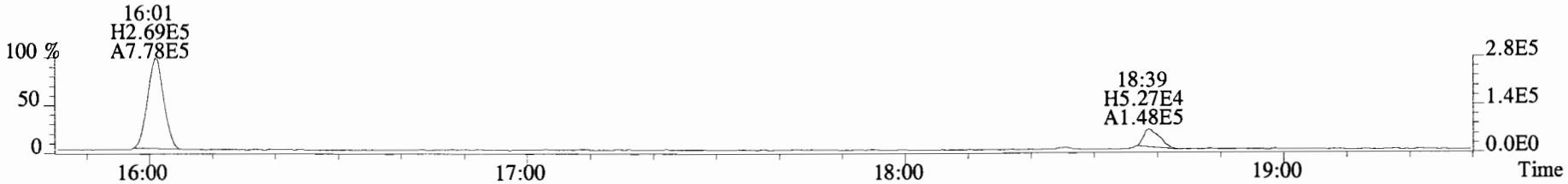
Date: 3/26/18

File:180315E1 #1-866 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1

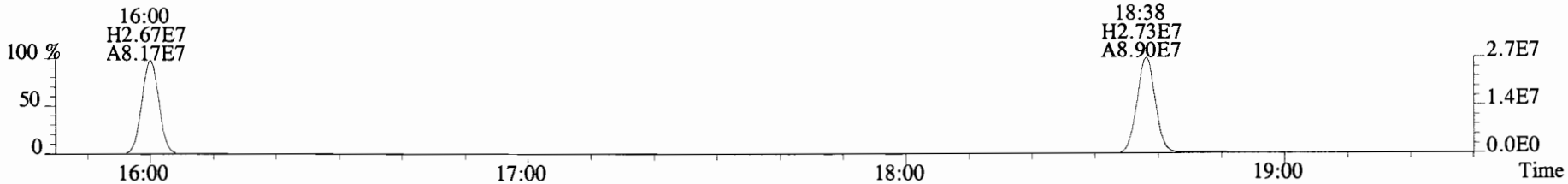
188.0393 S:9 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25764.0,0.00%,F,F)



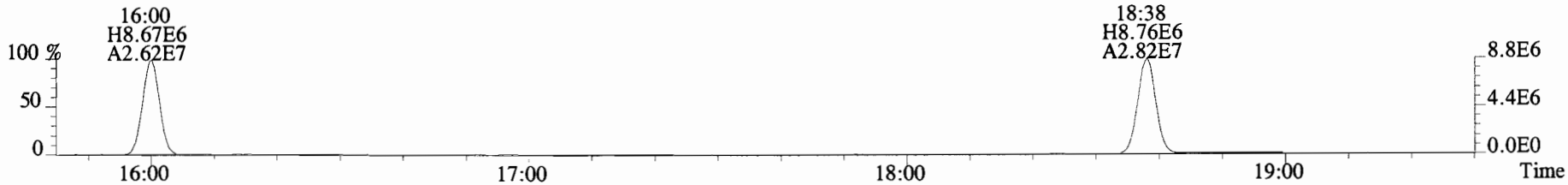
190.0363 S:9 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13152.0,0.00%,F,F)



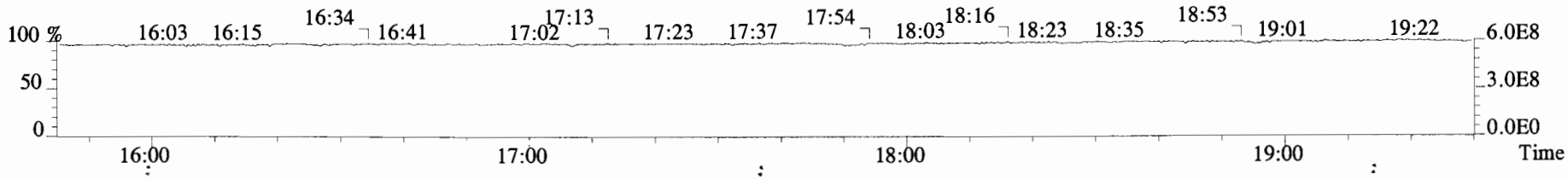
200.0795 S:9 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13120.0,0.00%,F,F)



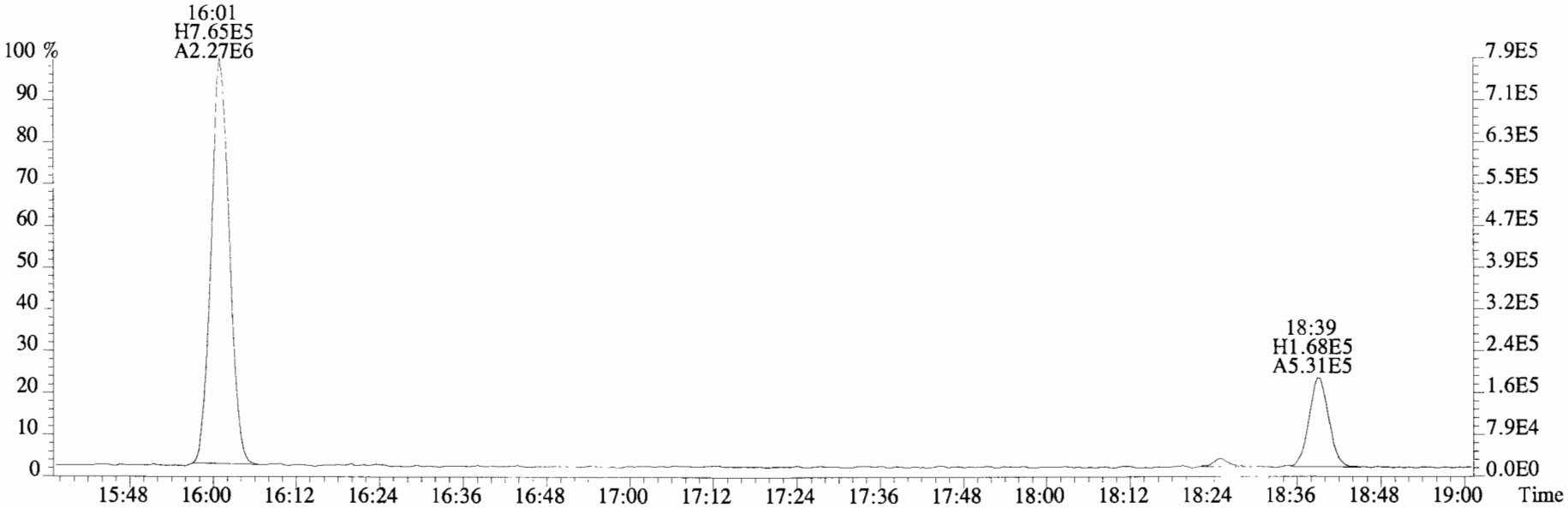
202.0766 S:9 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26620.0,0.00%,F,F)



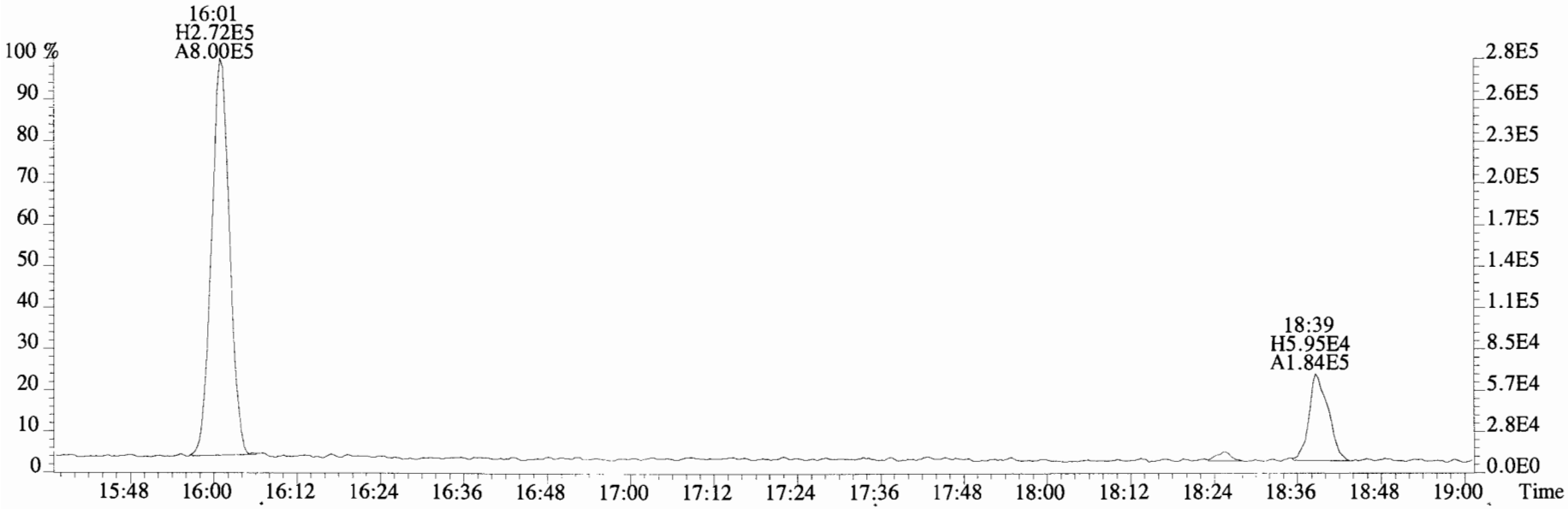
180.9880 S:9



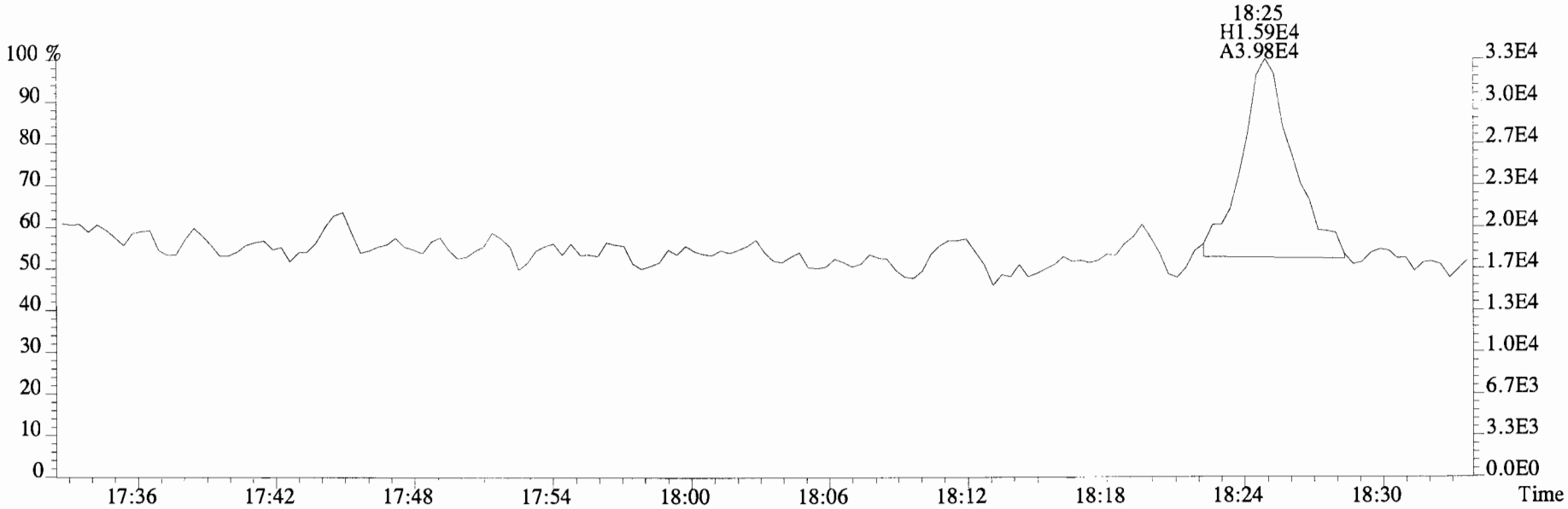
File:180315E1 #1-866 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
188.0393 S:9 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25764.0,0.00%,F,F)



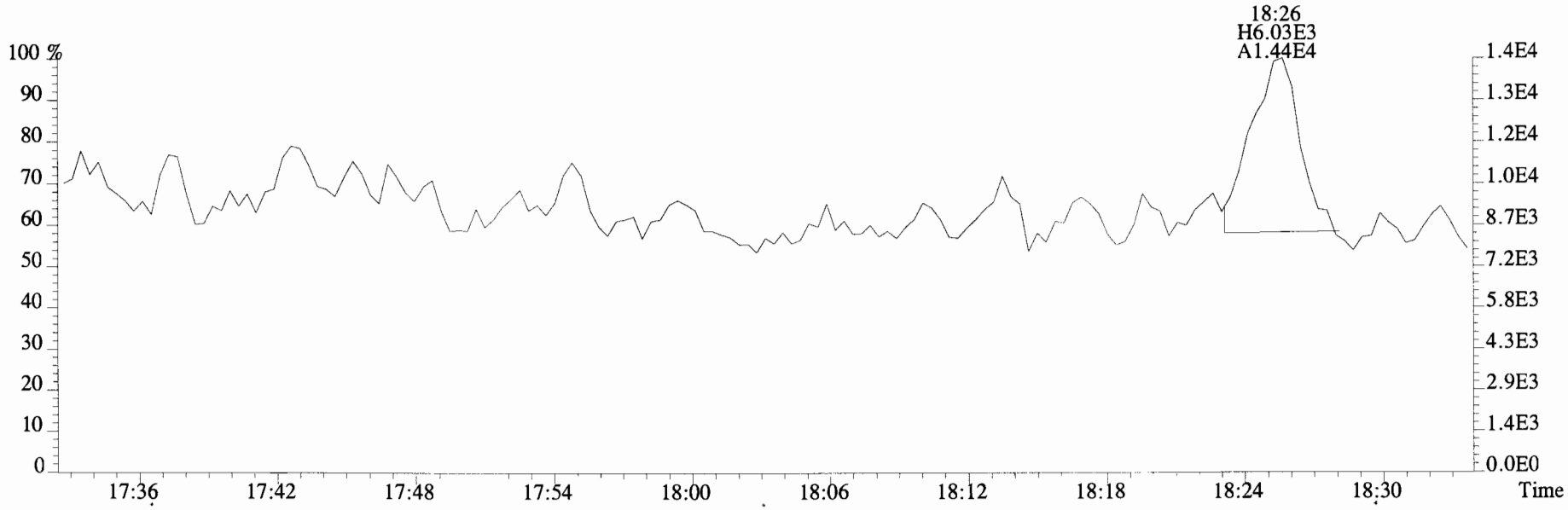
190.0363 S:9 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13152.0,0.00%,F,F)



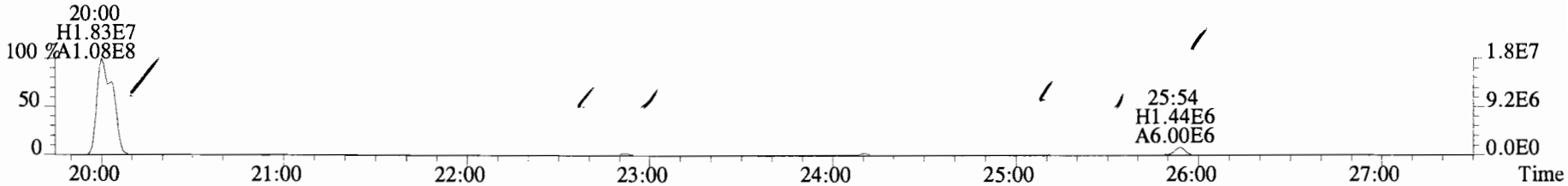
File:180315E1 #1-866 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
188.0393 S:9 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25764.0,0.00%,F,F)



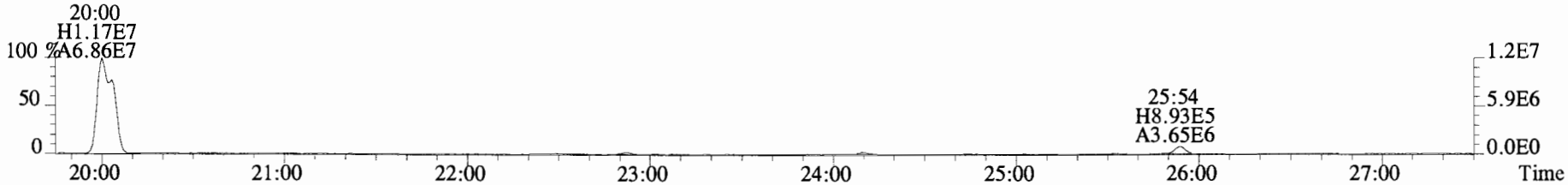
190.0363 S:9 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13152.0,0.00%,F,F)



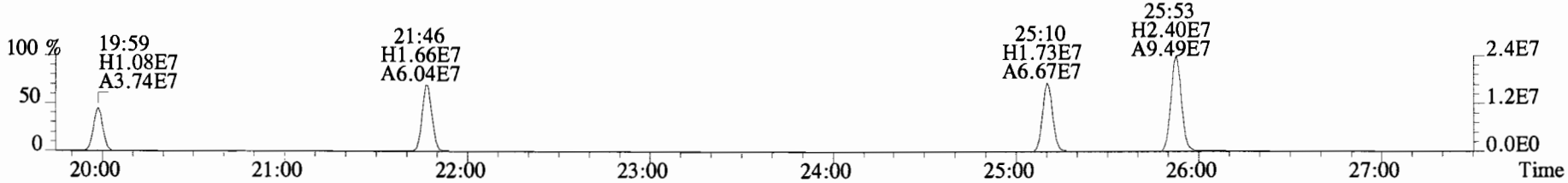
File:180315E1 #1-758 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
222.0003 S:9 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4356.0,0.00%,F,F)



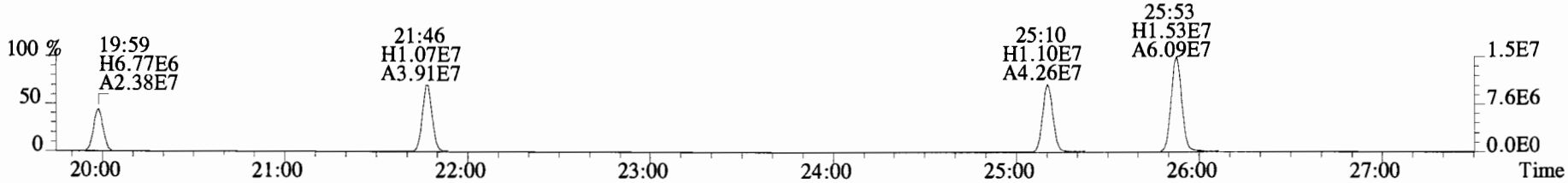
223.9974 S:9 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,52016.0,0.00%,F,F)



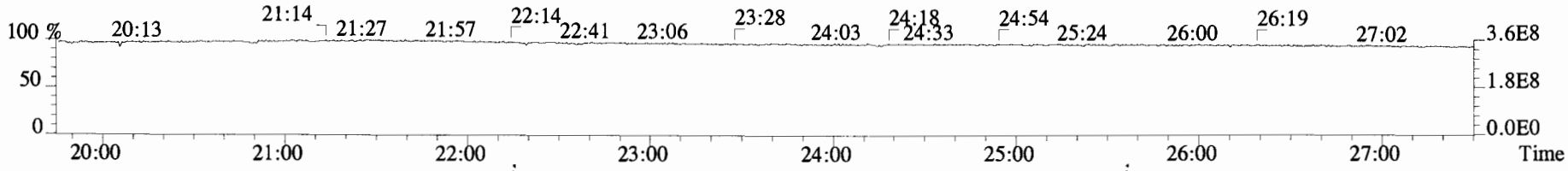
234.0406 S:9 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7232.0,0.00%,F,F)



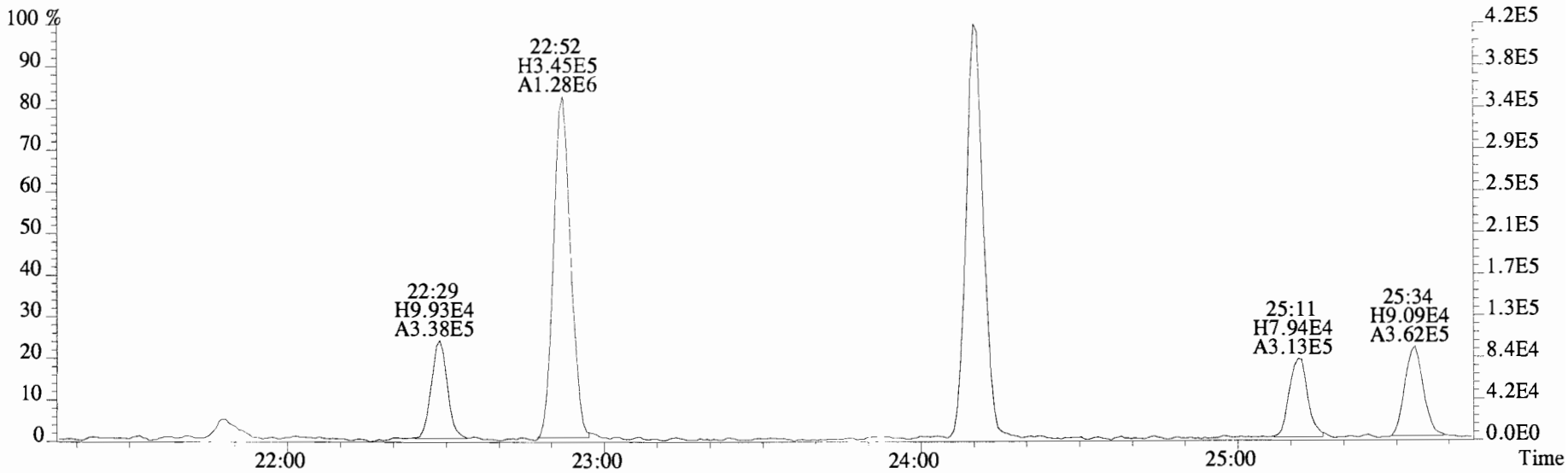
236.0376 S:9 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5592.0,0.00%,F,F)



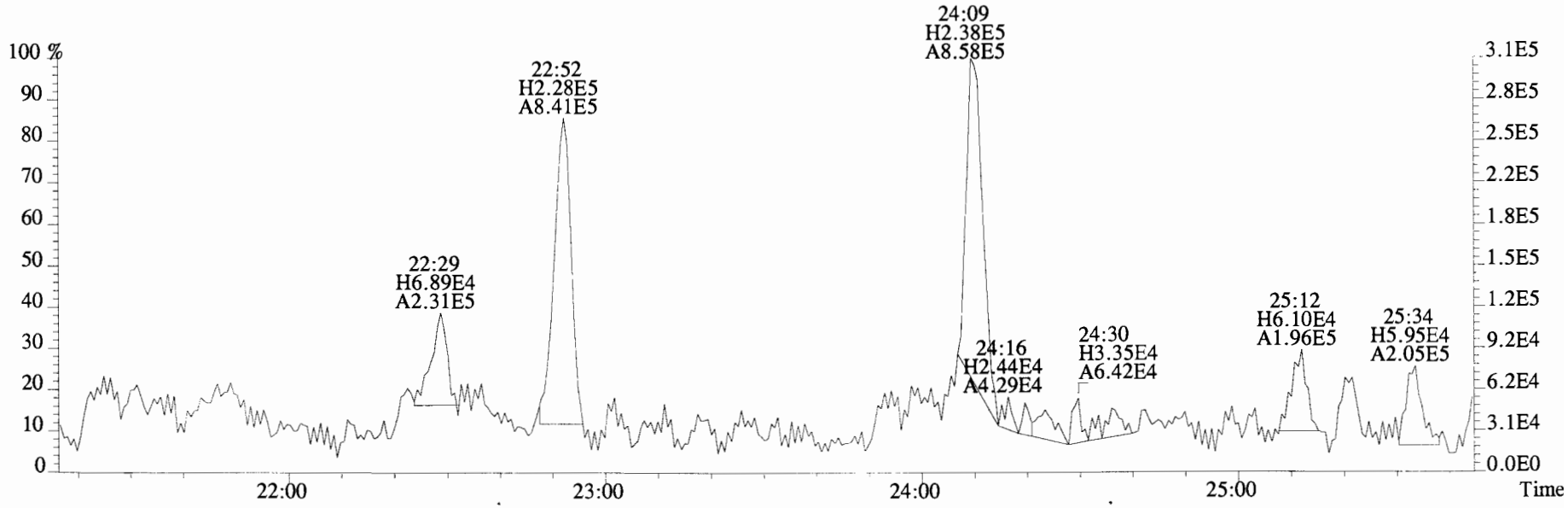
230.9856 S:9 F:2



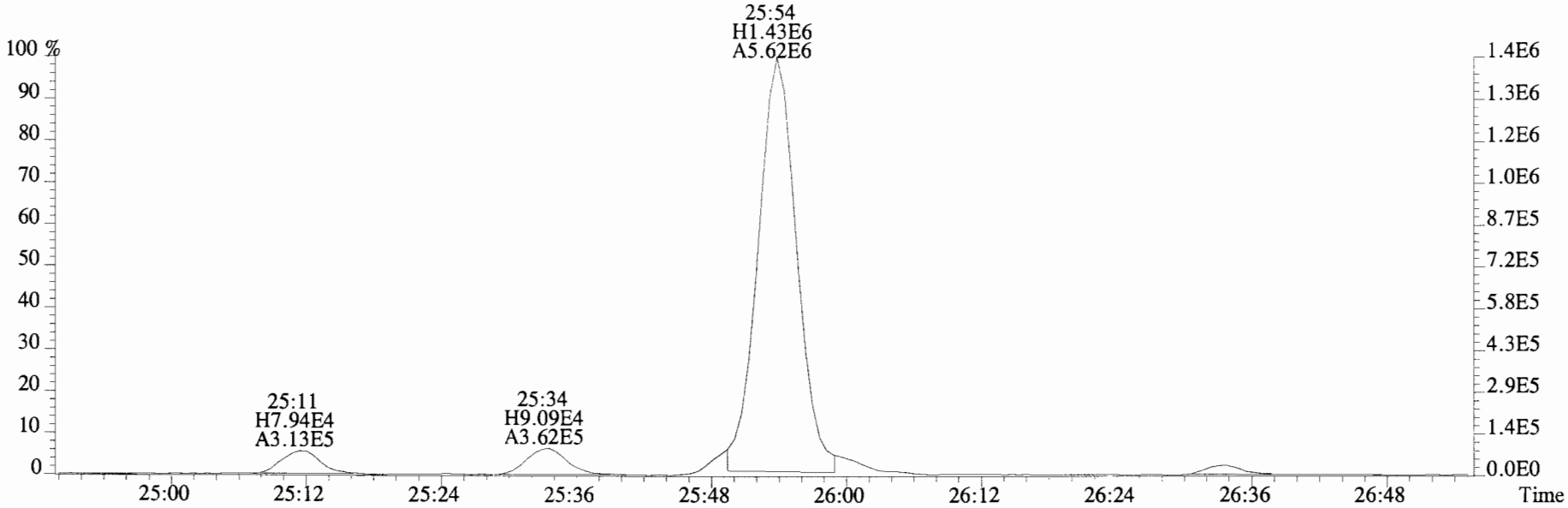
File:180315E1 #1-758 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
222.0003 S:9 F:2 SMO(1,3) BSUB(10000,15,-3.0)



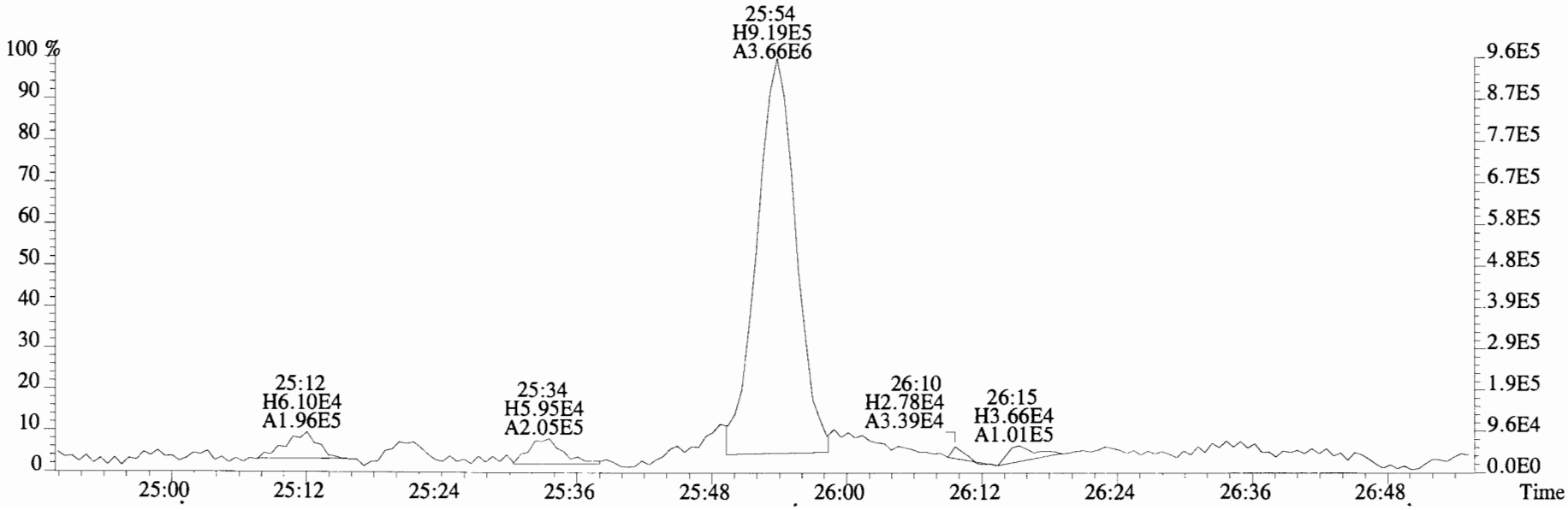
223.9974 S:9 F:2 SMO(1,3) BSUB(10000,15,-3.0)



File:180315E1 #1-758 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
222.0003 S:9 F:2 SMO(1,3) BSUB(10000,15,-3.0)

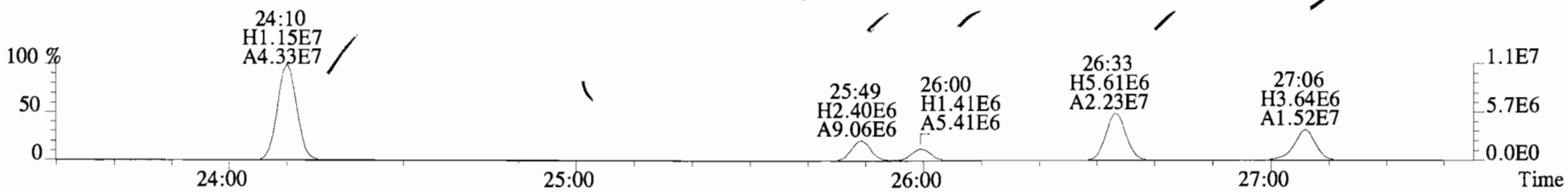


223.9974 S:9 F:2 SMO(1,3) BSUB(10000,15,-3.0)

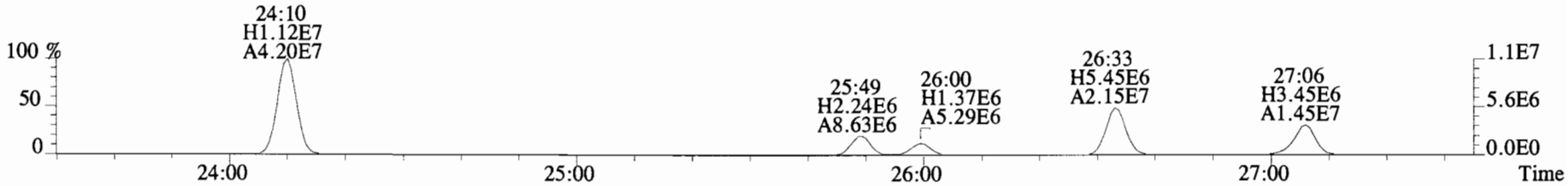


File:180315E1 #1-758 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1

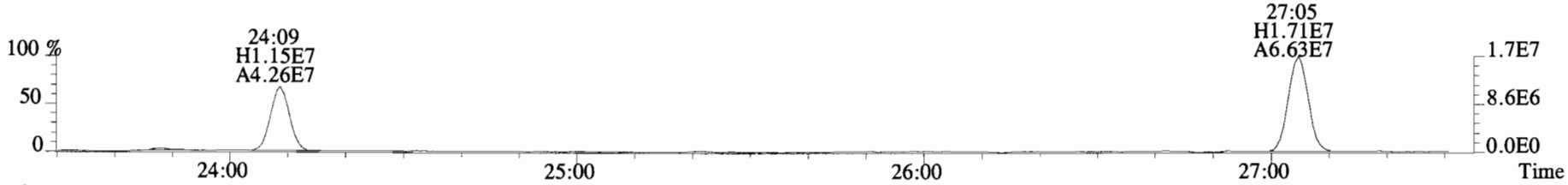
255.9613 S:9 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5624.0,0.00%,F,F)



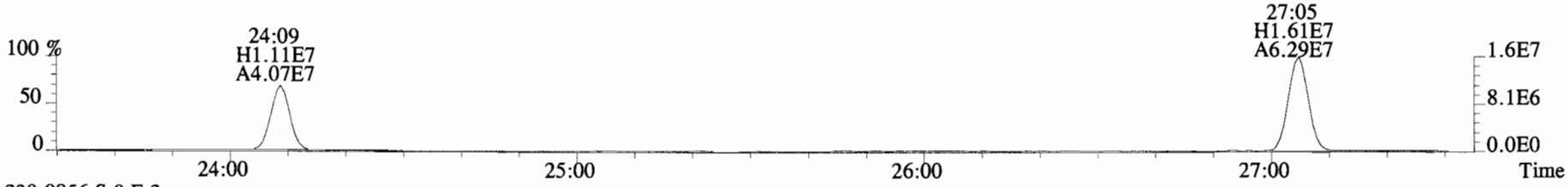
257.9584 S:9 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3772.0,0.00%,F,F)



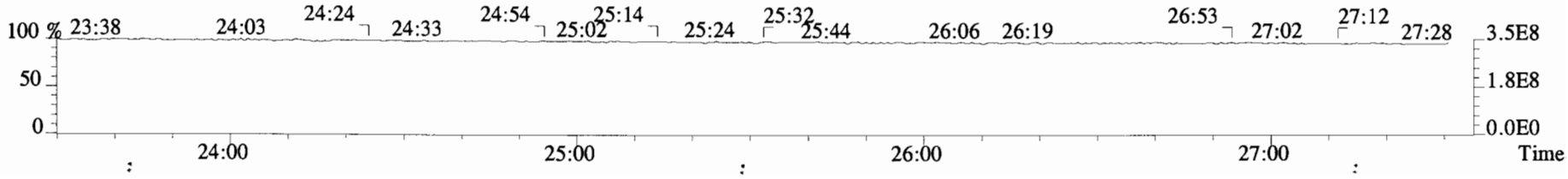
268.0016 S:9 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,264136.0,0.00%,F,F)



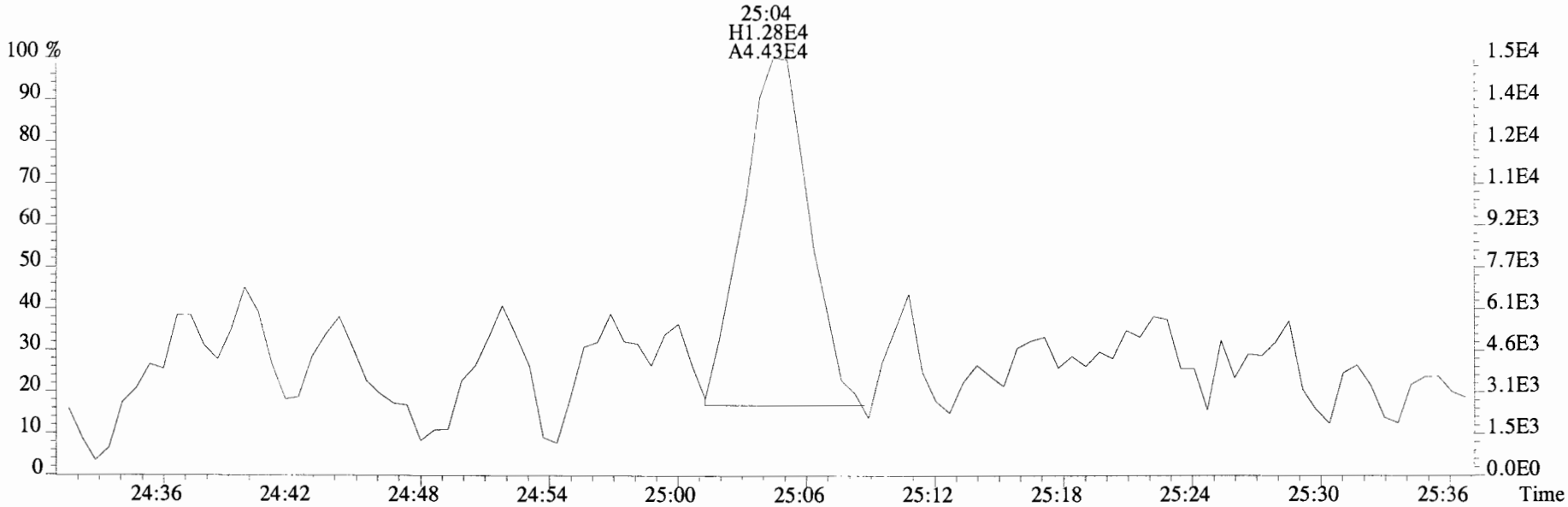
269.9986 S:9 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,178024.0,0.00%,F,F)



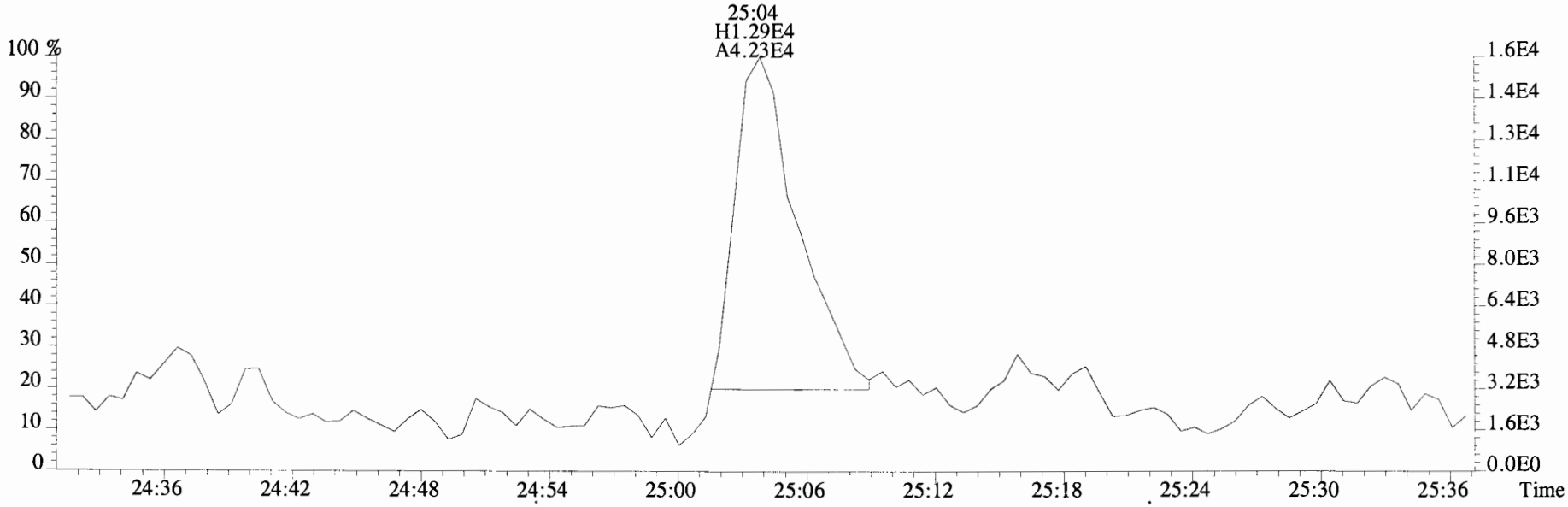
230.9856 S:9 F:2



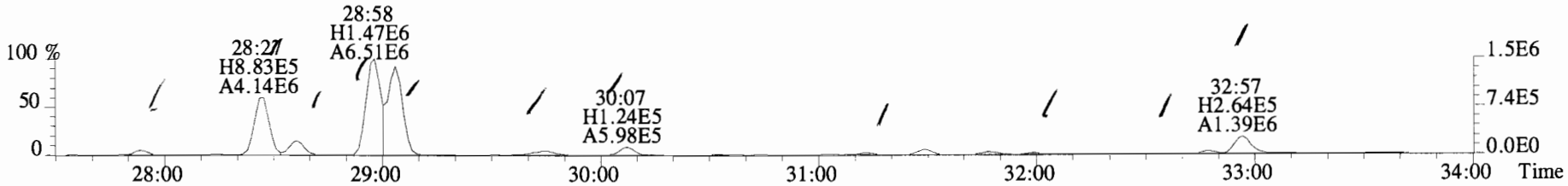
File:180315E1 #1-758 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
255.9613 S:9 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5624.0,0.00%,F,F)



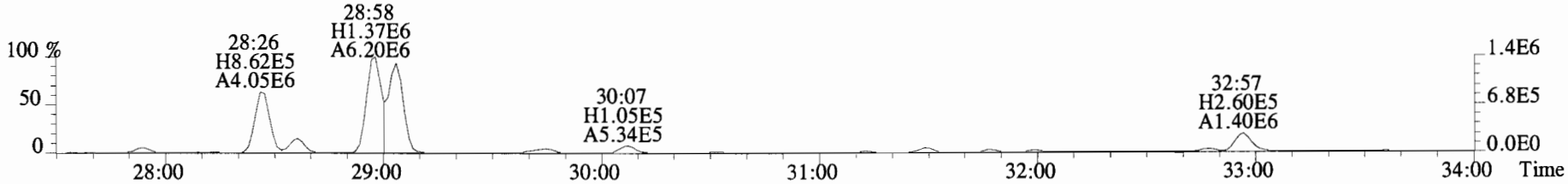
257.9584 S:9 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3772.0,0.00%,F,F)



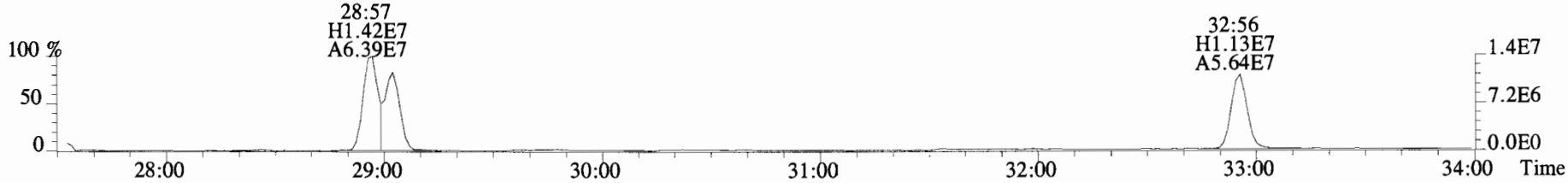
File:180315E1 #1-756 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
255.9613 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4360.0,0.00%,F,F)



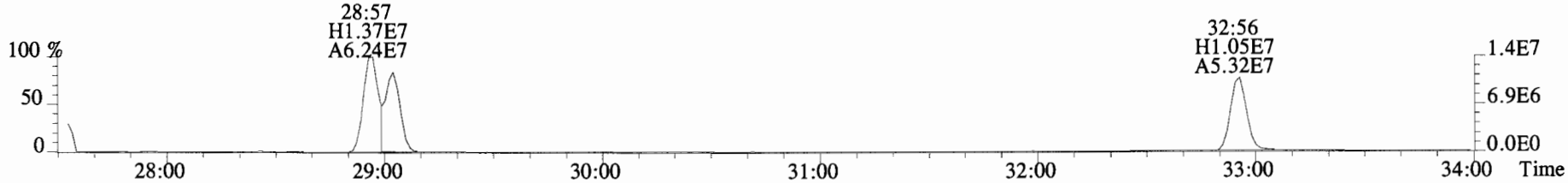
257.9584 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2928.0,0.00%,F,F)



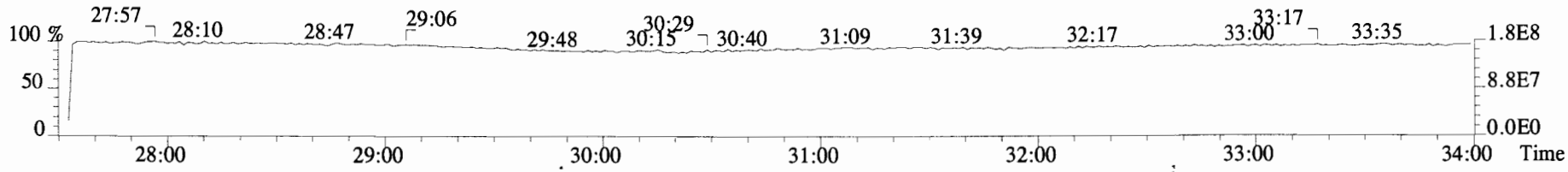
268.0016 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,214952.0,0.00%,F,F)



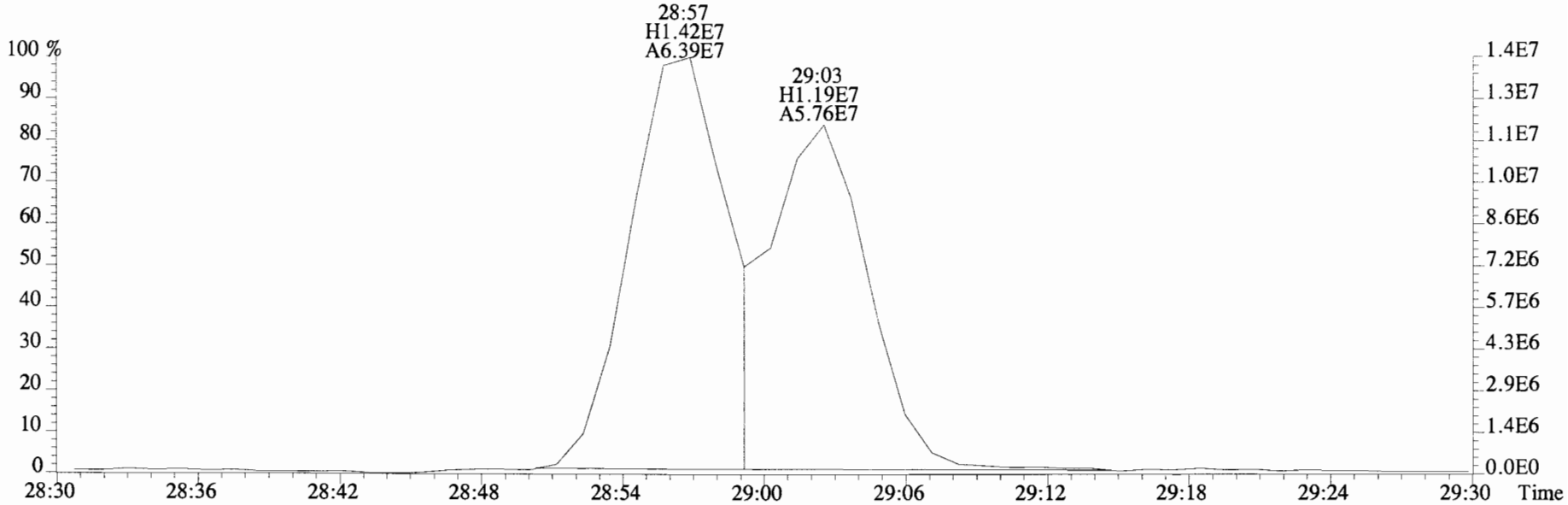
269.9986 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,86748.0,0.00%,F,F)



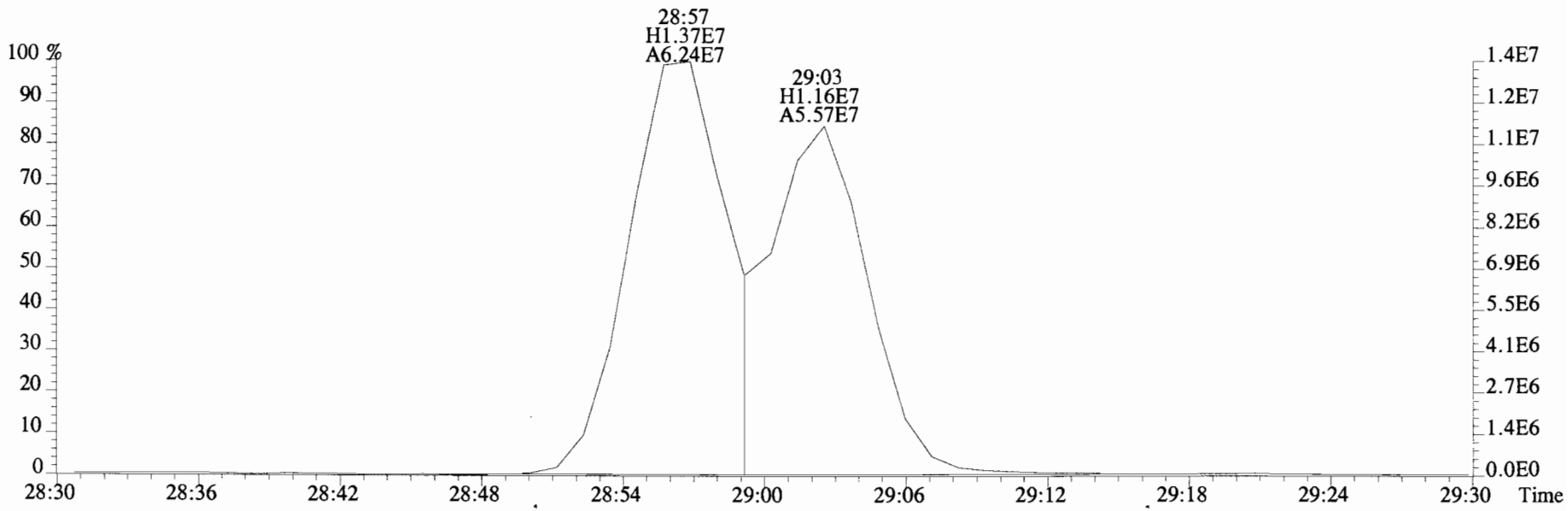
330.9792 S:9 F:3



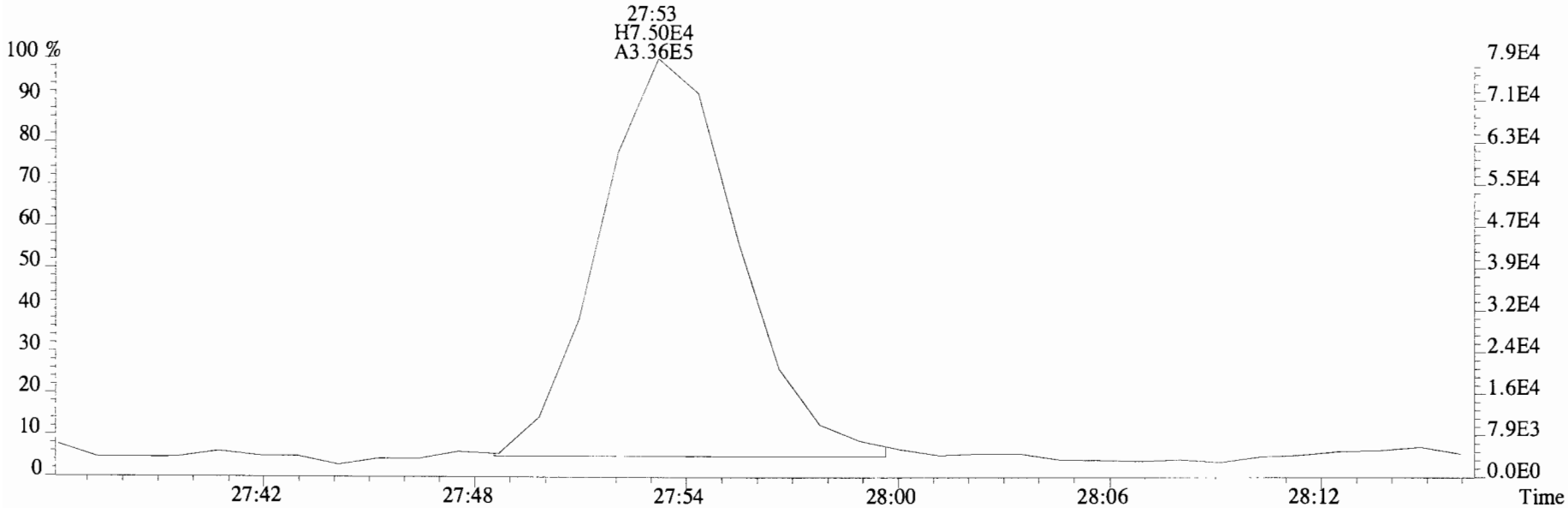
File:180315E1 #1-756 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
268.0016 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,214952.0,0.00%,F,F)



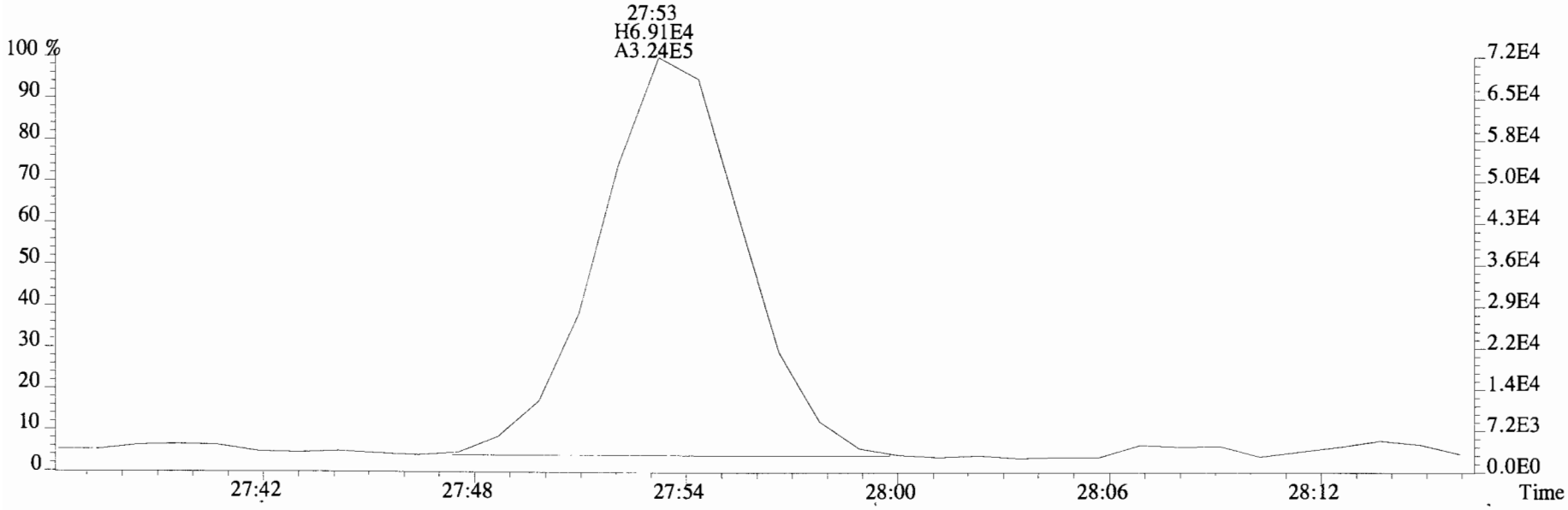
269.9986 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,86748.0,0.00%,F,F)



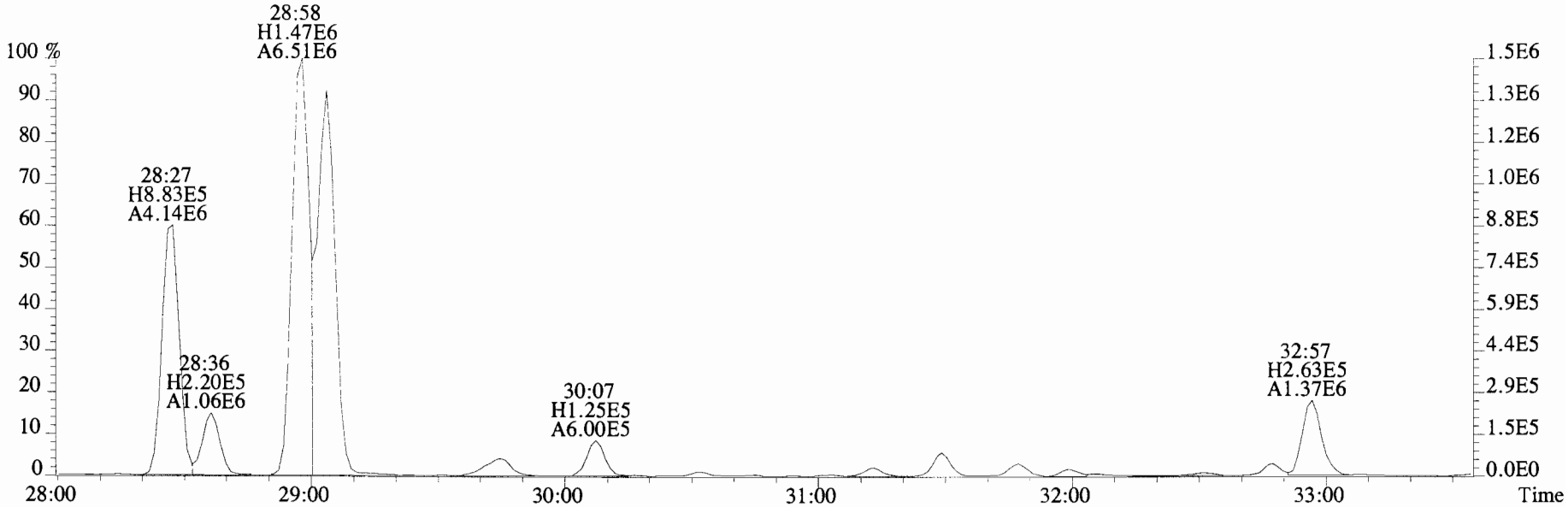
File:180315E1 #1-756 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
255.9613 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4360.0,0.00%,F,F)



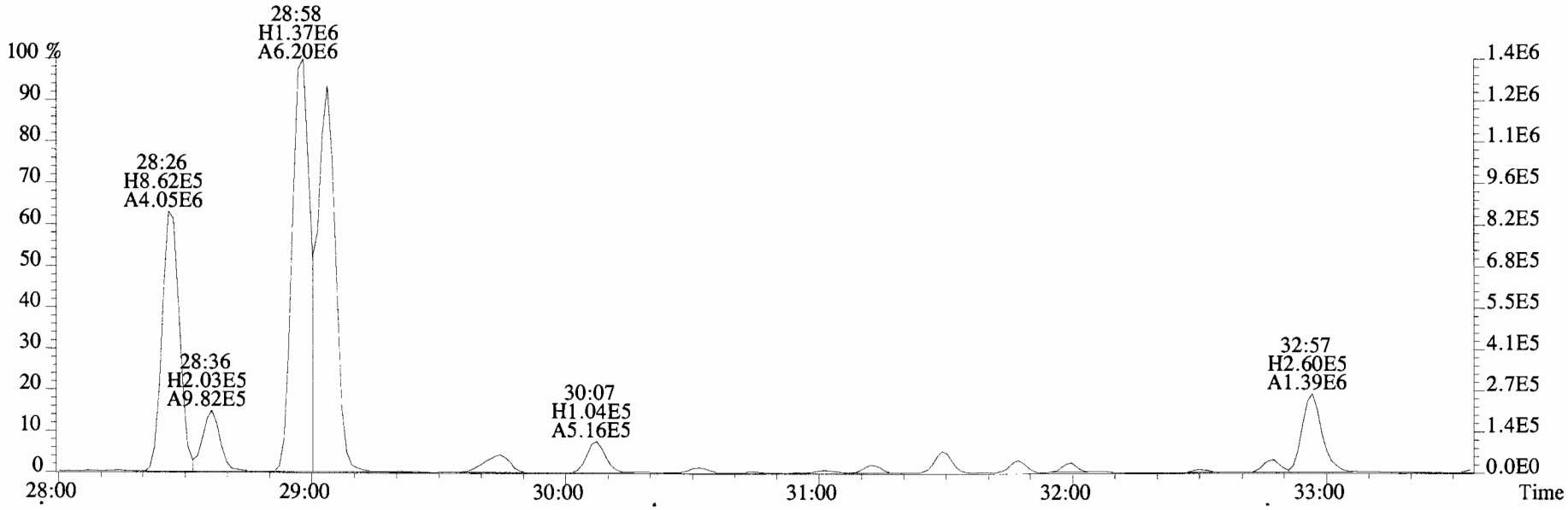
257.9584 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2928.0,0.00%,F,F)



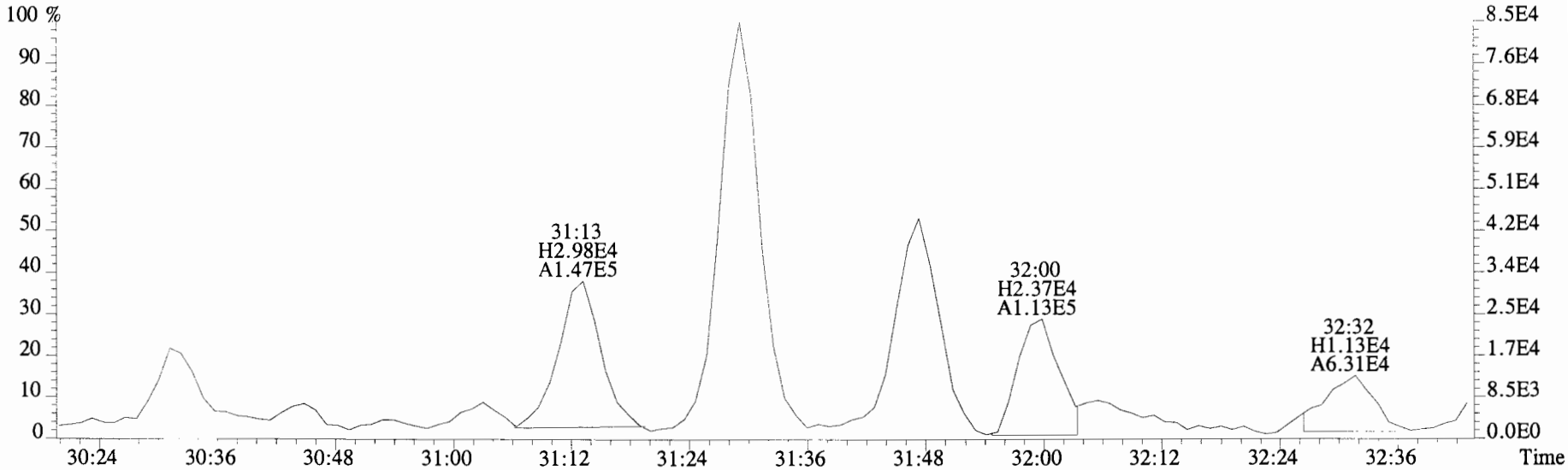
File:180315E1 #1-756 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
255.9613 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4360.0,0.00%,F,F)



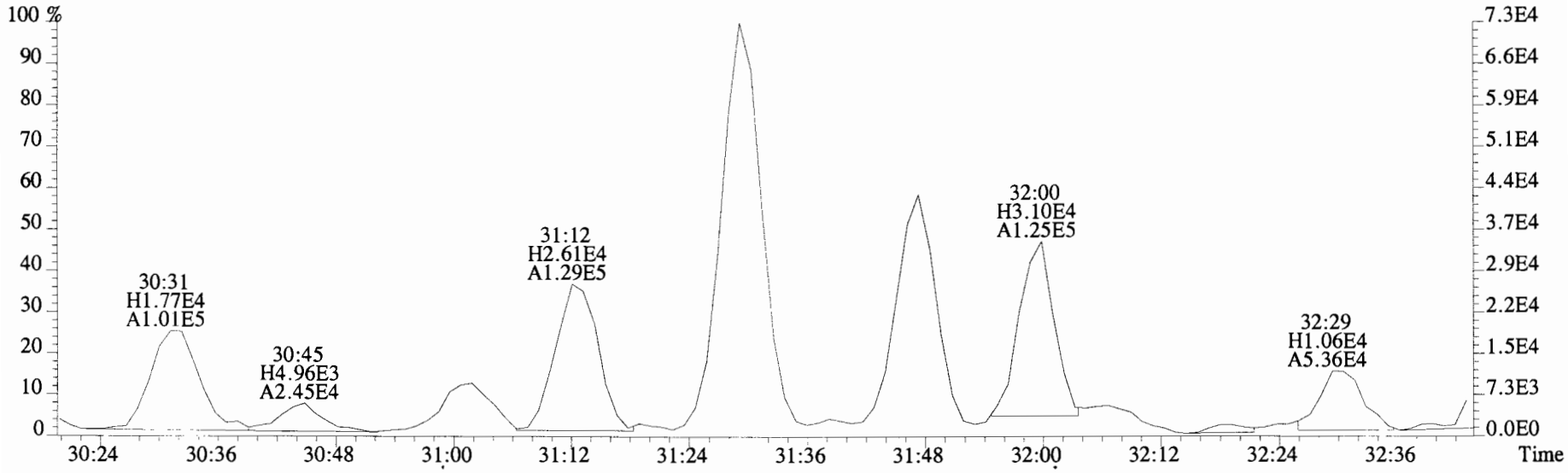
257.9584 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2928.0,0.00%,F,F)



File:180315E1 #1-756 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
255.9613 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4360.0,0.00%,F,F)

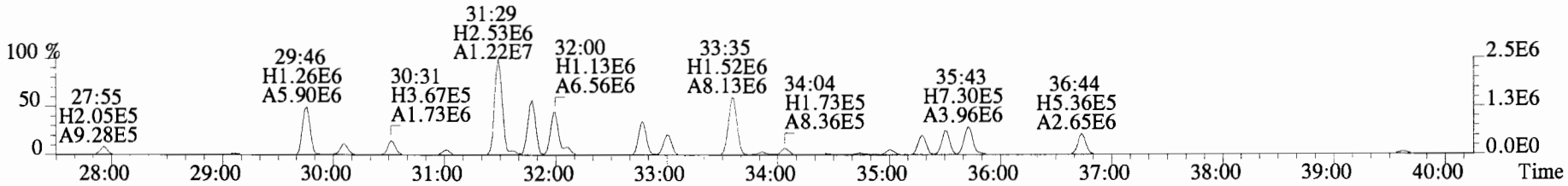


257.9584 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2928.0,0.00%,F,F)

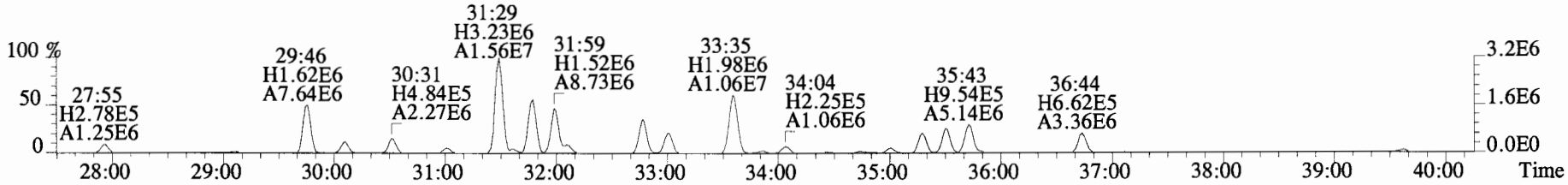


File:180315E1 #1-756 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1

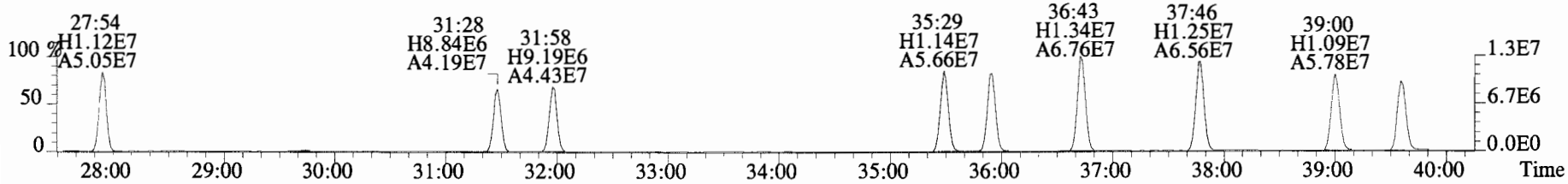
289.9224 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3832.0,0.00%,F,F)



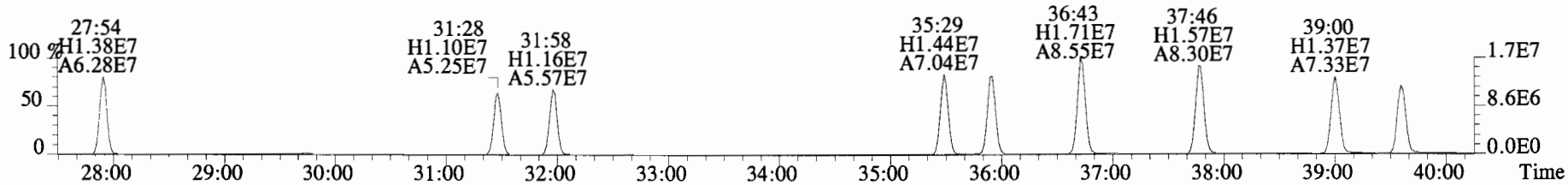
291.9194 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2924.0,0.00%,F,F)



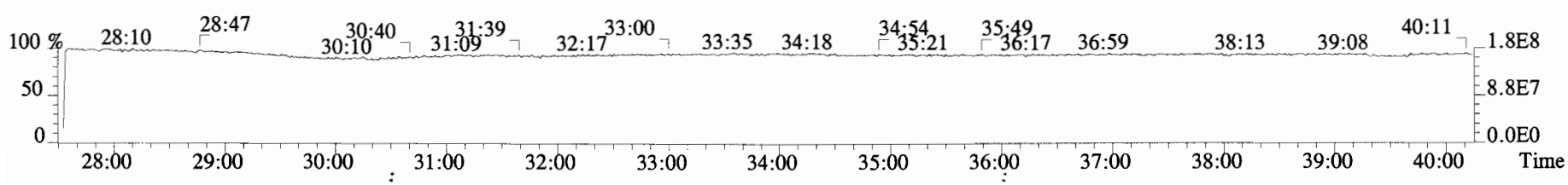
301.9626 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74300.0,0.00%,F,F)



303.9597 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36808.0,0.00%,F,F)

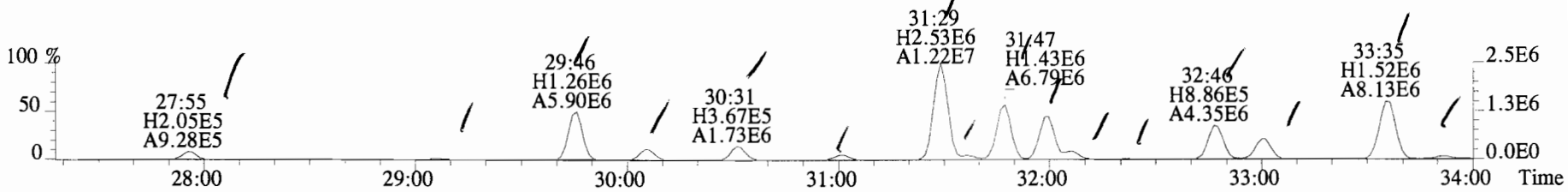


330.9792 S:9 F:3



File:180315E1 #1-756 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1

289.9224 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3832.0,0.00%,F,F)



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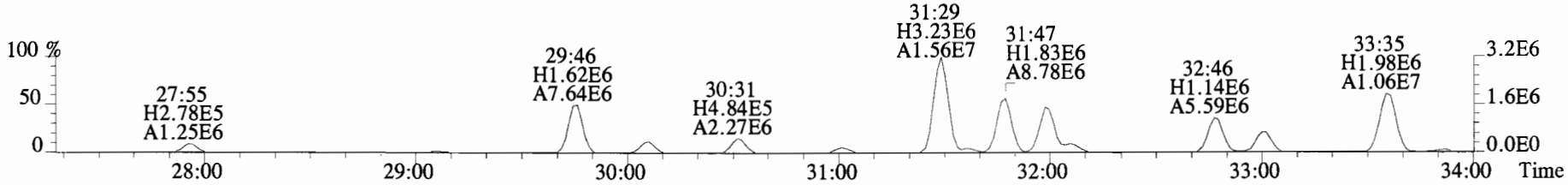
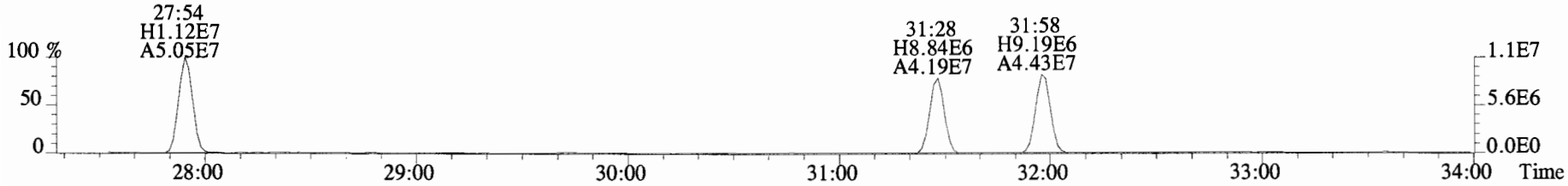
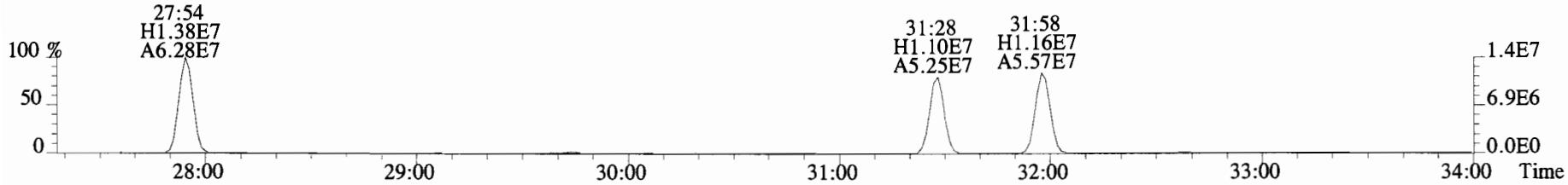


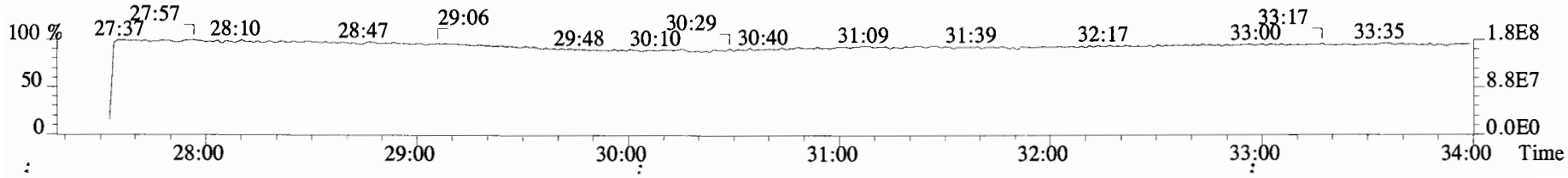
301.9626 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74300.0,0.00%,F,F)



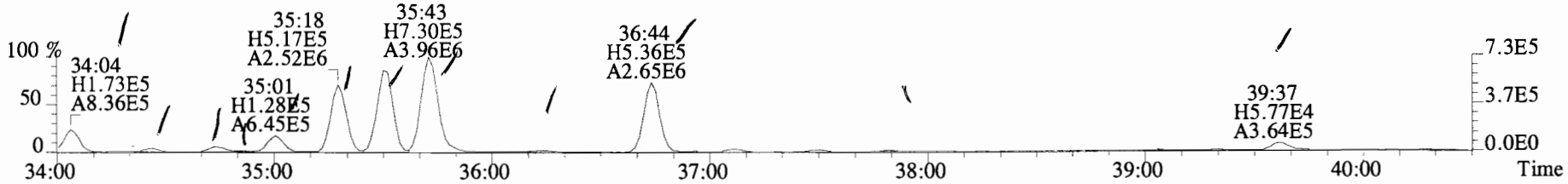
303.9597 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36808.0,0.00%,F,F)



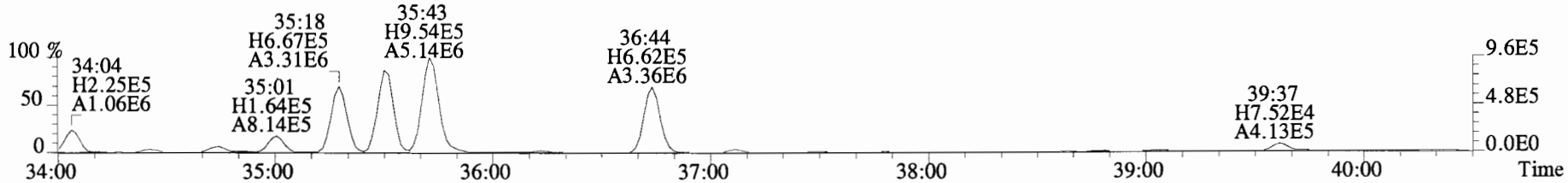
330.9792 S:9 F:3



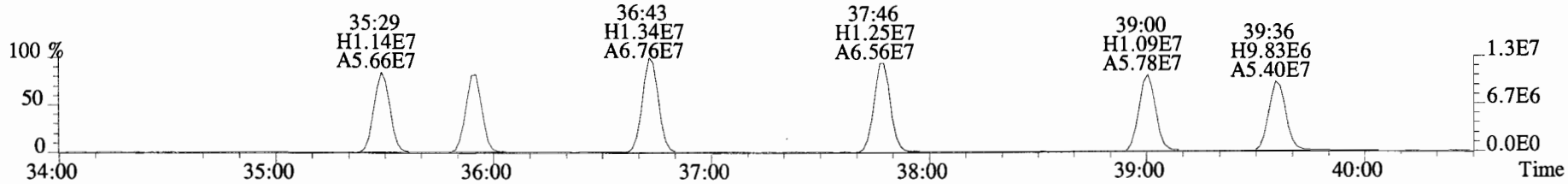
File:180315E1 #1-756 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
289.9224 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3832.0,0.00%,F,F)



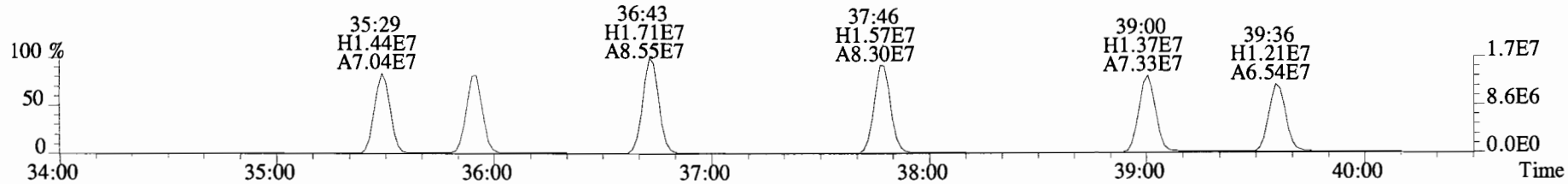
291.9194 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2924.0,0.00%,F,F)



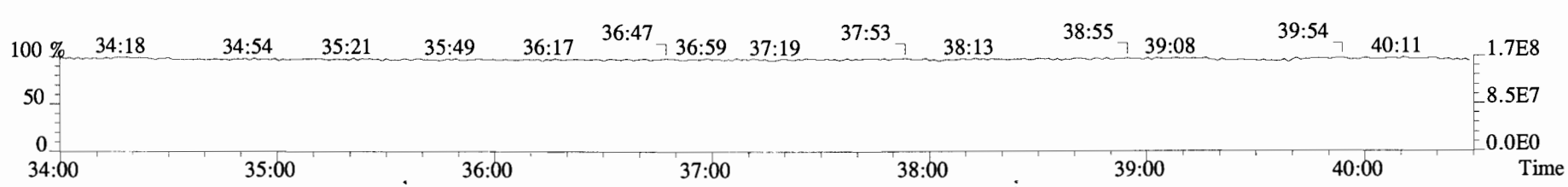
301.9626 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74300.0,0.00%,F,F)



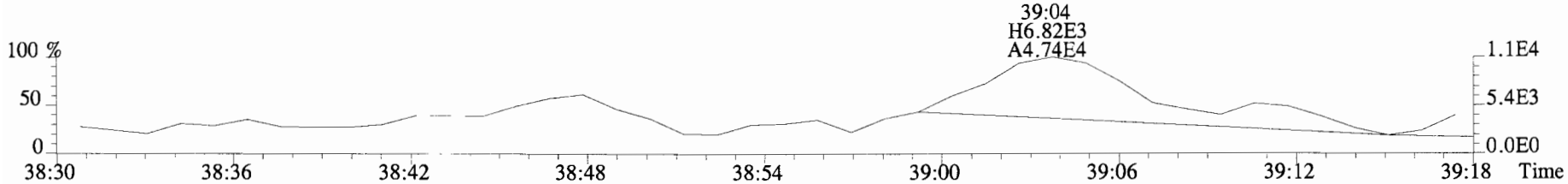
303.9597 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36808.0,0.00%,F,F)



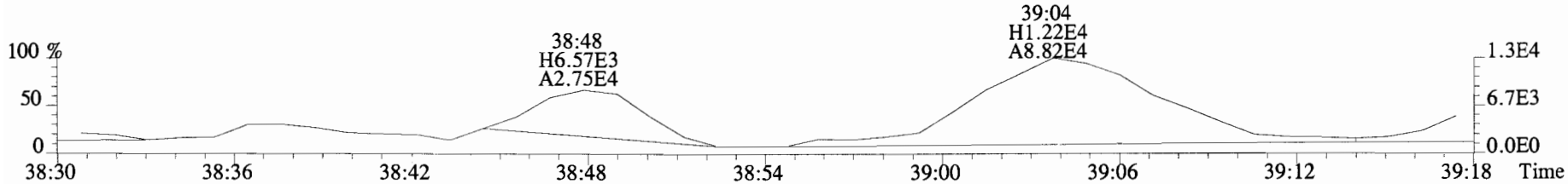
330.9792 S:9 F:3



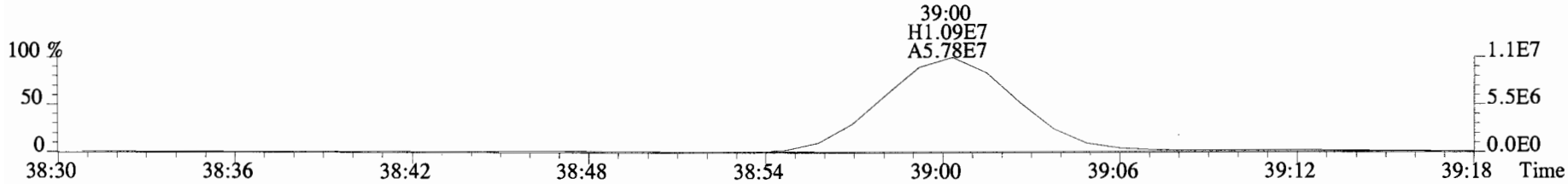
File:180315E1 #1-756 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
289.9224 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3832.0,0.00%,F,F)



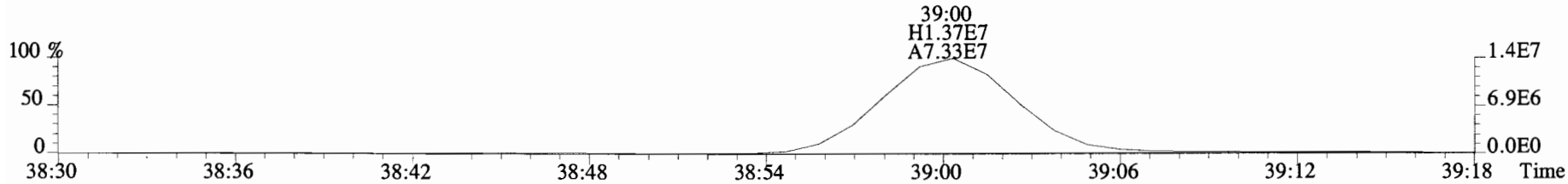
291.9194 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2924.0,0.00%,F,F)



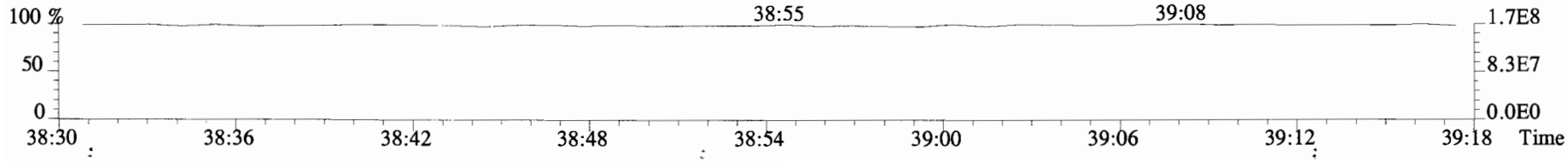
301.9626 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74300.0,0.00%,F,F)



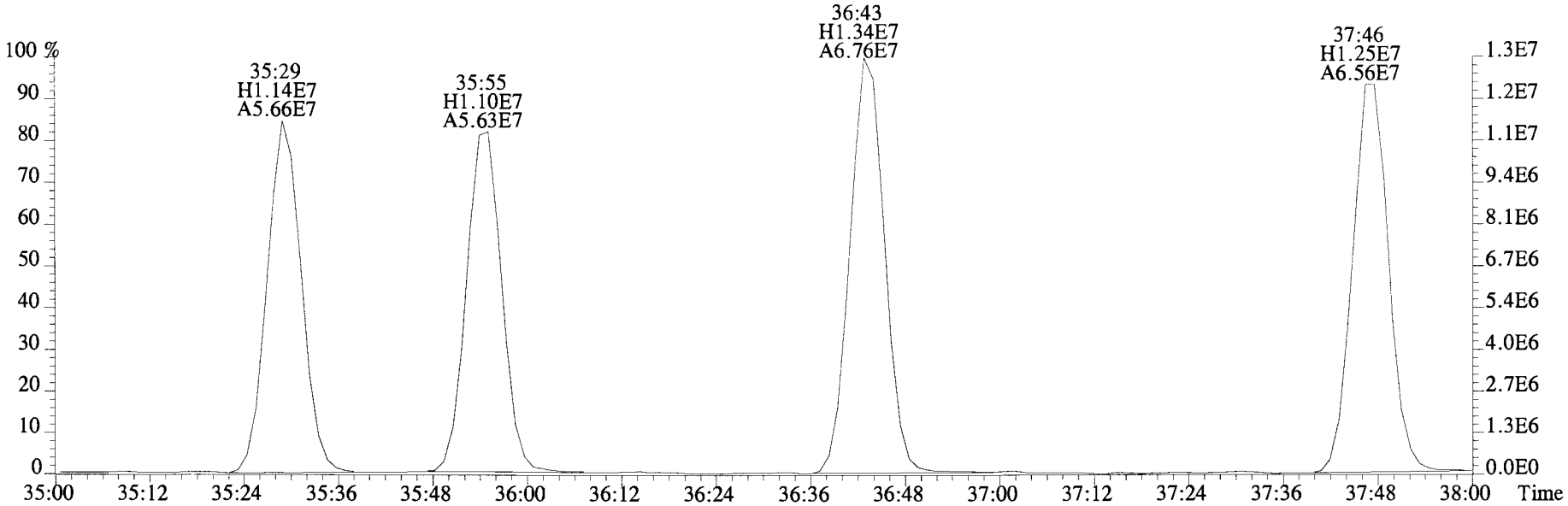
303.9597 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36808.0,0.00%,F,F)



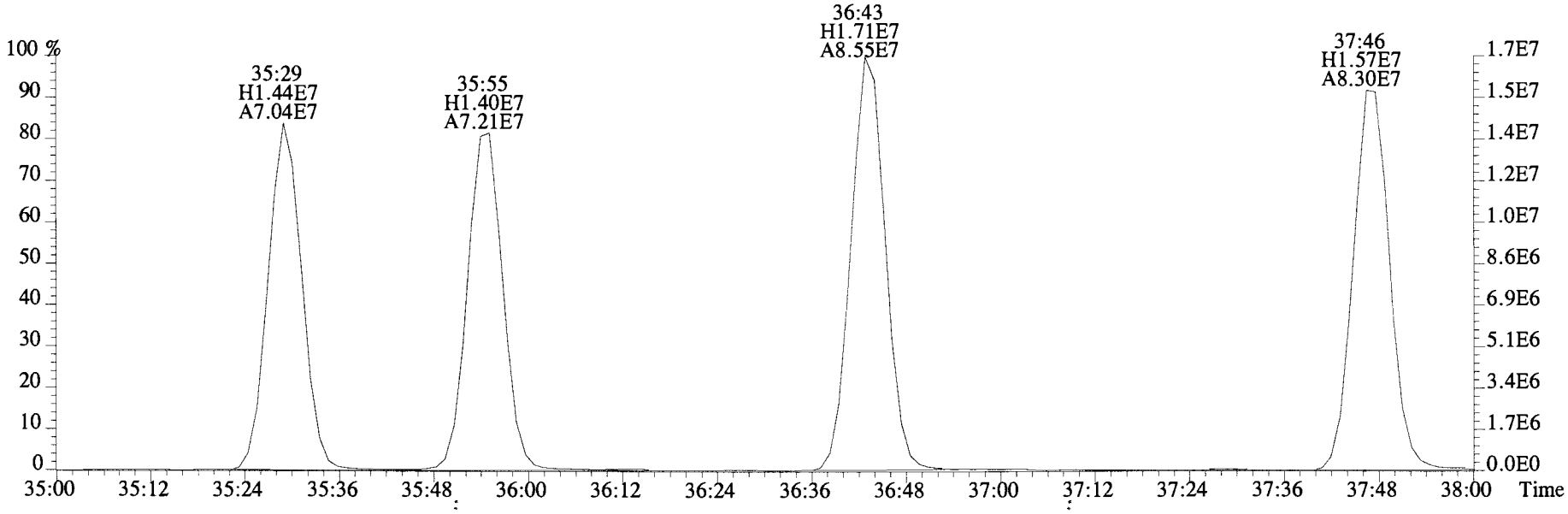
330.9792 S:9 F:3



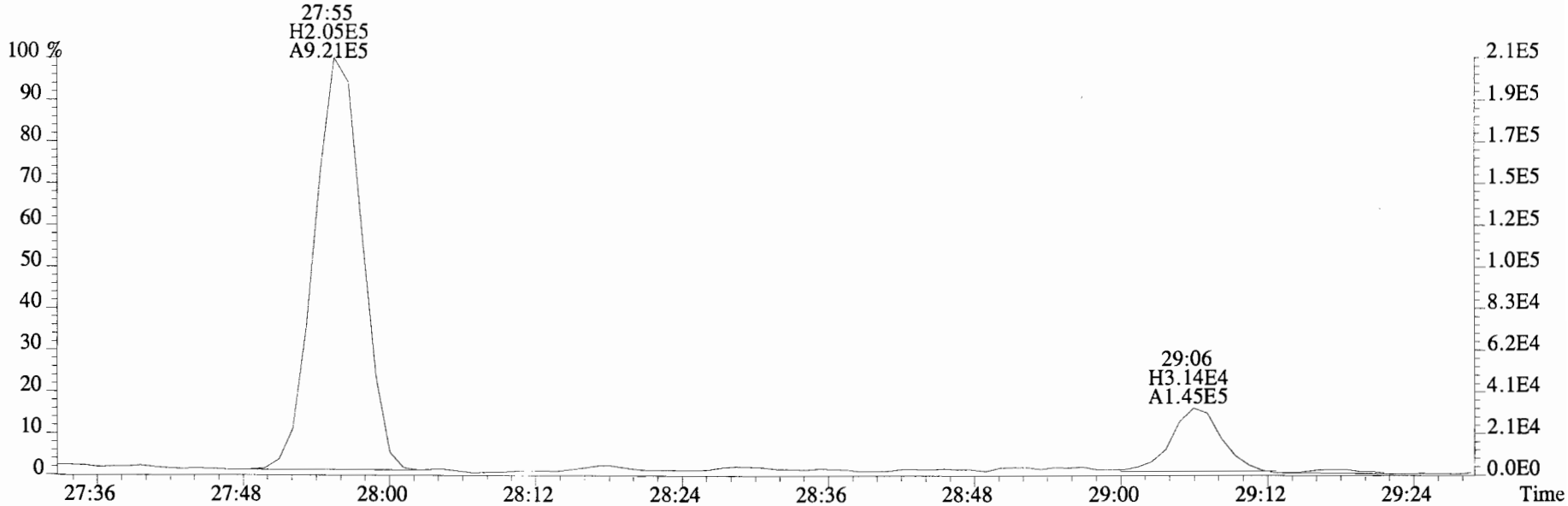
File:180315E1 #1-756 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
301.9626 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74300.0,0.00%,F,F)



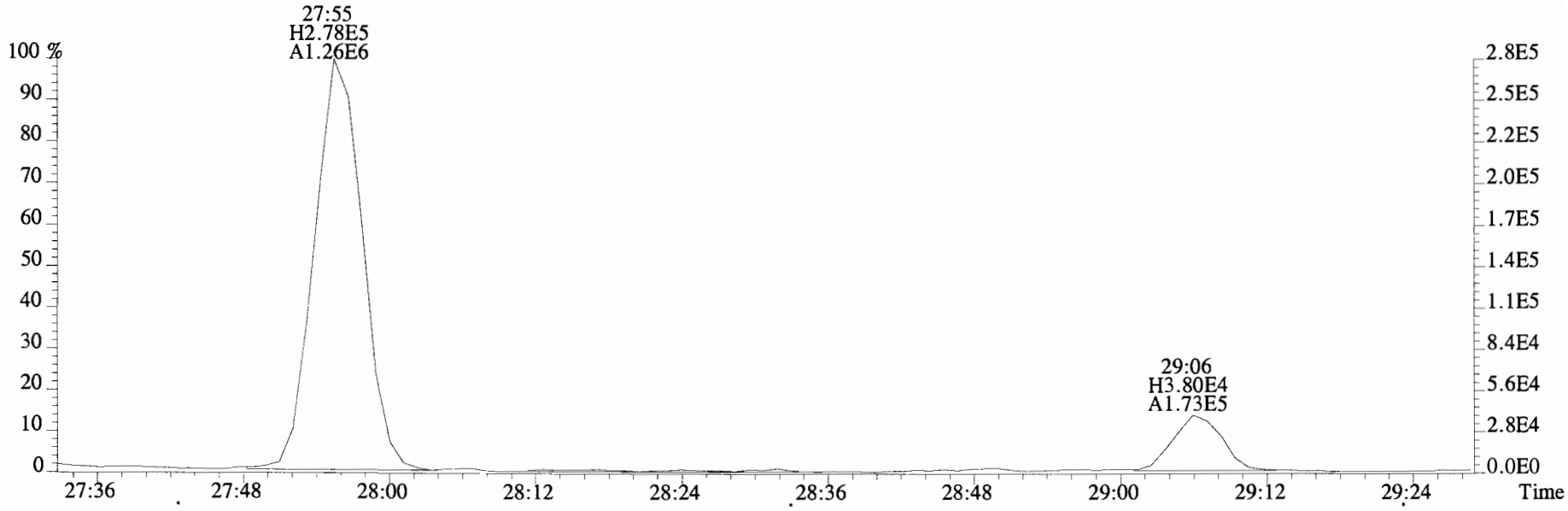
303.9597 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36808.0,0.00%,F,F)



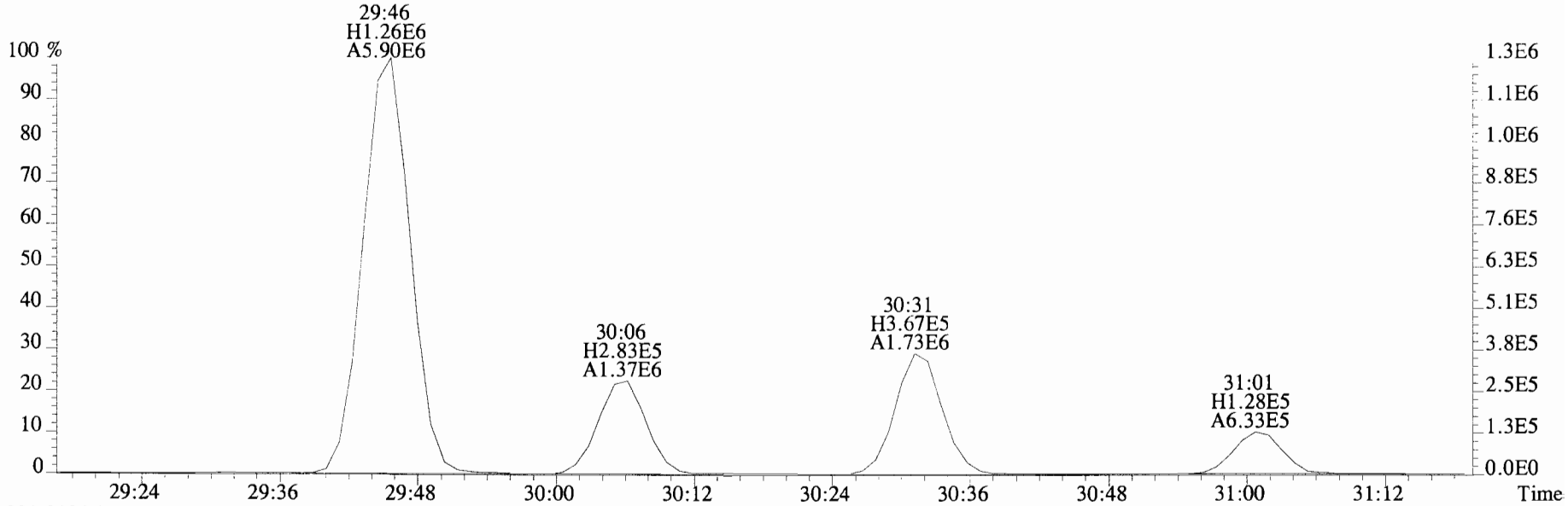
File:180315E1 #1-756 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
289.9224 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3832.0,0.00%,F,F)



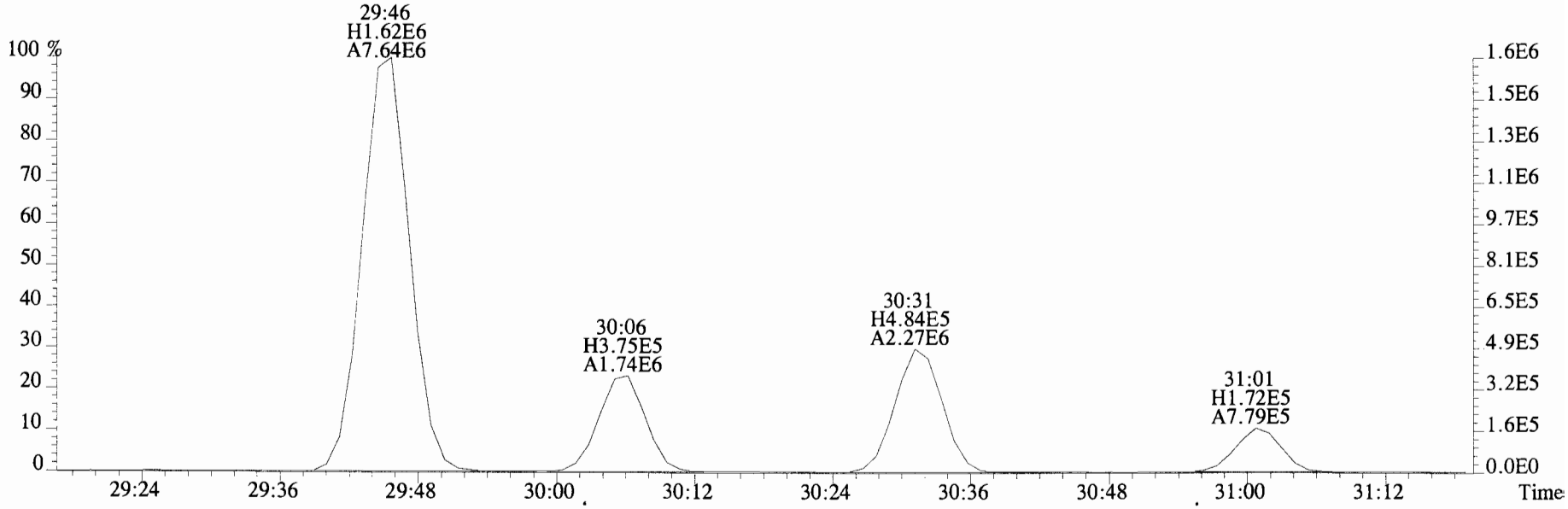
291.9194 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2924.0,0.00%,F,F)



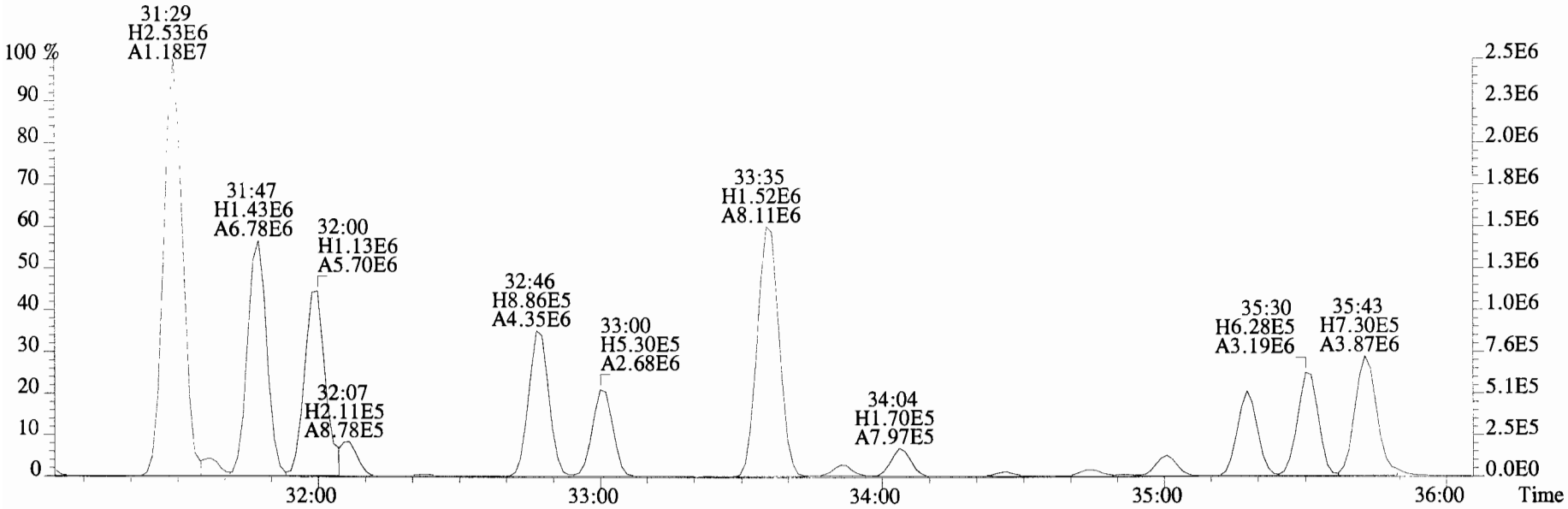
File:180315E1 #1-756 Acq:15-MAR-2018 18:10:33 GC El+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
289.9224 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3832.0,0.00%,F,F)



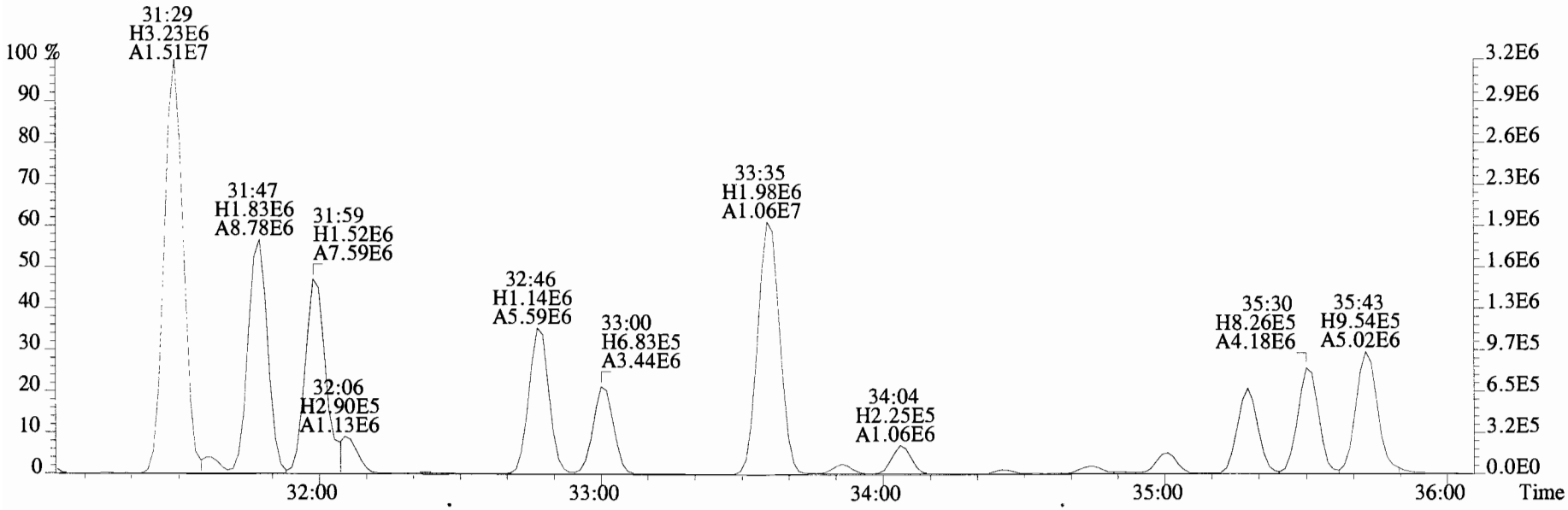
291.9194 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2924.0,0.00%,F,F)



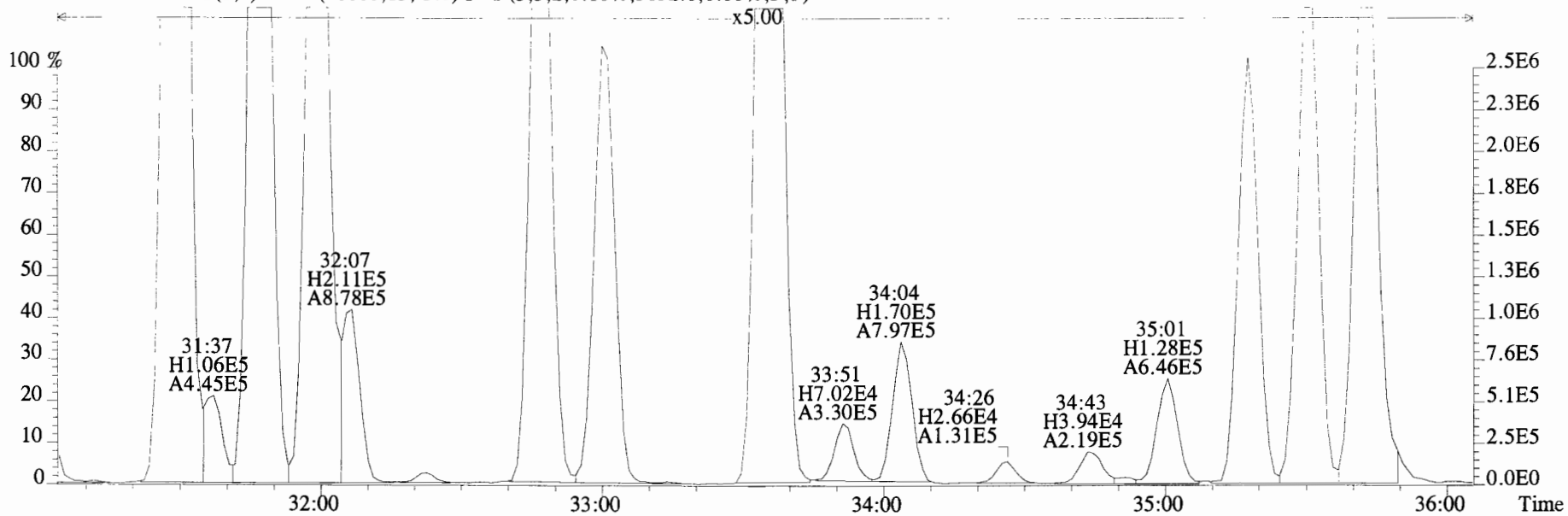
File:180315E1 #1-756 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
289.9224 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3832.0,0.00%,F,F)



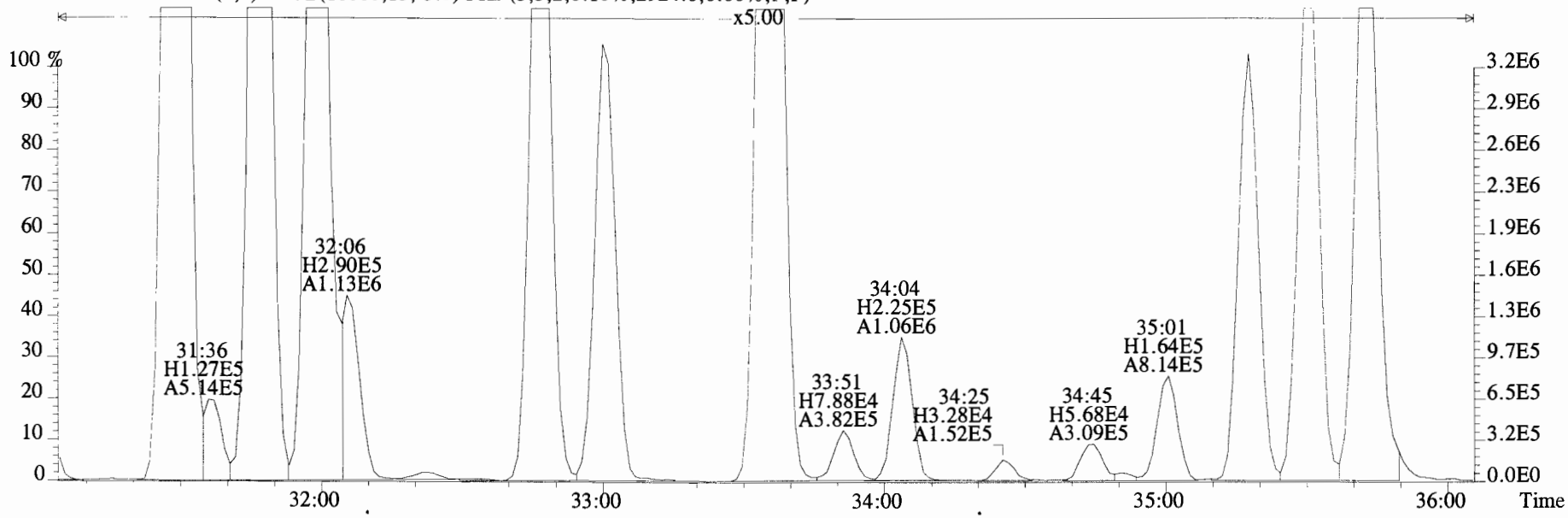
291.9194 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2924.0,0.00%,F,F)



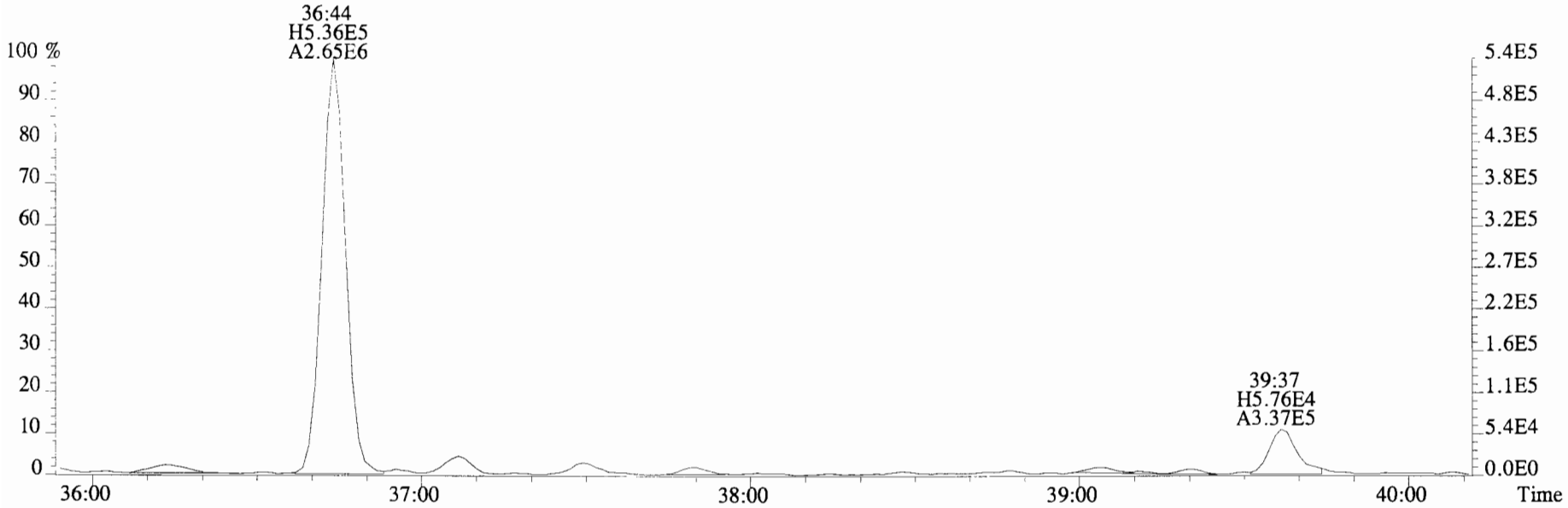
File:180315E1 #1-756 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
289.9224 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3832.0,0.00%,F,F)



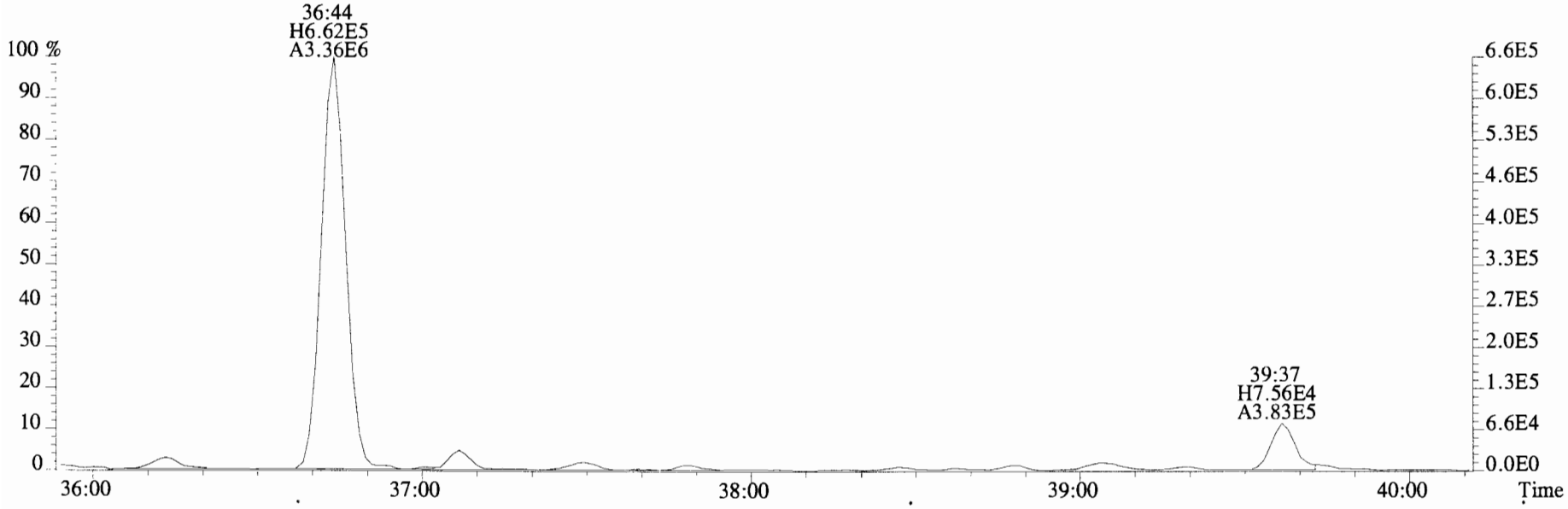
291.9194 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2924.0,0.00%,F,F)



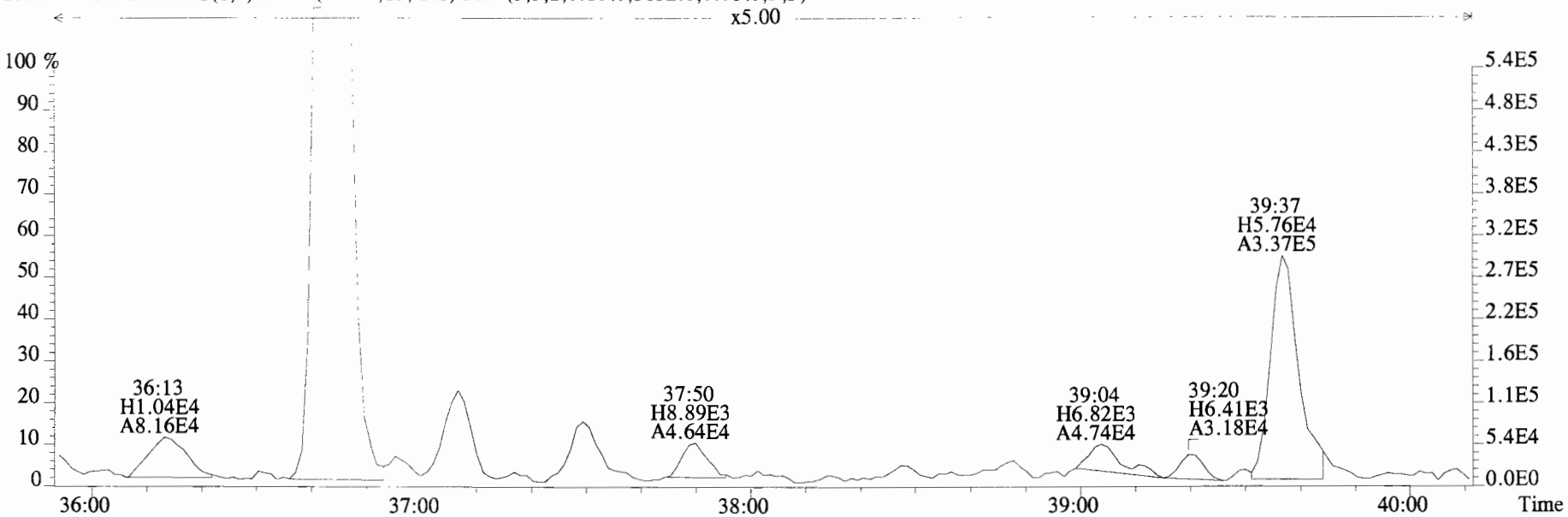
File:180315E1 #1-756 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
289.9224 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3832.0,0.00%,F,F)



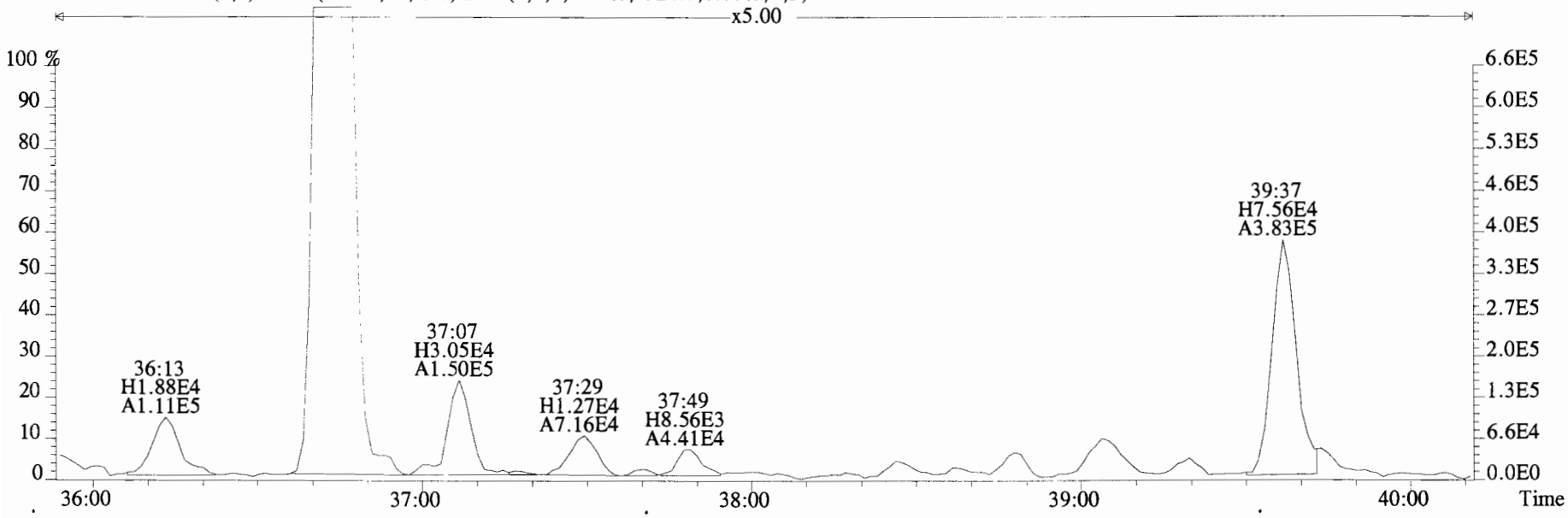
291.9194 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2924.0,0.00%,F,F)



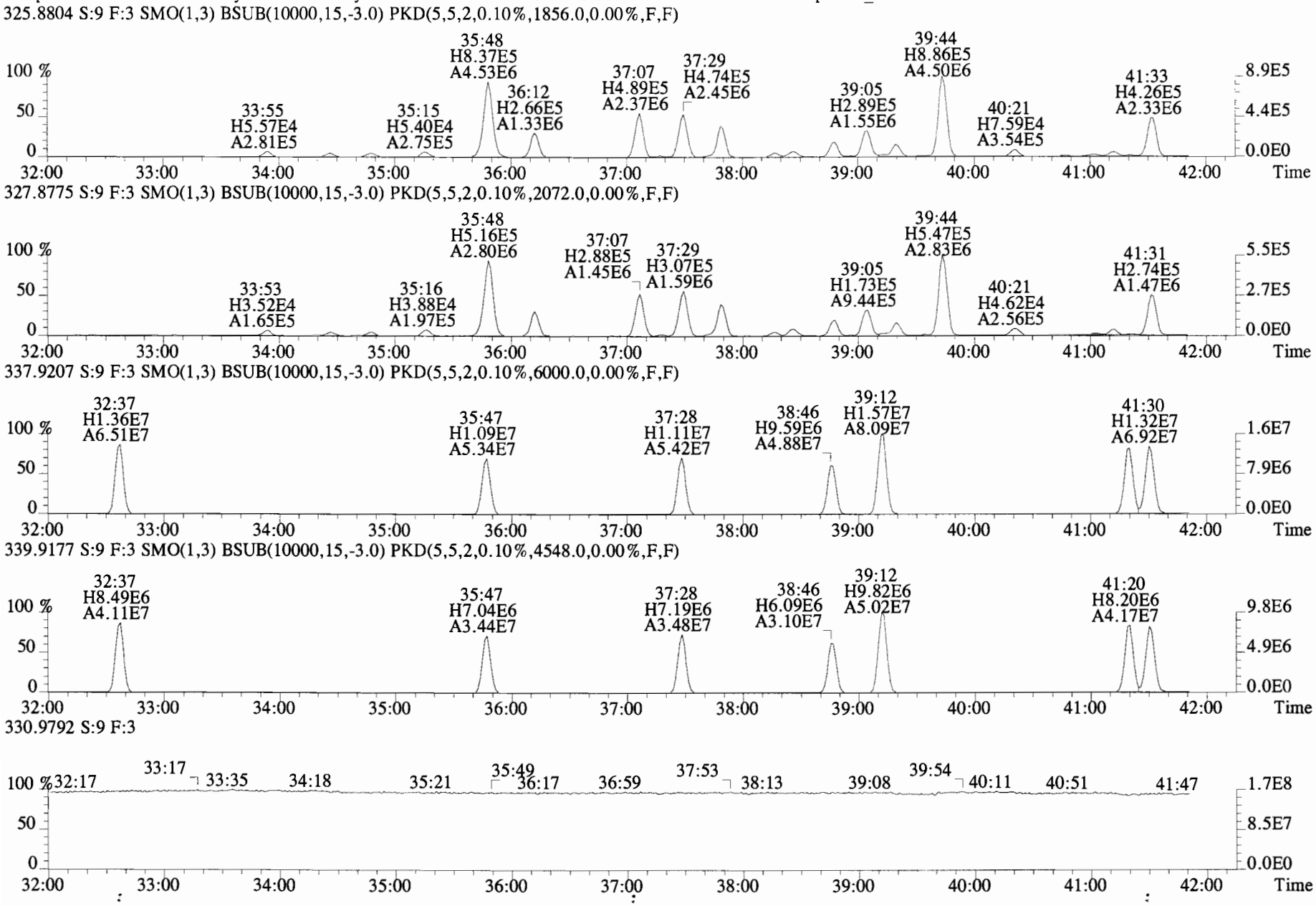
File:180315E1 #1-756 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
289.9224 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3832.0,0.00%,F,F)



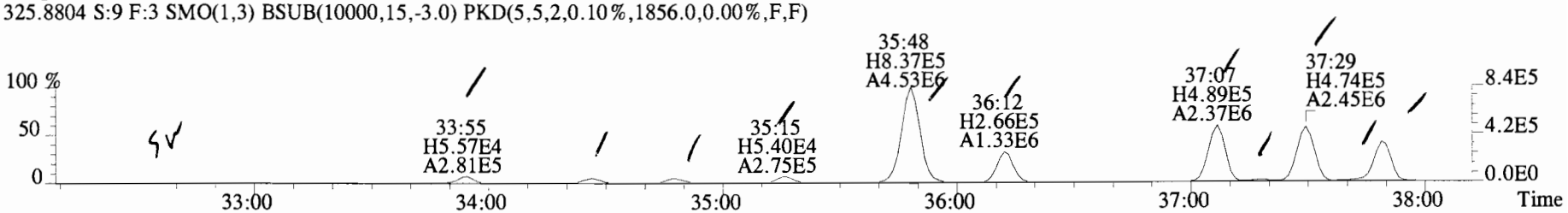
291.9194 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2924.0,0.00%,F,F)



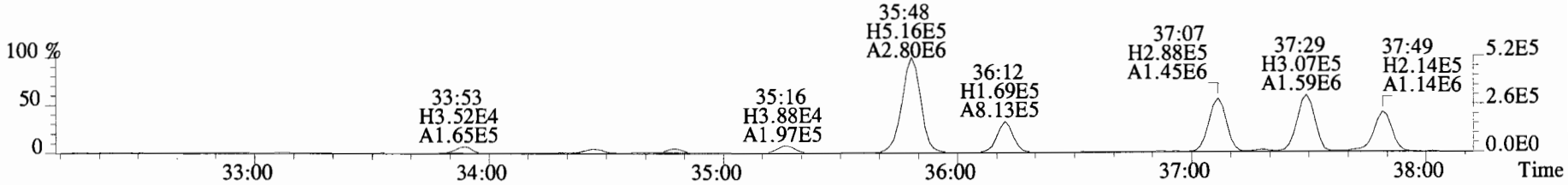
File:180315E1 #1-756 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1



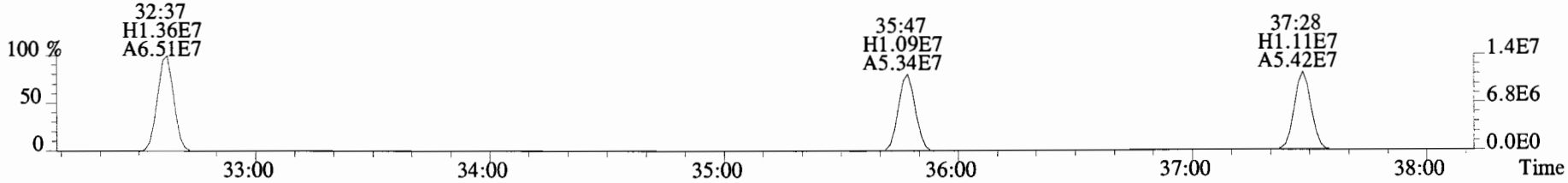
File:180315E1 #1-756 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
325.8804 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1856.0,0.00%,F,F)



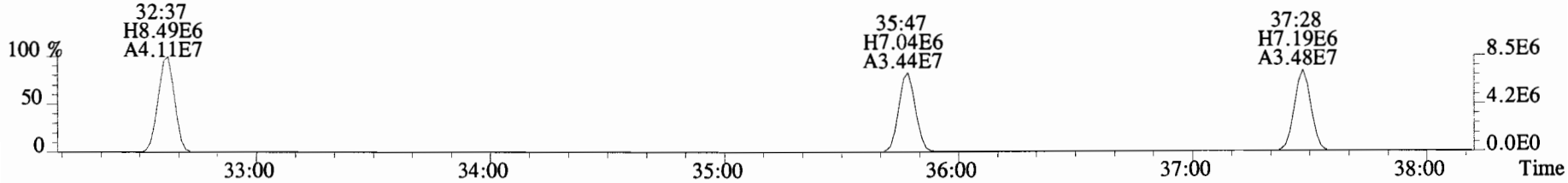
327.8775 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2072.0,0.00%,F,F)



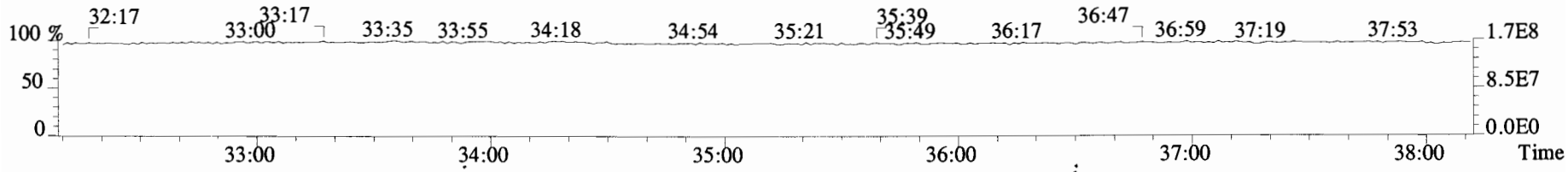
337.9207 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6000.0,0.00%,F,F)



339.9177 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4548.0,0.00%,F,F)

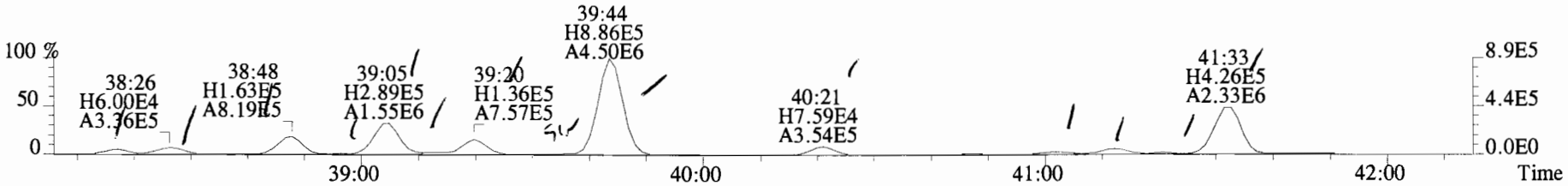


330.9792 S:9 F:3

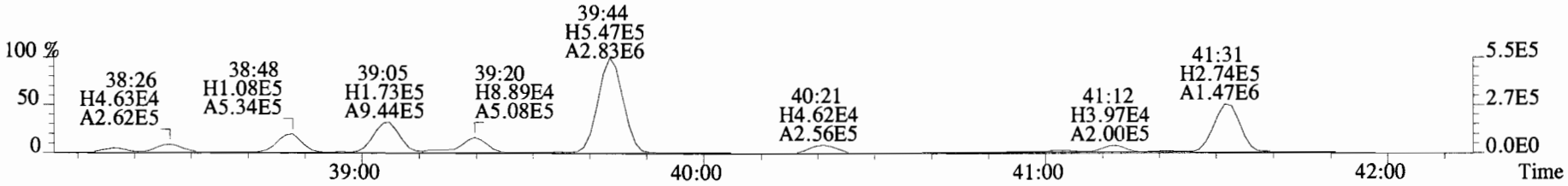


File:180315E1 #1-756 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1

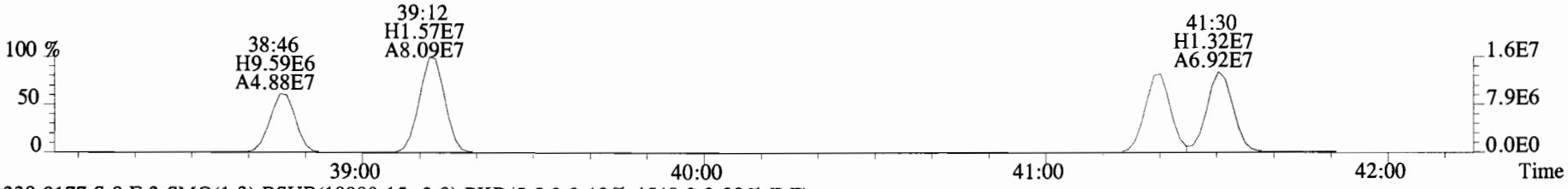
325.8804 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1856.0,0.00%,F,F)



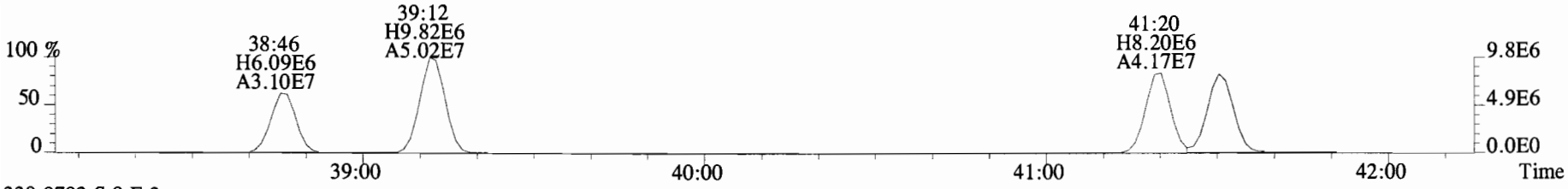
327.8775 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2072.0,0.00%,F,F)



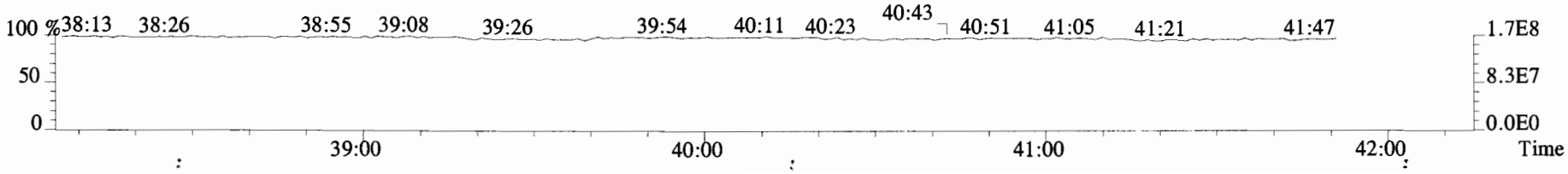
337.9207 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6000.0,0.00%,F,F)



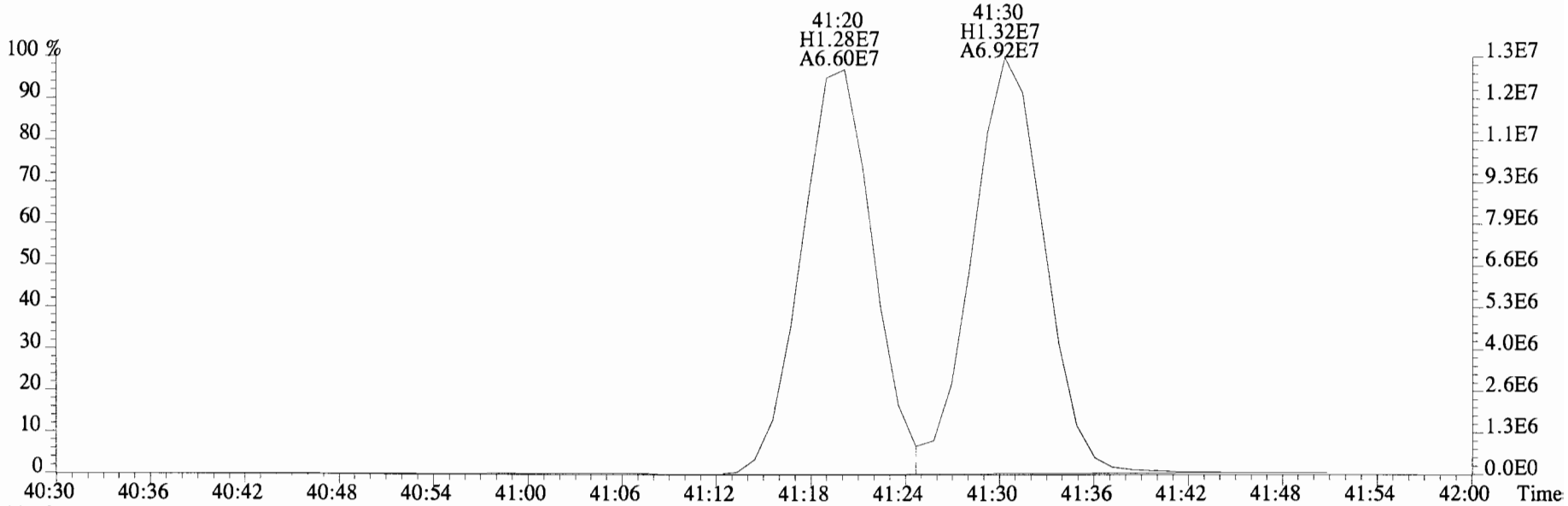
339.9177 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4548.0,0.00%,F,F)



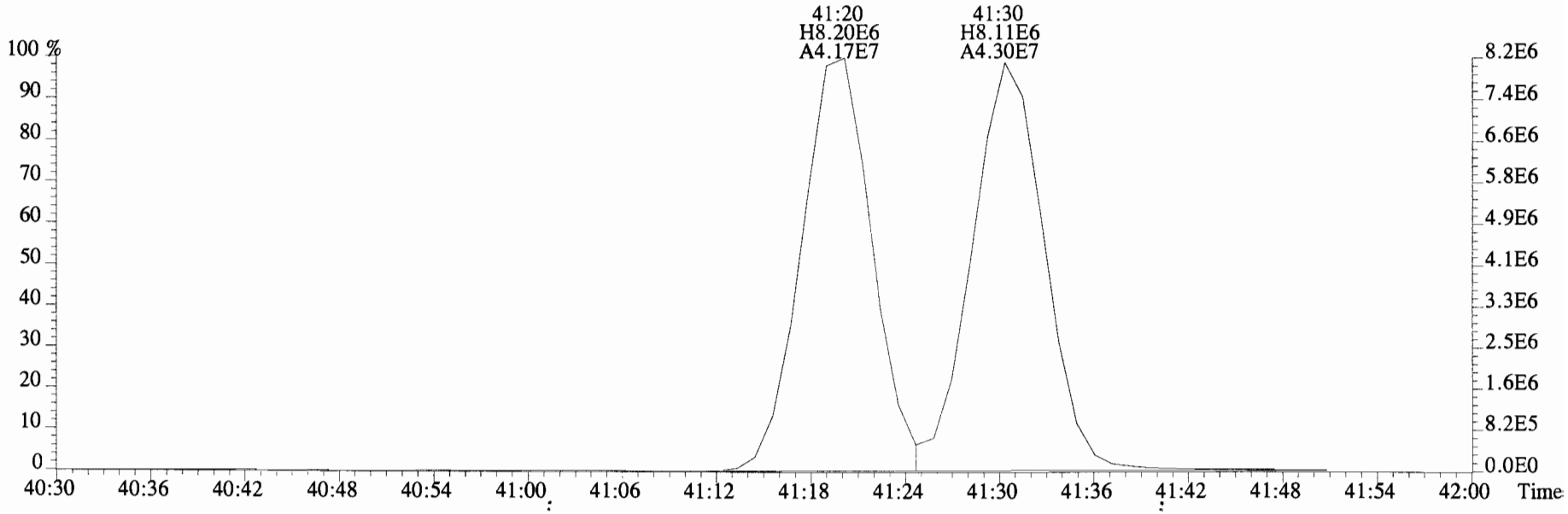
330.9792 S:9 F:3



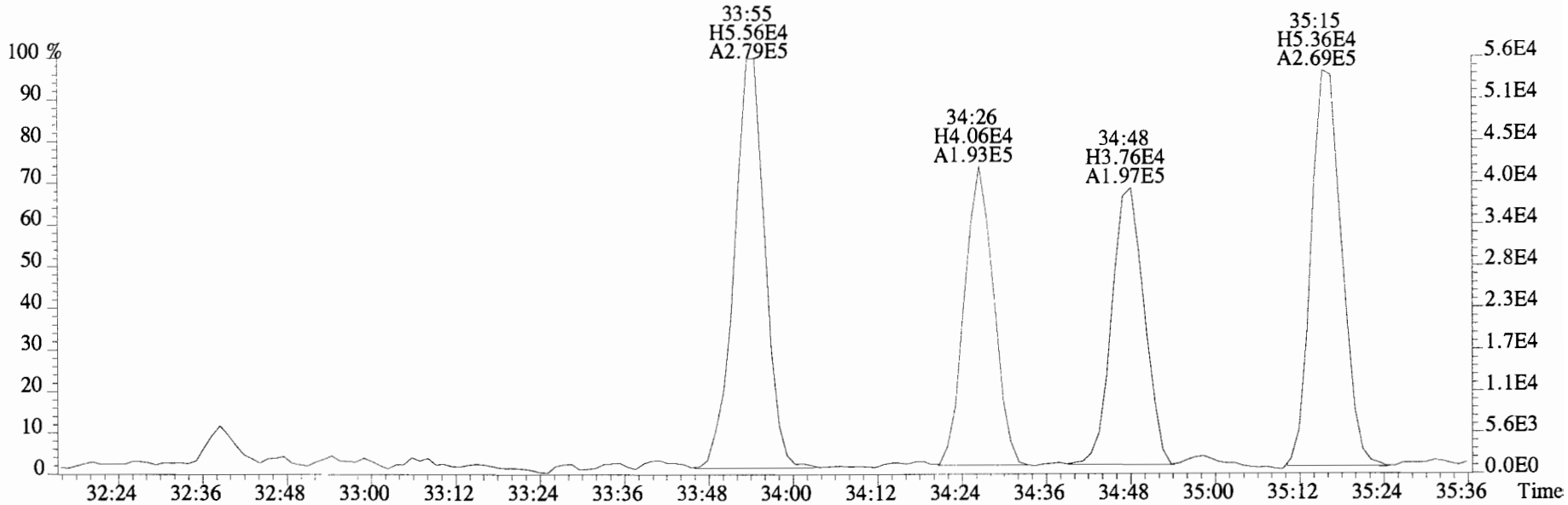
File:180315E1 #1-756 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
337.9207 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6000.0,0.00%,F,F)



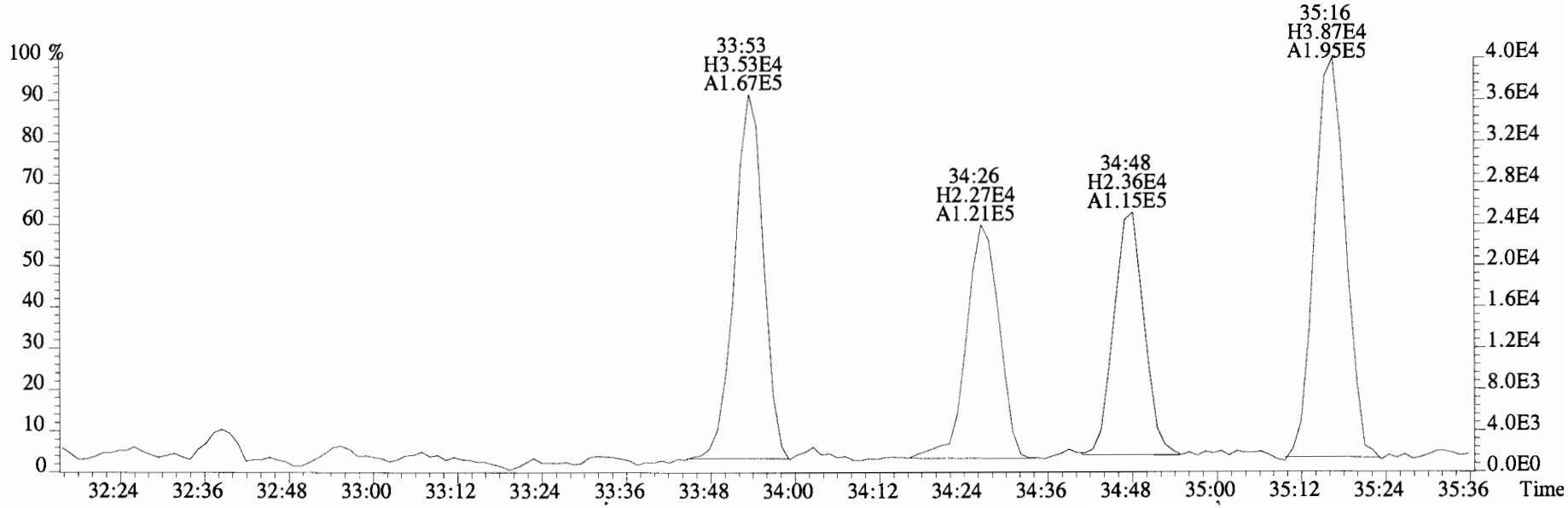
339.9177 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4548.0,0.00%,F,F)



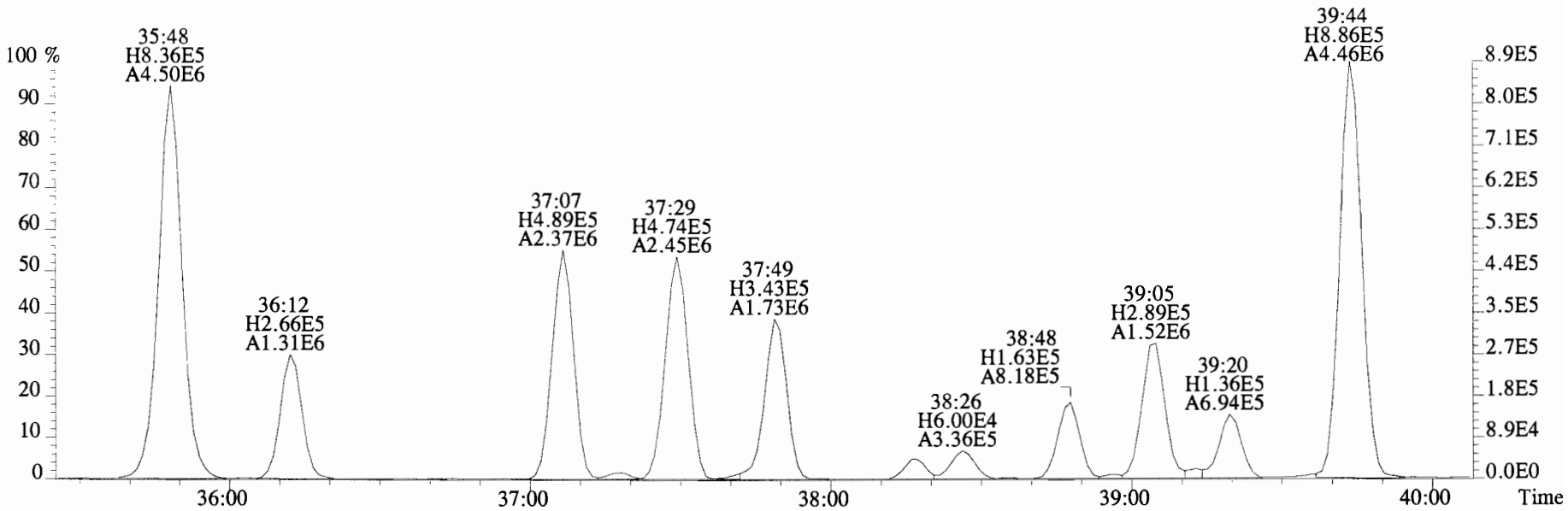
File:180315E1 #1-756 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
325.8804 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1856.0,0.00%,F,F)



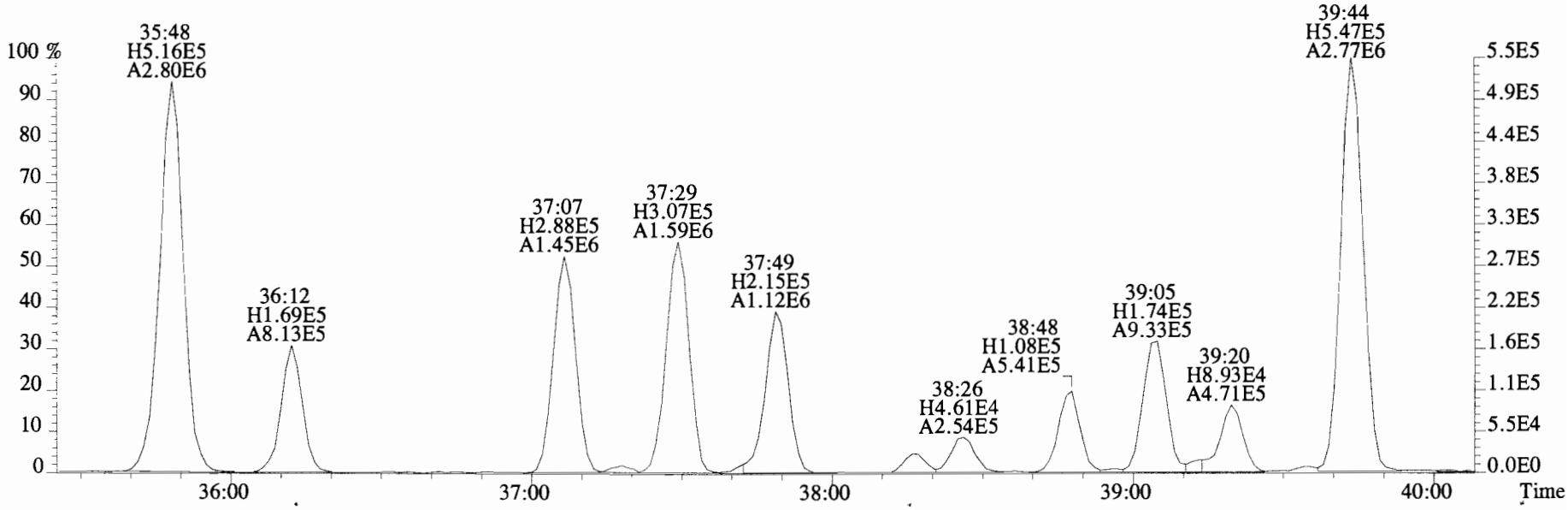
327.8775 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2072.0,0.00%,F,F)



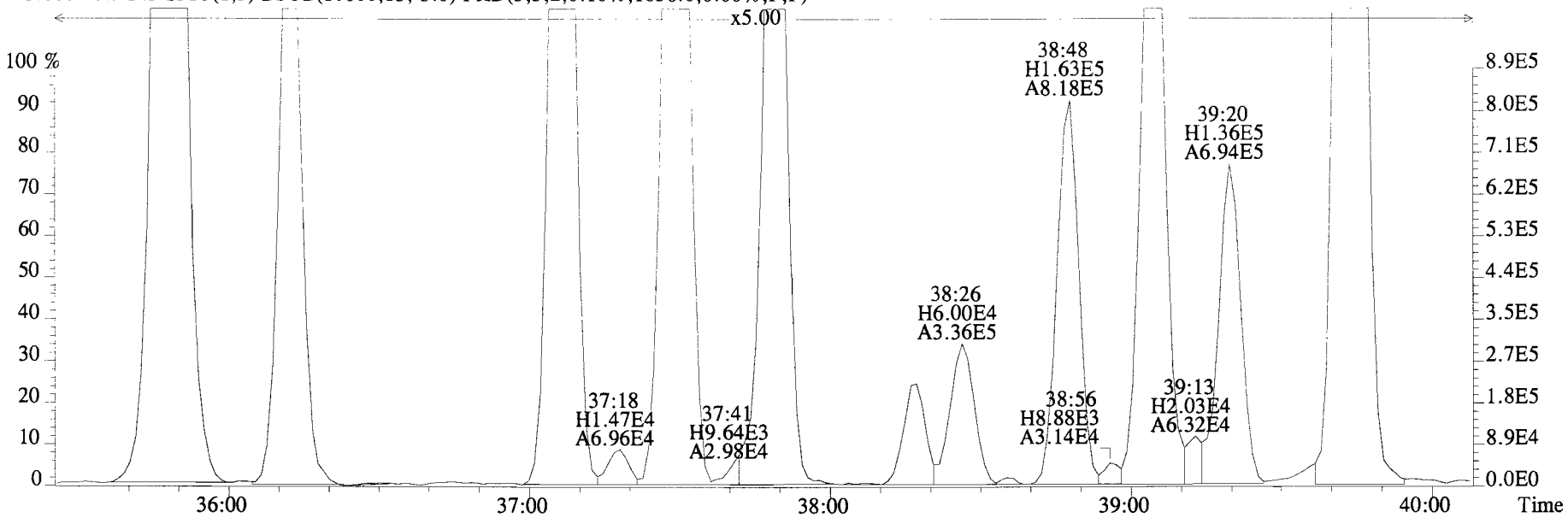
File:180315E1 #1-756 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
325.8804 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1856.0,0.00%,F,F)



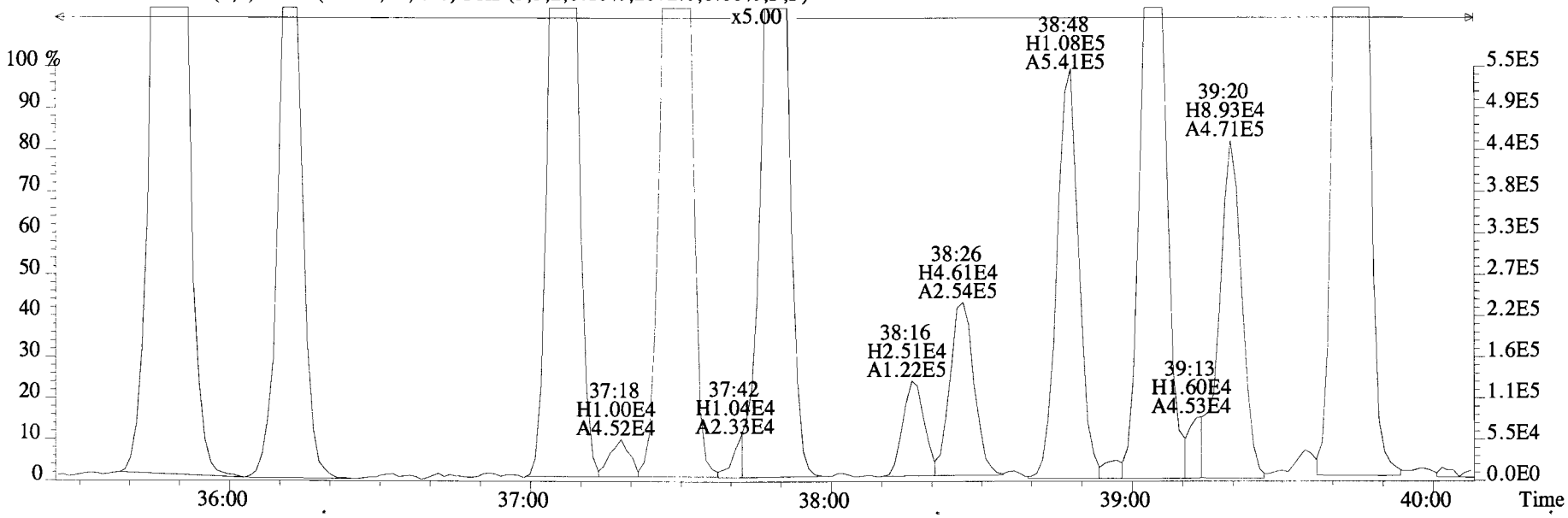
327.8775 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2072.0,0.00%,F,F)



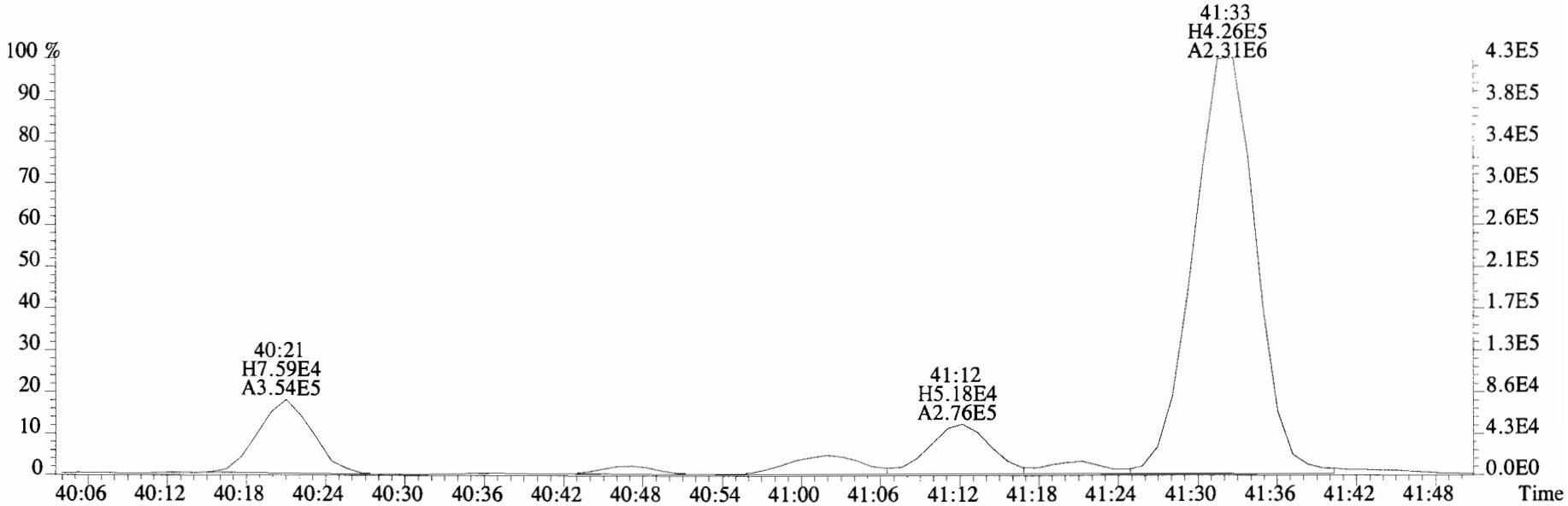
File:180315E1 #1-756 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
325.8804 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1856.0,0.00%,F,F)



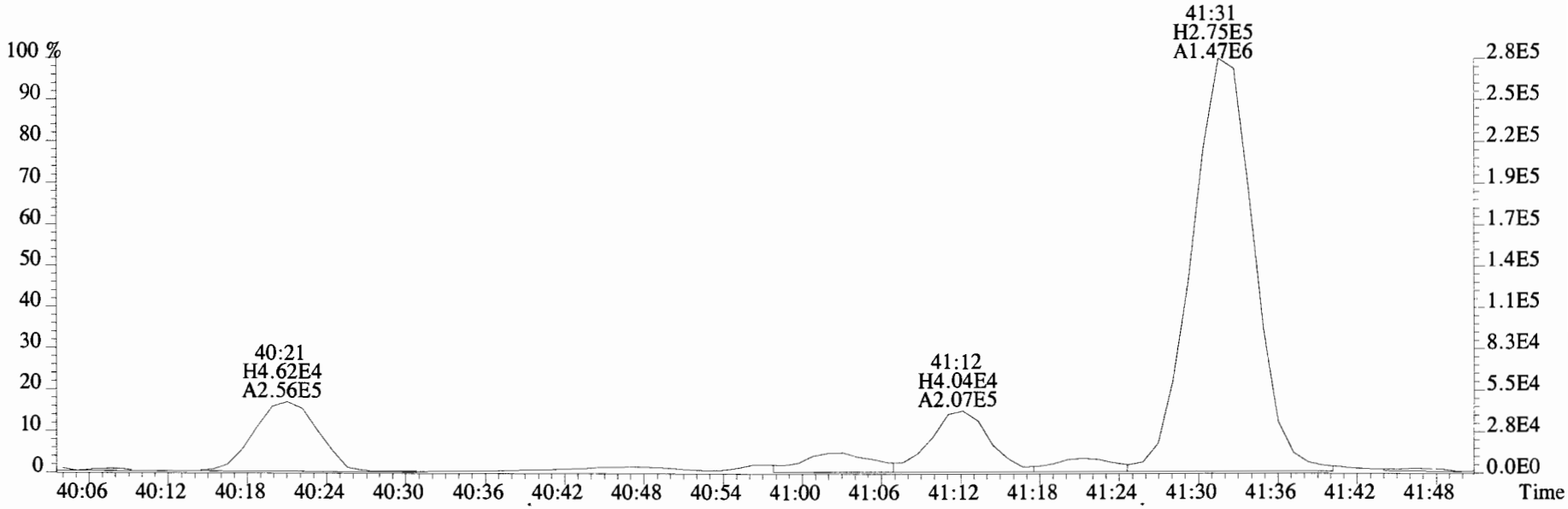
327.8775 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2072.0,0.00%,F,F)



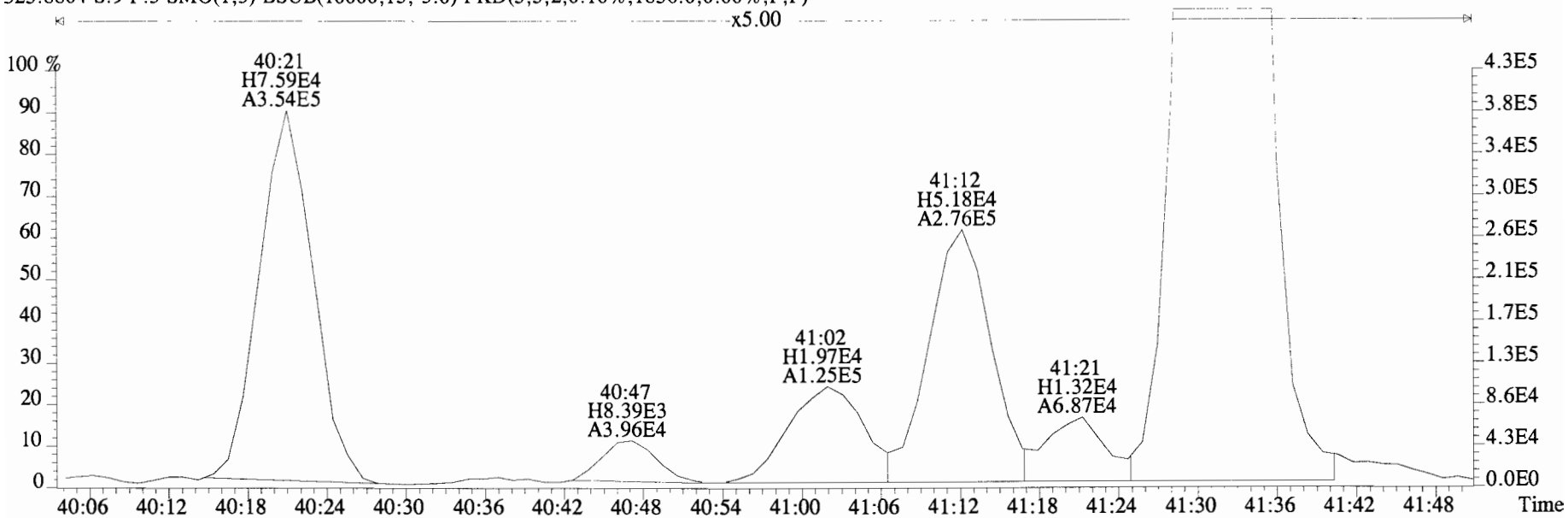
File:180315E1 #1-756 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
325.8804 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1856.0,0.00%,F,F)



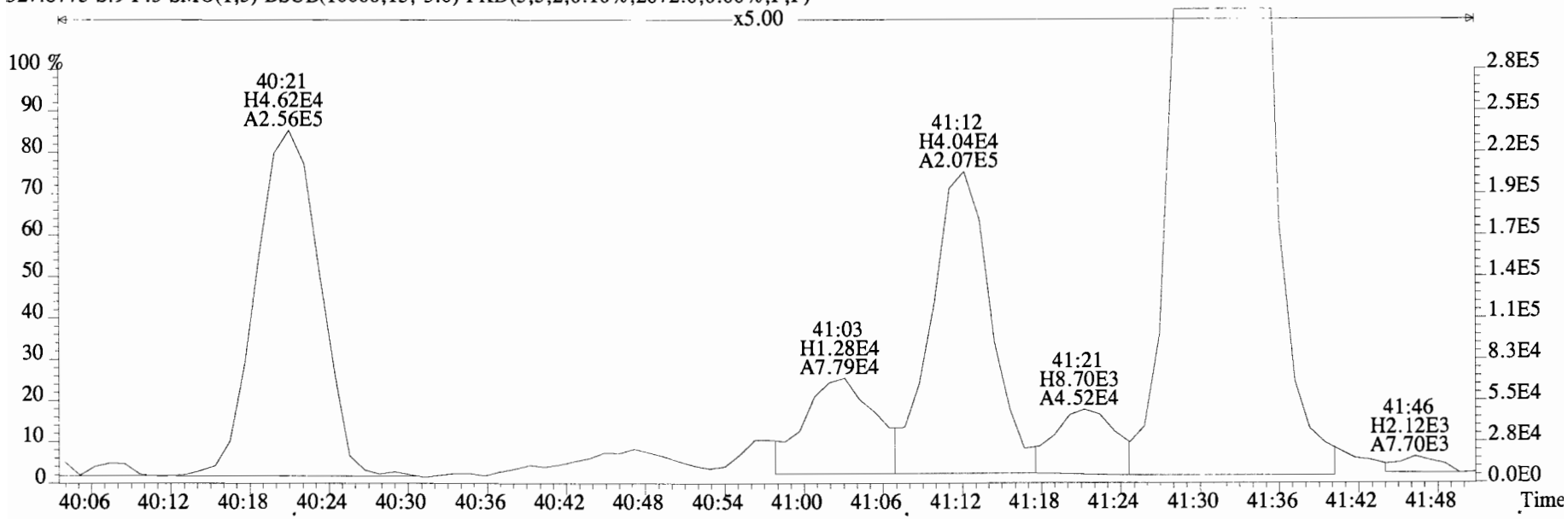
327.8775 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2072.0,0.00%,F,F)



File:180315E1 #1-756 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
325.8804 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1856.0,0.00%,F,F)

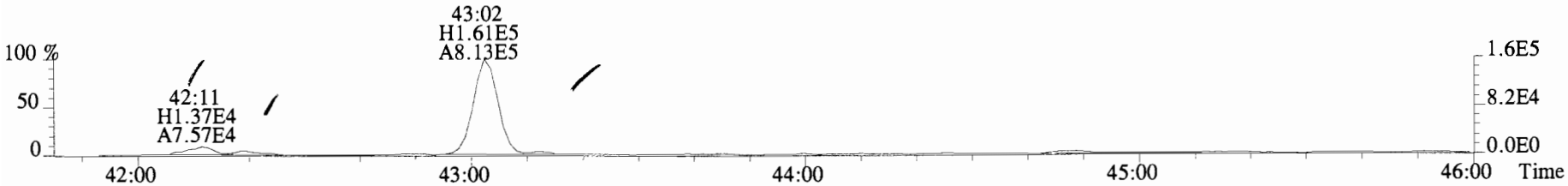


327.8775 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2072.0,0.00%,F,F)

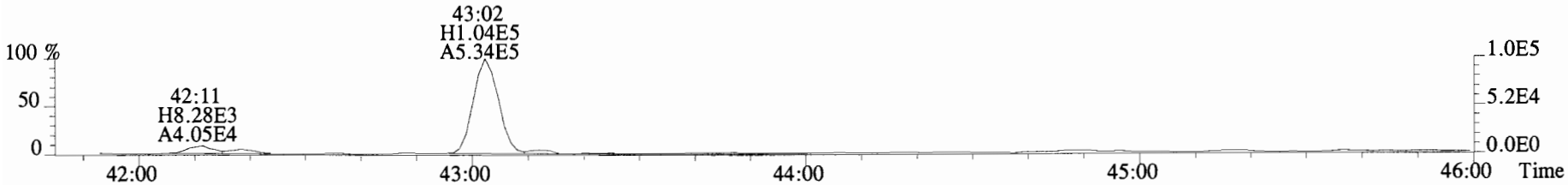


File:180315E1 #1-574 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1

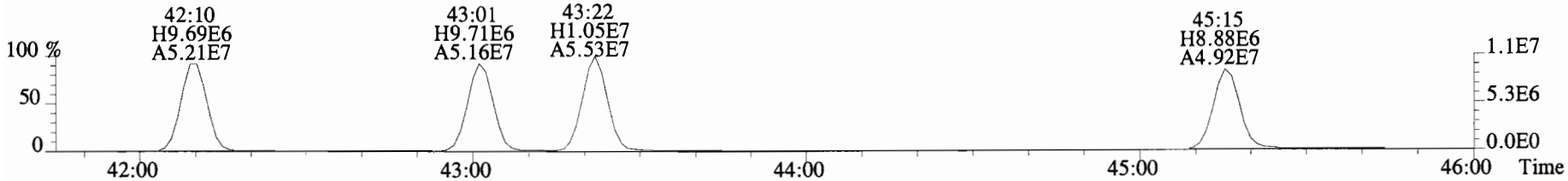
325.8804 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2180.0,0.00%,F,F)



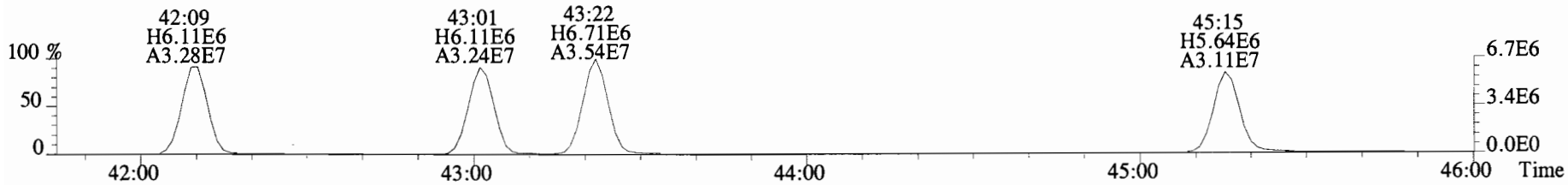
327.8775 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1880.0,0.00%,F,F)



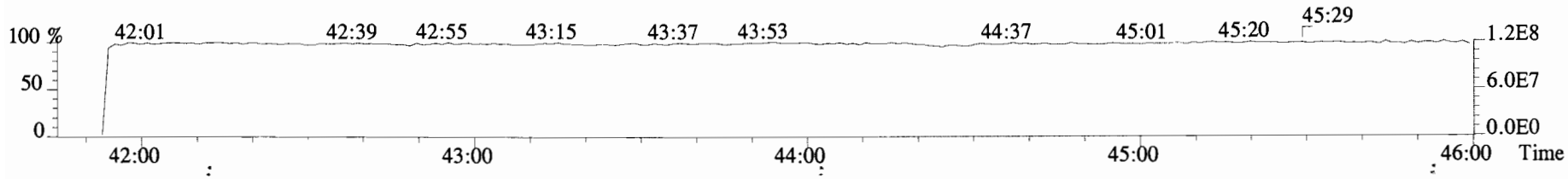
337.9207 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7944.0,0.00%,F,F)



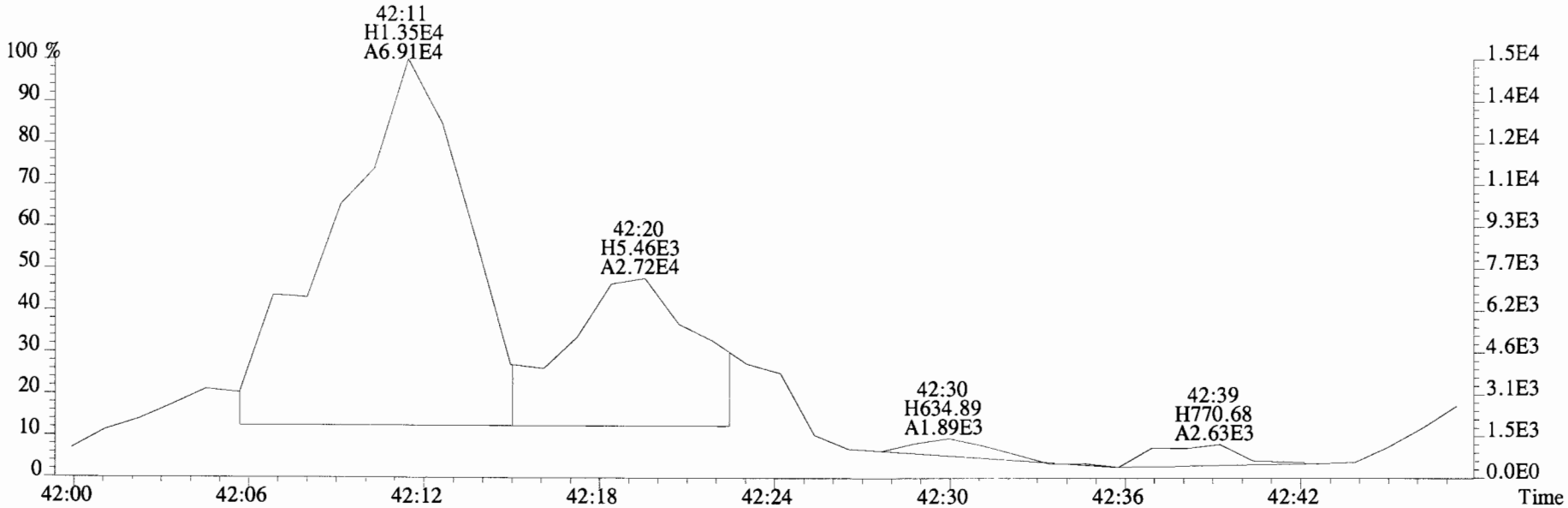
339.9177 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7340.0,0.00%,F,F)



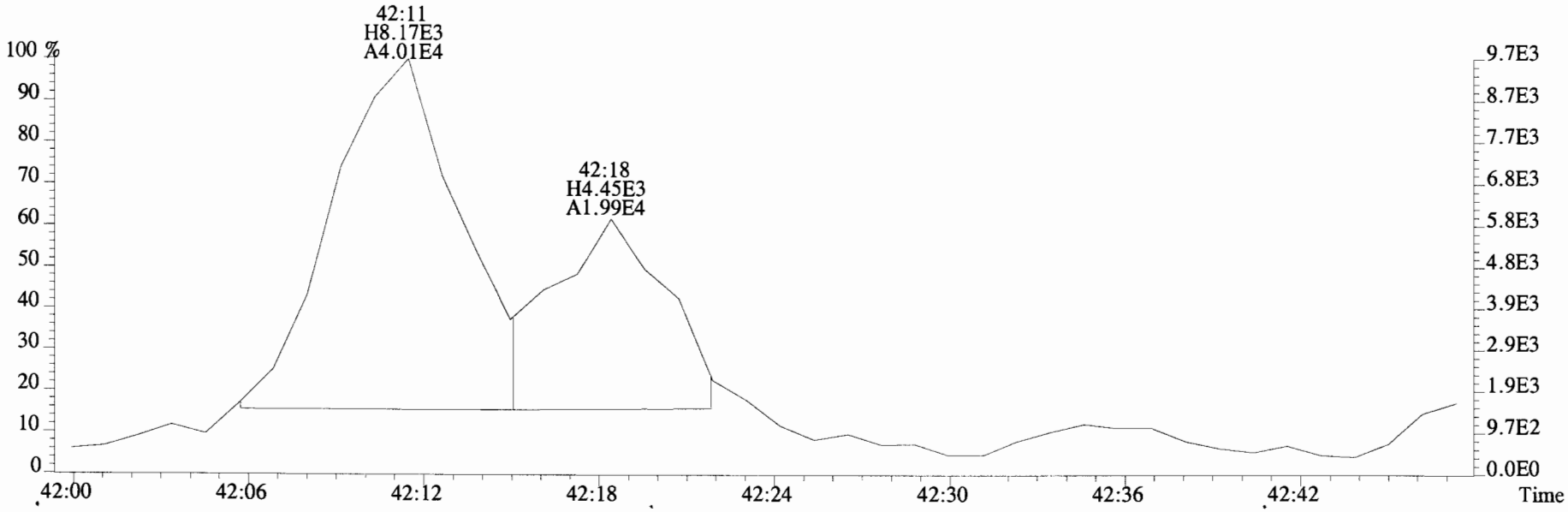
380.9760 S:9 F:4



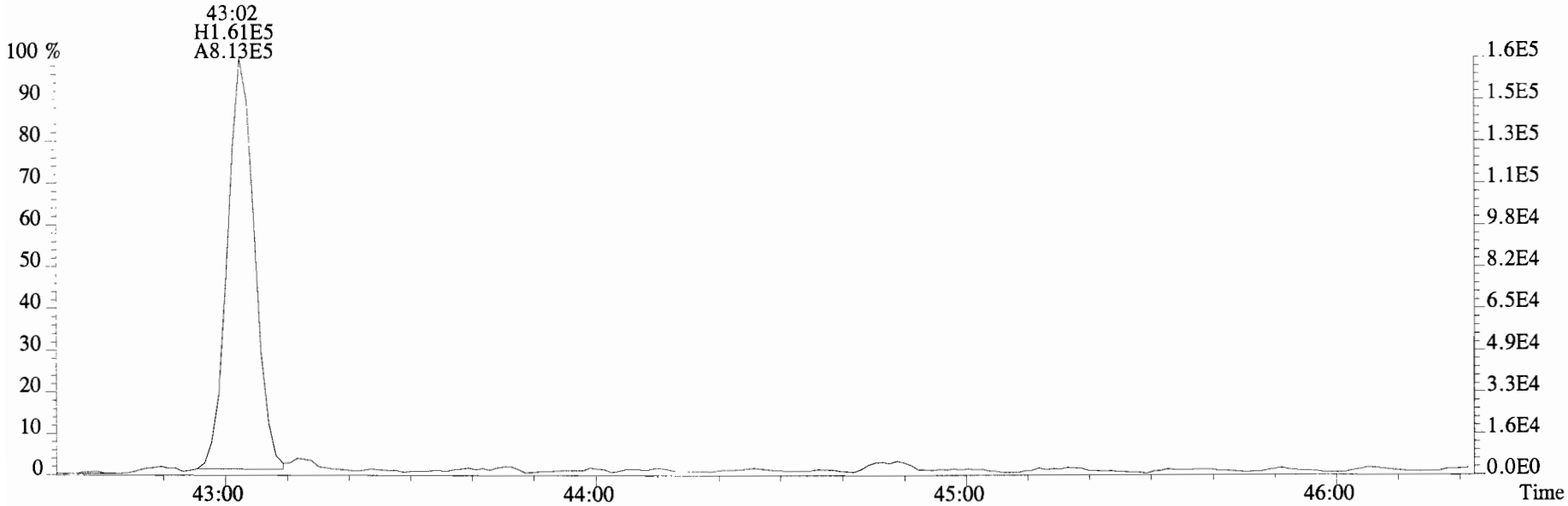
File:180315E1 #1-574 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
325.8804 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0)



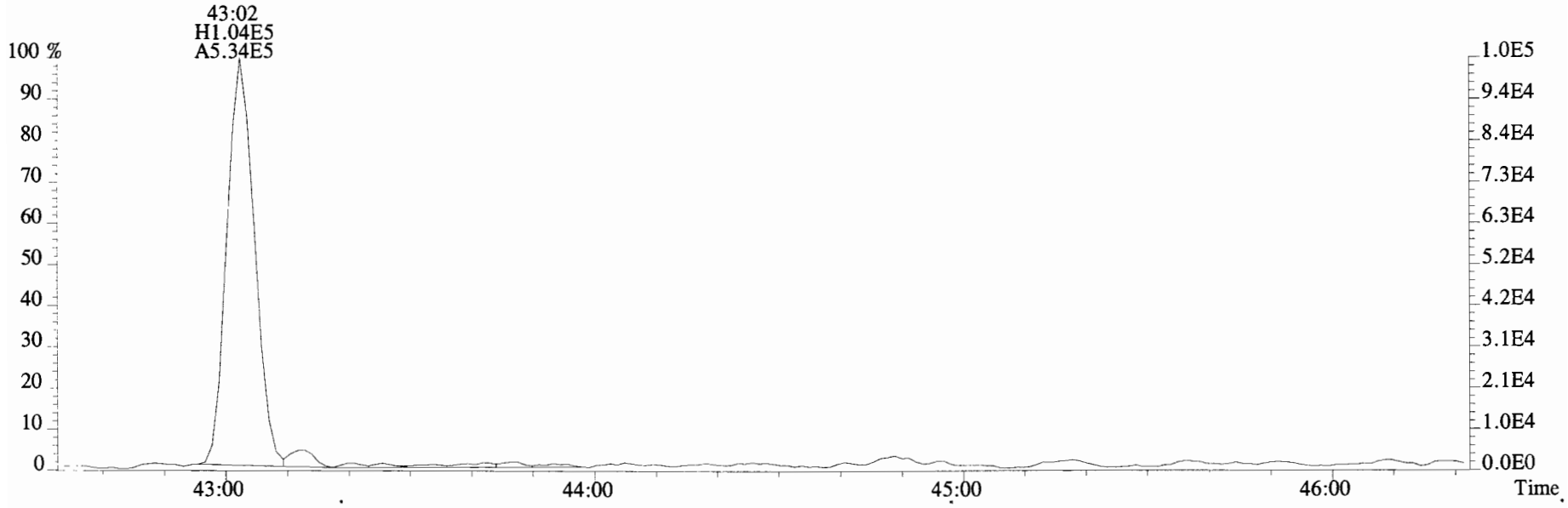
327.8775 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0)



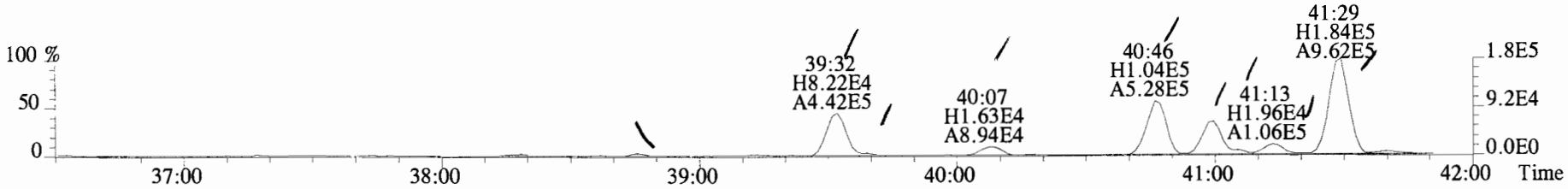
File:180315E1 #1-574 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
325.8804 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0)



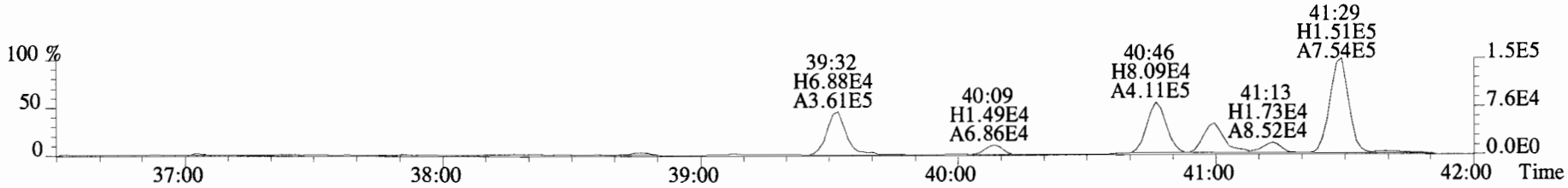
327.8775 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0)



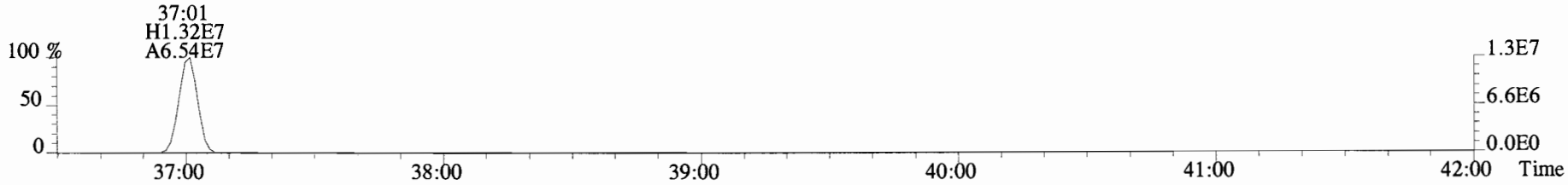
File:180315E1 #1-756 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
359.8415 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1956.0,0.00%,F,F)



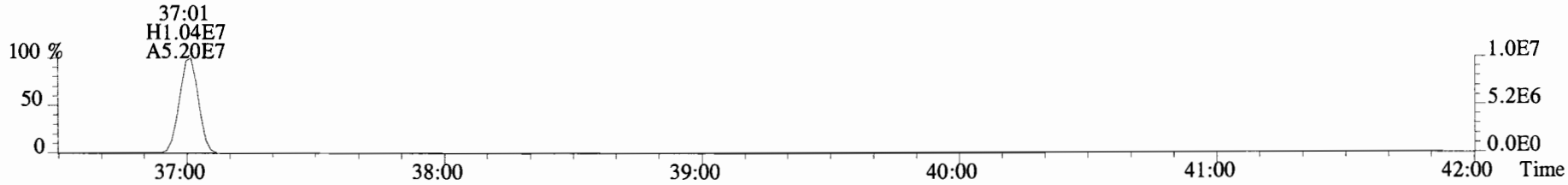
361.8385 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1844.0,0.00%,F,F)



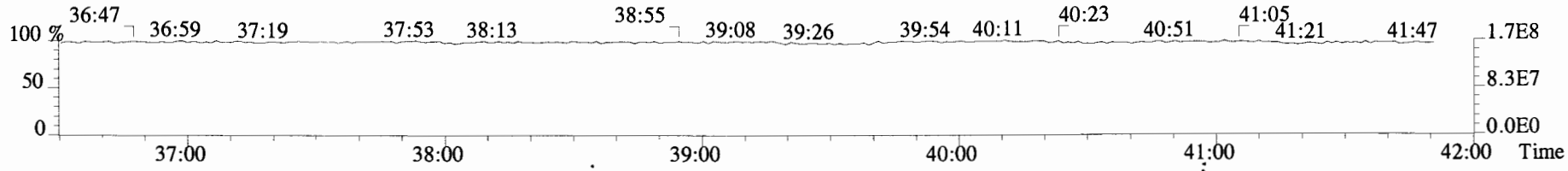
371.8817 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2388.0,0.00%,F,F)



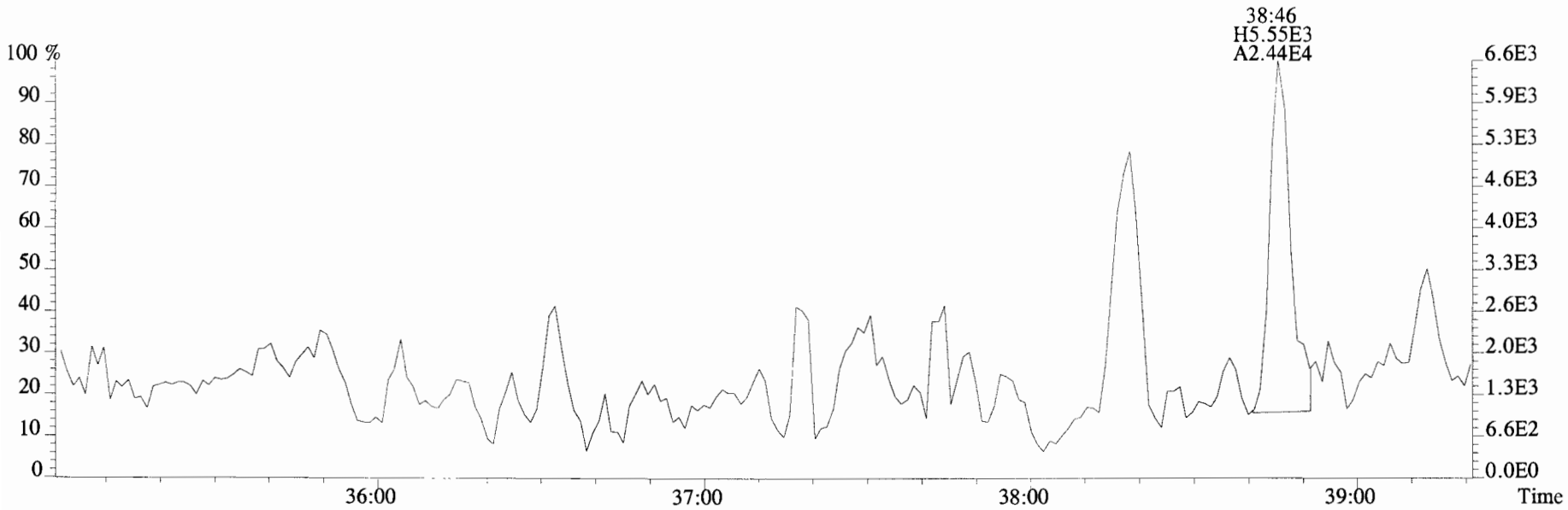
373.8788 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2772.0,0.00%,F,F)



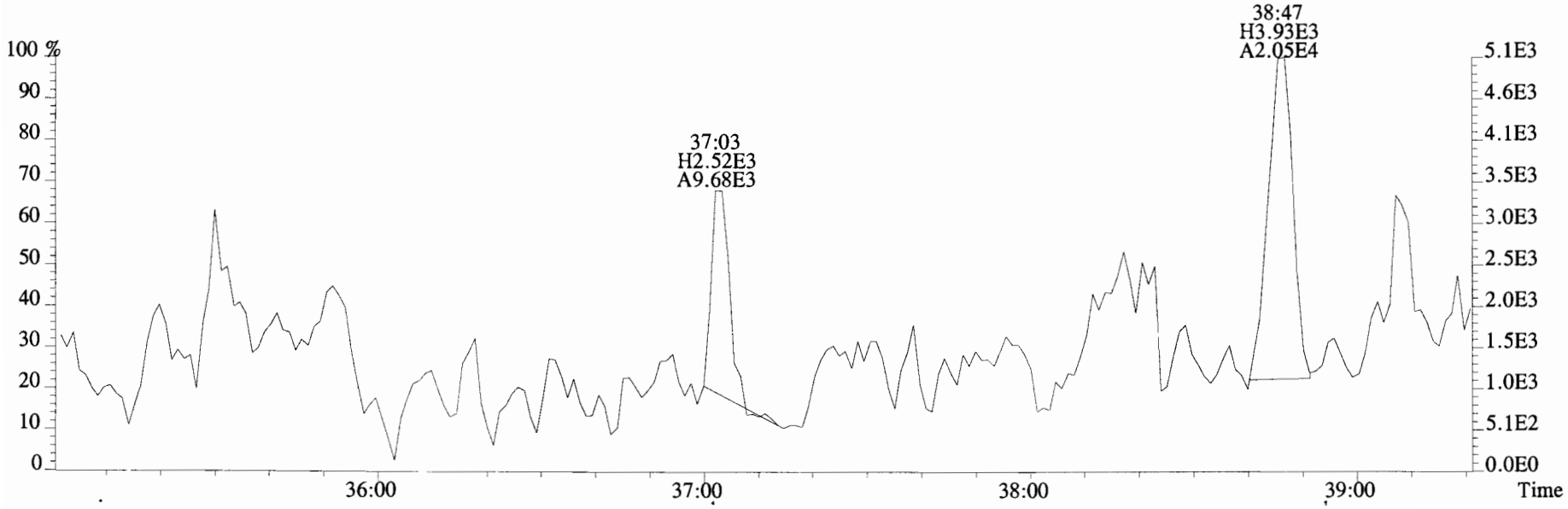
330.9792 S:9 F:3



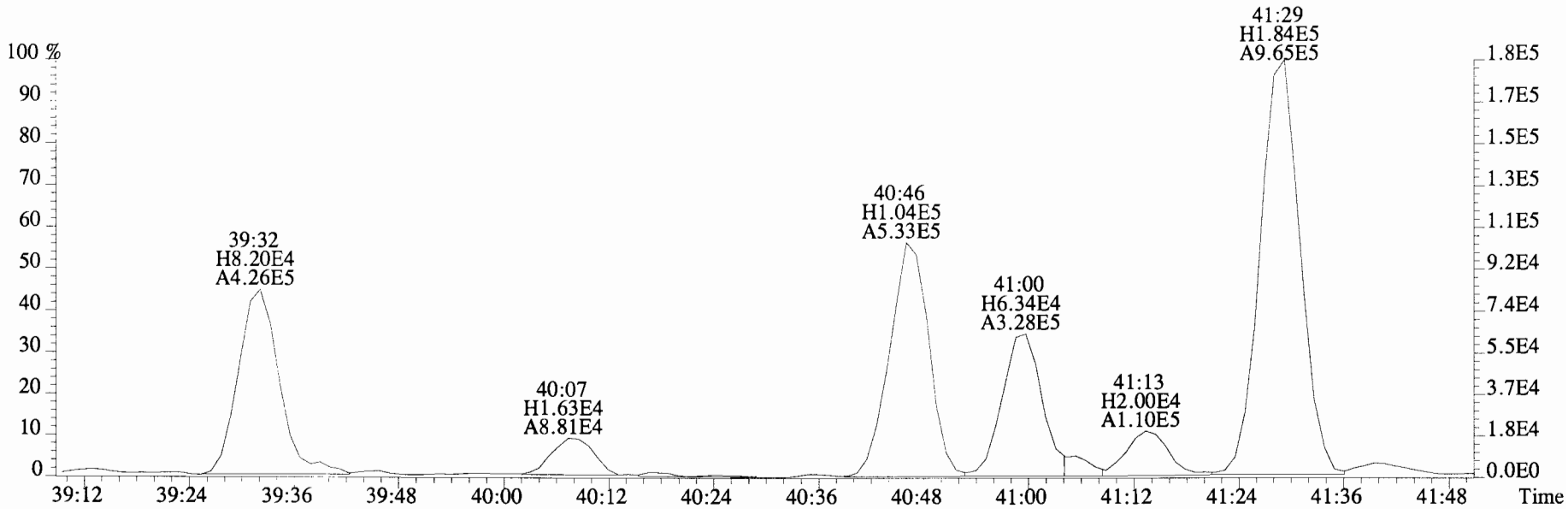
File:180315E1 #1-756 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
359.8415 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1956.0,0.00%,F,F)



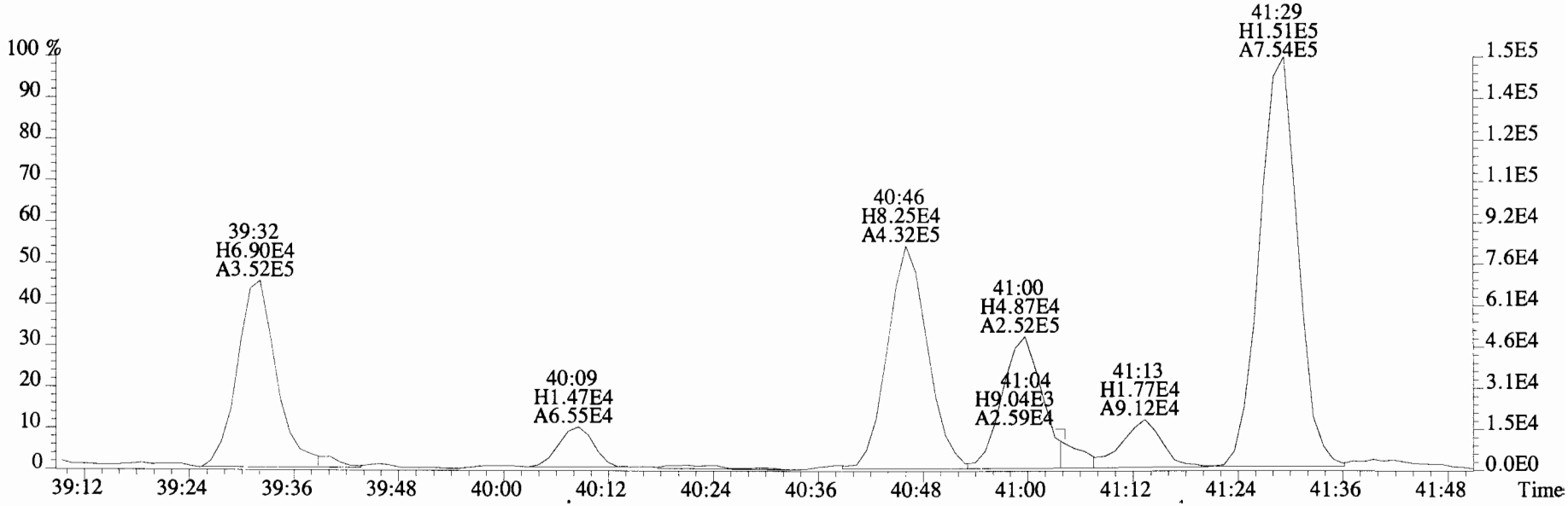
361.8385 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1844.0,0.00%,F,F)



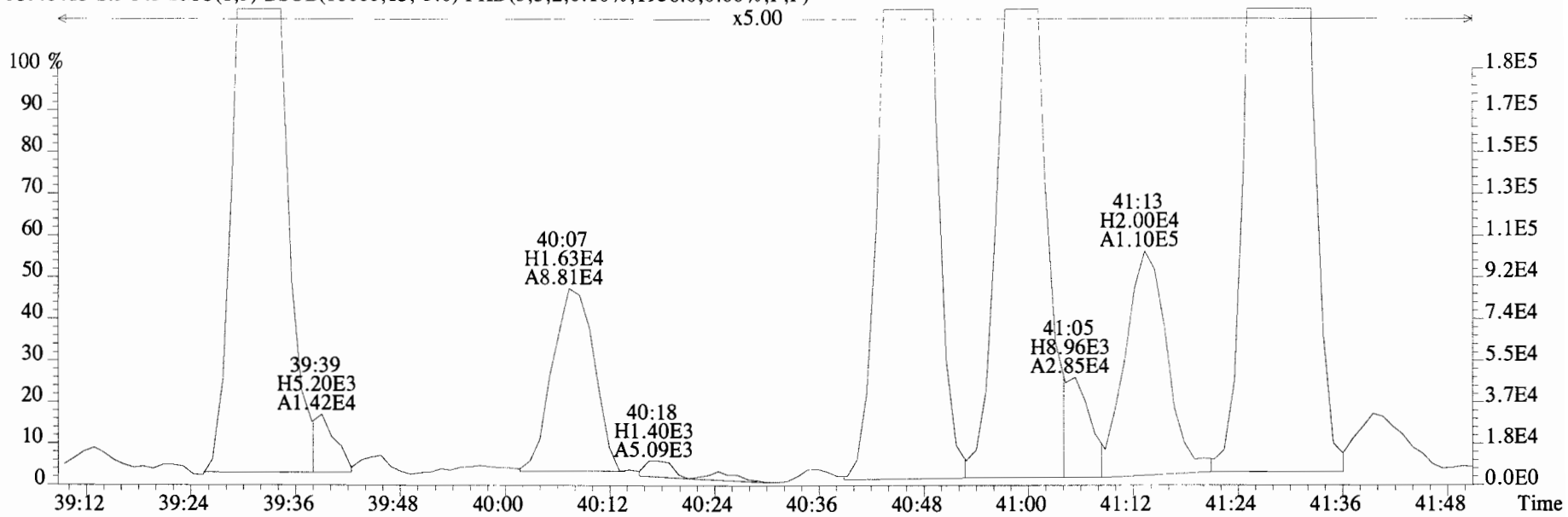
File:180315E1 #1-756 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
359.8415 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1956.0,0.00%,F,F)



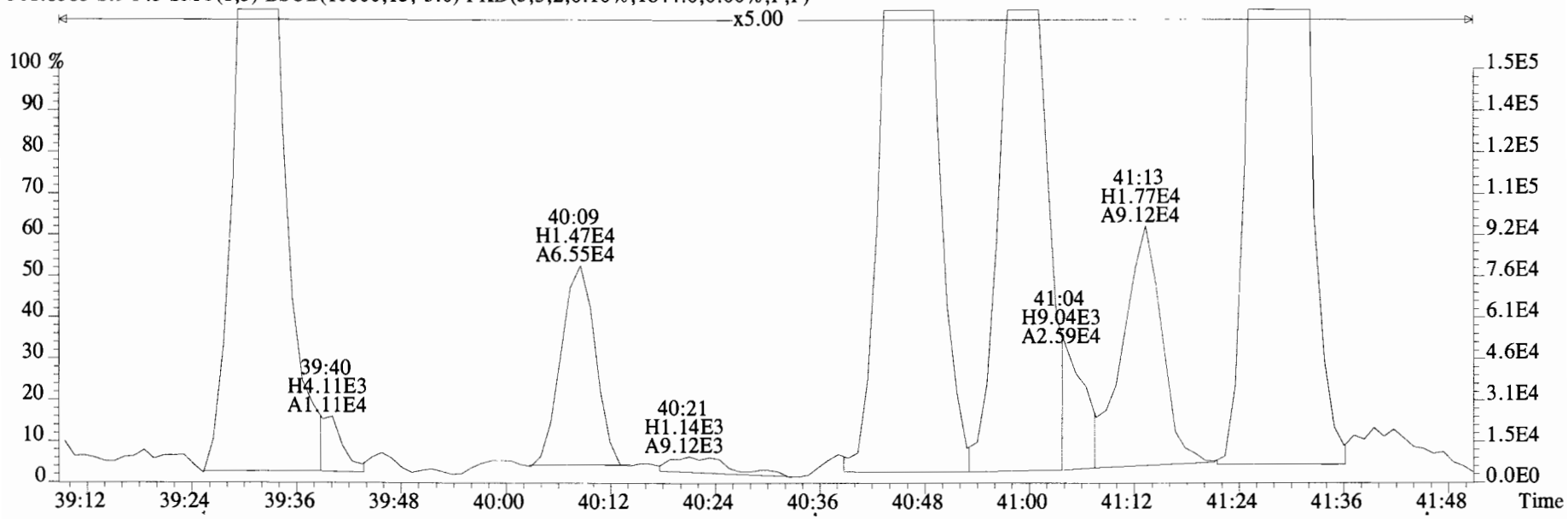
361.8385 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1844.0,0.00%,F,F)



File:180315E1 #1-756 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
359.8415 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1956.0,0.00%,F,F)



361.8385 S:9 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1844.0,0.00%,F,F)



File:180315E1 #1-574 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1

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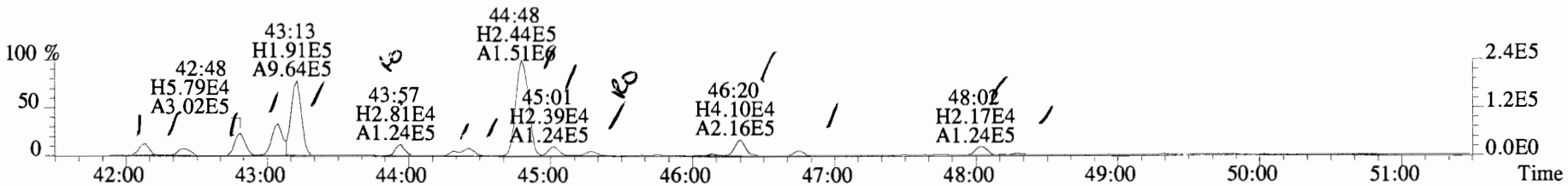
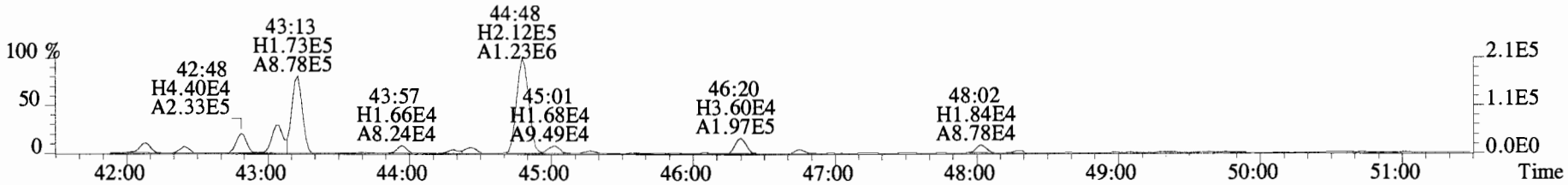
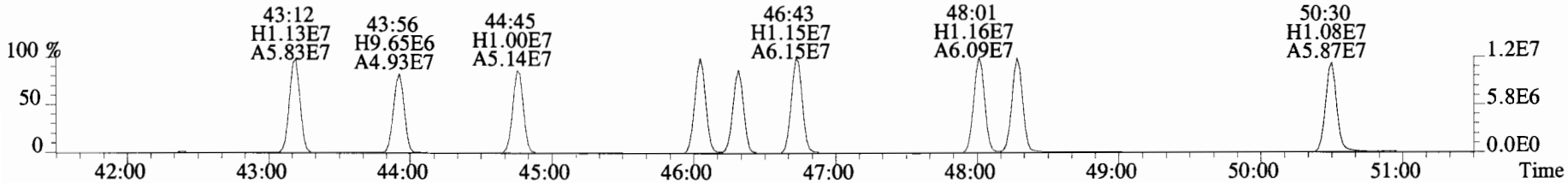


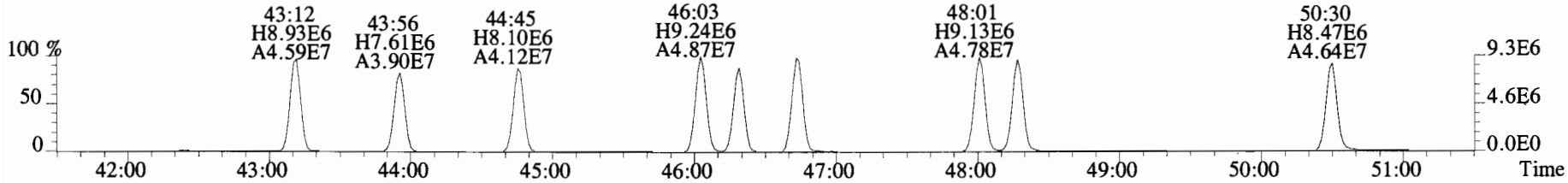
361.8385 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2120.0,0.00%,F,F)



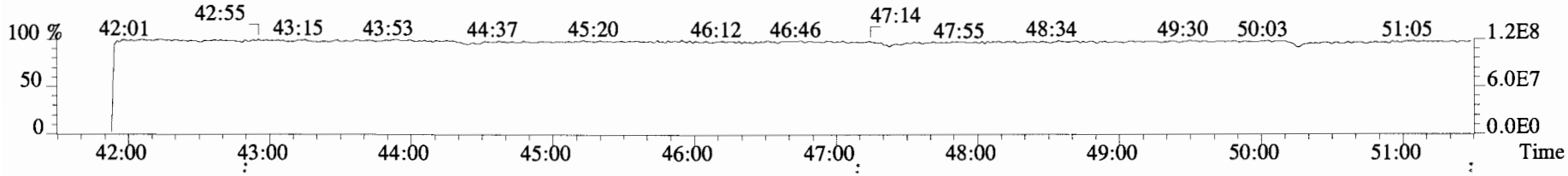
371.8817 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15968.0,0.00%,F,F)



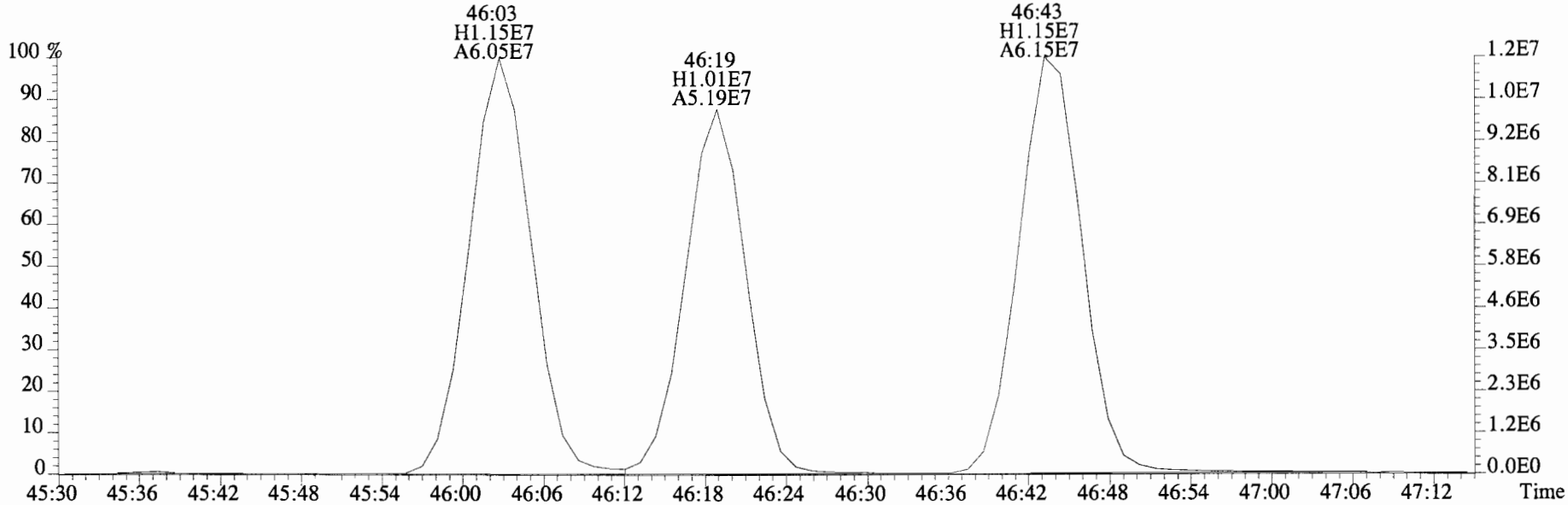
373.8788 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14256.0,0.00%,F,F)



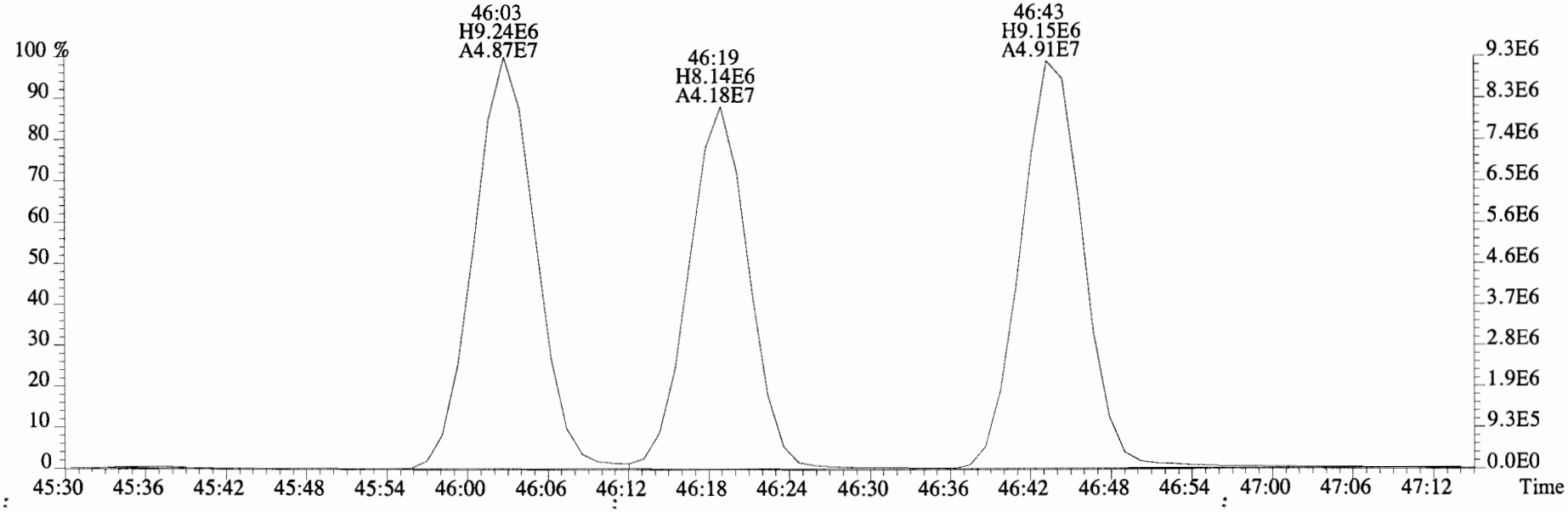
380.9760 S:9 F:4



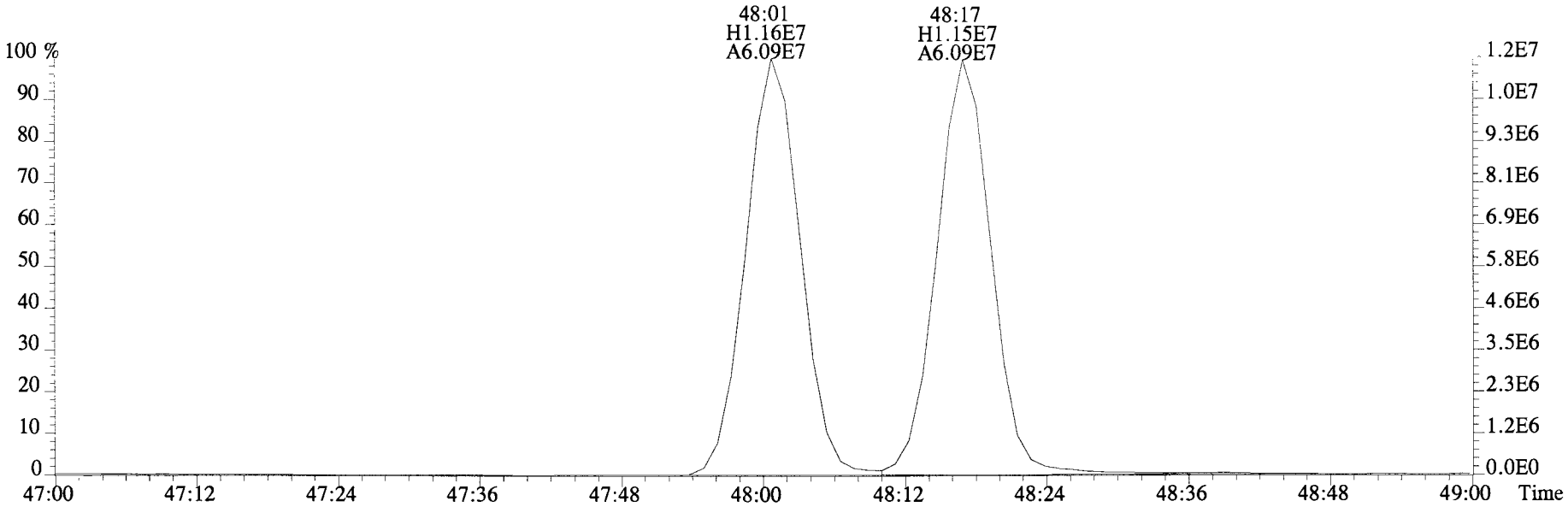
File:180315E1 #1-574 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
371.8817 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15968.0,0.00%,F,F)



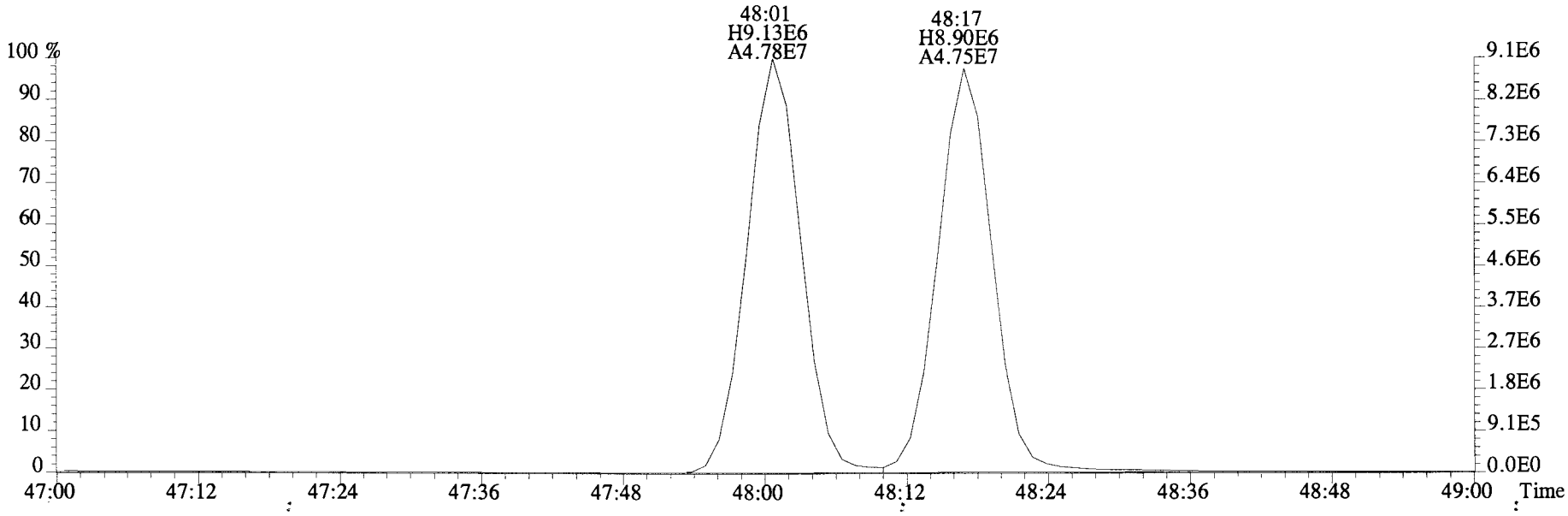
373.8788 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14256.0,0.00%,F,F)



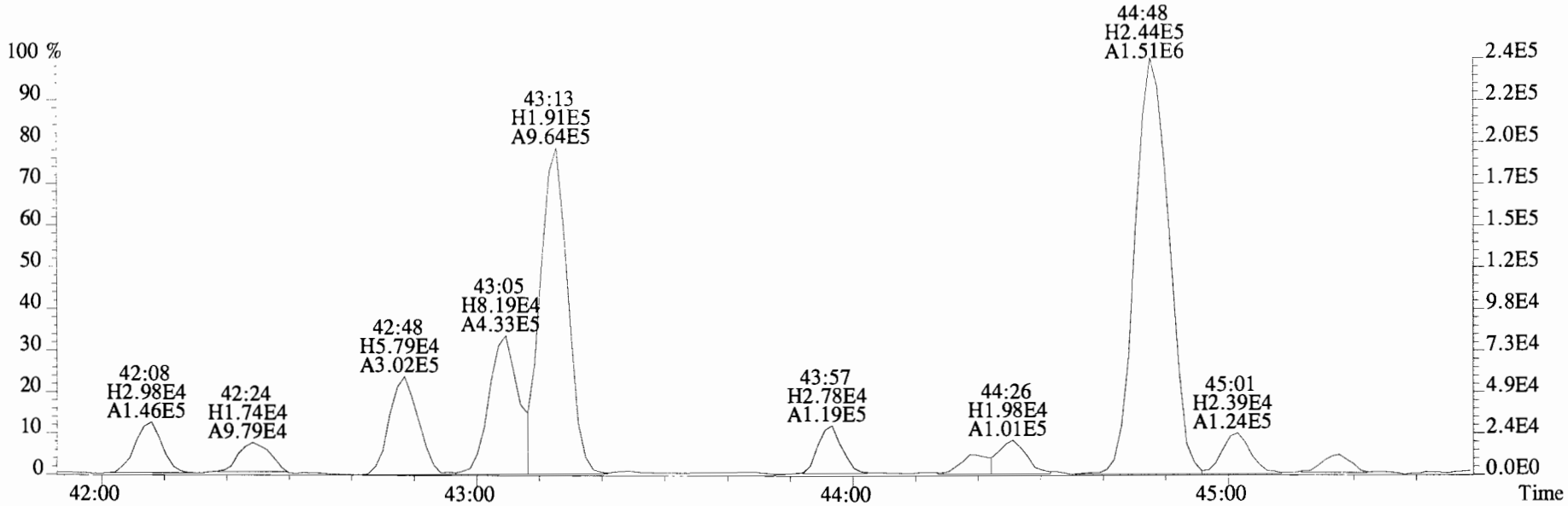
File:180315E1 #1-574 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
371.8817 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15968.0,0.00%,F,F)



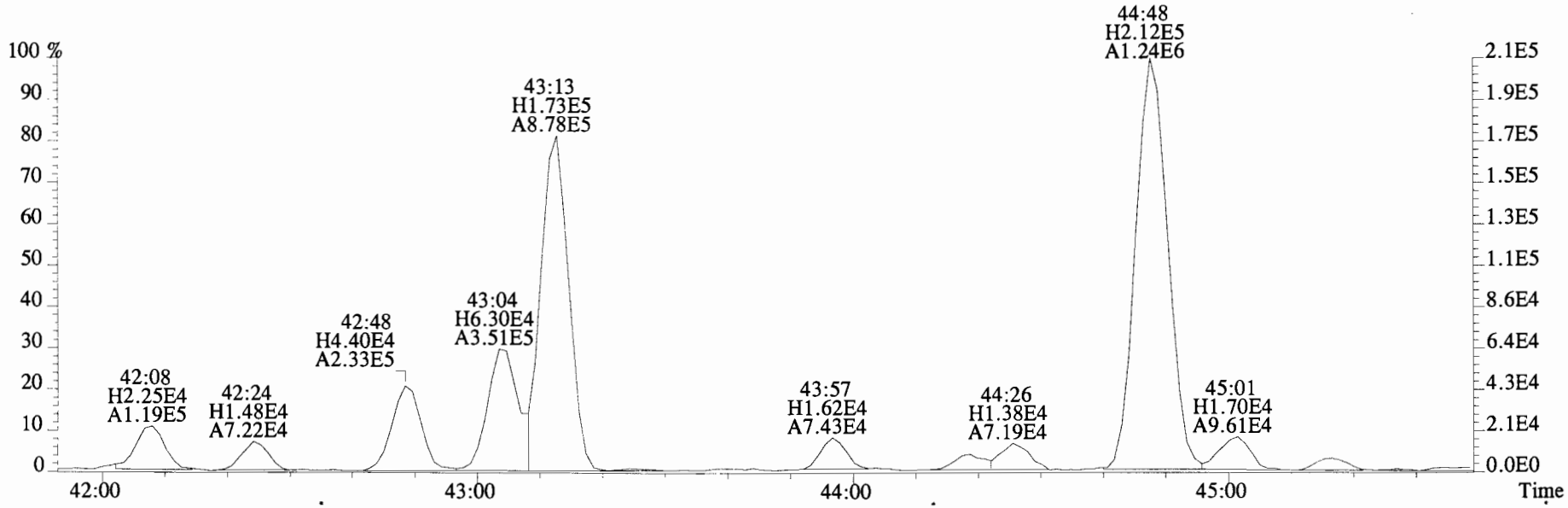
373.8788 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14256.0,0.00%,F,F)



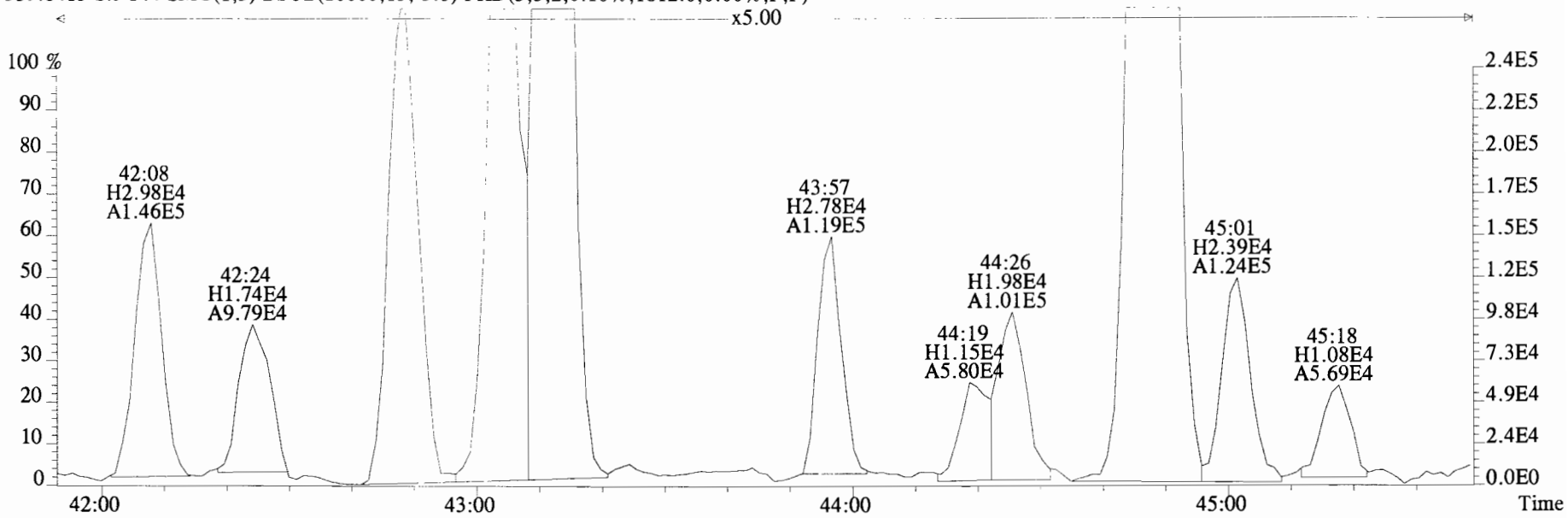
File:180315E1 #1-574 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
359.8415 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1812.0,0.00%,F,F)



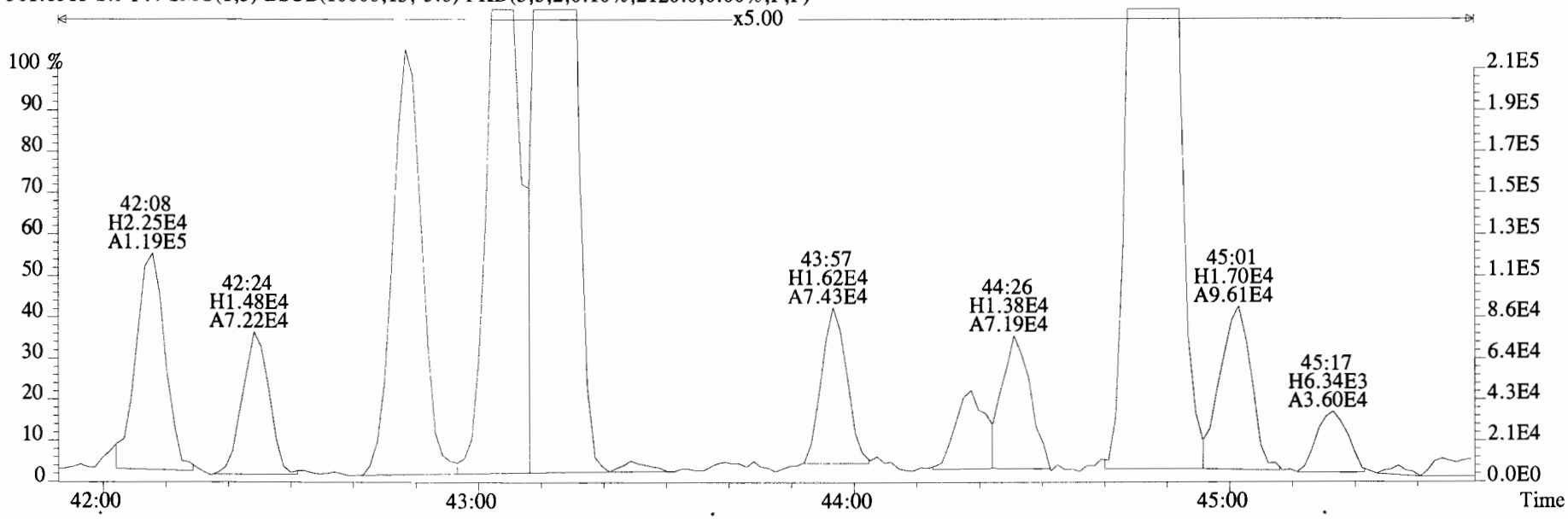
361.8385 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2120.0,0.00%,F,F)



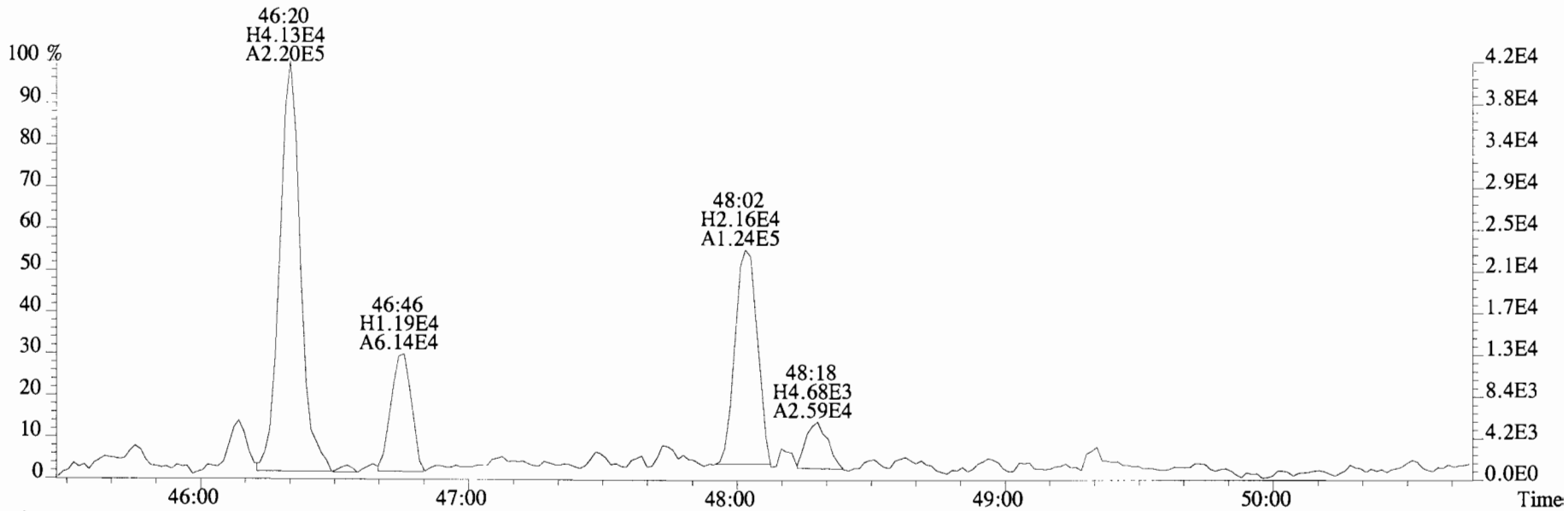
File:180315E1 #1-574 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
359.8415 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1812.0,0.00%,F,F)



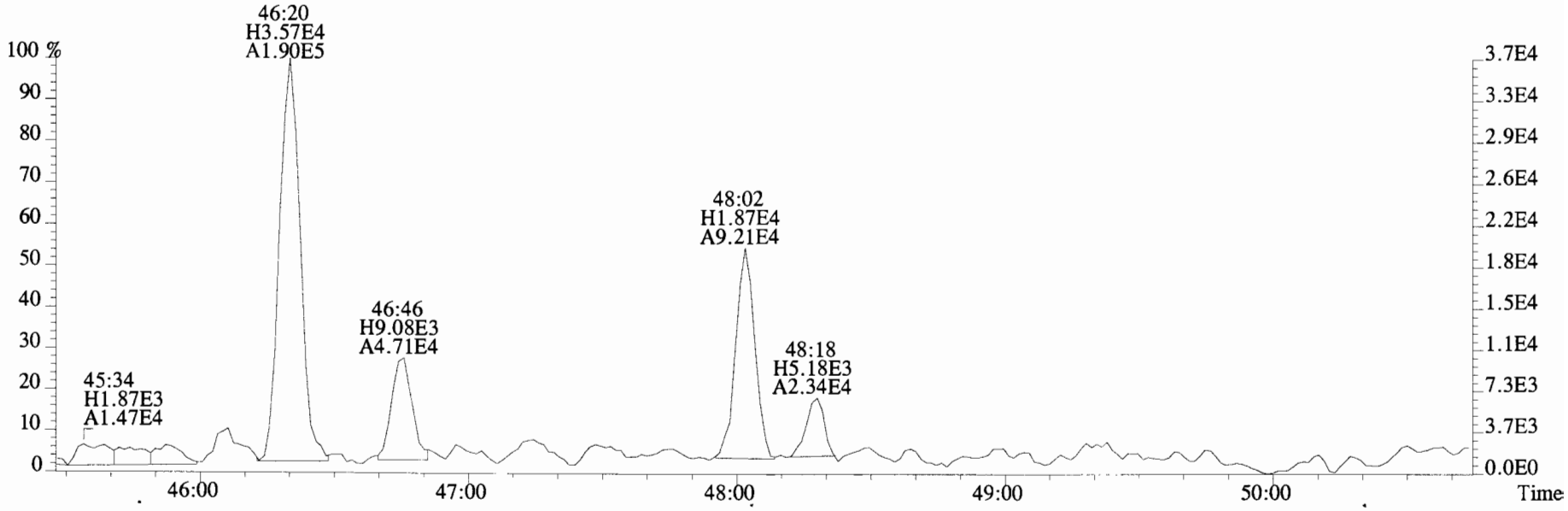
361.8385 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2120.0,0.00%,F,F)



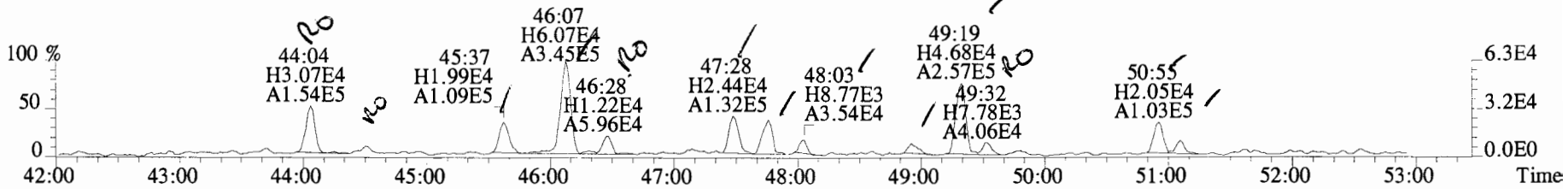
File:180315E1 #1-574 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
359.8415 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1812.0,0.00%,F,F)



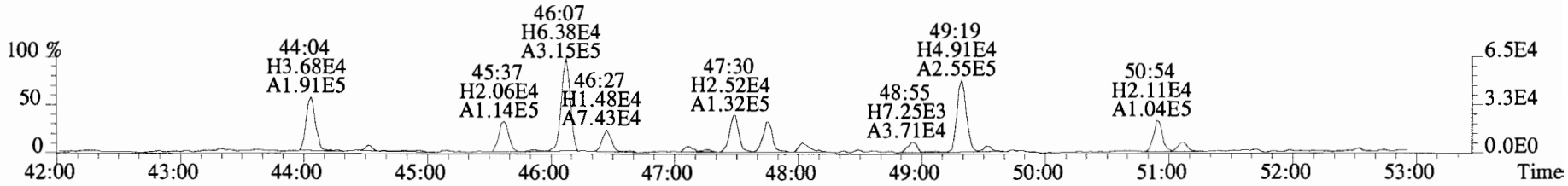
361.8385 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2120.0,0.00%,F,F)



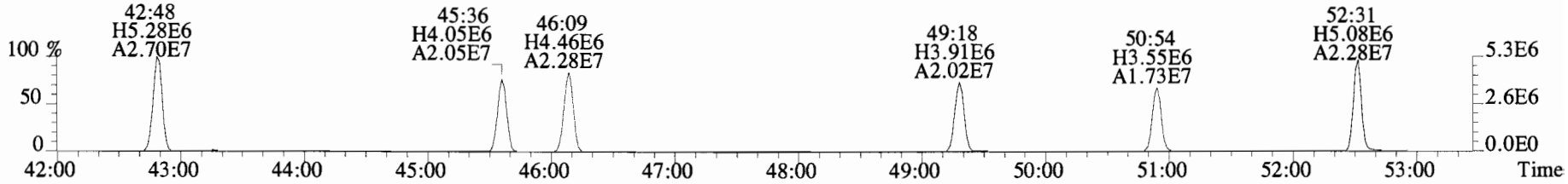
File:180315E1 #1-574 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
393.8025 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3360.0,0.00%,F,F)



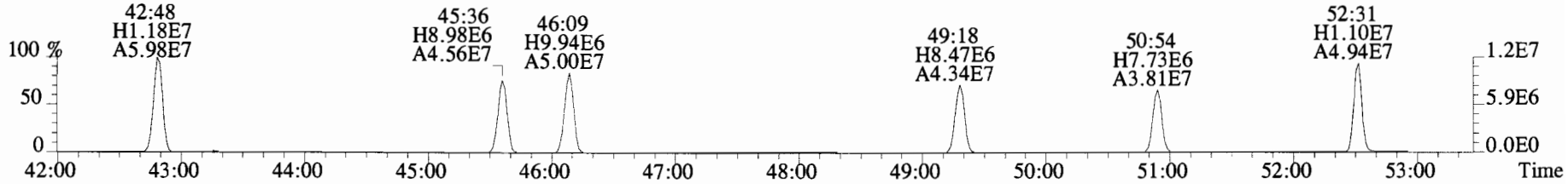
395.7995 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1784.0,0.00%,F,F)



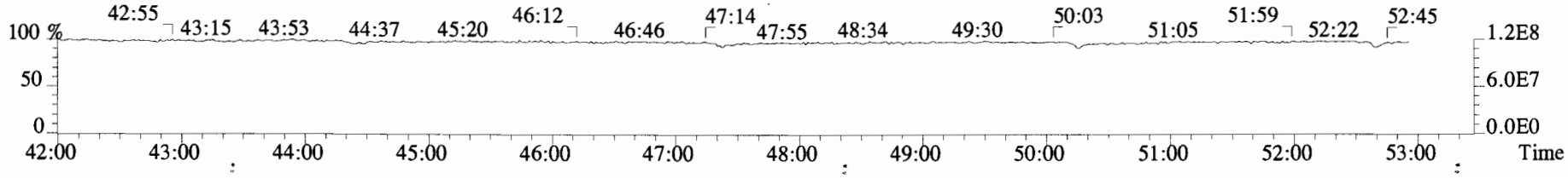
403.8457 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3488.0,0.00%,F,F)



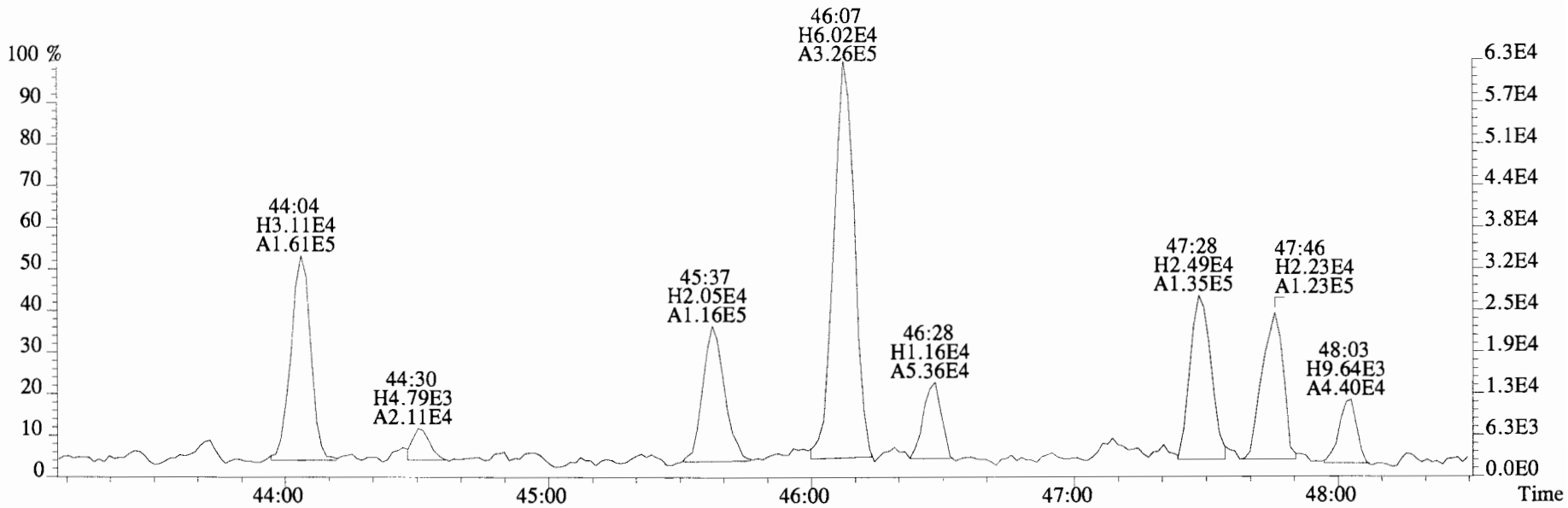
405.8428 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9792.0,0.00%,F,F)



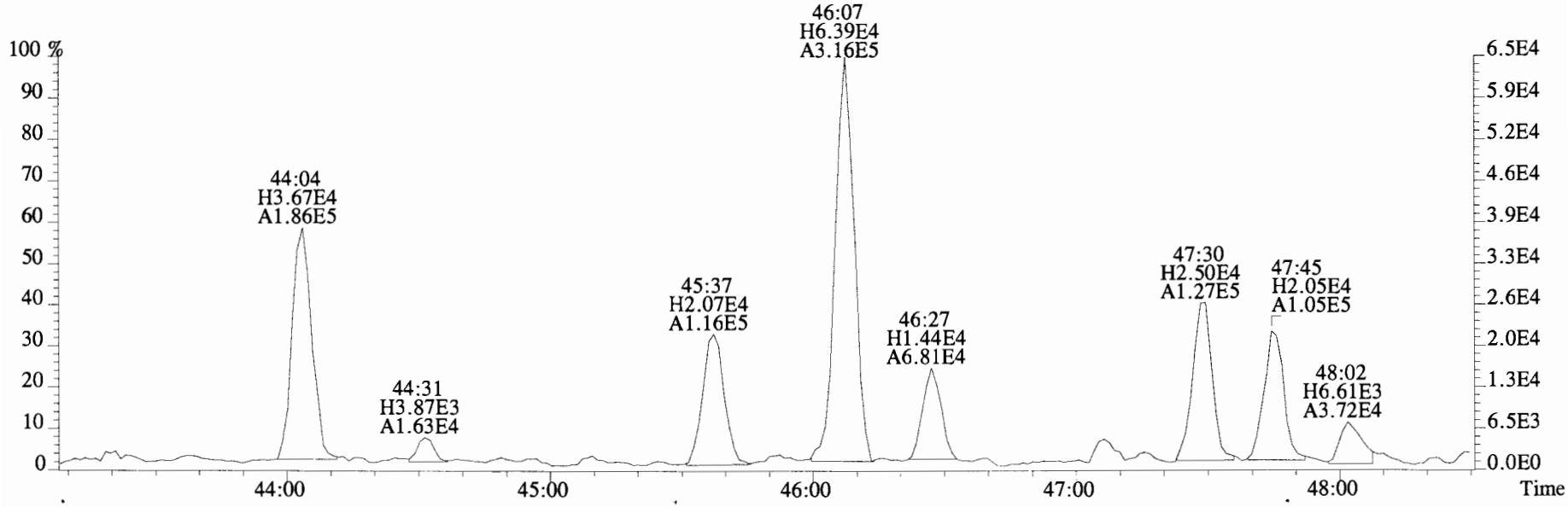
380.9760 S:9 F:4



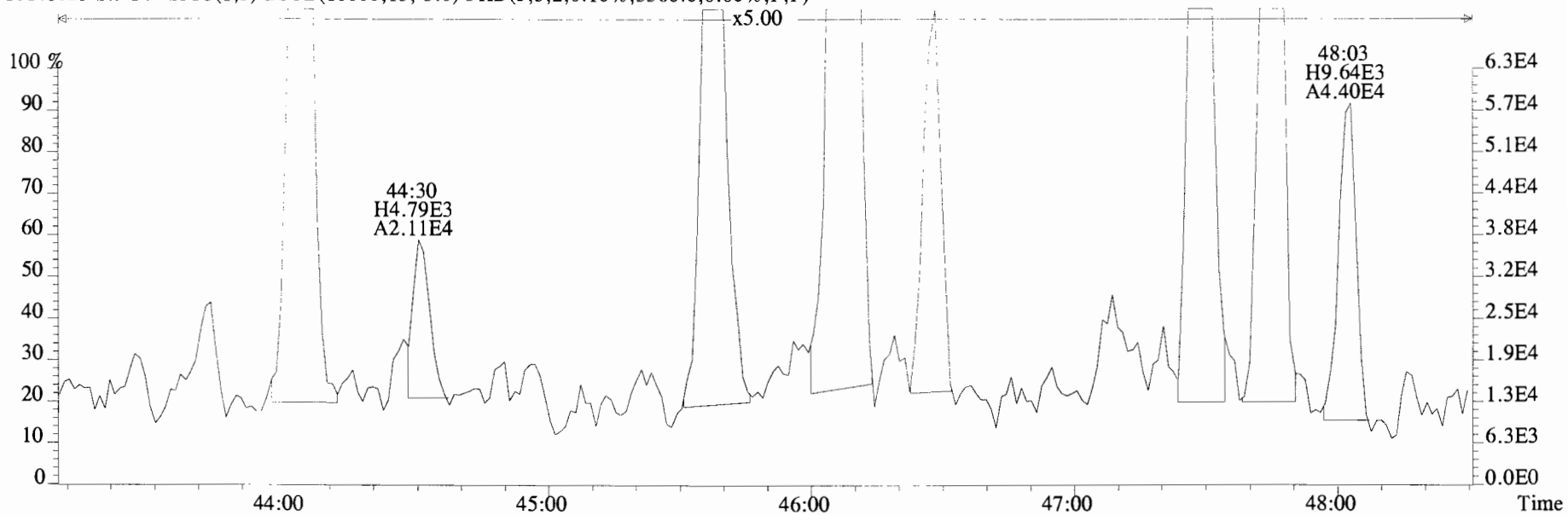
File:180315E1 #1-574 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
393.8025 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3360.0,0.00%,F,F)



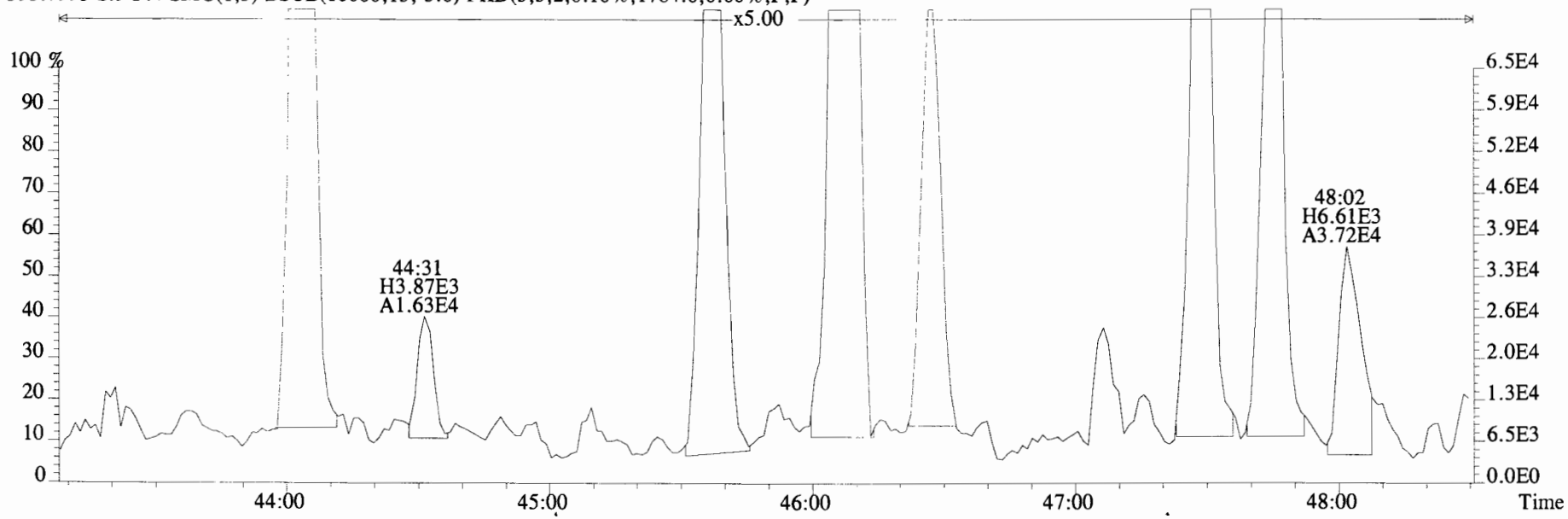
395.7995 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1784.0,0.00%,F,F)



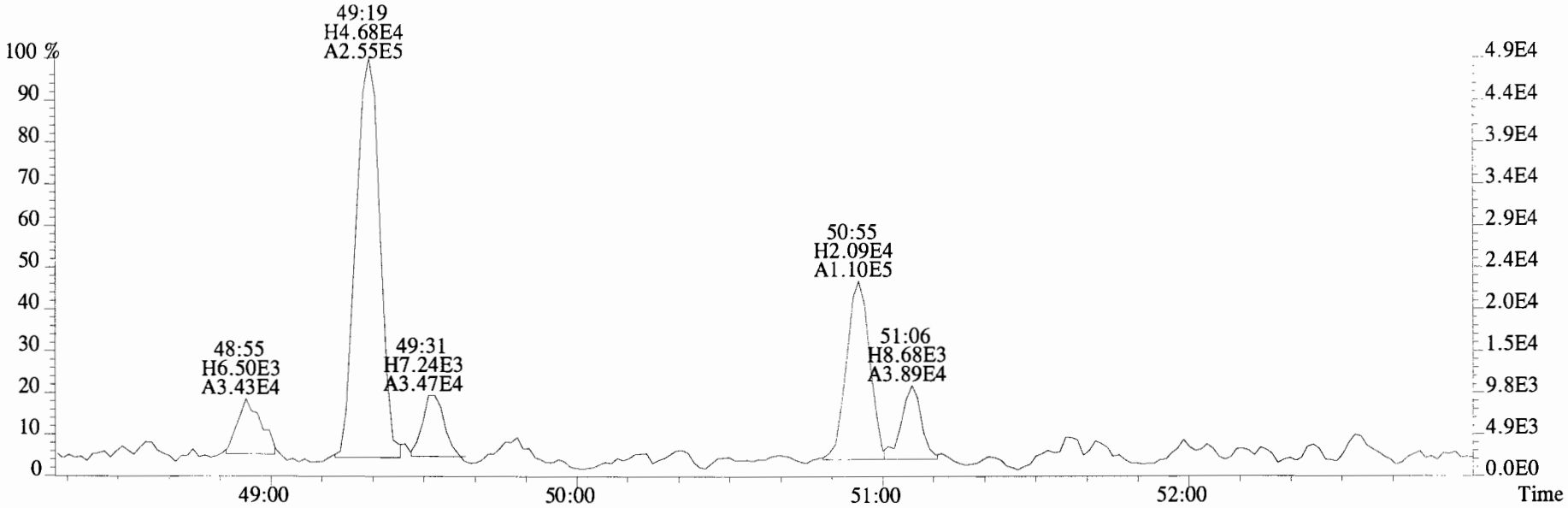
File:180315E1 #1-574 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
393.8025 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3360.0,0.00%,F,F)



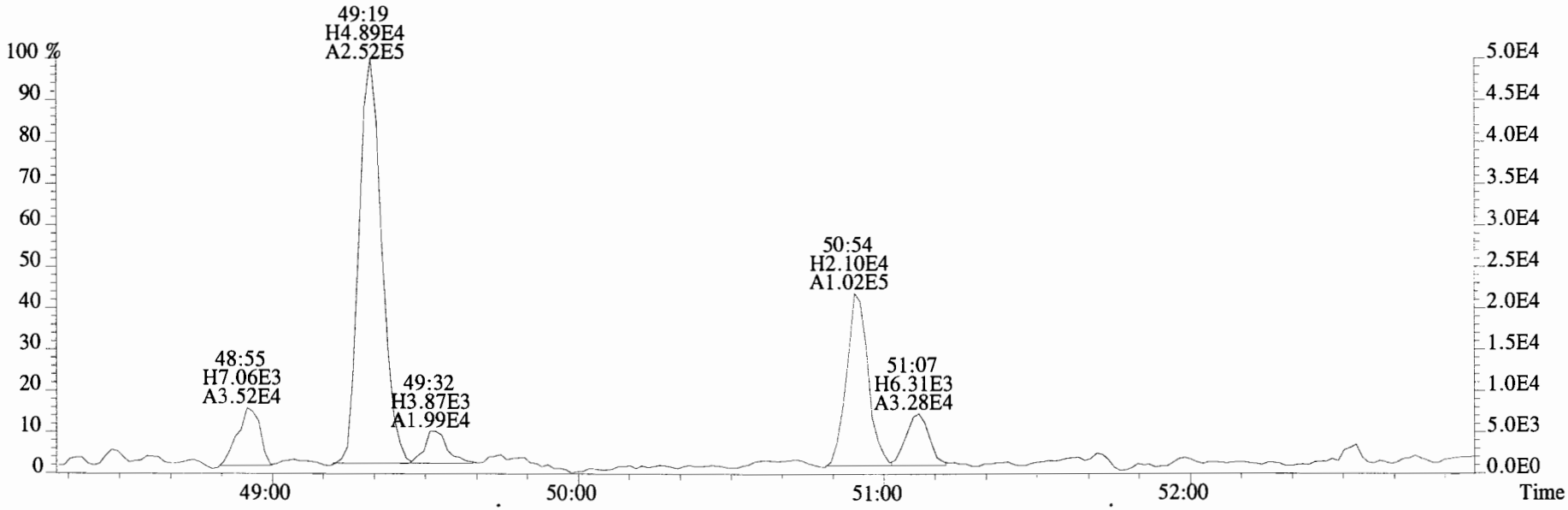
395.7995 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1784.0,0.00%,F,F)



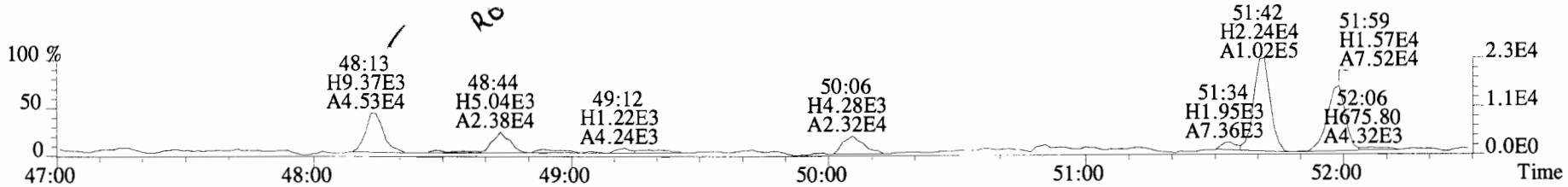
File:180315E1 #1-574 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
393.8025 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3360.0,0.00%,F,F)



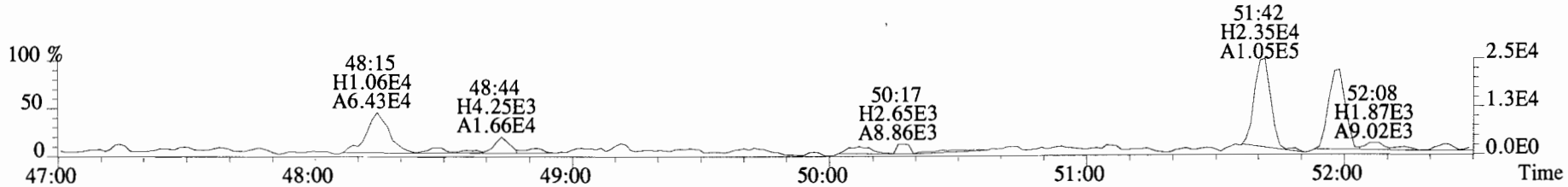
395.7995 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1784.0,0.00%,F,F)



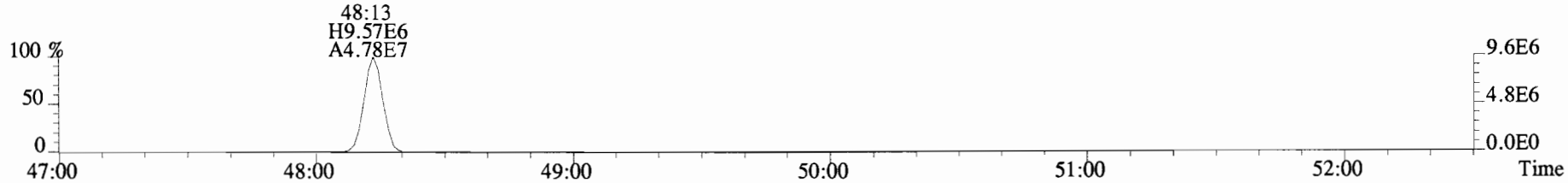
File:180315E1 #1-574 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
427.7635 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1548.0,0.00%,F,F)



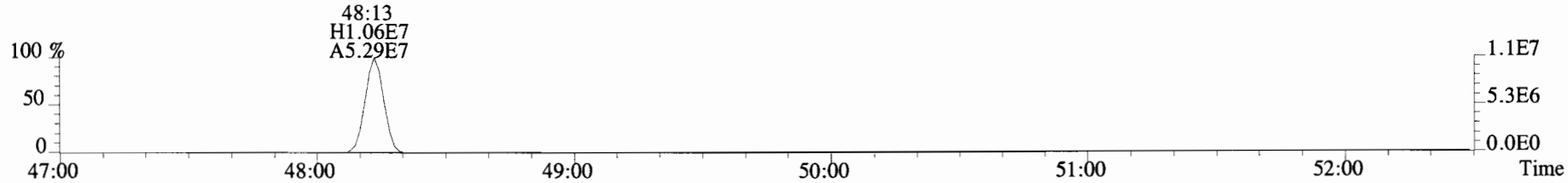
429.7606 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2008.0,0.00%,F,F)



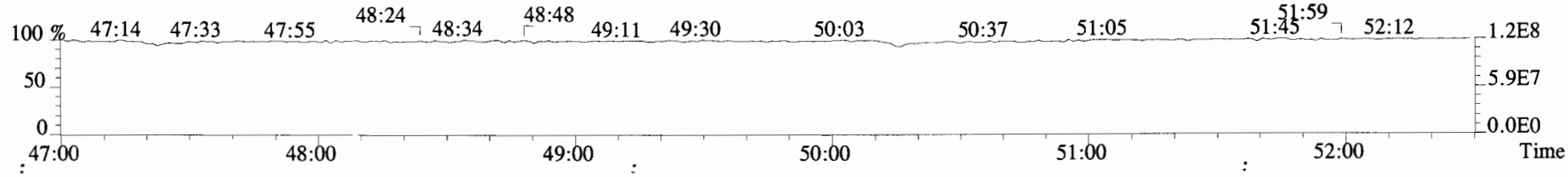
439.8038 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1684.0,0.00%,F,F)



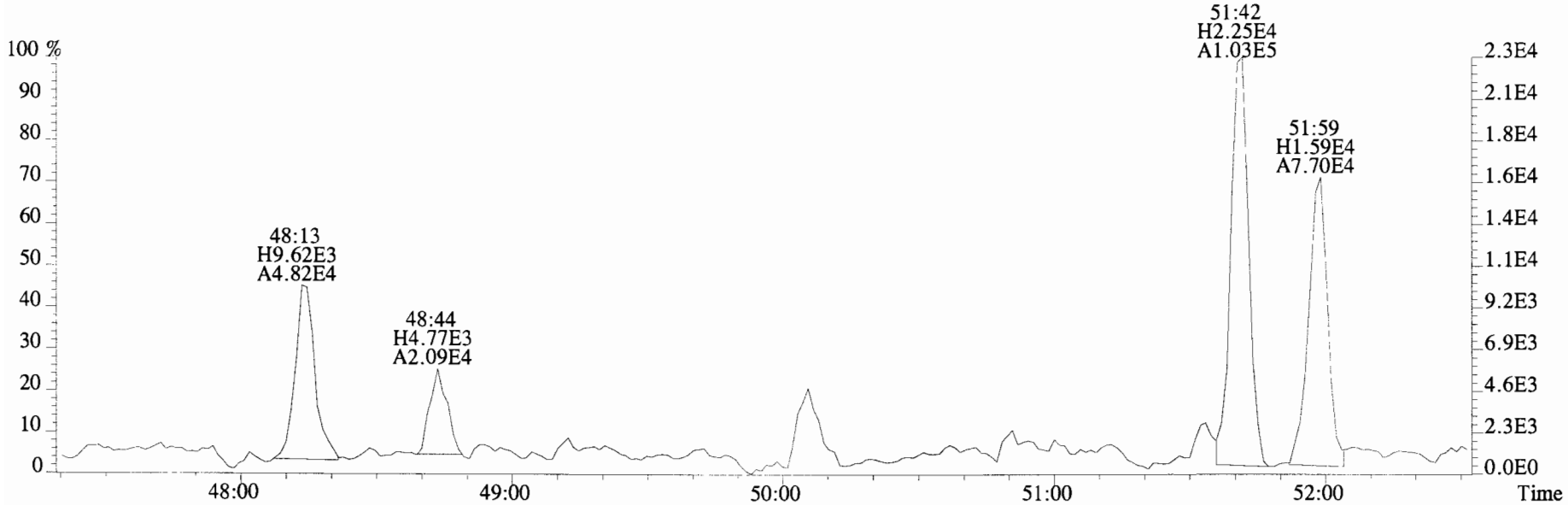
441.8008 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2108.0,0.00%,F,F)



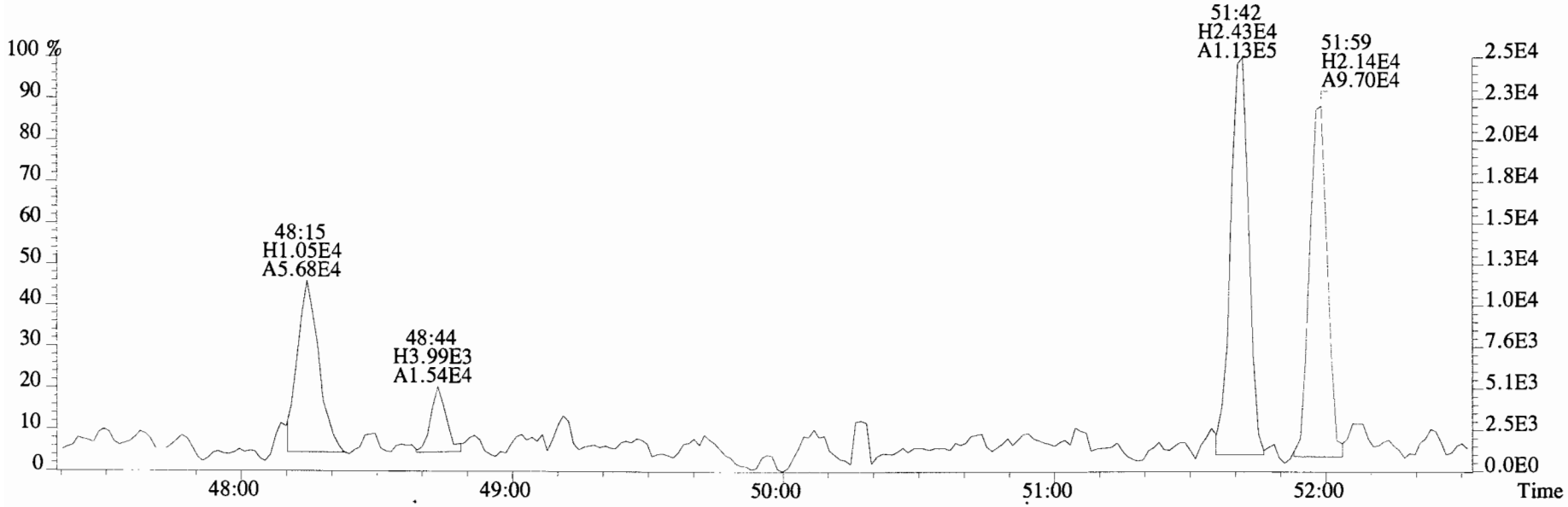
380.9760 S:9 F:4



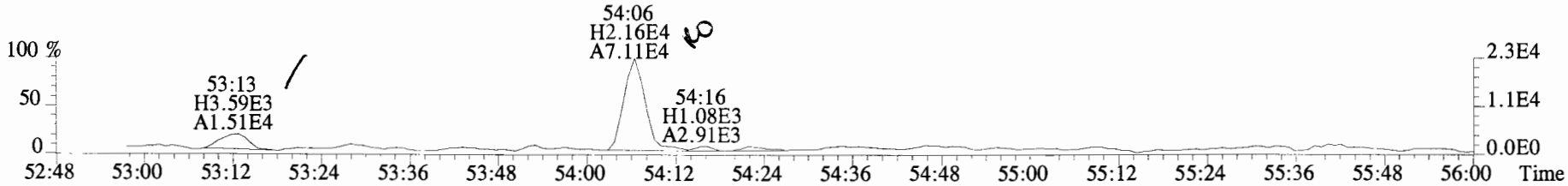
File:180315E1 #1-574 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
427.7635 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1548.0,0.00%,F,F)



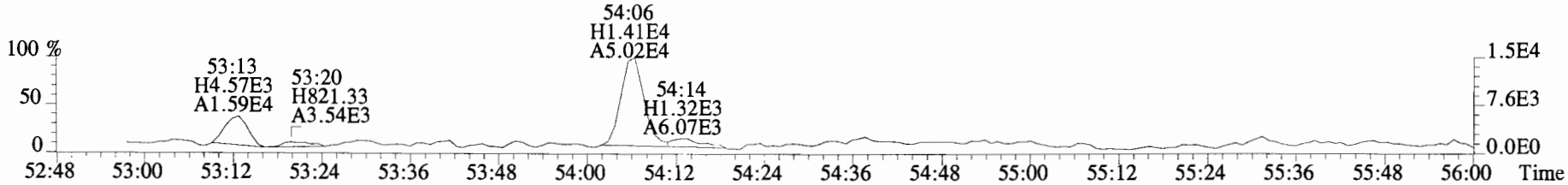
429.7606 S:9 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2008.0,0.00%,F,F)



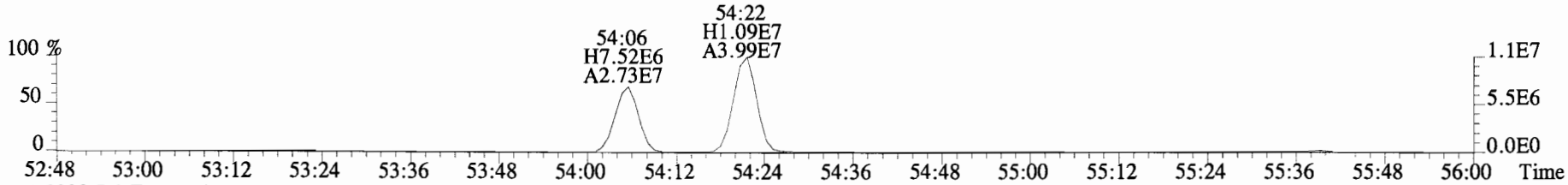
File:180315E1 #1-407 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
427.7635 S:9 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1896.0,0.00%,F,F)



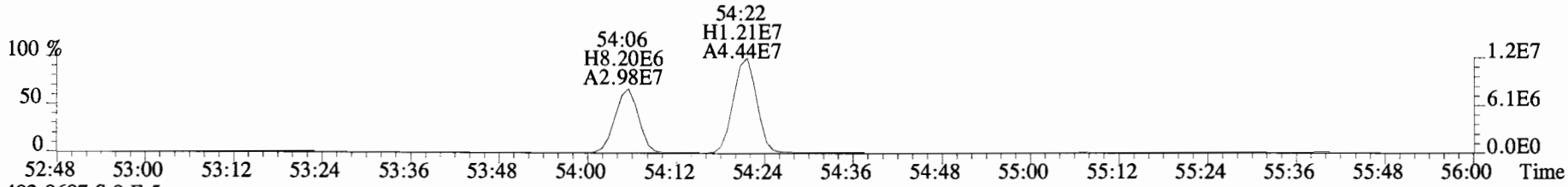
429.7606 S:9 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1924.0,0.00%,F,F)



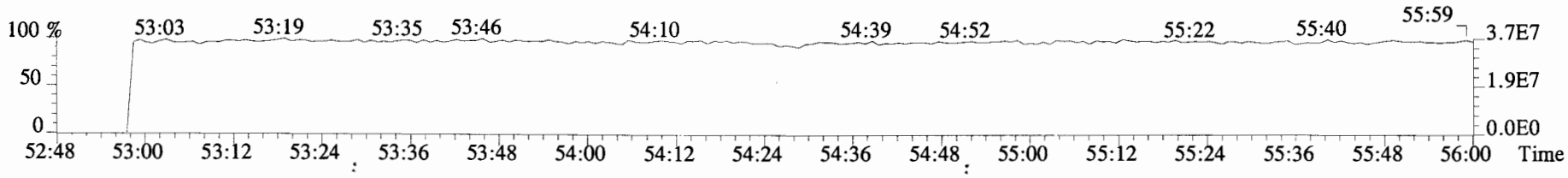
439.8038 S:9 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4596.0,0.00%,F,F)



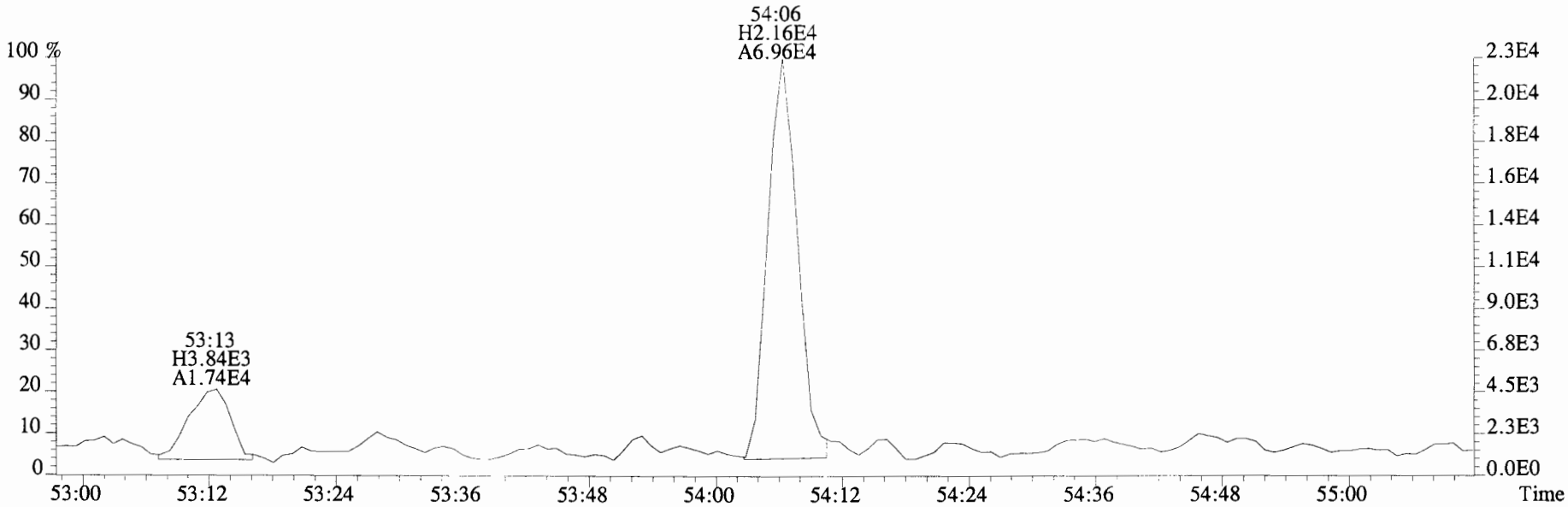
441.8008 S:9 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5076.0,0.00%,F,F)



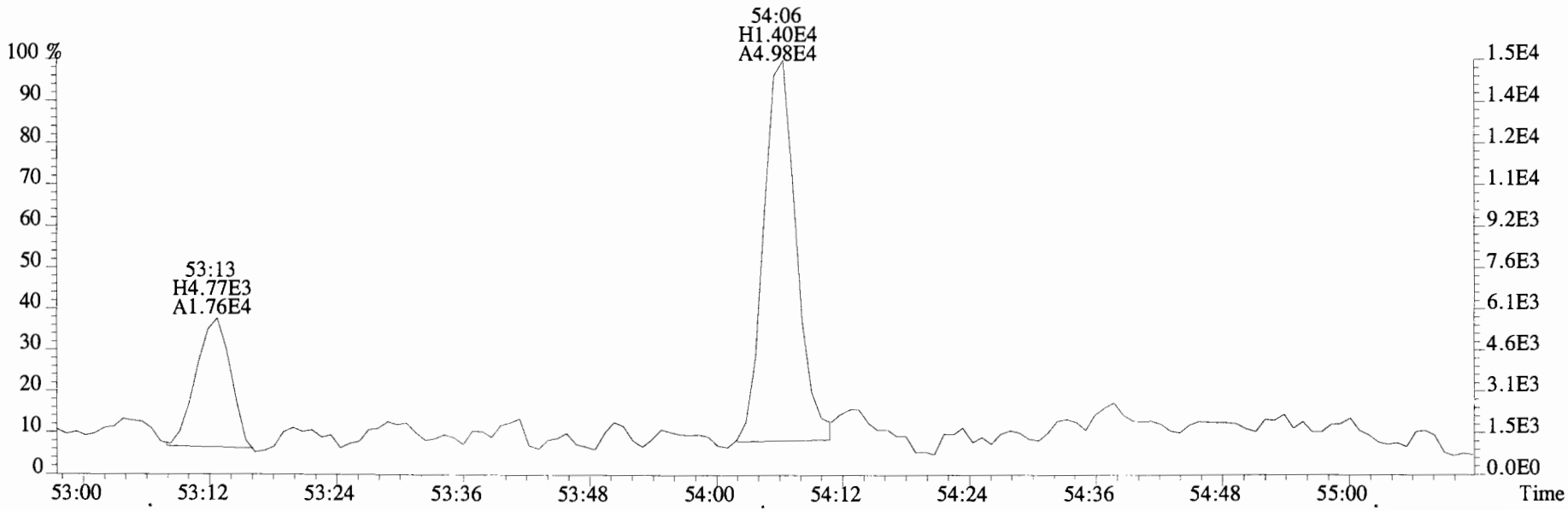
492.9697 S:9 F:5



File:180315E1 #1-407 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
427.7635 S:9 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1896.0,0.00%,F,F)

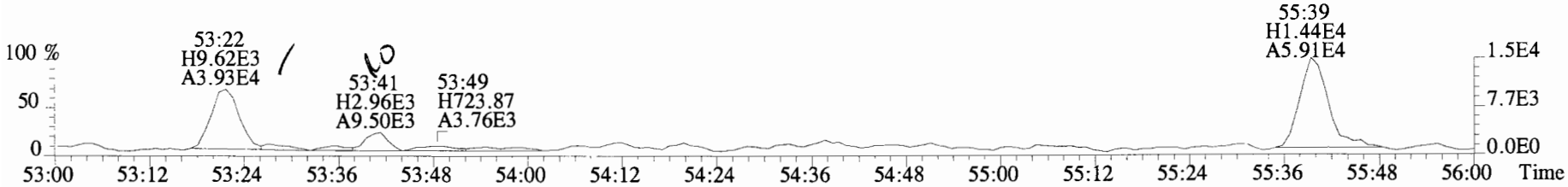


429.7606 S:9 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1924.0,0.00%,F,F)

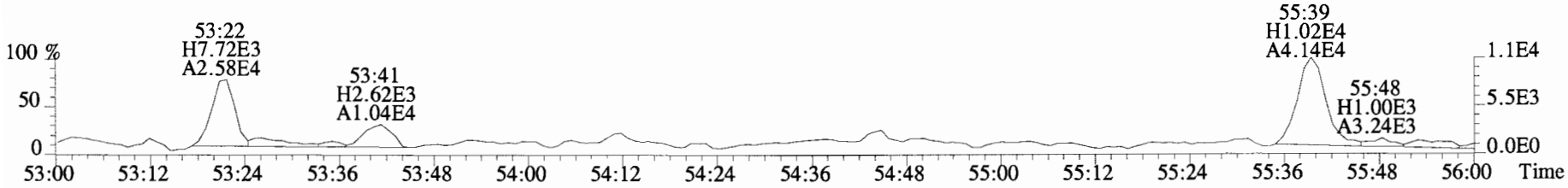


File:180315E1 #1-407 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1

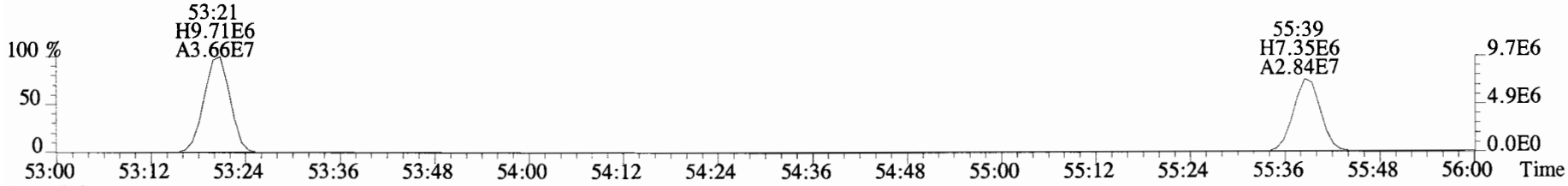
463.7216 S:9 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1692.0,0.00%,F,F)



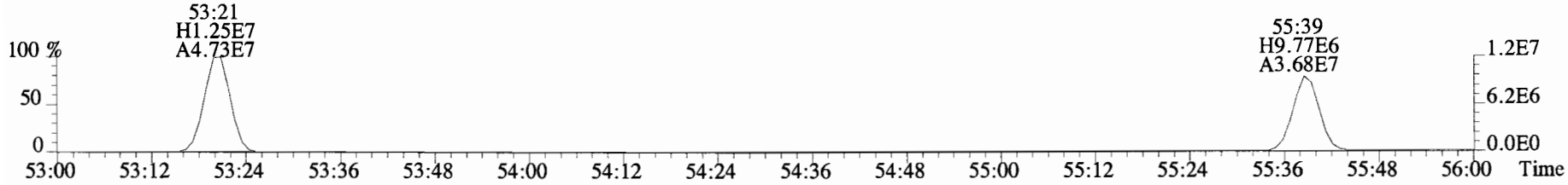
465.7186 S:9 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1772.0,0.00%,F,F)



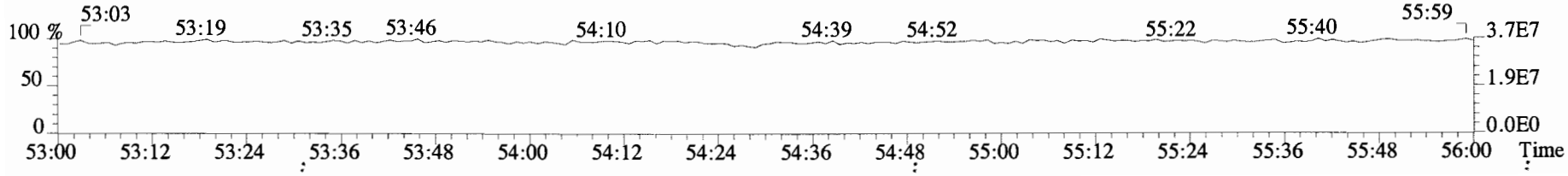
473.7648 S:9 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11524.0,0.00%,F,F)



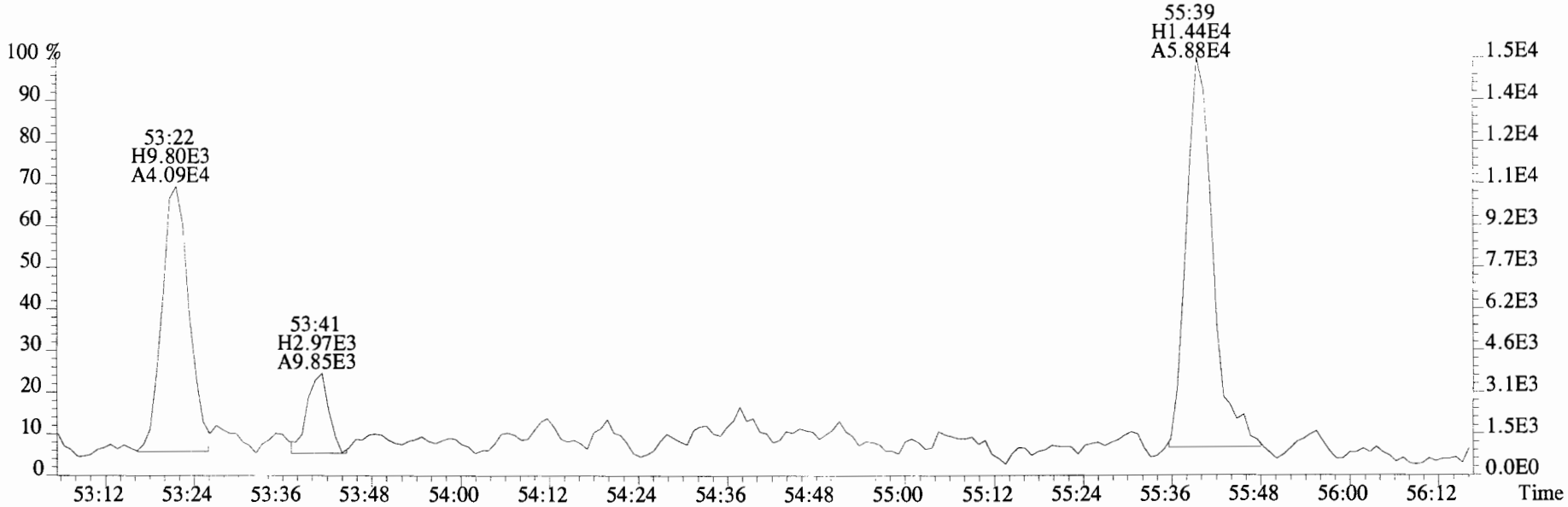
475.7619 S:9 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12388.0,0.00%,F,F)



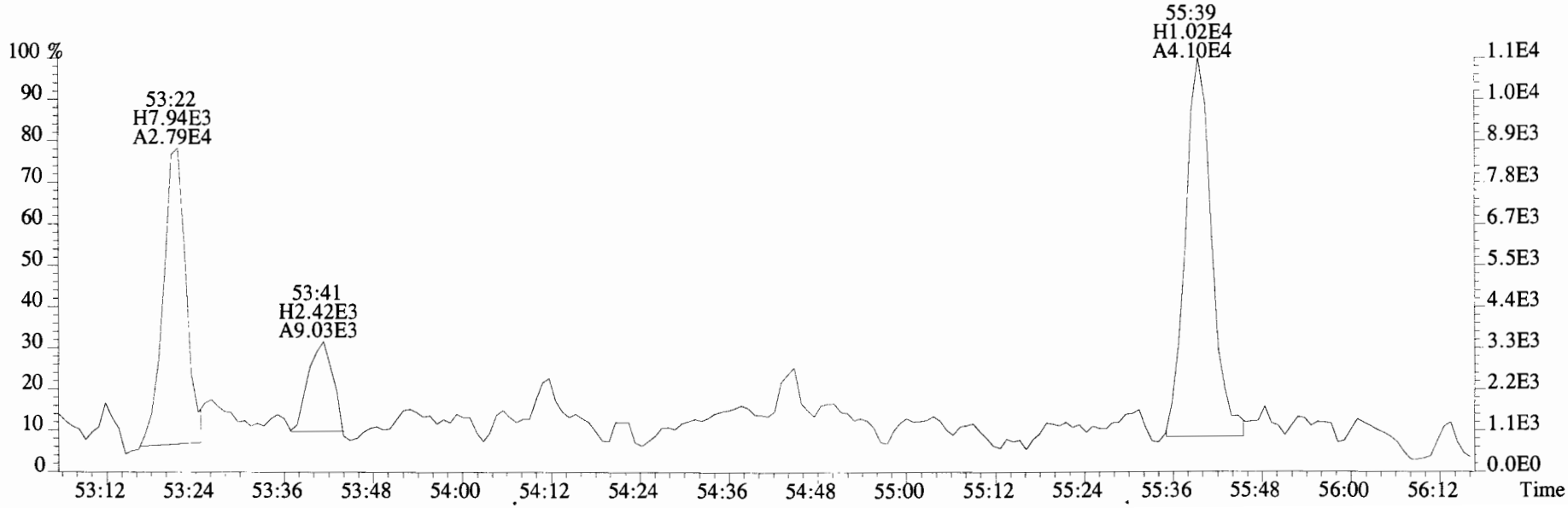
492.9697 S:9 F:5



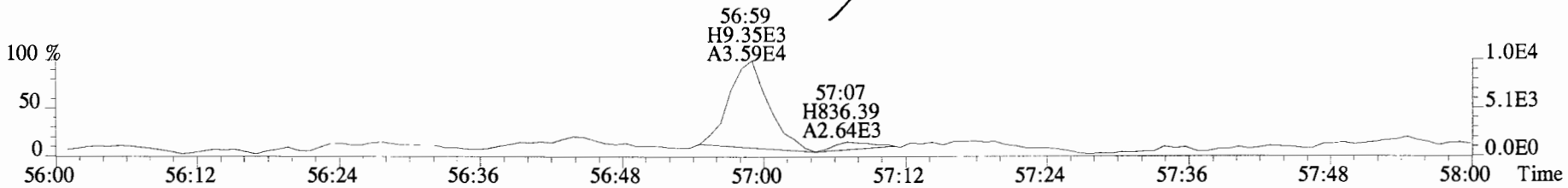
File:180315E1 #1-407 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
463.7216 S:9 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1692.0,0.00%,F,F)



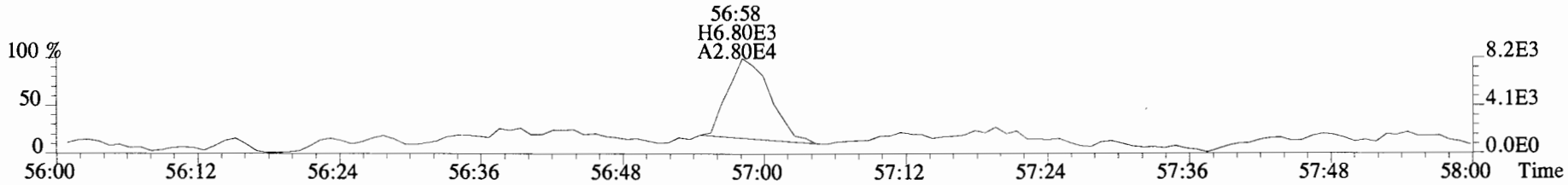
465.7186 S:9 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1772.0,0.00%,F,F)



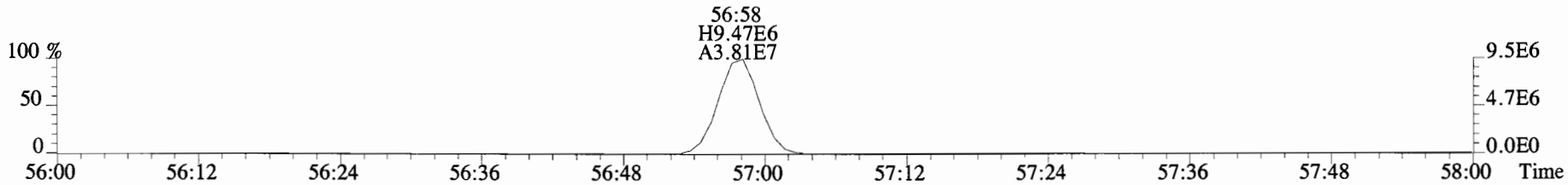
File:180315E1 #1-407 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
497.6826 S:9 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1556.0,0.00%,F,F)



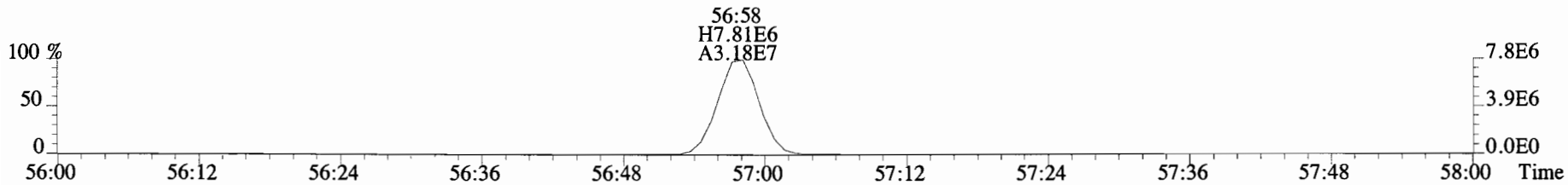
499.6797 S:9 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1584.0,0.00%,F,F)



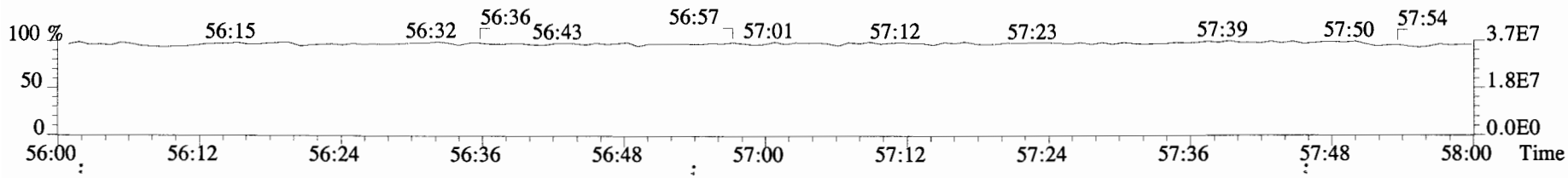
509.7229 S:9 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2004.0,0.00%,F,F)



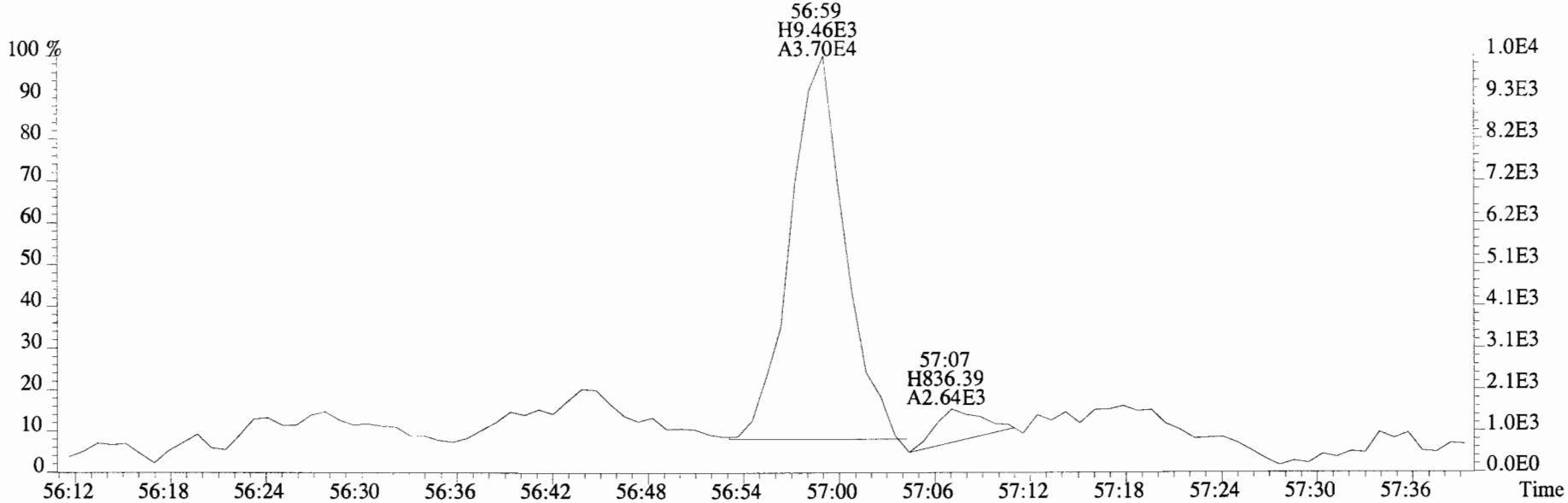
511.7199 S:9 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1952.0,0.00%,F,F)



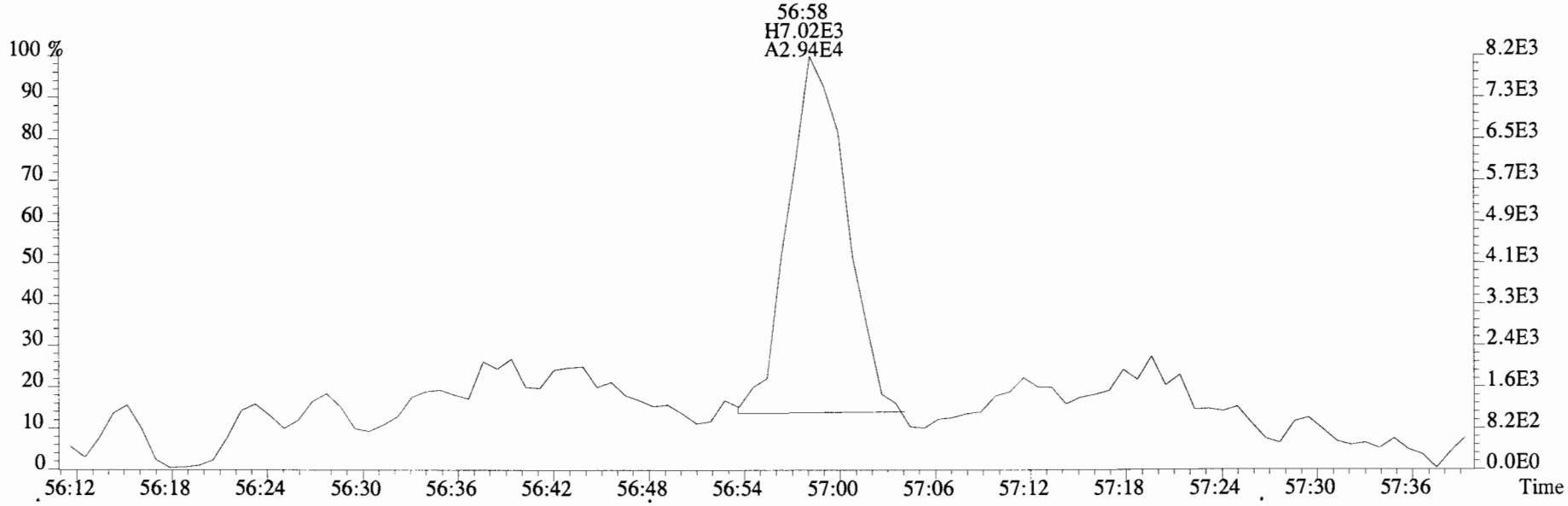
492.9697 S:9 F:5



File:180315E1 #1-407 Acq:15-MAR-2018 18:10:33 GC EI+ Voltage SIR Autospec-UltimaE
Sample#9 File Text:Vista Analytical Laboratory VG-8 Text:1701075-05 OWS-SCHU-T170815151603 1 Exp:PCB_ZB1
497.6826 S:9 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1556.0,0.00%,F,F)



499.6797 S:9 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1584.0,0.00%,F,F)



Client ID: OWS-THIS-T170815151728 Filename: 180315E1 S:10 Acq:15-MAR-18 19:15:45 ConCal: ST180315E1-1
Lab ID: 1701075-06 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.039 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Mono	PCB-1	6.74e+06	2.89	y 16:02	1.07	131.0		*	2.5	*	1.001	0.996-1.006
Mono	PCB-2	8.03e+04	2.78	y 18:26	1.06	1.384		*	2.5	*	0.988	0.983-0.993
Mono	PCB-3	1.50e+06	2.76	y 18:40	1.06	25.74		*	2.5	*	1.001	0.996-1.006
Di	PCB-4/10	1.51e+08	1.55	y 20:03	1.24	4080		*	2.5	*	1.003	0.998-1.008
Di	PCB-7/9	5.34e+05	1.65	y 21:49	0.99	11.32		*	2.5	*	0.866	0.863-0.871
Di	PCB-6	2.18e+06	1.36	y 22:30	1.06	43.48		*	2.5	*	0.893	0.888-0.897
Di	PCB-5/8	6.47e+06	1.62	y 22:53	1.03	132.5		*	2.5	*	0.908	0.904-0.913
Di	PCB-14	*	*	n NotF╗	1.03	*		2500	2.5	1.10	*	0.948-0.958
Di	PCB-11	6.57e+05	1.53	y 25:12	1.11	10.65		*	2.5	*	1.000	0.996-1.006
Di	PCB-12/13	1.03e+06	1.56	y 25:34	1.02	18.31		*	2.5	*	1.015	1.011-1.021
Di	PCB-15	9.24e+06	1.62	y 25:55	1.05	158.0		*	2.5	*	1.029	1.023-1.033
Tri	PCB-19	1.00e+08	1.04	y 24:11	1.20	2006		*	2.5	*	1.001	0.996-1.006
Tri	PCB-30	1.11e+05	1.11	y 25:05	1.93	1.375		*	2.5	*	1.038	1.034-1.044
Tri	PCB-18	1.77e+07	1.04	y 25:50	0.91	296.7		*	2.5	*	0.953	0.948-0.958
Tri	PCB-17	1.19e+07	1.02	y 26:00	0.84	216.3		*	2.5	*	0.960	0.955-0.965
Tri	PCB-24/27	5.74e+07	1.05	y 26:34	1.15	763.7		*	2.5	*	0.980	0.977-0.986
Tri	PCB-16/32	2.98e+07	1.05	y 27:07	1.02	446.6		*	2.5	*	1.001	0.995-1.005
Tri	PCB-34	1.59e+06	1.07	y 27:54	0.96	30.04		*	2.5	*	0.960	0.955-0.965
Tri	PCB-23	4.57e+04	1.60	n 28:01	0.95	0.8710	R	*	2.5	*	0.964	0.958-0.968
Tri	PCB-29	*	*	n NotF╗	0.96	*		2880	2.5	1.21	*	0.966-0.976
Tri	PCB-26	1.21e+07	1.04	y 28:27	1.00	217.7		*	2.5	*	0.979	0.974-0.984
Tri	PCB-25	2.65e+06	1.09	y 28:37	1.06	45.39		*	2.5	*	0.985	0.980-0.990
Tri	PCB-31	1.93e+07	1.04	y 28:59	1.10	318.0		*	2.5	*	0.997	0.992-1.002
Tri	PCB-28	1.18e+07	1.05	y 29:04	1.14	187.9		*	2.5	*	1.000	0.995-1.005
Tri	PCB-20/21/33	1.83e+06	1.07	y 29:43	1.00	33.23		*	2.5	*	1.022	1.017-1.027
Tri	PCB-22	2.20e+06	1.10	y 30:08	1.09	36.67		*	2.5	*	1.037	1.032-1.042
Tri	PCB-36	1.52e+05	1.07	y 30:44	1.15	2.174		*	2.5	*	0.933	0.929-0.939
Tri	PCB-39	4.77e+05	1.09	y 31:13	1.07	7.312		*	2.5	*	0.948	0.943-0.953
Tri	PCB-38	3.93e+05	1.03	y 32:01	1.10	5.852		*	2.5	*	0.972	0.966-0.976
Tri	PCB-35	1.16e+05	1.12	y 32:31	1.12	1.688		*	2.5	*	0.987	0.982-0.992
Tri	PCB-37	3.02e+06	1.05	y 32:57	1.11	44.53		*	2.5	*	1.000	0.996-1.006
Tetra	PCB-54	2.85e+06	0.72	y 27:56	1.07	47.34		*	2.5	*	1.000	0.996-1.006
Tetra	PCB-50	4.79e+05	0.82	y 29:07	0.87	9.776		*	2.5	*	1.043	1.038-1.048
Tetra	PCB-53	2.09e+07	0.77	y 29:46	1.01	391.5		*	2.5	*	0.946	0.940-0.950
Tetra	PCB-51	5.37e+06	0.79	y 30:06	1.10	92.24		*	2.5	*	0.956	0.952-0.962
Tetra	PCB-45	4.34e+06	0.76	y 30:32	0.87	94.14		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-46	1.61e+06	0.77	y 31:01	0.84	36.40		*	2.5	*	0.985	0.980-0.990

Integrations by:

Analyst: M

Date: 3/26/18

Reviewed by: [illegible] Date: 3/28/18

CT 3/29/18

Client ID: OWS-THIS-T170815151728 Filename: 180315E1 S:10 Acq:15-MAR-18 19:15:45 ConCal: ST180315E1-1
Lab ID: 1701075-06 GC Column ID: ZB-1 ICal: PCBVGP-2-8-18 wt/vol: 1.039 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL	UCL
Tetra	PCB-52/69	3.69e+07	0.77	y 31:30	1.21	575.2		*	2.5	*	1.001	0.996	1.006
Tetra	PCB-73	1.68e+06	0.76	y 31:38	1.45	21.89		*	2.5	*	1.005	1.000	1.010
Tetra	PCB-43/49	2.39e+07	0.76	y 31:48	1.01	447.6		*	2.5	*	1.010	1.005	1.015
Tetra	PCB-47	2.18e+07	0.74	y 31:59	0.91	416.4		*	2.5	*	1.000	0.995	1.005
Tetra	PCB-48/75	2.39e+06	0.83	y 32:07	1.13	36.53		*	2.5	*	1.004	0.999	1.009
Tetra	PCB-65	1.93e+05	0.70	y 32:22	1.27	2.624		*	2.5	*	1.012	1.007	1.017
Tetra	PCB-62	*	*	n NotF╗	1.10	*		2800	2.5	0.957	*	1.011	1.021
Tetra	PCB-44	1.06e+07	0.81	y 32:47	0.85	214.2		*	2.5	*	1.025	1.020	1.030
Tetra	PCB-42/59	7.33e+06	0.78	y 33:01	1.02	124.4		*	2.5	*	1.032	1.027	1.037
Tetra	PCB-41/64/71/72	2.10e+07	0.80	y 33:36	1.17	311.8		*	2.5	*	1.050	1.046	1.056
Tetra	PCB-68	1.88e+06	0.72	y 33:52	1.28	25.48		*	2.5	*	1.059	1.054	1.064
Tetra	PCB-40	1.80e+06	0.77	y 34:04	0.62	49.89		*	2.5	*	1.065	1.060	1.070
Tetra	PCB-57	5.56e+05	0.79	y 34:26	1.13	6.780		*	2.5	*	0.970	0.965	0.975
Tetra	PCB-67	6.03e+05	0.85	y 34:45	1.10	7.520		*	2.5	*	0.979	0.973	0.983
Tetra	PCB-58	*	*	n NotF╗	1.12	*		8900	1.0	0.981	*	0.977	0.987
Tetra	PCB-63	2.36e+06	0.76	y 35:01	1.00	32.48		*	2.5	*	0.986	0.981	0.991
Tetra	PCB-74	6.53e+06	0.80	y 35:18	1.18	75.93		*	2.5	*	0.994	0.989	0.999
Tetra	PCB-61/70	7.33e+06	0.79	y 35:31	1.03	98.15		*	2.5	*	1.000	0.994	1.004
Tetra	PCB-76/66	9.34e+06	0.80	y 35:43	1.13	113.3		*	2.5	*	1.006	1.000	1.010
Tetra	PCB-80	*	*	n NotF╗	1.19	*		2800	2.5	0.736	*	0.995	1.005
Tetra	PCB-55	2.00e+05	0.83	y 36:14	1.16	2.460		*	2.5	*	1.008	1.004	1.014
Tetra	PCB-56/60	6.15e+06	0.78	y 36:45	1.04	84.02		*	2.5	*	1.023	1.018	1.028
Tetra	PCB-79	8.88e+04	0.73	y 37:49	1.17	1.082		*	2.5	*	1.053	1.047	1.057
Tetra	PCB-78	*	*	n NotF╗	1.10	*		2800	2.5	0.832	*	0.982	0.992
Tetra	PCB-81	*	*	n NotF╗	0.97	*		13700	1.0	1.85	*	0.995	1.005
Tetra	PCB-77	8.84e+05	0.78	y 39:37	1.08	11.97		*	2.5	*	1.000	0.995	1.005
Penta	PCB-104	1.04e+05	1.59	y 32:38	1.08	1.650		*	2.5	*	1.000	0.996	1.006
Penta	PCB-96	5.59e+05	1.70	y 33:54	1.13	8.481		*	2.5	*	1.039	1.034	1.044
Penta	PCB-103	5.59e+05	1.65	y 34:27	0.91	10.57		*	2.5	*	1.056	1.051	1.061
Penta	PCB-100	5.28e+05	1.50	y 34:49	0.93	9.793		*	2.5	*	1.067	1.062	1.072
Penta	PCB-94	6.48e+05	1.44	y 35:17	0.91	14.70		*	2.5	*	0.986	0.981	0.991
Penta	PCB-95/98/102	8.94e+06	1.59	y 35:49	1.17	158.2		*	2.5	*	1.001	0.994	1.004
Penta	PCB-93	*	*	n NotF╗	0.93	*		2130	2.5	1.46	*	0.997	1.007
Penta	PCB-88/91	2.42e+06	1.57	y 36:13	0.97	51.61		*	2.5	*	1.012	1.005	1.015
Penta	PCB-121	*	*	n NotF╗	1.68	*		2130	2.5	0.806	*	1.009	1.019
Penta	PCB-84/92	5.23e+06	1.60	y 37:07	0.97	106.2		*	2.5	*	0.990	0.985	0.995
Penta	PCB-89	1.46e+05	1.49	y 37:18	1.06	2.706		*	2.5	*	0.995	0.990	1.000

Analyst: MI

Date: 3/26/18

Client ID: OWS-THIS-T170815151728 Filename: 180315E1 S:10 Acq:15-MAR-18 19:15:45 ConCal: ST180315E1-1
Lab ID: 1701075-06 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.039 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Penta	PCB-90/101	5.64e+06	1.52	y 37:30	1.08	103.5		*	2.5	*	1.000	0.995-1.005
Penta	PCB-113	1.75e+05	1.68	y 37:43	1.48	2.333		*	2.5	*	1.006	1.002-1.012
Penta	PCB-99	3.36e+06	1.53	y 37:49	1.25	52.90		*	2.5	*	1.009	1.004-1.014
Penta	PCB-119	5.08e+05	1.34	y 38:18	1.70	6.693		*	2.5	*	0.987	0.982-0.992
Penta	PCB-108/112	8.82e+05	1.76	y 38:27	1.40	14.08		*	2.5	*	0.991	0.986-0.996
Penta	PCB-83	*	*	n NotF╗	1.75	*		2130	2.5	0.868	*	0.990-1.000
Penta	PCB-97	1.66e+06	1.57	y 38:49	1.17	31.74		*	2.5	*	1.001	0.995-1.005
Penta	PCB-86	4.57e+04	1.61	y 38:56	1.08	0.9466		*	2.5	*	1.004	0.999-1.009
Penta	PCB-87/117/125	2.89e+06	1.55	y 39:04	1.55	41.71		*	2.5	*	1.007	1.002-1.012
Penta	PCB-111/115	1.60e+05	1.46	y 39:14	1.79	1.999		*	2.5	*	1.012	1.006-1.016
Penta	PCB-85/116	1.24e+06	1.51	y 39:20	1.29	21.58		*	2.5	*	1.014	1.009-1.019
Penta	PCB-120	5.62e+04	1.38	y 39:34	1.98	0.6348		*	2.5	*	1.020	1.016-1.026
Penta	PCB-110	9.25e+06	1.57	y 39:44	1.69	122.9		*	2.5	*	1.024	1.020-1.030
Penta	PCB-82	6.49e+05	1.57	y 40:22	0.81	13.43		*	2.5	*	0.976	0.972-0.982
Penta	PCB-124	2.32e+05	1.66	y 41:03	1.30	2.990		*	2.5	*	0.993	0.988-0.998
Penta	PCB-107/109	5.93e+05	1.65	y 41:13	1.31	7.534		*	2.5	*	0.997	0.991-1.001
Penta	PCB-123	1.26e+05	1.62	y 41:22	1.12	1.874		*	2.5	*	1.000	0.996-1.006
Penta	PCB-106/118	4.51e+06	1.59	y 41:32	1.18	60.96		*	2.5	*	1.000	0.996-1.006
Penta	PCB-114	1.52e+05	1.34	y 42:11	1.11	2.851		*	2.5	*	1.000	0.995-1.005
Penta	PCB-122	*	*	n NotF╗	1.03	*		2650	1.0	0.724	*	0.999-1.009
Penta	PCB-105	1.59e+06	1.69	y 43:03	1.12	30.48		*	2.5	*	1.000	0.995-1.005
Penta	PCB-127	*	*	n NotF╗	1.12	*		1700	2.5	1.03	*	0.995-1.005
Penta	PCB-126	*	*	n NotF╗	1.20	*		1700	2.5	1.11	*	0.995-1.005
Hexa	PCB-155	*	*	n NotF╗	0.99	*		1910	2.5	0.840	*	0.995-1.005
Hexa	PCB-150	*	*	n NotF╗	1.02	*		1910	2.5	0.809	*	1.030-1.040
Hexa	PCB-152	5.52e+04	1.71	n 38:47	1.16	0.7496	R	*	2.5	*	1.047	1.042-1.052
Hexa	PCB-145	*	*	n NotF╗	1.13	*		1910	2.5	0.735	*	1.054-1.064
Hexa	PCB-136	1.00e+06	1.19	y 39:33	1.02	15.39		*	2.5	*	1.068	1.063-1.073
Hexa	PCB-148	*	*	n NotF╗	0.77	*		1910	2.5	1.07	*	1.066-1.076
Hexa	PCB-154	1.33e+05	1.20	y 40:09	0.88	2.387		*	2.5	*	1.084	1.079-1.089
Hexa	PCB-151	1.22e+06	1.21	y 40:47	0.75	25.39		*	2.5	*	1.101	1.095-1.107
Hexa	PCB-135	7.42e+05	1.15	y 41:00	0.86	13.55		*	2.5	*	1.107	1.101-1.113
Hexa	PCB-144	7.05e+04	0.85	n 41:06	0.77	1.446	R	*	2.5	*	1.110	1.105-1.116
Hexa	PCB-147	2.30e+05	1.42	y 41:14	0.80	4.498		*	2.5	*	1.114	1.108-1.120
Hexa	PCB-139/149	2.39e+06	1.26	y 41:29	0.88	42.57		*	2.5	*	1.120	1.115-1.127
Hexa	PCB-140	3.99e+04	1.00	n 41:41	0.77	0.8153	R	*	2.5	*	1.126	1.120-1.132
Hexa	PCB-134/143	3.44e+05	1.25	y 42:09	0.76	7.758		*	2.5	*	0.976	0.970-0.980

Analyst: MI

Date: 3/26/18

Client ID: OWS-THIS-T170815151728 Filename: 180315E1 S:10 Acq:15-MAR-18 19:15:45 ConCal: ST180315E1-1
Lab ID: 1701075-06 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol 1.039 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hexa	PCB-131/133	2.34e+05	1.37	y 42:25	0.82	4.927		*	2.5	*	0.982	0.977-0.987
Hexa	PCB-142	*	*	n NotF╗	0.73	*		2020	2.5	1.34	*	0.981-0.991
Hexa	PCB-146/165	6.64e+05	1.32	y 42:49	1.02	11.21		*	2.5	*	0.991	0.986-0.996
Hexa	PCB-132/161	1.07e+06	1.22	y 43:04	1.00	18.32		*	2.5	*	0.997	0.992-1.002
Hexa	PCB-153	2.40e+06	1.27	y 43:13	1.08	38.40		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-168	*	*	n NotF╗	1.12	*		2020	2.5	0.881	*	1.000-1.010
Hexa	PCB-141	3.40e+05	1.24	y 43:57	1.02	6.799		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-137	1.40e+05	1.16	y 44:19	1.10	2.595		*	2.5	*	1.009	1.004-1.014
Hexa	PCB-130	2.32e+05	1.26	y 44:26	0.81	5.868		*	2.5	*	1.011	1.007-1.017
Hexa	PCB-138/163/164	3.61e+06	1.19	y 44:48	1.23	55.61		*	2.5	*	1.000	0.996-1.006
Hexa	PCB-158/160	2.84e+05	1.35	y 45:01	1.18	4.580		*	2.5	*	1.005	1.001-1.011
Hexa	PCB-129	1.05e+05	1.30	y 45:17	0.78	2.554		*	2.5	*	1.011	1.007-1.017
Hexa	PCB-166	*	*	n NotF╗	1.13	*		2020	2.5	0.862	*	0.988-0.998
Hexa	PCB-159	*	*	n NotF╗	1.16	*		2020	2.5	0.839	*	0.995-1.005
Hexa	PCB-128/162	4.46e+05	1.10	y 46:21	0.89	8.021		*	2.5	*	1.006	1.002-1.012
Hexa	PCB-167	1.01e+05	1.24	y 46:45	1.02	1.591		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-156	2.84e+05	1.38	y 48:03	1.06	4.345		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-157	8.42e+04	1.36	y 48:18	1.02	1.348		*	2.5	*	1.000	0.996-1.006
Hexa	PCB-169	*	*	n NotF╗	1.13	*		2020	2.5	0.916	*	0.995-1.005
Hepta	PCB-188	*	*	n NotF╗	1.37	*		2000	2.5	0.559	*	0.995-1.005
Hepta	PCB-184	*	*	n NotF╗	1.32	*		2000	2.5	0.583	*	1.006-1.016
Hepta	PCB-179	3.87e+05	1.00	y 44:04	1.38	5.790		*	2.5	*	1.029	1.024-1.034
Hepta	PCB-176	1.05e+05	1.02	y 44:32	1.31	1.659		*	2.5	*	1.040	1.035-1.045
Hepta	PCB-186	*	*	n NotF╗	1.42	*		2000	2.5	0.541	*	1.049-1.059
Hepta	PCB-178	2.50e+05	1.06	y 45:38	0.97	5.346		*	2.5	*	1.065	1.060-1.070
Hepta	PCB-175	*	*	n NotF╗	1.00	*		2000	2.5	0.770	*	1.069-1.079
Hepta	PCB-182/187	6.92e+05	0.97	y 46:08	1.14	12.53		*	2.5	*	1.077	1.072-1.082
Hepta	PCB-183	1.63e+05	1.20	y 46:29	1.13	2.990		*	2.5	*	1.085	1.080-1.090
Hepta	PCB-185	*	*	n NotF╗	1.36	*		4200	1.0	0.650	*	0.950-0.960
Hepta	PCB-174	3.32e+05	1.10	y 47:29	1.42	6.534		*	2.5	*	0.963	0.958-0.968
Hepta	PCB-181	*	*	n NotF╗	1.48	*		2000	2.5	0.710	*	0.960-0.970
Hepta	PCB-177	2.87e+05	1.13	y 47:46	1.33	6.034		*	2.5	*	0.969	0.963-0.973
Hepta	PCB-171	1.28e+05	1.19	y 48:03	1.37	2.604		*	2.5	*	0.974	0.969-0.979
Hepta	PCB-173	*	*	n NotF╗	1.27	*		2000	2.5	0.826	*	0.978-0.988
Hepta	PCB-172	9.75e+04	1.12	y 48:56	1.39	1.962		*	2.5	*	0.992	0.987-0.997
Hepta	PCB-192	*	*	n NotF╗	1.80	*		2000	2.5	0.581	*	0.991-1.001
Hepta	PCB-180	6.13e+05	1.15	y 49:20	1.52	11.28		*	2.5	*	1.000	0.995-1.005

Analyst: MJ

Date: 3/26/18

Client ID: OWS-THIS-T170815151728 Filename: 180315E1 S:10 Acq:15-MAR-18 19:15:45 ConCal: ST180315E1-1
Lab ID: 1701075-06 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.039 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hepta	PCB-193	5.51e+04	0.91	y 49:33	1.71	0.8975		*	2.5	*	1.005	0.999-1.009
Hepta	PCB-191	*	*	n NotF	1.74	*		2000	2.5	0.603	*	1.005-1.015
Hepta	PCB-170	2.54e+05	1.17	y 50:56	1.44	5.663		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-190	8.15e+04	0.93	y 51:08	1.95	1.335		*	2.5	*	1.004	0.999-1.009
Hepta	PCB-189	3.60e+04	0.91	y 52:31	1.46	0.6134		*	2.5	*	1.000	0.995-1.005
Octa	PCB-202	9.70e+04	0.79	y 48:15	1.06	1.614		*	2.5	*	1.000	0.995-1.005
Octa	PCB-201	*	*	n NotF	0.98	*		3010	2.5	1.34	*	1.006-1.016
Octa	PCB-204	*	*	n NotF	1.07	*		2020	2.5	0.820	*	1.009-1.019
Octa	PCB-197	*	*	n NotF	1.10	*		2020	2.5	0.800	*	1.015-1.025
Octa	PCB-200	*	*	n NotF	1.04	*		2020	2.5	0.843	*	1.034-1.044
Octa	PCB-198	*	*	n NotF	0.84	*		2020	2.5	1.05	*	1.065-1.075
Octa	PCB-199	1.95e+05	0.76	y 51:41	0.80	4.293		*	2.5	*	1.071	1.067-1.077
Octa	PCB-196/203	1.50e+05	1.06	n 51:59	0.84	3.152	R	*	2.5	*	1.077	1.072-1.082
Octa	PCB-195	4.58e+04	0.81	y 53:13	1.04	1.386		*	2.5	*	0.984	0.979-0.989
Octa	PCB-194	1.27e+05	0.89	y 54:07	1.16	3.447		*	2.5	*	1.000	0.995-1.005
Octa	PCB-205	*	*	n NotF	1.33	*		1520	2.5	0.641	*	1.000-1.010
Nona	PCB-208	4.40e+04	1.36	y 53:22	0.90	1.066		*	2.5	*	1.000	0.995-1.005
Nona	PCB-207	*	*	n NotF	0.89	*		1330	2.5	0.534	*	1.001-1.011
Nona	PCB-206	6.88e+04	1.15	y 55:41	0.88	2.154		*	2.5	*	1.000	0.995-1.005
Deca	PCB-209	3.24e+04	1.06	y 56:59	1.04	0.8124		*	2.5	*	1.000	0.995-1.005

Analyst: MI

Date: 3/26/18

Client ID: OWS-THIS-T170815151728 Filename: 180315E1 S:10 Acq:15-MAR-18 19:15:45 ConCal: ST180315E1-1
Lab ID: 1701075-06 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.039 EndCAL: NA

Name	Resp	RA	RT	RRF	Conc	
Total Mono-PCB	8.32e+06	2.89 y	16:02	1.06	158.132	
Total Di-PCB	1.71e+08	1.55 y	20:03	1.04	4454.39	
Total Tri-PCB	2.17e+08	1.04 y	24:11	1.15	3730.76	
Total Tri-PCB	5.56e+07	1.07 y	27:54	1.05	930.481	Sum:4661.24
Total Tetra-PCB	1.99e+08	0.72 y	27:56	1.06	3331.10	
Total Penta-PCB	5.11e+07	1.59 y	32:38	1.18	851.695	
Total Penta-PCB	1.74e+06	1.34 y	42:11	1.12	33.3342	Sum:885.029
Total Hexa-PCB	5.71e+06	1.19 y	39:33	0.91	103.779	
Total Hexa-PCB	1.03e+07	1.25 y	42:09	1.00	173.919	Sum:277.698
Total Hepta-PCB	3.48e+06	1.00 y	44:04	1.35	65.2408	
Total Octa-PCB	2.92e+05	0.79 y	48:15	0.95	5.90638	
Total Octa-PCB	1.73e+05	0.81 y	53:13	1.17	4.83370	Sum:10.7401
Total Nona-PCB	1.13e+05	1.36 y	53:22	0.89	3.21940	
Total Deca-PCB	3.24e+04	1.06 y	56:59	1.04	0.812448	

Total PCB Conc:13854.6374550

Integrations
by
Analyst: MJ
Date: 3/26/18

Client ID: OWS-THIS-T170815151728 Filename: 180315E1 S:10 Acq:15-MAR-18 19:15:45 ConCal: ST180315E1-1
Lab ID: 1701075-06 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol:1.0386 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-1	9.24e+07	3.10 y	1.13	16:01	0.618	0.616	0.622	982	51.0
13C-PCB-3	1.06e+08	3.16 y	1.21	18:39	0.720	0.716	0.724	1050	54.4
13C-PCB-4	5.76e+07	1.59 y	0.59	19:60	0.772	0.769	0.777	1160	60.5
13C-PCB-9	9.14e+07	1.54 y	0.94	21:48	0.842	0.837	0.845	1170	60.6
13C-PCB-11	1.07e+08	1.55 y	0.95	25:12	0.973	0.968	0.978	1350	70.3
13C-PCB-19	8.06e+07	1.04 y	0.62	24:10	0.933	0.928	0.938	1550	80.6
13C-PCB-28	1.06e+08	1.03 y	1.05	29:04	1.004	0.999	1.009	1390	72.3
13C-PCB-32	1.26e+08	1.06 y	0.91	27:06	1.046	1.041	1.051	1660	86.2
13C-PCB-37	1.17e+08	1.06 y	1.02	32:56	1.137	1.132	1.144	1580	82.1
13C-PCB-47	1.11e+08	0.79 y	0.83	31:59	0.871	0.867	0.875	1660	86.1
13C-PCB-52	1.02e+08	0.80 y	0.76	31:29	0.857	0.853	0.861	1660	86.1
13C-PCB-54	1.08e+08	0.79 y	0.93	27:56	0.760	0.756	0.764	1450	75.0
13C-PCB-70	1.40e+08	0.79 y	1.00	35:30	0.966	0.961	0.971	1740	90.6
13C-PCB-77	1.31e+08	0.81 y	0.96	39:37	1.078	1.073	1.083	1700	88.4
13C-PCB-80	1.35e+08	0.78 y	1.00	35:56	0.978	0.973	0.983	1690	87.7
13C-PCB-81	1.38e+08	0.79 y	1.01	39:02	1.062	1.057	1.067	1710	88.8
13C-PCB-95	9.29e+07	1.56 y	0.80	35:48	0.913	0.908	0.918	1650	85.5
13C-PCB-97	8.60e+07	1.60 y	0.70	38:47	0.989	0.984	0.994	1740	90.6
13C-PCB-101	9.75e+07	1.61 y	0.80	37:29	0.956	0.951	0.961	1730	89.9
13C-PCB-104	1.12e+08	1.58 y	1.01	32:38	0.832	0.828	0.836	1580	82.3
13C-PCB-105	8.96e+07	1.56 y	1.14	43:03	0.929	0.924	0.934	1530	79.6
13C-PCB-114	9.21e+07	1.59 y	1.18	42:11	0.911	0.905	0.915	1520	78.9
13C-PCB-118	1.21e+08	1.59 y	1.00	41:32	1.059	1.054	1.064	1730	89.6
13C-PCB-123	1.15e+08	1.58 y	0.95	41:21	1.054	1.049	1.059	1740	90.2
13C-PCB-126	8.77e+07	1.55 y	1.14	45:17	0.977	0.972	0.982	1510	78.2
13C-PCB-127	9.74e+07	1.57 y	1.24	43:23	0.937	0.931	0.941	1530	79.4
13C-PCB-138	1.01e+08	1.27 y	1.17	44:47	0.967	0.962	0.972	1680	87.4
13C-PCB-141	9.46e+07	1.27 y	1.11	43:56	0.948	0.944	0.954	1670	86.6
13C-PCB-153	1.12e+08	1.26 y	1.34	43:12	0.933	0.928	0.938	1640	84.9
13C-PCB-155	1.23e+08	1.27 y	0.83	37:02	0.944	0.939	0.949	2110	110
13C-PCB-156	1.18e+08	1.24 y	1.38	48:02	1.037	1.032	1.042	1670	86.8
13C-PCB-157	1.17e+08	1.24 y	1.37	48:18	1.043	1.037	1.047	1670	86.7
13C-PCB-159	1.20e+08	1.27 y	1.39	46:04	0.994	0.989	0.999	1690	87.7
13C-PCB-167	1.20e+08	1.27 y	1.40	46:45	1.009	1.004	1.014	1670	87.0
13C-PCB-169	1.15e+08	1.25 y	1.39	50:31	1.090	1.085	1.095	1610	83.6
13C-PCB-170	6.02e+07	0.46 y	0.86	50:55	1.103	1.097	1.109	1770	91.9
13C-PCB-180	6.90e+07	0.45 y	0.98	49:19	1.068	1.064	1.074	1780	92.7
13C-PCB-188	9.30e+07	0.46 y	1.40	42:50	0.928	0.923	0.933	1680	87.2
13C-PCB-189	7.77e+07	0.46 y	1.15	52:32	1.138	1.132	1.144	1710	88.7
13C-PCB-194	6.14e+07	0.91 y	0.77	54:06	0.995	0.990	1.000	1740	90.1
13C-PCB-202	1.09e+08	0.90 y	1.28	48:15	1.045	1.040	1.050	2150	112
13C-PCB-206	6.98e+07	0.78 y	0.81	55:40	1.024	1.019	1.029	1880	97.6
13C-PCB-208	8.88e+07	0.77 y	1.09	53:21	0.981	0.977	0.987	1770	91.8
13C-PCB-209	7.38e+07	1.20 y	0.74	56:59	1.048	1.043	1.053	2180	113

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.54e+08	0.79 y	1.03	37:48	1.029	1.024	1.034	1850	96.1
13C-PCB-178	6.92e+07	0.46 y	0.93	45:37	0.985	0.980	0.990	1890	97.9

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.54e+08	0.79 y	1.03	37:48	0.969	0.963	0.973	2080	108
13C-PCB-178	6.92e+07	0.46 y	0.95	45:37	0.925	0.920	0.930	2030	106

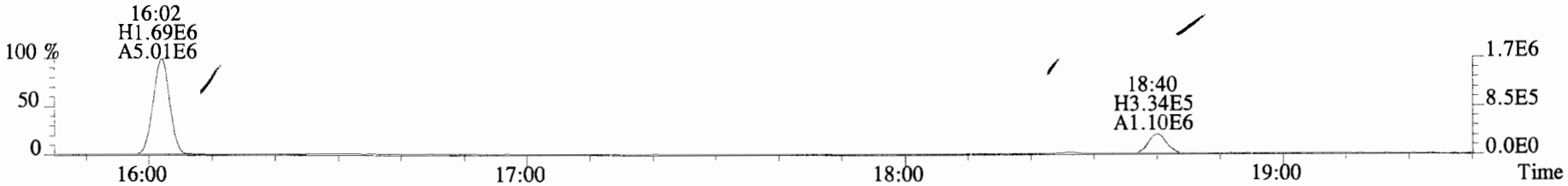
RS

Name	Resp	RA	RRF	RT	Conc
13C-PCB-15	1.60e+08	1.53 y	1.00	25:54	1930
13C-PCB-31	1.40e+08	1.04 y	1.00	28:57	1930
13C-PCB-60	1.55e+08	0.79 y	1.00	36:44	1930
13C-PCB-111	1.35e+08	1.58 y	1.00	39:13	1930
13C-PCB-128	9.86e+07	1.27 y	1.00	46:20	1930
13C-PCB-182	7.63e+07	0.46 y	1.00	46:09	1930
13C-PCB-205	8.85e+07	0.91 y	1.00	54:23	1930

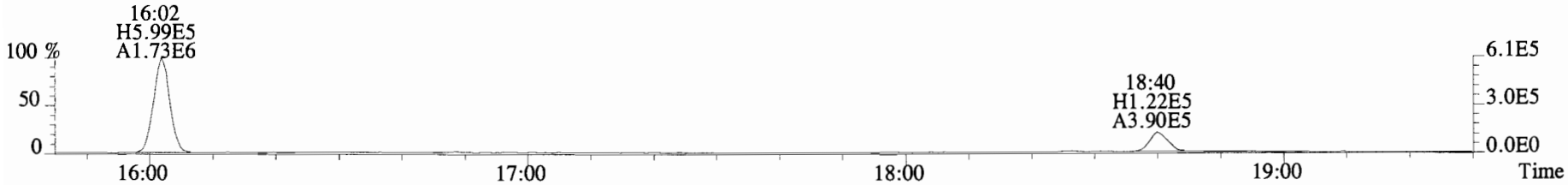
Analyst: MJ

Date: 3/26/18

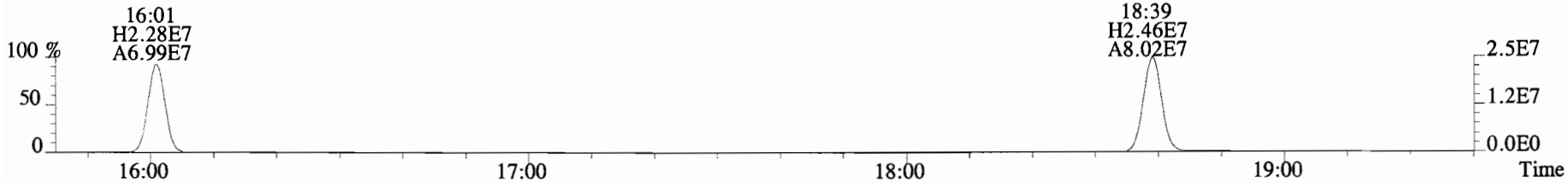
File:180315E1 #1-867 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
188.0393 S:10 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13152.0,0.00%,F,F)



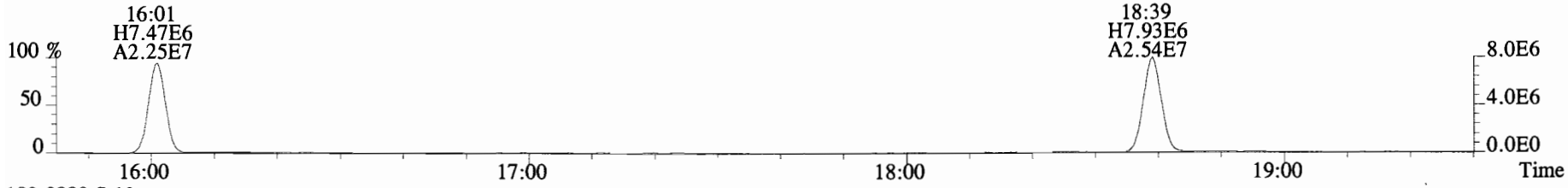
190.0363 S:10 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9924.0,0.00%,F,F)



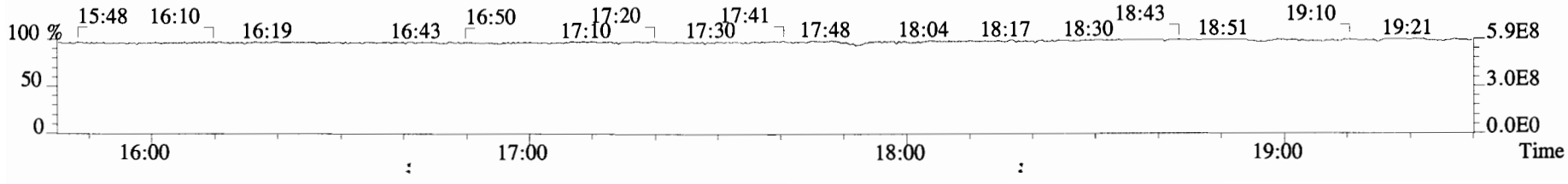
200.0795 S:10 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9080.0,0.00%,F,F)



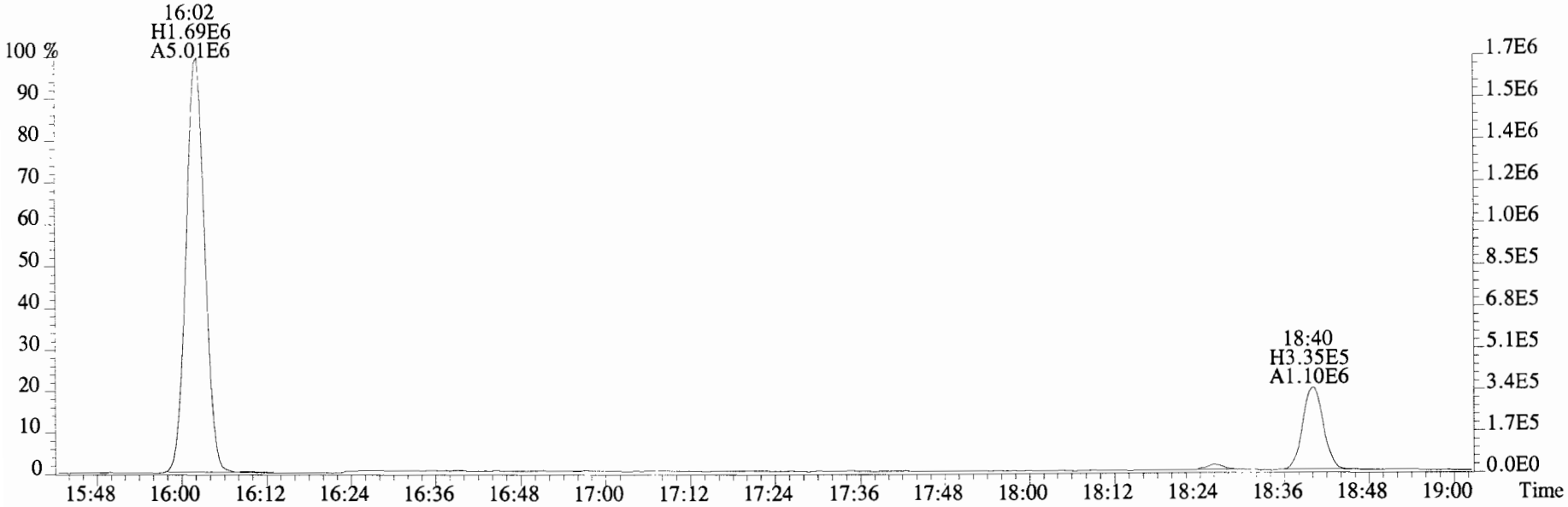
202.0766 S:10 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26376.0,0.00%,F,F)



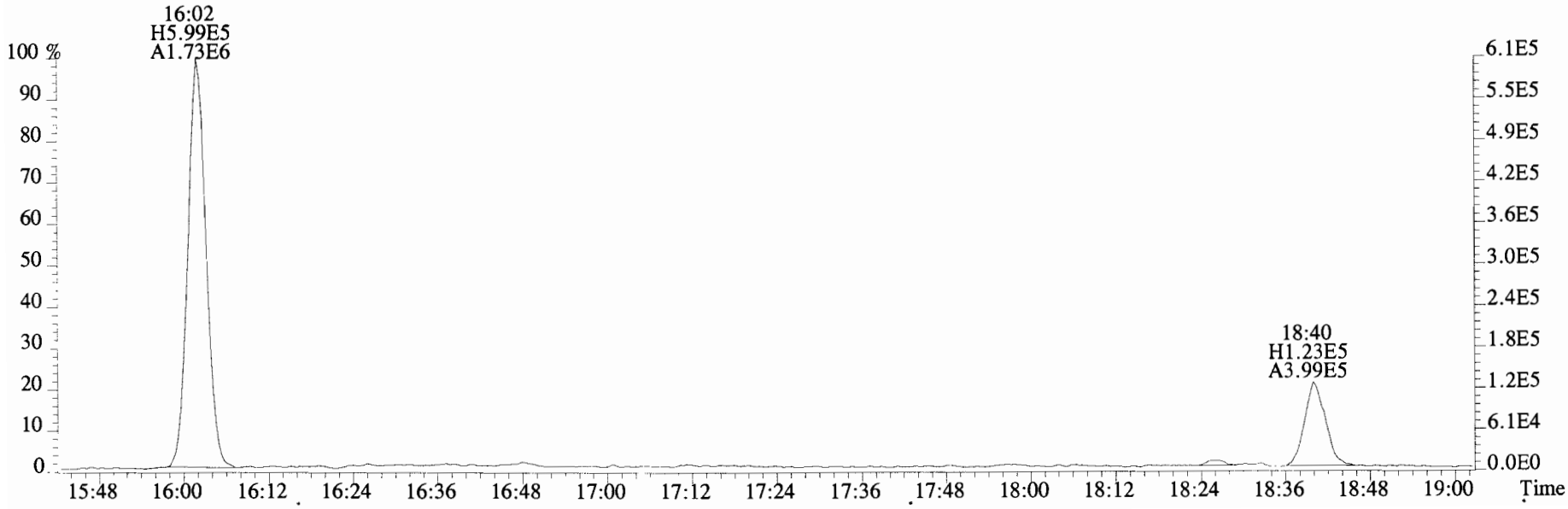
180.9880 S:10



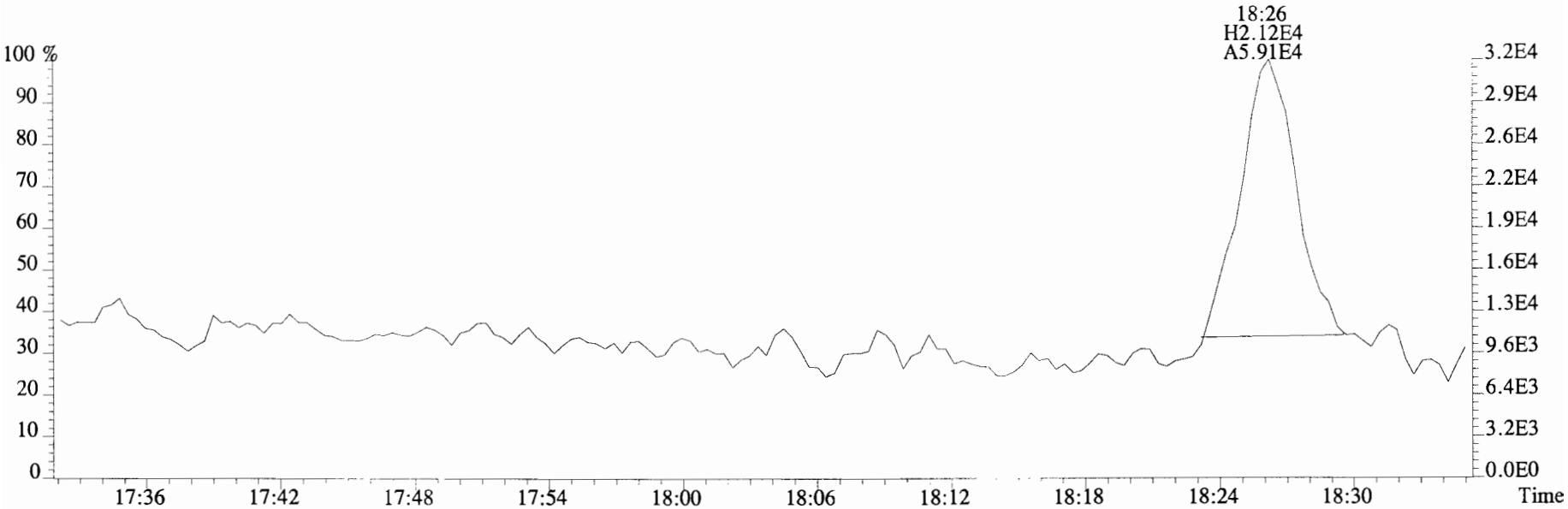
File:180315E1 #1-867 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
188.0393 S:10 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13152.0,0.00%,F,F)



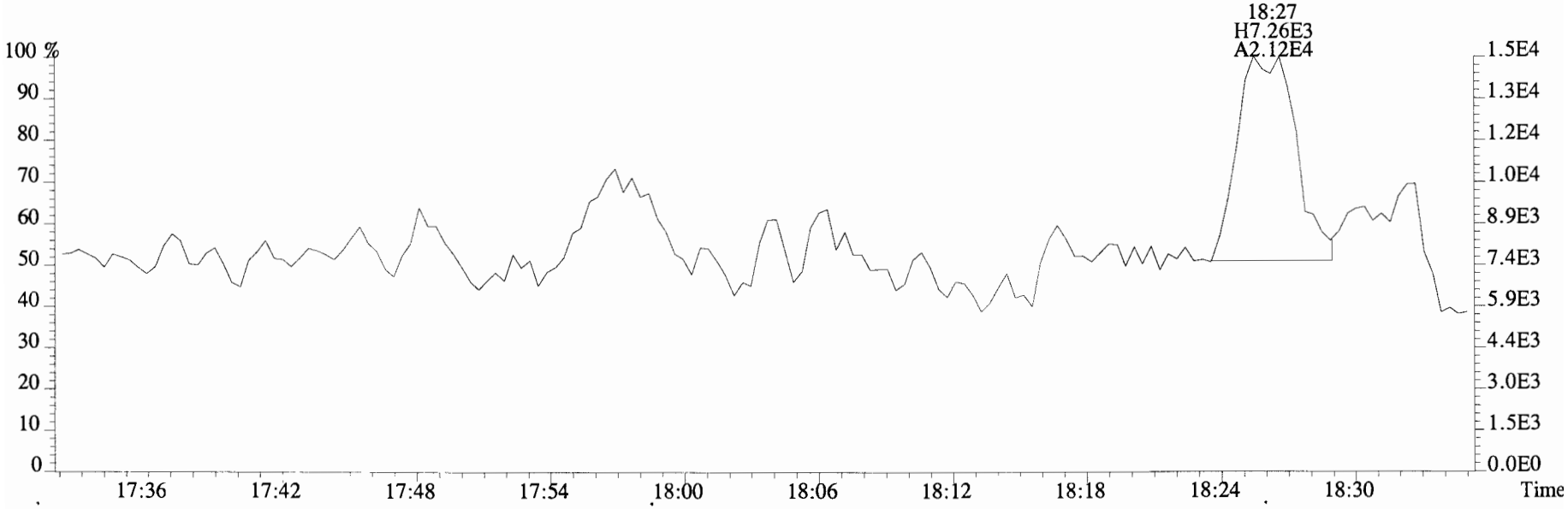
190.0363 S:10 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9924.0,0.00%,F,F)



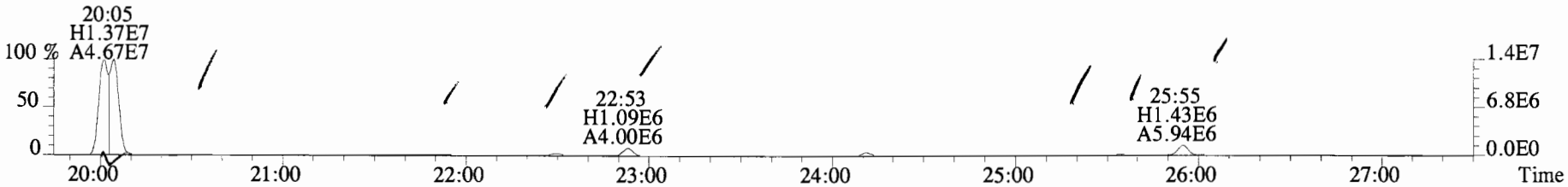
File:180315E1 #1-867 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
188.0393 S:10 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13152.0,0.00%,F,F)



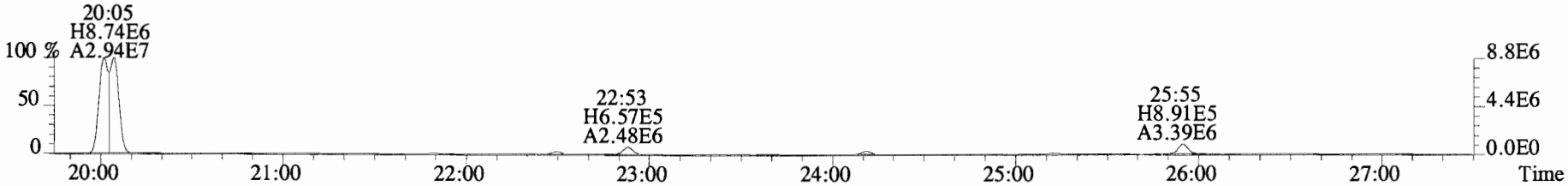
190.0363 S:10 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9924.0,0.00%,F,F)



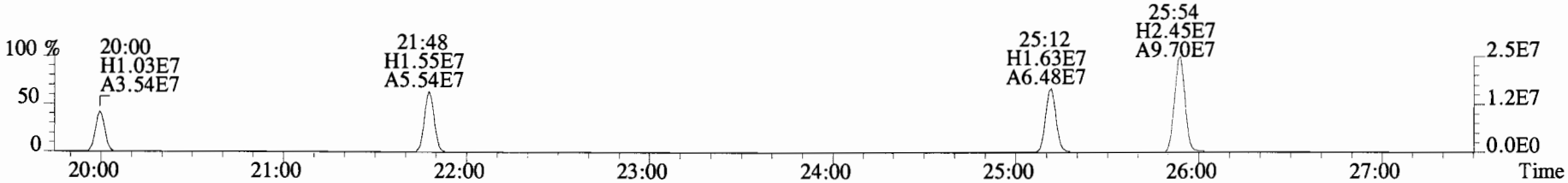
File:180315E1 #1-757 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
222.0003 S:10 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4192.0,0.00%,F,F)



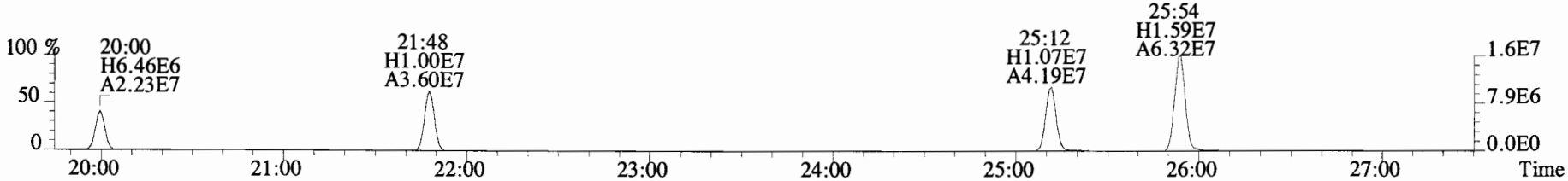
223.9974 S:10 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,66176.0,0.00%,F,F)



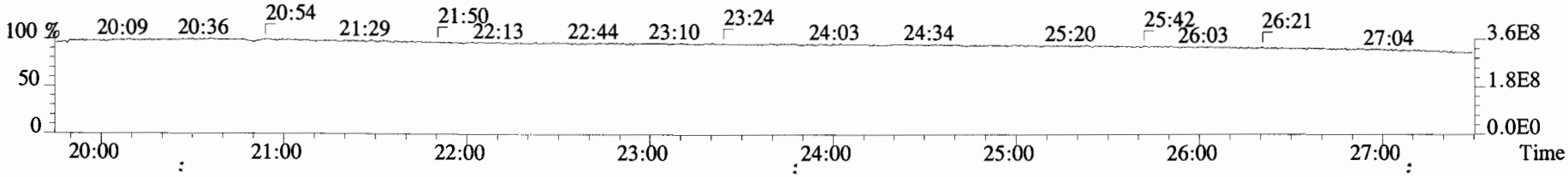
234.0406 S:10 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7192.0,0.00%,F,F)



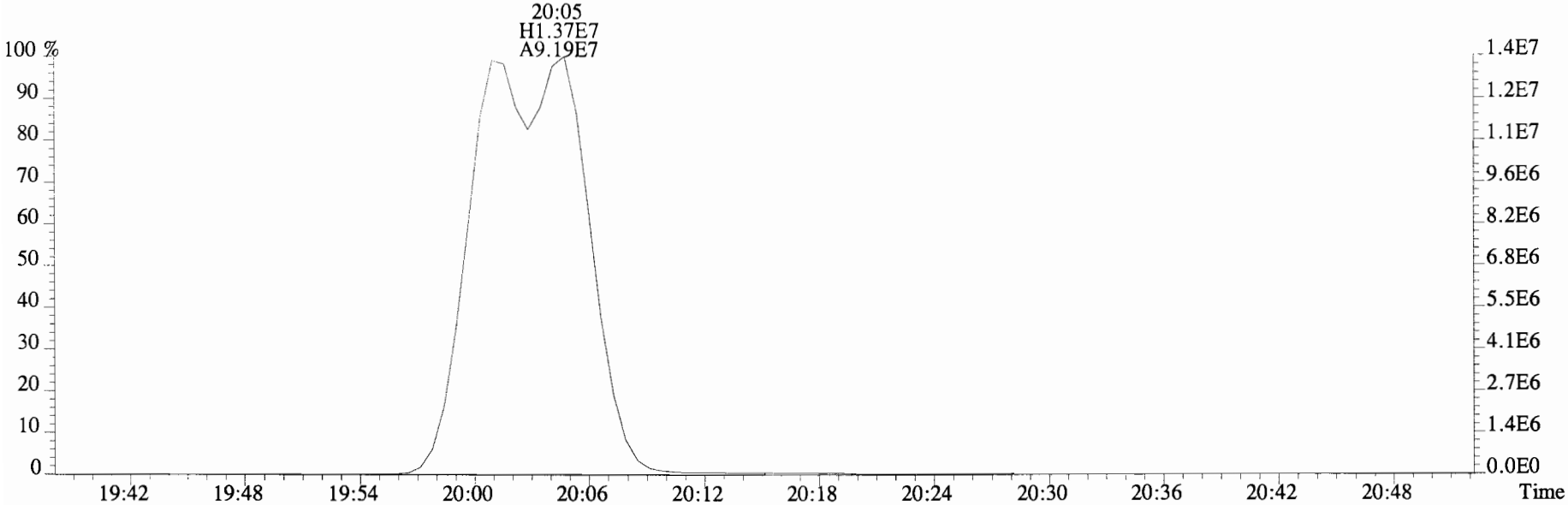
236.0376 S:10 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5132.0,0.00%,F,F)



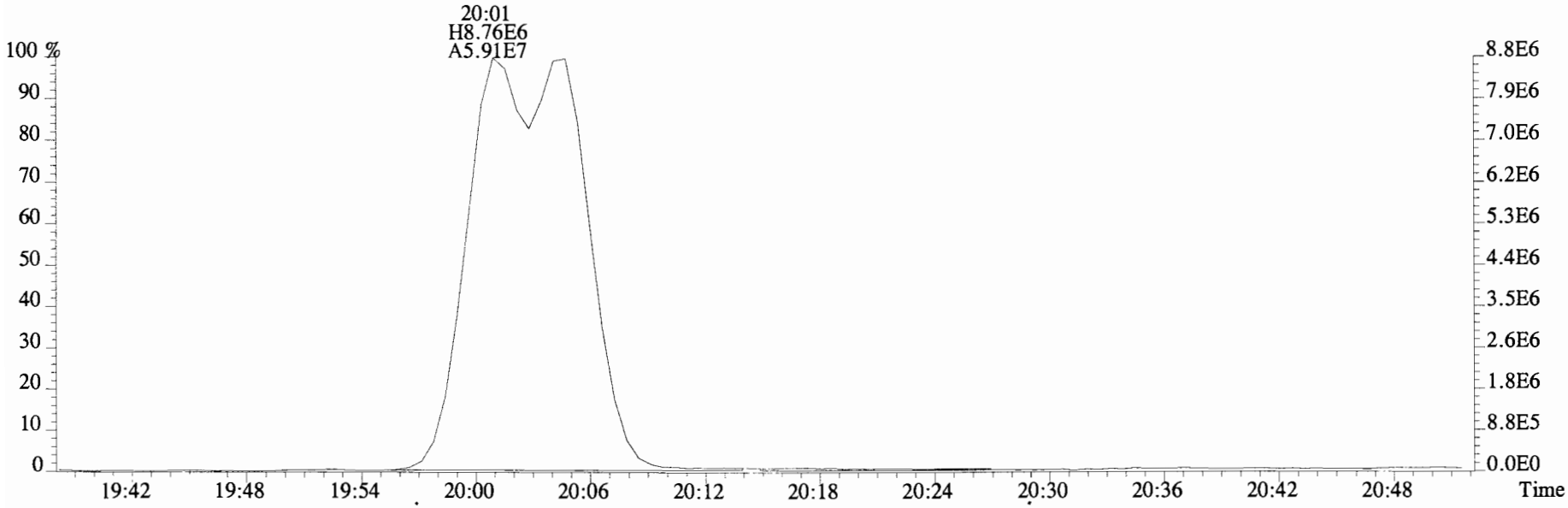
230.9856 S:10 F:2



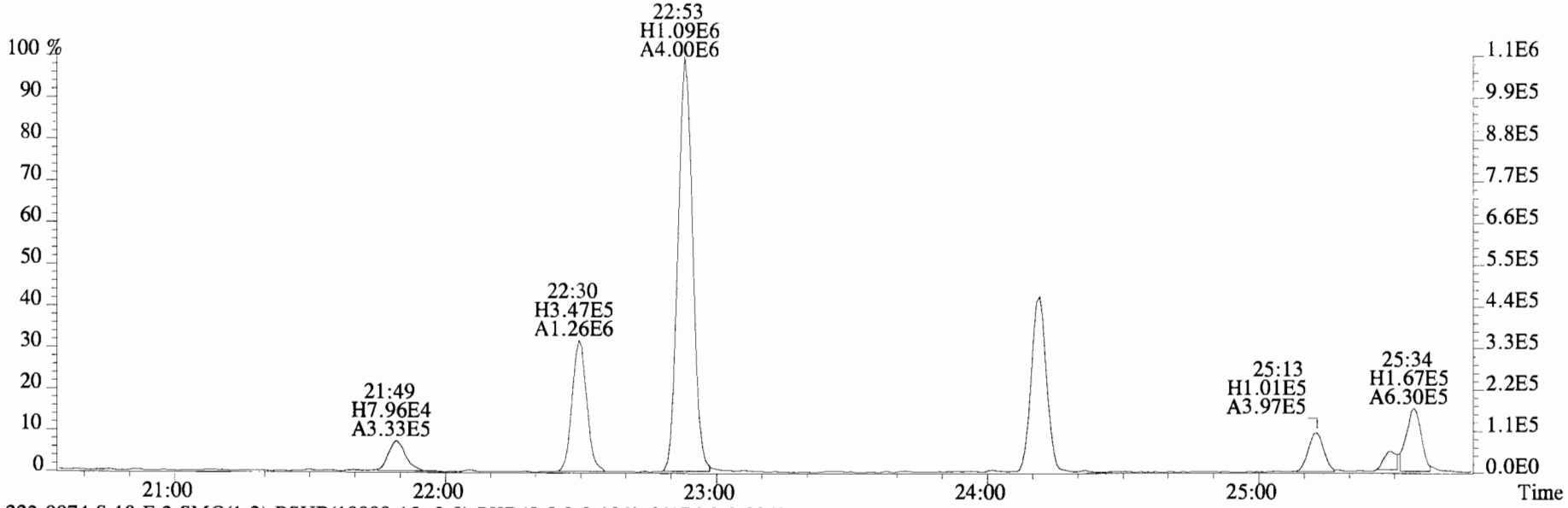
File:180315E1 #1-757 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
222.0003 S:10 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4192.0,0.00%,F,F)



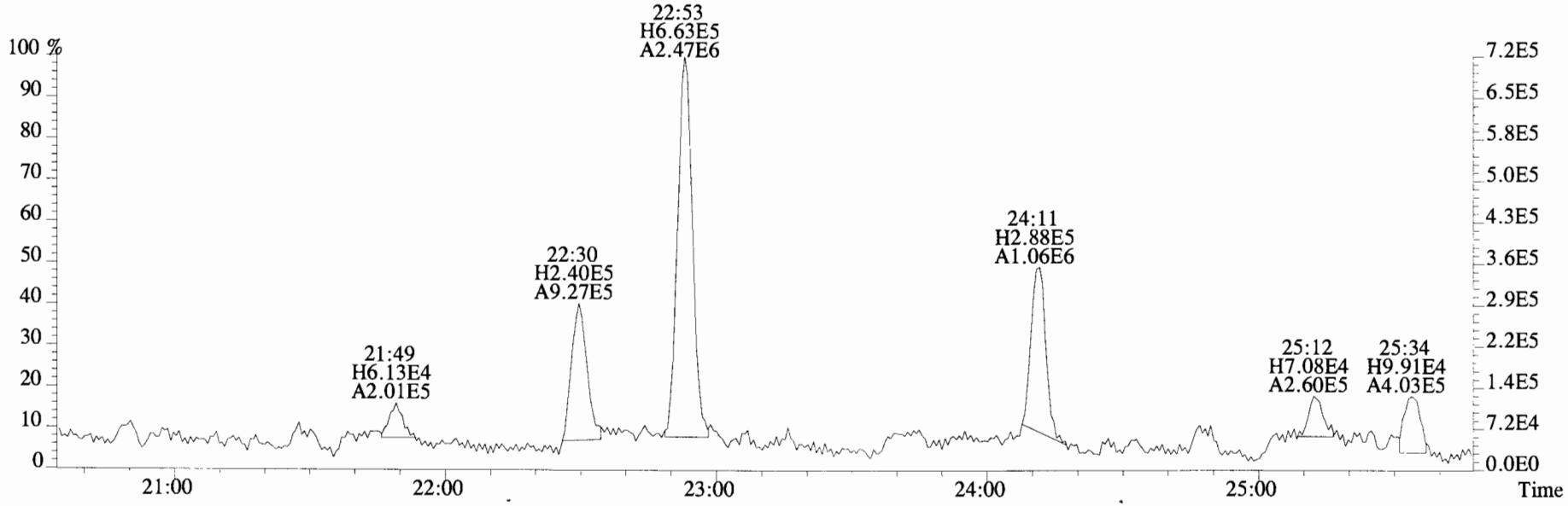
223.9974 S:10 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,66176.0,0.00%,F,F)



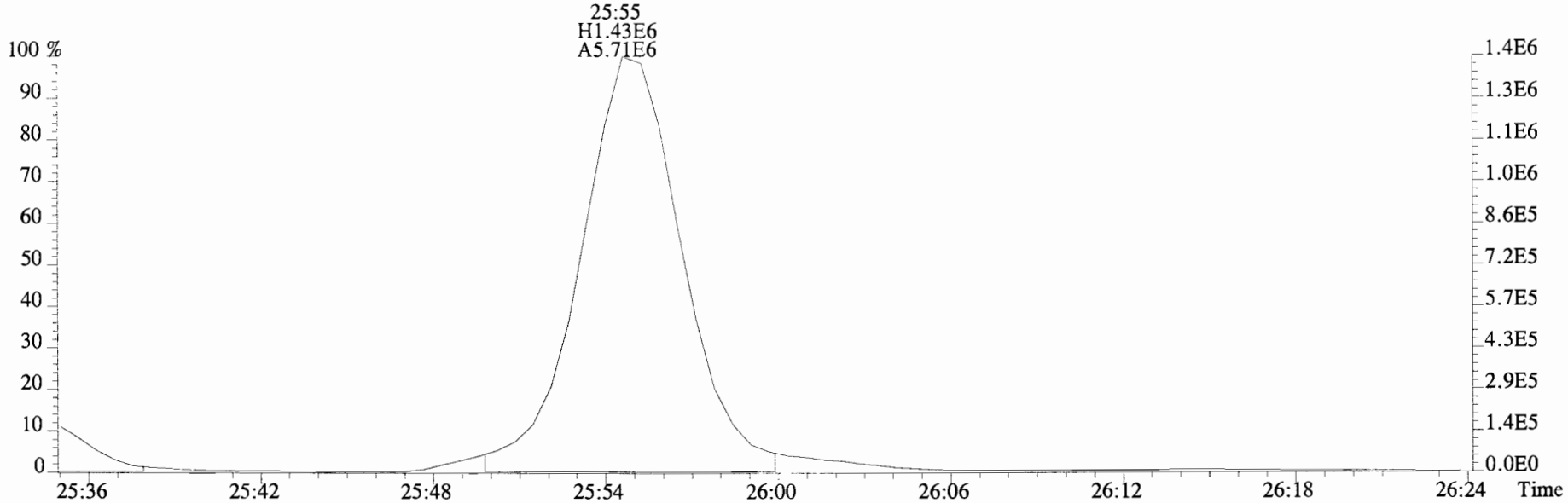
File:180315E1 #1-757 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
222.0003 S:10 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4192.0,0.00%,F,F)



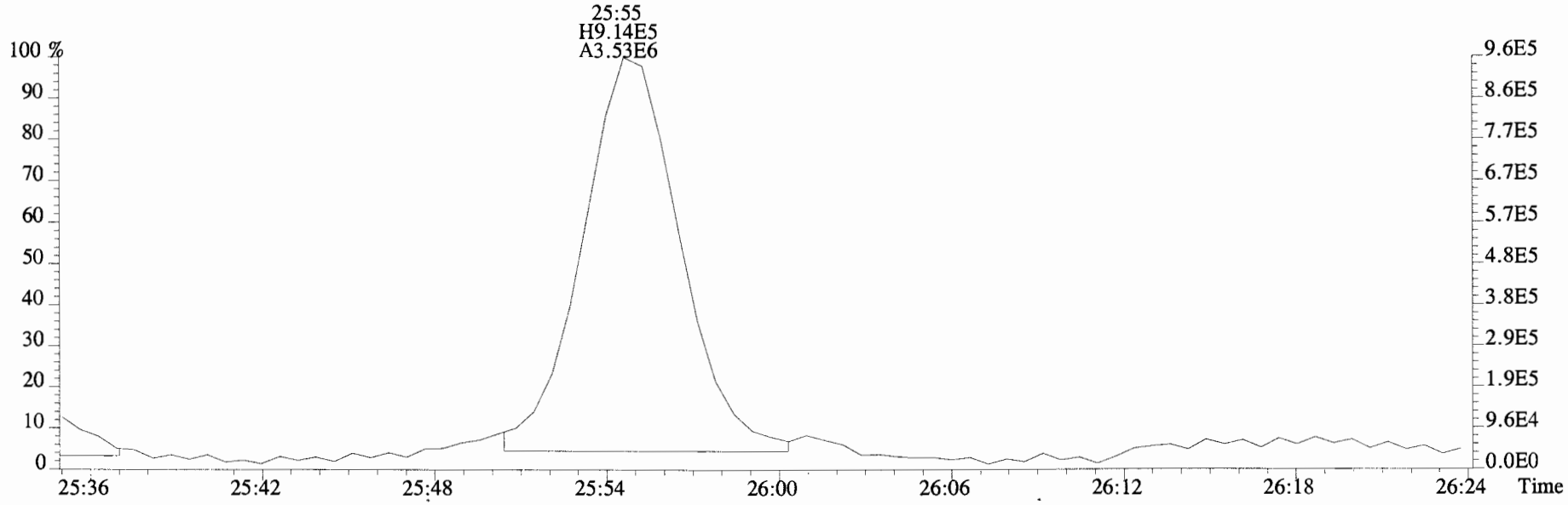
223.9974 S:10 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,66176.0,0.00%,F,F)



File:180315E1 #1-757 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
222.0003 S:10 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4192.0,0.00%,F,F)

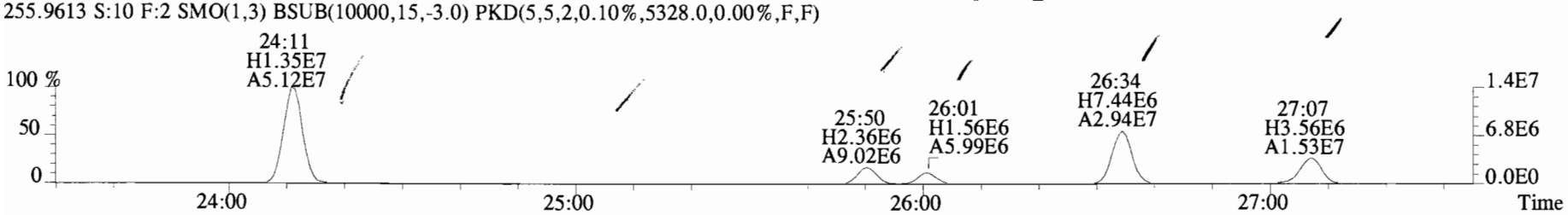


223.9974 S:10 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,66176.0,0.00%,F,F)

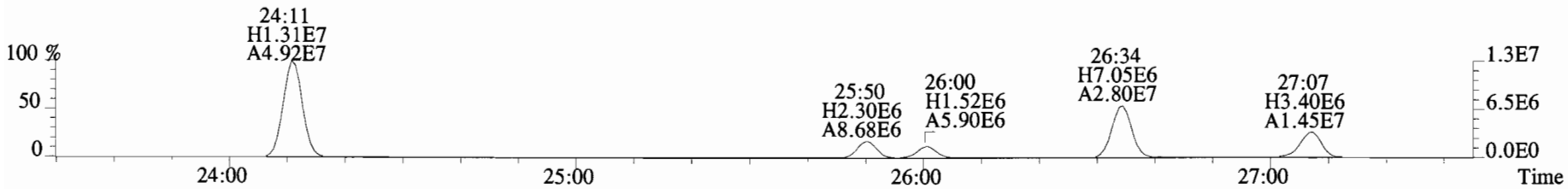


File:180315E1 #1-757 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1

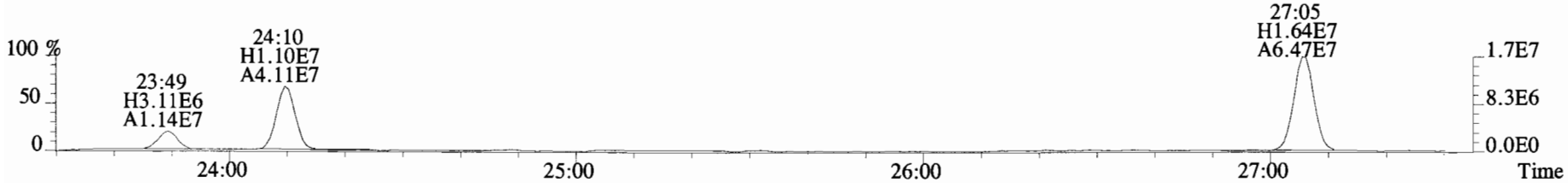
255.9613 S:10 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5328.0,0.00%,F,F)



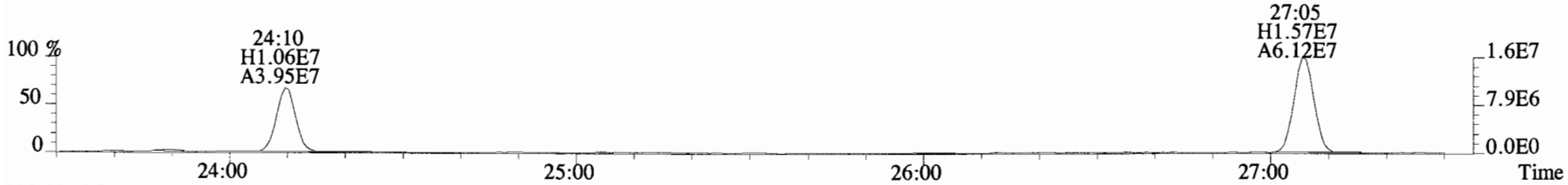
257.9584 S:10 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3936.0,0.00%,F,F)



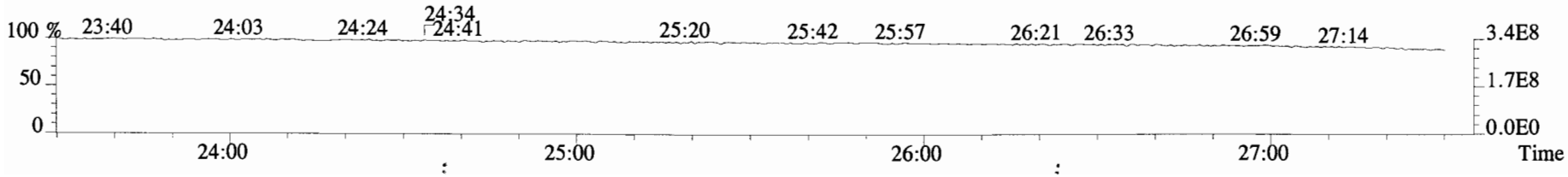
268.0016 S:10 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,311016.0,0.00%,F,F)



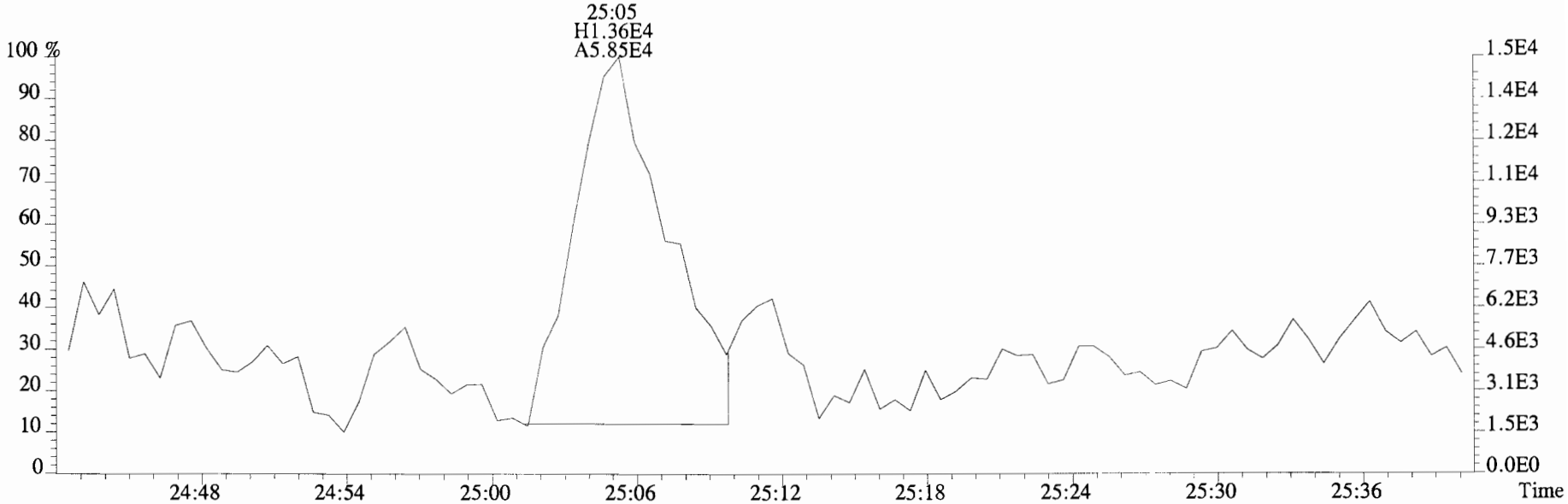
269.9986 S:10 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,179296.0,0.00%,F,F)



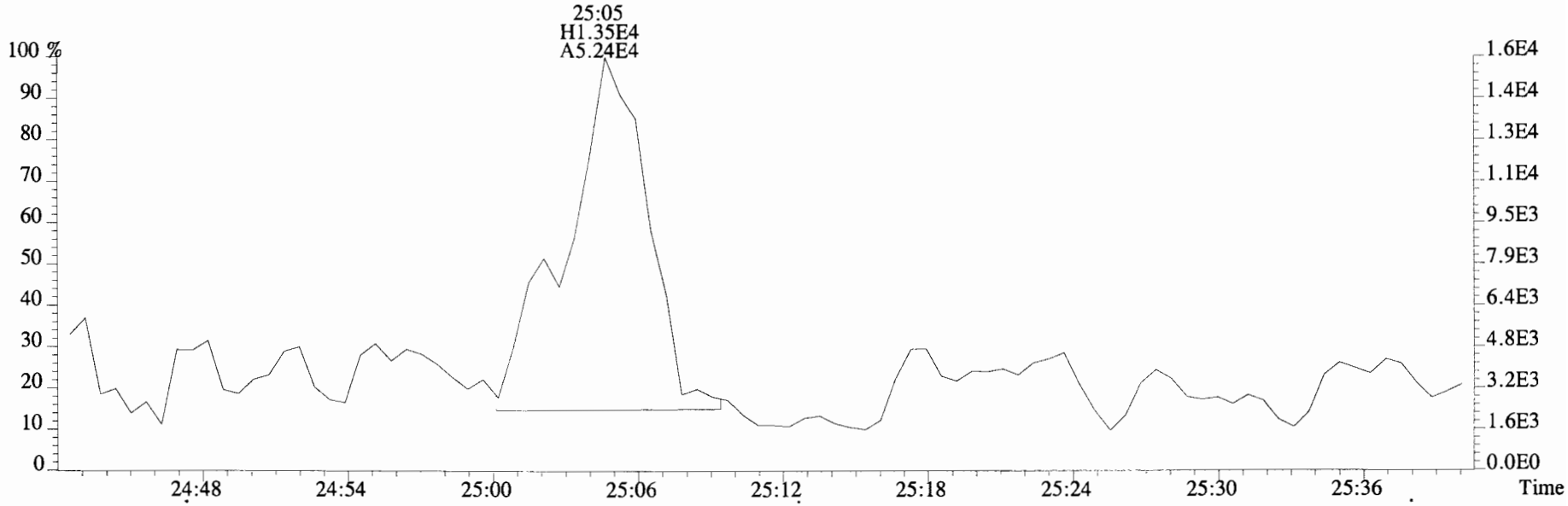
230.9856 S:10 F:2



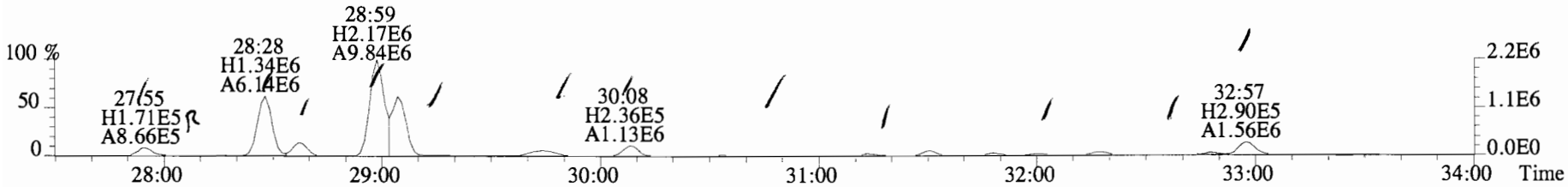
File:180315E1 #1-757 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
255.9613 S:10 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5328.0,0.00%,F,F)



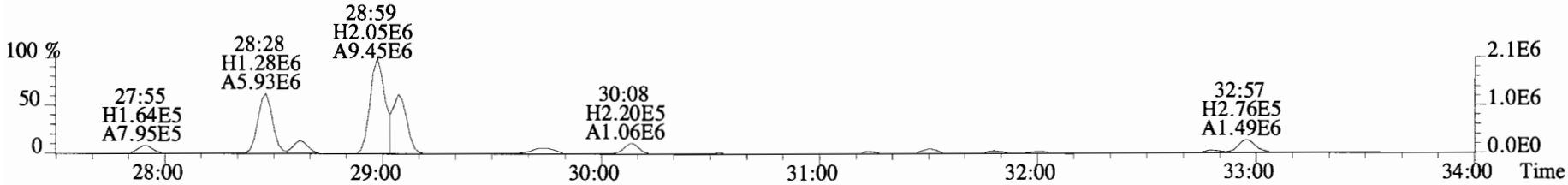
257.9584 S:10 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3936.0,0.00%,F,F)



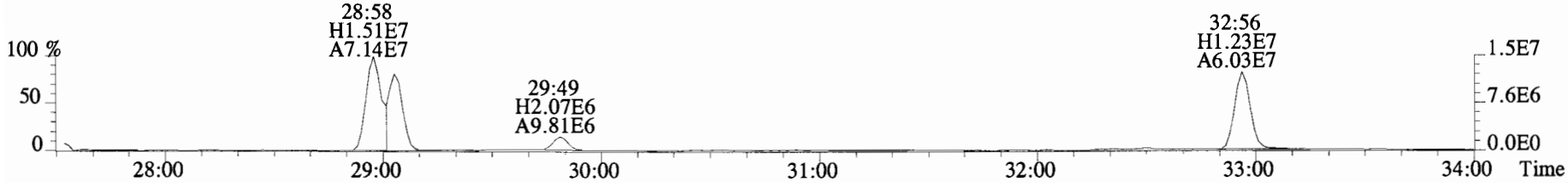
File:180315E1 #1-756 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
255.9613 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4308.0,0.00%,F,F)



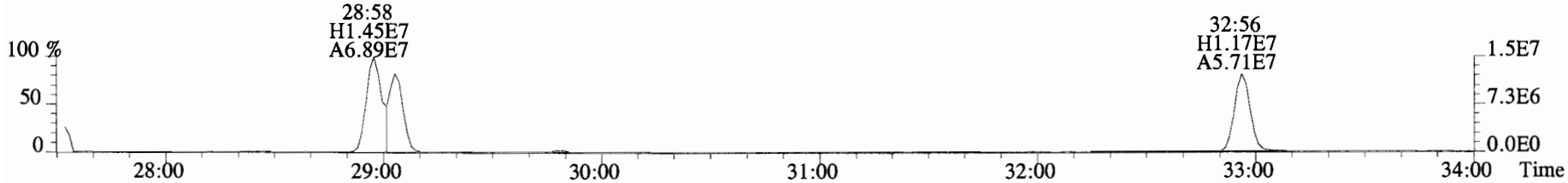
257.9584 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2880.0,0.00%,F,F)



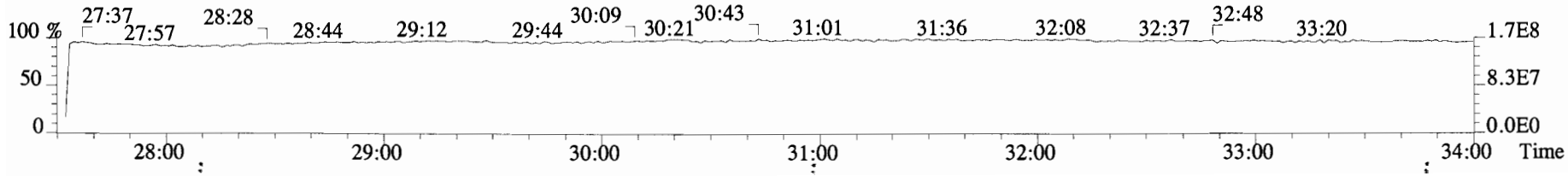
268.0016 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,205496.0,0.00%,F,F)



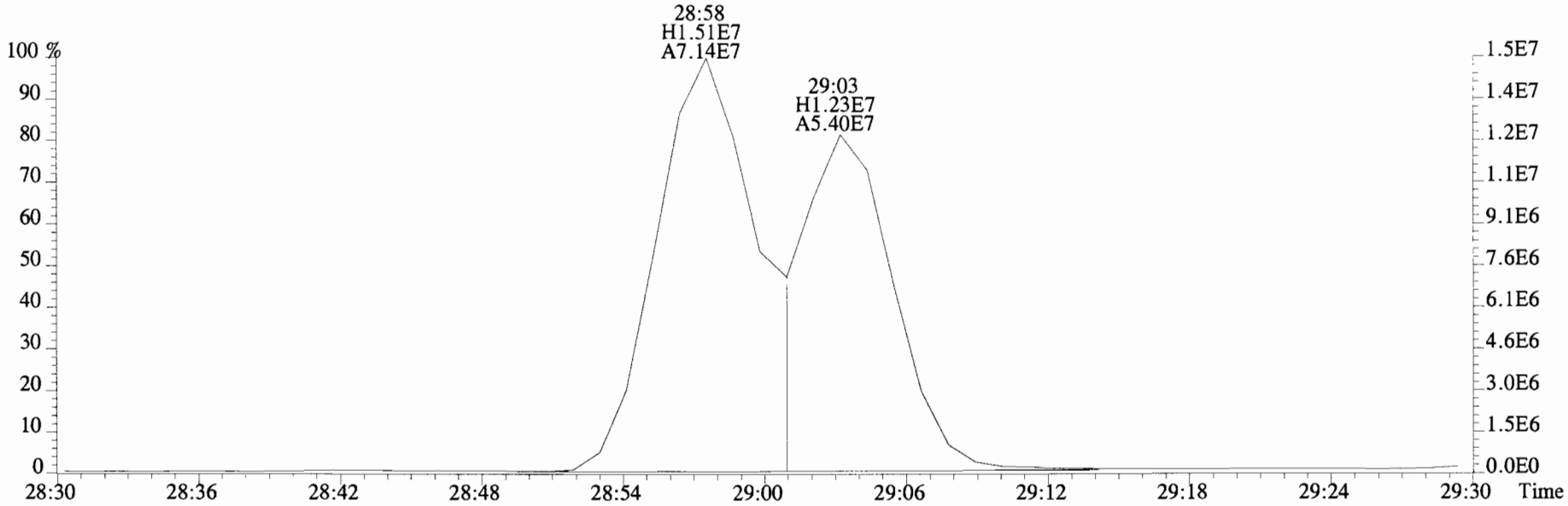
269.9986 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,86324.0,0.00%,F,F)



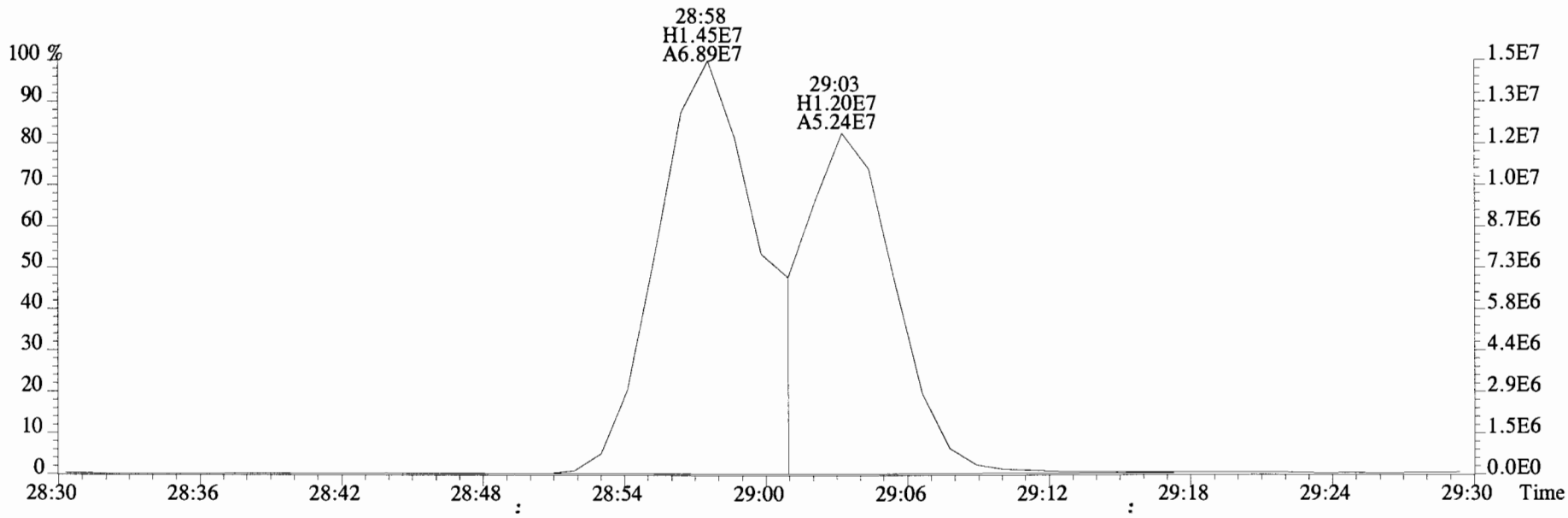
330.9792 S:10 F:3



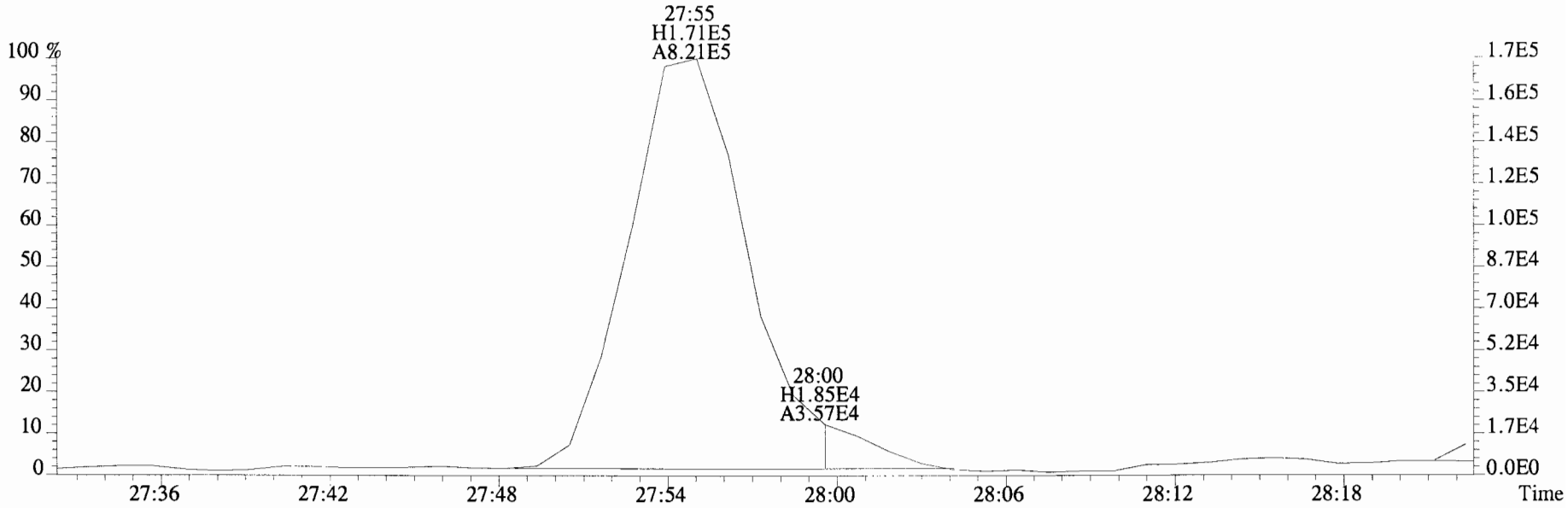
File:180315E1 #1-756 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
268.0016 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,205496.0,0.00%,F,F)



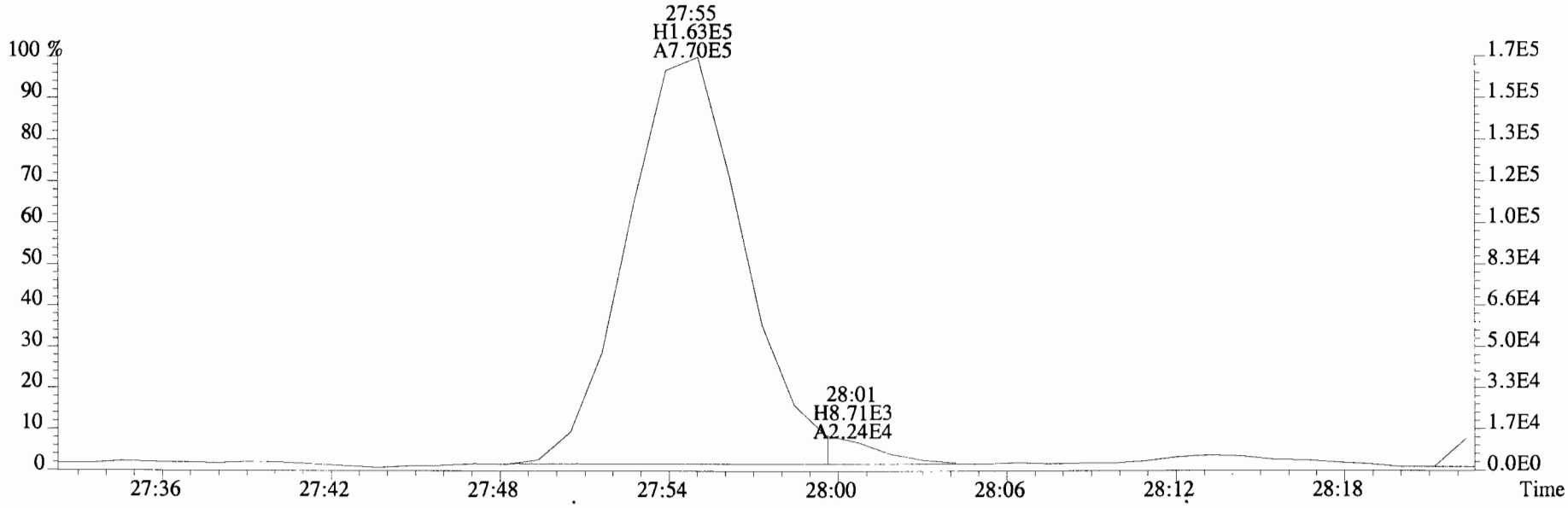
269.9986 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,86324.0,0.00%,F,F)



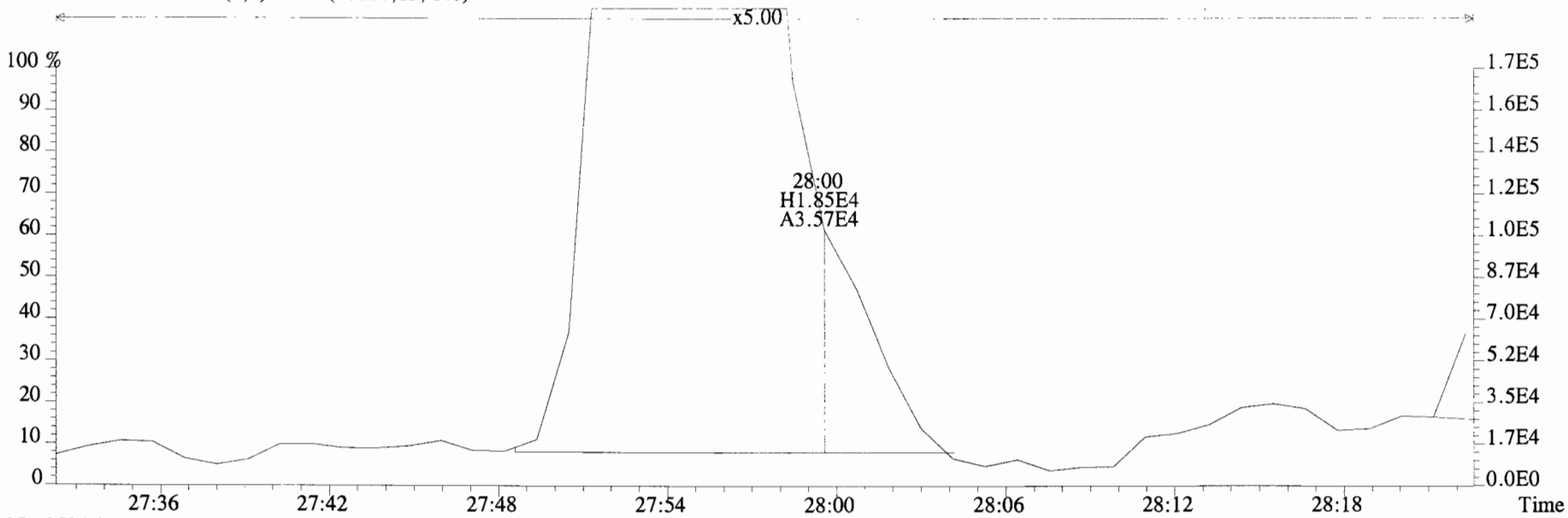
File:180315E1 #1-756 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
255.9613 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0)



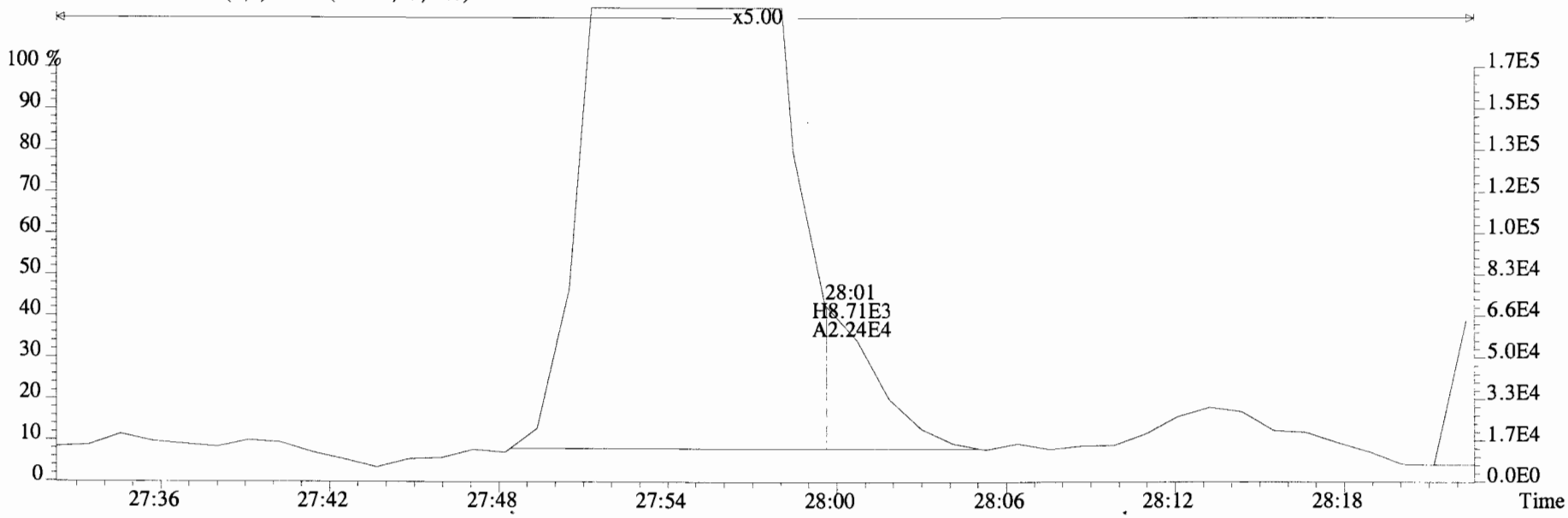
257.9584 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0)



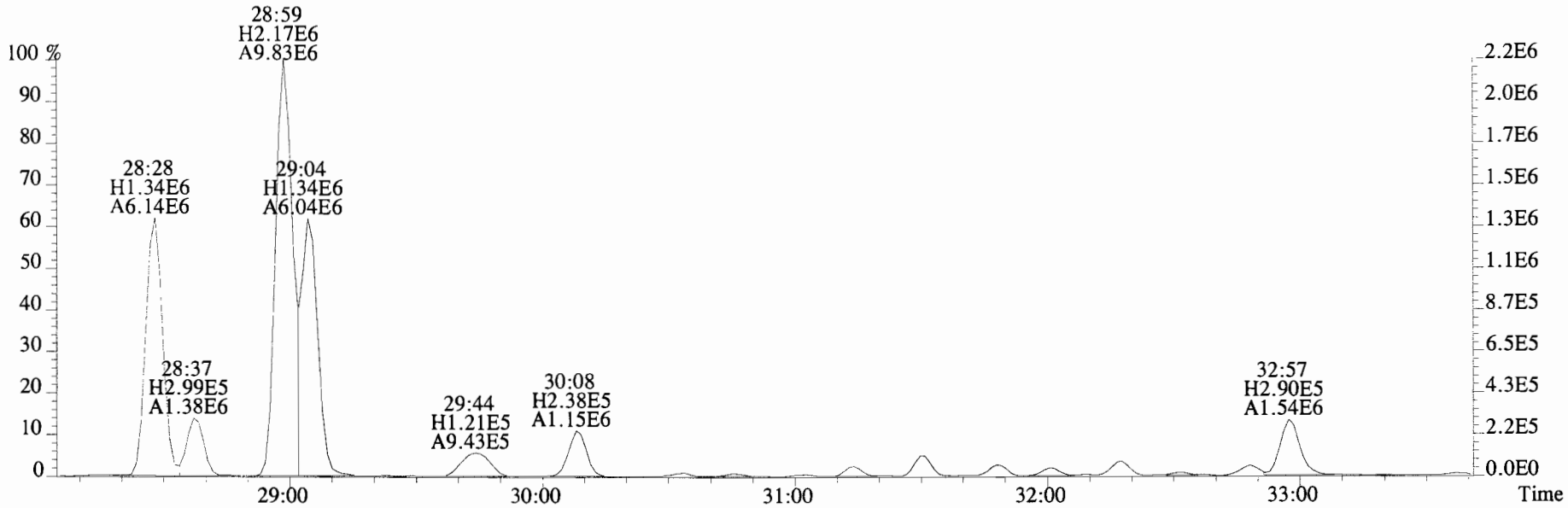
File:180315E1 #1-756 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
255.9613 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0)



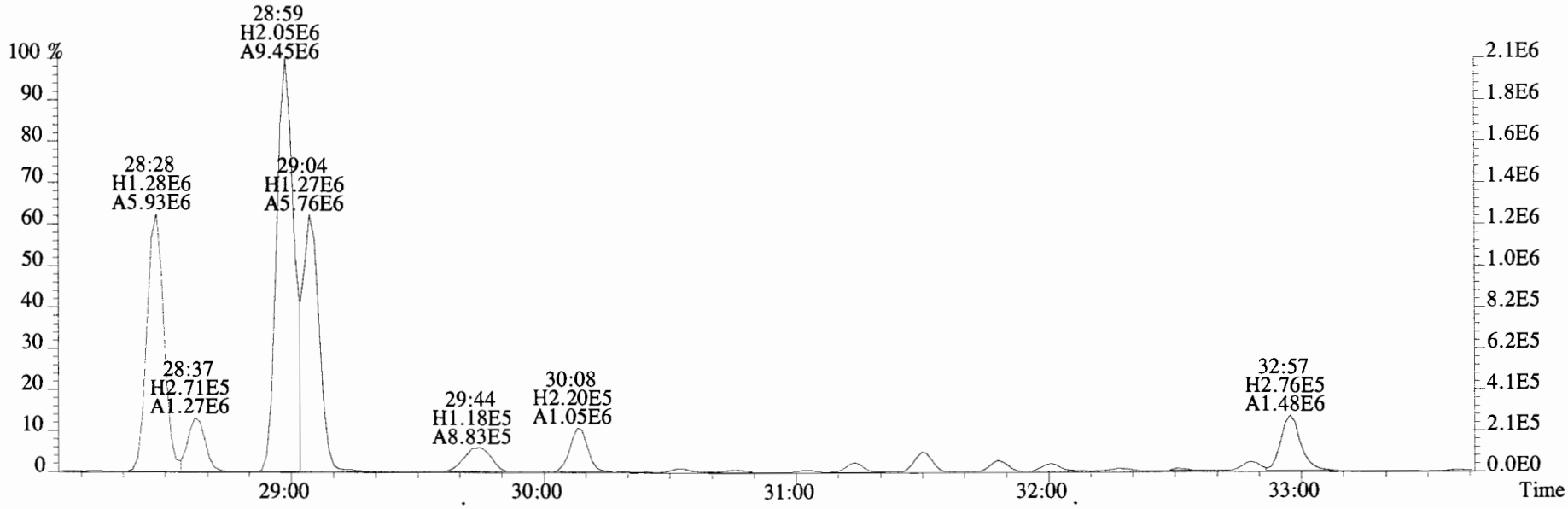
257.9584 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0)



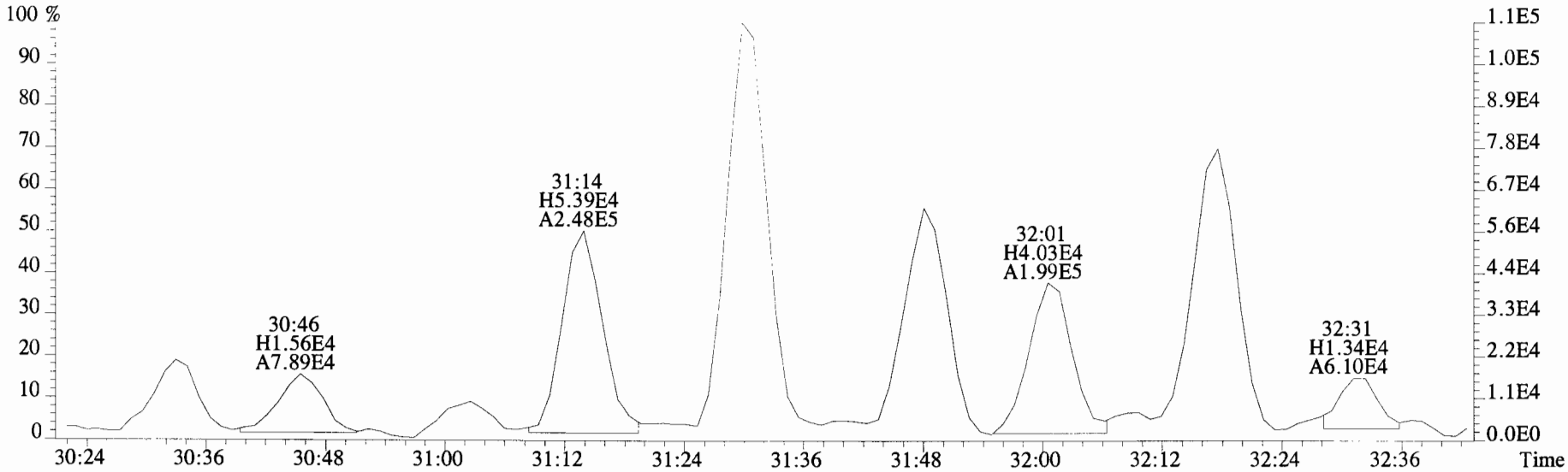
File:180315E1 #1-756 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
255.9613 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0)



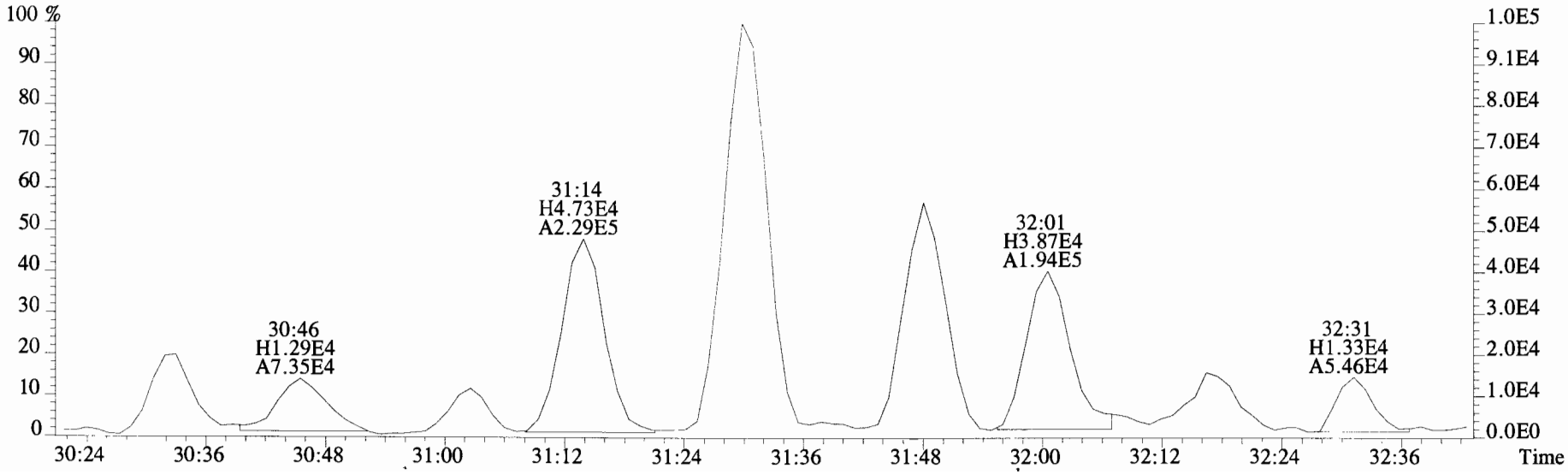
257.9584 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0)



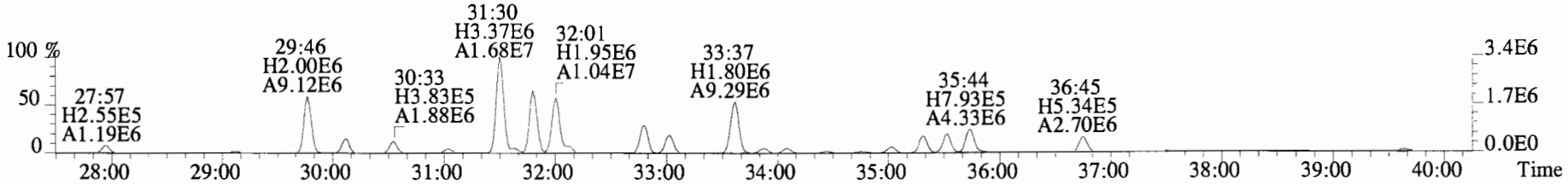
File:180315E1 #1-756 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
255.9613 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0)



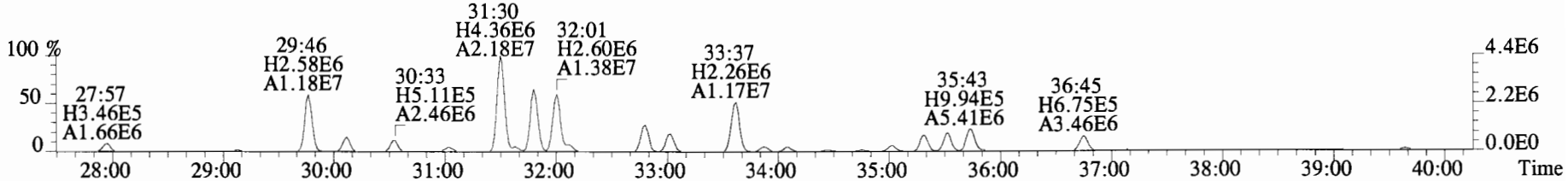
257.9584 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0)



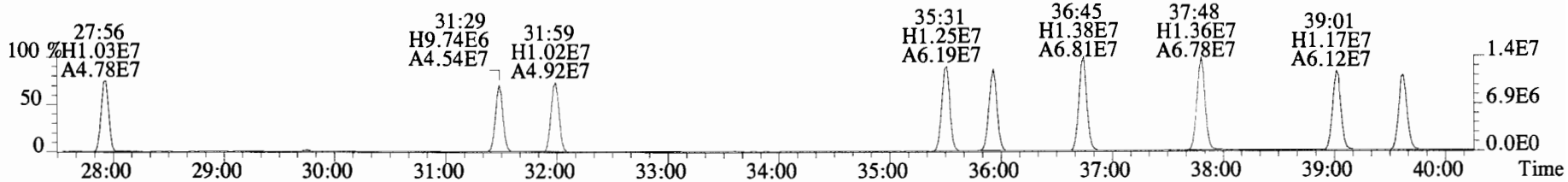
File:180315E1 #1-756 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
289.9224 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3048.0,0.00%,F,F)



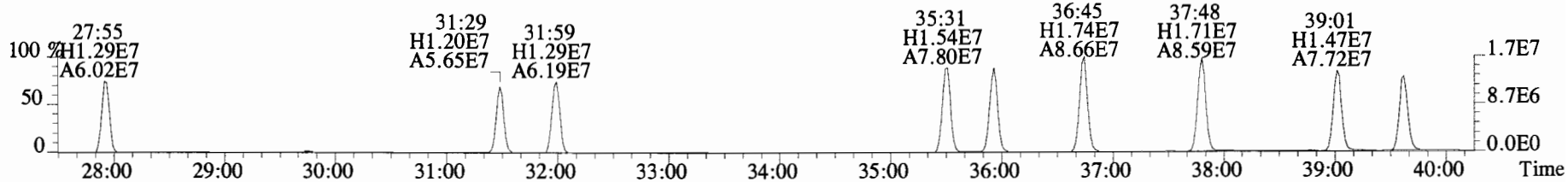
291.9194 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2804.0,0.00%,F,F)



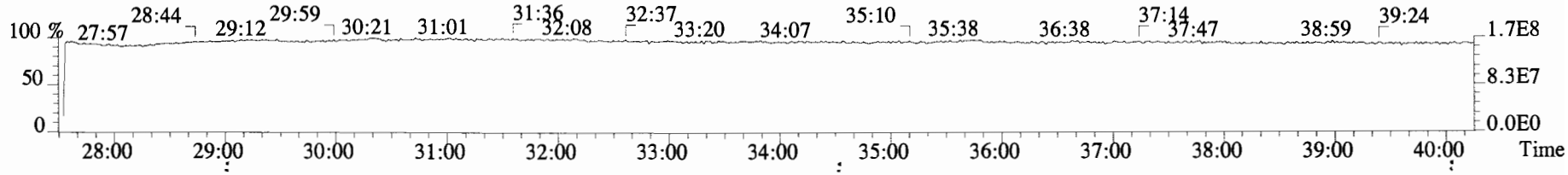
301.9626 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,96280.0,0.00%,F,F)



303.9597 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,40388.0,0.00%,F,F)

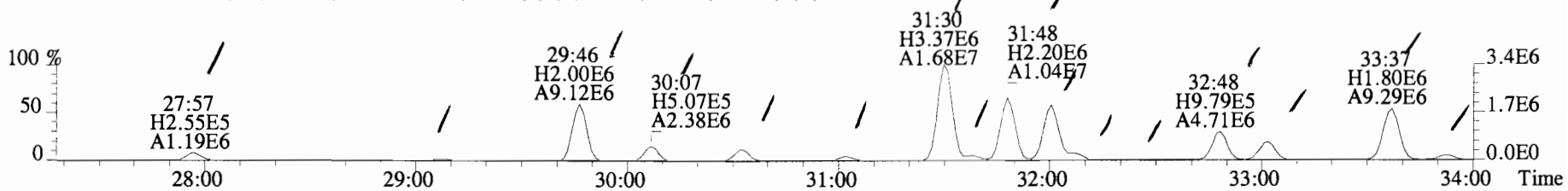


330.9792 S:10 F:3

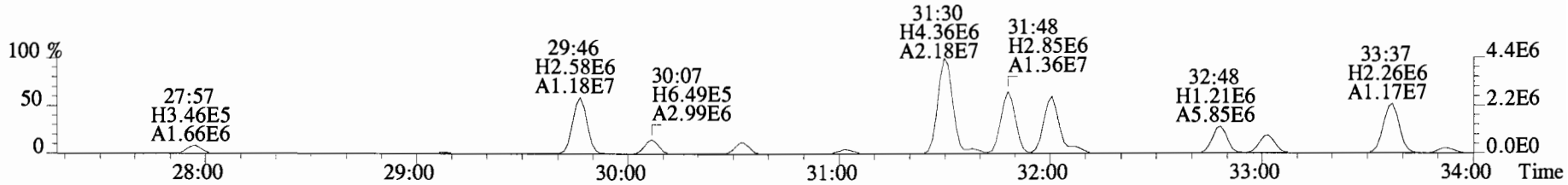


File:180315E1 #1-756 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1

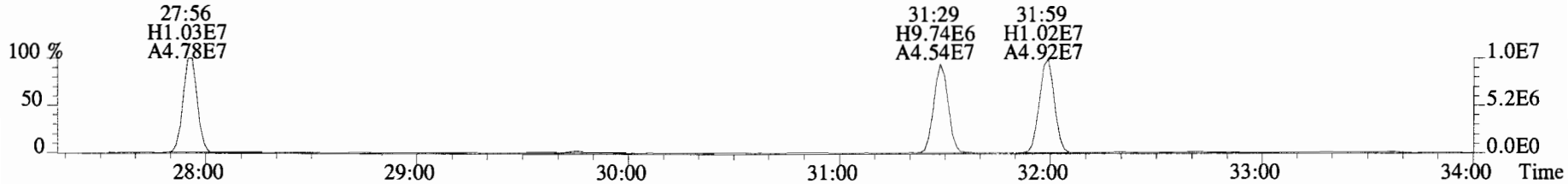
289.9224 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3048.0,0.00%,F,F)



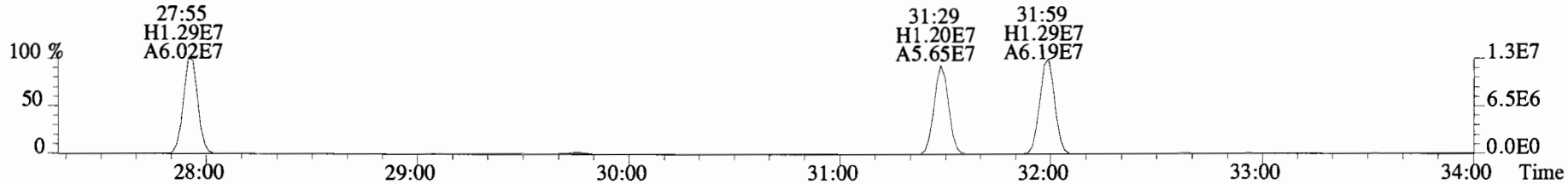
291.9194 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2804.0,0.00%,F,F)



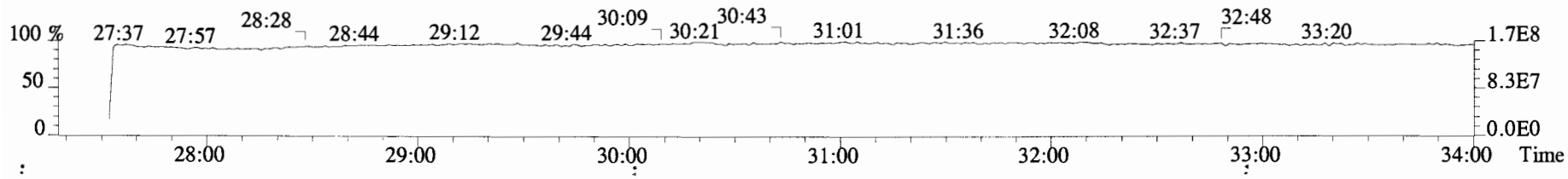
301.9626 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,96280.0,0.00%,F,F)



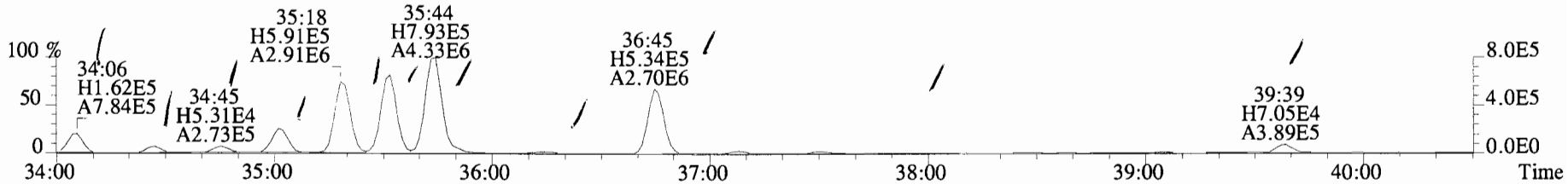
303.9597 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,40388.0,0.00%,F,F)



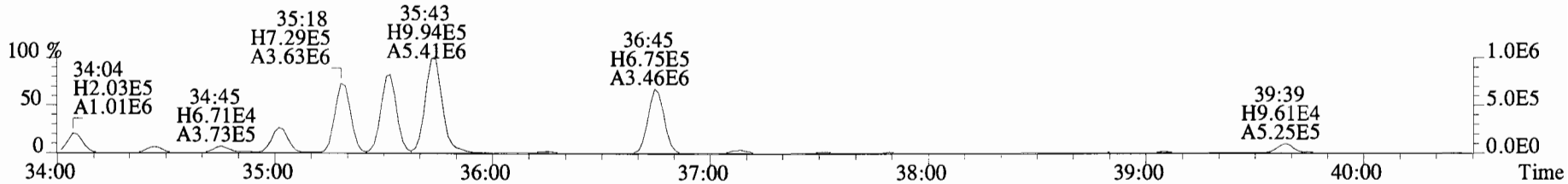
330.9792 S:10 F:3



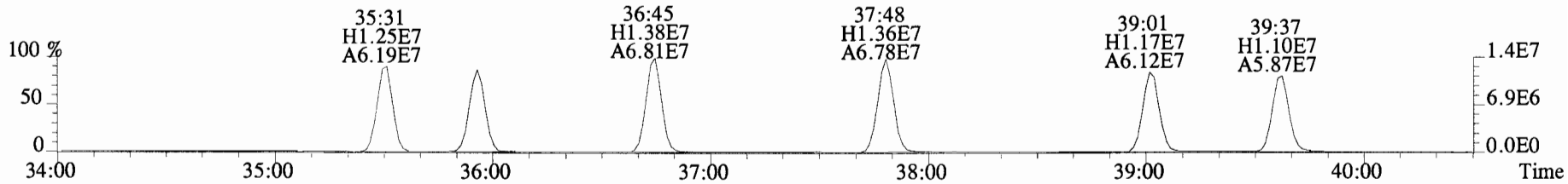
File:180315E1 #1-756 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
289.9224 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3048.0,0.00%,F,F)



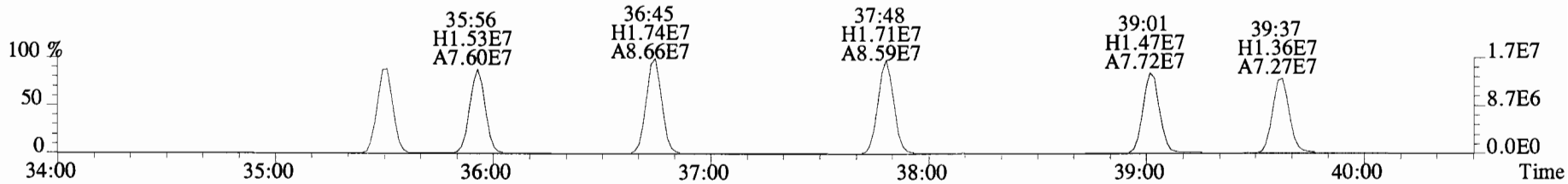
291.9194 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2804.0,0.00%,F,F)



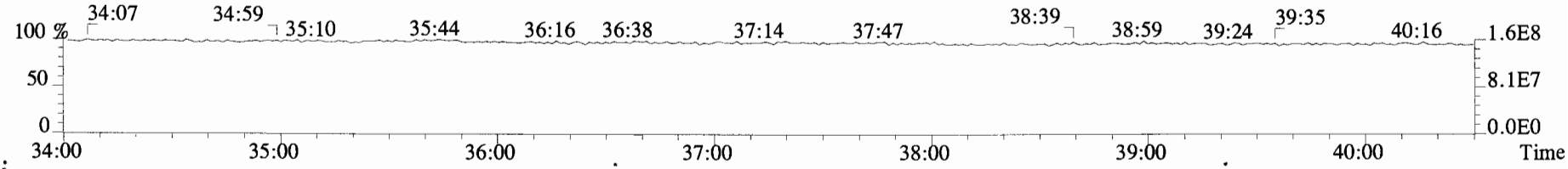
301.9626 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,96280.0,0.00%,F,F)



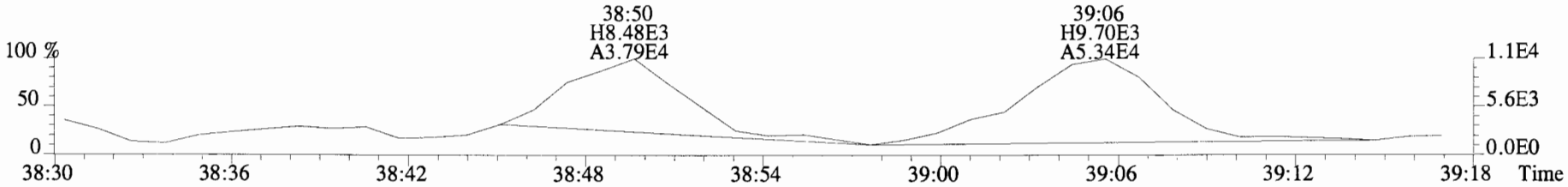
303.9597 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,40388.0,0.00%,F,F)



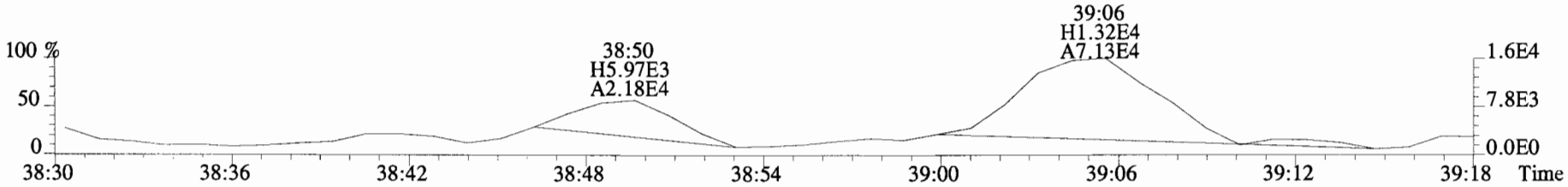
330.9792 S:10 F:3



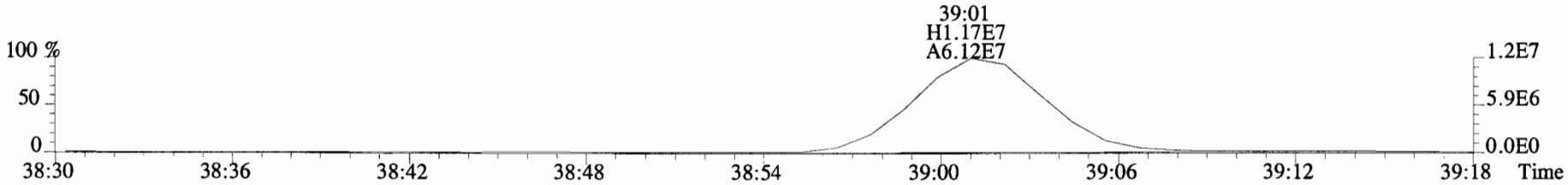
File:180315E1 #1-756 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
289.9224 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3048.0,0.00%,F,F)



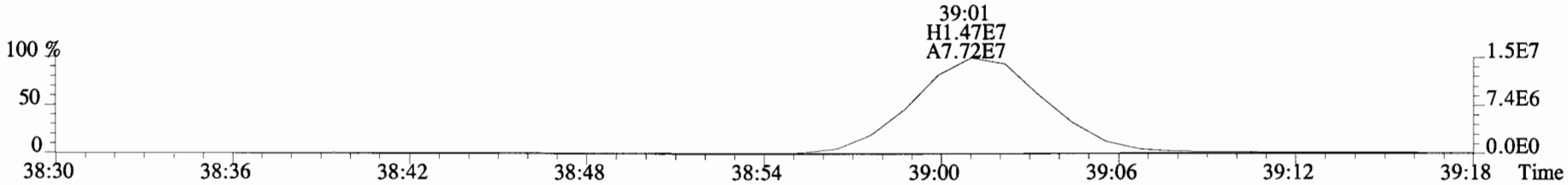
291.9194 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2804.0,0.00%,F,F)



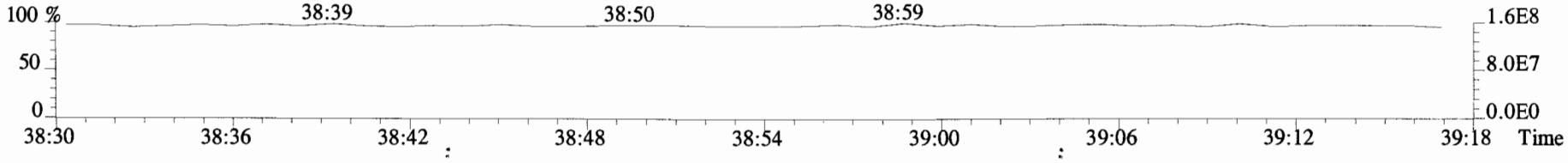
301.9626 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,96280.0,0.00%,F,F)



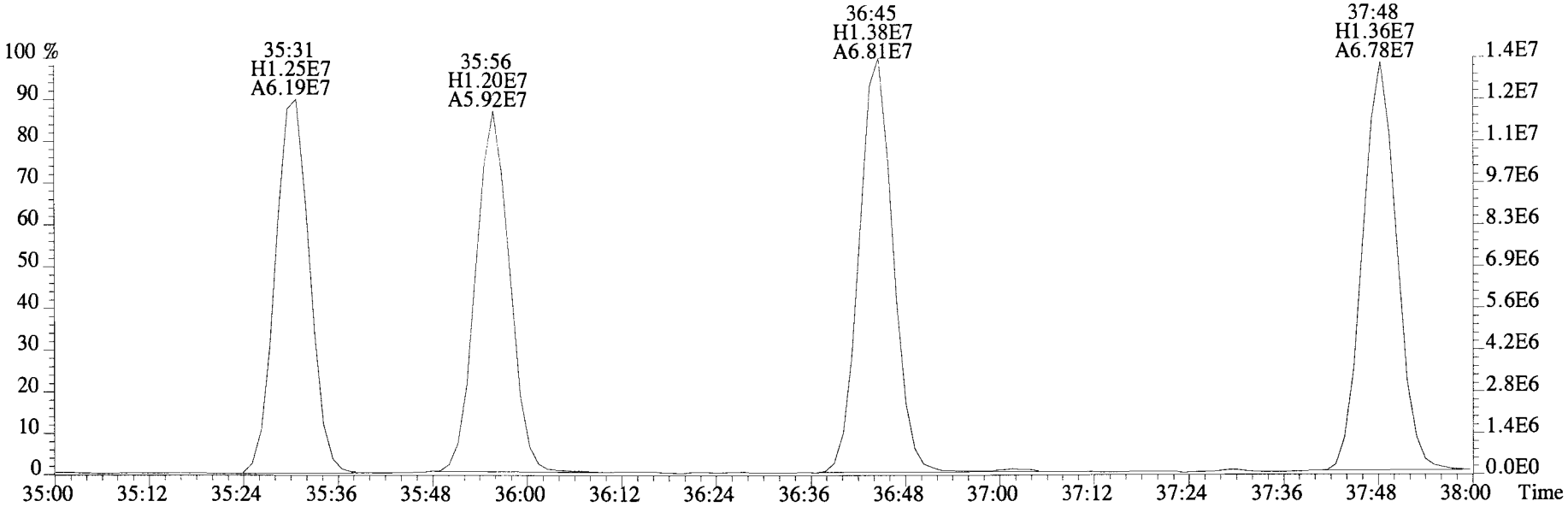
303.9597 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,40388.0,0.00%,F,F)



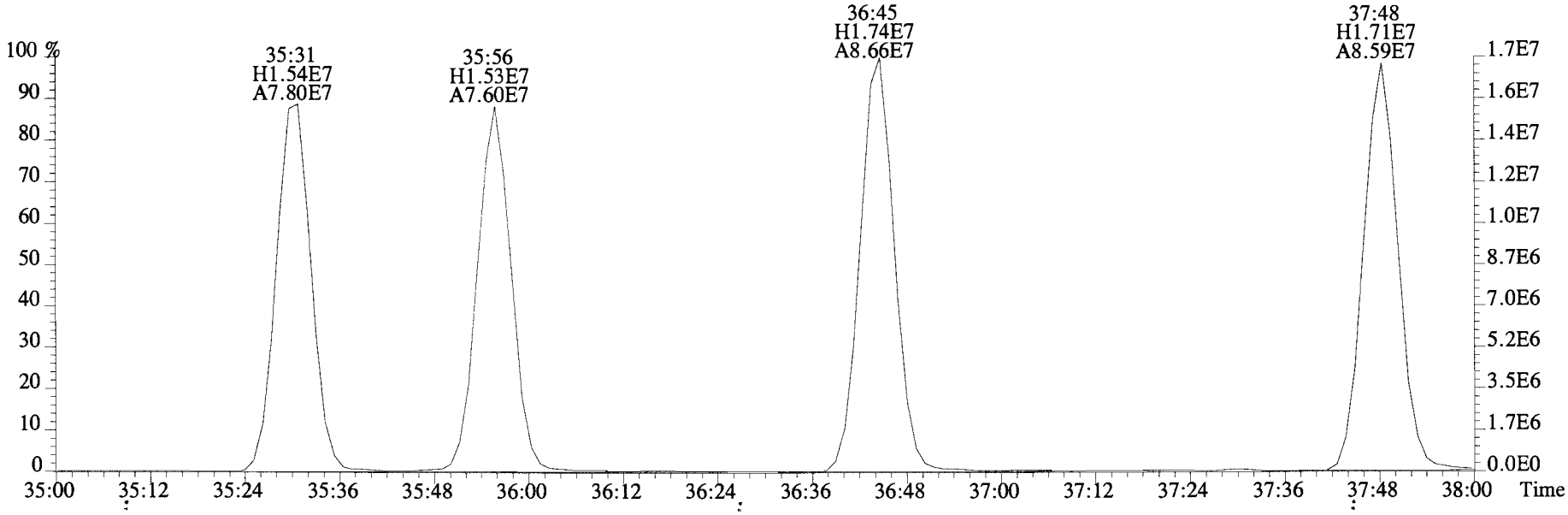
330.9792 S:10 F:3



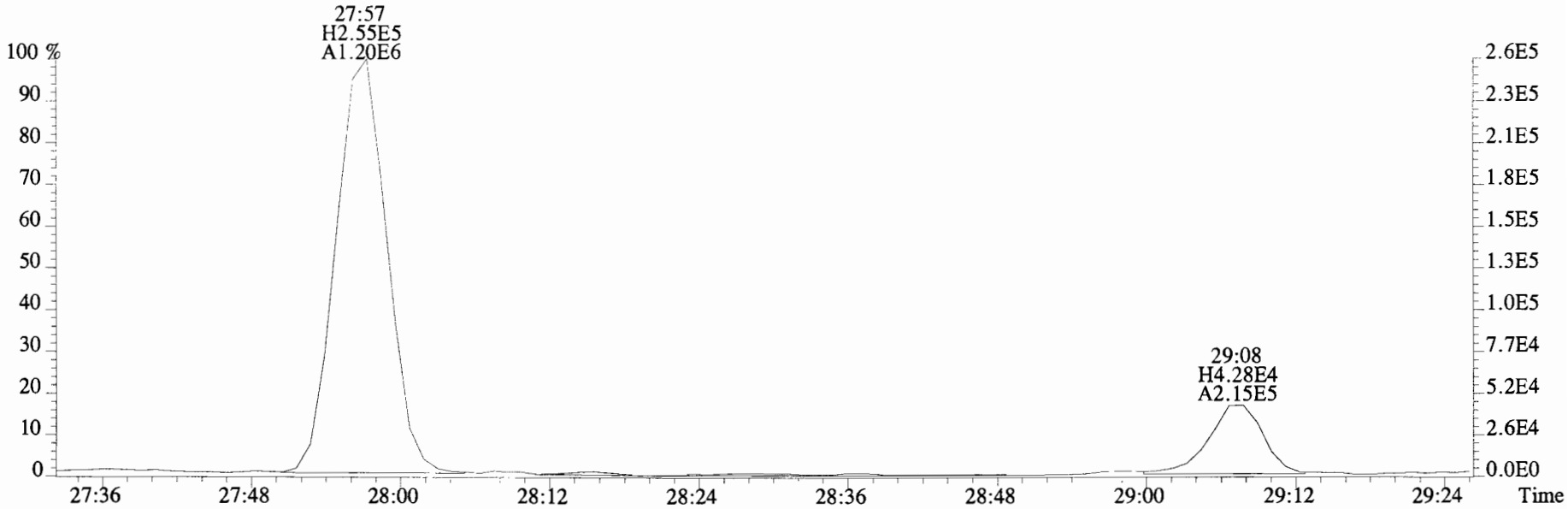
File:180315E1 #1-756 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
301.9626 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,96280.0,0.00%,F,F)



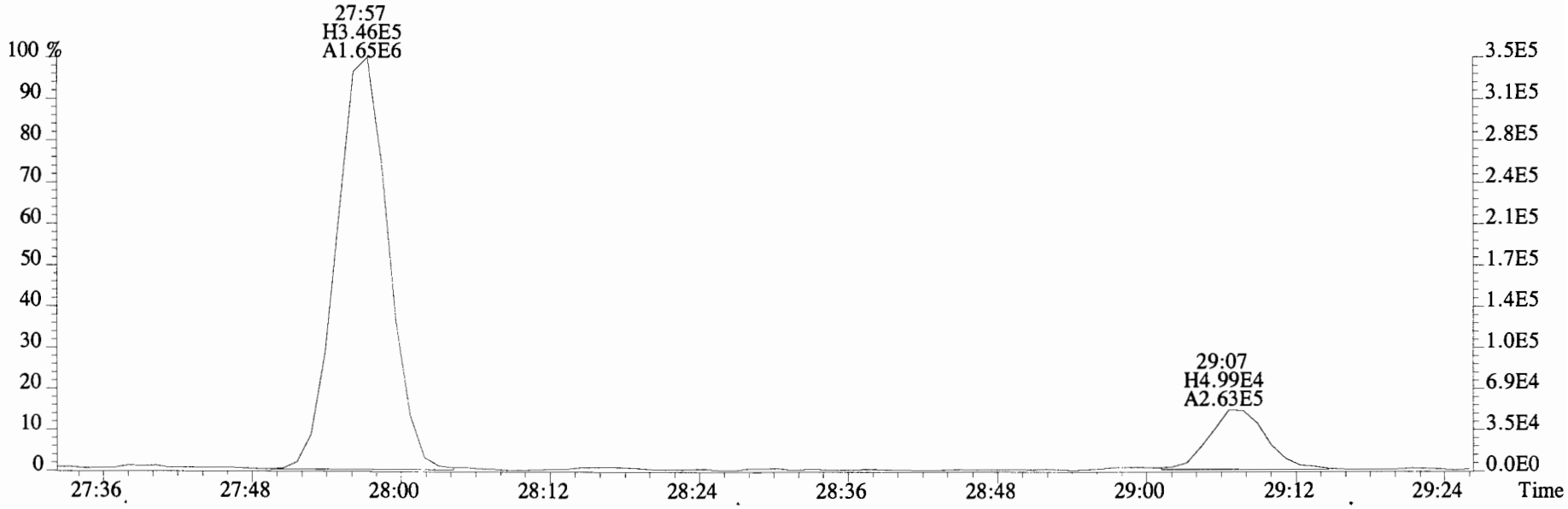
303.9597 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,40388.0,0.00%,F,F)



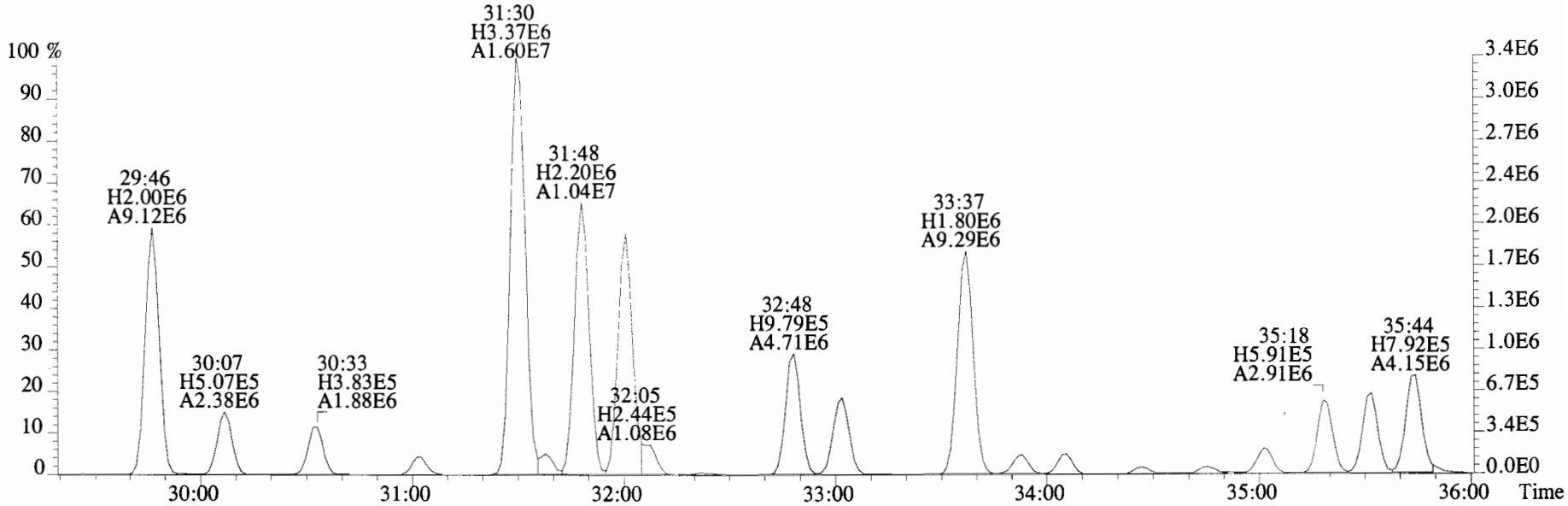
File:180315E1 #1-756 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
289.9224 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0)



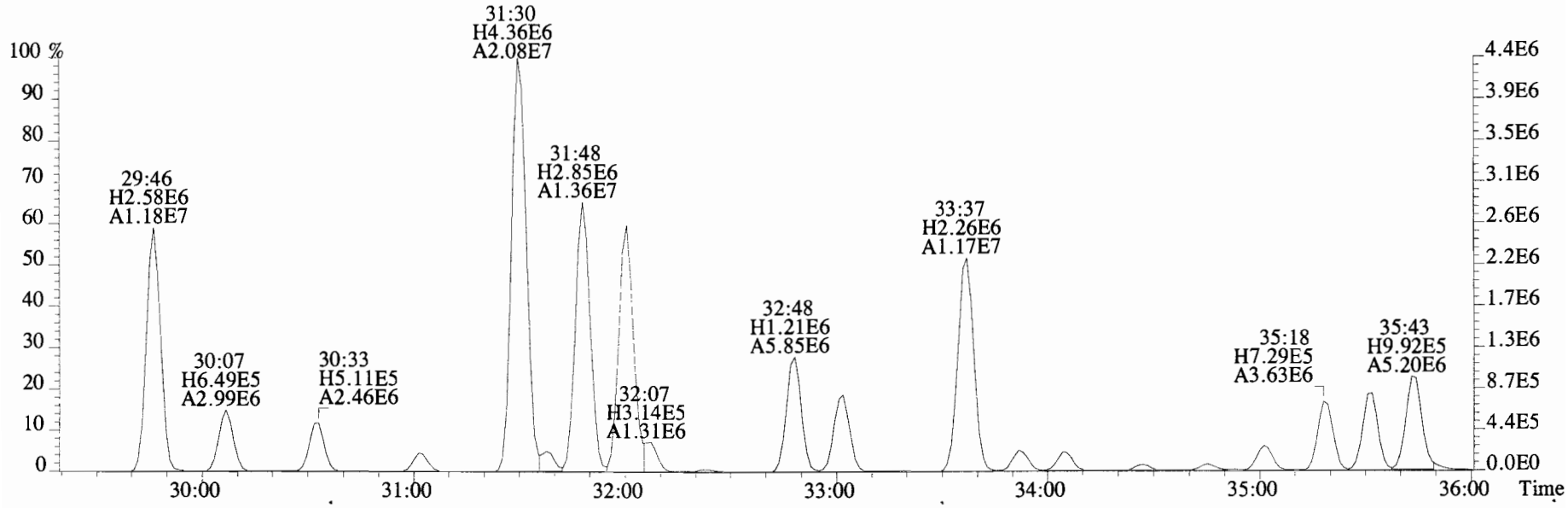
291.9194 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0)



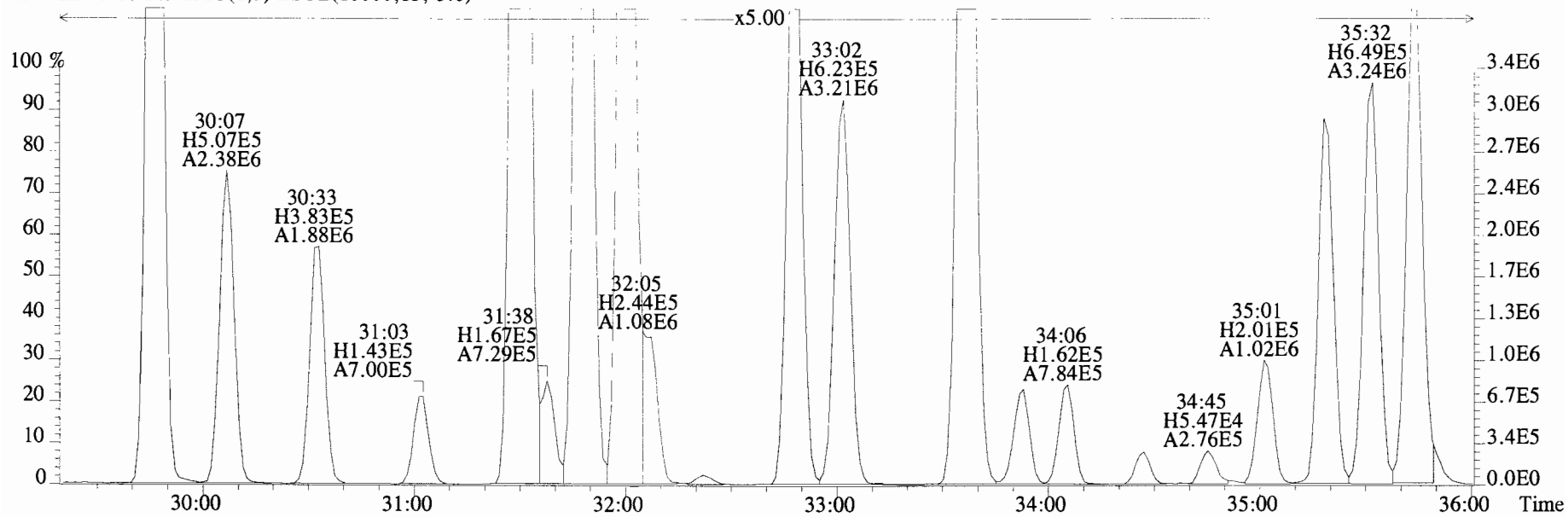
File:180315E1 #1-756 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
289.9224 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0)



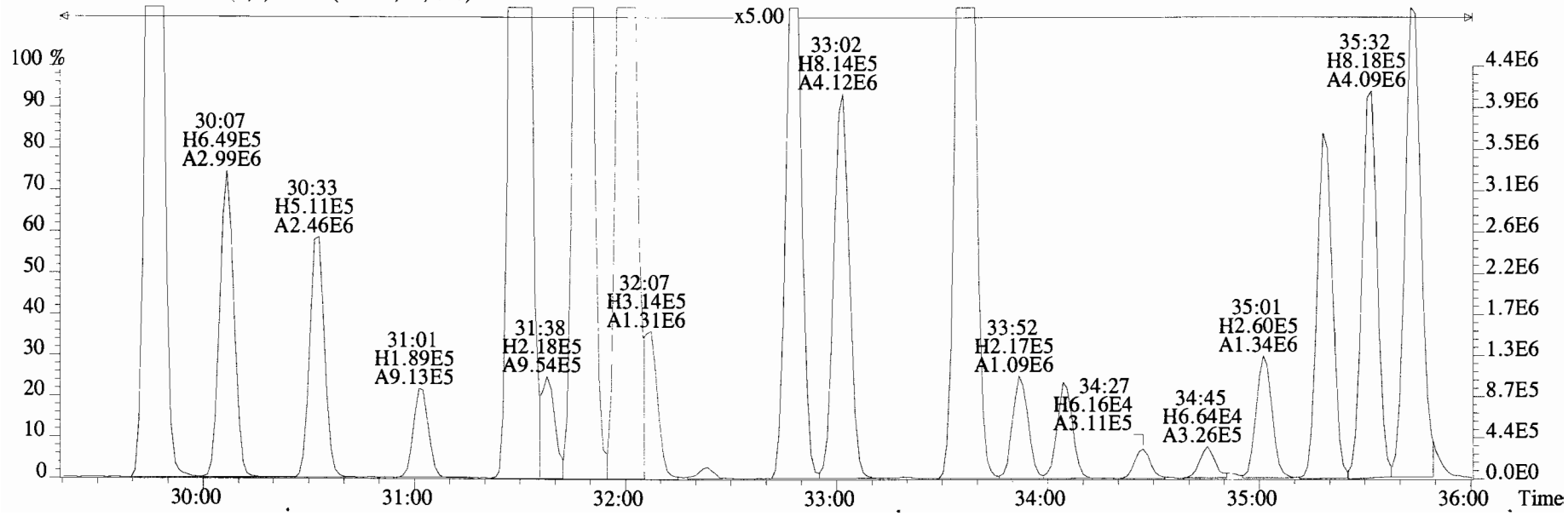
291.9194 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0)



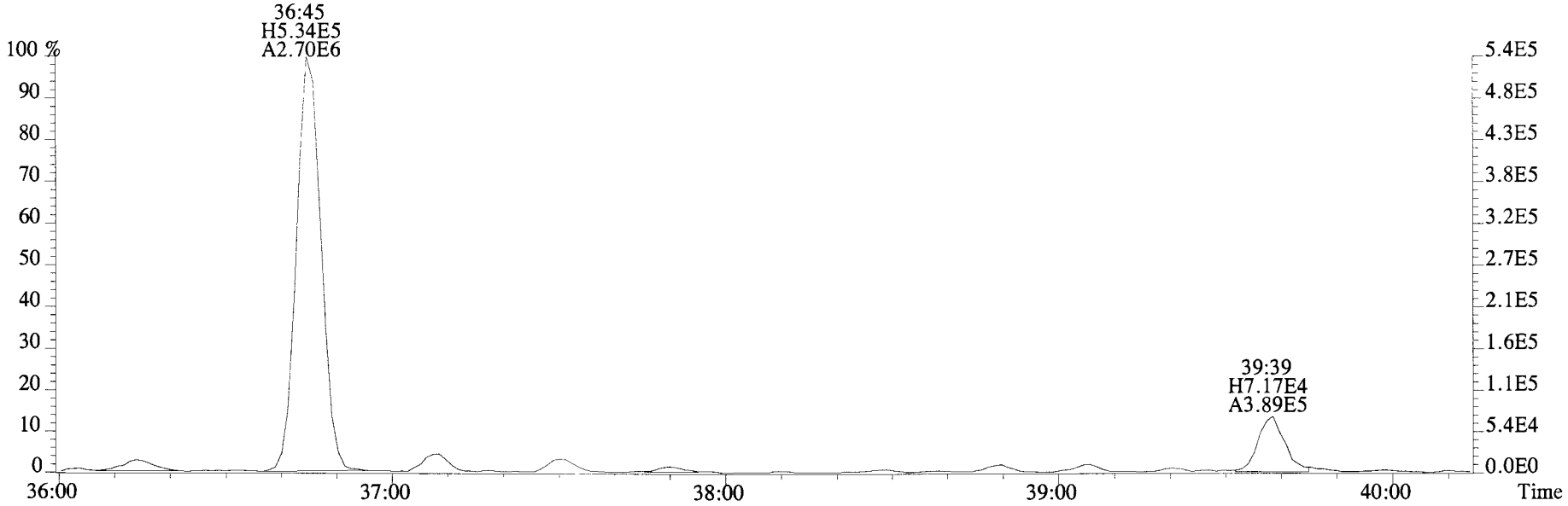
File:180315E1 #1-756 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
289.9224 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0)



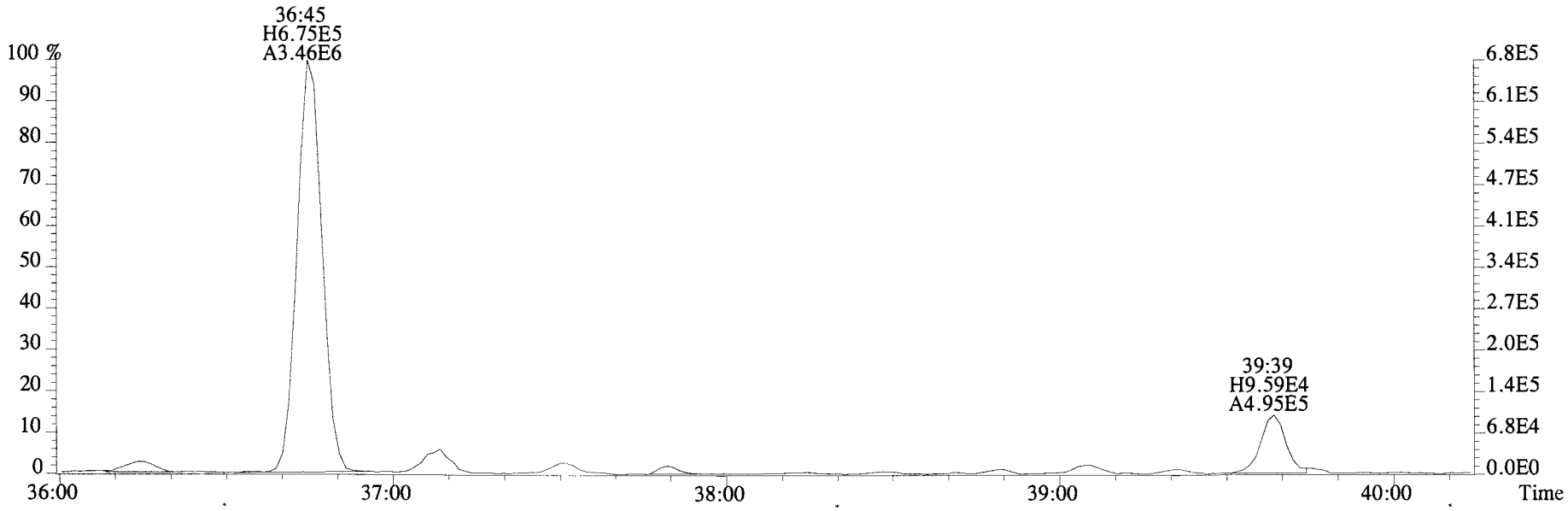
291.9194 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0)



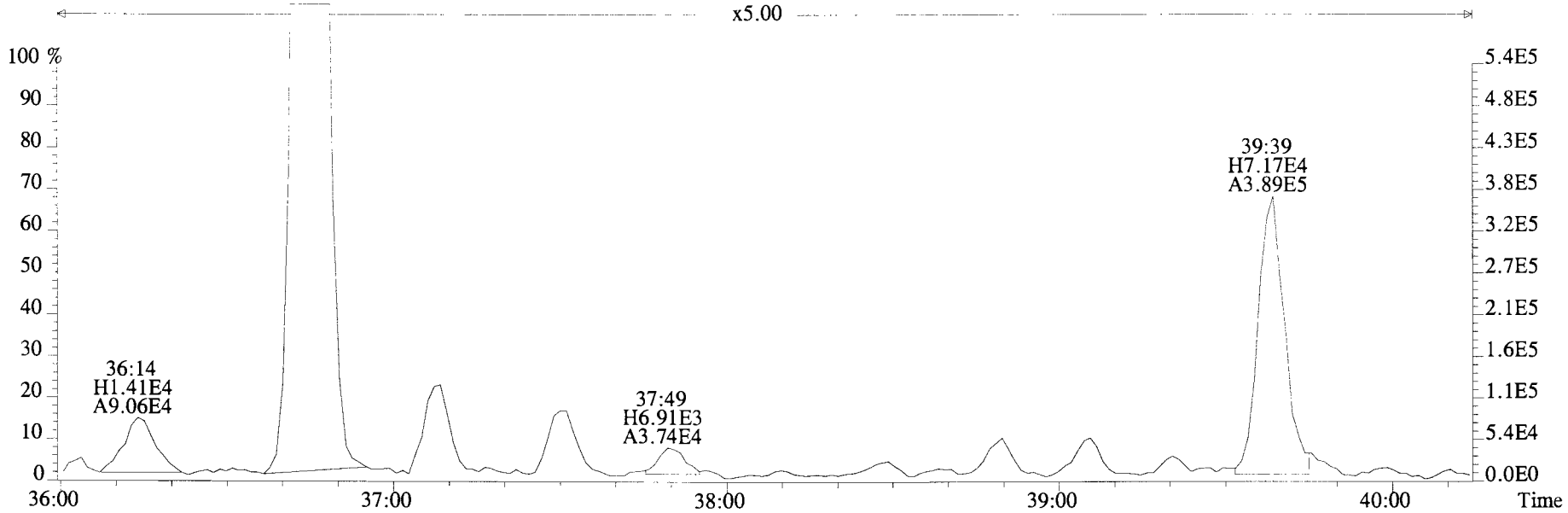
File:180315E1 #1-756 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
289.9224 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0)



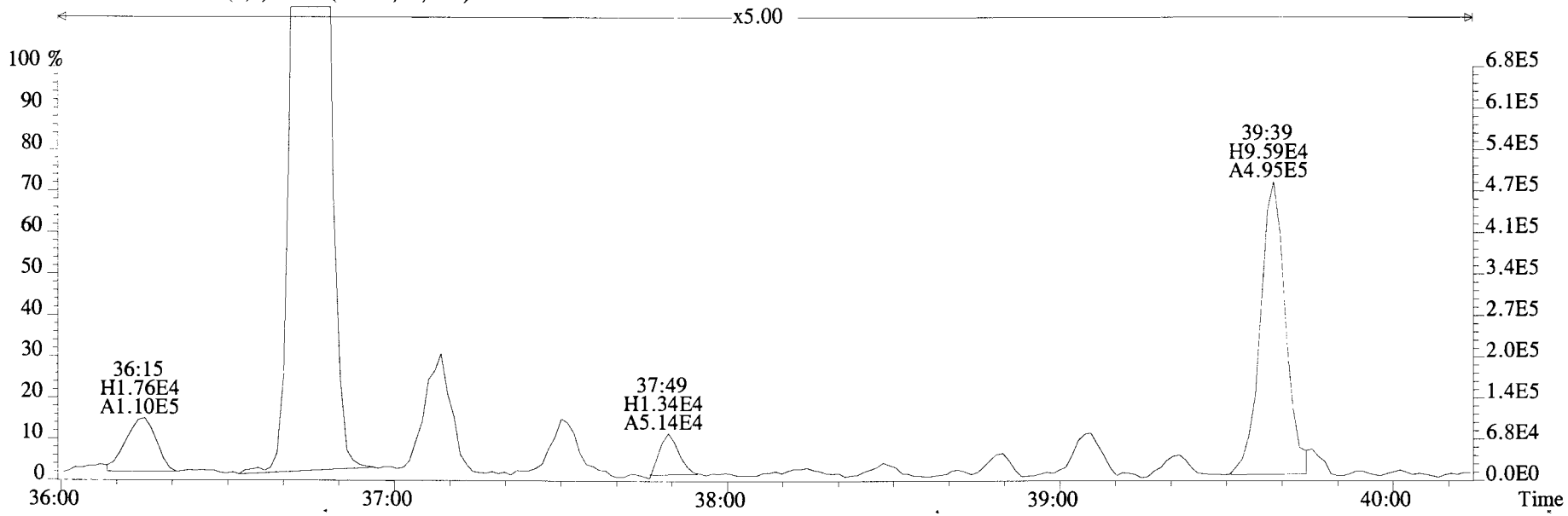
291.9194 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0)



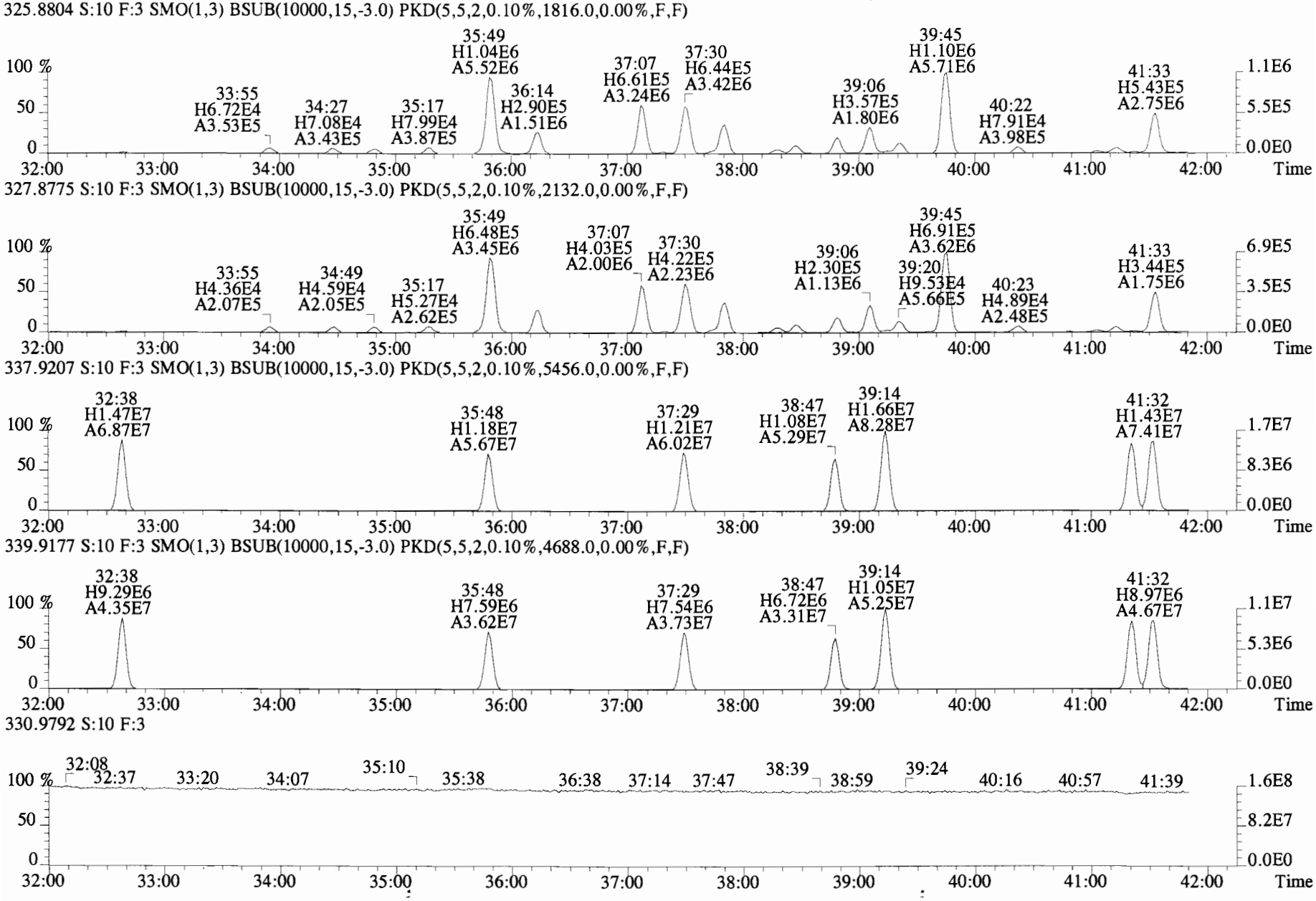
File:180315E1 #1-756 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
289.9224 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0)



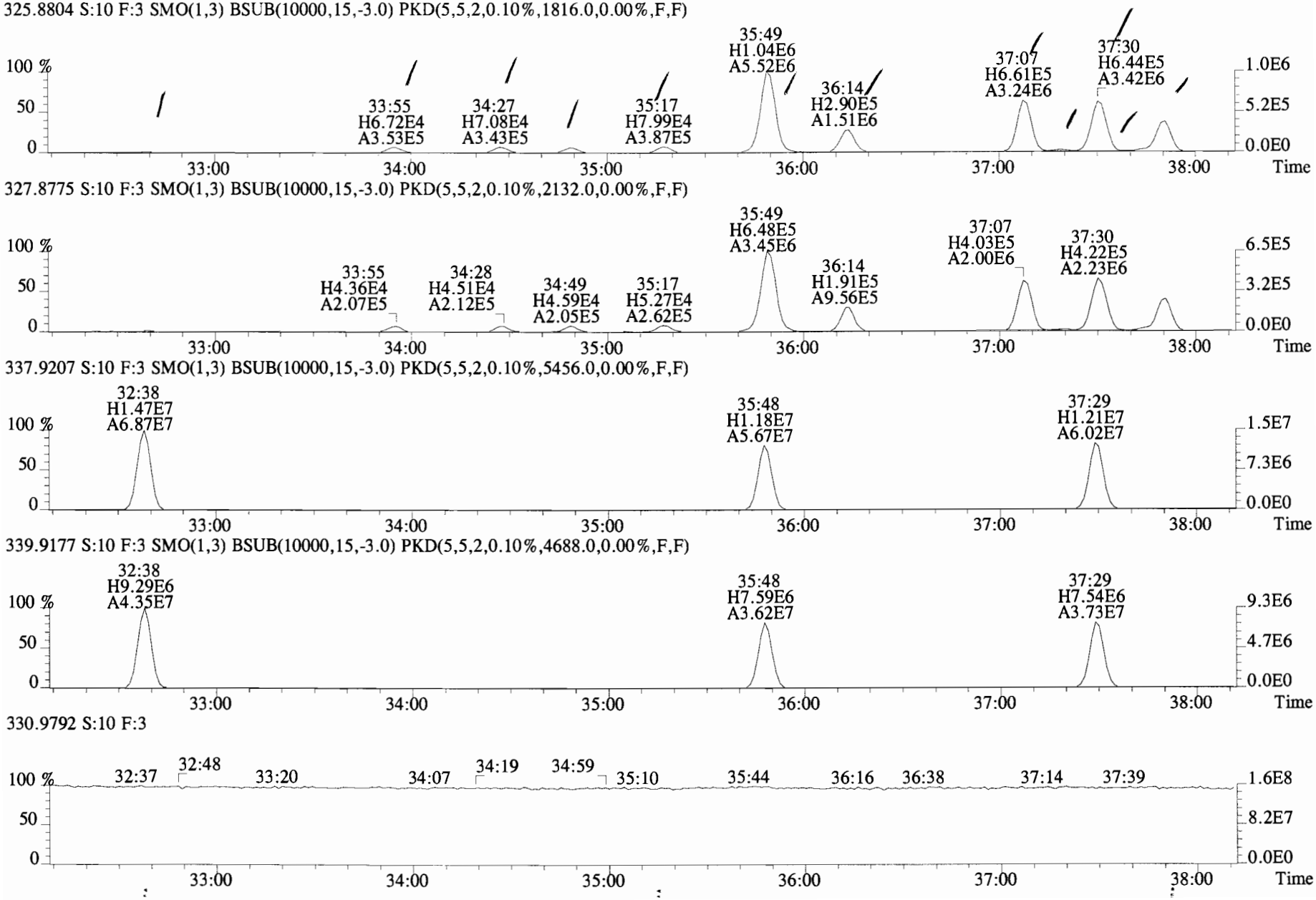
291.9194 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0)



File:180315E1 #1-756 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1

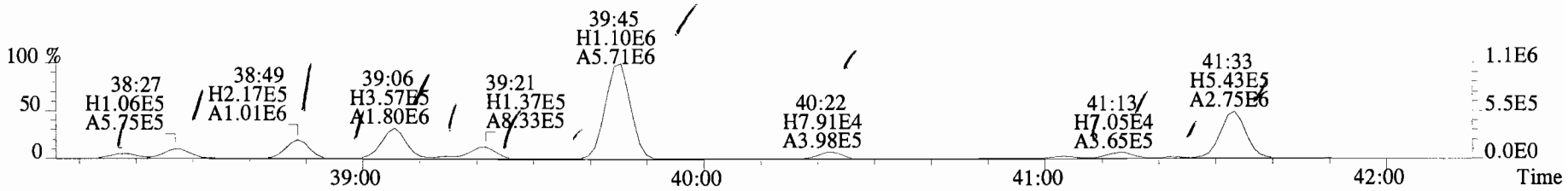


File:180315E1 #1-756 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1

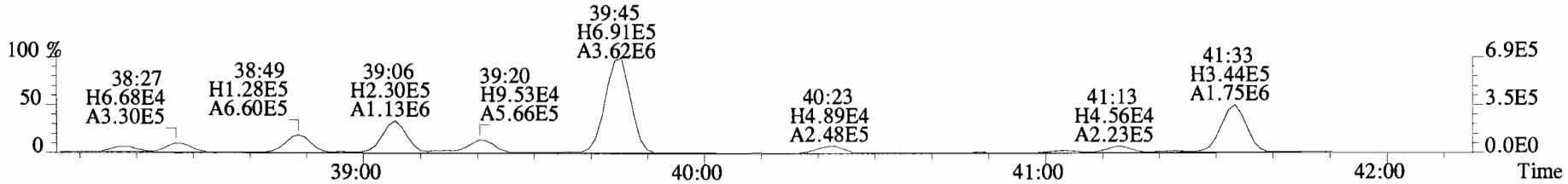


File:180315E1 #1-756 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1

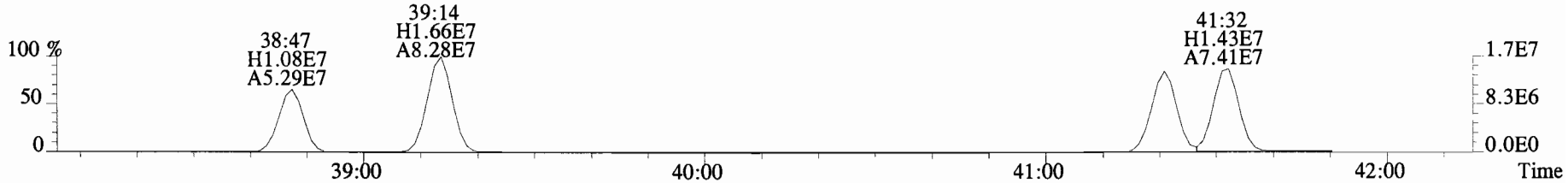
325.8804 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1816.0,0.00%,F,F)



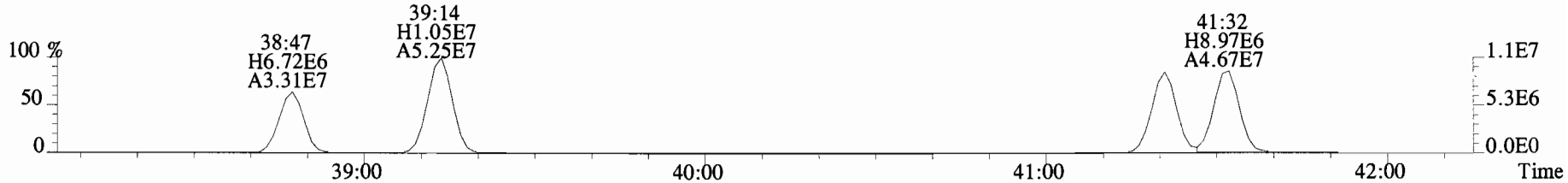
327.8775 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2132.0,0.00%,F,F)



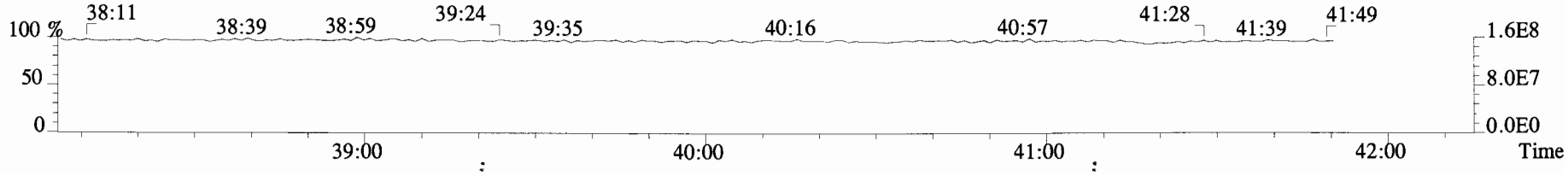
337.9207 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5456.0,0.00%,F,F)



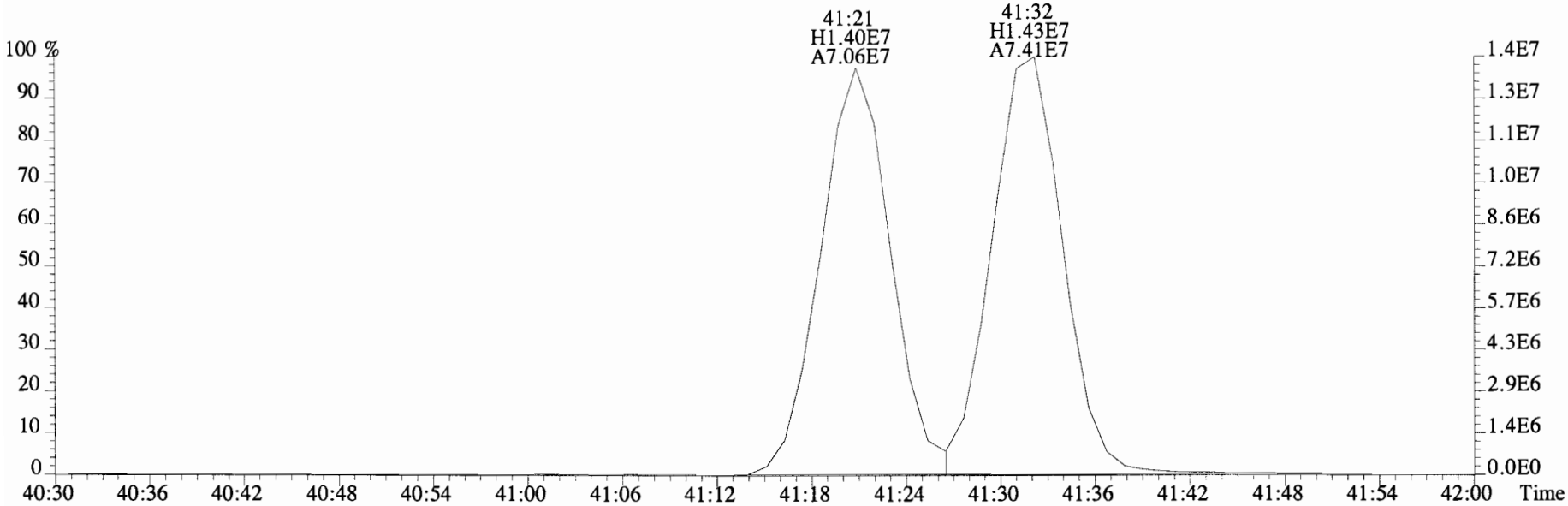
339.9177 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4688.0,0.00%,F,F)



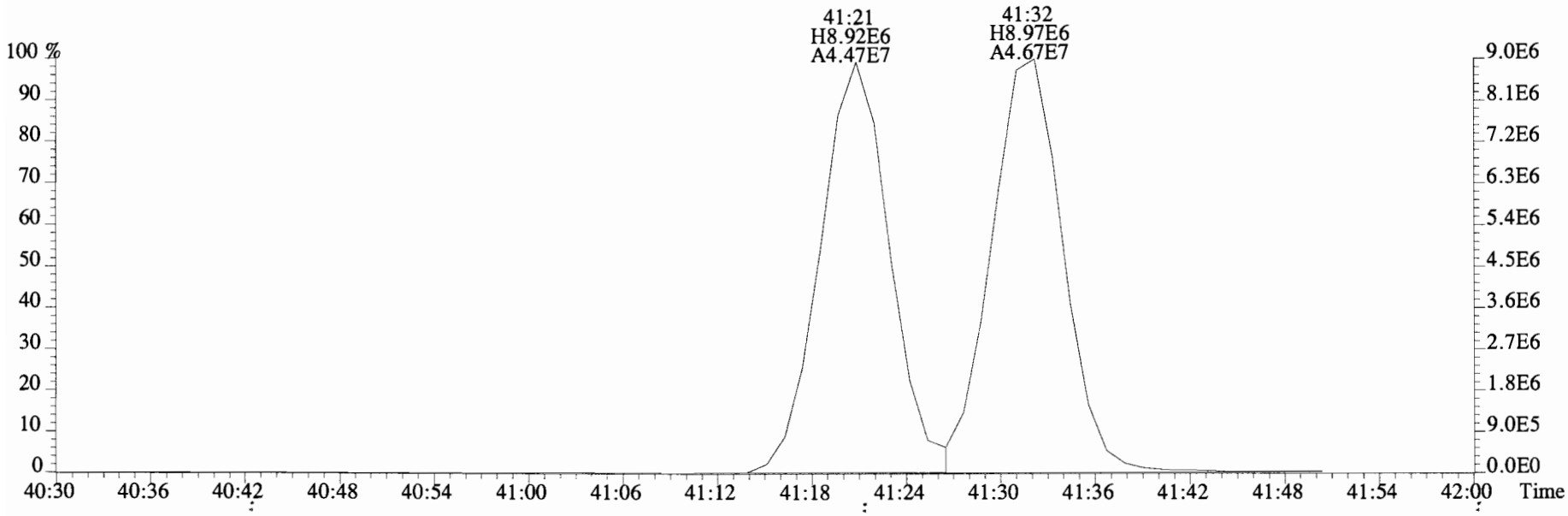
330.9792 S:10 F:3



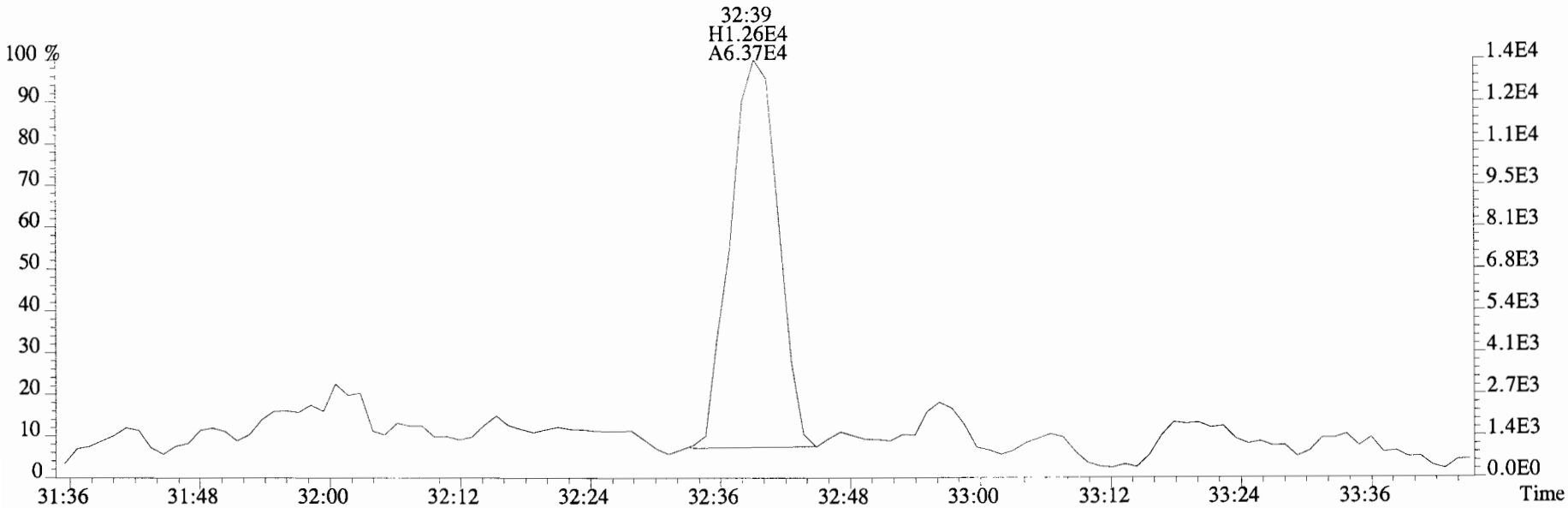
File:180315E1 #1-756 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
337.9207 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5456.0,0.00%,F,F)



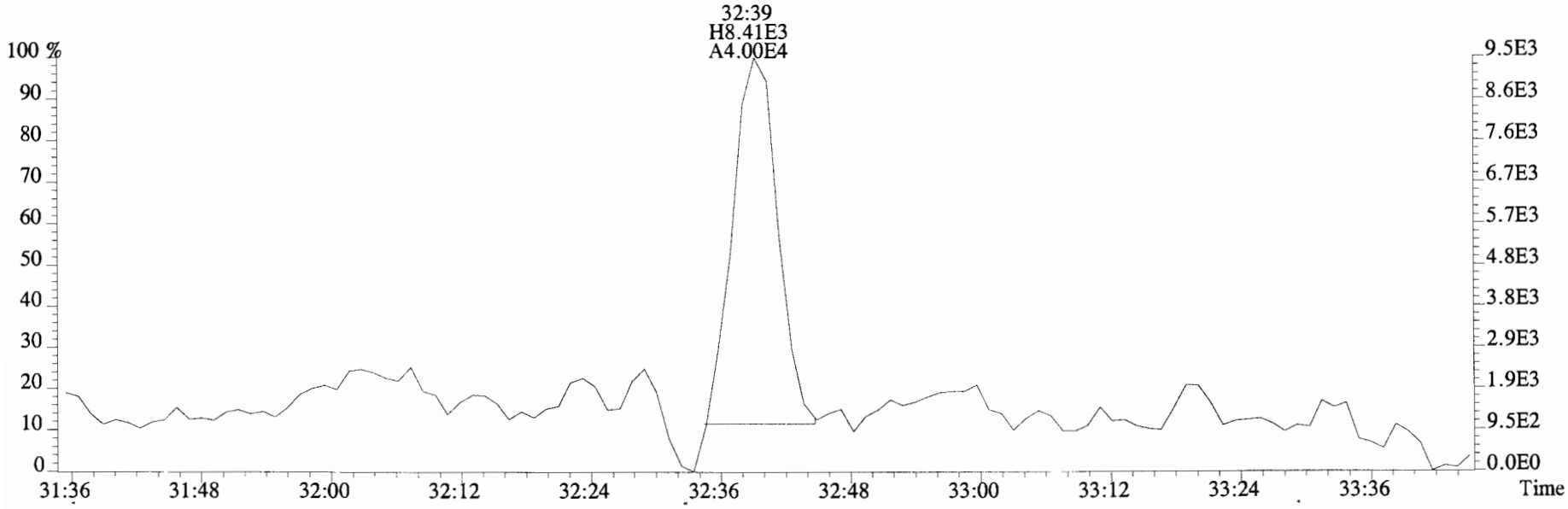
339.9177 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4688.0,0.00%,F,F)



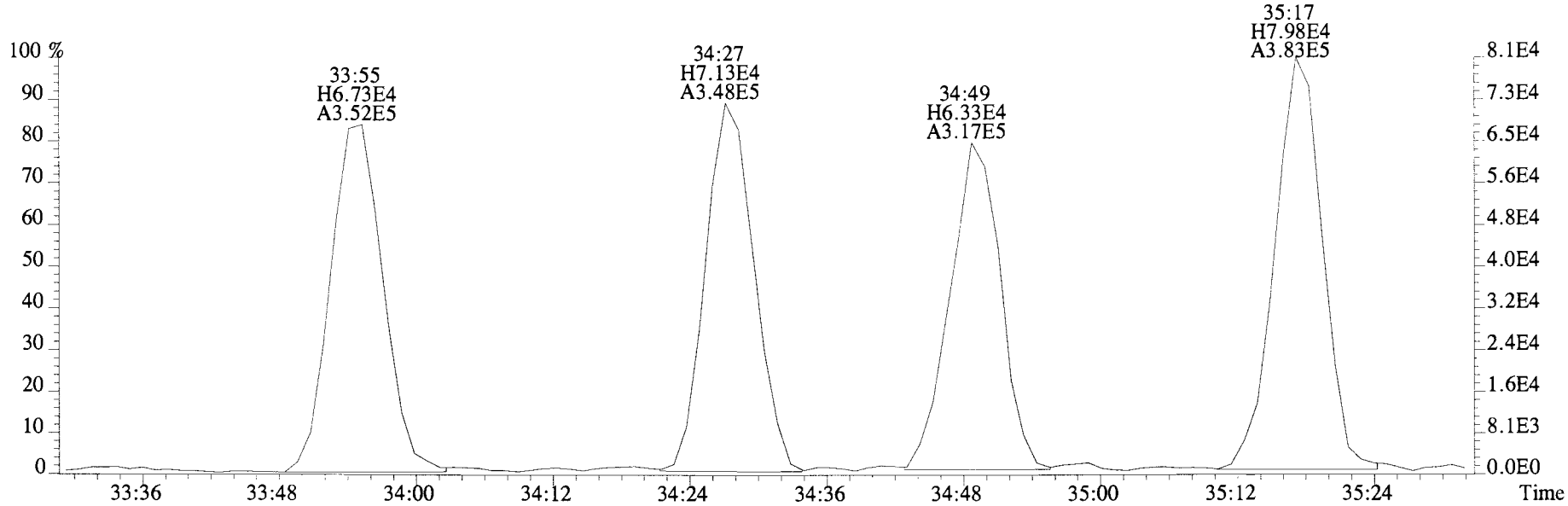
File:180315E1 #1-756 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
325.8804 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1816.0,0.00%,F,F)



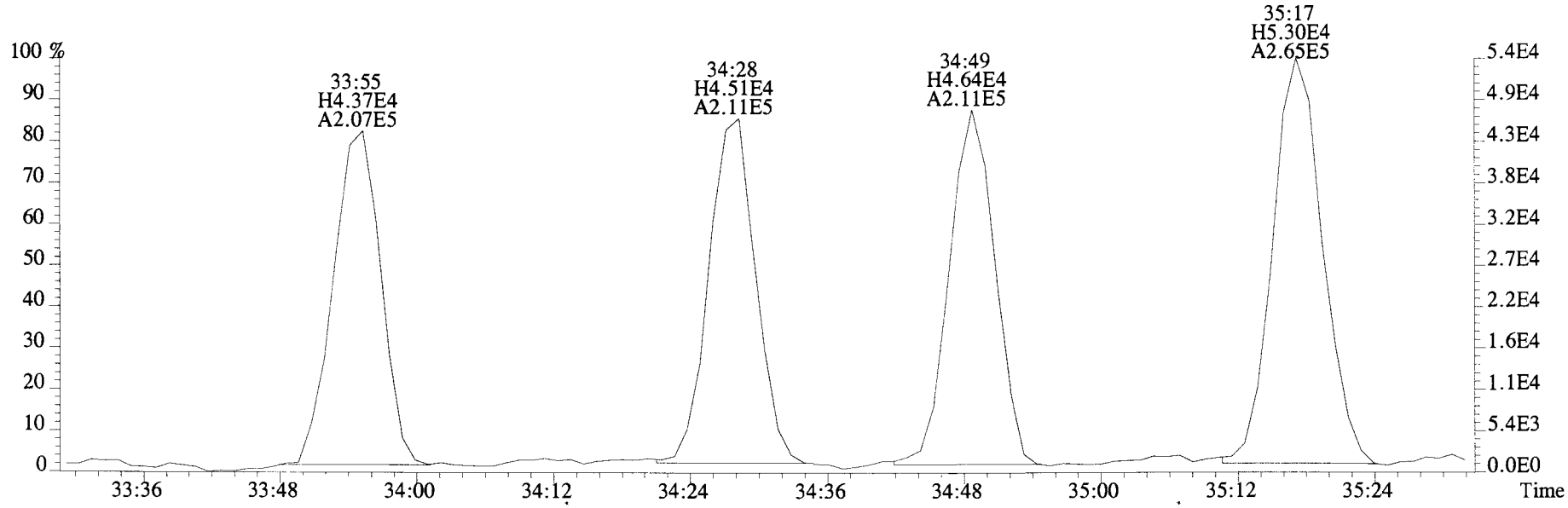
327.8775 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2132.0,0.00%,F,F)



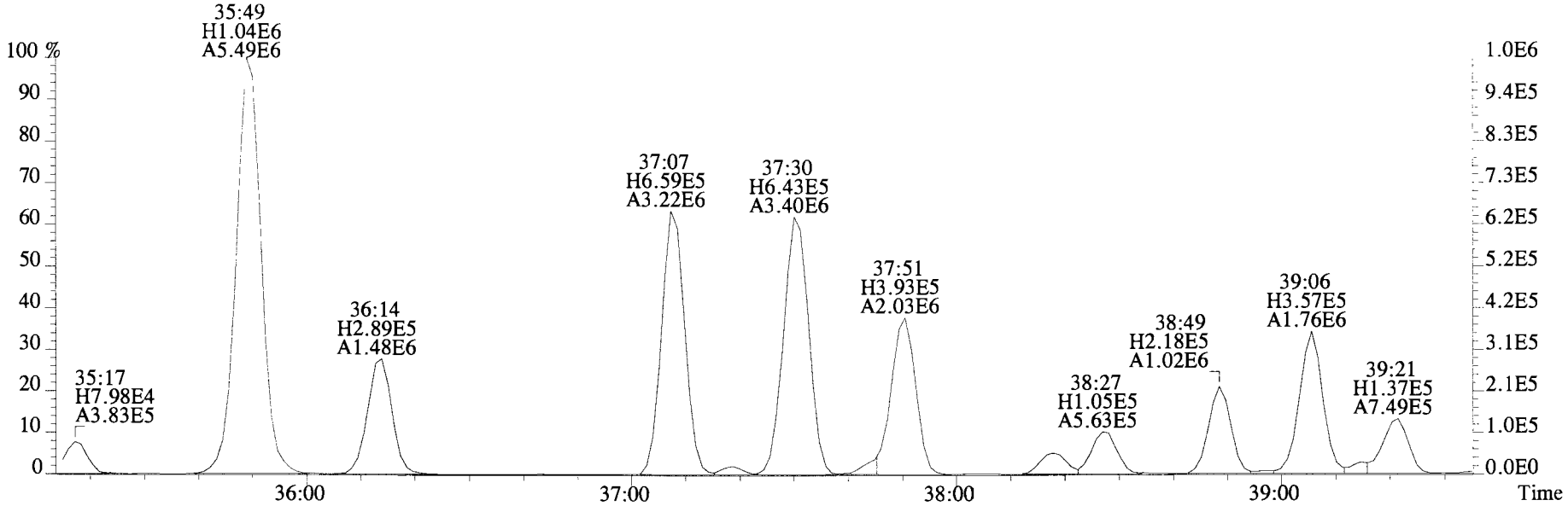
File:180315E1 #1-756 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
325.8804 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1816.0,0.00%,F,F)



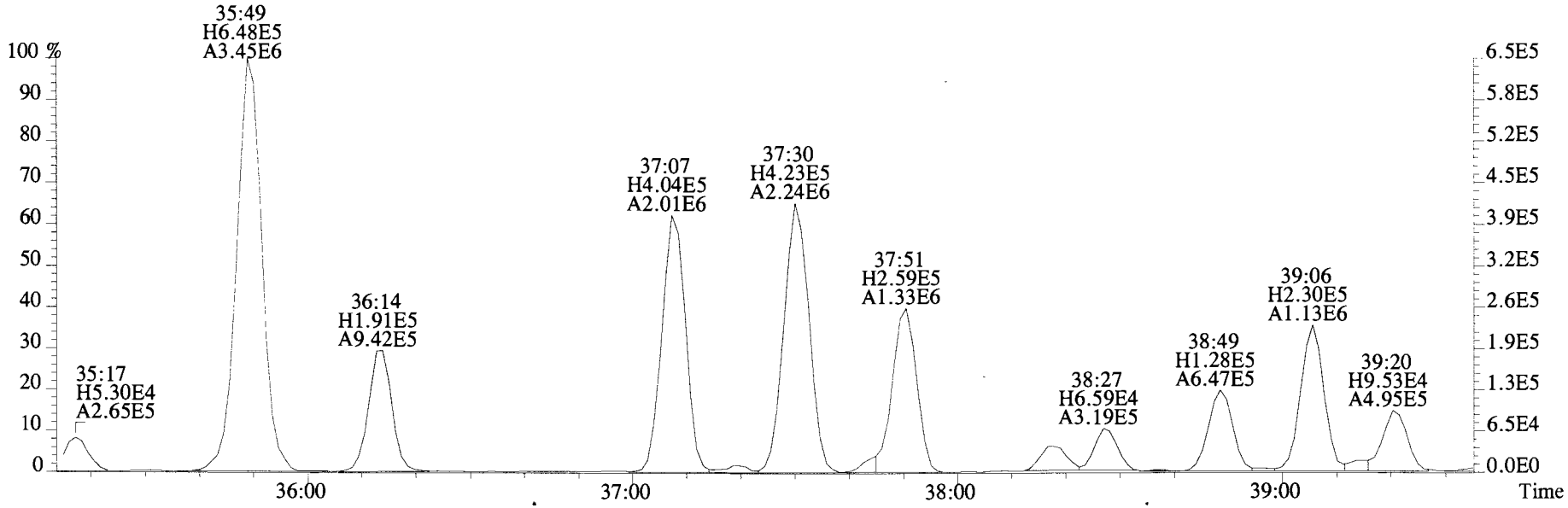
327.8775 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2132.0,0.00%,F,F)



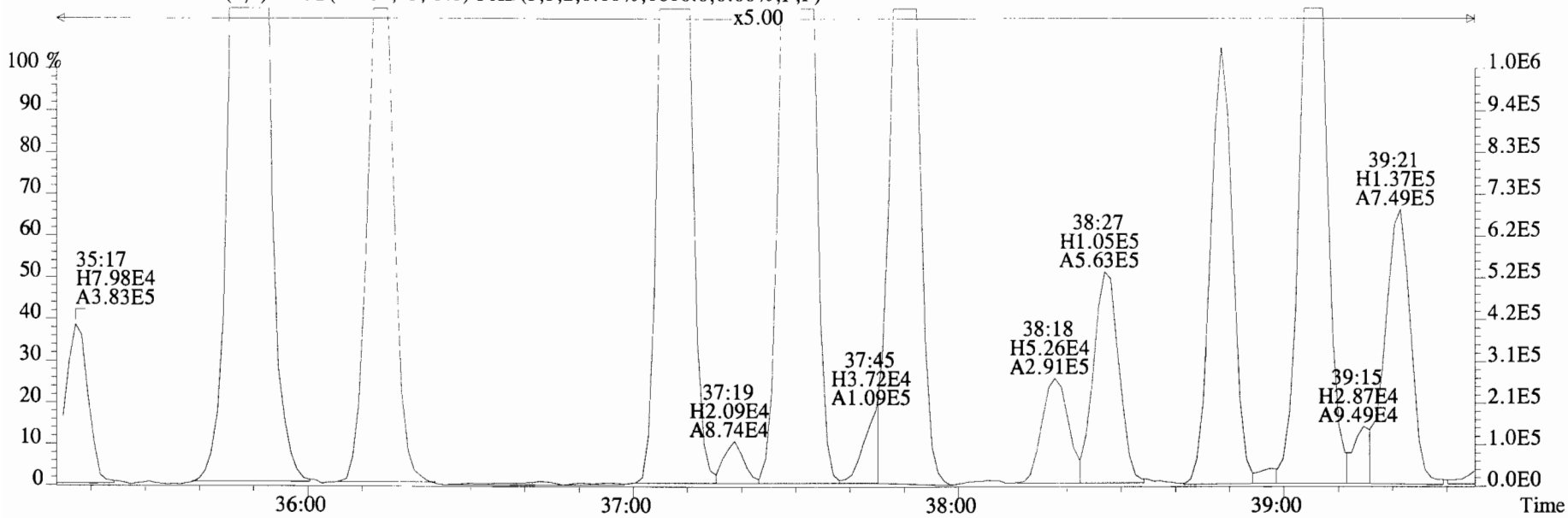
File:180315E1 #1-756 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
325.8804 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1816.0,0.00%,F,F)



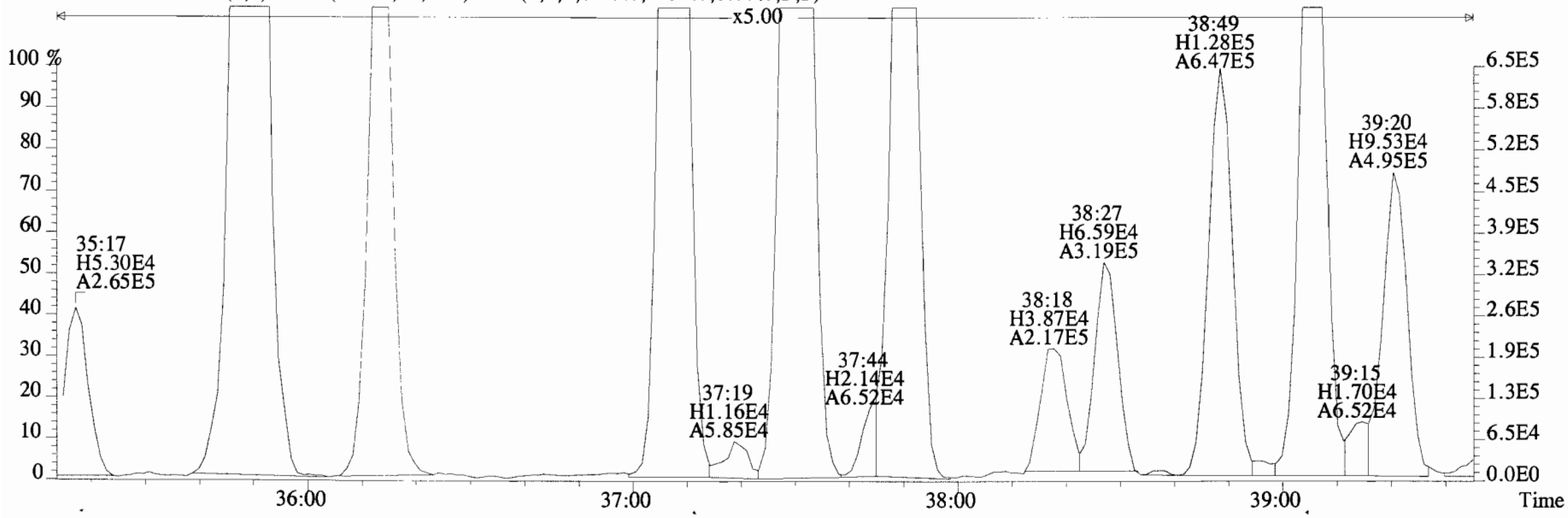
327.8775 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2132.0,0.00%,F,F)



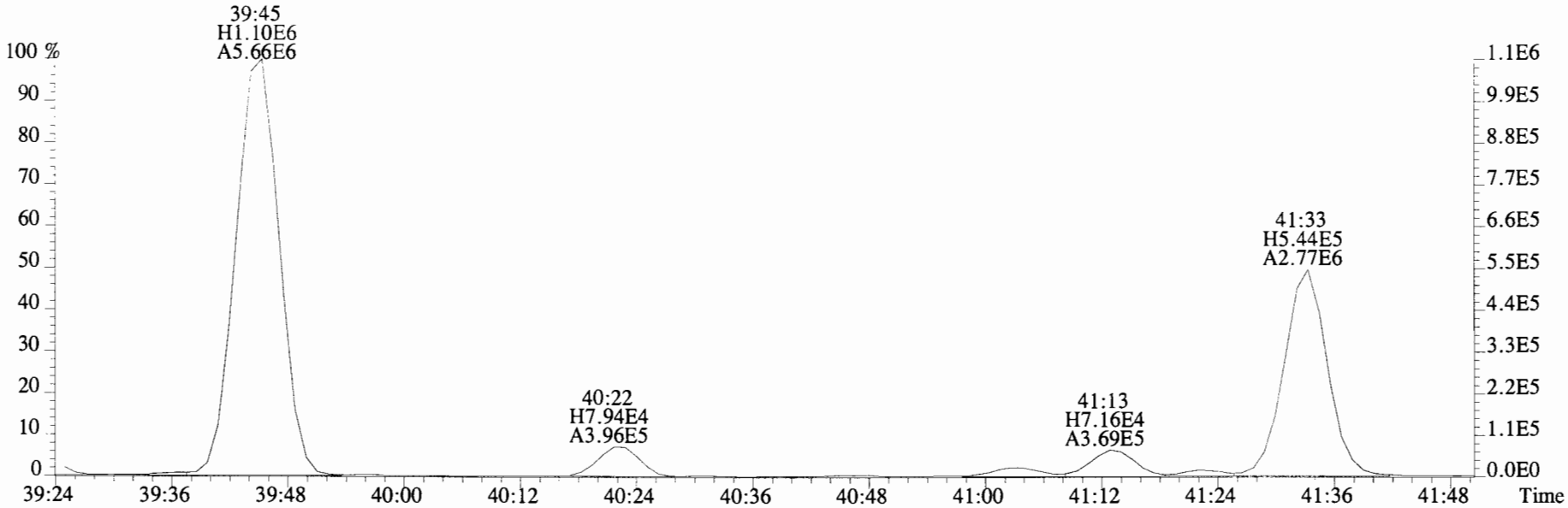
File:180315E1 #1-756 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
325.8804 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1816.0,0.00%,F,F)



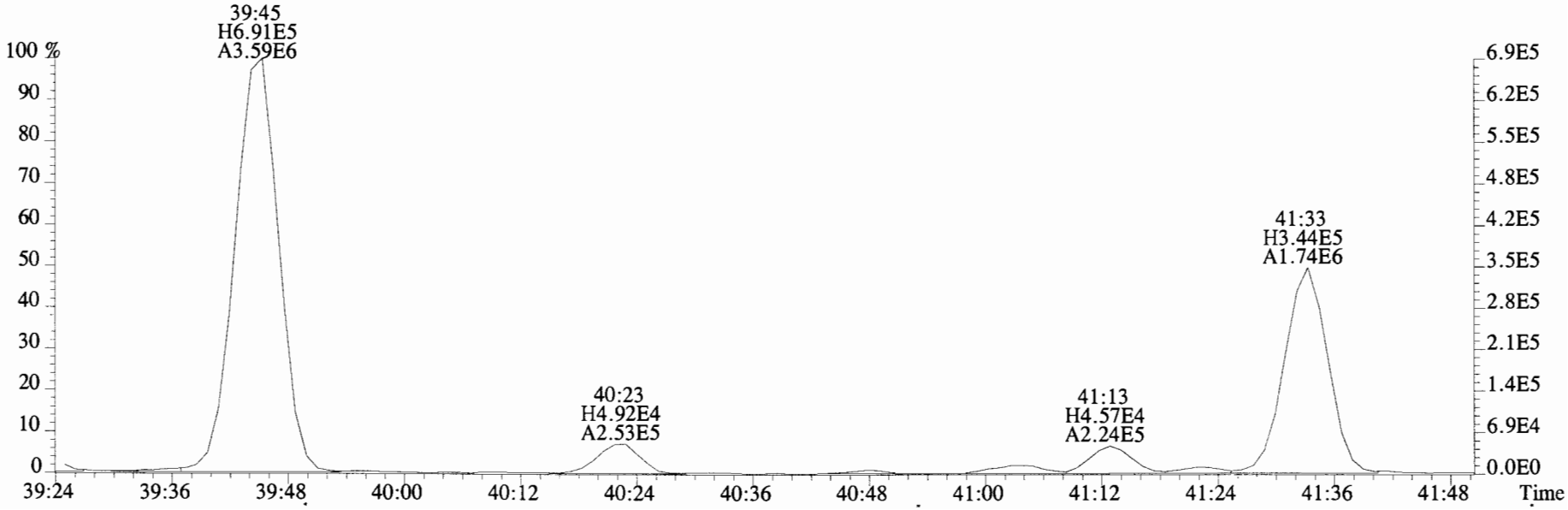
327.8775 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2132.0,0.00%,F,F)



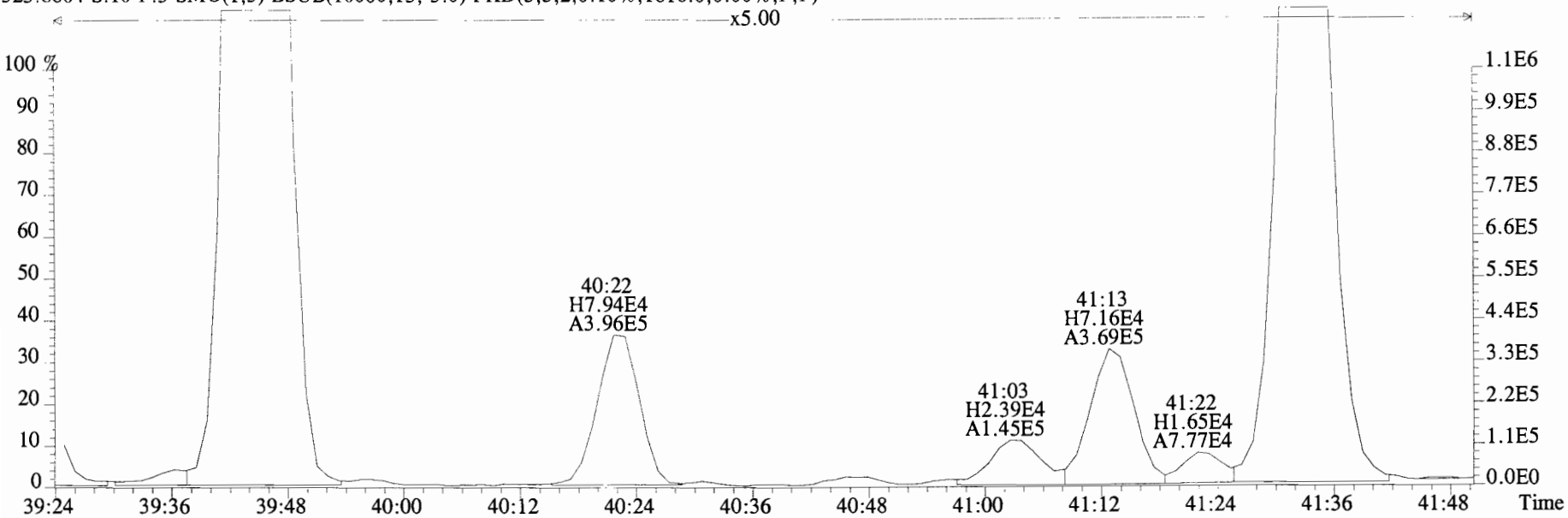
File:180315E1 #1-756 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
325.8804 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1816.0,0.00%,F,F)



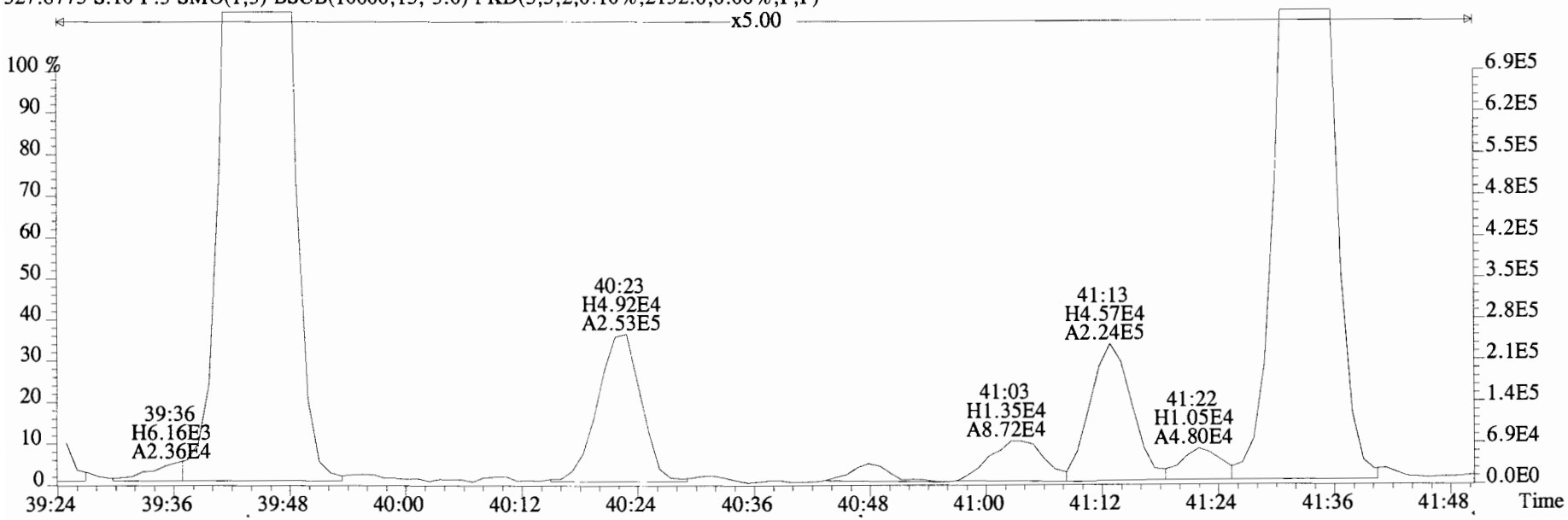
327.8775 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2132.0,0.00%,F,F)



File:180315E1 #1-756 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
325.8804 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1816.0,0.00%,F,F)

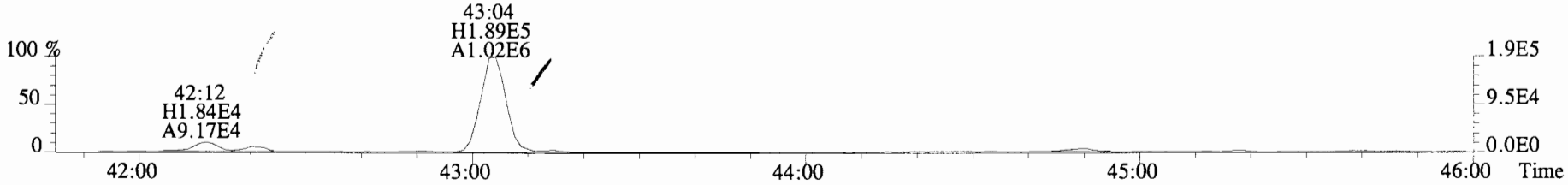


327.8775 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2132.0,0.00%,F,F)

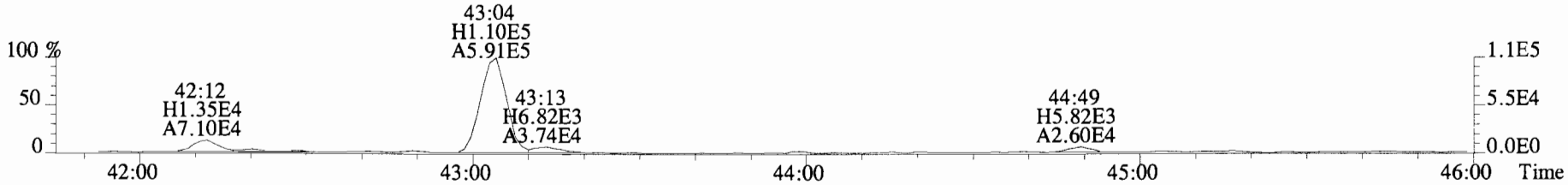


File:180315E1 #1-574 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1

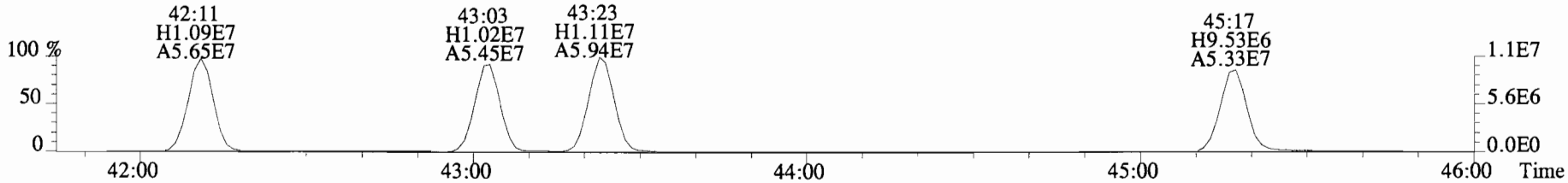
325.8804 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1696.0,0.00%,F,F)



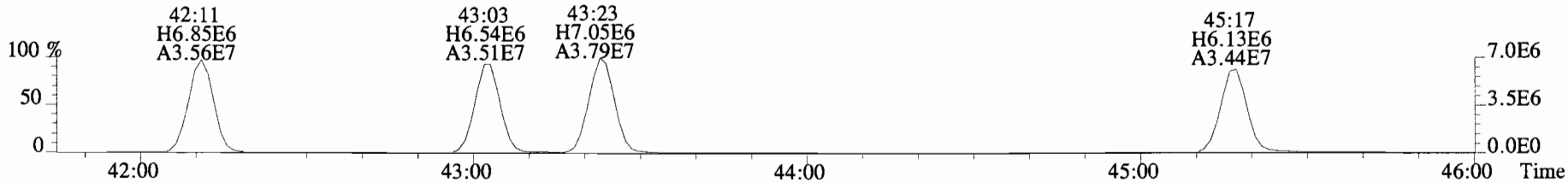
327.8775 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1696.0,0.00%,F,F)



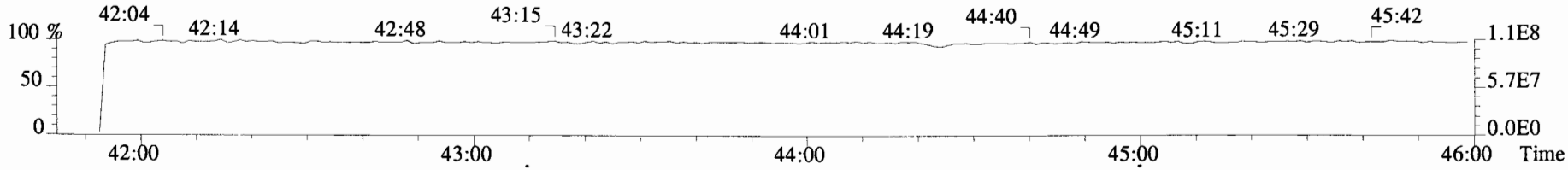
337.9207 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8876.0,0.00%,F,F)



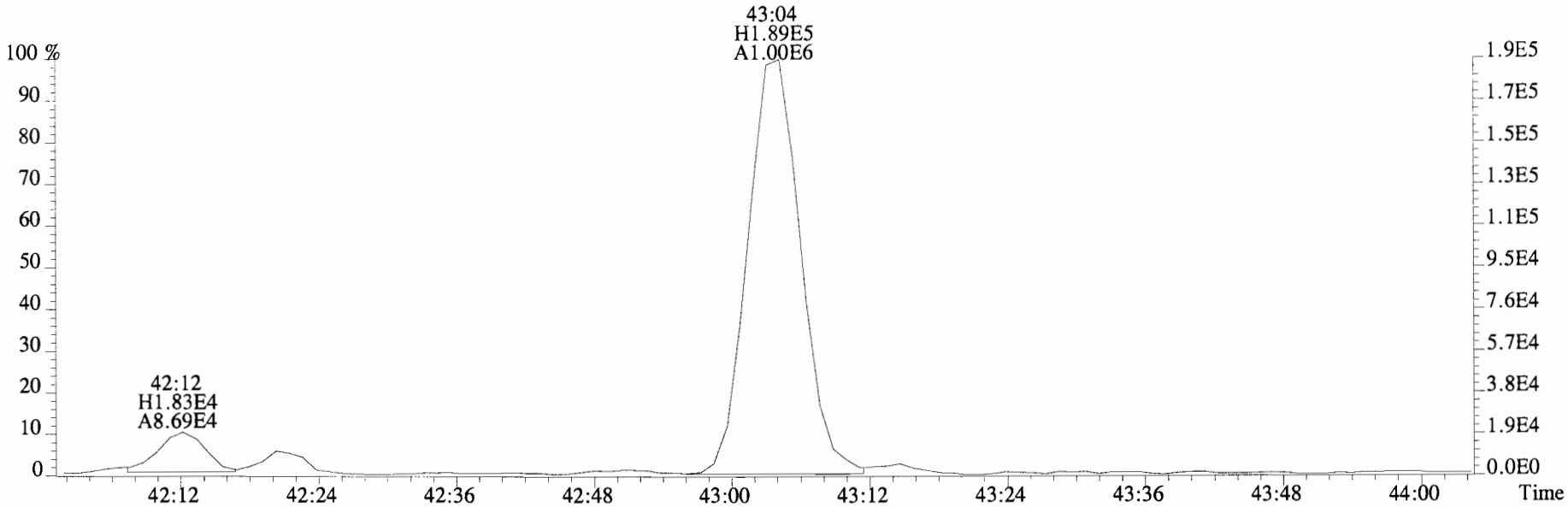
339.9177 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7640.0,0.00%,F,F)



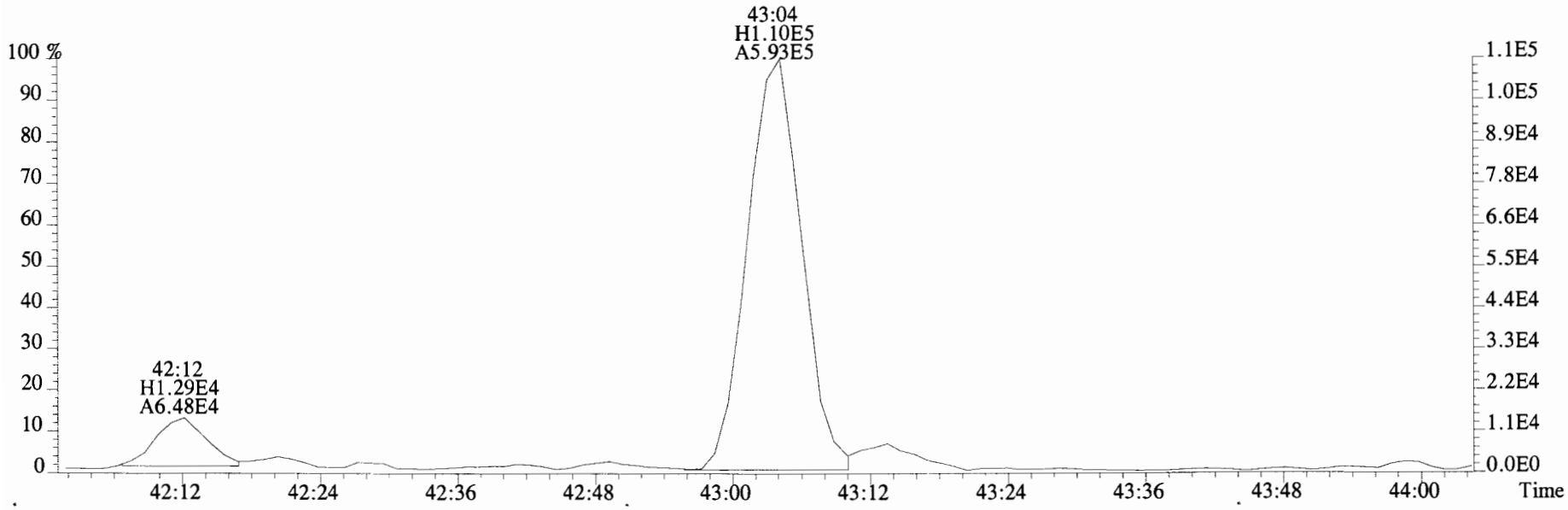
380.9760 S:10 F:4



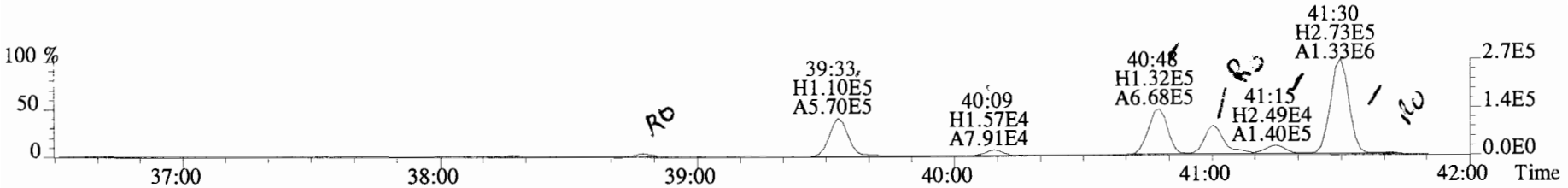
File:180315E1 #1-574 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
325.8804 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1696.0,0.00%,F,F)



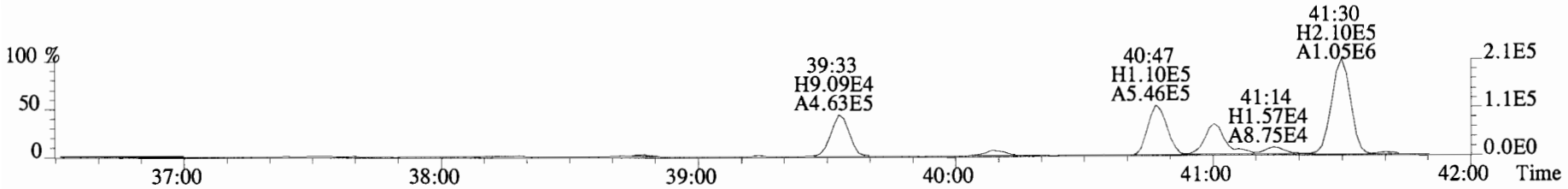
327.8775 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1696.0,0.00%,F,F)



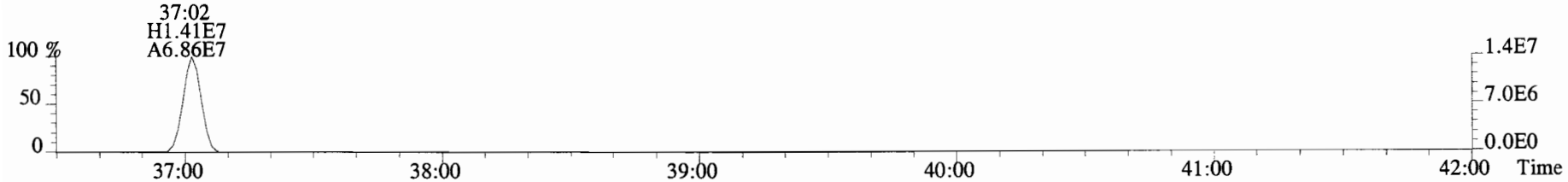
File:180315E1 #1-756 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
359.8415 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1836.0,0.00%,F,F)



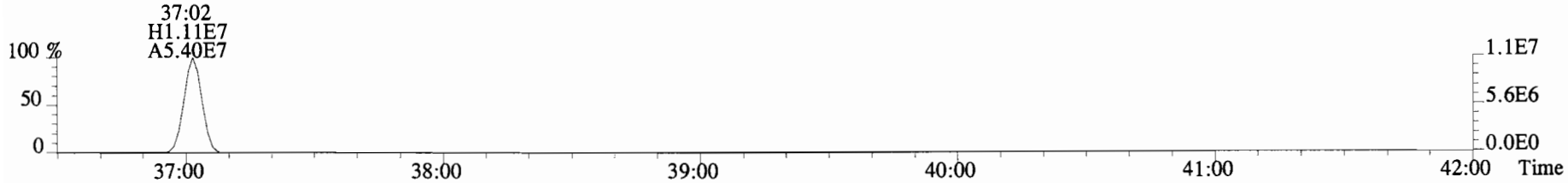
361.8385 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1912.0,0.00%,F,F)



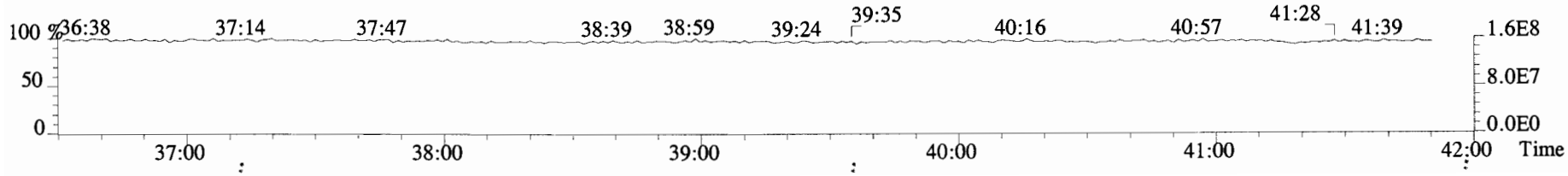
371.8817 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2804.0,0.00%,F,F)



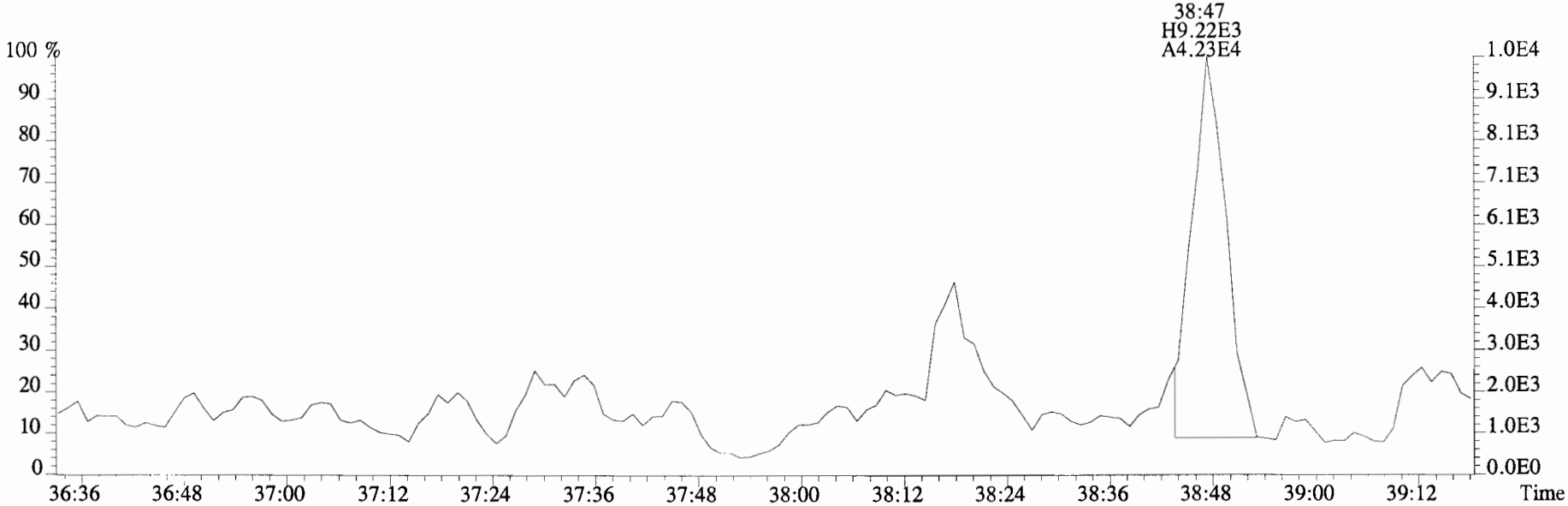
373.8788 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3268.0,0.00%,F,F)



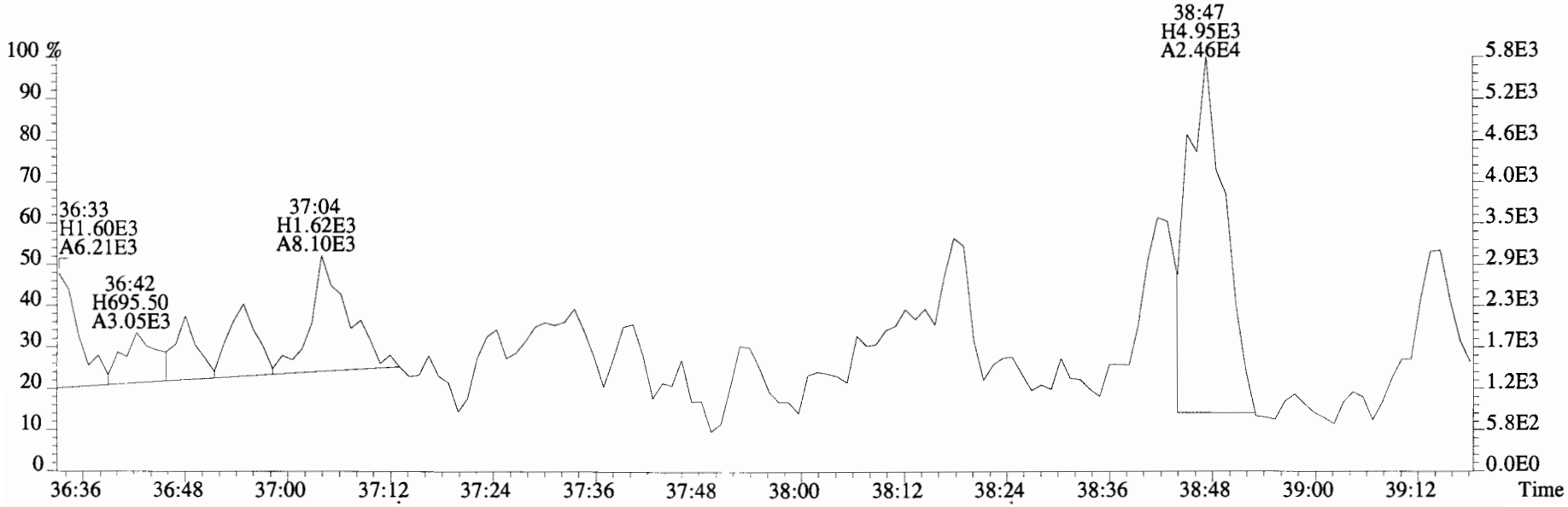
330.9792 S:10 F:3



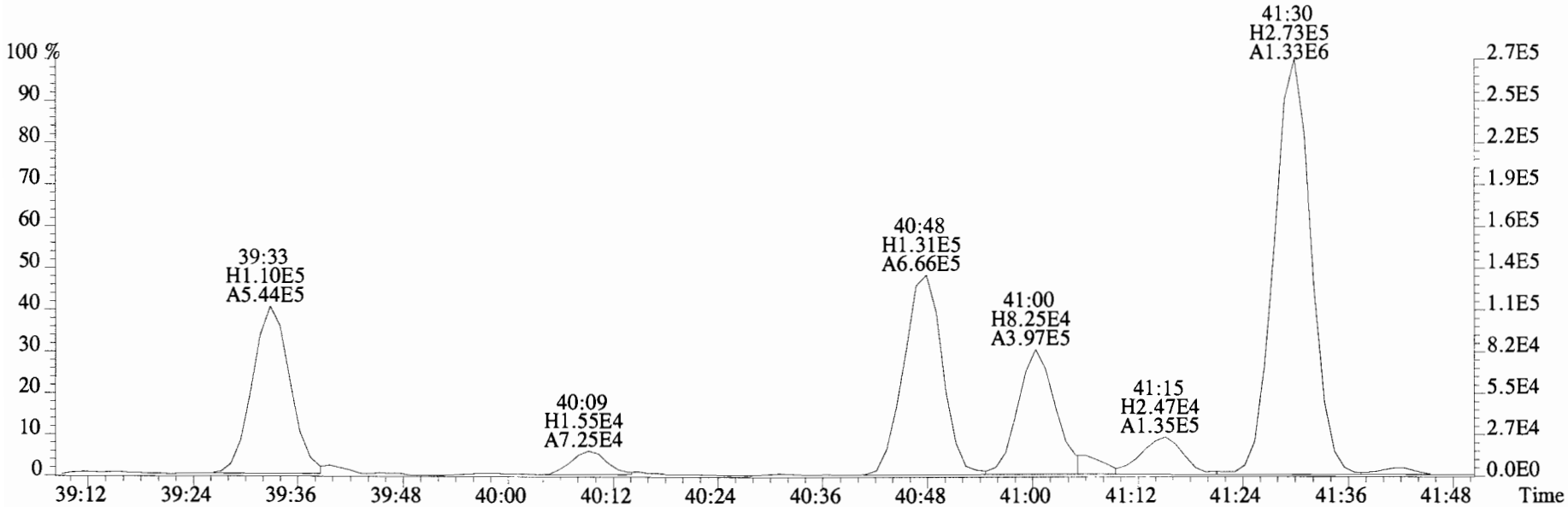
File:180315E1 #1-756 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
359.8415 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1836.0,0.00%,F,F)



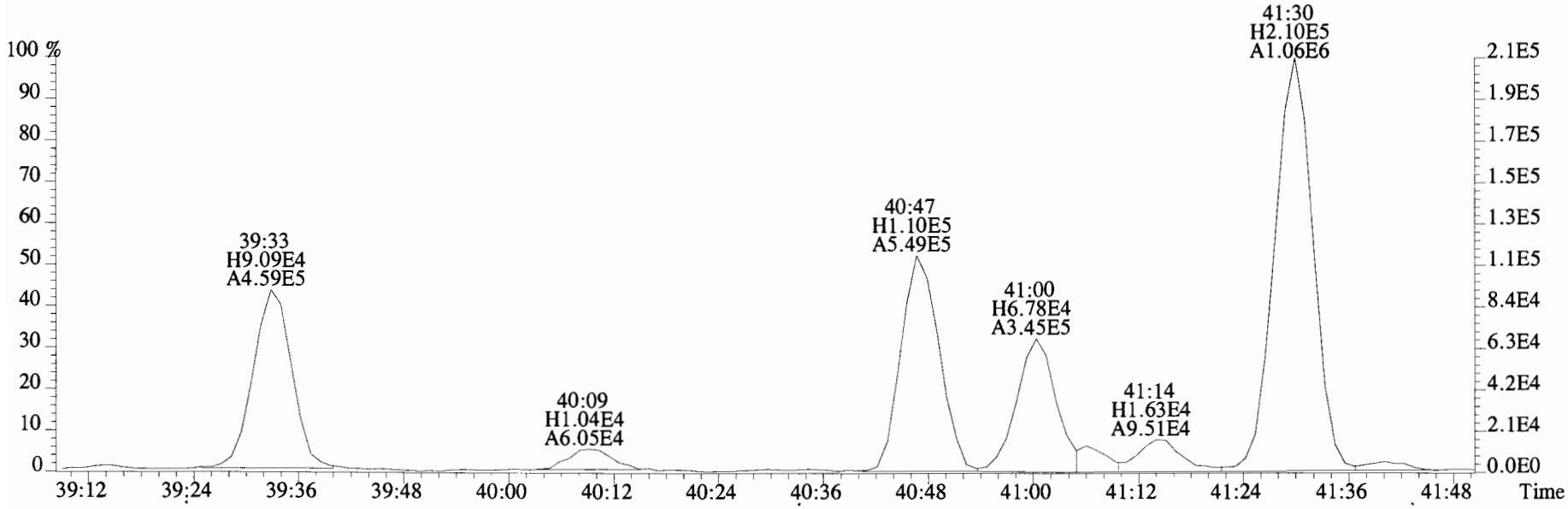
361.8385 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1912.0,0.00%,F,F)



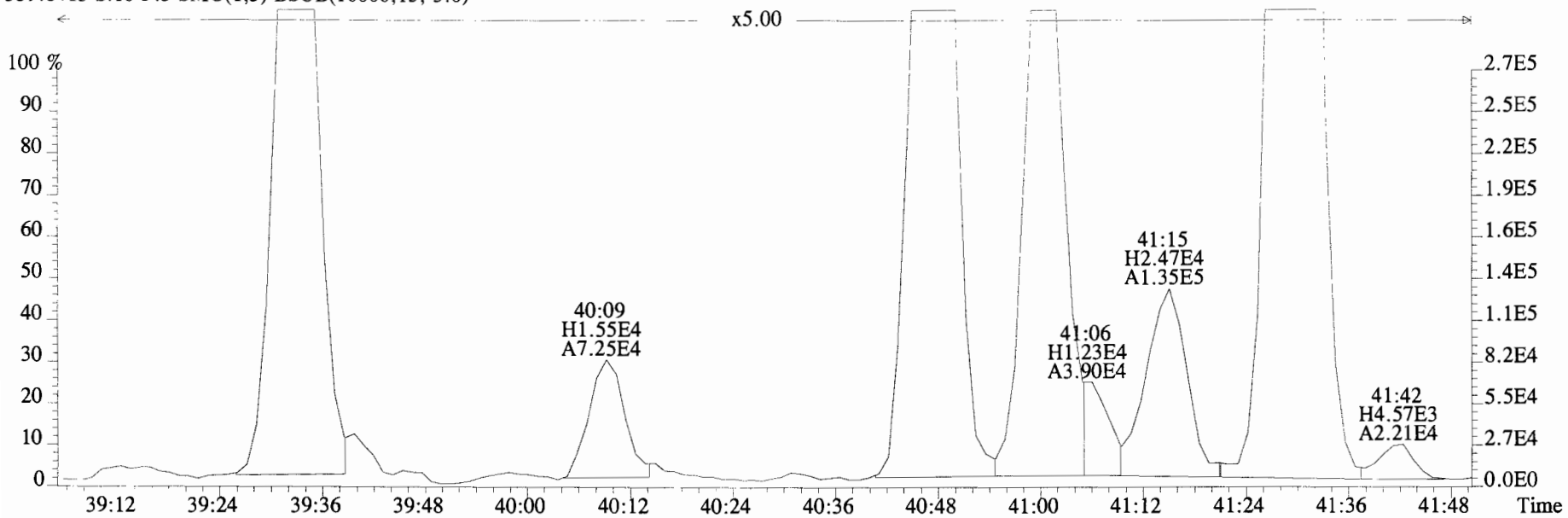
File:180315E1 #1-756 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
359.8415 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1836.0,0.00%,F,F)



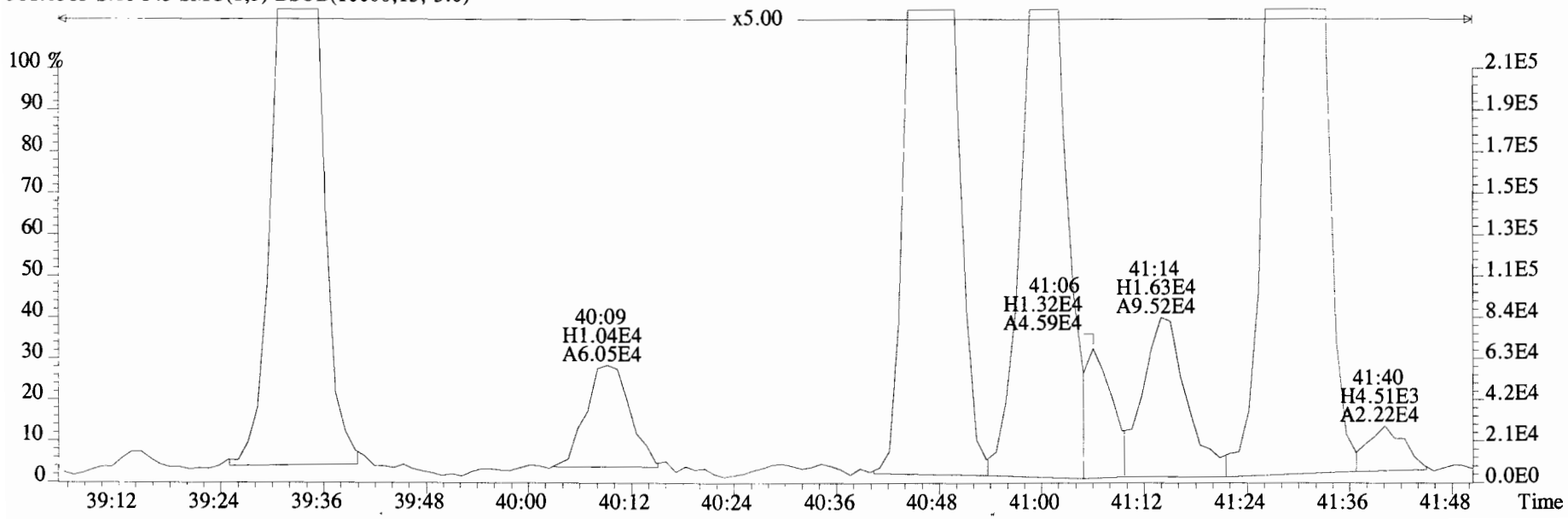
361.8385 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1912.0,0.00%,F,F)



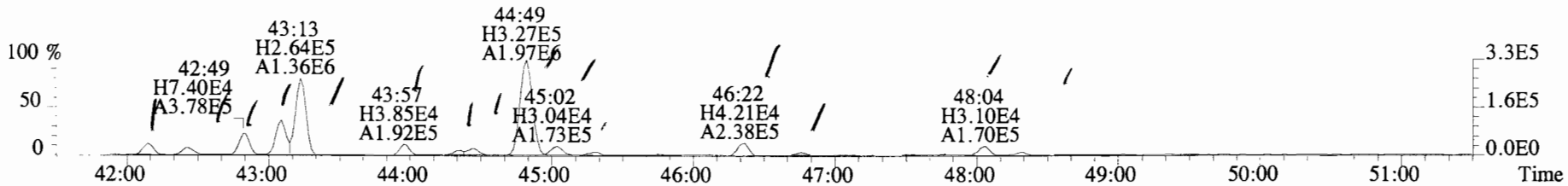
File:180315E1 #1-756 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
359.8415 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0)



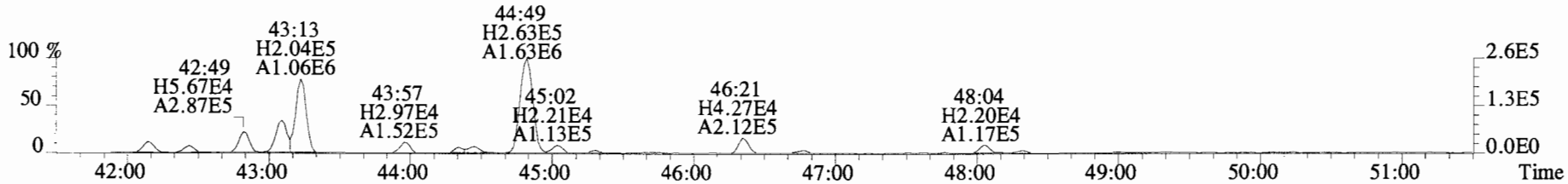
361.8385 S:10 F:3 SMO(1,3) BSUB(10000,15,-3.0)



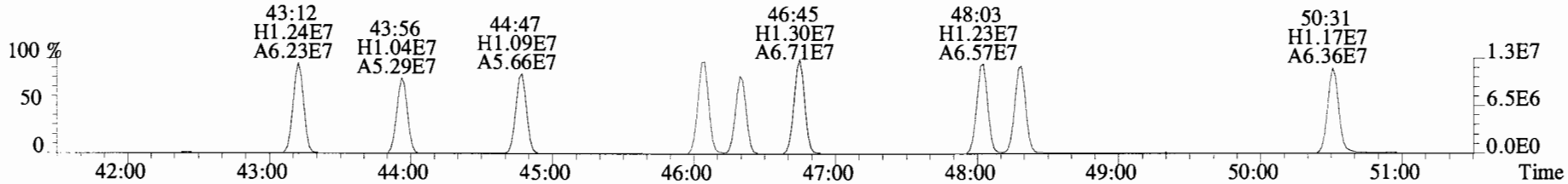
File:180315E1 #1-574 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
359.8415 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1728.0,0.00%,F,F)



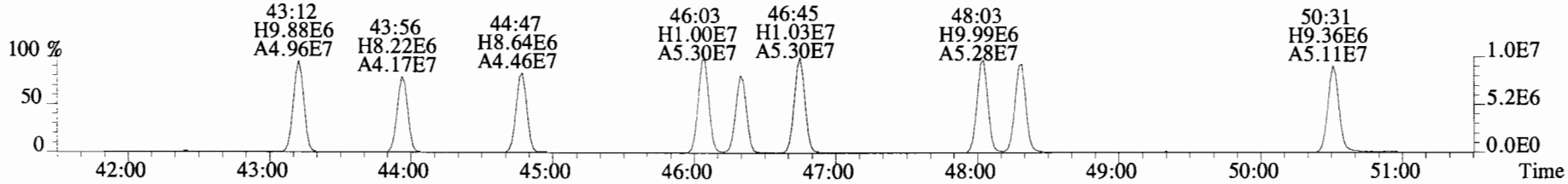
361.8385 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



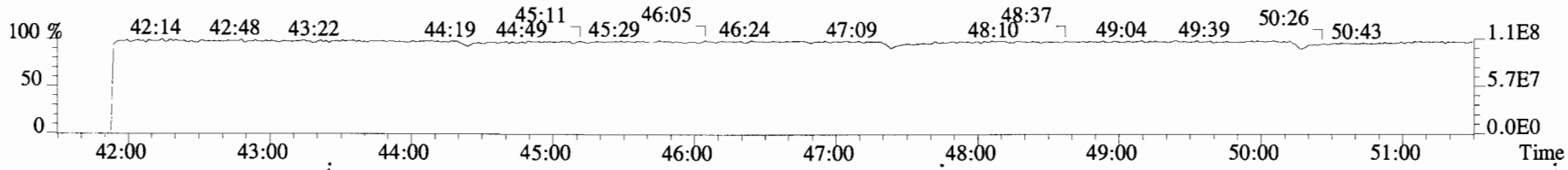
371.8817 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13392.0,0.00%,F,F)



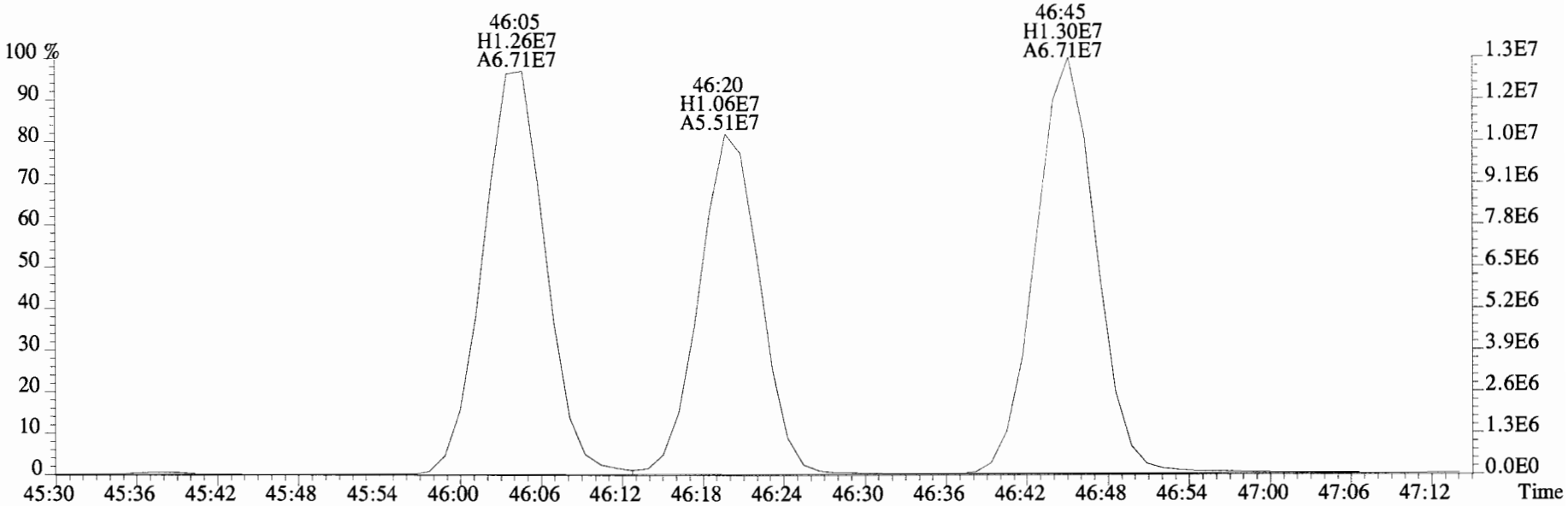
373.8788 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14708.0,0.00%,F,F)



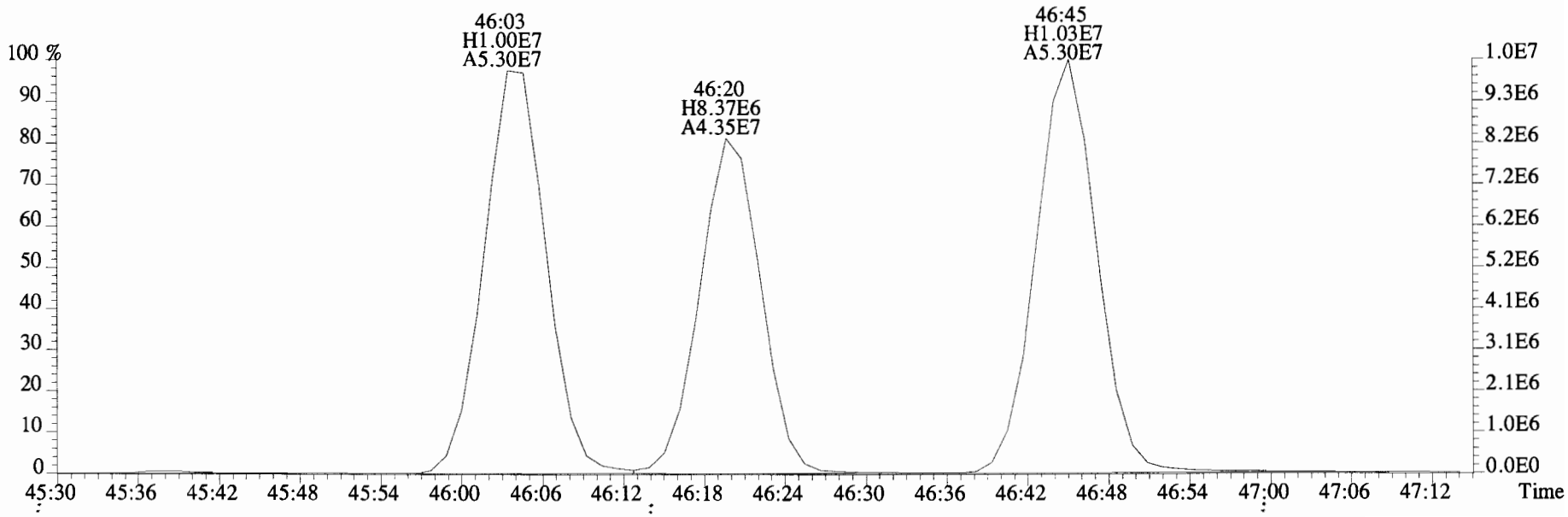
380.9760 S:10 F:4



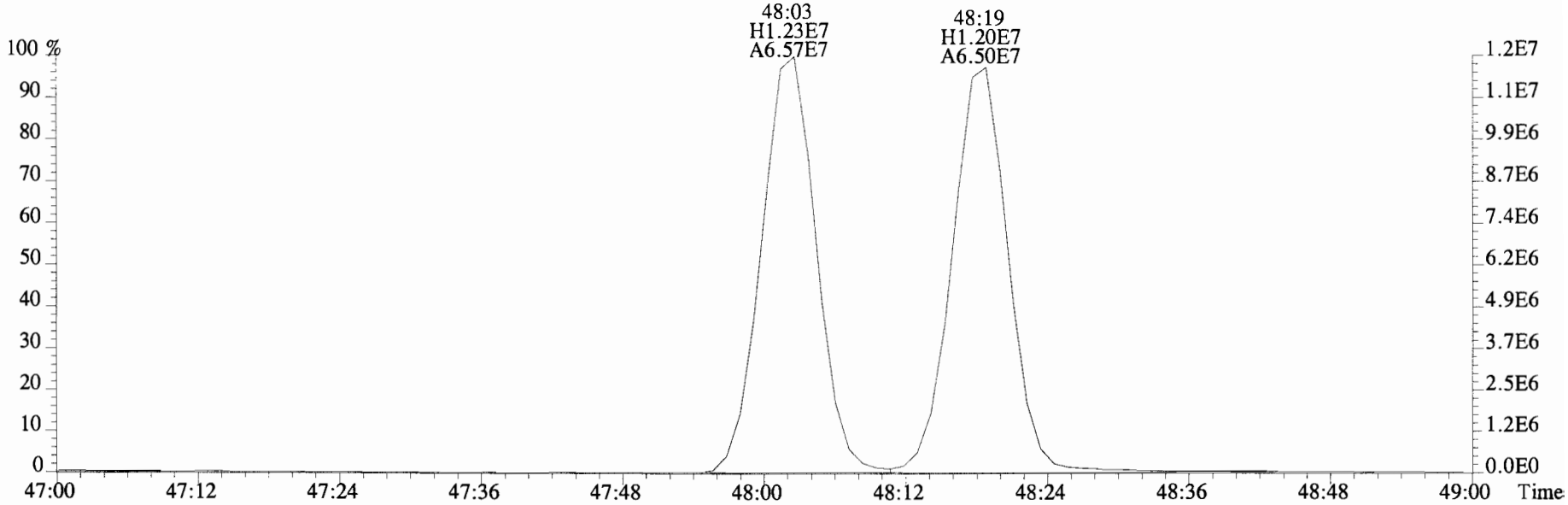
File:180315E1 #1-574 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
371.8817 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13392.0,0.00%,F,F)



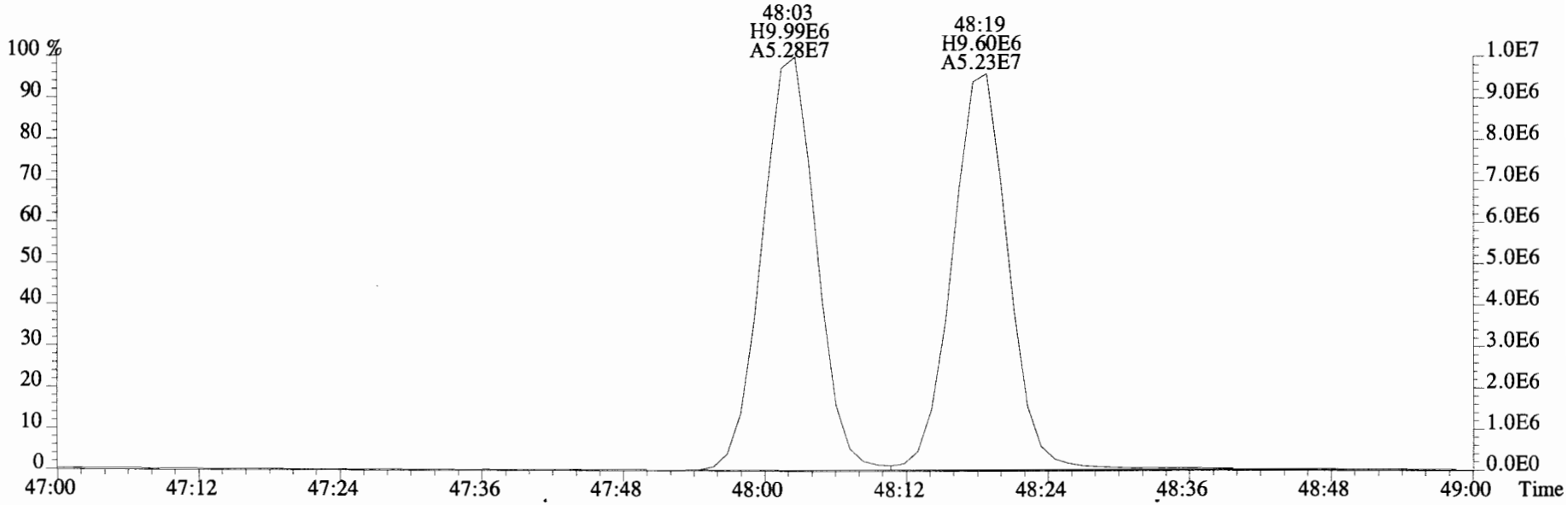
373.8788 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14708.0,0.00%,F,F)



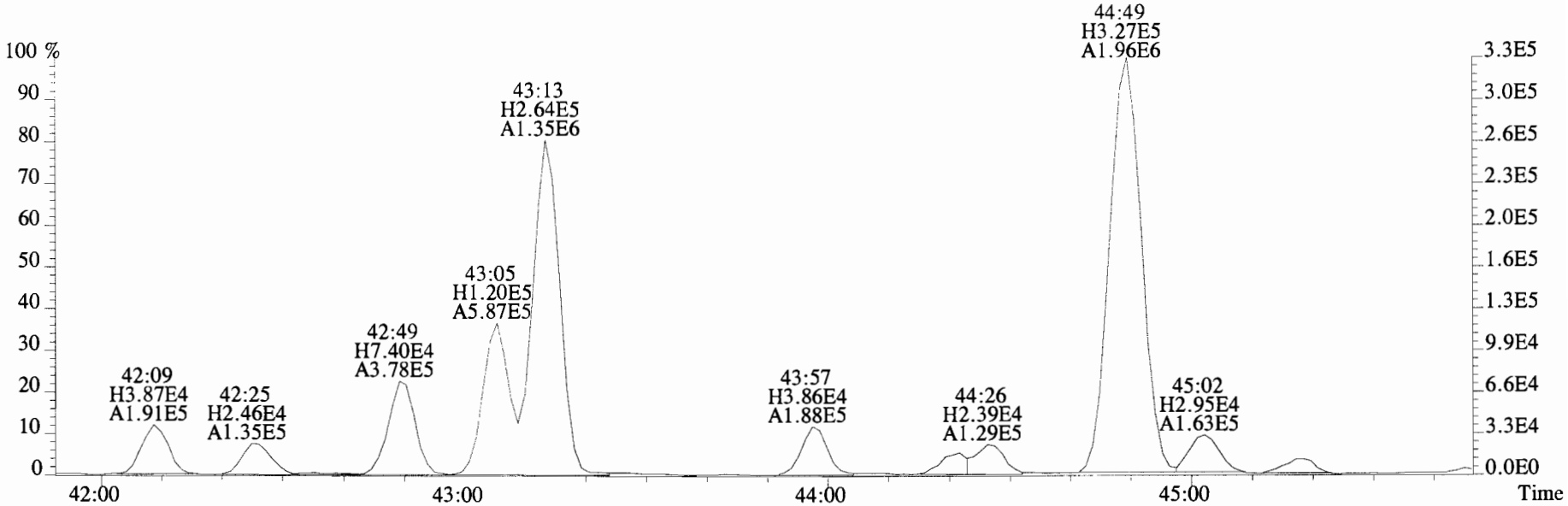
File:180315E1 #1-574 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
371.8817 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13392.0,0.00%,F,F)



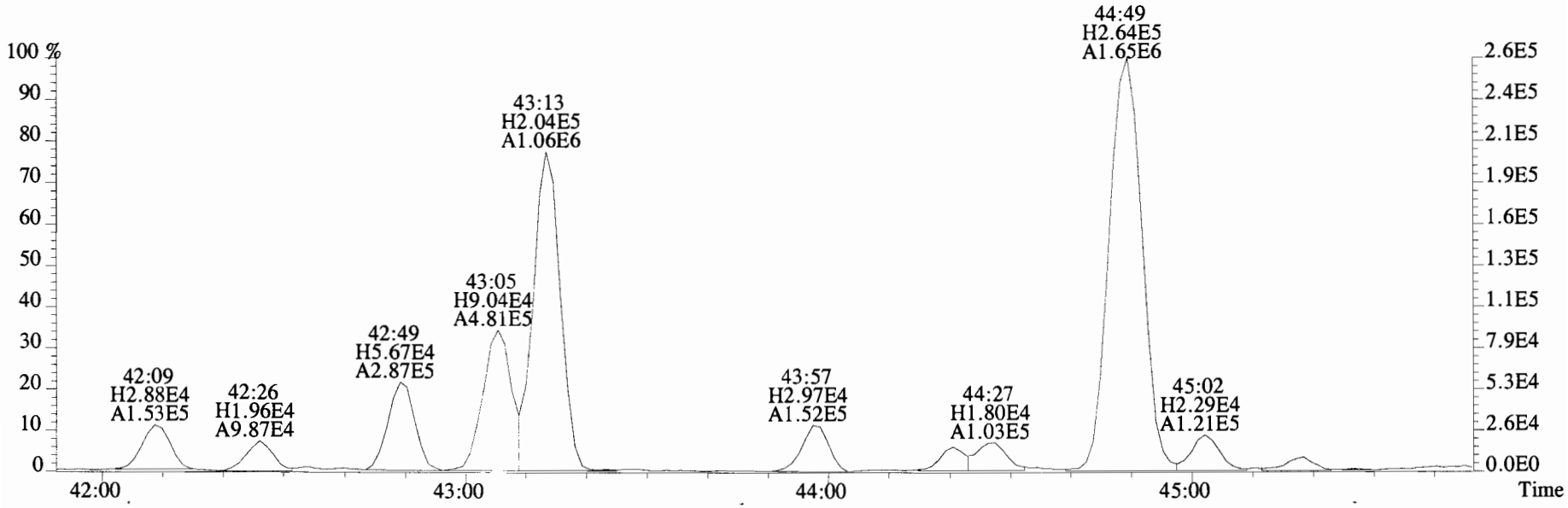
373.8788 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14708.0,0.00%,F,F)



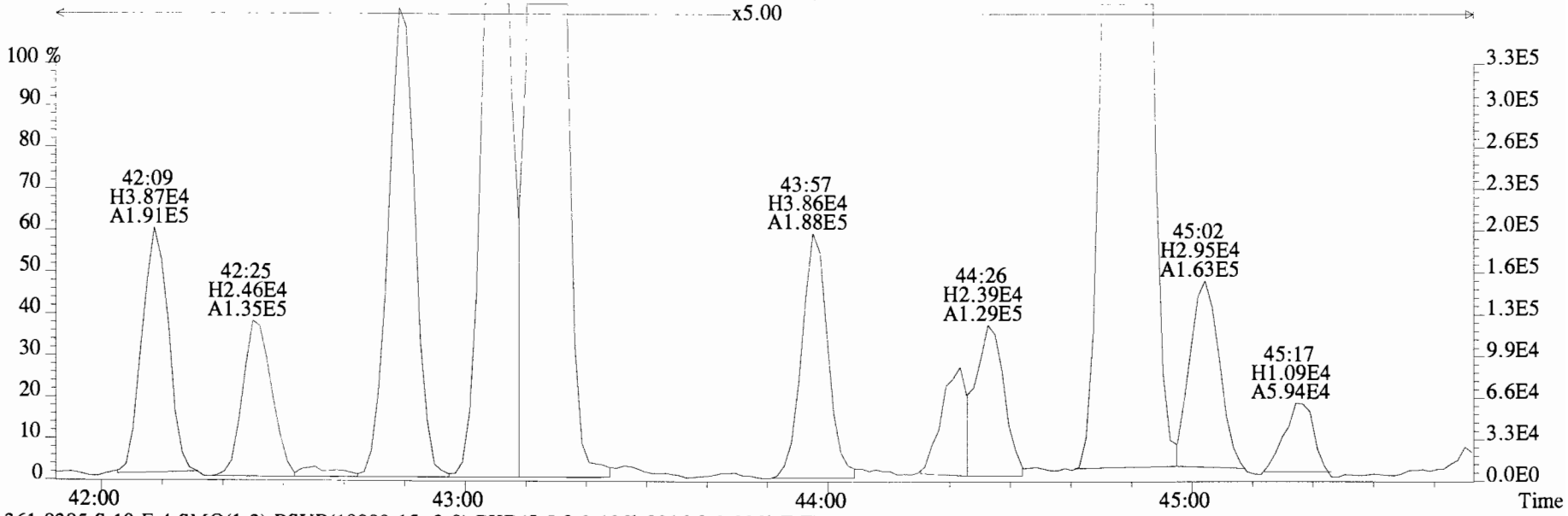
File:180315E1 #1-574 Acq:15-MAR-2018 19:15:45 GC El+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
359.8415 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1728.0,0.00%,F,F)



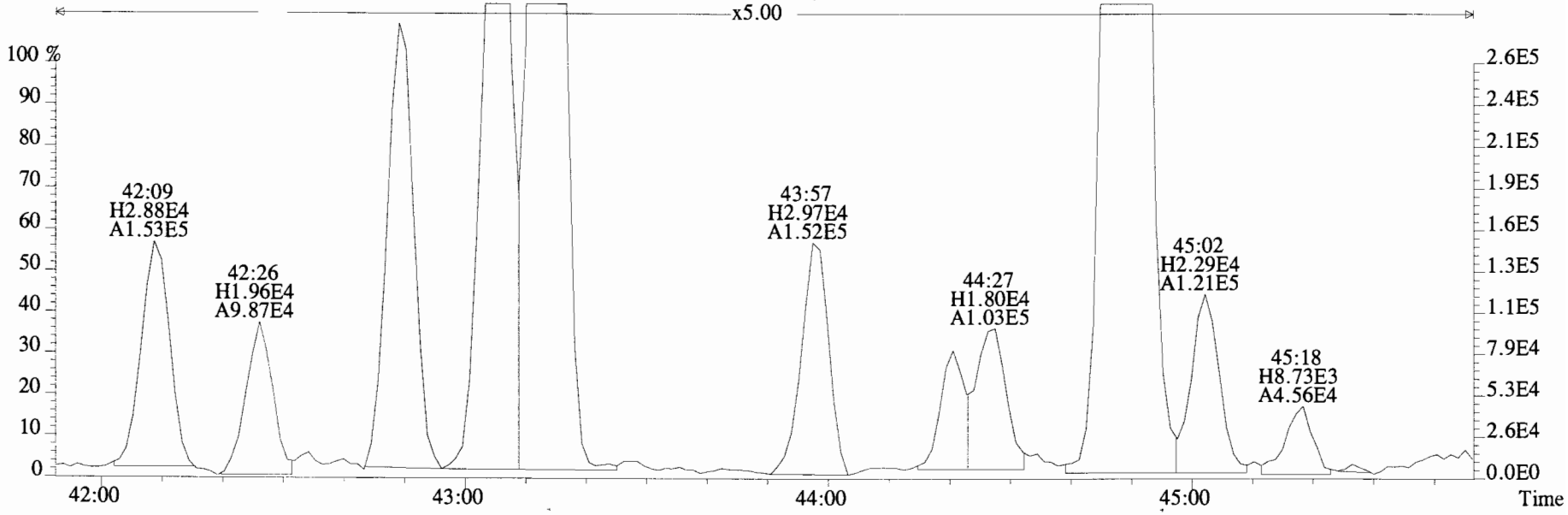
361.8385 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



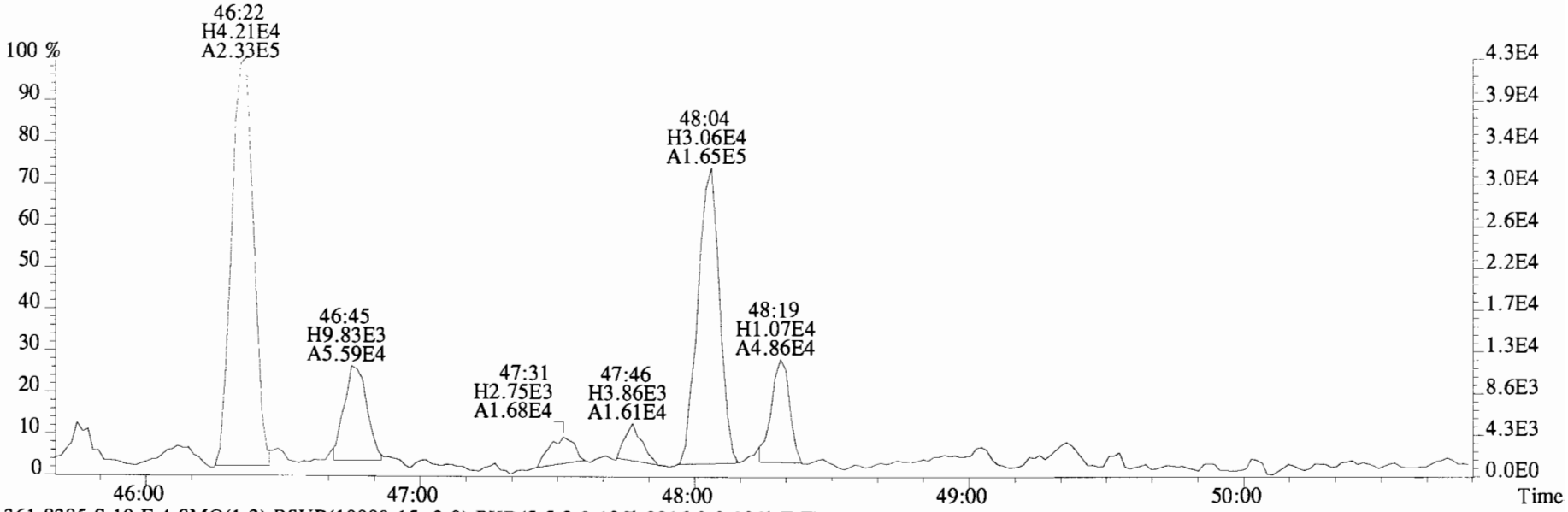
File:180315E1 #1-574 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
359.8415 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1728.0,0.00%,F,F)



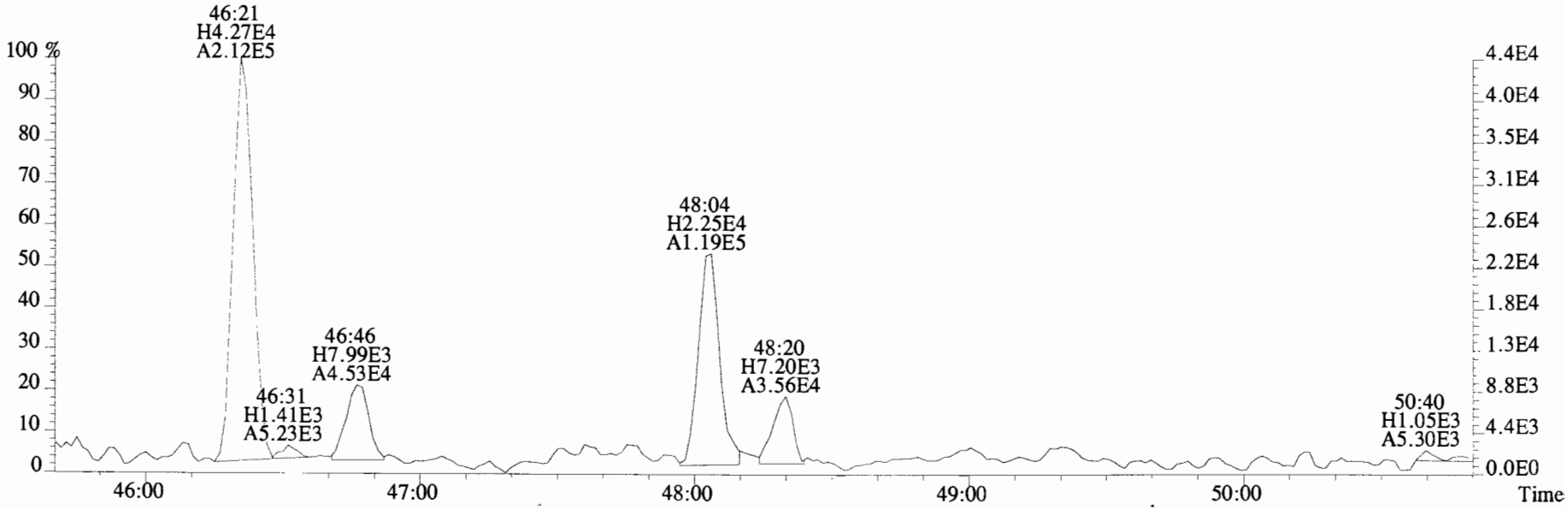
361.8385 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



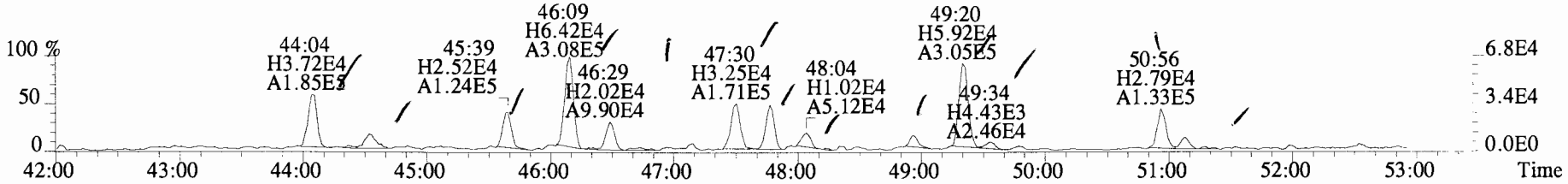
File:180315E1 #1-574 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
359.8415 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1728.0,0.00%,F,F)



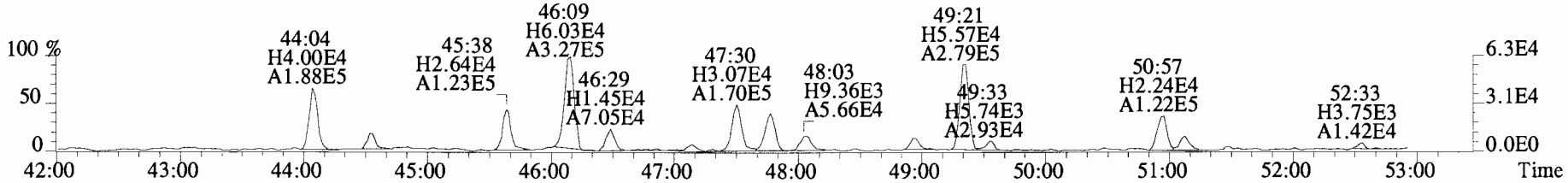
361.8385 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



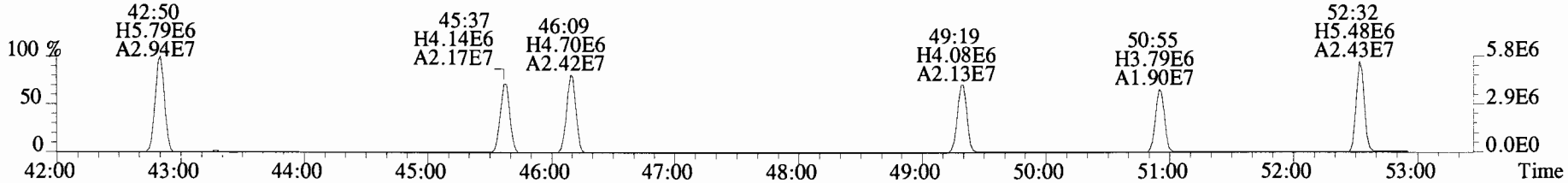
File:180315E1 #1-574 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
393.8025 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3228.0,0.00%,F,F)



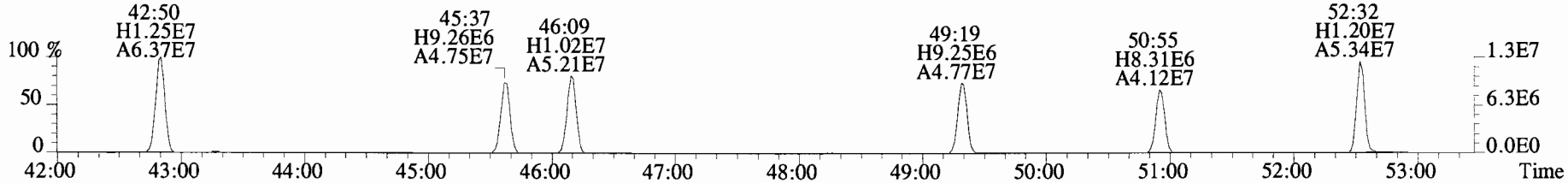
395.7995 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2000.0,0.00%,F,F)



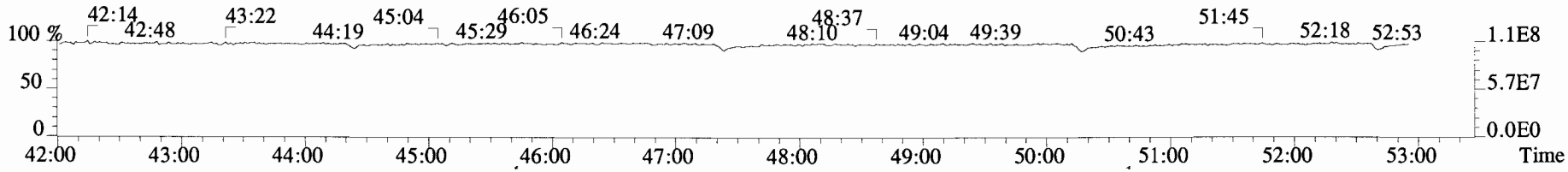
403.8457 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5080.0,0.00%,F,F)



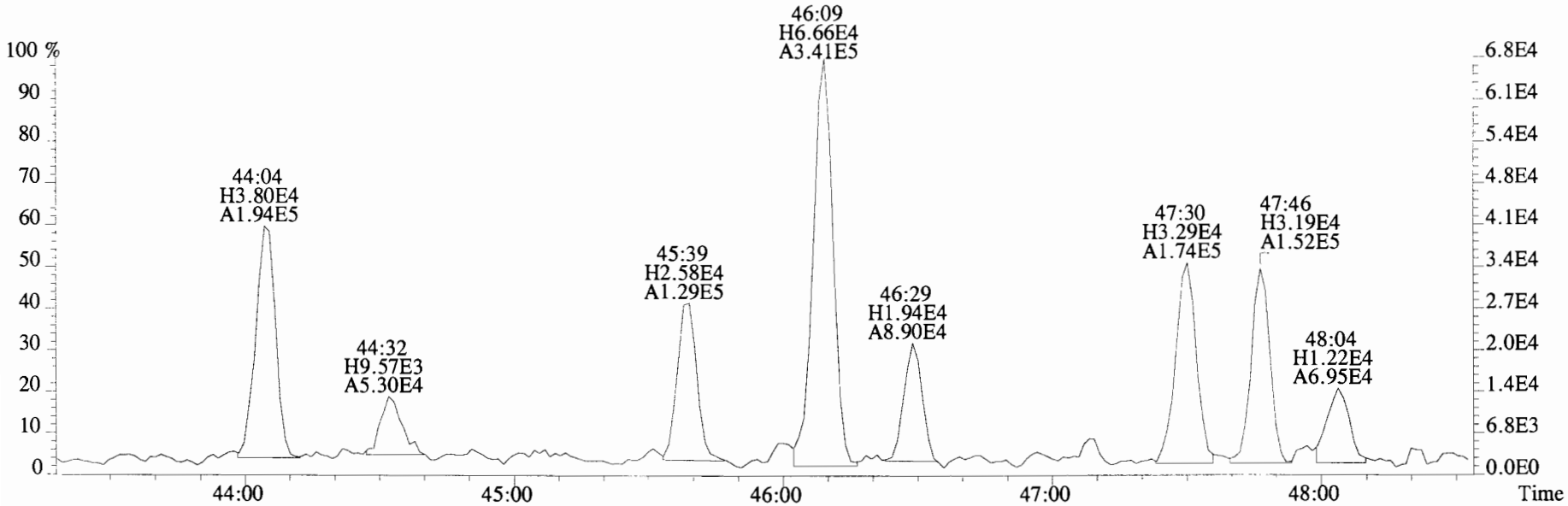
405.8428 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9992.0,0.00%,F,F)



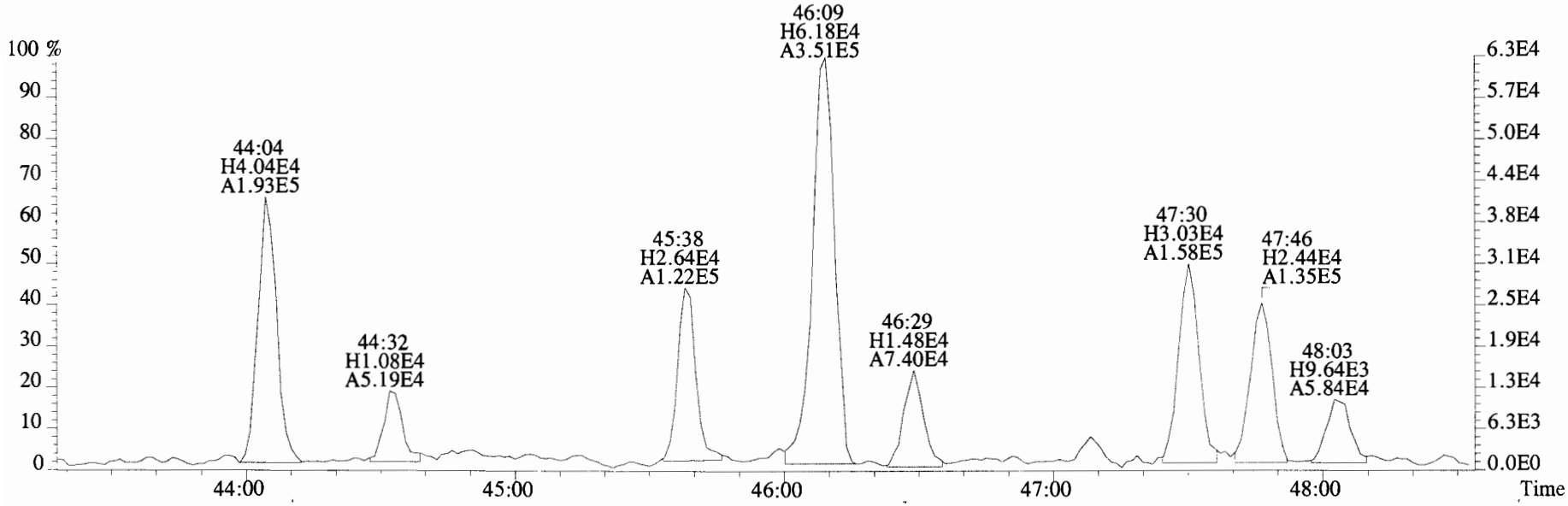
380.9760 S:10 F:4



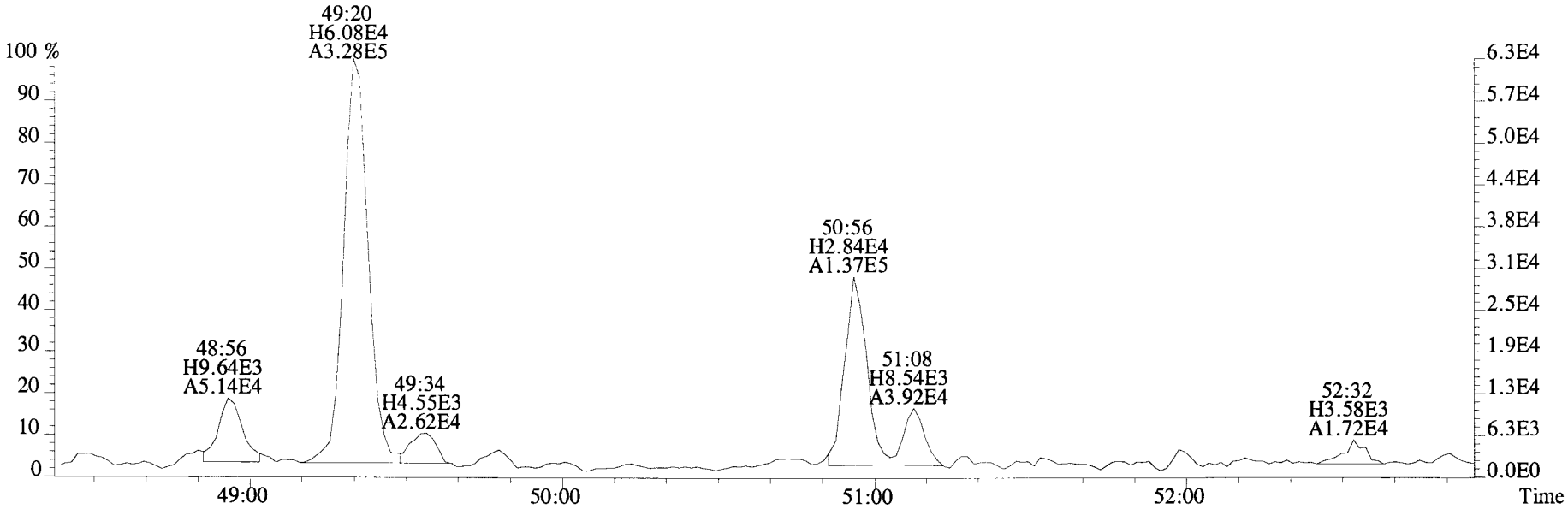
File:180315E1 #1-574 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
393.8025 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3228.0,0.00%,F,F)



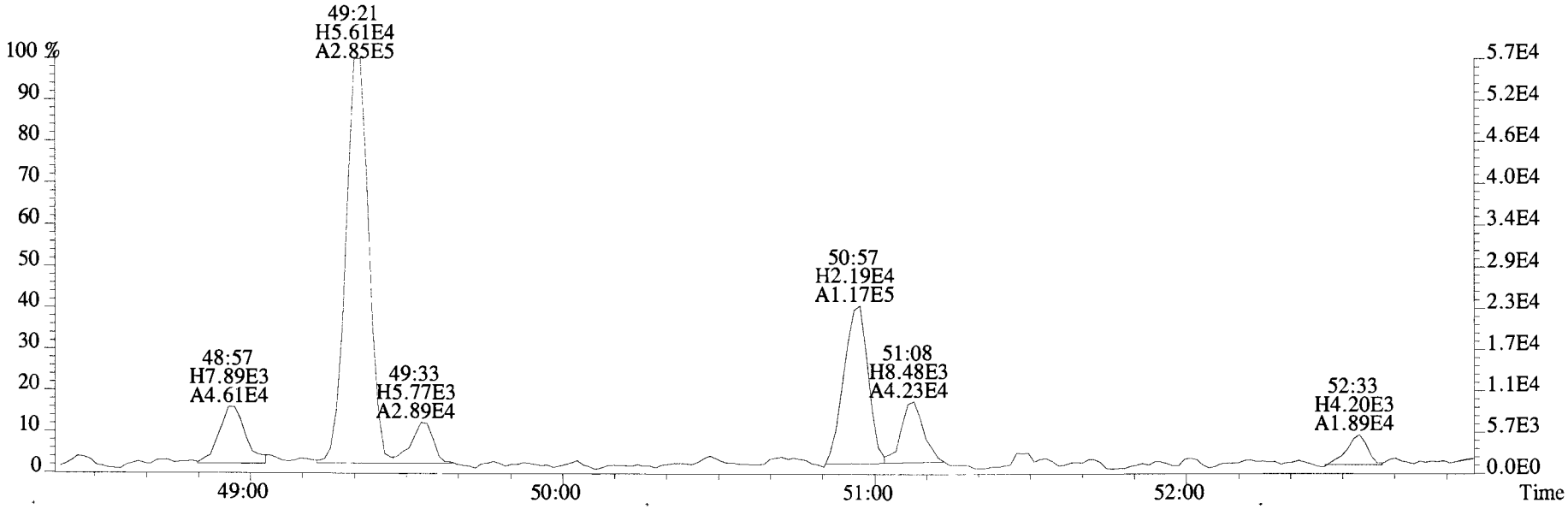
395.7995 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2000.0,0.00%,F,F)



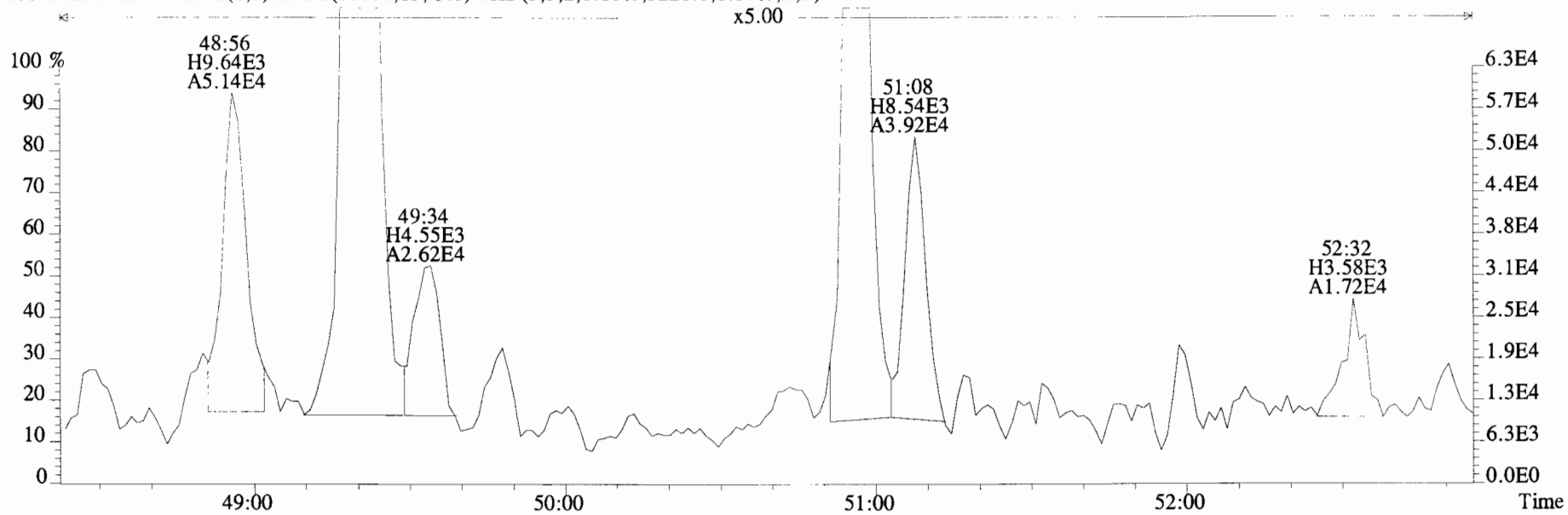
File:180315E1 #1-574 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
393.8025 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3228.0,0.00%,F,F)



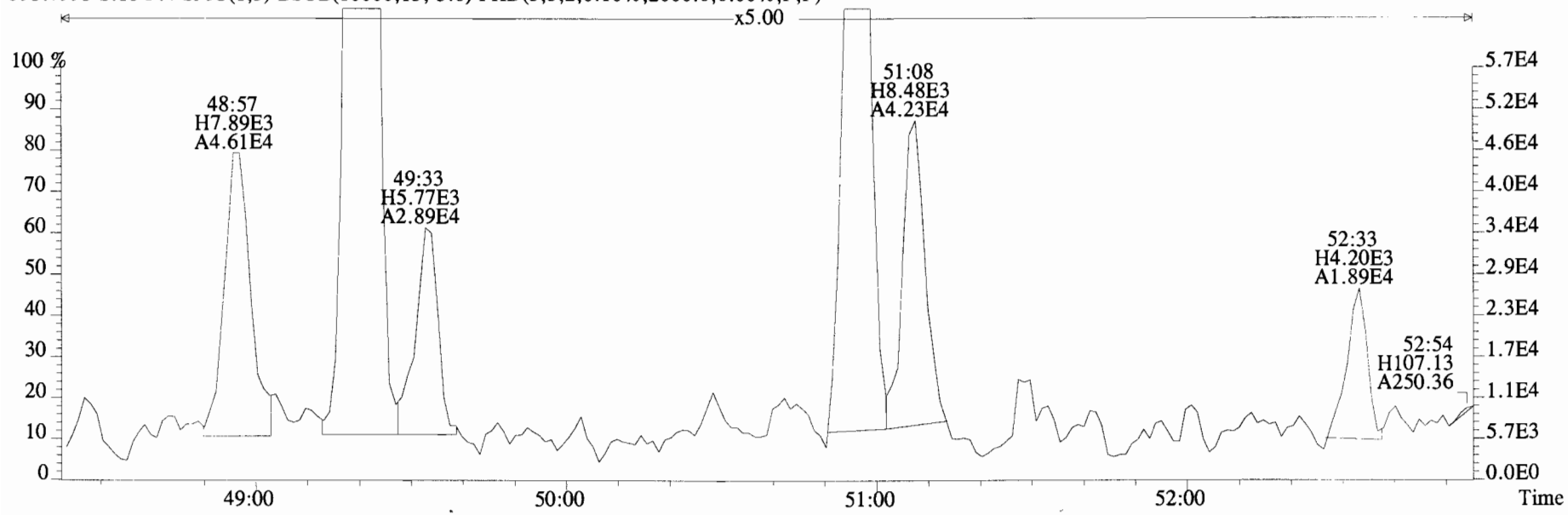
395.7995 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2000.0,0.00%,F,F)



File:180315E1 #1-574 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
393.8025 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3228.0,0.00%,F,F)

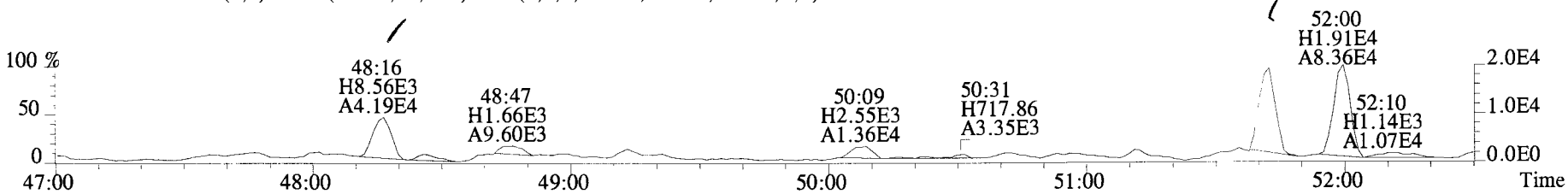


395.7995 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2000.0,0.00%,F,F)

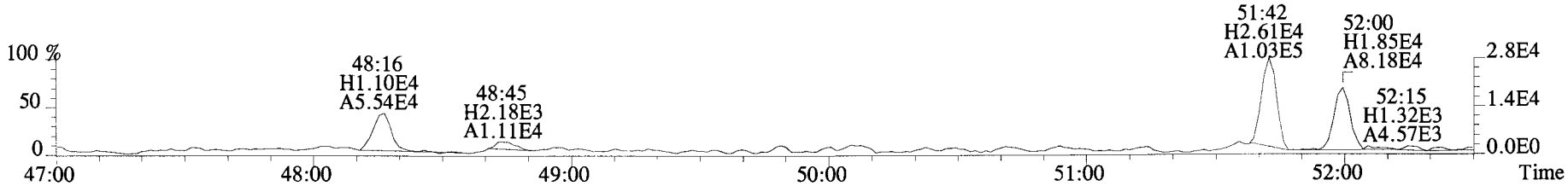


File:180315E1 #1-574 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1

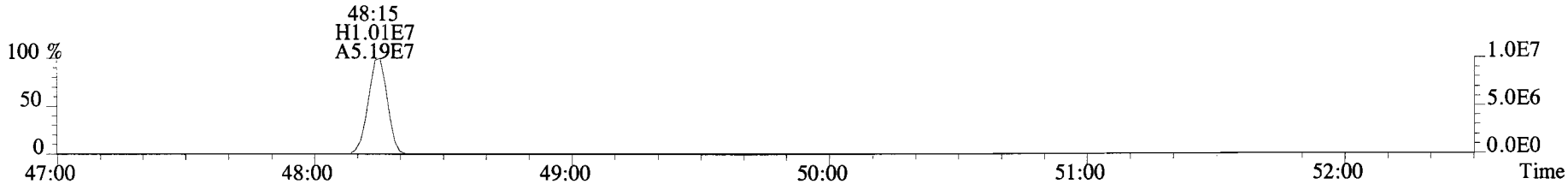
427.7635 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1648.0,0.00%,F,F)



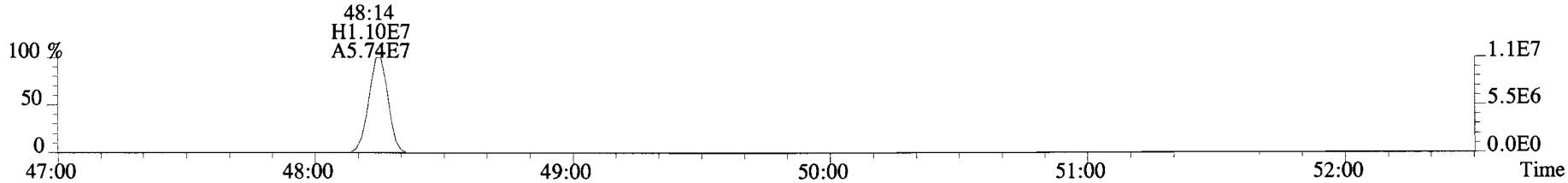
429.7606 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2020.0,0.00%,F,F)



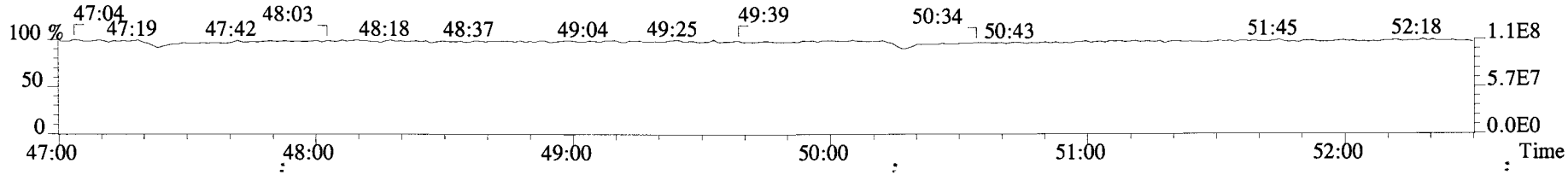
439.8038 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1952.0,0.00%,F,F)



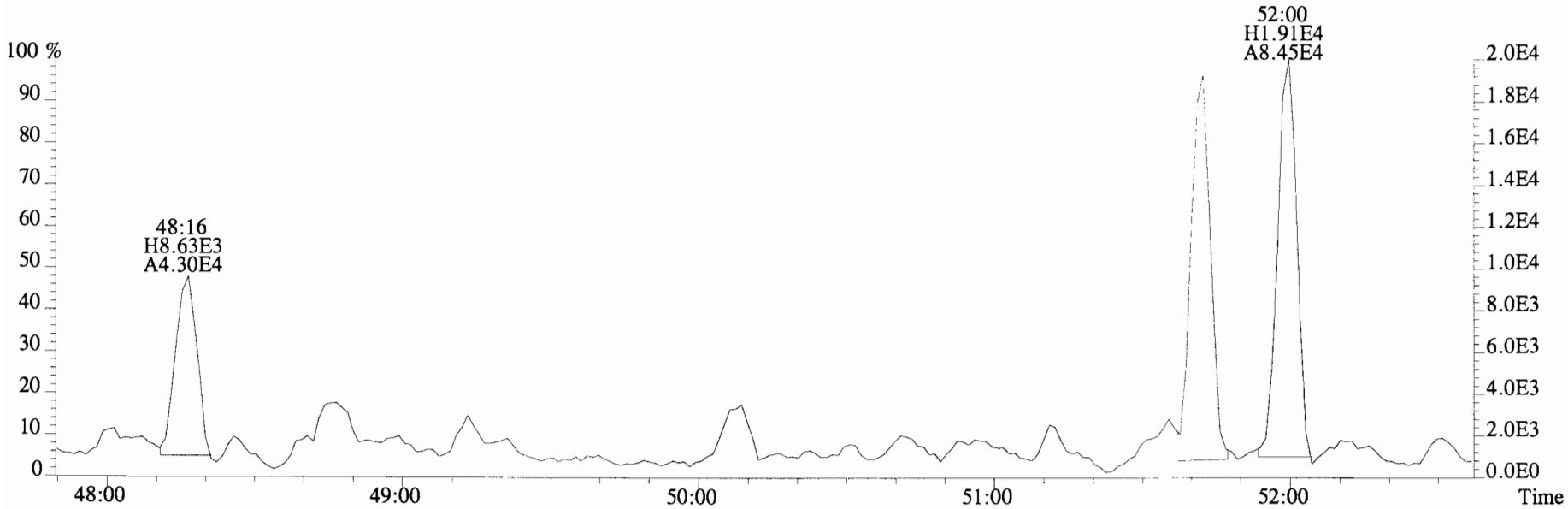
441.8008 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2824.0,0.00%,F,F)



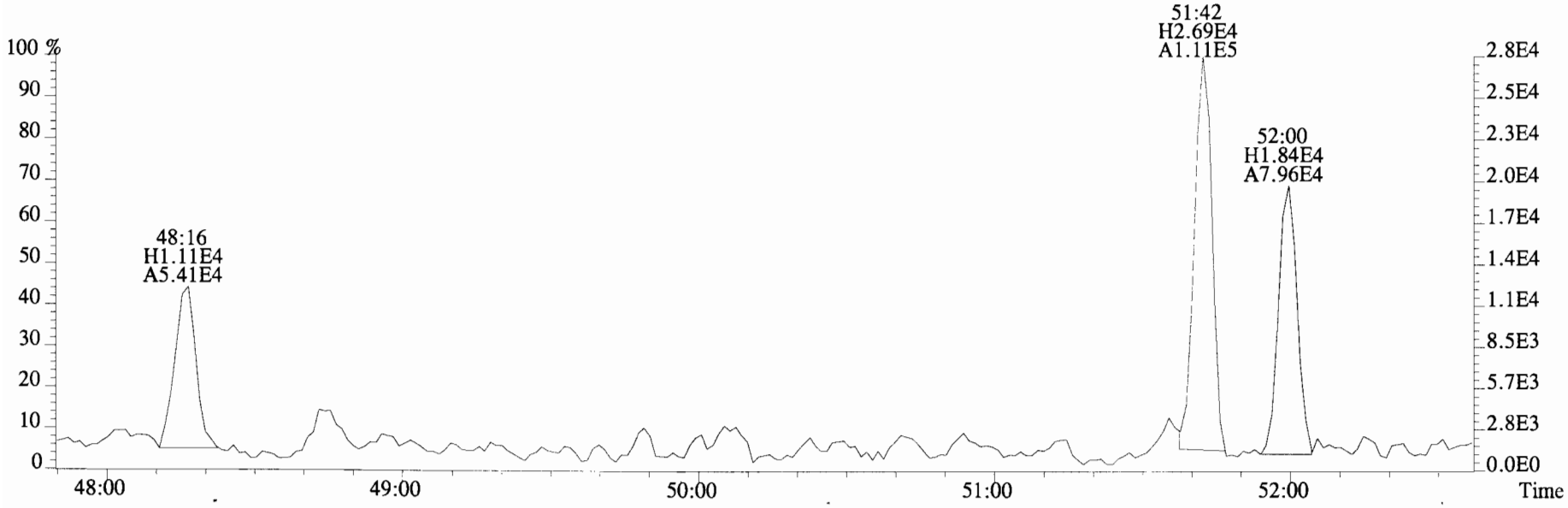
380.9760 S:10 F:4



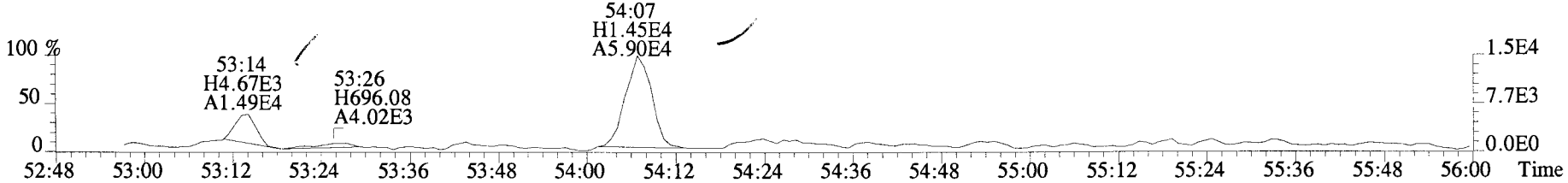
File:180315E1 #1-574 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
427.7635 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1648.0,0.00%,F,F)



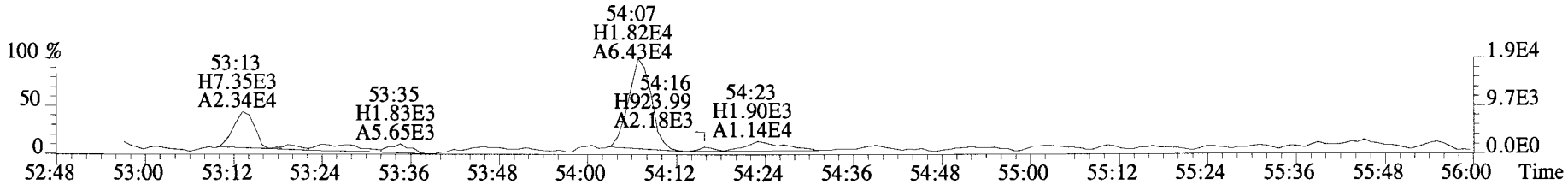
429.7606 S:10 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2020.0,0.00%,F,F)



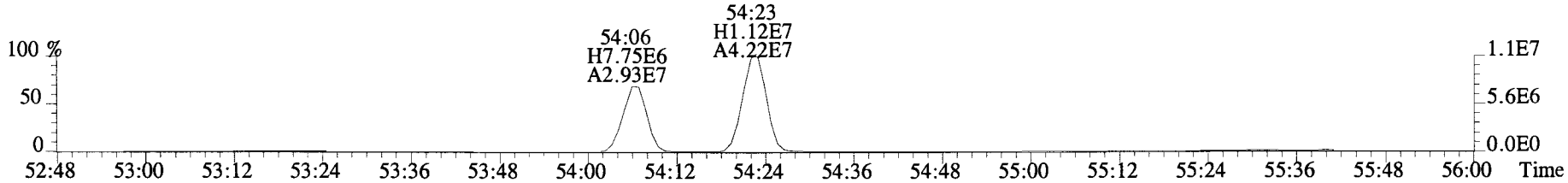
File:180315E1 #1-407 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
427.7635 S:10 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1316.0,0.00%,F,F)



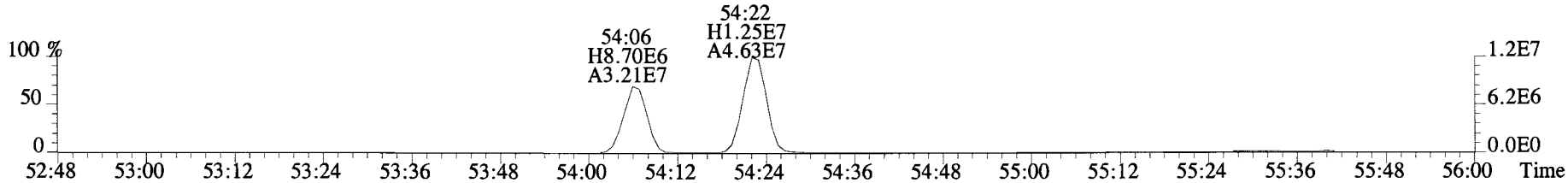
429.7606 S:10 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1524.0,0.00%,F,F)



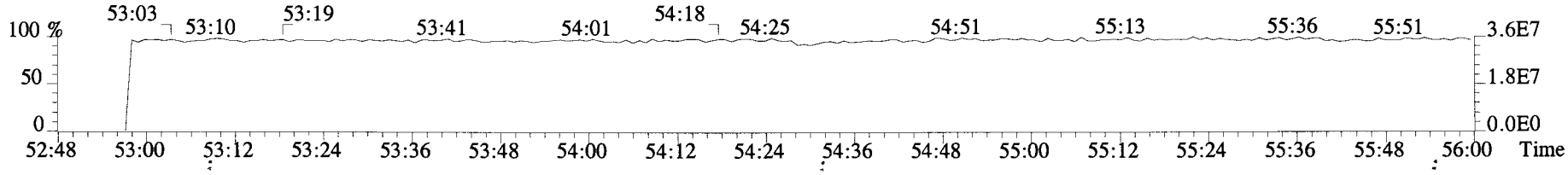
439.8038 S:10 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9576.0,0.00%,F,F)



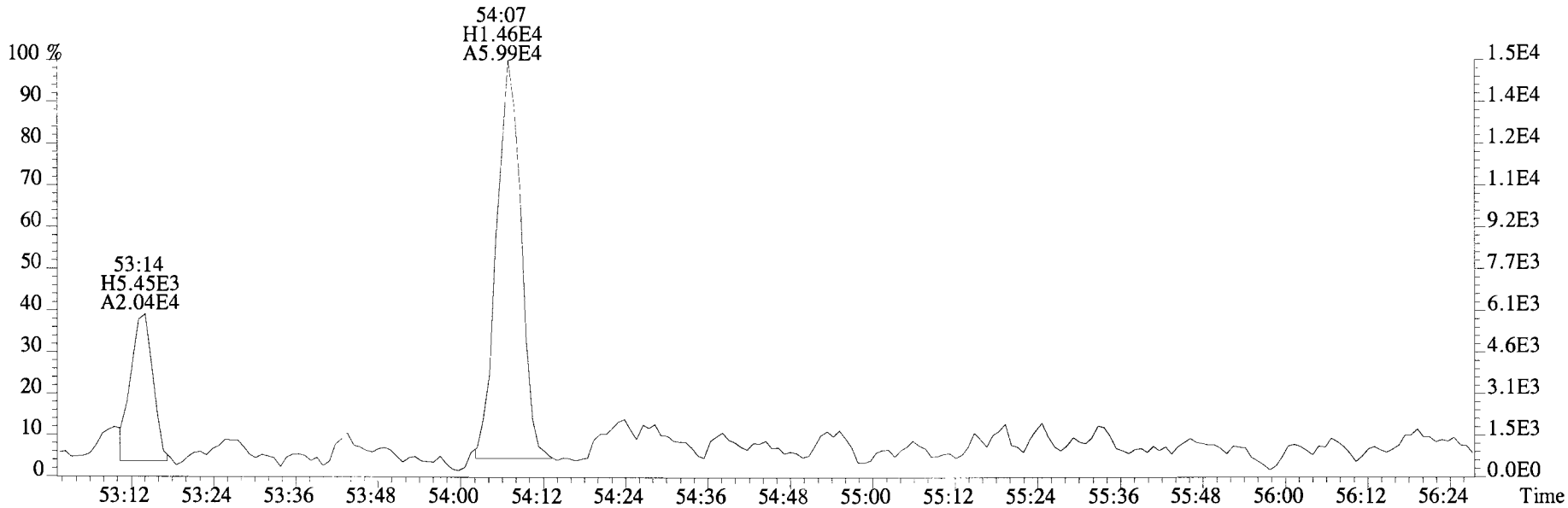
441.8008 S:10 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5652.0,0.00%,F,F)



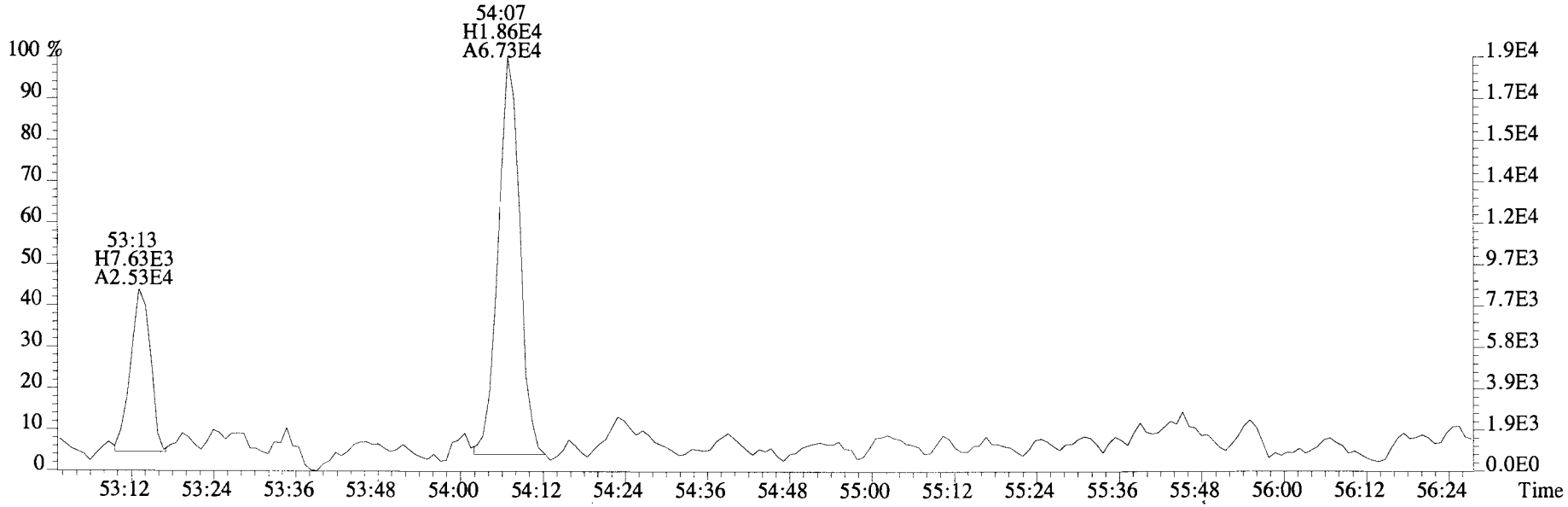
492.9697 S:10 F:5



File:180315E1 #1-407 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
427.7635 S:10 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1316.0,0.00%,F,F)

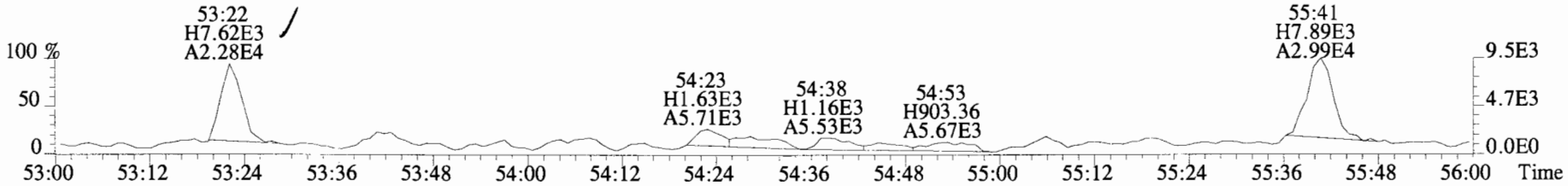


429.7606 S:10 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1524.0,0.00%,F,F)

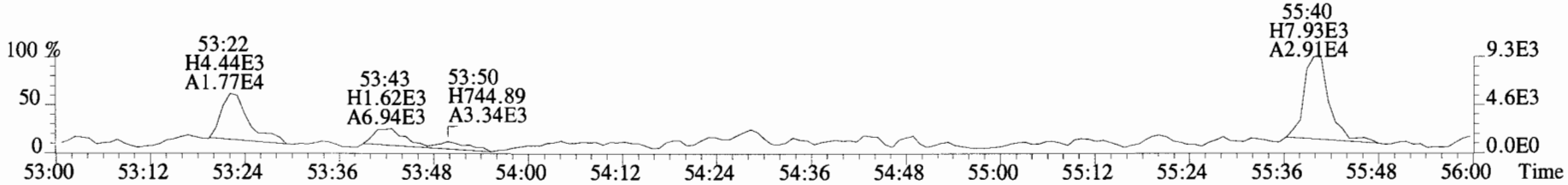


File:180315E1 #1-407 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1

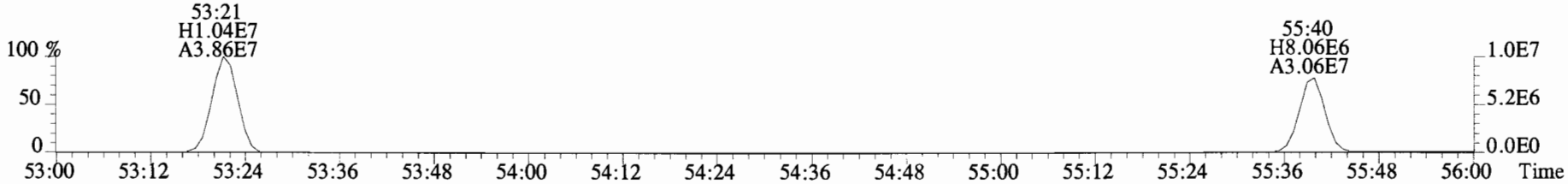
463.7216 S:10 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1396.0,0.00%,F,F)



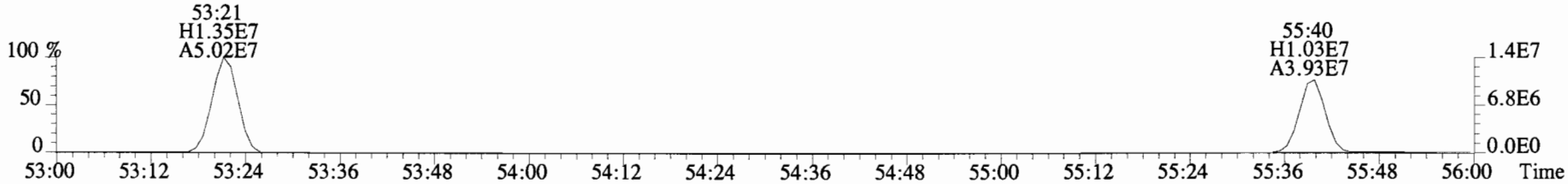
465.7186 S:10 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1332.0,0.00%,F,F)



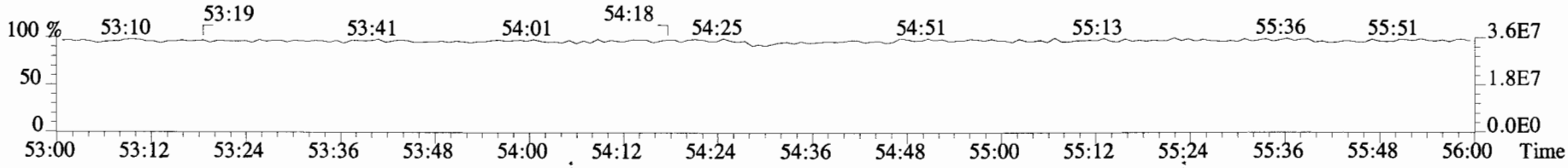
473.7648 S:10 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13260.0,0.00%,F,F)



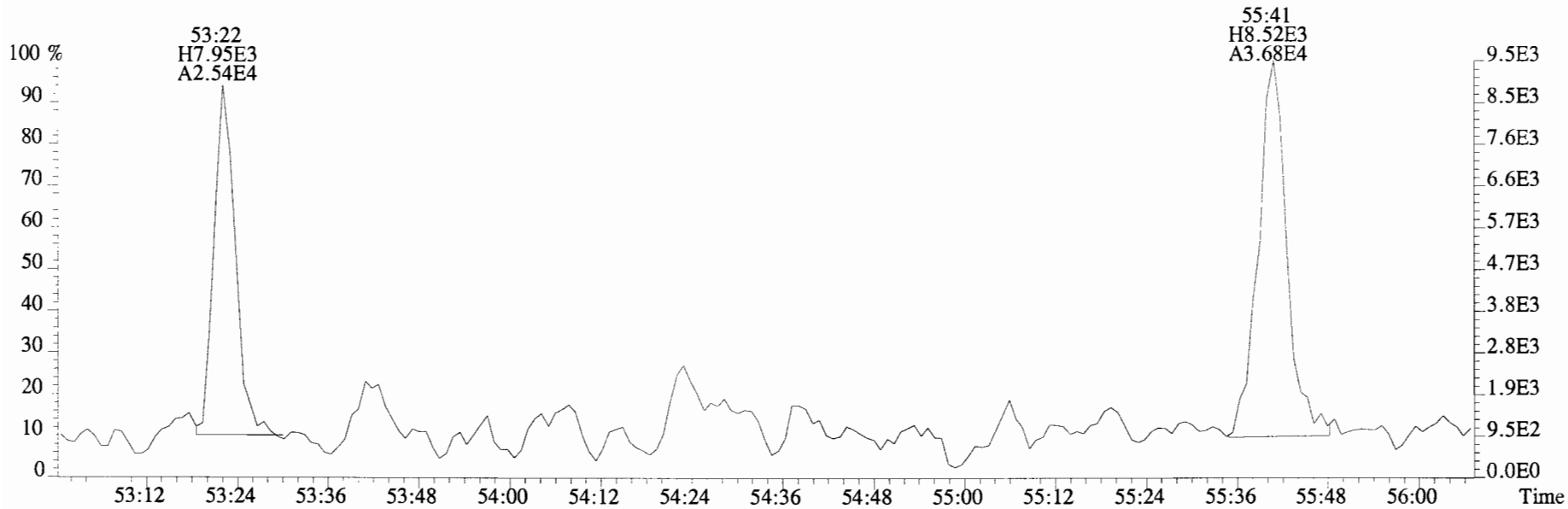
475.7619 S:10 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16412.0,0.00%,F,F)



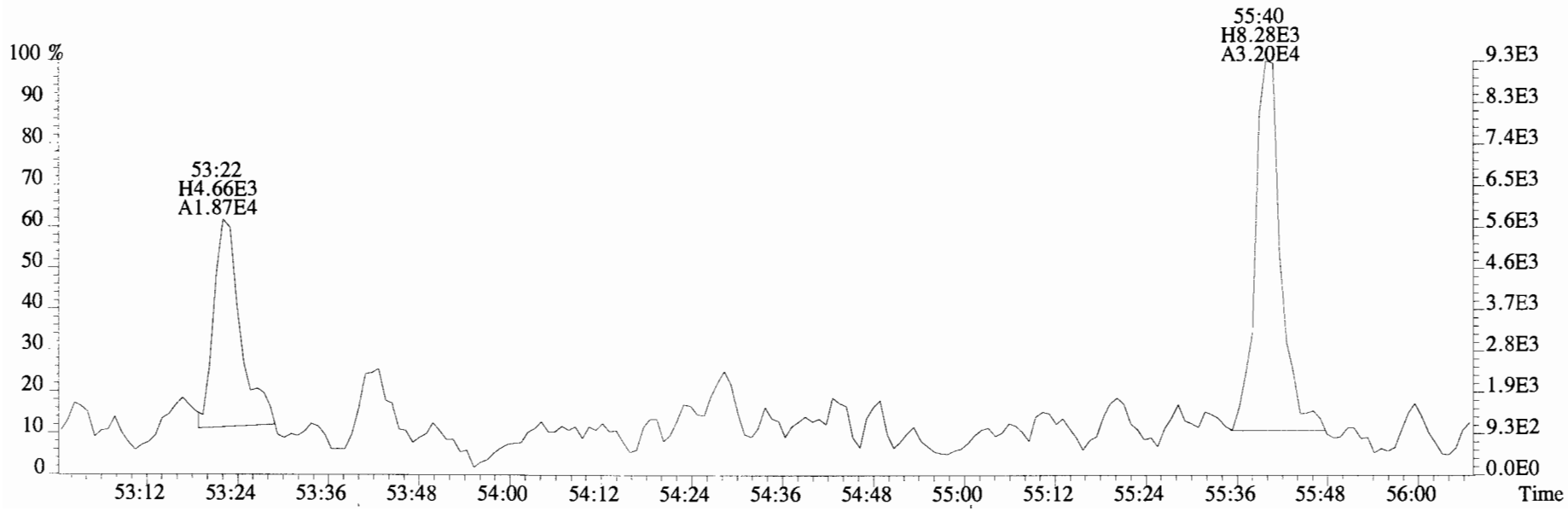
492.9697 S:10 F:5



File:180315E1 #1-407 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
463.7216 S:10 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1396.0,0.00%,F,F)

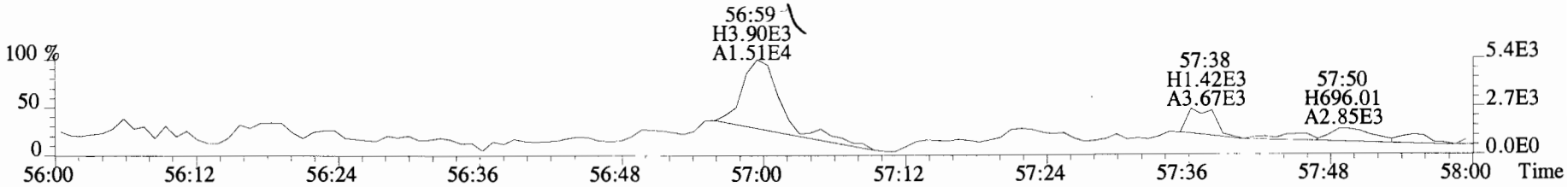


465.7186 S:10 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1332.0,0.00%,F,F)

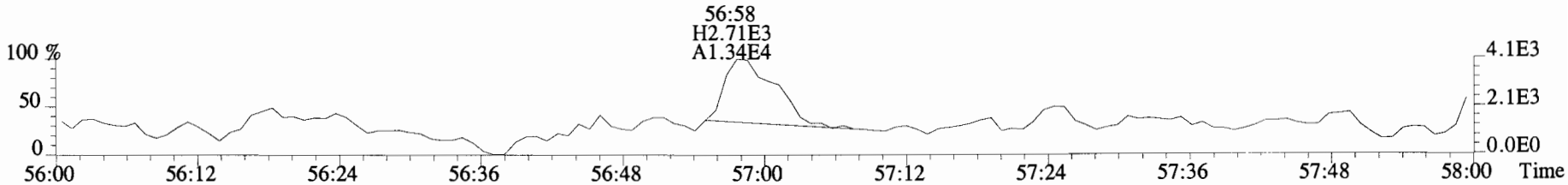


File:180315E1 #1-407 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1

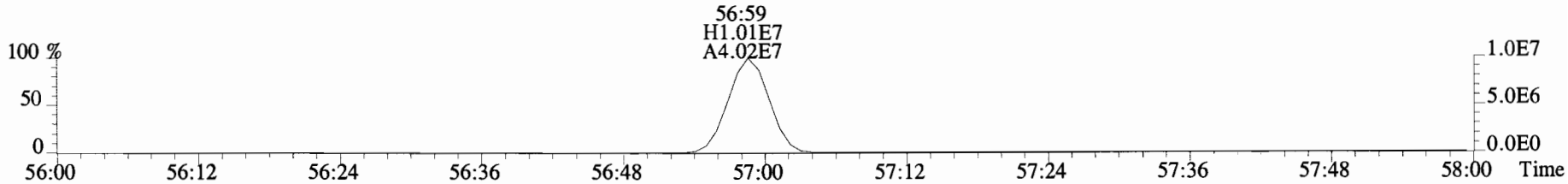
497.6826 S:10 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1304.0,0.00%,F,F)



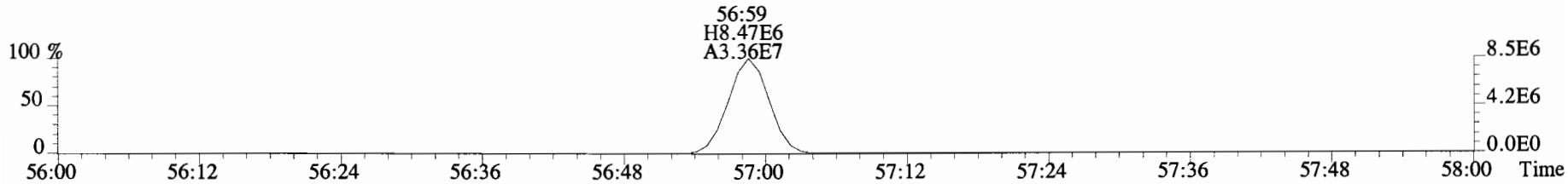
499.6797 S:10 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1536.0,0.00%,F,F)



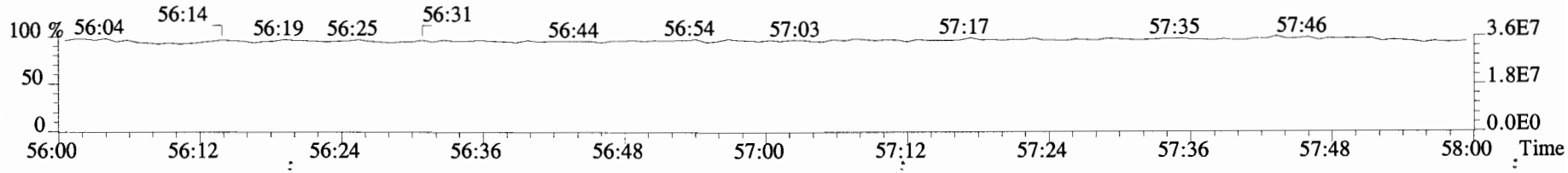
509.7229 S:10 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1460.0,0.00%,F,F)



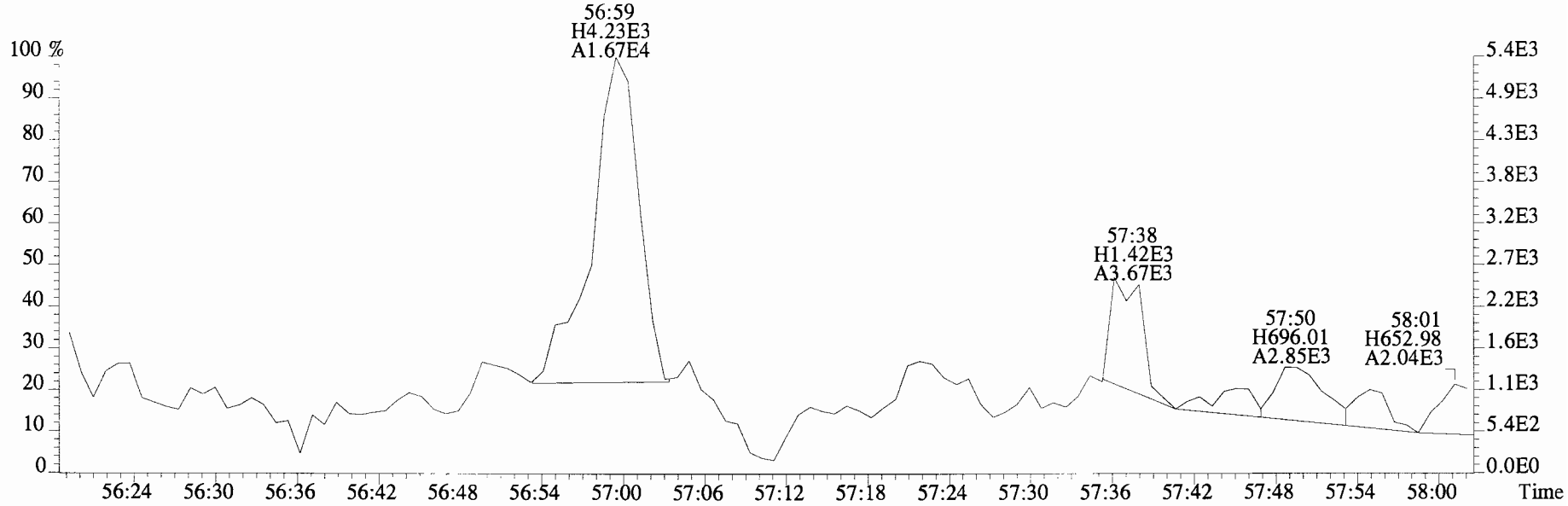
511.7199 S:10 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1504.0,0.00%,F,F)



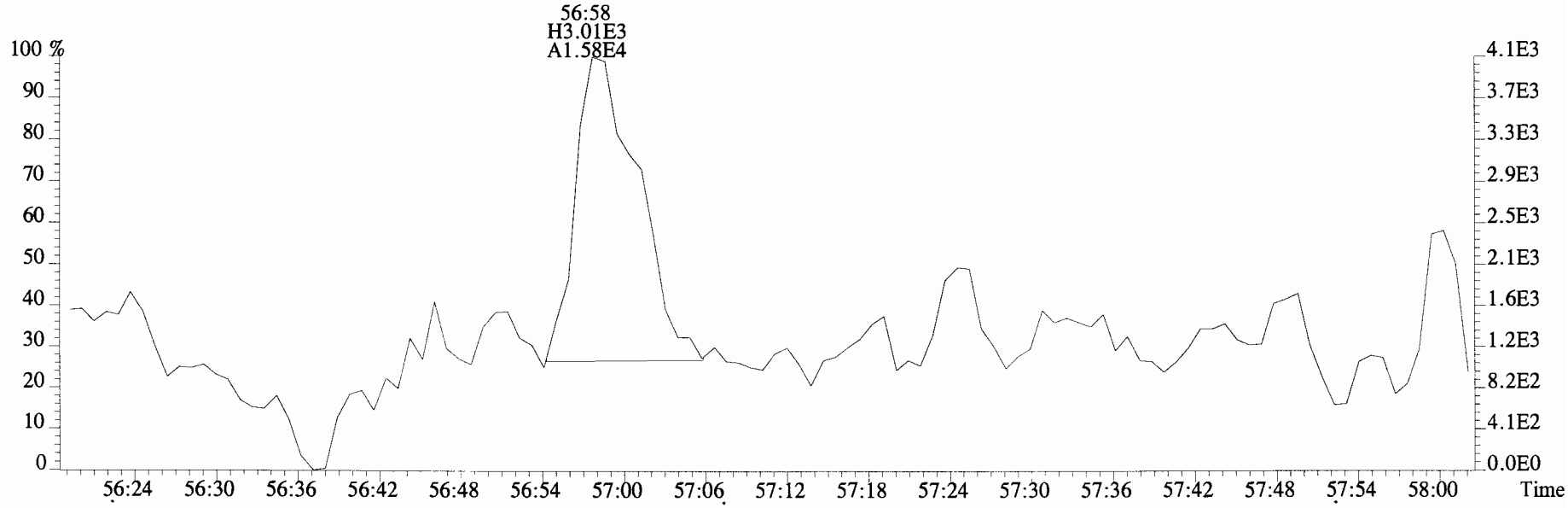
492.9697 S:10 F:5



File:180315E1 #1-407 Acq:15-MAR-2018 19:15:45 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 File Text:Vista Analytical Laboratory VG-8 Text:1701075-06 OWS-THIS-T170815151728 1 Exp:PCB_ZB1
497.6826 S:10 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:10 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1536.0,0.00%,F,F)



Client ID: OWS-WAFO-T170815151141 Filename: 180315E1 S:11 Acq:15-MAR-18 20:20:57 ~~ConCal~~: ST180315E1-1
Lab ID: 1701075-07 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 0.960 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Mono	PCB-1	4.78e+06	2.90	y 16:02	1.07	91.08		*	2.5	*	1.002	0.996-1.006
Mono	PCB-2	1.46e+05	2.82	y 18:26	1.06	2.541		*	2.5	*	0.988	0.983-0.993
Mono	PCB-3	1.31e+06	2.69	y 18:40	1.06	22.66		*	2.5	*	1.001	0.996-1.006
Di	PCB-4/10	1.64e+08	1.57	y 20:02	1.24	4496		*	2.5	*	1.002	0.998-1.008
Di	PCB-7/9	*	*	n NotF	0.99	*		39500	1.0	7.84	*	0.863-0.871
Di	PCB-6	1.21e+06	1.45	y 22:29	1.06	24.10		*	2.5	*	0.893	0.888-0.897
Di	PCB-5/8	3.96e+06	1.56	y 22:52	1.03	81.30		*	2.5	*	0.908	0.904-0.913
Di	PCB-14	*	*	n NotF	1.03	*		3510	2.5	1.59	*	0.948-0.958
Di	PCB-11	6.81e+05	1.49	y 25:12	1.11	11.34		*	2.5	*	1.000	0.996-1.006
Di	PCB-12/13	1.26e+06	1.72	y 25:34	1.02	22.97		*	2.5	*	1.015	1.011-1.021
Di	PCB-15	1.52e+07	1.57	y 25:55	1.05	266.0		*	2.5	*	1.029	1.023-1.033
Tri	PCB-19	6.74e+07	1.04	y 24:11	1.20	1405		*	2.5	*	1.001	0.996-1.006
Tri	PCB-30	8.20e+04	1.24	n 25:05	1.93	1.062	R	*	2.5	*	1.038	1.034-1.044
Tri	PCB-18	2.53e+07	1.04	y 25:50	0.91	440.1		*	2.5	*	0.954	0.948-0.958
Tri	PCB-17	2.06e+07	1.05	y 26:00	0.84	388.4		*	2.5	*	0.960	0.955-0.965
Tri	PCB-24/27	4.19e+07	1.04	y 26:34	1.15	578.1		*	2.5	*	0.981	0.977-0.986
Tri	PCB-16/32	2.20e+07	1.05	y 27:06	1.02	343.0		*	2.5	*	1.000	0.995-1.005
Tri	PCB-34	7.27e+05	0.90	y 27:54	0.96	12.81		*	2.5	*	0.960	0.955-0.965
Tri	PCB-23	*	*	n NotF	0.95	*		2660	2.5	1.18	*	0.958-0.968
Tri	PCB-29	*	*	n NotF	0.96	*		2660	2.5	1.17	*	0.966-0.976
Tri	PCB-26	1.39e+07	1.04	y 28:27	1.00	234.0		*	2.5	*	0.979	0.974-0.984
Tri	PCB-25	3.64e+06	1.06	y 28:37	1.06	58.33		*	2.5	*	0.985	0.980-0.990
Tri	PCB-31	2.70e+07	1.04	y 28:58	1.10	415.2		*	2.5	*	0.997	0.992-1.002
Tri	PCB-28	1.81e+07	1.06	y 29:04	1.14	269.8		*	2.5	*	1.000	0.995-1.005
Tri	PCB-20/21/33	1.38e+06	1.07	y 29:43	1.00	23.37		*	2.5	*	1.023	1.017-1.027
Tri	PCB-22	2.18e+06	1.09	y 30:08	1.09	33.98		*	2.5	*	1.037	1.032-1.042
Tri	PCB-36	6.43e+04	0.97	y 30:44	1.15	1.001		*	2.5	*	0.933	0.929-0.939
Tri	PCB-39	2.81e+05	1.06	y 31:14	1.07	4.698		*	2.5	*	0.948	0.943-0.953
Tri	PCB-38	3.91e+05	0.99	y 31:59	1.10	6.354		*	2.5	*	0.971	0.966-0.976
Tri	PCB-35	1.57e+05	0.95	y 32:31	1.12	2.505		*	2.5	*	0.987	0.982-0.992
Tri	PCB-37	4.66e+06	1.06	y 32:57	1.11	75.00		*	2.5	*	1.000	0.996-1.006
Tetra	PCB-54	1.65e+06	0.80	y 27:56	1.07	29.11		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-50	3.20e+05	0.84	y 29:07	0.87	6.921		*	2.5	*	1.043	1.038-1.048
Tetra	PCB-53	1.60e+07	0.78	y 29:45	1.01	336.6		*	2.5	*	0.945	0.940-0.950
Tetra	PCB-51	2.90e+06	0.76	y 30:06	1.10	55.96		*	2.5	*	0.956	0.952-0.962
Tetra	PCB-45	5.09e+06	0.79	y 30:32	0.87	124.0		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-46	1.62e+06	0.77	y 31:02	0.84	41.03		*	2.5	*	0.986	0.980-0.990

Integrations by:

Analyst: MS

Date: 3/26/18

Reviewed by: [illegible] Date: 3/28/18

CT 3/28/18

Client ID: OWS-WAFO-T170815151141 Filename: 180315E1 S:11 Acq:15-MAR-18 20:20:57 ConCal: ST180315E1-1
Lab ID: 1701075-07 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 0.960 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Tetra	PCB-52/69	4.14e+07	0.77	y 31:30	1.21	726.1		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-73	1.02e+06	0.86	y 31:38	1.45	14.88		*	2.5	*	1.005	1.000-1.010
Tetra	PCB-43/49	2.93e+07	0.76	y 31:47	1.01	616.2		*	2.5	*	1.010	1.005-1.015
Tetra	PCB-47	1.95e+07	0.79	y 31:59	0.91	411.5		*	2.5	*	1.000	0.995-1.005
Tetra	PCB-48/75	2.94e+06	0.77	y 32:07	1.13	49.55		*	2.5	*	1.004	0.999-1.009
Tetra	PCB-65	2.02e+05	0.83	y 32:21	1.27	3.036		*	2.5	*	1.011	1.007-1.017
Tetra	PCB-62	*	*	n NotF╗	1.10	*		3670	2.5	1.37	*	1.011-1.021
Tetra	PCB-44	1.31e+07	0.77	y 32:47	0.85	292.3		*	2.5	*	1.025	1.020-1.030
Tetra	PCB-42/59	8.37e+06	0.78	y 33:01	1.02	156.9		*	2.5	*	1.032	1.027-1.037
Tetra	PCB-41/64/71/72	2.30e+07	0.79	y 33:36	1.17	377.6		*	2.5	*	1.051	1.046-1.056
Tetra	PCB-68	9.94e+05	0.74	y 33:52	1.28	14.89		*	2.5	*	1.059	1.054-1.064
Tetra	PCB-40	2.25e+06	0.77	y 34:04	0.62	68.86		*	2.5	*	1.065	1.060-1.070
Tetra	PCB-57	4.07e+05	0.82	y 34:26	1.13	5.638		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-67	7.97e+05	0.77	y 34:45	1.10	11.31		*	2.5	*	0.979	0.973-0.983
Tetra	PCB-58	1.06e+05	0.82	y 34:52	1.12	1.475		*	2.5	*	0.982	0.977-0.987
Tetra	PCB-63	1.90e+06	0.83	y 35:01	1.00	29.63		*	2.5	*	0.987	0.981-0.991
Tetra	PCB-74	7.88e+06	0.79	y 35:18	1.18	104.1		*	2.5	*	0.994	0.989-0.999
Tetra	PCB-61/70	1.13e+07	0.80	y 35:31	1.03	172.2		*	2.5	*	1.001	0.994-1.004
Tetra	PCB-76/66	1.36e+07	0.80	y 35:43	1.13	187.3		*	2.5	*	1.006	1.000-1.010
Tetra	PCB-80	*	*	n NotF╗	1.19	*		3670	2.5	1.02	*	0.995-1.005
Tetra	PCB-55	2.51e+05	0.86	y 36:14	1.16	3.334		*	2.5	*	1.008	1.004-1.014
Tetra	PCB-56/60	8.14e+06	0.80	y 36:45	1.04	120.2		*	2.5	*	1.023	1.018-1.028
Tetra	PCB-79	1.09e+05	0.53	n 37:50	1.17	1.435	R	*	2.5	*	1.053	1.047-1.057
Tetra	PCB-78	*	*	n NotF╗	1.10	*		3670	2.5	1.22	*	0.982-0.992
Tetra	PCB-81	*	*	n NotF╗	0.97	*		9700	1.0	1.47	*	0.995-1.005
Tetra	PCB-77	1.11e+06	0.76	y 39:37	1.08	16.85		*	2.5	*	1.000	0.995-1.005
Penta	PCB-104	4.54e+04	1.96	n 32:39	1.08	0.7921	R	*	2.5	*	1.001	0.996-1.006
Penta	PCB-96	5.10e+05	1.54	y 33:54	1.13	8.479		*	2.5	*	1.039	1.034-1.044
Penta	PCB-103	4.31e+05	1.50	y 34:27	0.91	8.932		*	2.5	*	1.056	1.051-1.061
Penta	PCB-100	3.80e+05	1.71	y 34:49	0.93	7.713		*	2.5	*	1.067	1.062-1.072
Penta	PCB-94	5.21e+05	1.90	n 35:16	0.91	13.12	R	*	2.5	*	0.985	0.981-0.991
Penta	PCB-95/98/102	9.98e+06	1.56	y 35:49	1.17	196.1		*	2.5	*	1.001	0.994-1.004
Penta	PCB-93	*	*	n NotF╗	0.93	*		2070	2.5	1.60	*	0.997-1.007
Penta	PCB-88/91	3.01e+06	1.47	y 36:13	0.97	71.14		*	2.5	*	1.012	1.005-1.015
Penta	PCB-121	*	*	n NotF╗	1.68	*		2070	2.5	0.881	*	1.009-1.019
Penta	PCB-84/92	5.70e+06	1.57	y 37:07	0.97	131.0		*	2.5	*	0.990	0.985-0.995
Penta	PCB-89	1.41e+05	1.36	y 37:18	1.06	2.964		*	2.5	*	0.995	0.990-1.000

Analyst: MI

Date: 3/26/18

Client ID: OWS-WAFO-T170815151141 Filename: 180315E1 S:11 Acq:15-MAR-18 20:20:57 ConCal: ST180315E1-1
Lab ID: 1701075-07 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 0.960 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Penta	PCB-90/101	7.47e+06	1.56	y 37:30	1.08	155.0		*	2.5	*	1.000	0.995-1.005
Penta	PCB-113	*	*	n NotF¶	1.48	*		2070	2.5	0.983	*	1.002-1.012
Penta	PCB-99	4.38e+06	1.55	y 37:50	1.25	78.07		*	2.5	*	1.009	1.004-1.014
Penta	PCB-119	4.71e+05	1.74	y 38:17	1.70	7.125		*	2.5	*	0.987	0.982-0.992
Penta	PCB-108/112	8.11e+05	1.48	y 38:27	1.40	14.86		*	2.5	*	0.991	0.986-0.996
Penta	PCB-83	*	*	n NotF¶	1.75	*		2070	2.5	0.990	*	0.990-1.000
Penta	PCB-97	2.10e+06	1.44	y 38:47	1.17	45.91		*	2.5	*	1.000	0.995-1.005
Penta	PCB-86	4.61e+04	1.11	n 38:57	1.08	1.096	R	*	2.5	*	1.004	0.999-1.009
Penta	PCB-87/117/125	3.45e+06	1.53	y 39:05	1.55	57.23		*	2.5	*	1.008	1.002-1.012
Penta	PCB-111/115	2.04e+05	1.97	n 39:14	1.79	2.931	R	*	2.5	*	1.012	1.006-1.016
Penta	PCB-85/116	1.67e+06	1.60	y 39:20	1.29	33.26		*	2.5	*	1.014	1.009-1.019
Penta	PCB-120	*	*	n NotF¶	1.98	*		4630	1.0	0.783	*	1.016-1.026
Penta	PCB-110	1.06e+07	1.60	y 39:44	1.69	161.5		*	2.5	*	1.024	1.020-1.030
Penta	PCB-82	8.16e+05	1.50	y 40:22	0.81	18.99		*	2.5	*	0.976	0.972-0.982
Penta	PCB-124	2.88e+05	1.72	y 41:03	1.30	4.178		*	2.5	*	0.993	0.988-0.998
Penta	PCB-107/109	6.82e+05	1.69	y 41:13	1.31	9.734		*	2.5	*	0.997	0.991-1.001
Penta	PCB-123	1.13e+05	2.28	n 41:22	1.12	1.893	R	*	2.5	*	1.000	0.996-1.006
Penta	PCB-106/118	5.83e+06	1.60	y 41:32	1.18	88.83		*	2.5	*	1.000	0.996-1.006
Penta	PCB-114	1.50e+05	1.42	y 42:11	1.11	3.153		*	2.5	*	1.000	0.995-1.005
Penta	PCB-122	8.12e+04	1.07	n 42:19	1.03	1.846	R	*	2.5	*	1.003	0.999-1.009
Penta	PCB-105	2.07e+06	1.55	y 43:03	1.12	44.07		*	2.5	*	1.000	0.995-1.005
Penta	PCB-127	*	*	n NotF¶	1.12	*		1710	2.5	1.13	*	0.995-1.005
Penta	PCB-126	*	*	n NotF¶	1.20	*		1710	2.5	1.27	*	0.995-1.005
Hexa	PCB-155	*	*	n NotF¶	0.99	*		1940	2.5	0.927	*	0.995-1.005
Hexa	PCB-150	4.39e+04	1.21	y 38:18	1.02	0.7465		*	2.5	*	1.034	1.030-1.040
Hexa	PCB-152	4.40e+04	1.71	n 38:47	1.16	0.6629	R	*	2.5	*	1.047	1.042-1.052
Hexa	PCB-145	*	*	n NotF¶	1.13	*		1940	2.5	0.811	*	1.054-1.064
Hexa	PCB-136	1.11e+06	1.26	y 39:33	1.02	18.86		*	2.5	*	1.068	1.063-1.073
Hexa	PCB-148	*	*	n NotF¶	0.77	*		1940	2.5	1.18	*	1.066-1.076
Hexa	PCB-154	1.95e+05	1.18	y 40:08	0.88	3.876		*	2.5	*	1.084	1.079-1.089
Hexa	PCB-151	1.27e+06	1.26	y 40:47	0.75	29.37		*	2.5	*	1.101	1.095-1.107
Hexa	PCB-135	8.55e+05	1.35	y 41:00	0.86	17.34		*	2.5	*	1.107	1.101-1.113
Hexa	PCB-144	8.70e+04	1.14	y 41:06	0.77	1.982		*	2.5	*	1.110	1.105-1.116
Hexa	PCB-147	2.79e+05	1.14	y 41:14	0.80	6.046		*	2.5	*	1.114	1.108-1.120
Hexa	PCB-139/149	3.30e+06	1.32	y 41:29	0.88	65.39		*	2.5	*	1.120	1.115-1.127
Hexa	PCB-140	4.34e+04	1.10	y 41:42	0.77	0.9830		*	2.5	*	1.126	1.120-1.132
Hexa	PCB-134/143	3.90e+05	1.11	y 42:09	0.76	9.666		*	2.5	*	0.976	0.970-0.980

Analyst: MI

Date: 3/26/18

Client ID: OWS-WAFO-T170815151141 Filename: 180315E1 S:11 Acq:15-MAR-18 20:20:57 ConCal: ST180315E1-1
Lab ID: 1701075-07 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 0.960 EndCAL: NA

Type	Name	Resp	RA		RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hexa	PCB-131/133	2.54e+05	1.25	y	42:25	0.82	5.884		*	2.5	*	0.982	0.977-0.987
Hexa	PCB-142	*	*	n	NotF┐	0.73	*		1960	2.5	1.42	*	0.981-0.991
Hexa	PCB-146/165	8.25e+05	1.28	y	42:49	1.02	15.30		*	2.5	*	0.991	0.986-0.996
Hexa	PCB-132/161	1.23e+06	1.18	y	43:04	1.00	23.10		*	2.5	*	0.997	0.992-1.002
Hexa	PCB-153	3.17e+06	1.23	y	43:14	1.08	55.63		*	2.5	*	1.001	0.995-1.005
Hexa	PCB-168	*	*	n	NotF┐	1.12	*		1960	2.5	0.932	*	1.000-1.010
Hexa	PCB-141	4.49e+05	1.20	y	43:57	1.02	10.03		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-137	1.77e+05	1.34	y	44:19	1.10	3.656		*	2.5	*	1.009	1.004-1.014
Hexa	PCB-130	2.61e+05	1.38	y	44:26	0.81	7.361		*	2.5	*	1.011	1.007-1.017
Hexa	PCB-138/163/164	4.26e+06	1.25	y	44:48	1.23	74.84		*	2.5	*	1.000	0.996-1.006
Hexa	PCB-158/160	3.23e+05	1.13	y	45:01	1.18	5.926		*	2.5	*	1.005	1.001-1.011
Hexa	PCB-129	1.25e+05	1.22	y	45:17	0.78	3.464		*	2.5	*	1.011	1.007-1.017
Hexa	PCB-166	*	*	n	NotF┐	1.13	*		1960	2.5	0.935	*	0.988-0.998
Hexa	PCB-159	*	*	n	NotF┐	1.16	*		1960	2.5	0.910	*	0.995-1.005
Hexa	PCB-128/162	6.12e+05	1.24	y	46:21	0.89	12.33		*	2.5	*	1.006	1.002-1.012
Hexa	PCB-167	1.64e+05	1.31	y	46:45	1.02	2.886		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-156	3.70e+05	1.26	y	48:03	1.06	6.411		*	2.5	*	1.001	0.995-1.005
Hexa	PCB-157	1.06e+05	1.40	y	48:19	1.02	1.906		*	2.5	*	1.000	0.996-1.006
Hexa	PCB-169	*	*	n	NotF┐	1.13	*		1960	2.5	1.02	*	0.995-1.005
Hepta	PCB-188	*	*	n	NotF┐	1.37	*		1410	2.5	0.444	*	0.995-1.005
Hepta	PCB-184	*	*	n	NotF┐	1.32	*		1410	2.5	0.463	*	1.006-1.016
Hepta	PCB-179	4.89e+05	1.05	y	44:04	1.38	8.256		*	2.5	*	1.029	1.024-1.034
Hepta	PCB-176	8.64e+04	1.01	y	44:31	1.31	1.543		*	2.5	*	1.040	1.035-1.045
Hepta	PCB-186	*	*	n	NotF┐	1.42	*		1410	2.5	0.430	*	1.049-1.059
Hepta	PCB-178	3.49e+05	1.16	y	45:38	0.97	8.422		*	2.5	*	1.066	1.060-1.070
Hepta	PCB-175	*	*	n	NotF┐	1.00	*		1410	2.5	0.611	*	1.069-1.079
Hepta	PCB-182/187	1.05e+06	1.17	y	46:08	1.14	21.55		*	2.5	*	1.077	1.072-1.082
Hepta	PCB-183	2.08e+05	1.13	y	46:28	1.13	4.310		*	2.5	*	1.085	1.080-1.090
Hepta	PCB-185	*	*	n	NotF┐	1.36	*		1410	2.5	0.617	*	0.950-0.960
Hepta	PCB-174	4.34e+05	0.92	y	47:29	1.42	9.808		*	2.5	*	0.963	0.958-0.968
Hepta	PCB-181	*	*	n	NotF┐	1.48	*		1410	2.5	0.567	*	0.960-0.970
Hepta	PCB-177	3.70e+05	1.11	y	47:45	1.33	8.912		*	2.5	*	0.968	0.963-0.973
Hepta	PCB-171	1.62e+05	1.11	y	48:03	1.37	3.772		*	2.5	*	0.974	0.969-0.979
Hepta	PCB-173	*	*	n	NotF┐	1.27	*		1410	2.5	0.659	*	0.978-0.988
Hepta	PCB-172	7.66e+04	0.91	y	48:56	1.39	1.766		*	2.5	*	0.992	0.987-0.997
Hepta	PCB-192	*	*	n	NotF┐	1.80	*		1410	2.5	0.464	*	0.991-1.001
Hepta	PCB-180	8.76e+05	0.98	y	49:20	1.52	18.46		*	2.5	*	1.000	0.995-1.005

Analyst: MJ

Date: 3/26/18

Client ID: OWS-WAFO-T170815151141 Filename: 180315E1 S:11 Acq:15-MAR-18 20:20:57 ConCal: ST180315E1-1
Lab ID: 1701075-07 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 0.960 EndCAL: NA

Type	Name	Resp	RA		RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hepta	PCB-193	6.92e+04	1.34	n	49:33	1.71	1.293	R	*	2.5	*	1.005	0.999-1.009
Hepta	PCB-191	*	*	n	NotF╗	1.74	*		1410	2.5	0.481	*	1.005-1.015
Hepta	PCB-170	3.83e+05	0.96	y	50:56	1.44	9.829		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-190	1.45e+05	0.96	y	51:07	1.95	2.740		*	2.5	*	1.004	0.999-1.009
Hepta	PCB-189	*	*	n	NotF╗	1.46	*		2710	2.5	0.837	*	0.995-1.005
Octa	PCB-202	2.02e+05	0.91	y	48:15	1.06	3.859		*	2.5	*	1.000	0.995-1.005
Octa	PCB-201	6.39e+04	0.96	y	48:45	0.98	1.324		*	2.5	*	1.011	1.006-1.016
Octa	PCB-204	*	*	n	NotF╗	1.07	*		1620	2.5	0.756	*	1.009-1.019
Octa	PCB-197	*	*	n	NotF╗	1.10	*		1620	2.5	0.737	*	1.015-1.025
Octa	PCB-200	5.75e+04	0.78	y	50:06	1.04	1.117		*	2.5	*	1.039	1.034-1.044
Octa	PCB-198	*	*	n	NotF╗	0.84	*		1620	2.5	0.964	*	1.065-1.075
Octa	PCB-199	3.82e+05	0.93	y	51:41	0.80	9.678		*	2.5	*	1.071	1.067-1.077
Octa	PCB-196/203	2.89e+05	0.89	y	51:59	0.84	6.947		*	2.5	*	1.078	1.072-1.082
Octa	PCB-195	7.89e+04	0.78	y	53:13	1.04	2.686		*	2.5	*	0.984	0.979-0.989
Octa	PCB-194	1.82e+05	0.84	y	54:07	1.16	5.536		*	2.5	*	1.000	0.995-1.005
Octa	PCB-205	*	*	n	NotF╗	1.33	*		1560	2.5	0.712	*	1.000-1.010
Nona	PCB-208	1.89e+05	1.16	y	53:22	0.90	5.094		*	2.5	*	1.000	0.995-1.005
Nona	PCB-207	5.64e+04	1.51	y	53:41	0.89	1.536		*	2.5	*	1.006	1.001-1.011
Nona	PCB-206	2.81e+05	1.25	y	55:40	0.88	9.598		*	2.5	*	1.000	0.995-1.005
Deca	PCB-209	1.06e+06	1.10	y	56:60	1.04	27.89		*	2.5	*	1.000	0.995-1.005

Analyst: MJ

Date: 3/26/18

Client ID: OWS-WAFO-T170815151141 Filename: 180315E1 S:11 Acq:15-MAR-18 20:20:57 ConCal: ST180315E1-1
Lab ID: 1701075-07 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 0.960 EndCAL: NA

Name	Resp	RA	RT	RRF	Conc	
Total Mono-PCB	6.23e+06	2.90 y	16:02	1.06	116.286	
Total Di-PCB	1.86e+08	1.57 y	20:02	1.04	4901.49	
Total Tri-PCB	1.77e+08	1.04 y	24:11	1.15	3154.43	
Total Tri-PCB	7.25e+07	0.90 y	27:54	1.05	1137.12	Sum:4291.55
Total Tetra-PCB	2.15e+08	0.80 y	27:56	1.06	3977.62	
Total Penta-PCB	5.87e+07	1.54 y	33:54	1.18	1101.06	
Total Penta-PCB	2.22e+06	1.42 y	42:11	1.12	47.2268	Sum:1148.29
Total Hexa-PCB	7.18e+06	1.21 y	38:18	0.91	144.587	
Total Hexa-PCB	1.27e+07	1.11 y	42:09	1.00	238.387	Sum:382.973
Total Hepta-PCB	4.63e+06	1.05 y	44:04	1.35	99.3637	
Total Octa-PCB	9.94e+05	0.91 y	48:15	0.95	22.9242	
Total Octa-PCB	2.60e+05	0.78 y	53:13	1.17	8.22256	Sum:31.1468
Total Nona-PCB	5.26e+05	1.16 y	53:22	0.89	16.2279	
Total Deca-PCB	1.06e+06	1.10 y	56:60	1.04	27.8908	

Total PCB Conc:15018.9679220

Integrations
by
Analyst: MI
Date: 3/26/18

Client ID: OWS-WAFO-T170815151141 Filename: 180315E1 S:11 Acq:15-MAR-18 20:20:57 ConCal: ST180315E1-1
Lab ID: 1701075-07 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol:0.9599 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-1	1.02e+08	3.14 y	1.13	16:00	0.618	0.616	0.622	1180	56.6
13C-PCB-3	1.13e+08	3.11 y	1.21	18:39	0.720	0.716	0.724	1220	58.8
13C-PCB-4	6.13e+07	1.58 y	0.59	19:60	0.772	0.769	0.777	1350	64.8
13C-PCB-9	9.87e+07	1.56 y	0.94	21:48	0.842	0.837	0.845	1370	65.8
13C-PCB-11	1.13e+08	1.56 y	0.95	25:11	0.973	0.968	0.978	1550	74.6
13C-PCB-19	8.35e+07	1.05 y	0.62	24:10	0.933	0.928	0.938	1750	84.0
13C-PCB-28	1.23e+08	1.04 y	1.05	29:03	1.004	0.999	1.009	1920	92.2
13C-PCB-32	1.31e+08	1.05 y	0.91	27:06	1.046	1.041	1.051	1890	90.6
13C-PCB-37	1.16e+08	1.08 y	1.02	32:56	1.138	1.132	1.144	1870	89.6
13C-PCB-47	1.09e+08	0.78 y	0.83	31:59	0.871	0.867	0.875	1720	82.6
13C-PCB-52	9.80e+07	0.78 y	0.76	31:29	0.857	0.853	0.861	1690	81.1
13C-PCB-54	1.10e+08	0.81 y	0.93	27:55	0.760	0.756	0.764	1560	75.0
13C-PCB-70	1.33e+08	0.80 y	1.00	35:30	0.966	0.961	0.971	1760	84.3
13C-PCB-77	1.27e+08	0.81 y	0.96	39:37	1.078	1.073	1.083	1740	83.4
13C-PCB-80	1.35e+08	0.78 y	1.00	35:56	0.978	0.973	0.983	1790	85.8
13C-PCB-81	1.33e+08	0.79 y	1.01	39:01	1.062	1.057	1.067	1740	83.6
13C-PCB-95	9.04e+07	1.58 y	0.80	35:48	0.913	0.908	0.918	1770	84.9
13C-PCB-97	8.10e+07	1.60 y	0.70	38:47	0.989	0.984	0.994	1810	87.0
13C-PCB-101	9.33e+07	1.58 y	0.80	37:29	0.956	0.951	0.961	1820	87.6
13C-PCB-104	1.11e+08	1.55 y	1.01	32:38	0.832	0.828	0.836	1730	82.8
13C-PCB-105	8.70e+07	1.59 y	1.14	43:03	0.929	0.924	0.934	1640	78.6
13C-PCB-114	8.92e+07	1.60 y	1.18	42:11	0.911	0.905	0.915	1620	77.8
13C-PCB-118	1.16e+08	1.61 y	1.00	41:32	1.059	1.054	1.064	1830	87.7
13C-PCB-123	1.11e+08	1.58 y	0.95	41:21	1.054	1.049	1.059	1840	88.5
13C-PCB-126	8.40e+07	1.57 y	1.14	45:17	0.977	0.972	0.982	1590	76.2
13C-PCB-127	9.64e+07	1.59 y	1.24	43:23	0.936	0.931	0.941	1670	80.0
13C-PCB-138	9.61e+07	1.28 y	1.17	44:47	0.967	0.962	0.972	1760	84.5
13C-PCB-141	9.16e+07	1.25 y	1.11	43:56	0.948	0.944	0.954	1780	85.3
13C-PCB-153	1.10e+08	1.26 y	1.34	43:12	0.933	0.928	0.938	1770	85.1
13C-PCB-155	1.20e+08	1.26 y	0.83	37:02	0.944	0.939	0.949	2270	109
13C-PCB-156	1.13e+08	1.26 y	1.38	48:02	1.037	1.032	1.042	1760	84.4
13C-PCB-157	1.13e+08	1.24 y	1.37	48:18	1.043	1.037	1.047	1760	84.6
13C-PCB-159	1.16e+08	1.27 y	1.39	46:04	0.994	0.989	0.999	1800	86.3
13C-PCB-167	1.16e+08	1.27 y	1.40	46:45	1.009	1.004	1.014	1780	85.4
13C-PCB-169	1.06e+08	1.25 y	1.39	50:31	1.090	1.085	1.095	1640	78.9
13C-PCB-170	5.66e+07	0.46 y	0.86	50:55	1.103	1.097	1.109	1840	88.3
13C-PCB-180	6.52e+07	0.45 y	0.98	49:19	1.068	1.064	1.074	1860	89.4
13C-PCB-188	8.91e+07	0.45 y	1.40	42:49	0.928	0.923	0.933	1780	85.3
13C-PCB-189	7.42e+07	0.45 y	1.15	52:32	1.138	1.132	1.144	1800	86.4
13C-PCB-194	5.91e+07	0.90 y	0.77	54:06	0.995	0.990	1.000	1820	87.2
13C-PCB-202	1.03e+08	0.92 y	1.28	48:14	1.045	1.040	1.050	2240	108
13C-PCB-206	6.92e+07	0.77 y	0.81	55:40	1.024	1.019	1.029	2030	97.3
13C-PCB-208	8.62e+07	0.77 y	1.09	53:21	0.981	0.977	0.987	1870	89.6
13C-PCB-209	7.61e+07	1.22 y	0.74	56:59	1.048	1.043	1.053	2450	117

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.48e+08	0.80 y	1.03	37:48	1.029	1.024	1.034	1880	90.3
13C-PCB-178	6.70e+07	0.45 y	0.93	45:37	0.985	0.980	0.990	2020	96.8

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.48e+08	0.80 y	1.03	37:48	0.969	0.963	0.973	2250	108
13C-PCB-178	6.70e+07	0.45 y	0.95	45:37	0.925	0.920	0.930	2250	108

RS

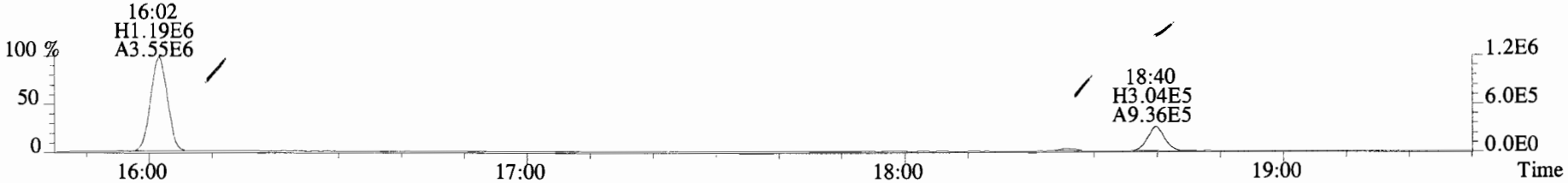
Name	Resp	RA	RRF	RT	Conc
13C-PCB-15	1.59e+08	1.55 y	1.00	25:54	2080
13C-PCB-31	1.27e+08	1.04 y	1.00	28:56	2080
13C-PCB-60	1.58e+08	0.80 y	1.00	36:44	2080
13C-PCB-111	1.33e+08	1.58 y	1.00	39:13	2080
13C-PCB-128	9.69e+07	1.29 y	1.00	46:20	2080
13C-PCB-182	7.47e+07	0.45 y	1.00	46:09	2080
13C-PCB-205	8.80e+07	0.90 y	1.00	54:22	2080

Analyst: JM

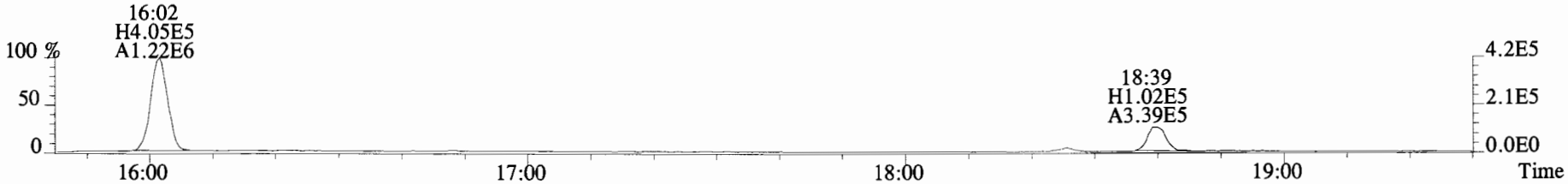
Date: 3/26/18

File:180315E1 #1-867 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1

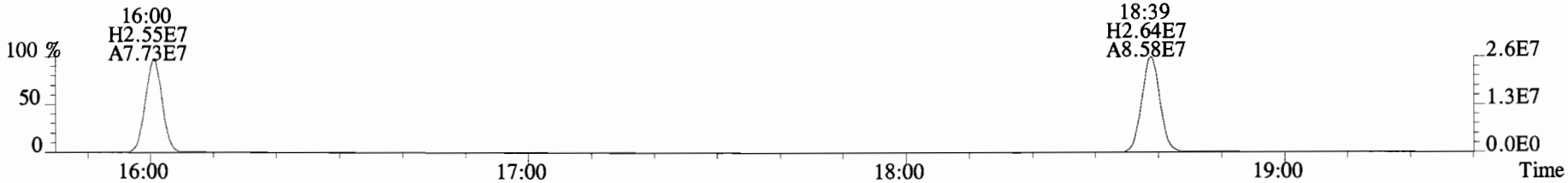
188.0393 S:11 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14600.0,0.00%,F,F)



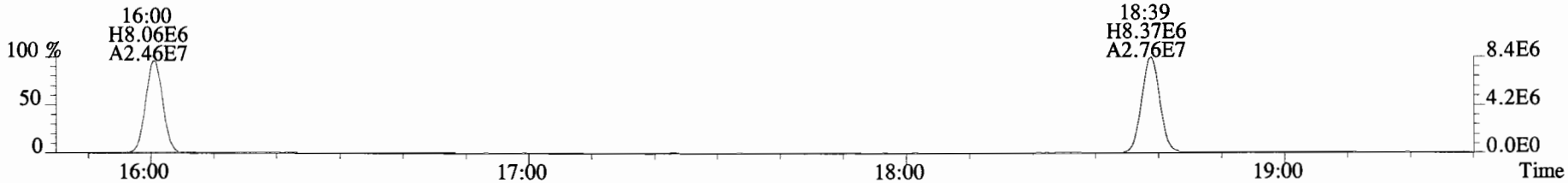
190.0363 S:11 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9808.0,0.00%,F,F)



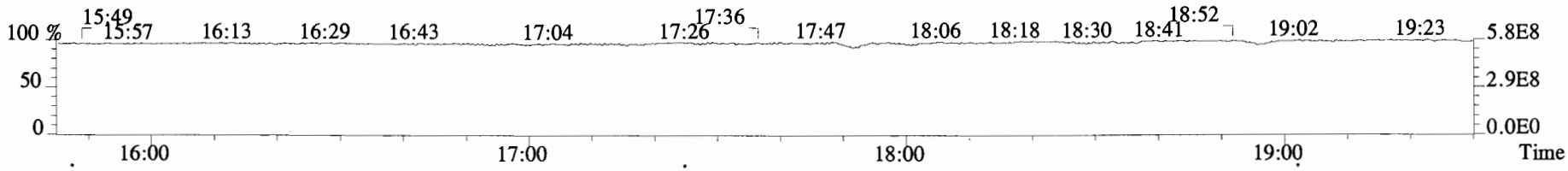
200.0795 S:11 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9360.0,0.00%,F,F)



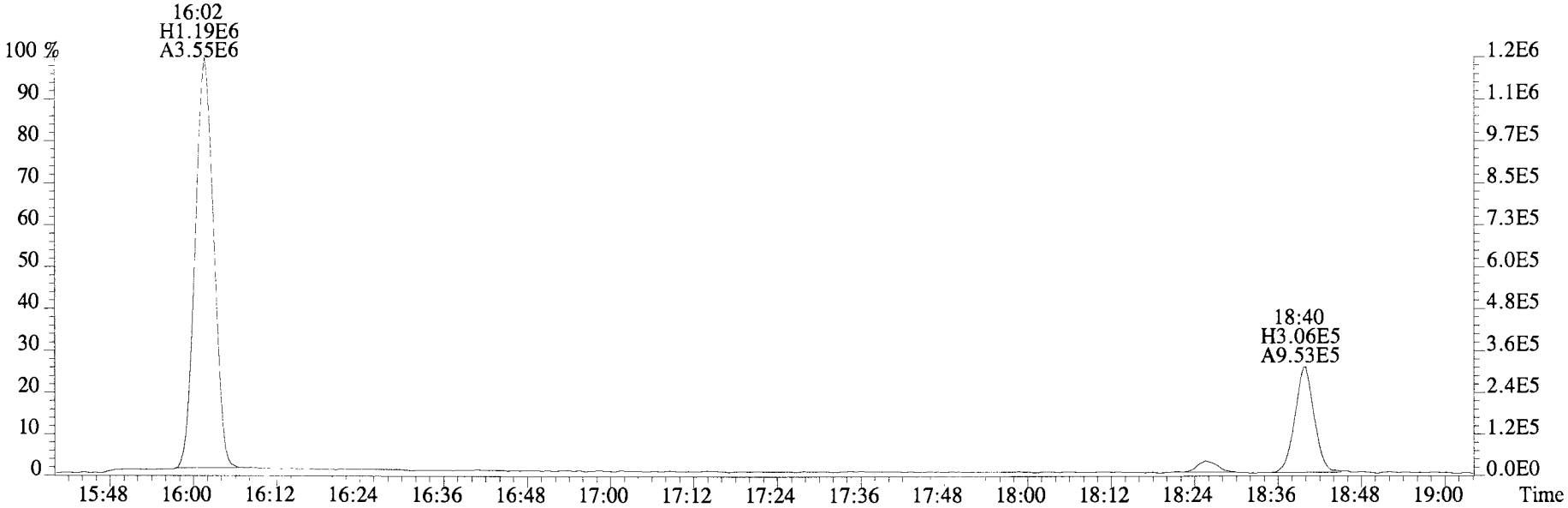
202.0766 S:11 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25512.0,0.00%,F,F)



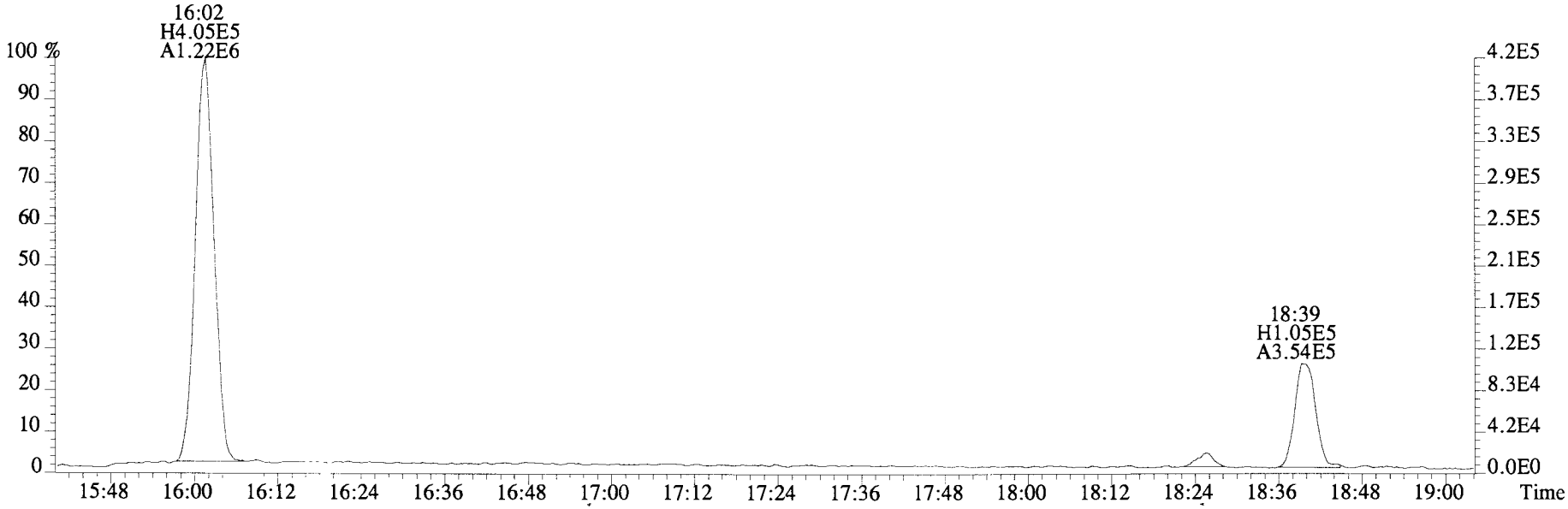
180.9880 S:11



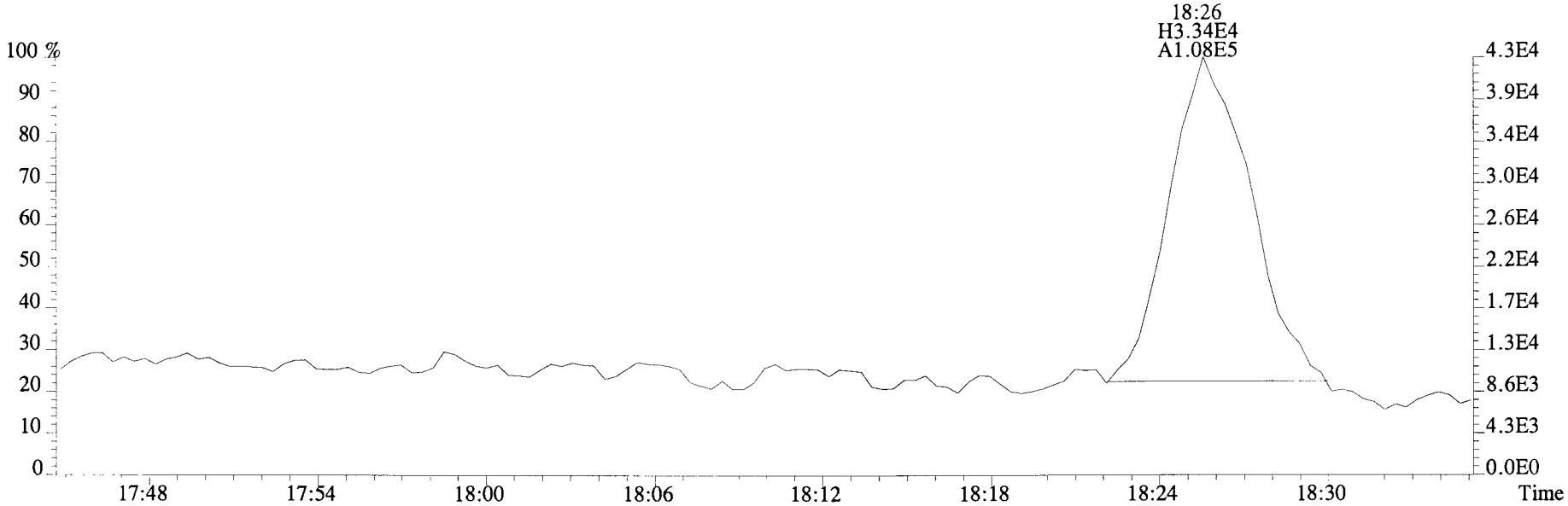
File:180315E1 #1-867 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
188.0393 S:11 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14600.0,0.00%,F,F)



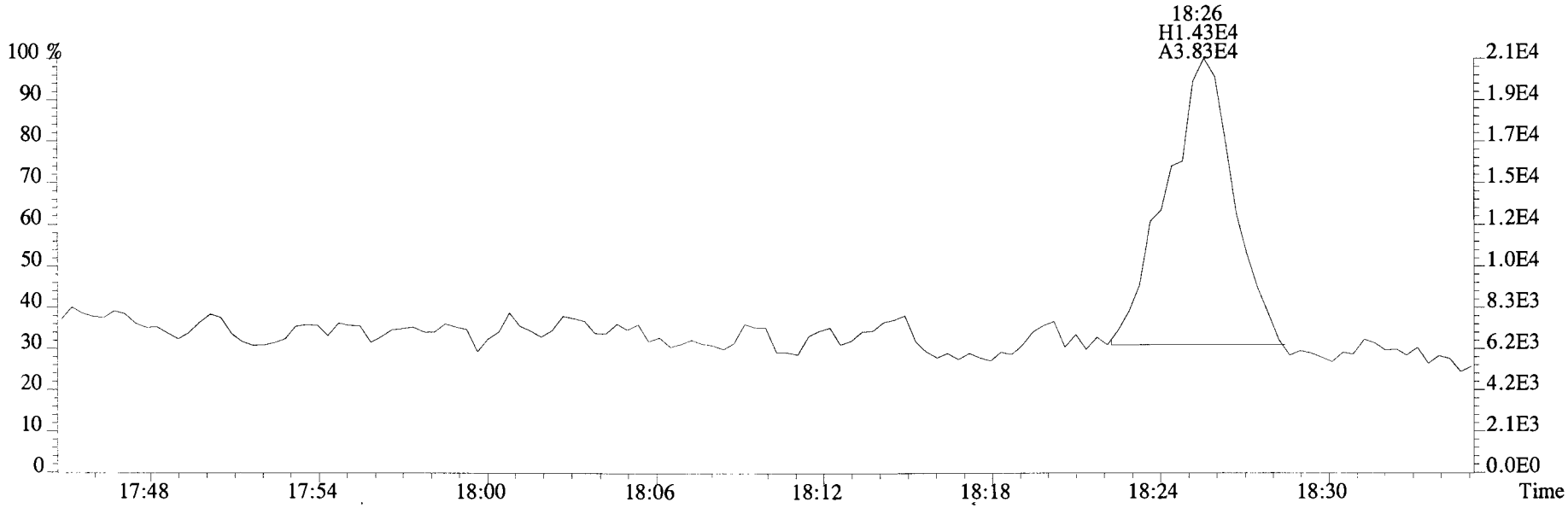
190.0363 S:11 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9808.0,0.00%,F,F)



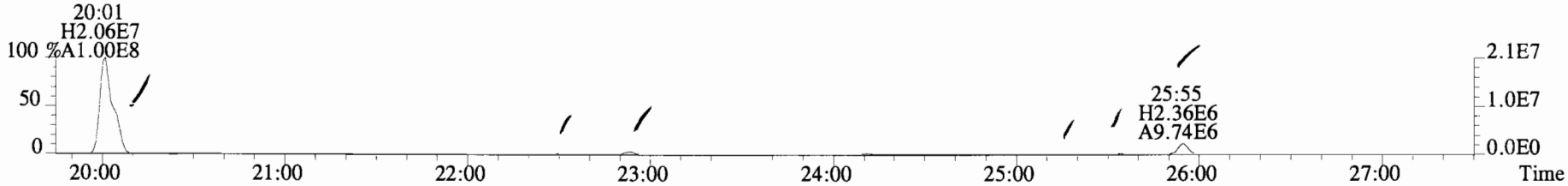
File:180315E1 #1-867 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
188.0393 S:11 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14600.0,0.00%,F,F)



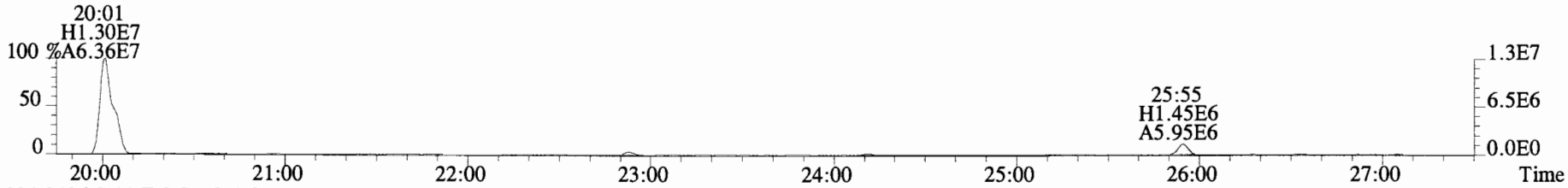
190.0363 S:11 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9808.0,0.00%,F,F)



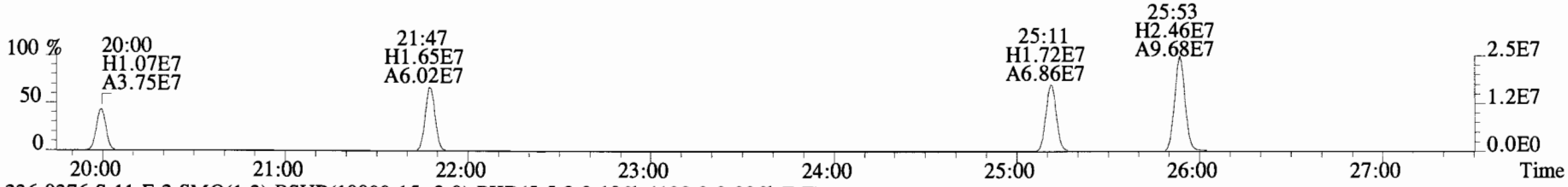
File:180315E1 #1-757 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
222.0003 S:11 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4788.0,0.00%,F,F)



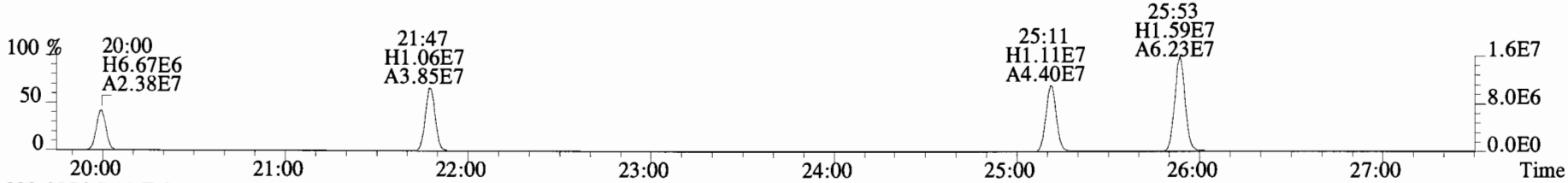
223.9974 S:11 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,48204.0,0.00%,F,F)



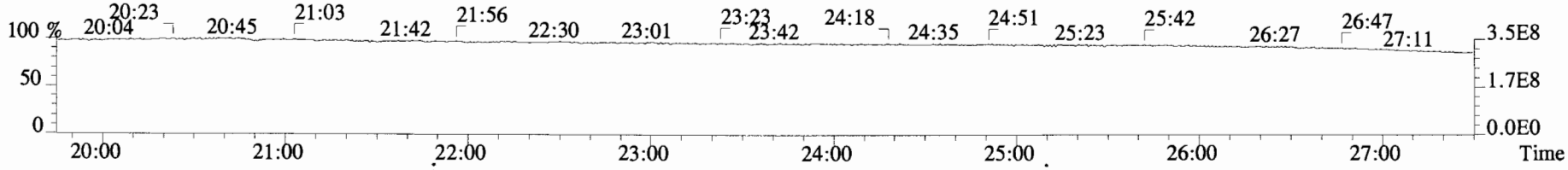
234.0406 S:11 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6432.0,0.00%,F,F)



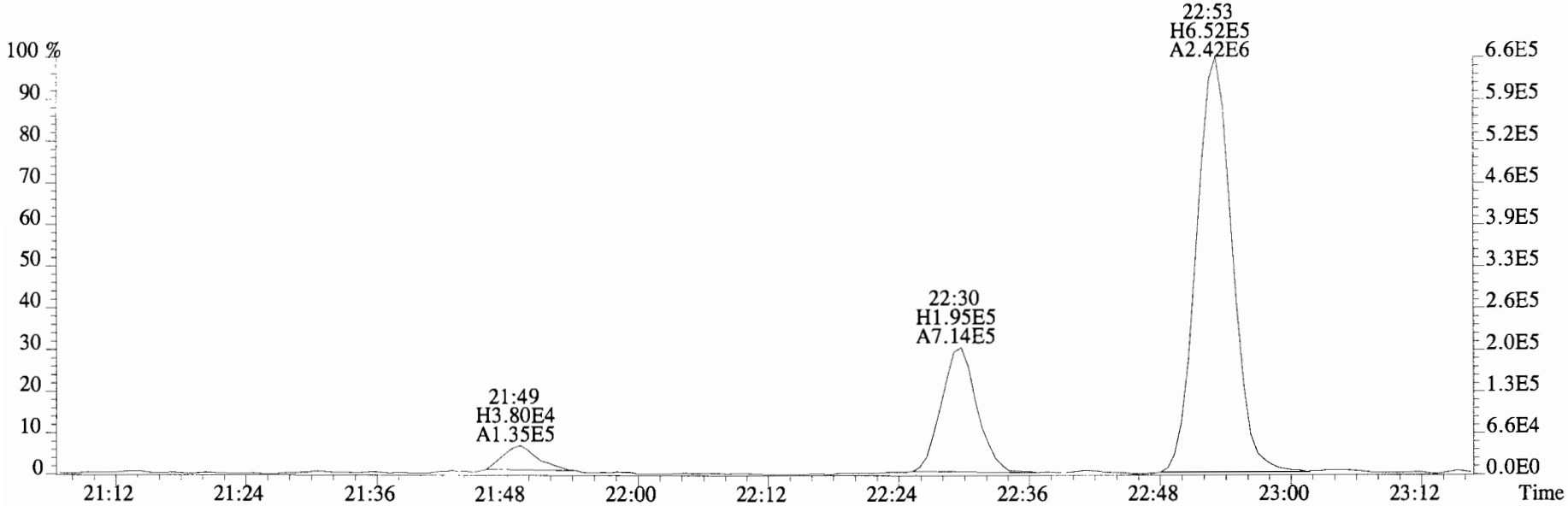
236.0376 S:11 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4108.0,0.00%,F,F)



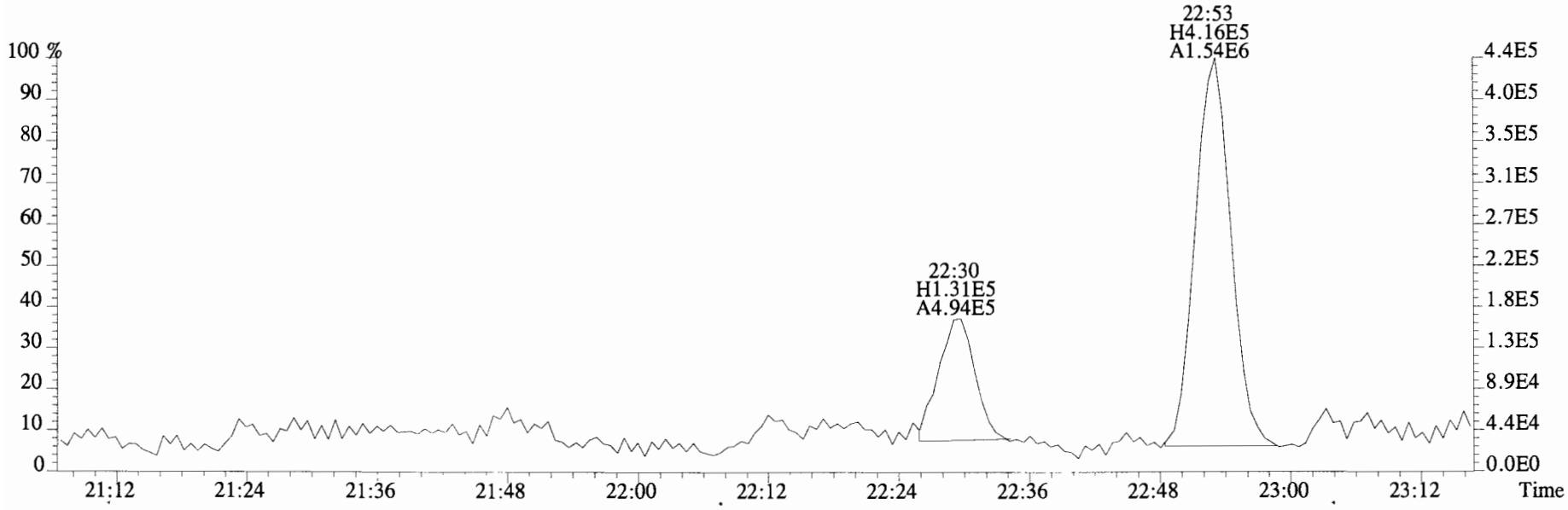
230.9856 S:11 F:2



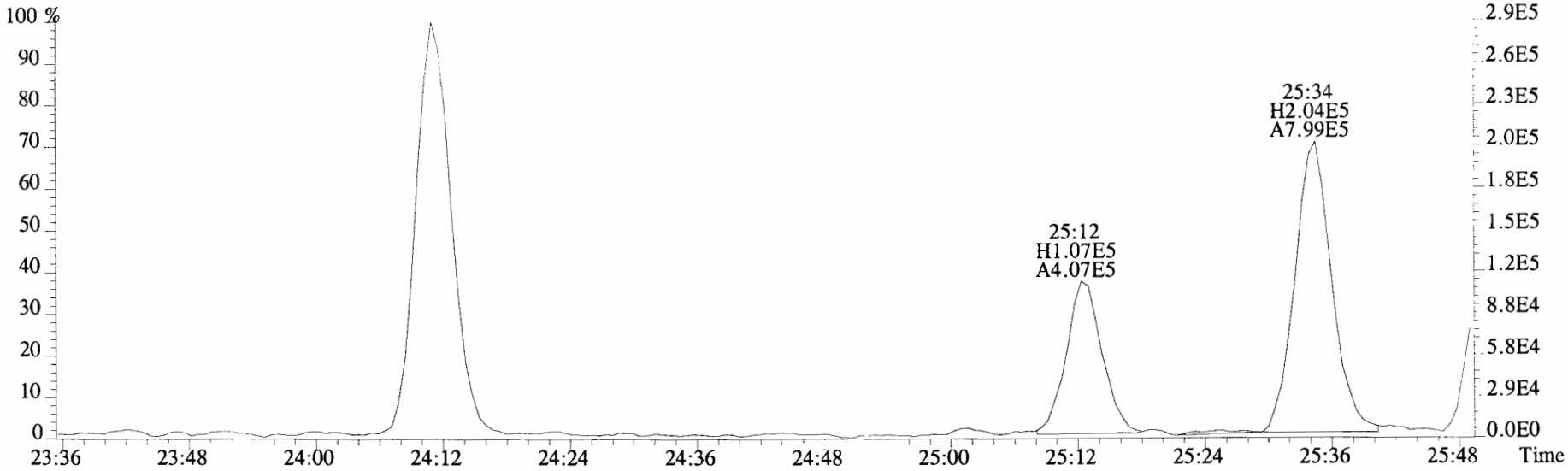
File:180315E1 #1-757 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
222.0003 S:11 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4788.0,0.00%,F,F)



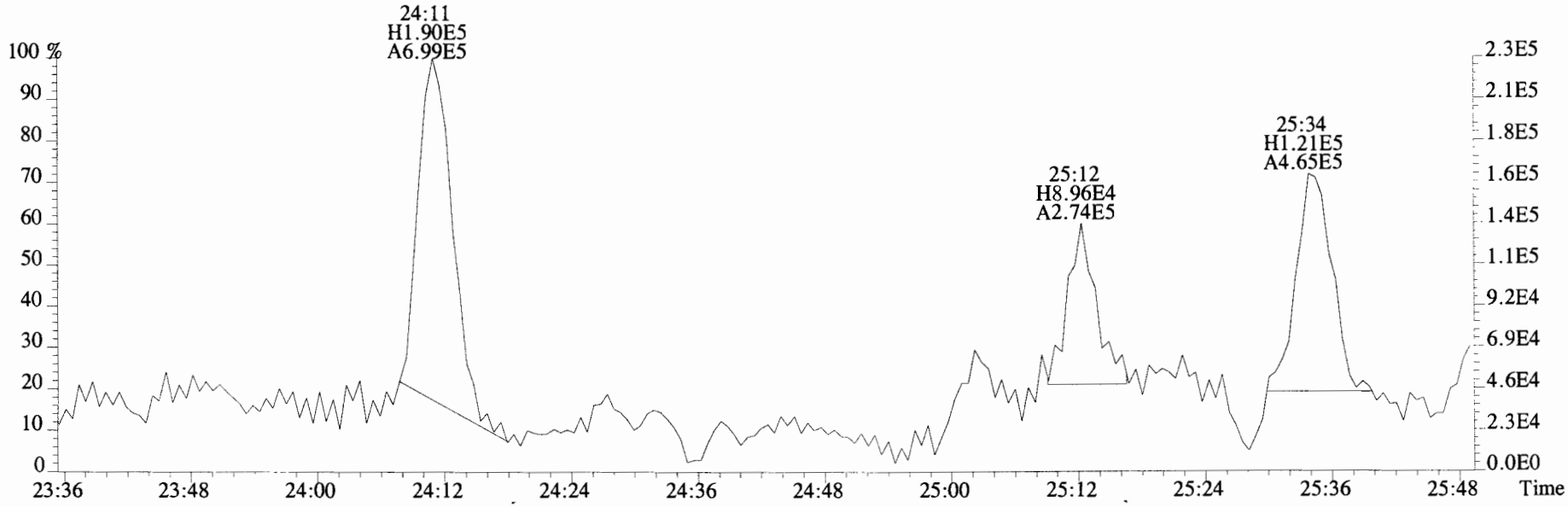
223.9974 S:11 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,48204.0,0.00%,F,F)



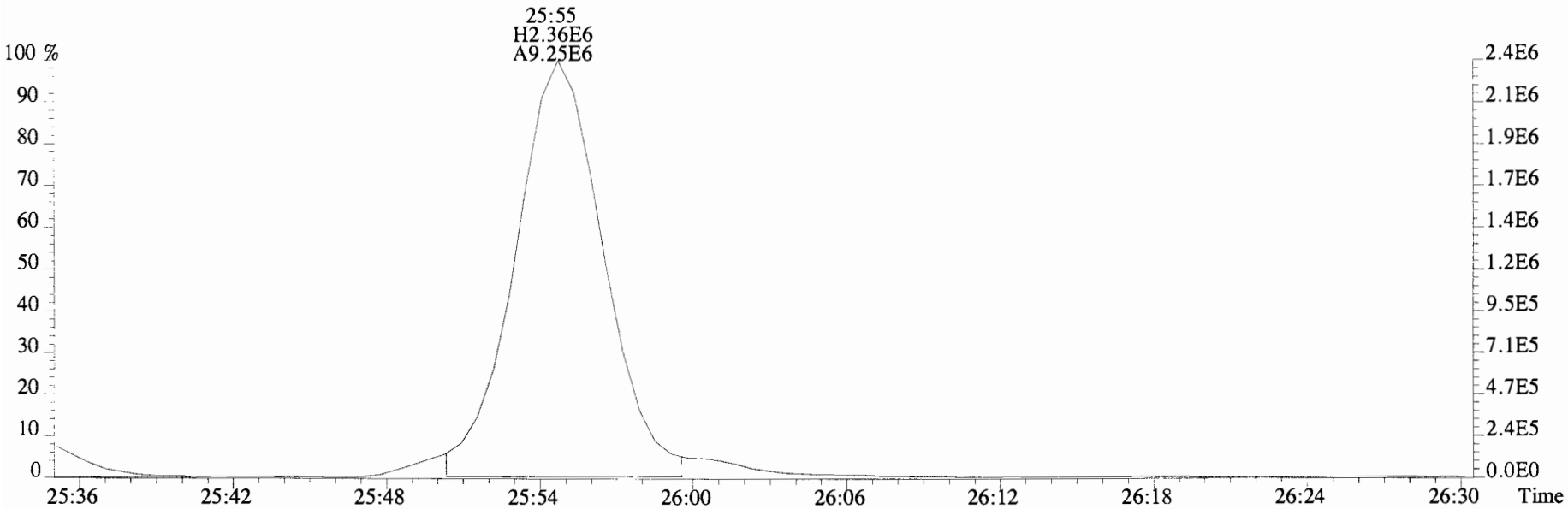
File:180315E1 #1-757 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
222.0003 S:11 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4788.0,0.00%,F,F)



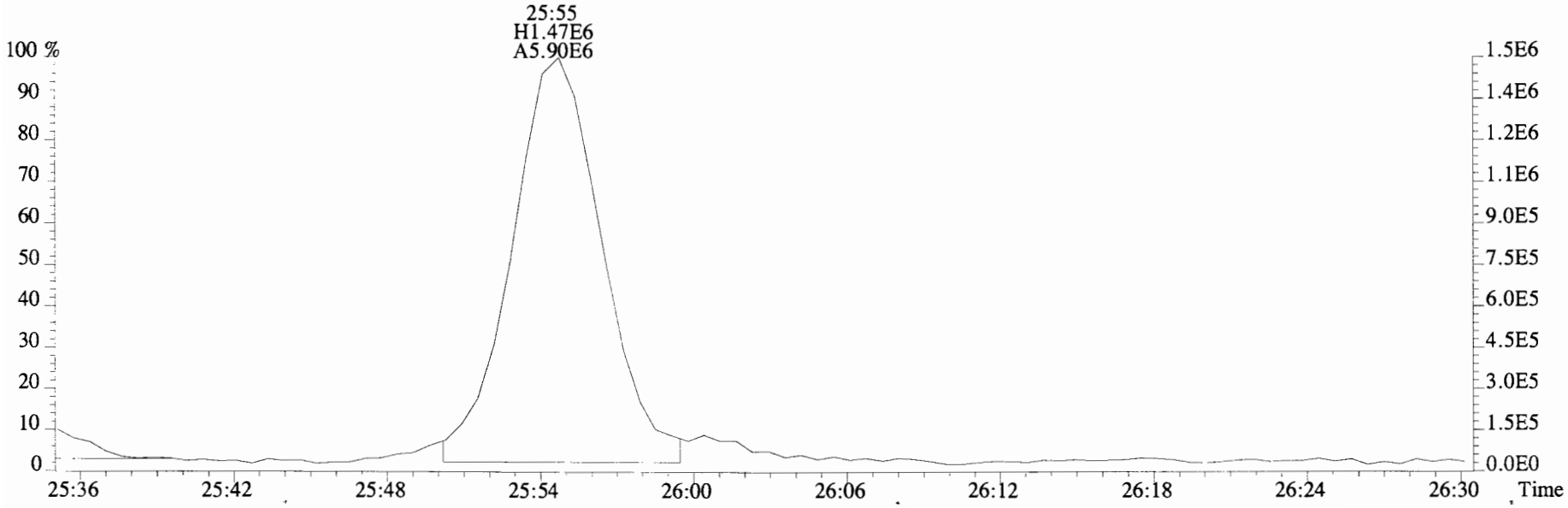
223.9974 S:11 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,48204.0,0.00%,F,F)



File:180315E1 #1-757 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
222.0003 S:11 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4788.0,0.00%,F,F)

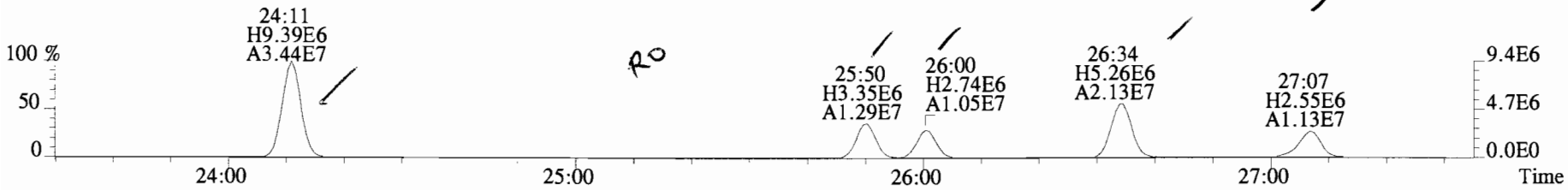


223.9974 S:11 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,48204.0,0.00%,F,F)

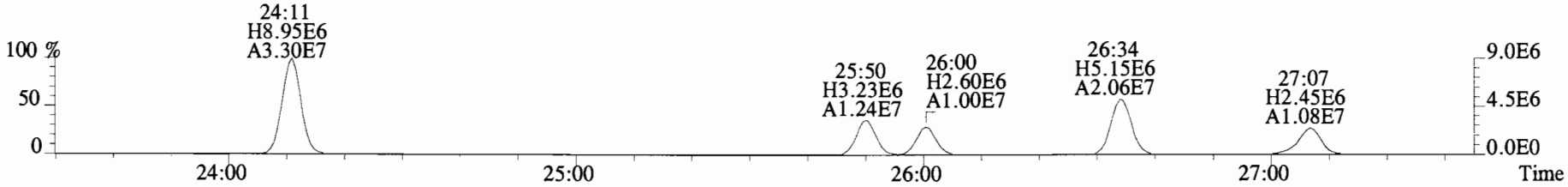


File:180315E1 #1-757 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1

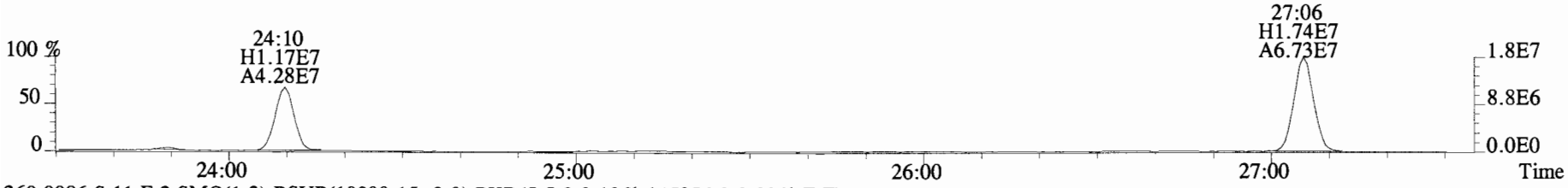
255.9613 S:11 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5100.0,0.00%,F,F)



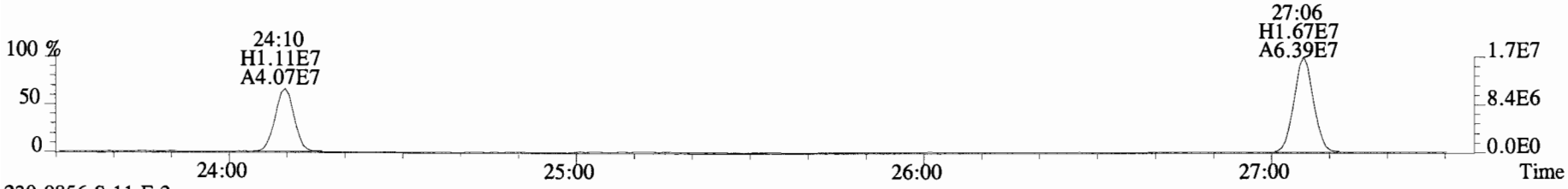
257.9584 S:11 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4148.0,0.00%,F,F)



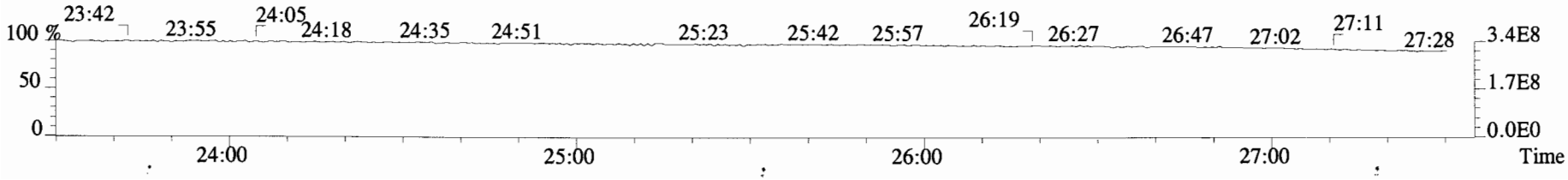
268.0016 S:11 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,248928.0,0.00%,F,F)



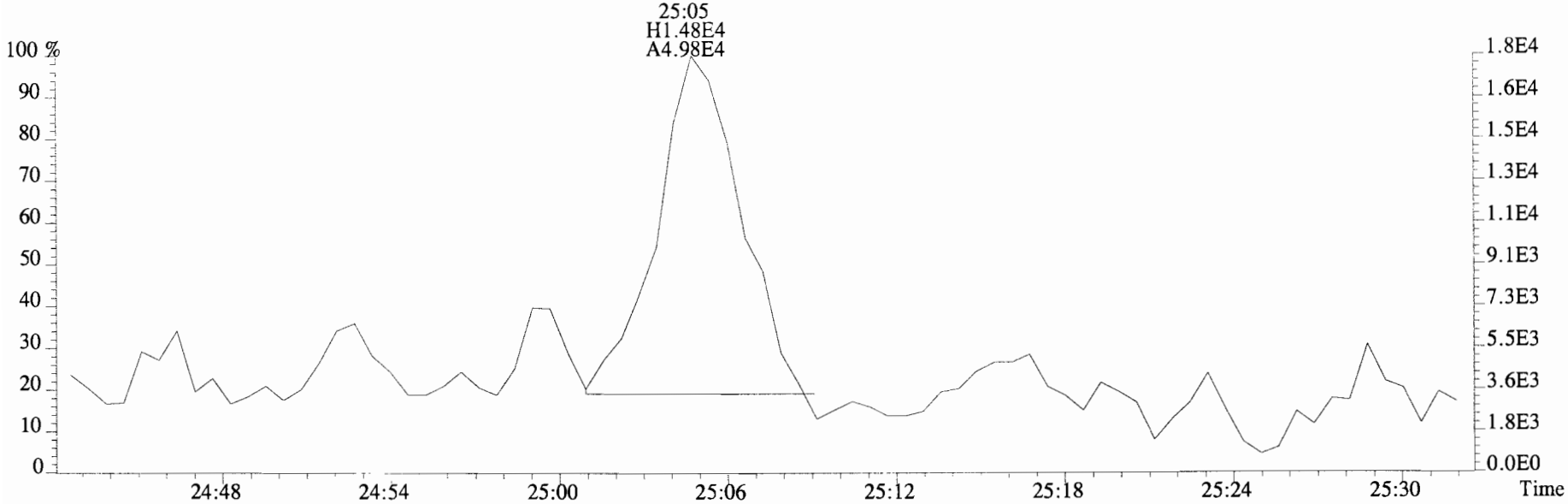
269.9986 S:11 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,145056.0,0.00%,F,F)



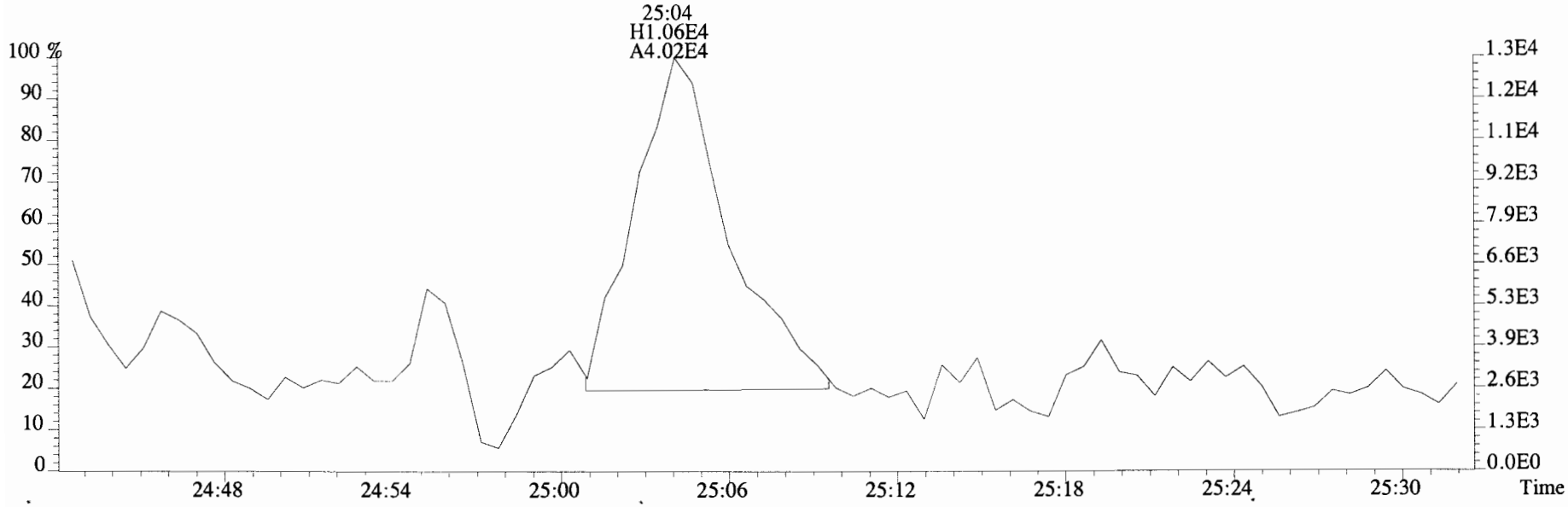
230.9856 S:11 F:2



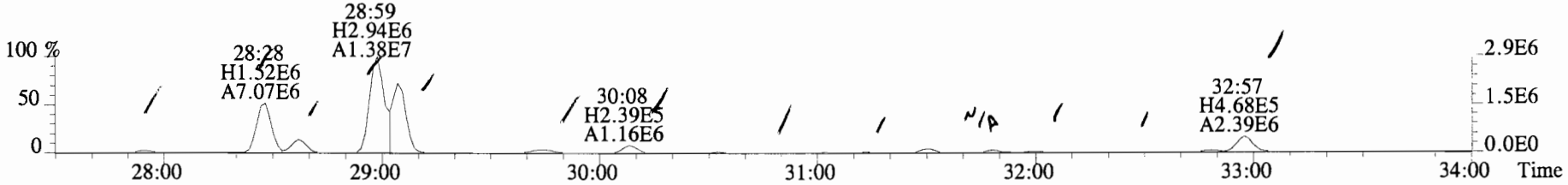
File:180315E1 #1-757 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
255.9613 S:11 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5100.0,0.00%,F,F)



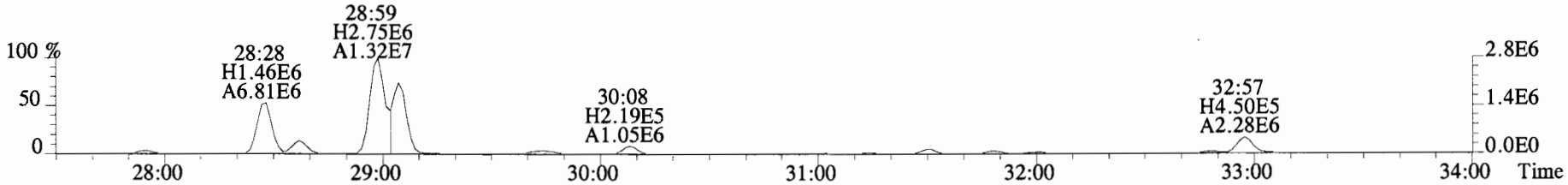
257.9584 S:11 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4148.0,0.00%,F,F)



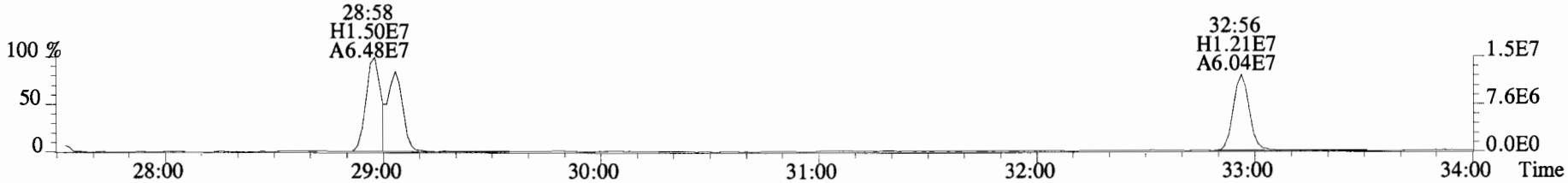
File:180315E1 #1-756 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
255.9613 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4876.0,0.00%,F,F)



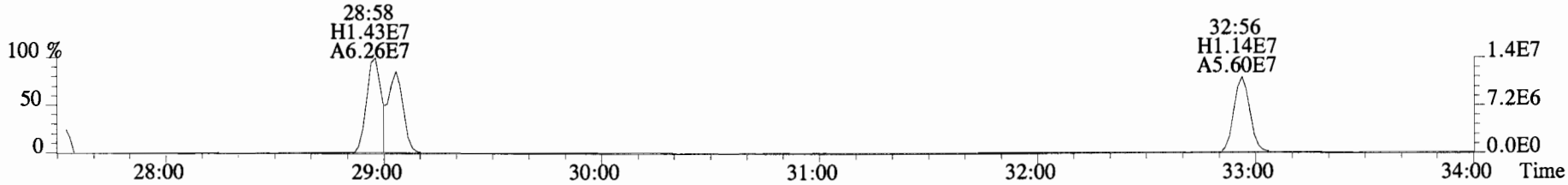
257.9584 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)



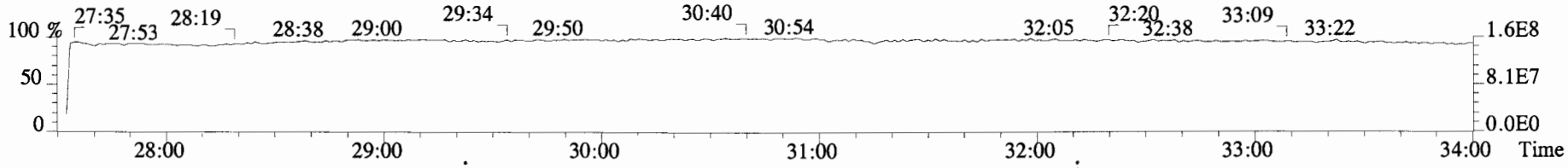
268.0016 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,204820.0,0.00%,F,F)



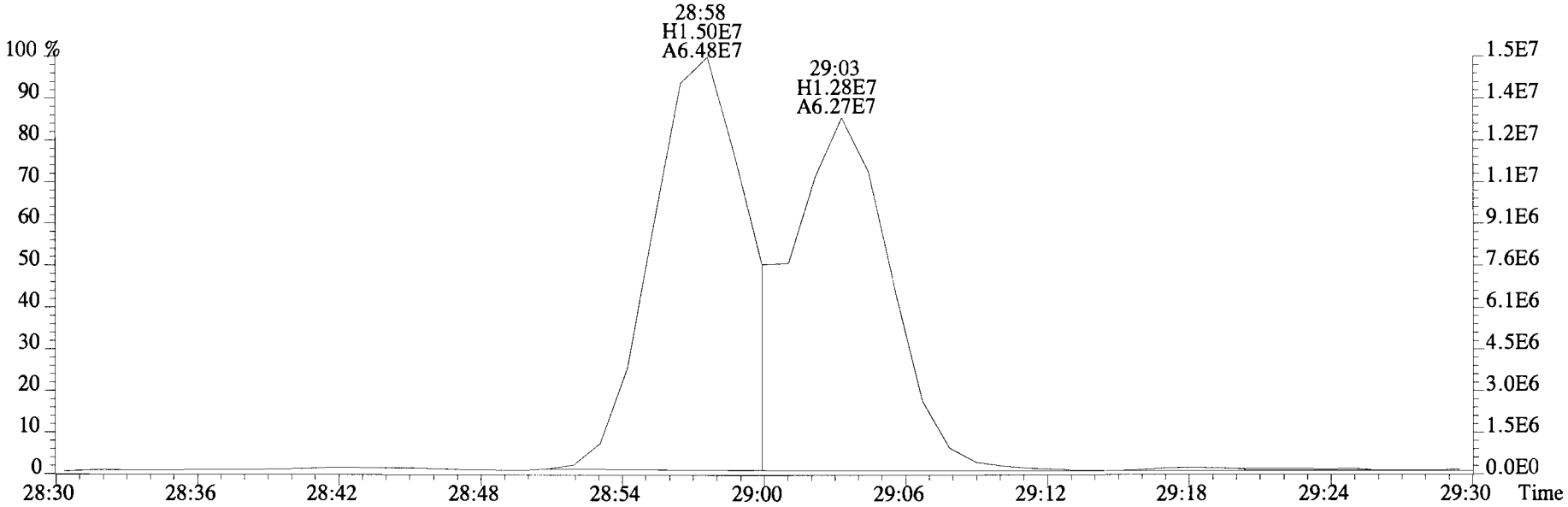
269.9986 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,80008.0,0.00%,F,F)



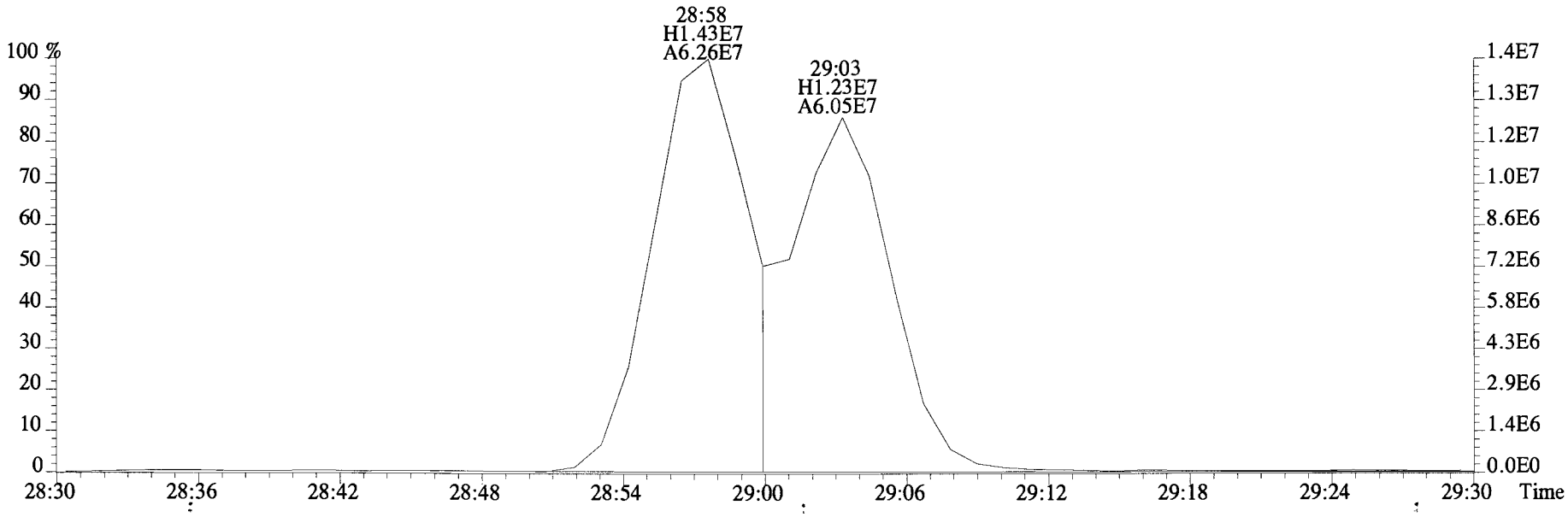
330.9792 S:11 F:3



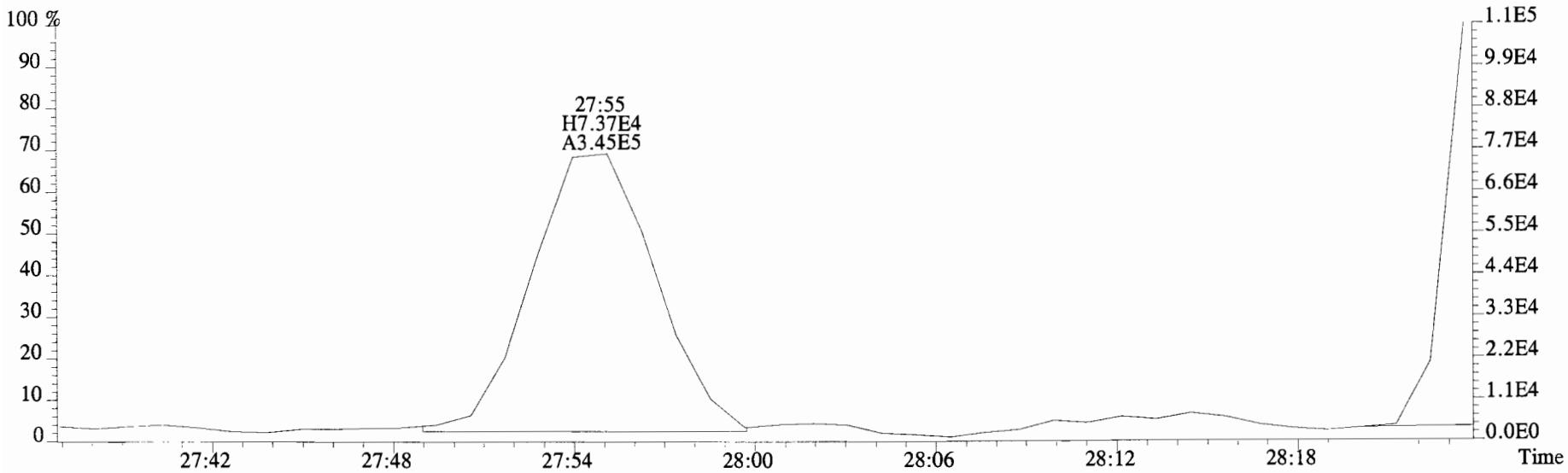
File:180315E1 #1-756 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
268.0016 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,204820.0,0.00%,F,F)



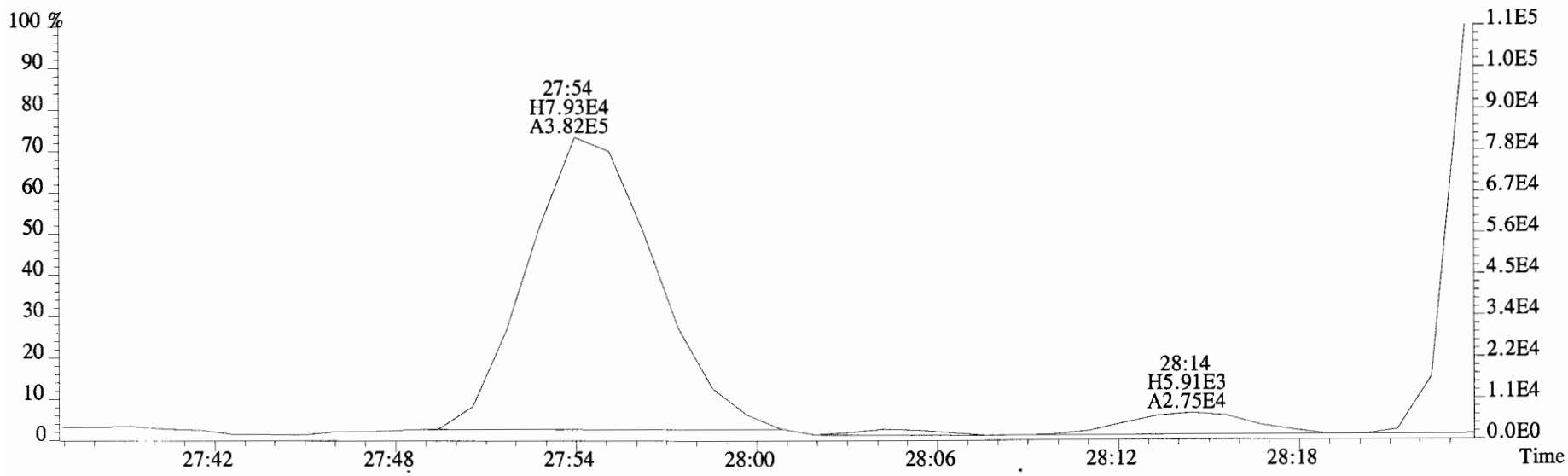
269.9986 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,80008.0,0.00%,F,F)



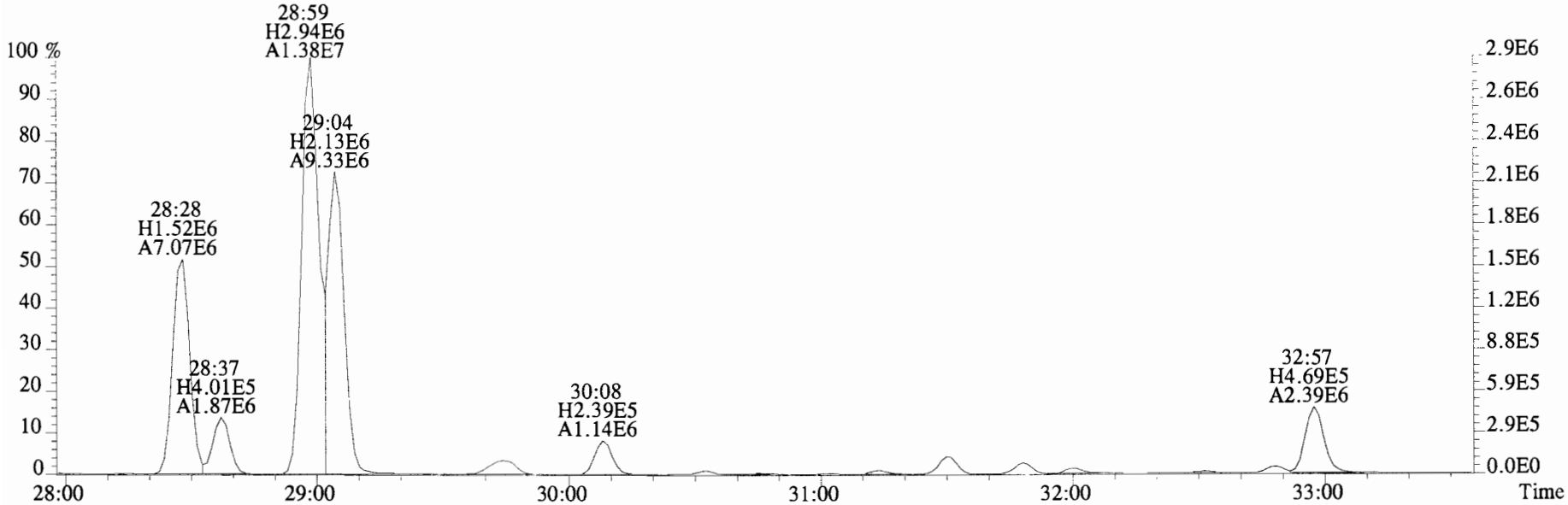
File:180315E1 #1-756 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
255.9613 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4876.0,0.00%,F,F)



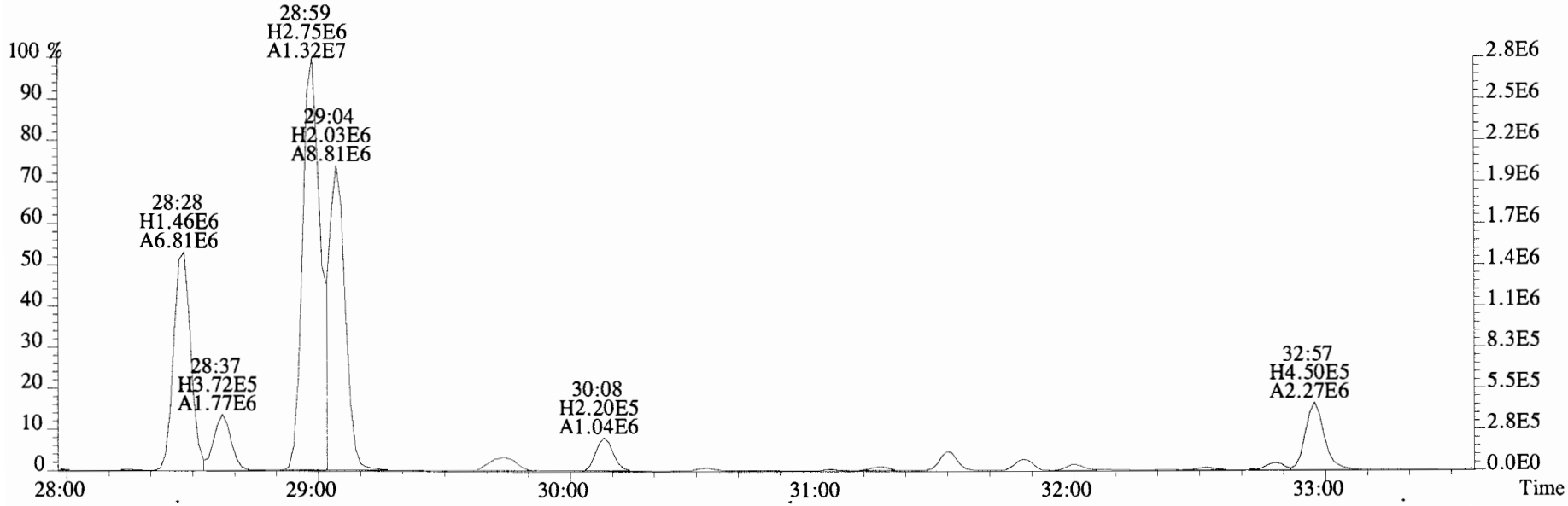
257.9584 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)



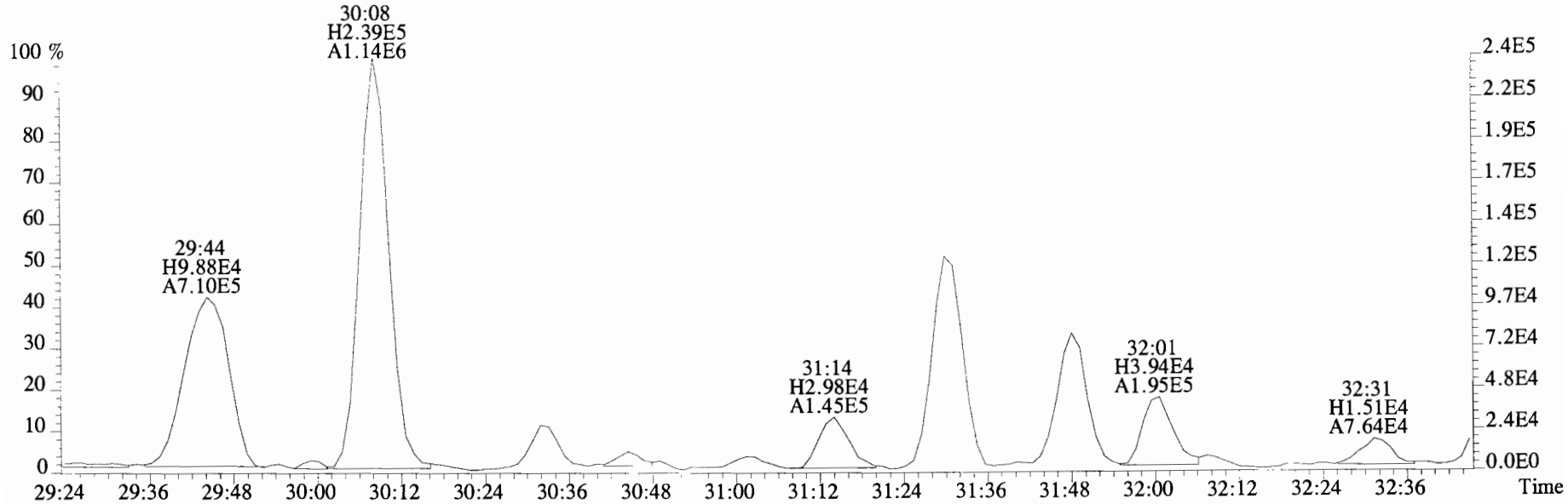
File:180315E1 #1-756 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
255.9613 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4876.0,0.00%,F,F)



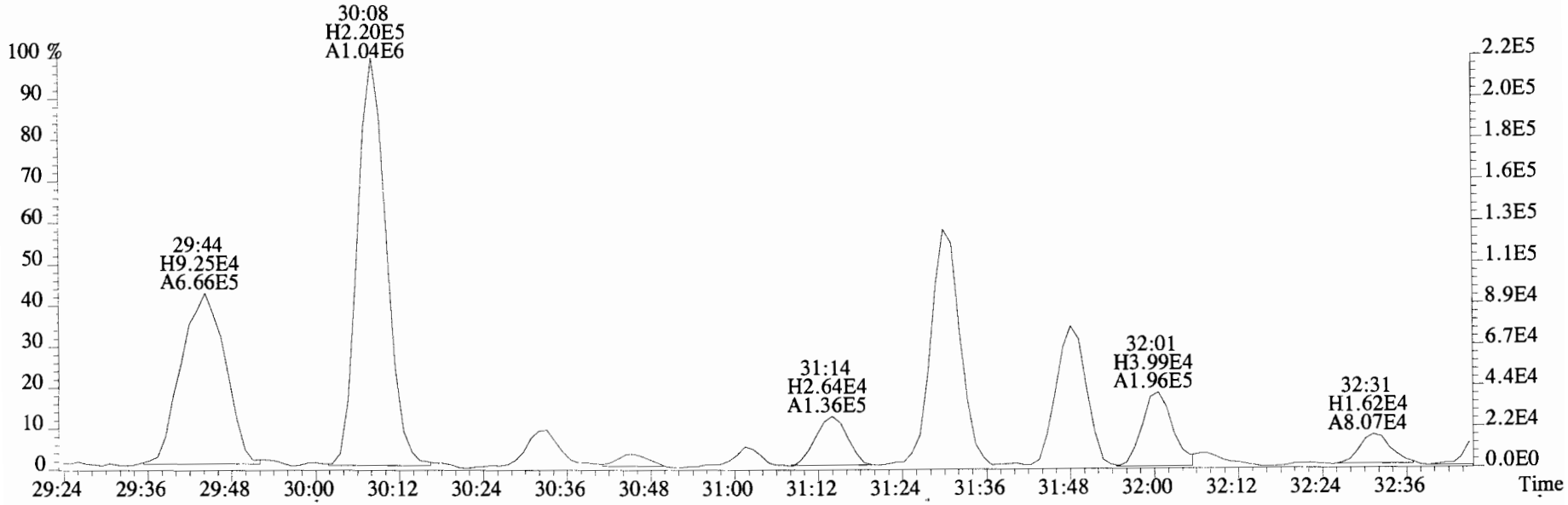
257.9584 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)



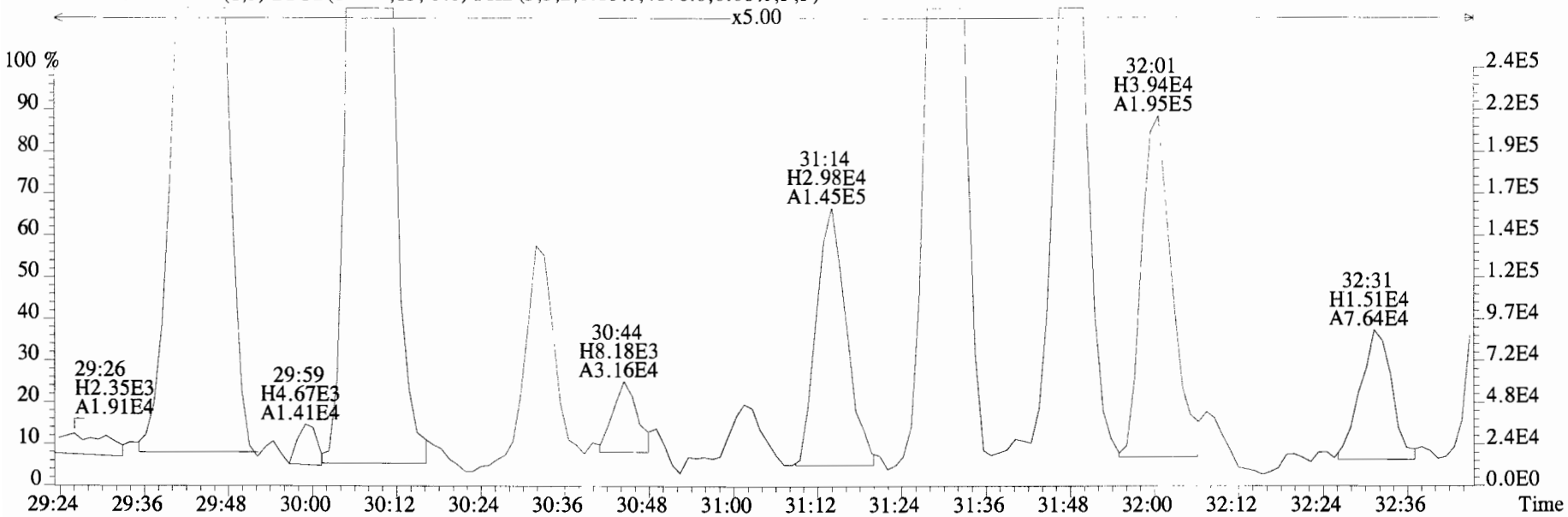
File:180315E1 #1-756 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZBI
255.9613 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4876.0,0.00%,F,F)



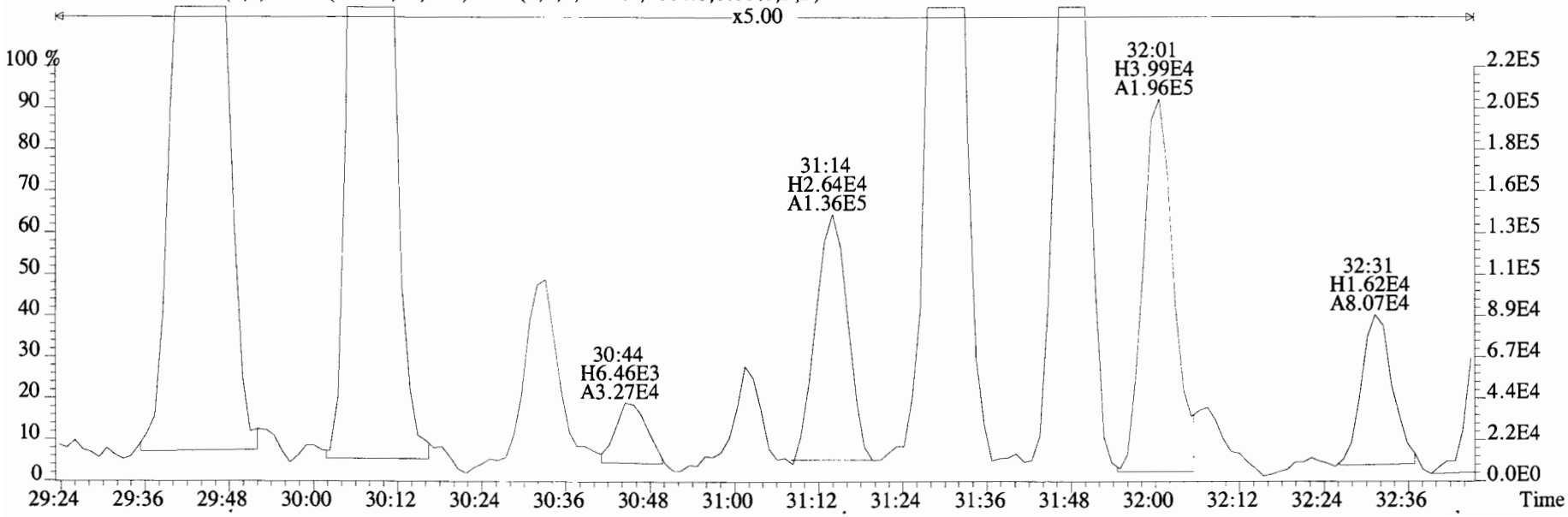
257.9584 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)



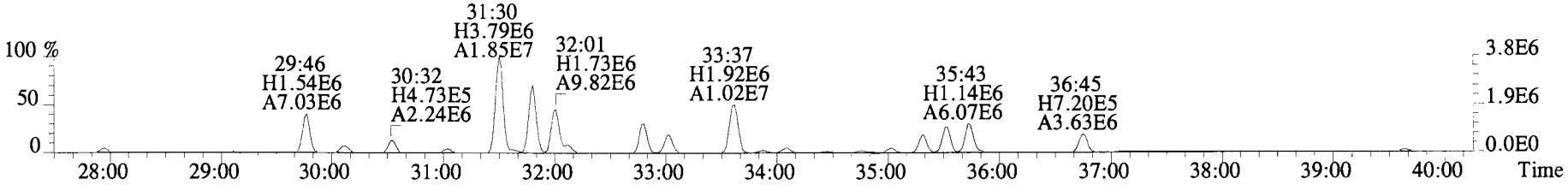
File:180315E1 #1-756 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
255.9613 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4876.0,0.00%,F,F)



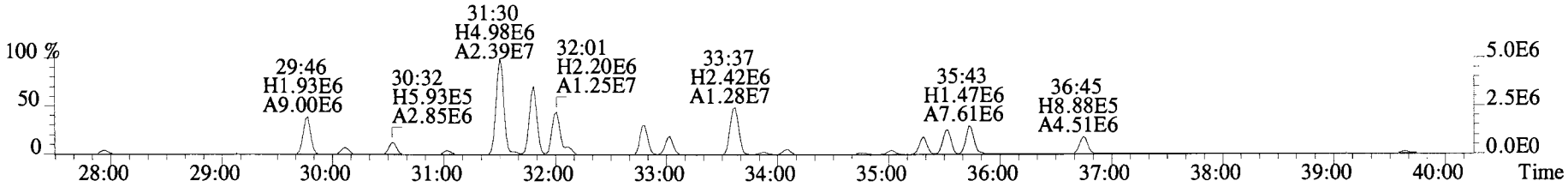
257.9584 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)



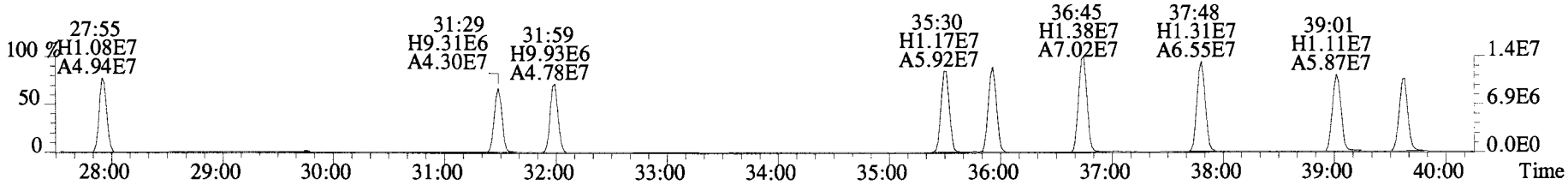
File:180315E1 #1-756 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
289.9224 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3432.0,0.00%,F,F)



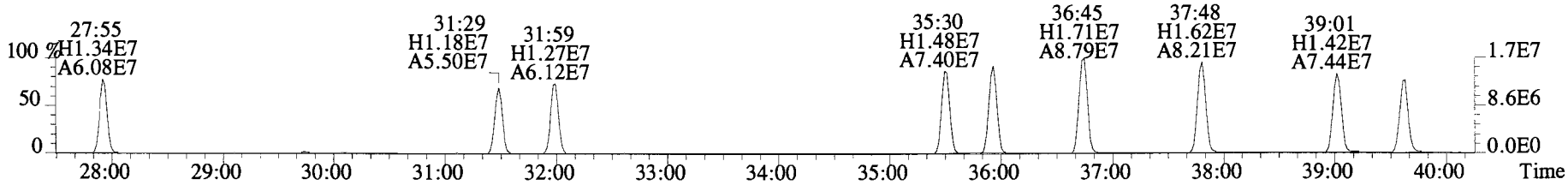
291.9194 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3668.0,0.00%,F,F)



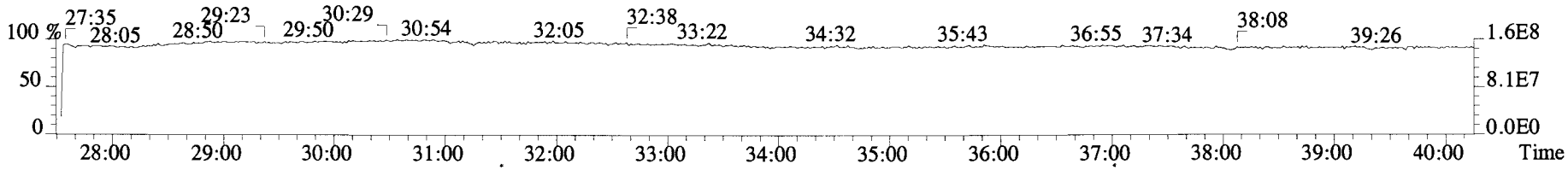
301.9626 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,86140.0,0.00%,F,F)



303.9597 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39320.0,0.00%,F,F)

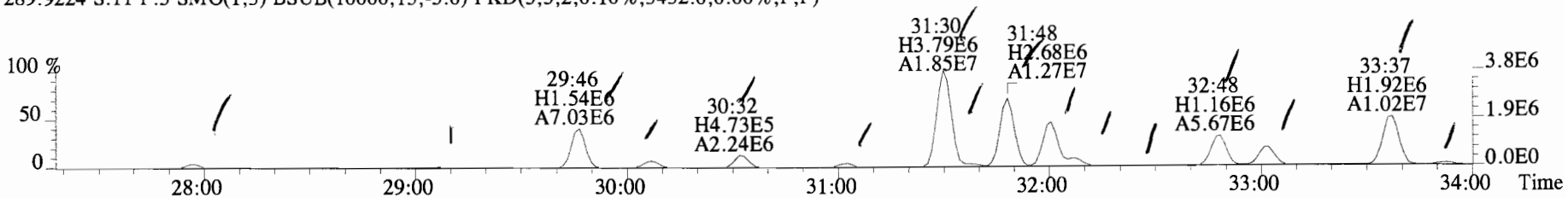


330.9792 S:11 F:3

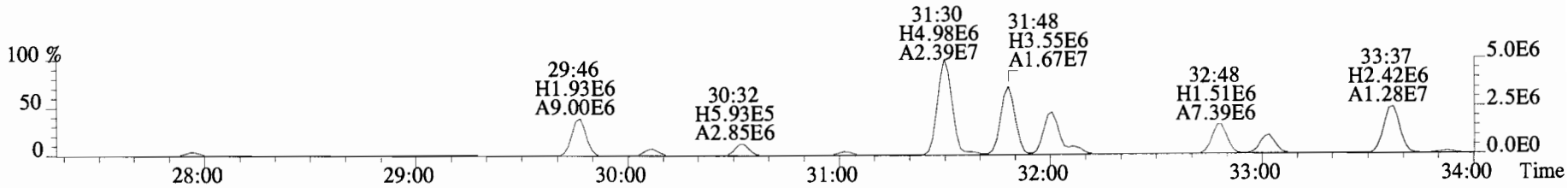


File:180315E1 #1-756 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1

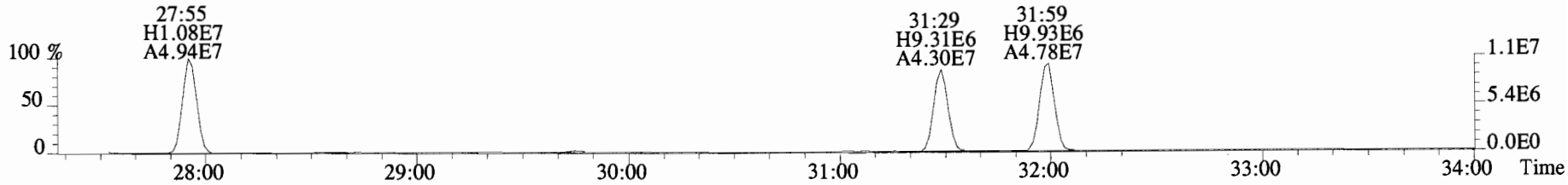
289.9224 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3432.0,0.00%,F,F)



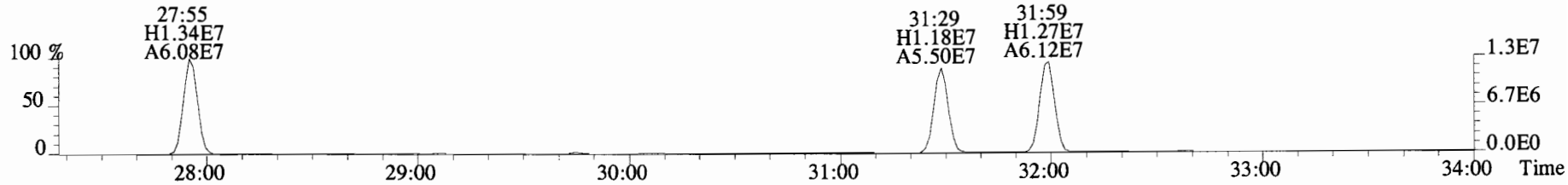
291.9194 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3668.0,0.00%,F,F)



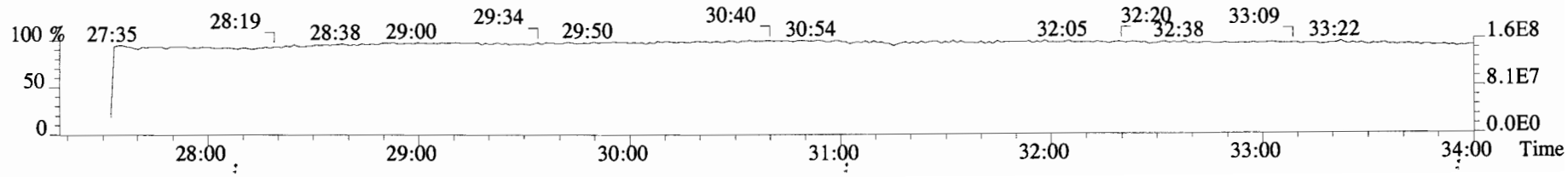
301.9626 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,86140.0,0.00%,F,F)



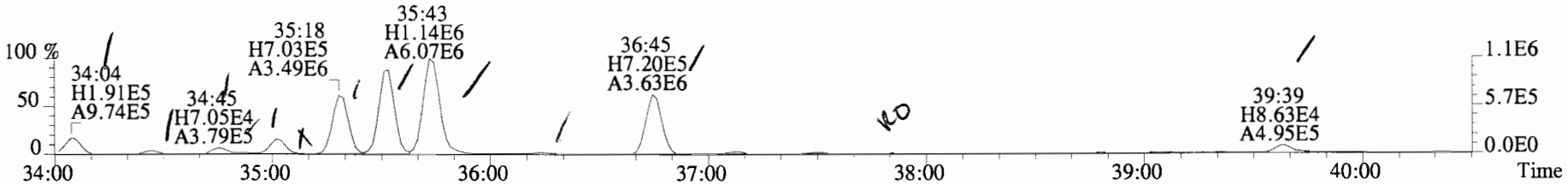
303.9597 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39320.0,0.00%,F,F)



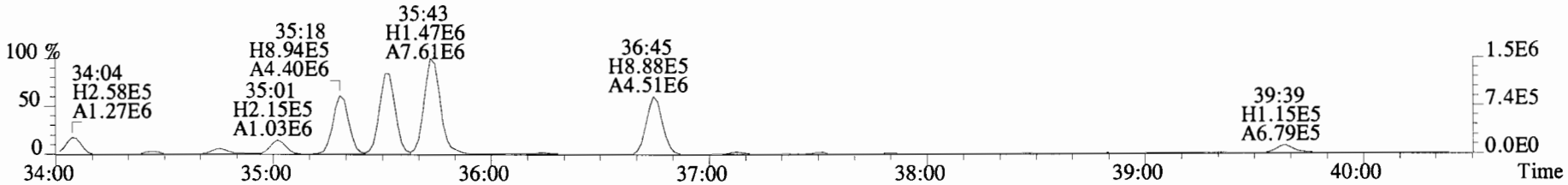
330.9792 S:11 F:3



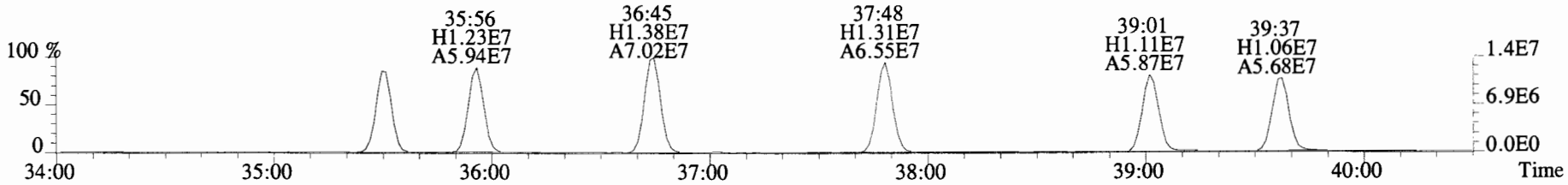
File:180315E1 #1-756 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
289.9224 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3432.0,0.00%,F,F)



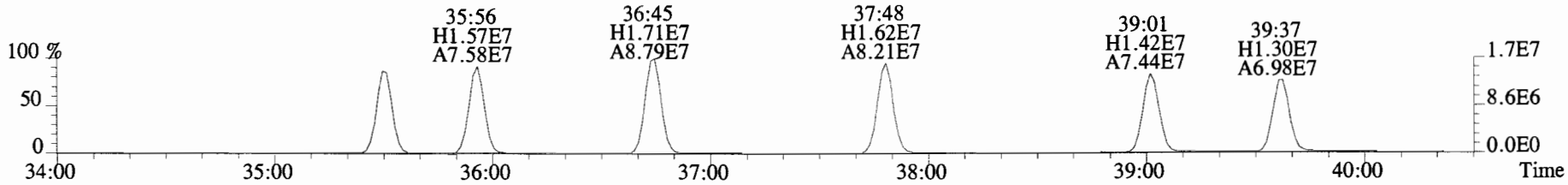
291.9194 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3668.0,0.00%,F,F)



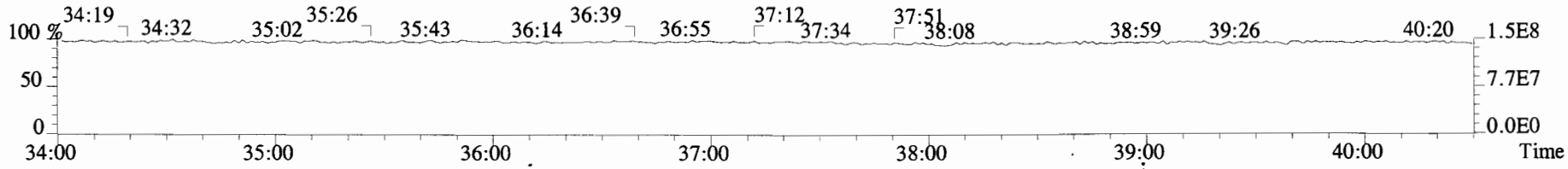
301.9626 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,86140.0,0.00%,F,F)



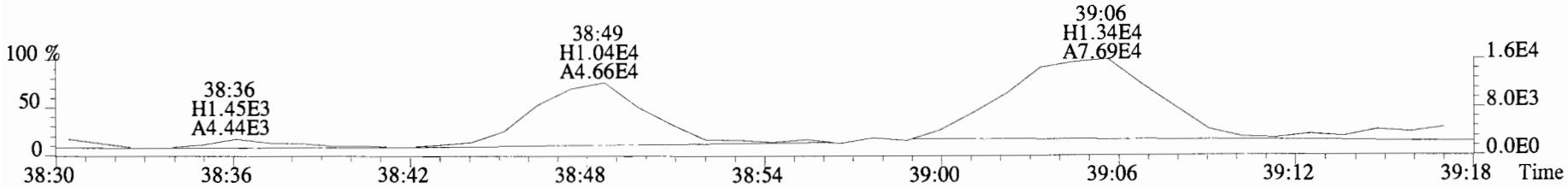
303.9597 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39320.0,0.00%,F,F)



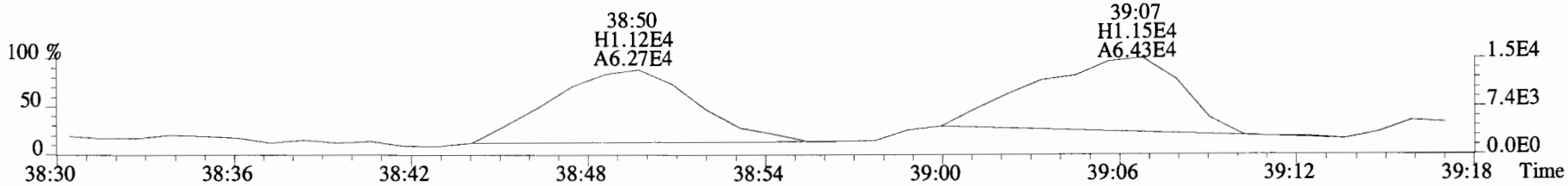
330.9792 S:11 F:3



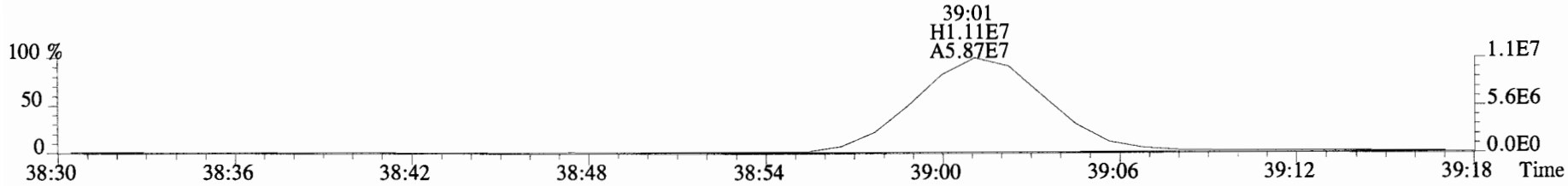
File:180315E1 #1-756 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
289.9224 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3432.0,0.00%,F,F)



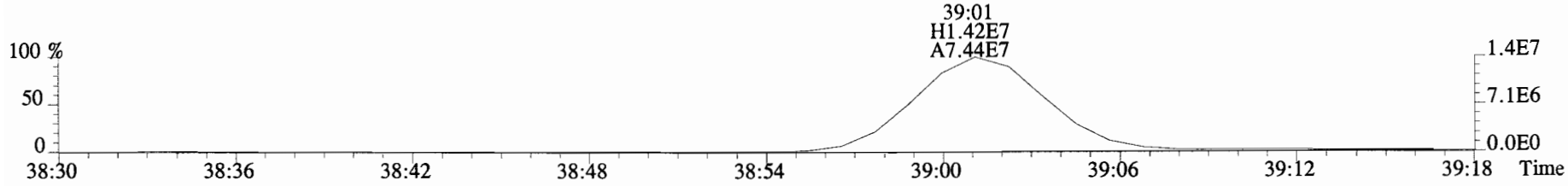
291.9194 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3668.0,0.00%,F,F)



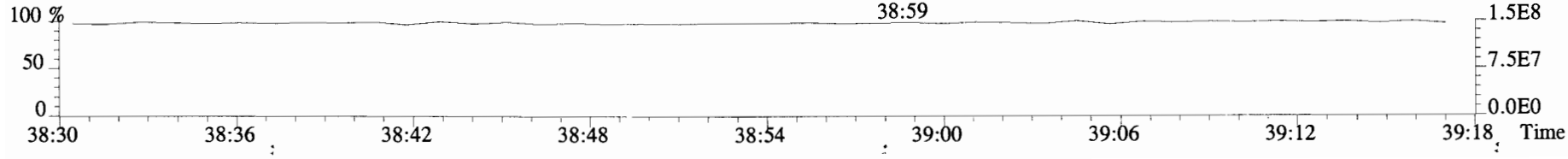
301.9626 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,86140.0,0.00%,F,F)



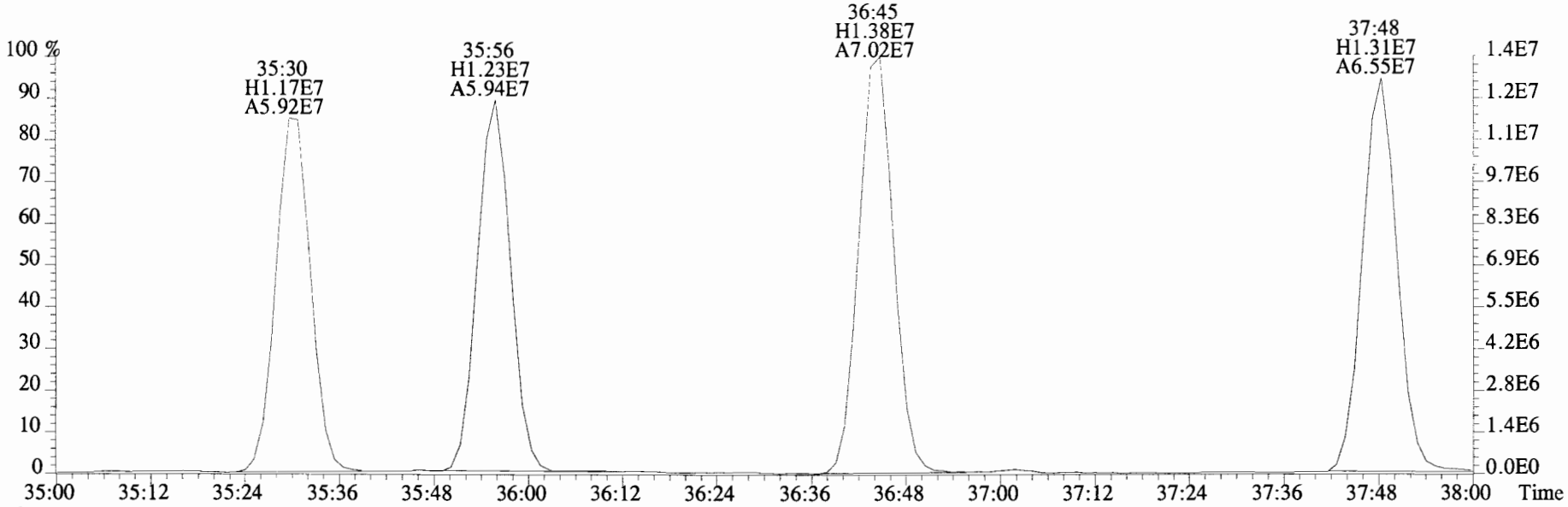
303.9597 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39320.0,0.00%,F,F)



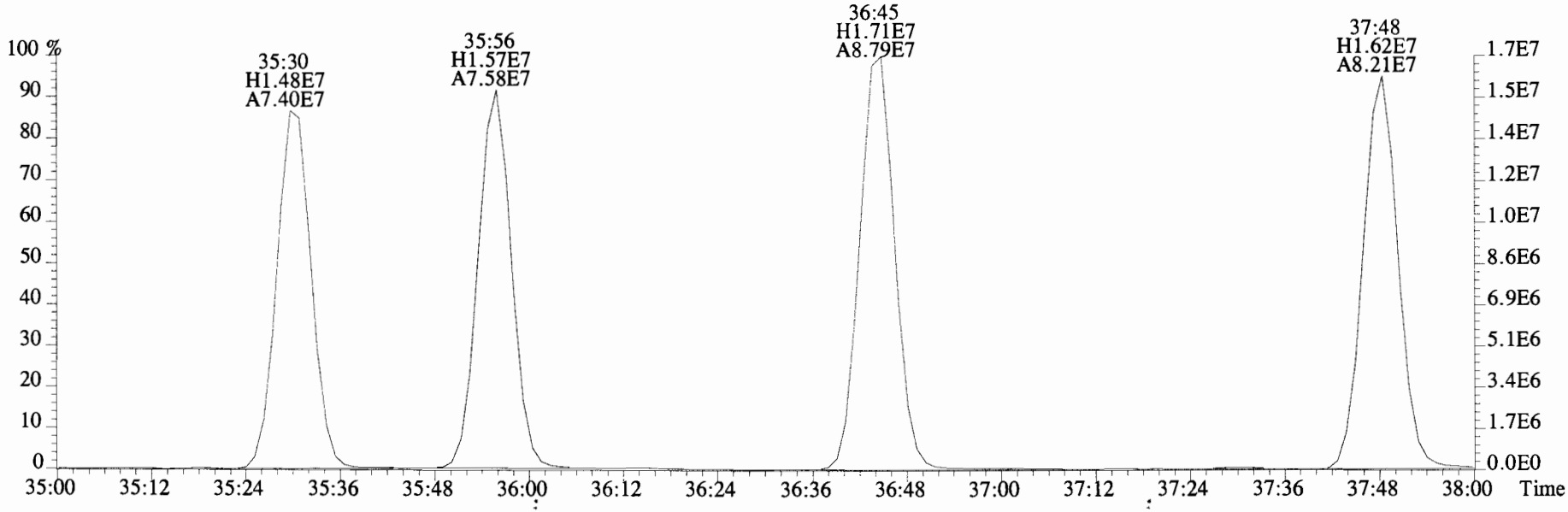
330.9792 S:11 F:3



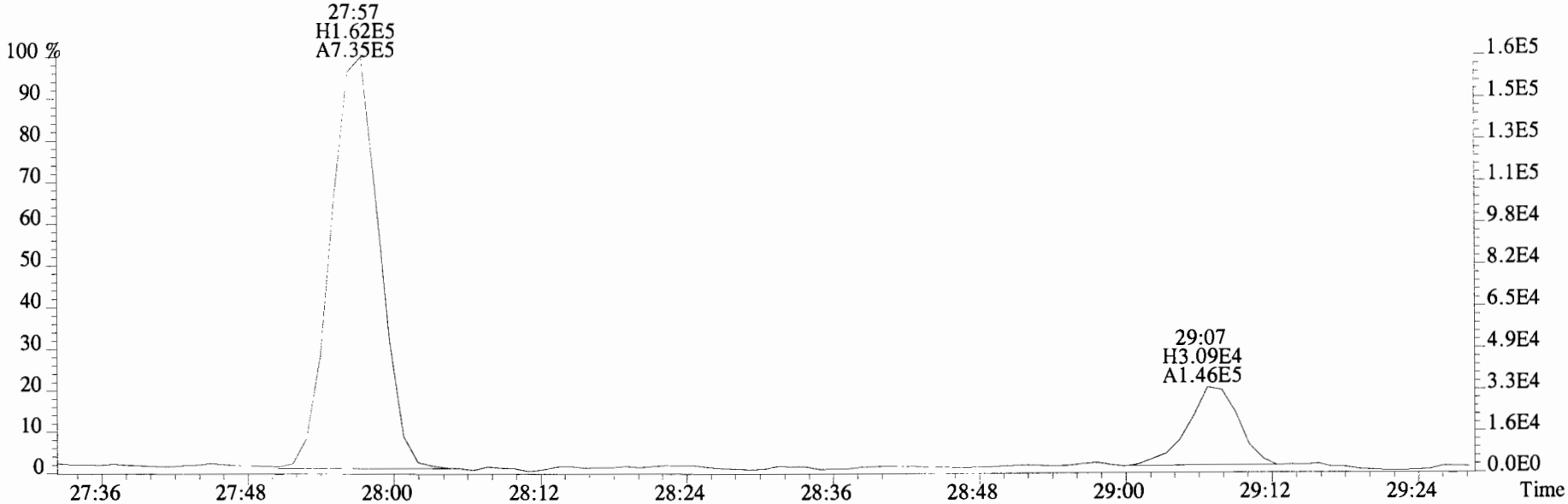
File:180315E1 #1-756 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
301.9626 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,86140.0,0.00%,F,F)



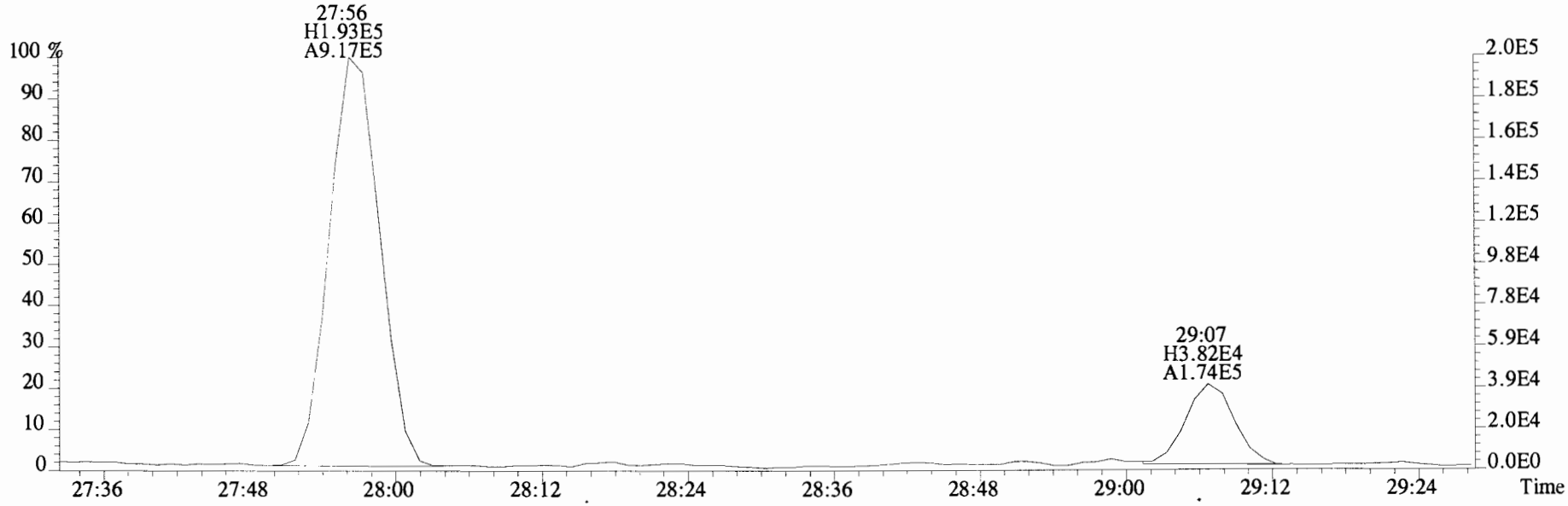
303.9597 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39320.0,0.00%,F,F)



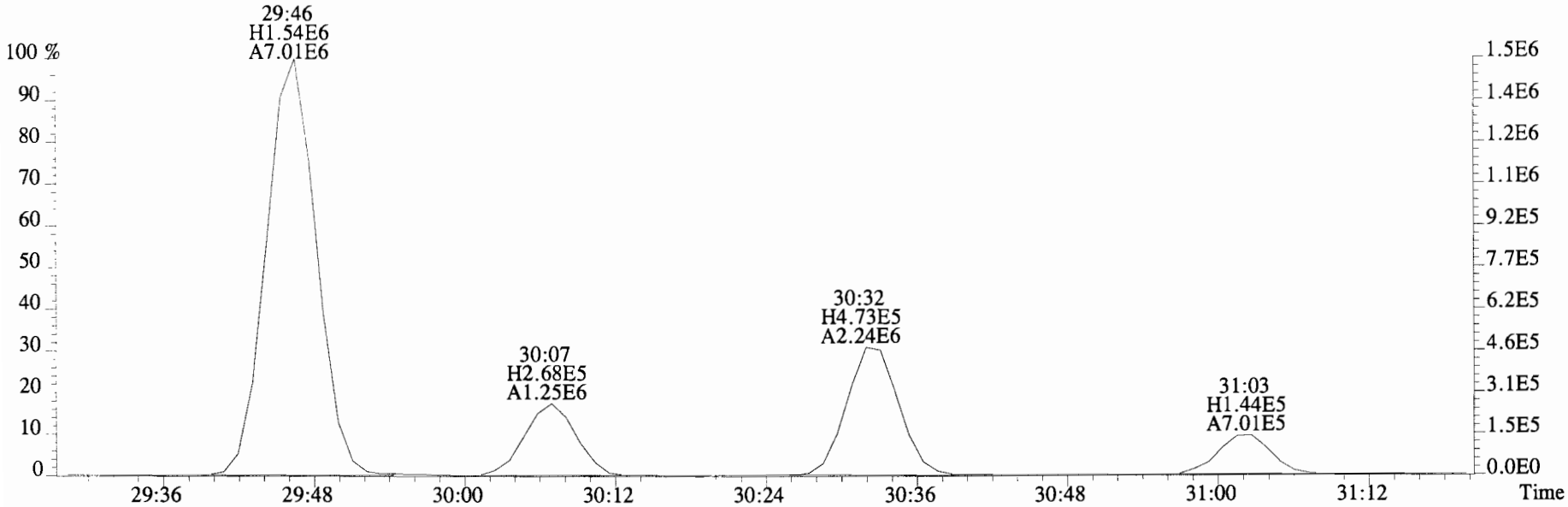
File:180315E1 #1-756 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
289.9224 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3432.0,0.00%,F,F)



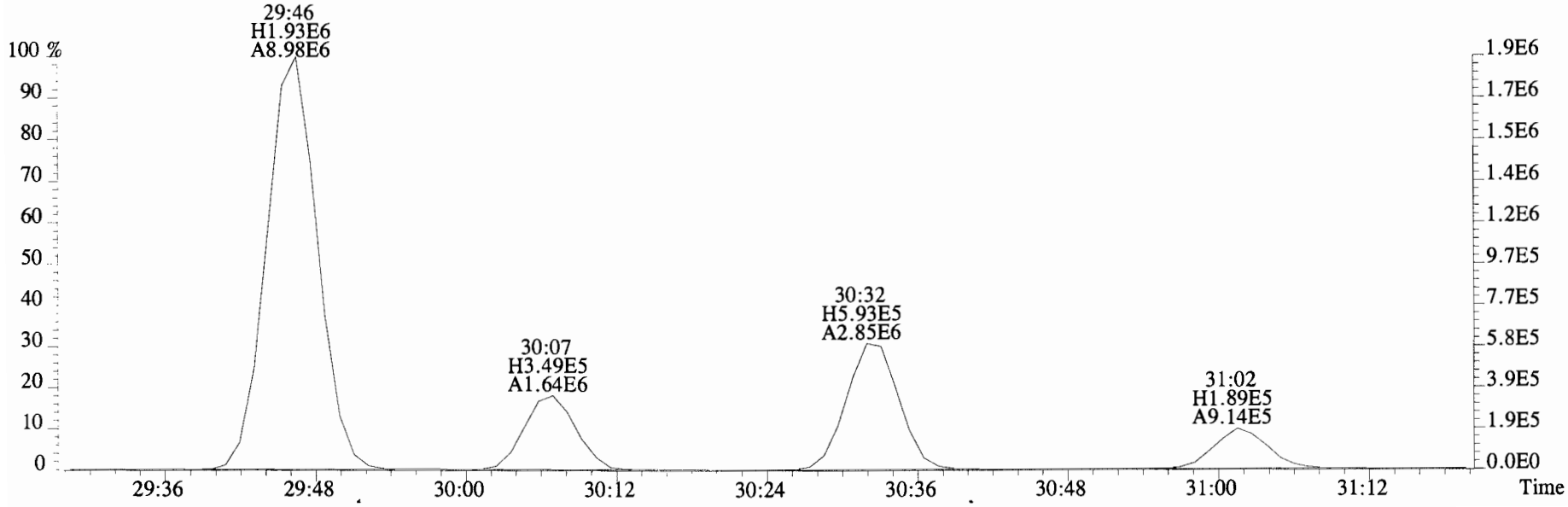
291.9194 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3668.0,0.00%,F,F)



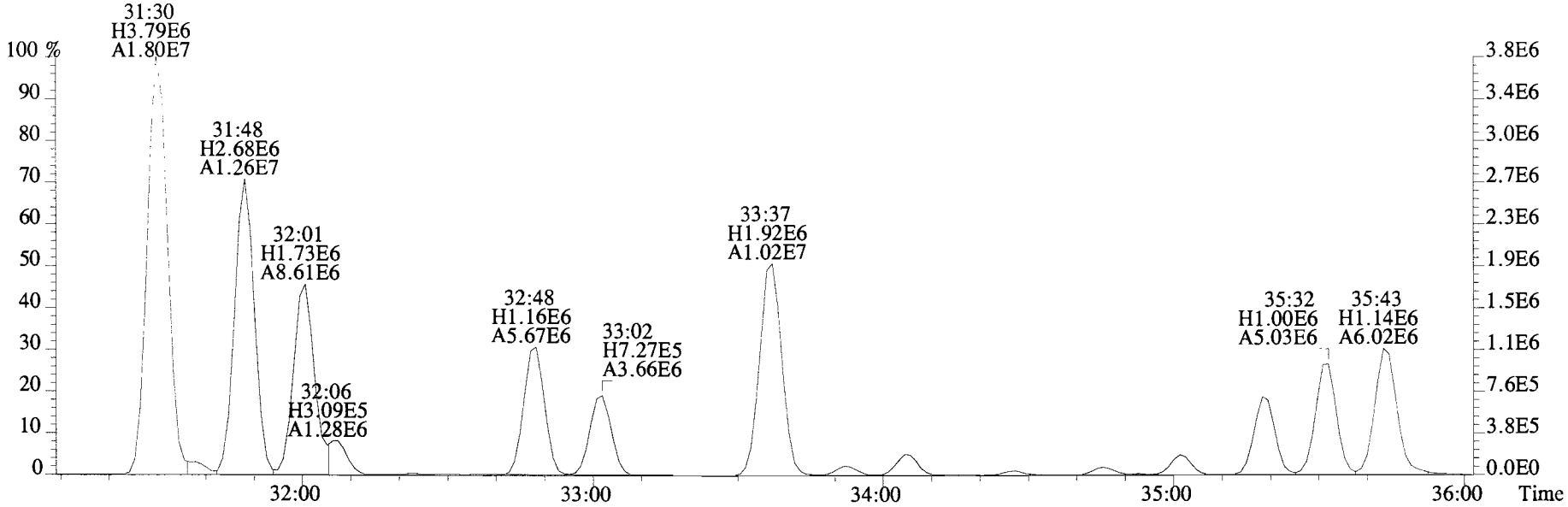
File:180315E1 #1-756 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
289.9224 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3432.0,0.00%,F,F)



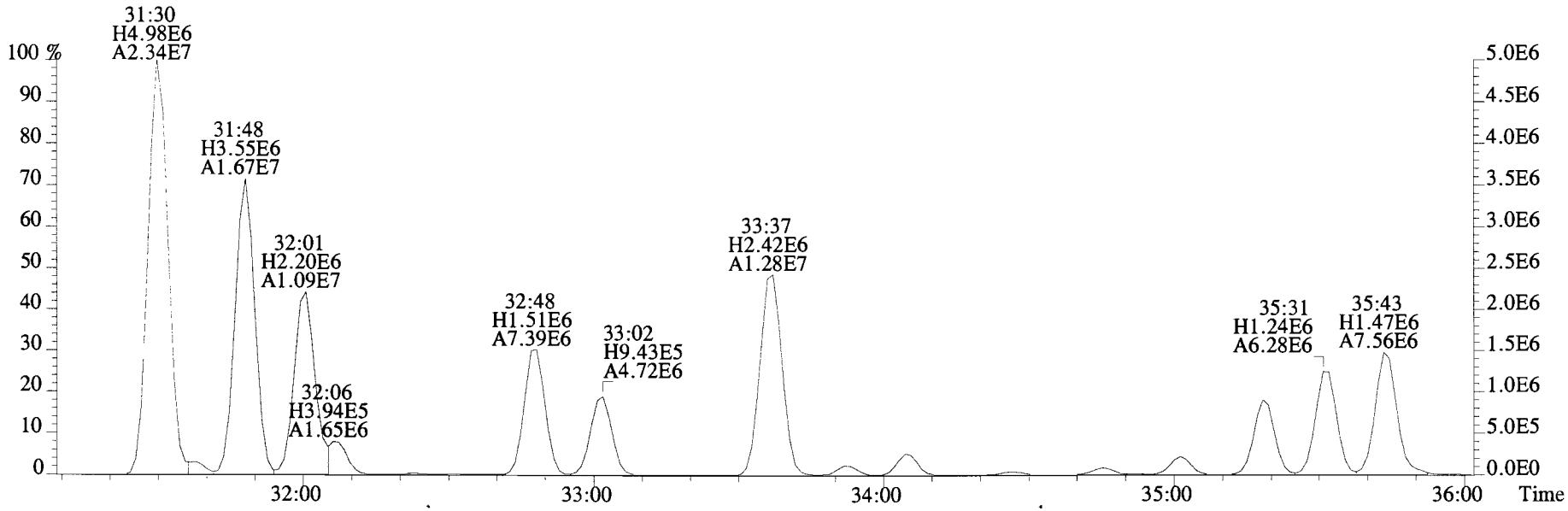
291.9194 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3668.0,0.00%,F,F)



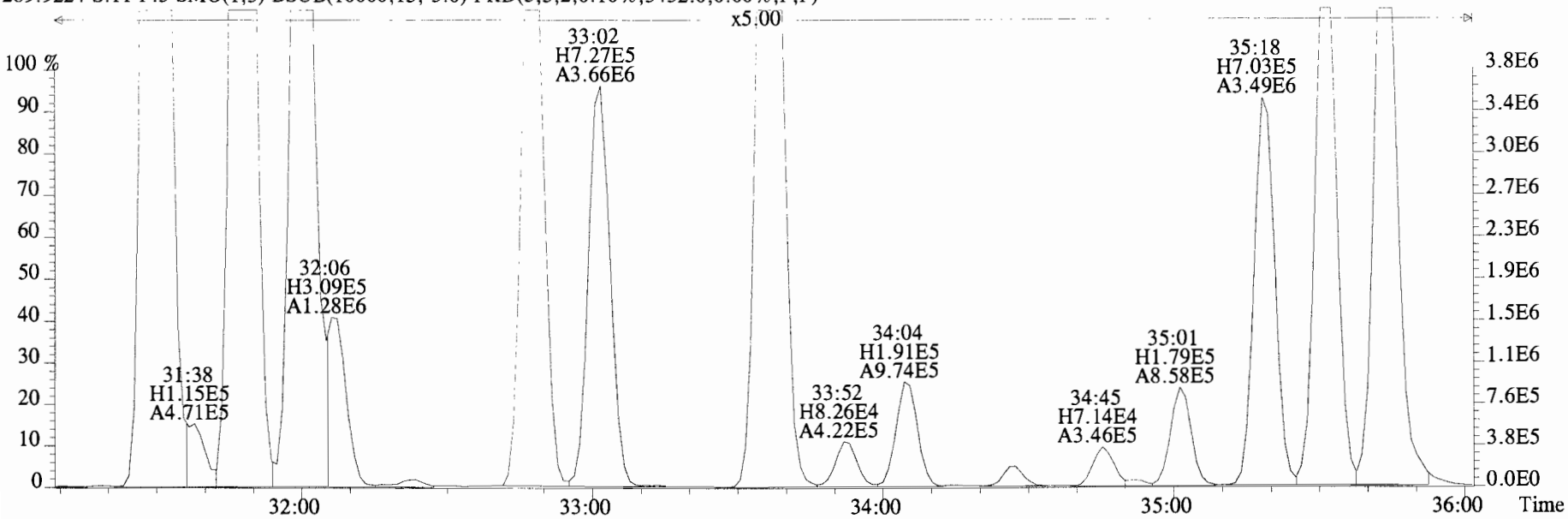
File:180315E1 #1-756 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
289.9224 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3432.0,0.00%,F,F)



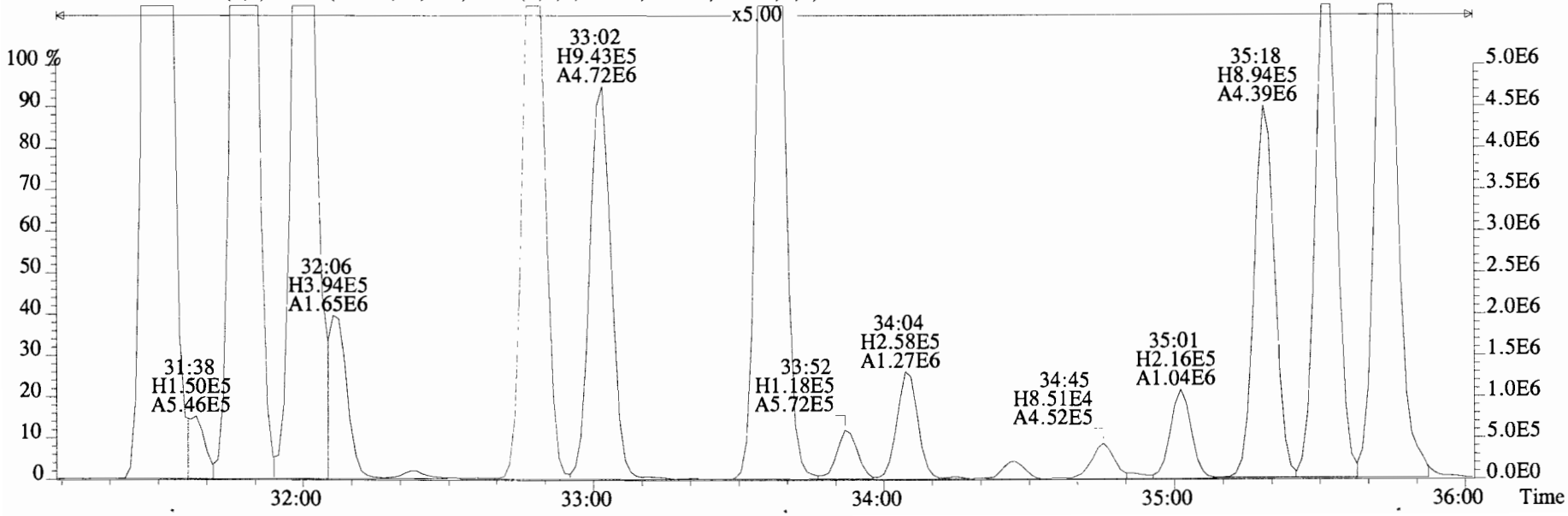
291.9194 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3668.0,0.00%,F,F)



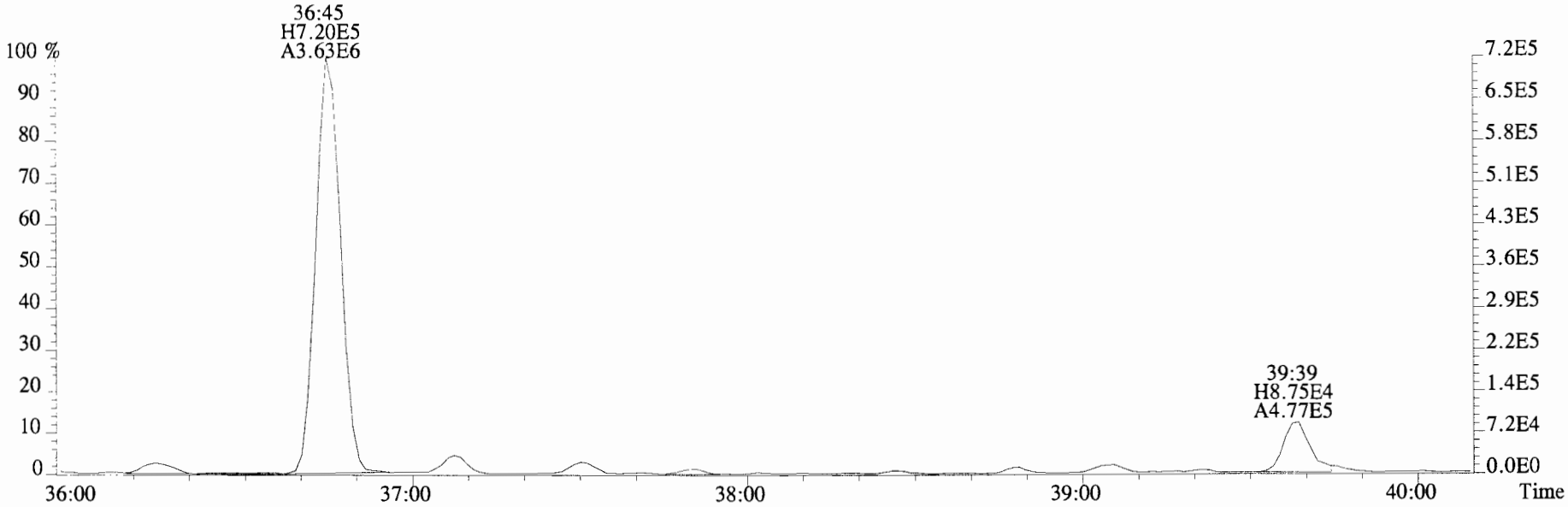
File:180315E1 #1-756 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
289.9224 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3432.0,0.00%,F,F)



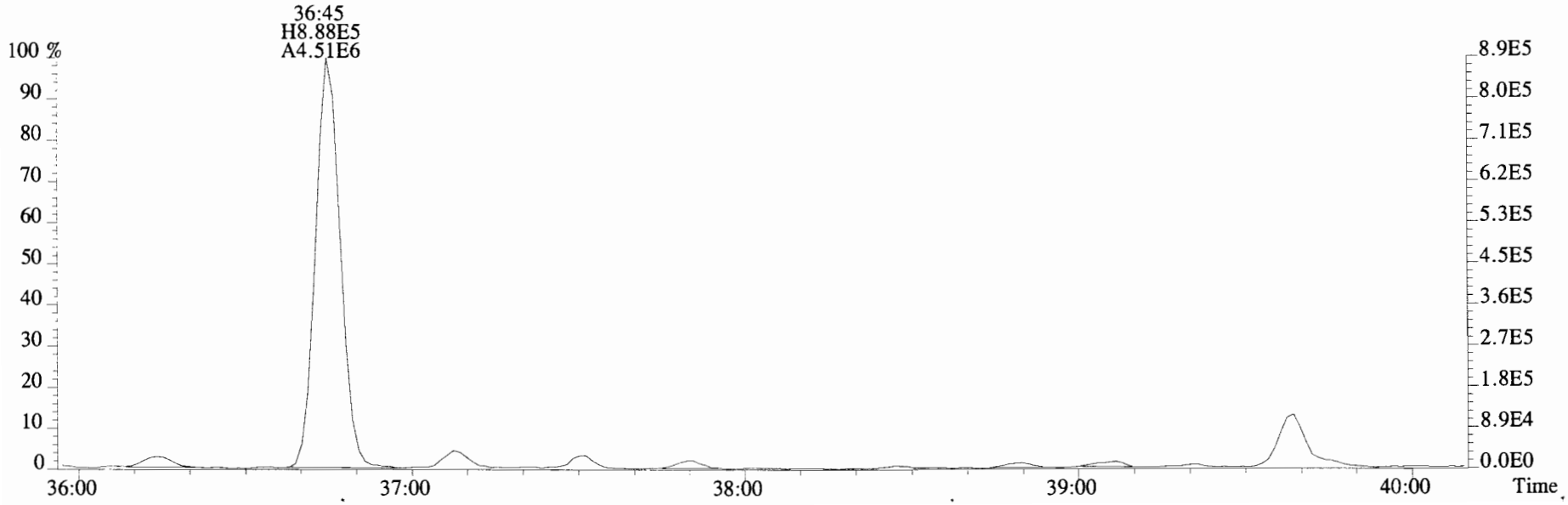
291.9194 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3668.0,0.00%,F,F)



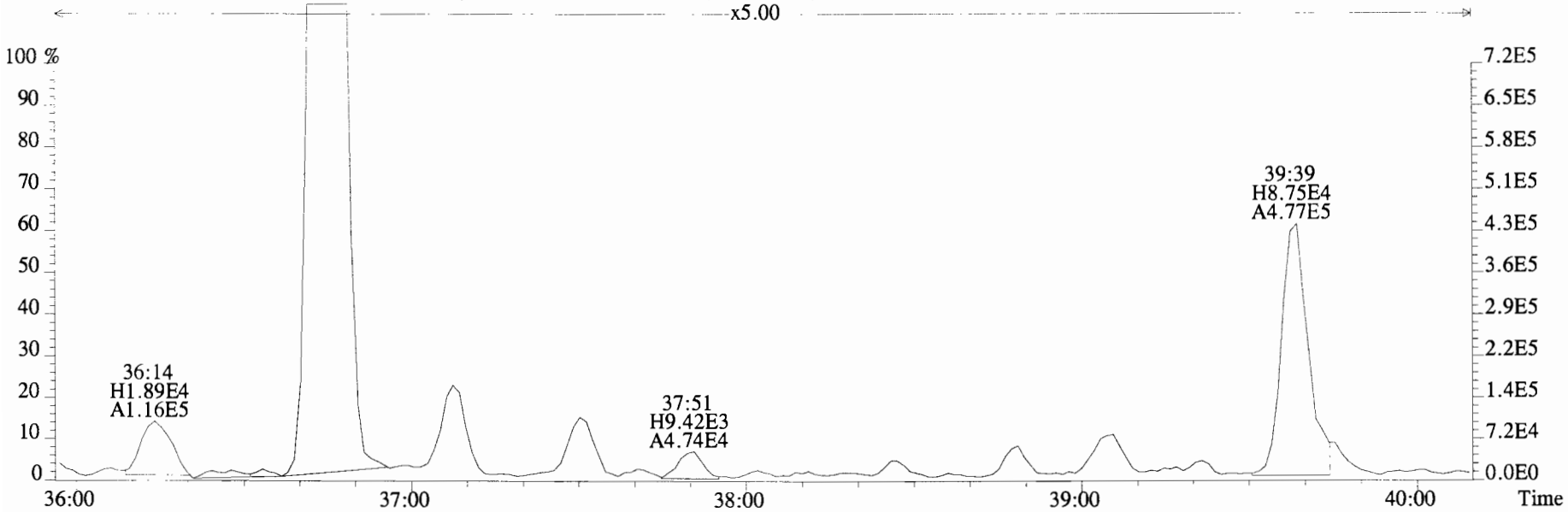
File:180315E1 #1-756 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
289.9224 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3432.0,0.00%,F,F)



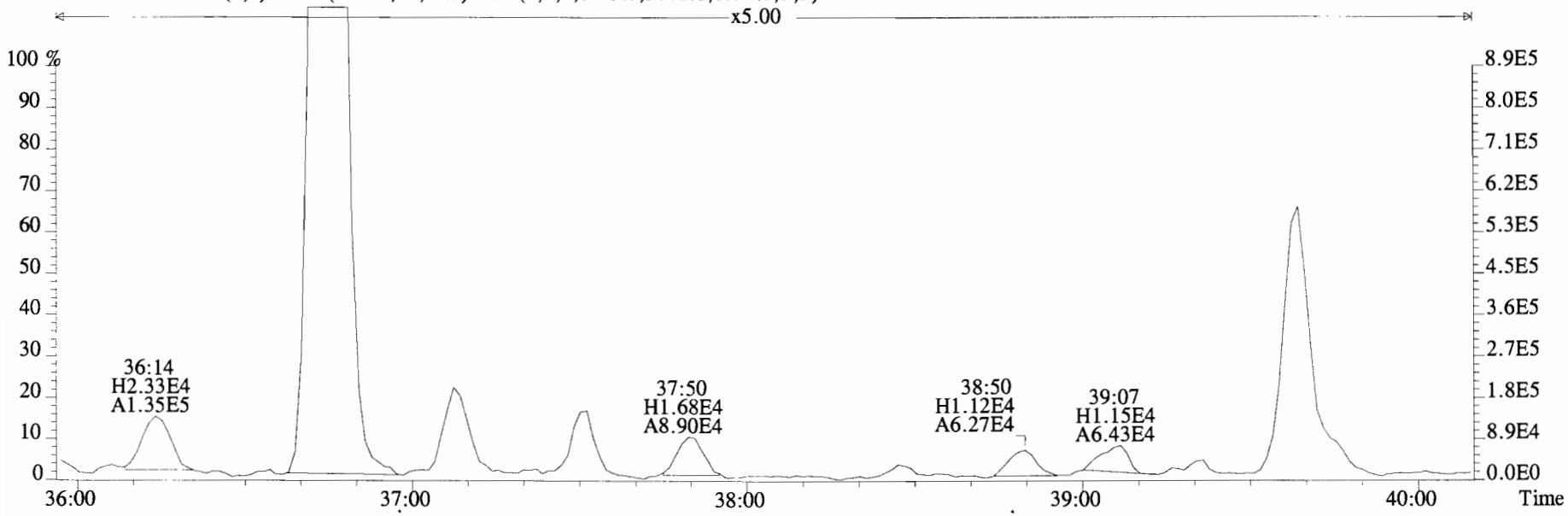
291.9194 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3668.0,0.00%,F,F)



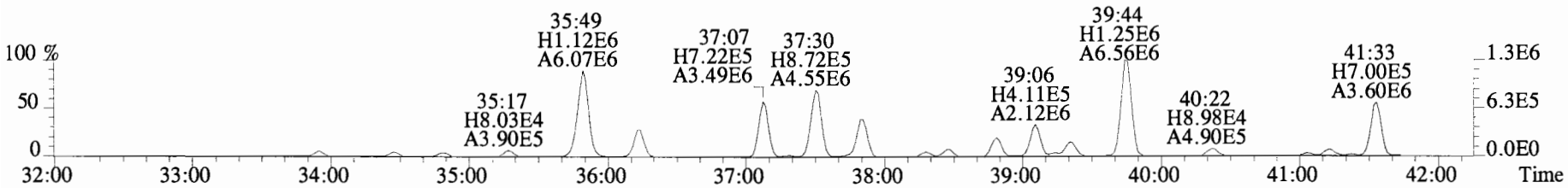
File:180315E1 #1-756 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
289.9224 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3432.0,0.00%,F,F)



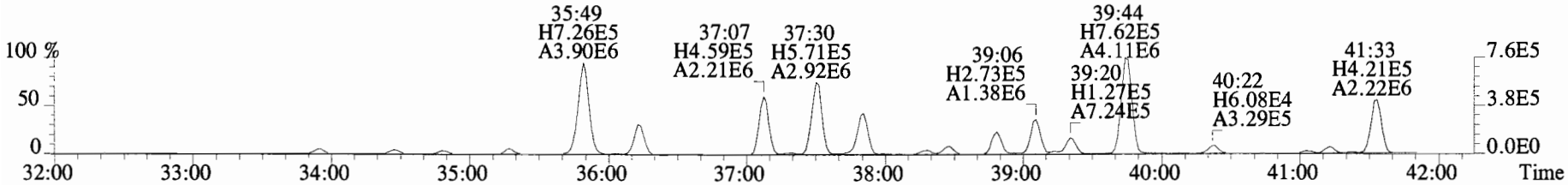
291.9194 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3668.0,0.00%,F,F)



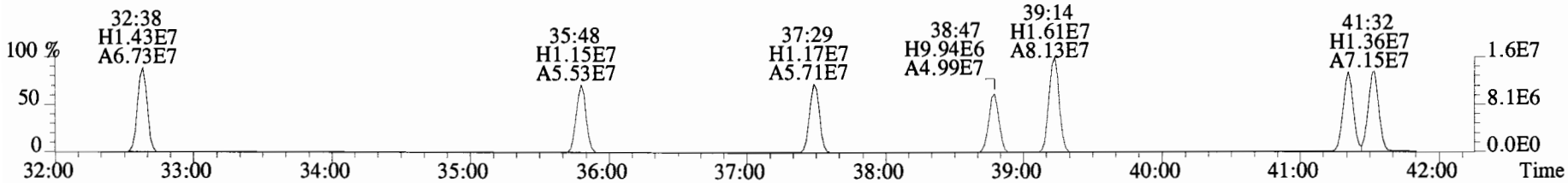
File:180315E1 #1-756 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
325.8804 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2308.0,0.00%,F,F)



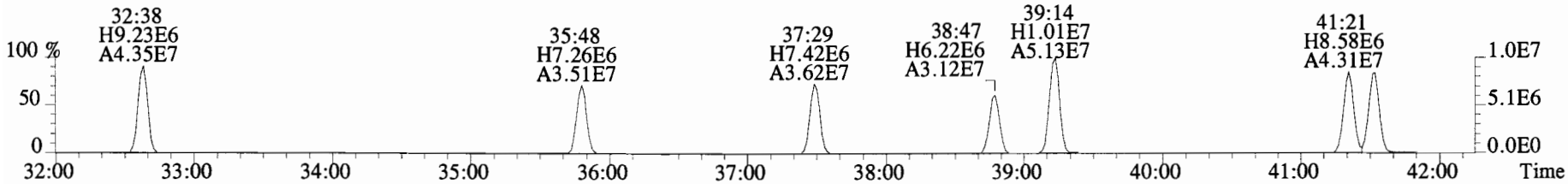
327.8775 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2072.0,0.00%,F,F)



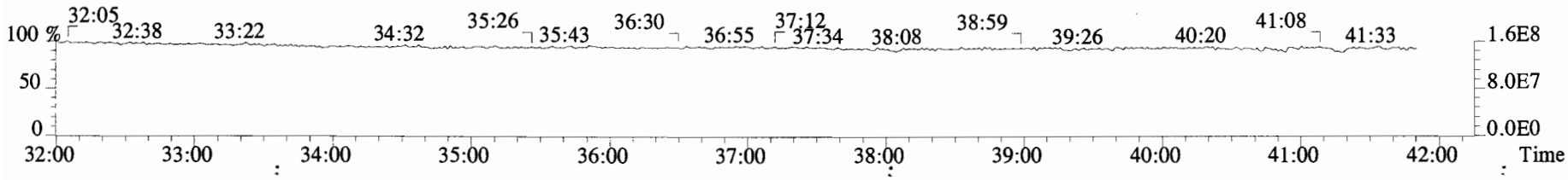
337.9207 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6728.0,0.00%,F,F)



339.9177 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4760.0,0.00%,F,F)

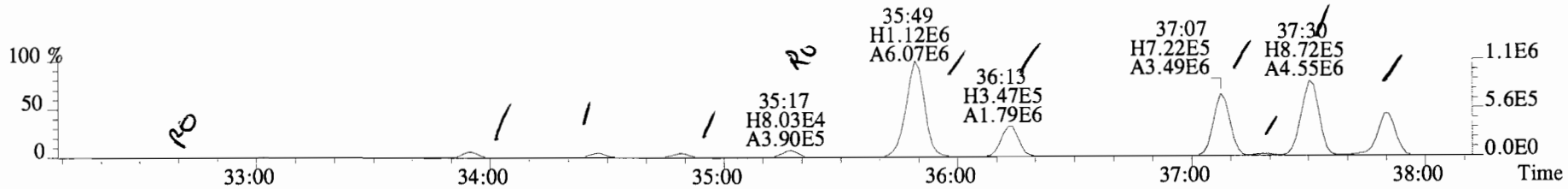


330.9792 S:11 F:3

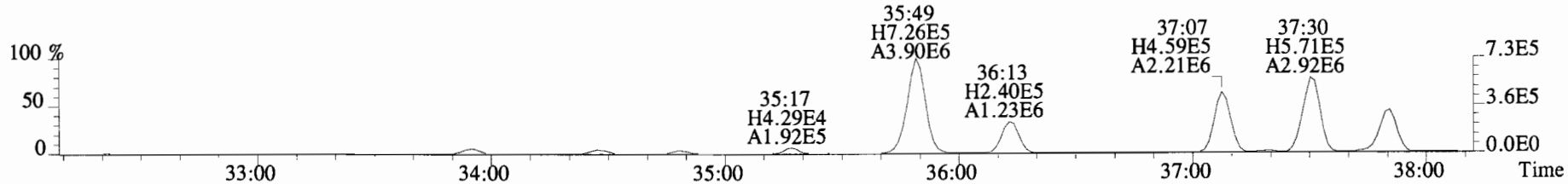


File:180315E1 #1-756 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1

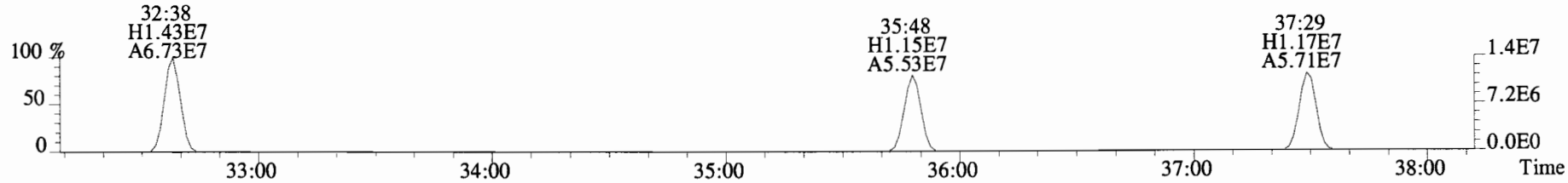
325.8804 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2308.0,0.00%,F,F)



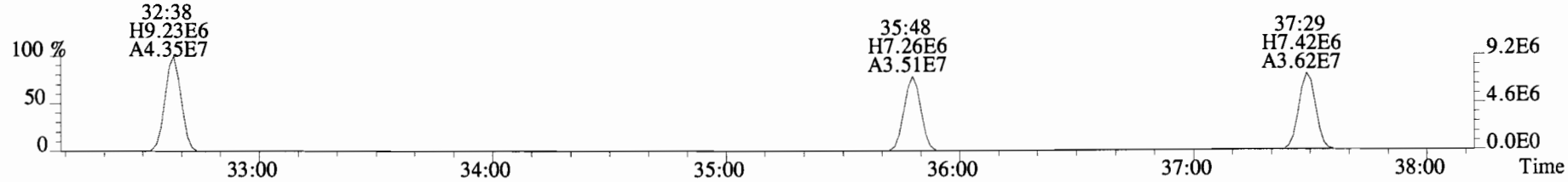
327.8775 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2072.0,0.00%,F,F)



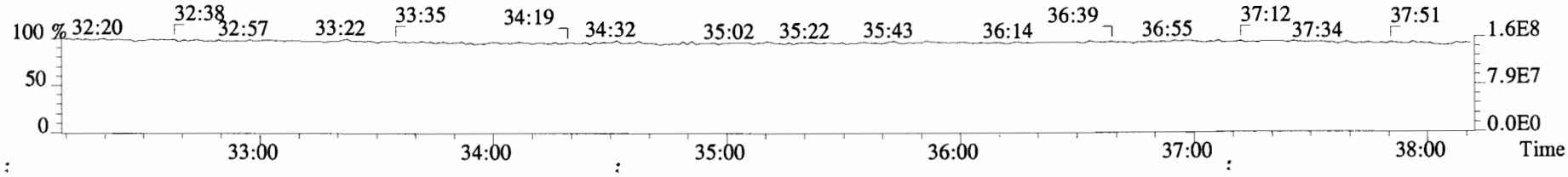
337.9207 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6728.0,0.00%,F,F)



339.9177 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4760.0,0.00%,F,F)

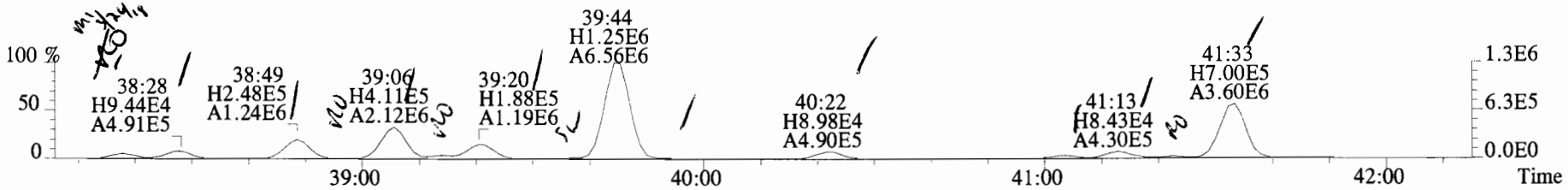


330.9792 S:11 F:3

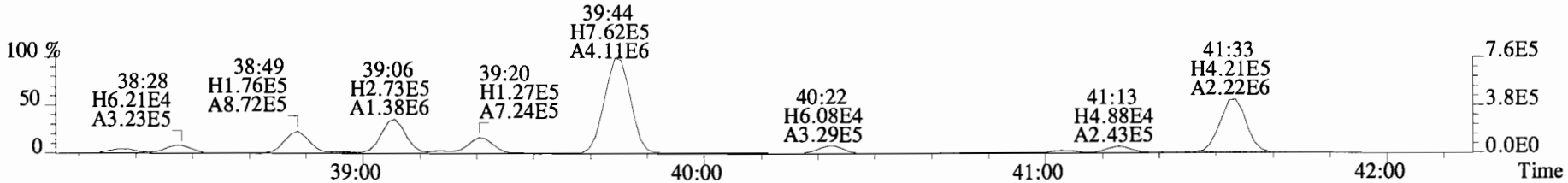


File:180315E1 #1-756 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1

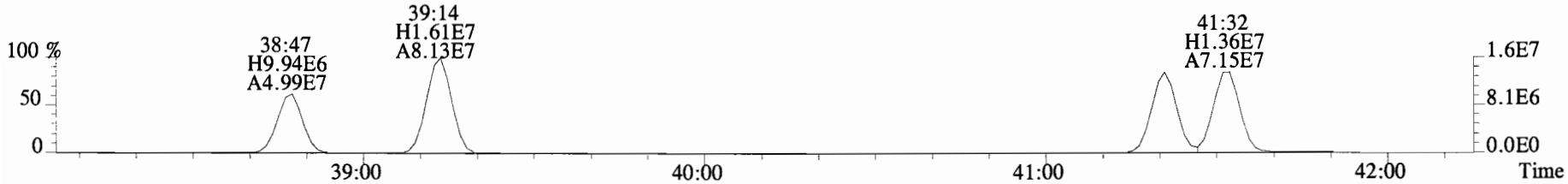
325.8804 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2308.0,0.00%,F,F)



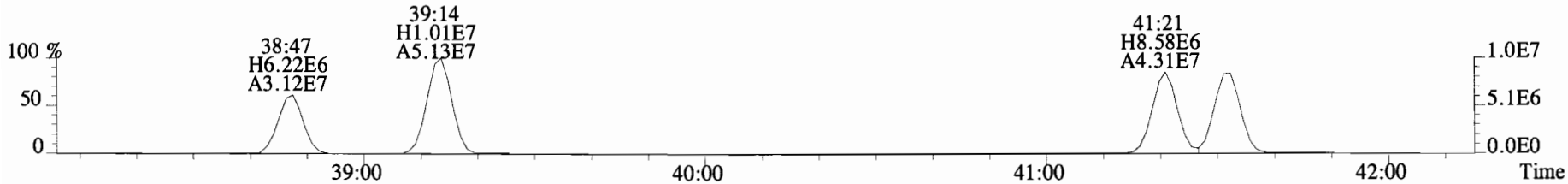
327.8775 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2072.0,0.00%,F,F)



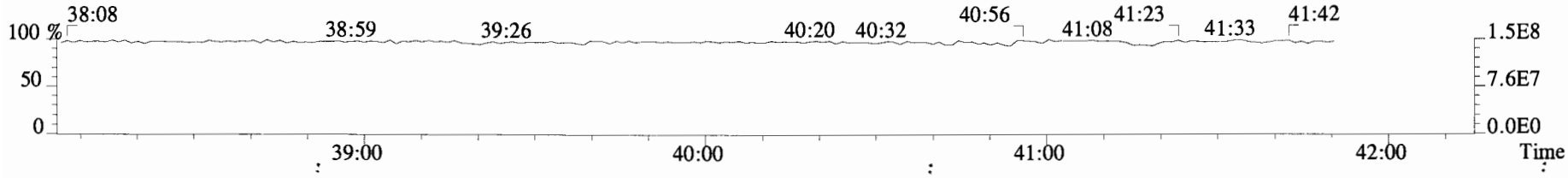
337.9207 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6728.0,0.00%,F,F)



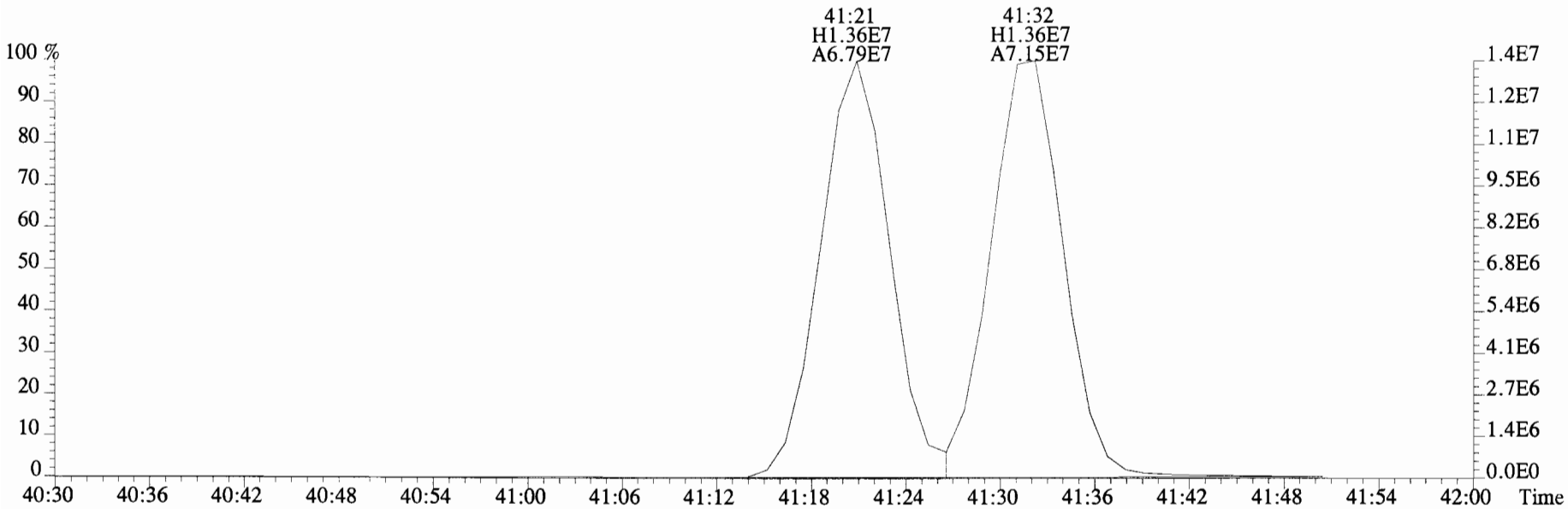
339.9177 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4760.0,0.00%,F,F)



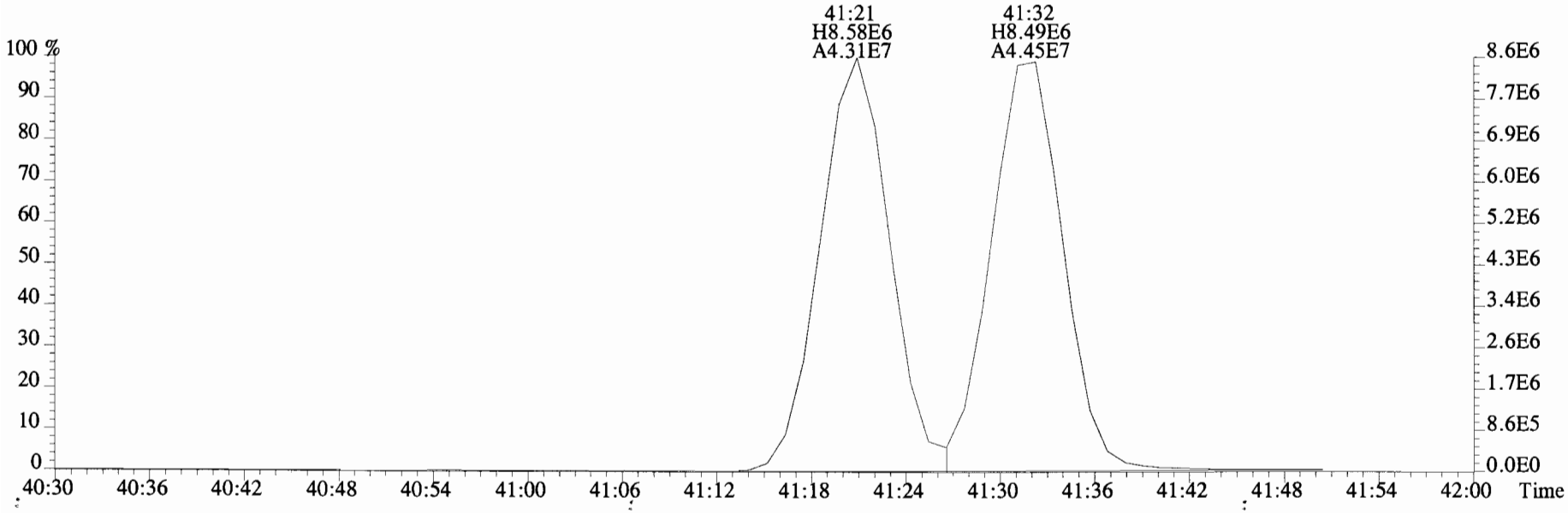
330.9792 S:11 F:3



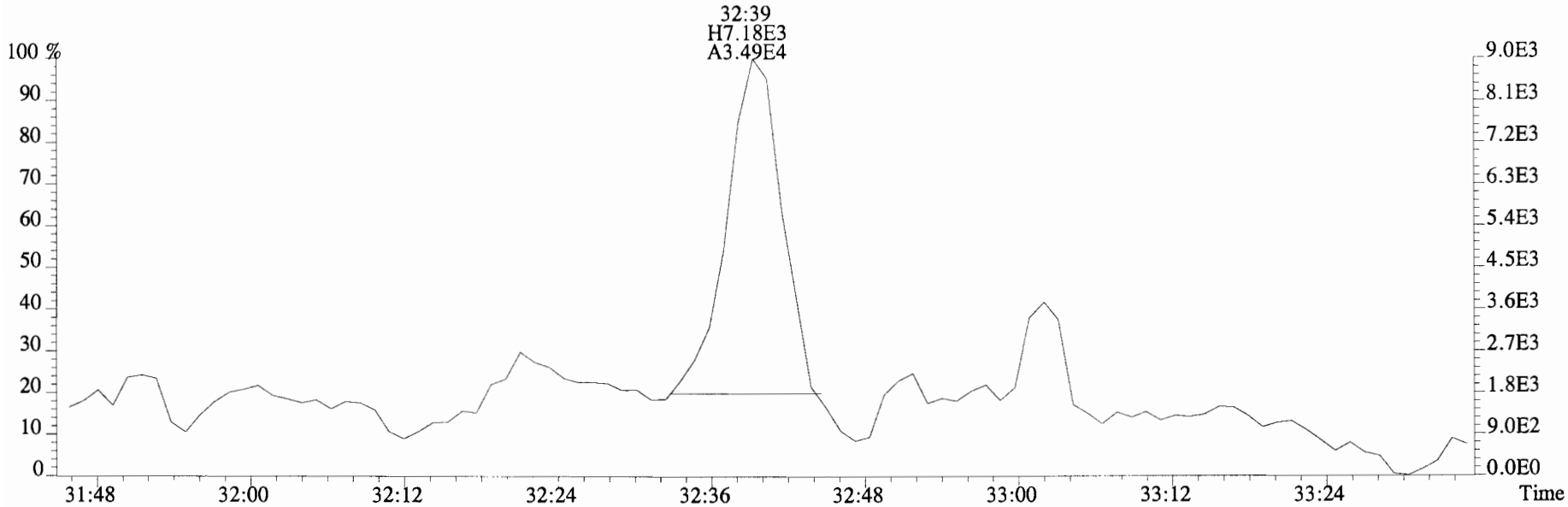
File:180315E1 #1-756 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
337.9207 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6728.0,0.00%,F,F)



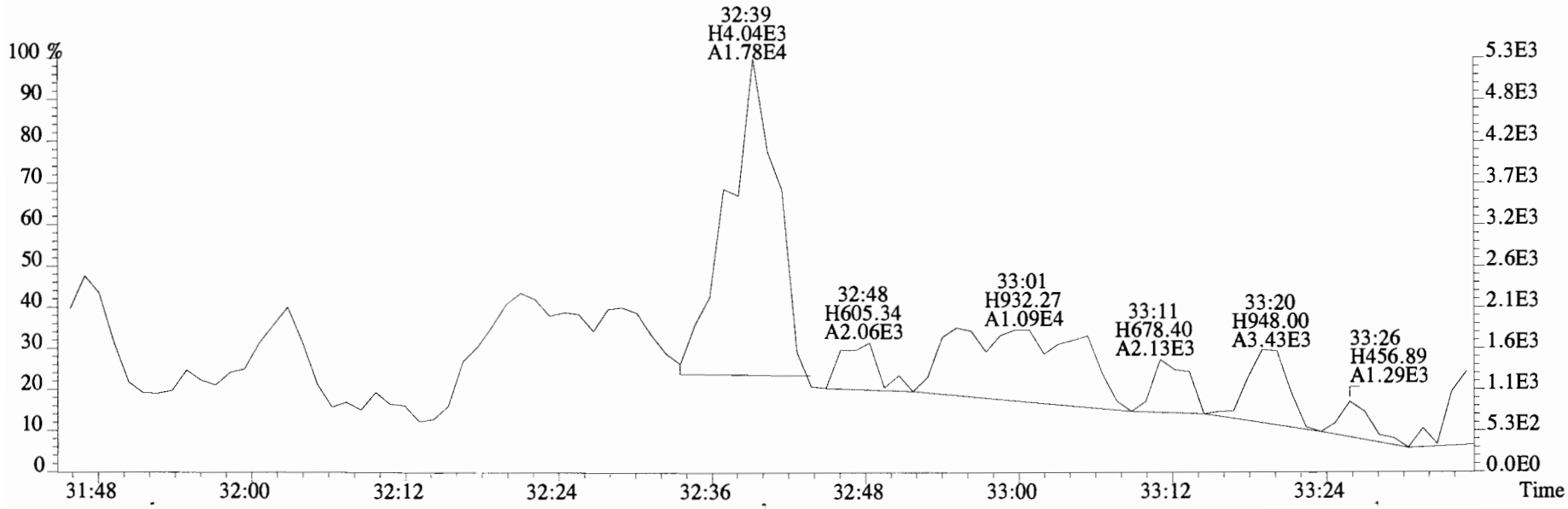
339.9177 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4760.0,0.00%,F,F)



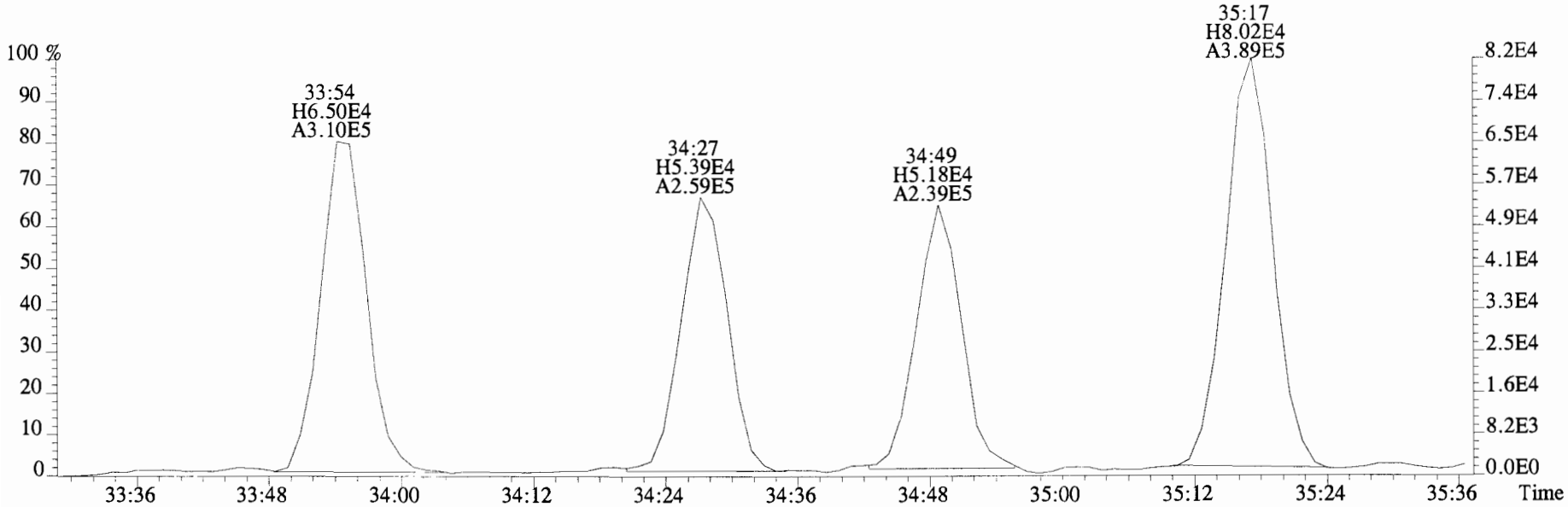
File:180315E1 #1-756 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
325.8804 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2308.0,0.00%,F,F)



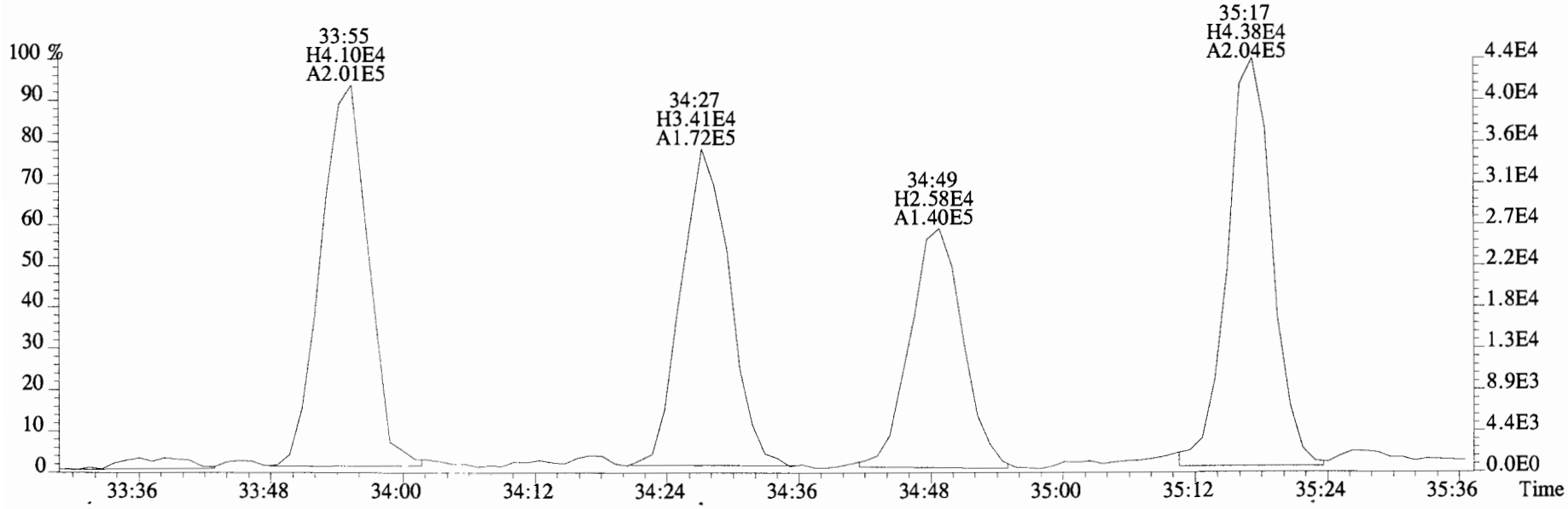
327.8775 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2072.0,0.00%,F,F)



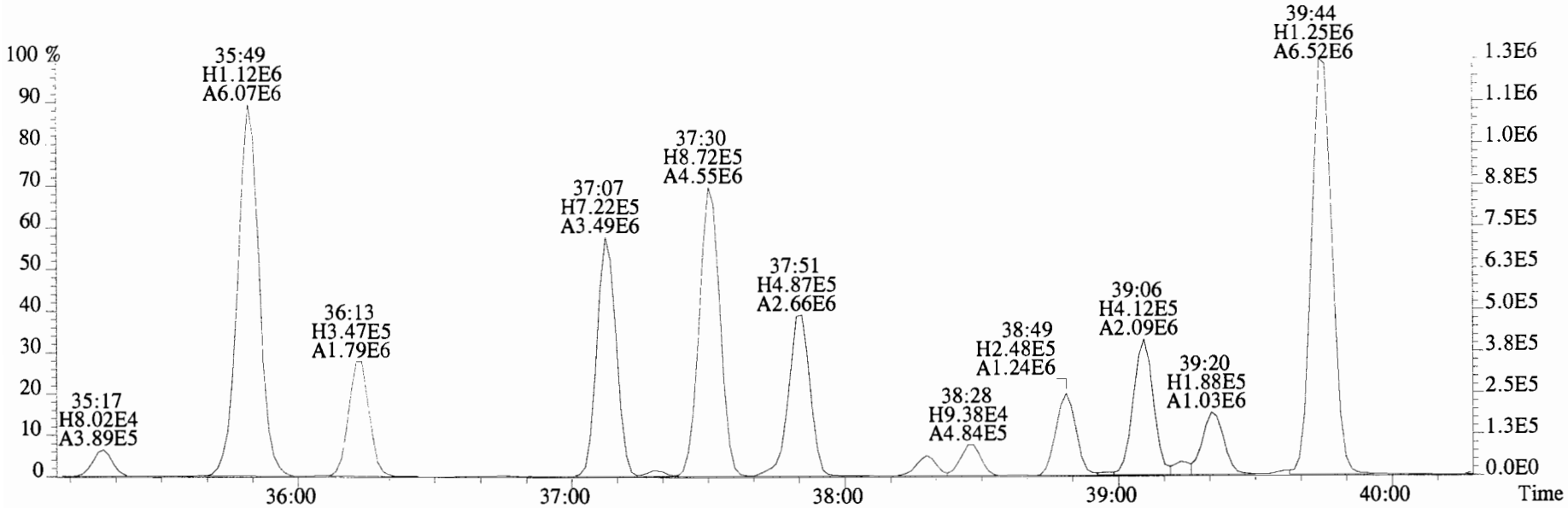
File:180315E1 #1-756 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
325.8804 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2308.0,0.00%,F,F)



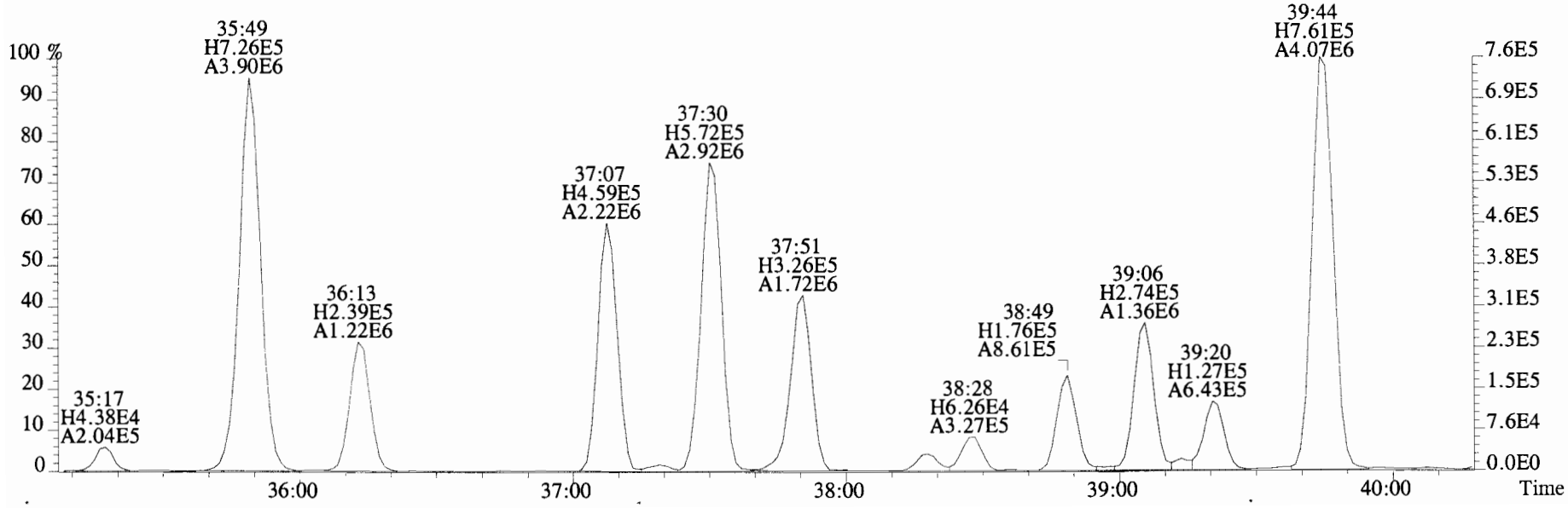
327.8775 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2072.0,0.00%,F,F)



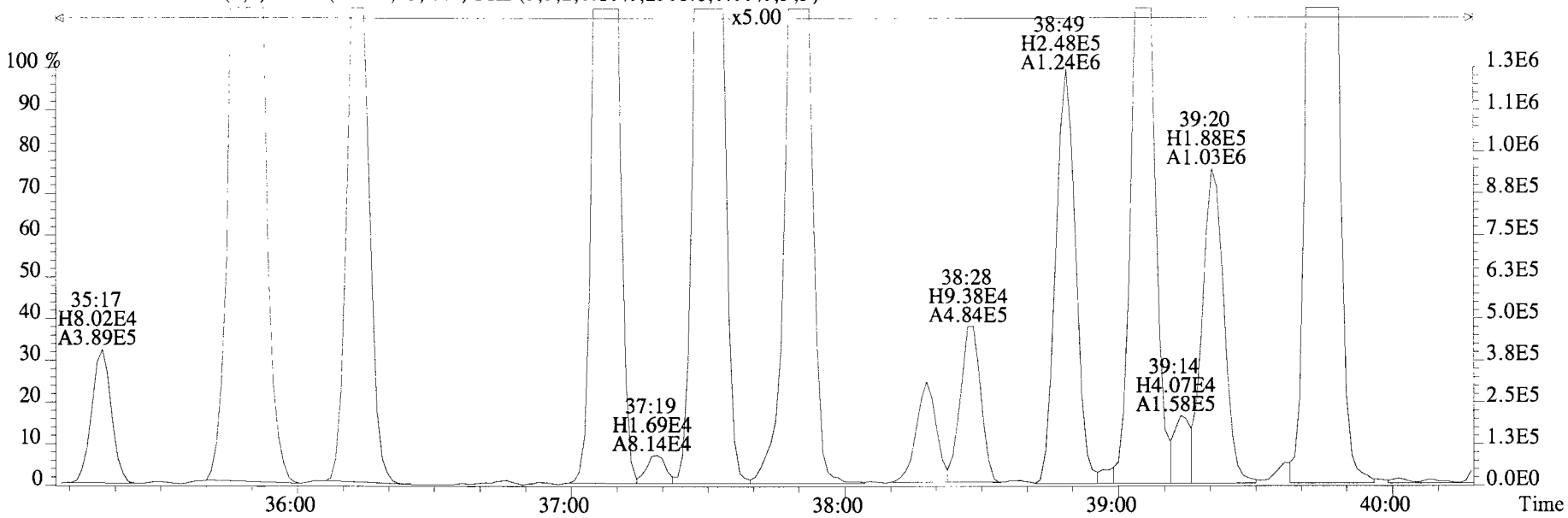
File:180315E1 #1-756 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
325.8804 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2308.0,0.00%,F,F)



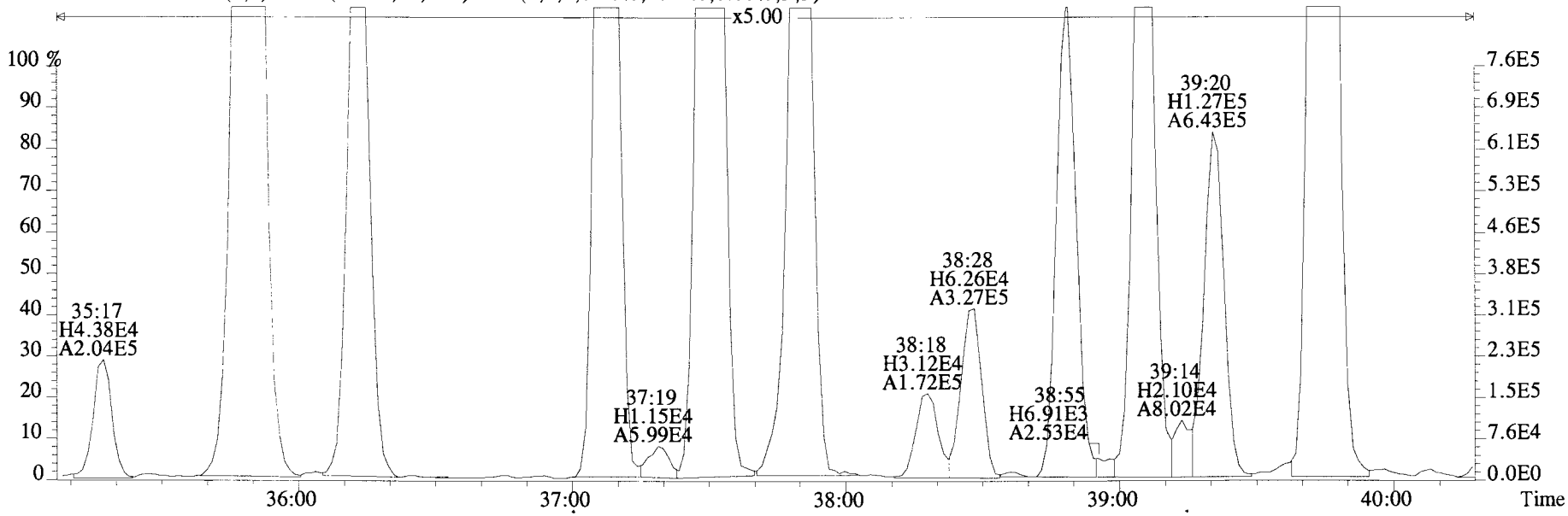
327.8775 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2072.0,0.00%,F,F)



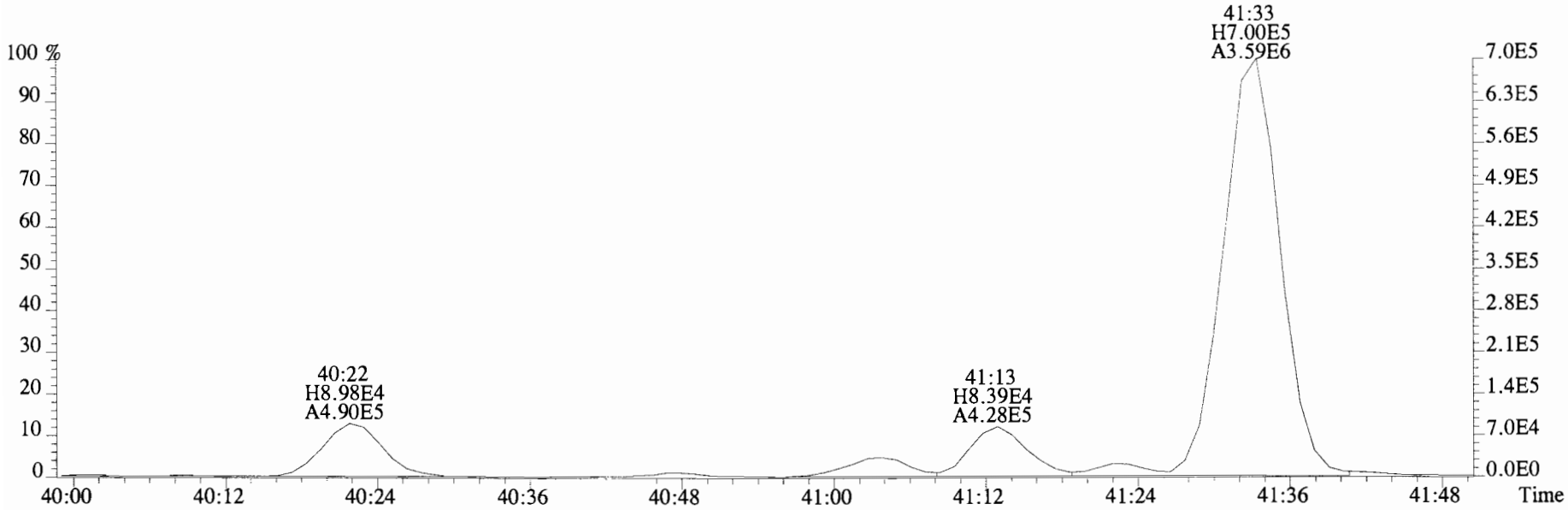
File:180315E1 #1-756 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
325.8804 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2308.0,0.00%,F,F)



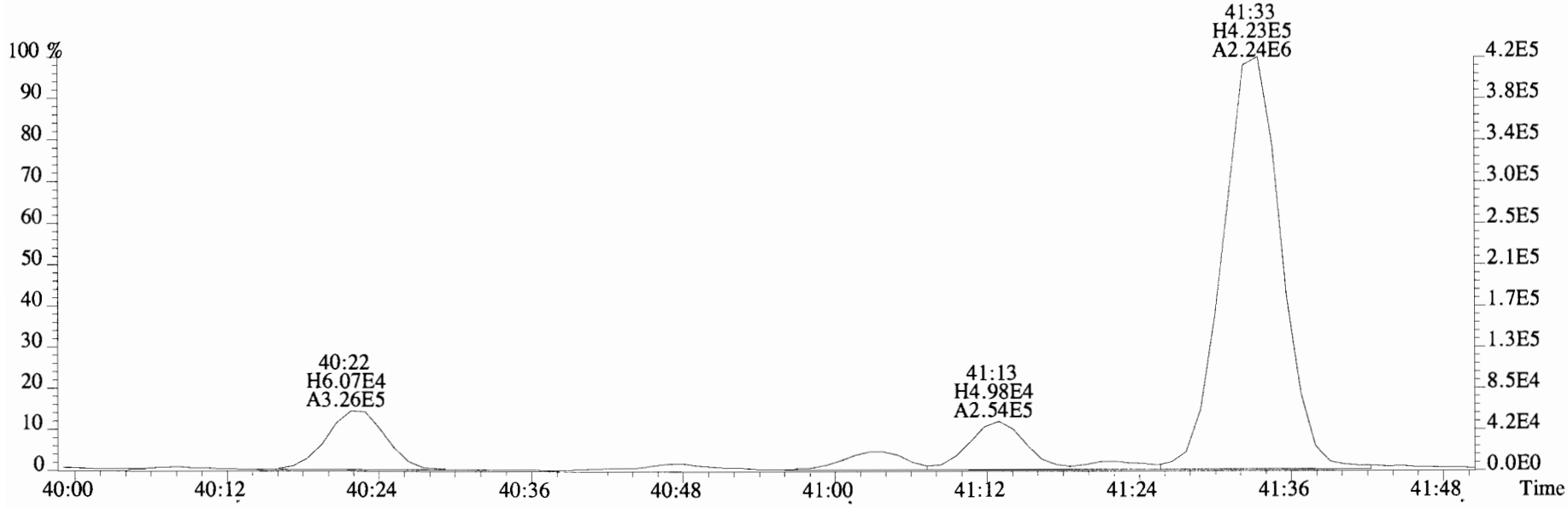
327.8775 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2072.0,0.00%,F,F)



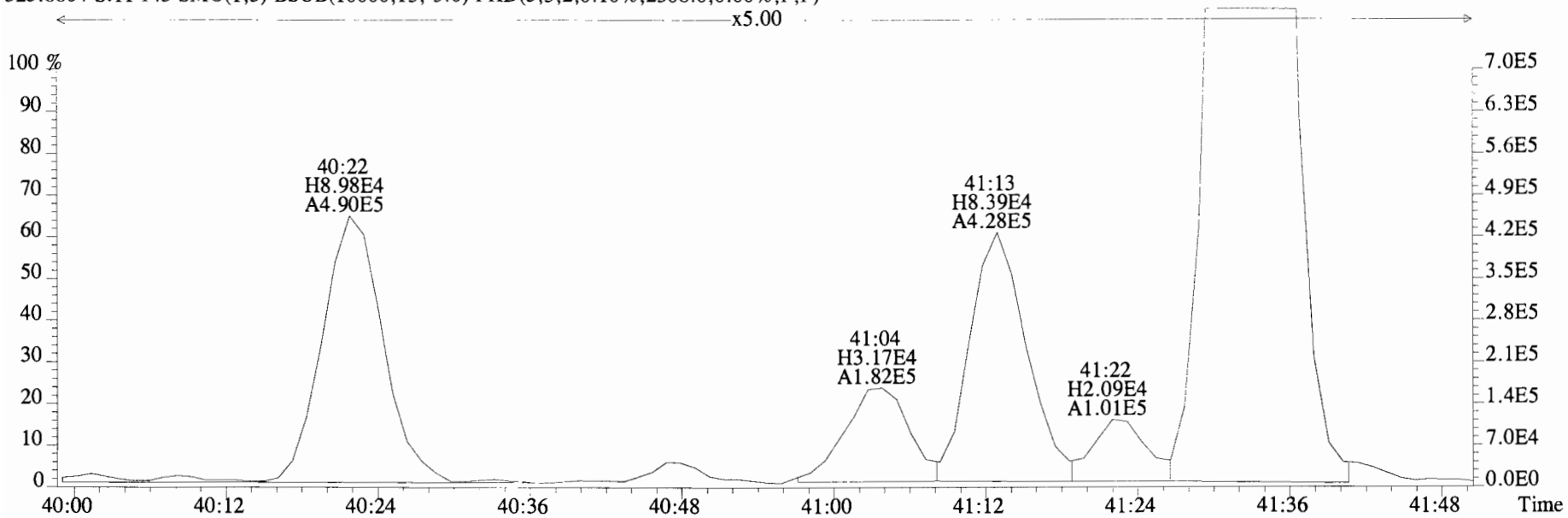
File:180315E1 #1-756 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
325.8804 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2308.0,0.00%,F,F)



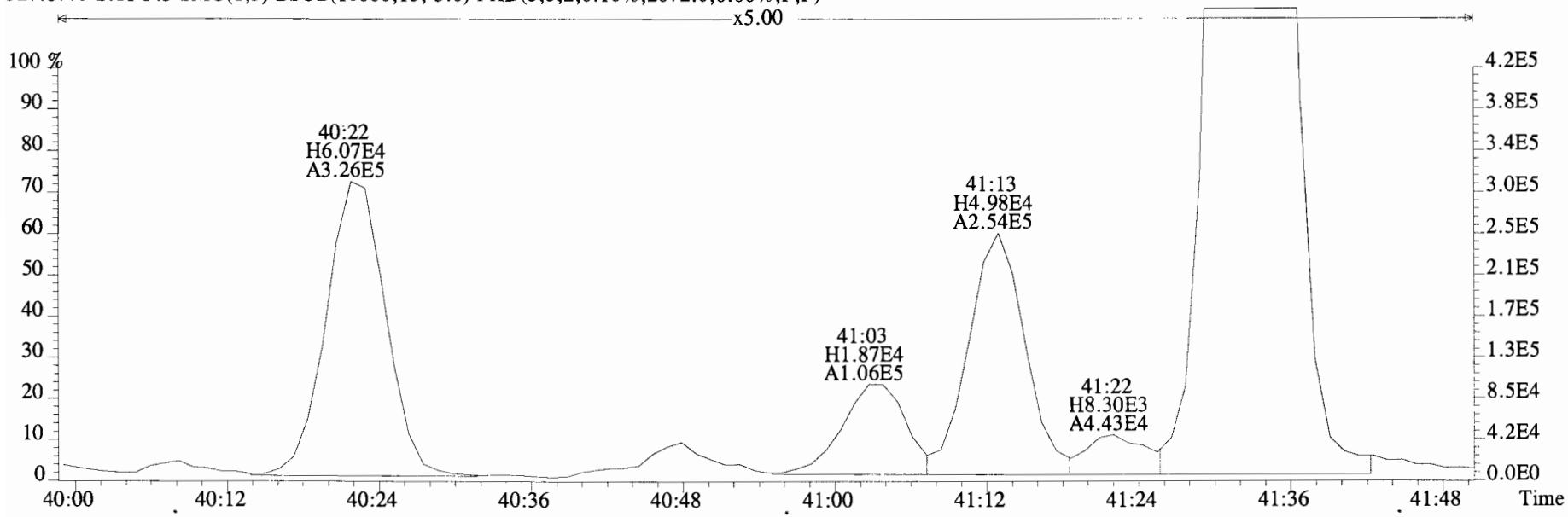
327.8775 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2072.0,0.00%,F,F)



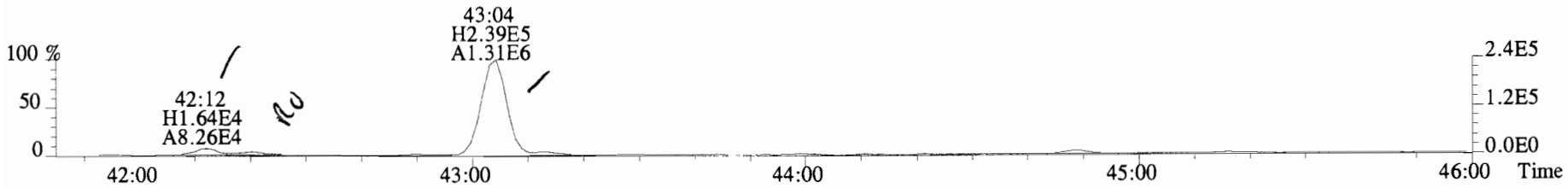
File:180315E1 #1-756 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
325.8804 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2308.0,0.00%,F,F)



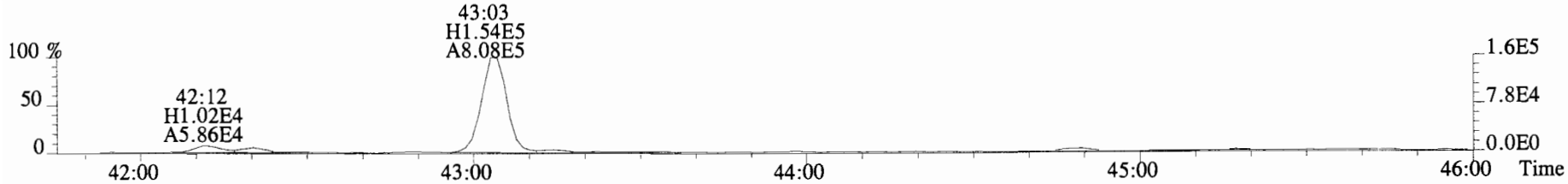
327.8775 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2072.0,0.00%,F,F)



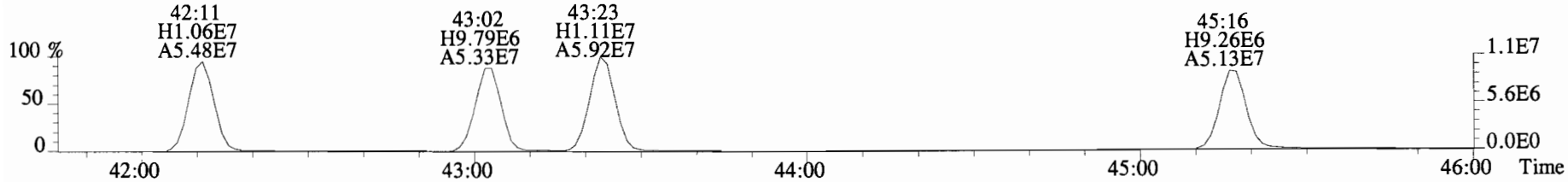
File:180315E1 #1-574 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
325.8804 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1808.0,0.00%,F,F)



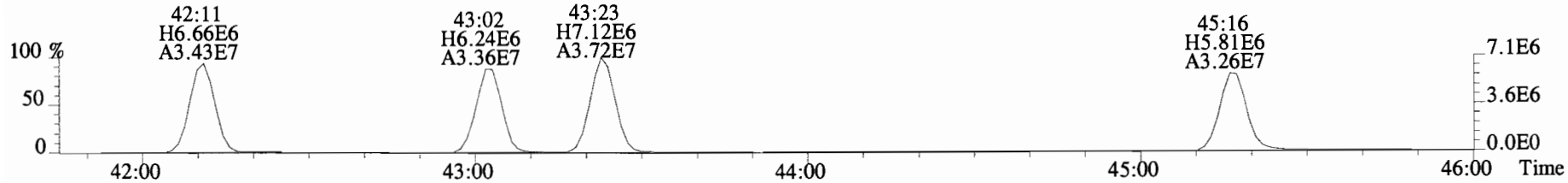
327.8775 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1712.0,0.00%,F,F)



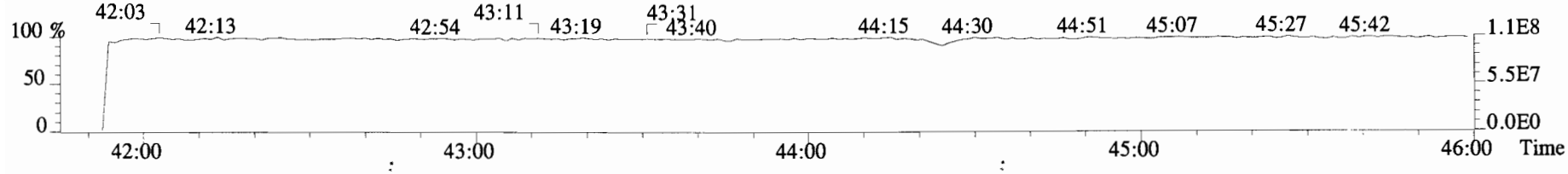
337.9207 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9200.0,0.00%,F,F)



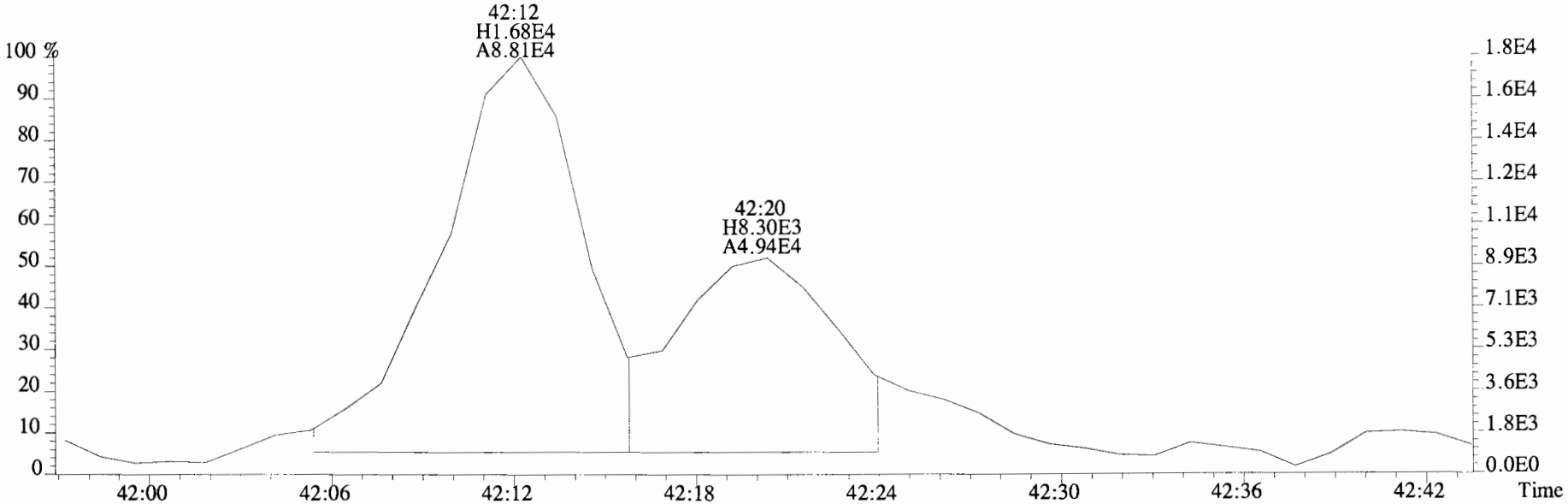
339.9177 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8472.0,0.00%,F,F)



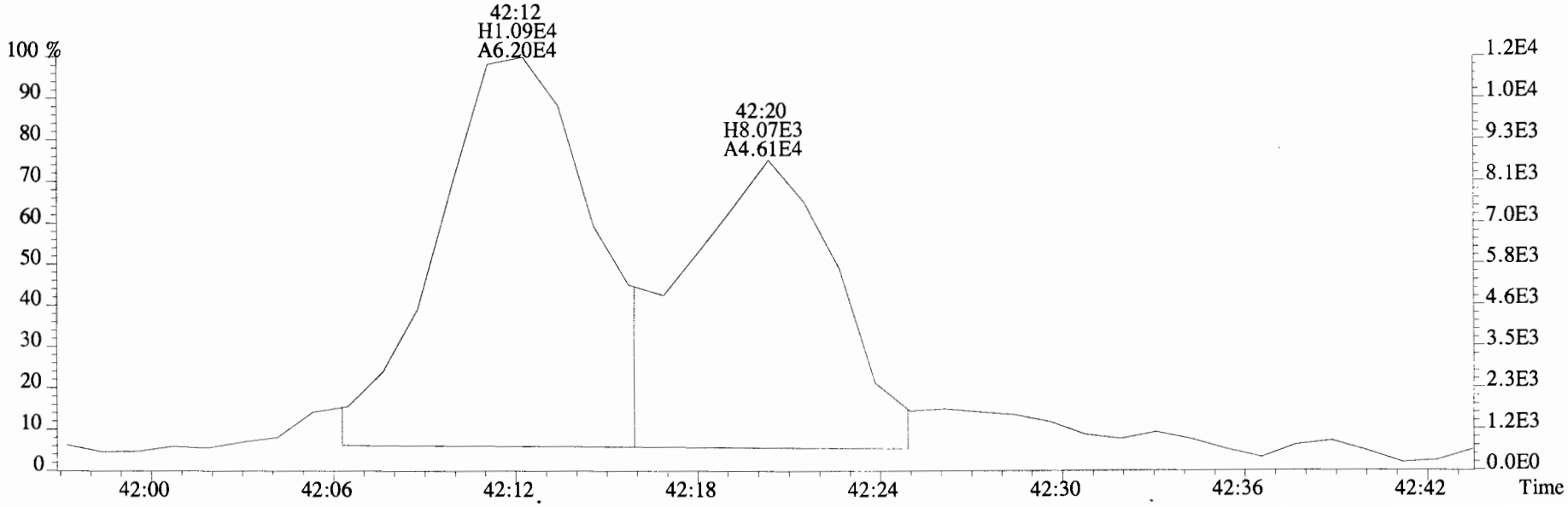
380.9760 S:11 F:4



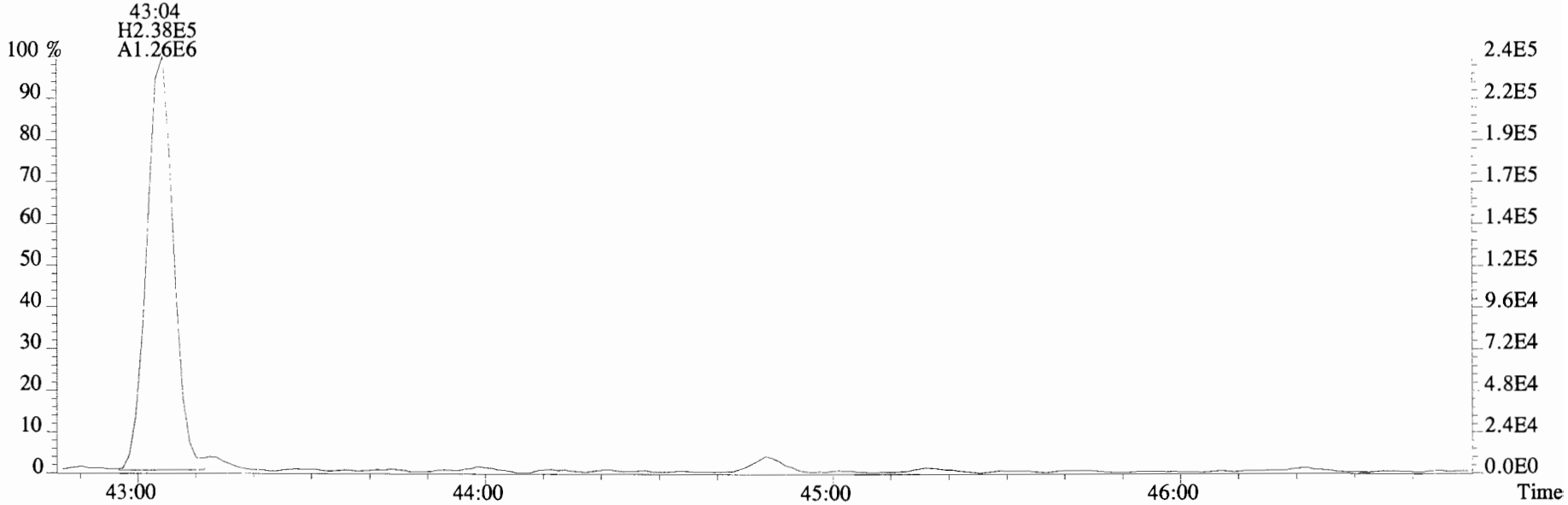
File:180315E1 #1-574 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
325.8804 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1808.0,0.00%,F,F)



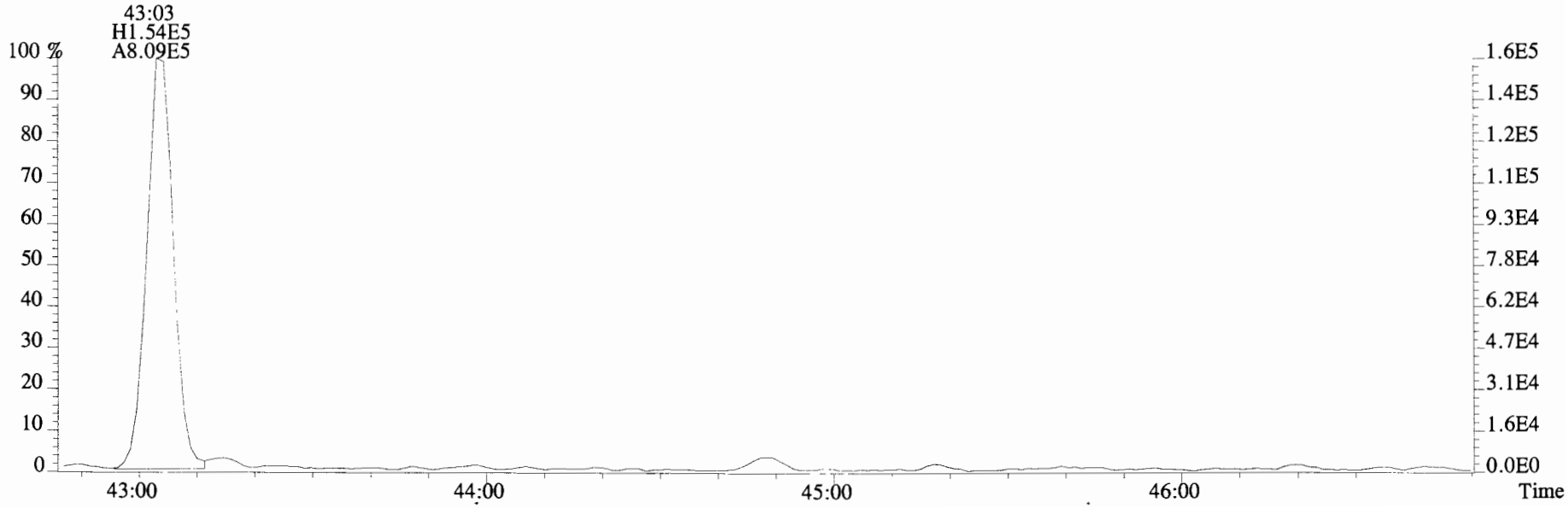
327.8775 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1712.0,0.00%,F,F)



File:180315E1 #1-574 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
325.8804 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1808.0,0.00%,F,F)

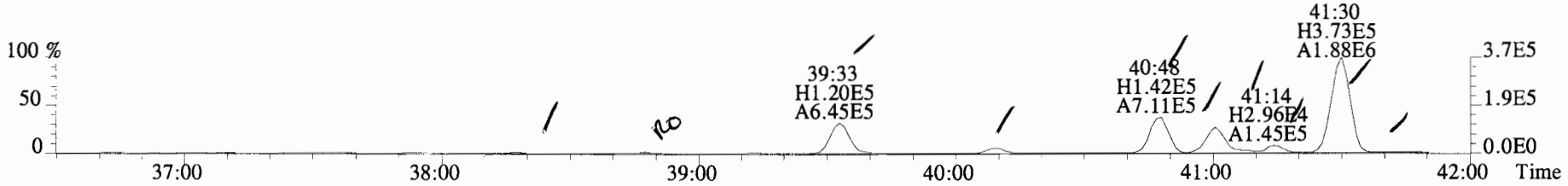


327.8775 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1712.0,0.00%,F,F)

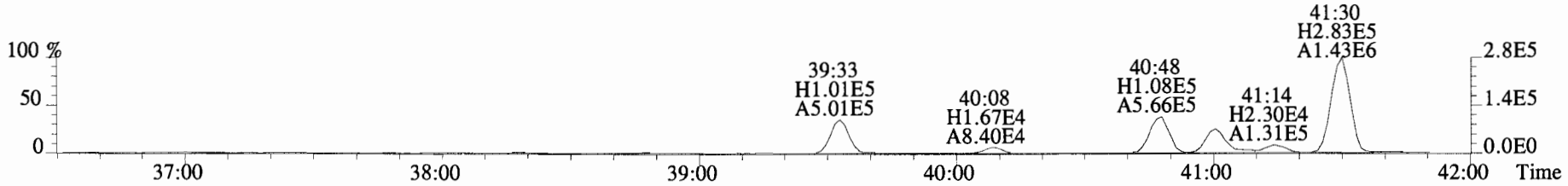


File:180315E1 #1-756 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1

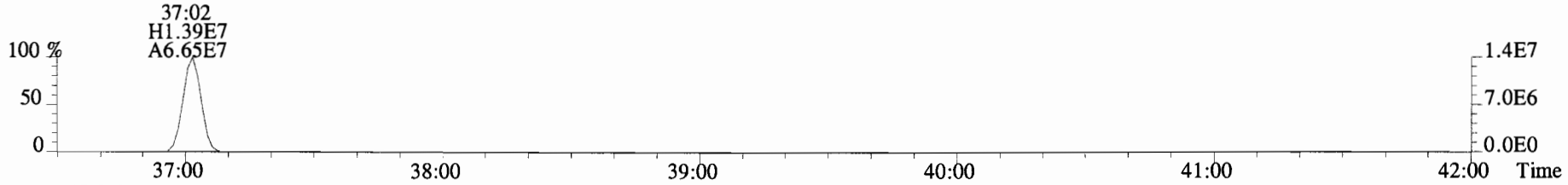
359.8415 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1960.0,0.00%,F,F)



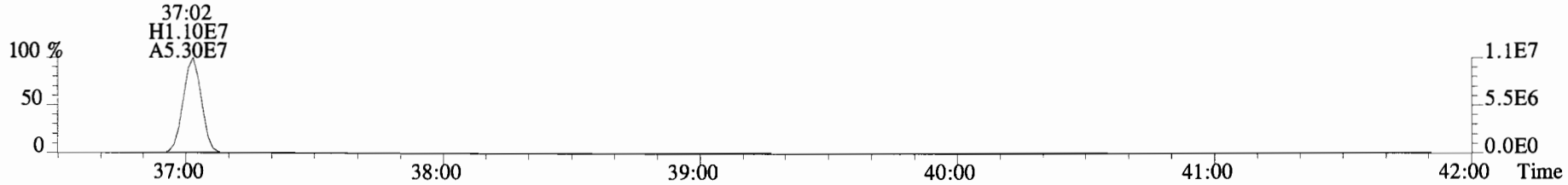
361.8385 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1944.0,0.00%,F,F)



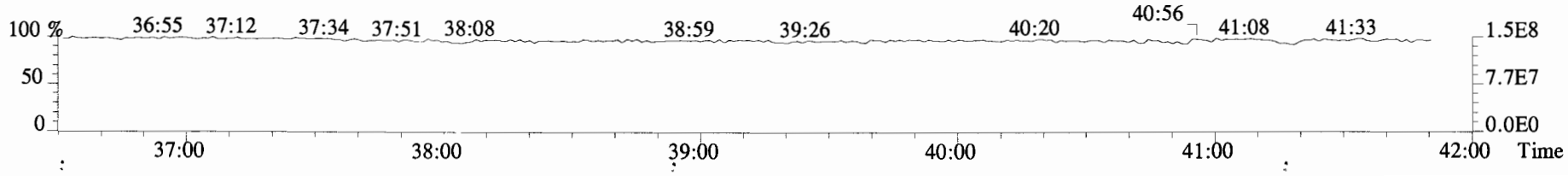
371.8817 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2688.0,0.00%,F,F)



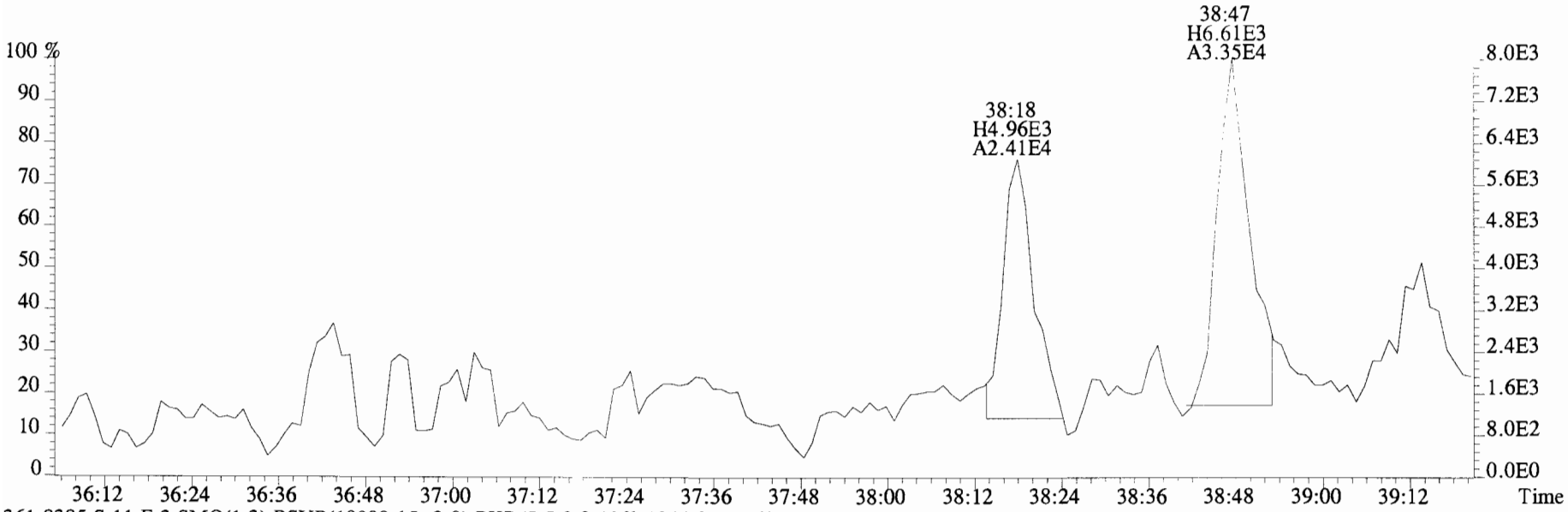
373.8788 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3432.0,0.00%,F,F)



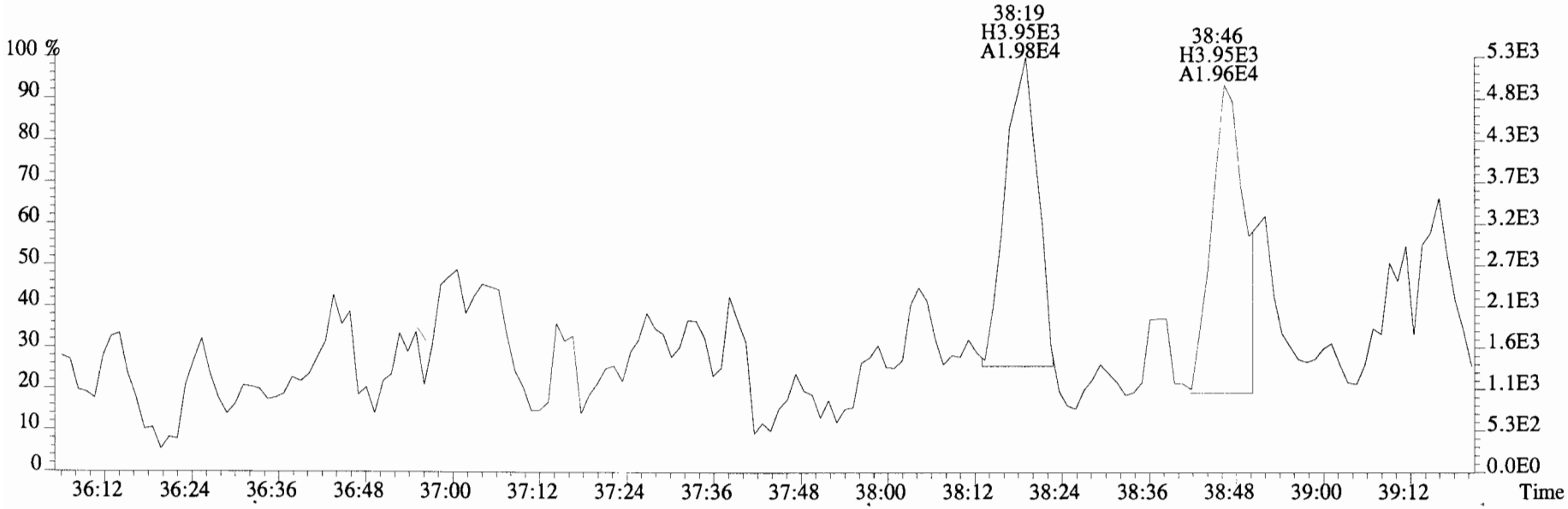
330.9792 S:11 F:3



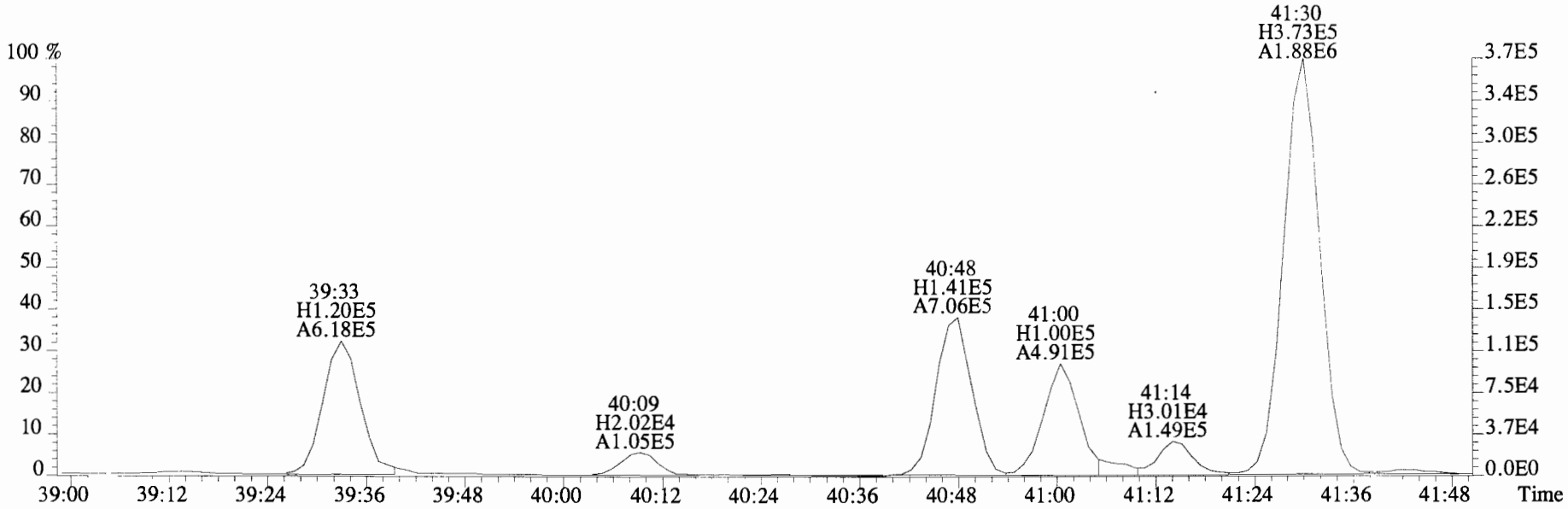
File:180315E1 #1-756 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
359.8415 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1960.0,0.00%,F,F)



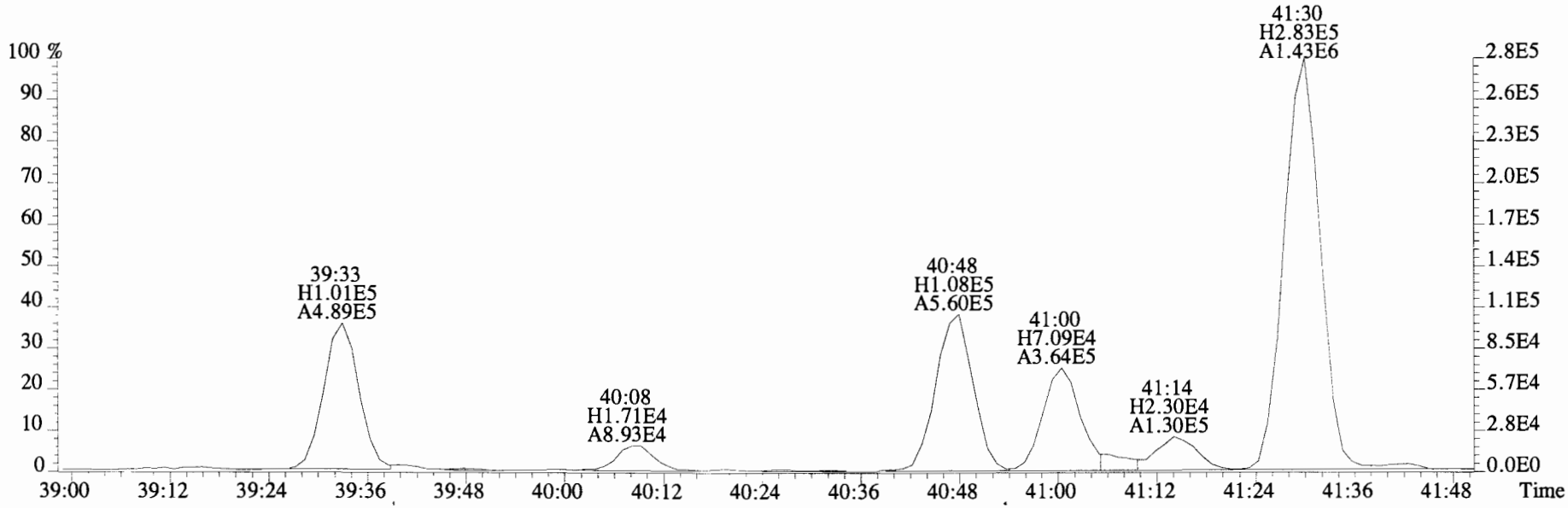
361.8385 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1944.0,0.00%,F,F)



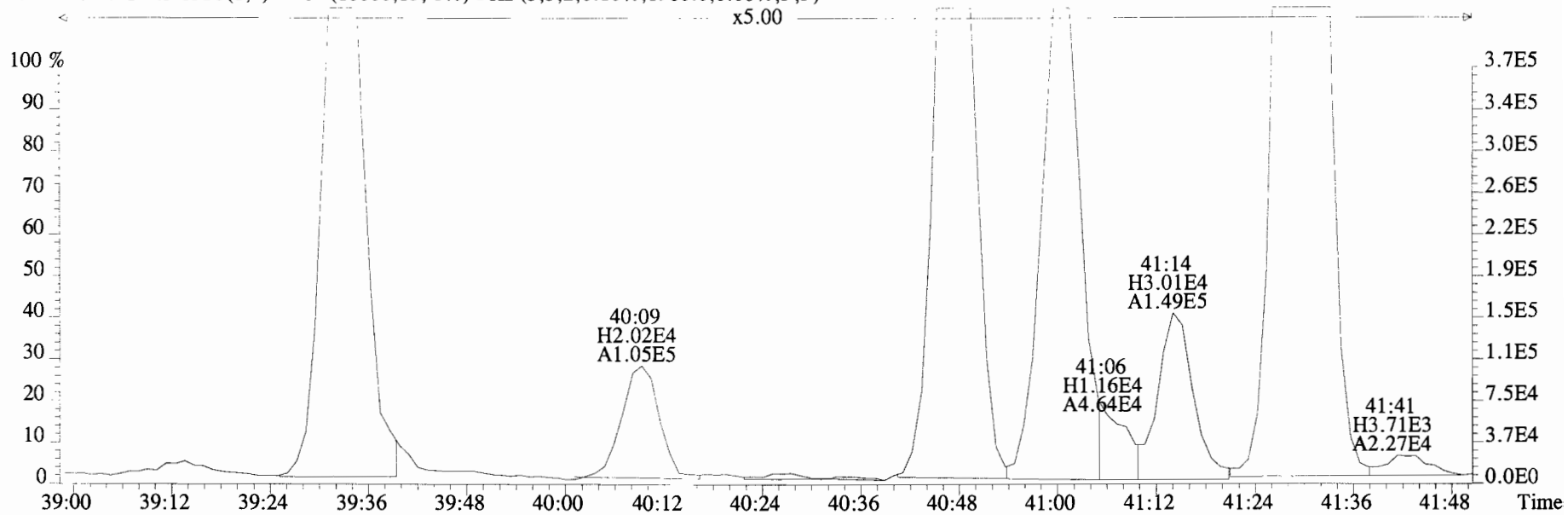
File:180315E1 #1-756 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
359.8415 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1960.0,0.00%,F,F)



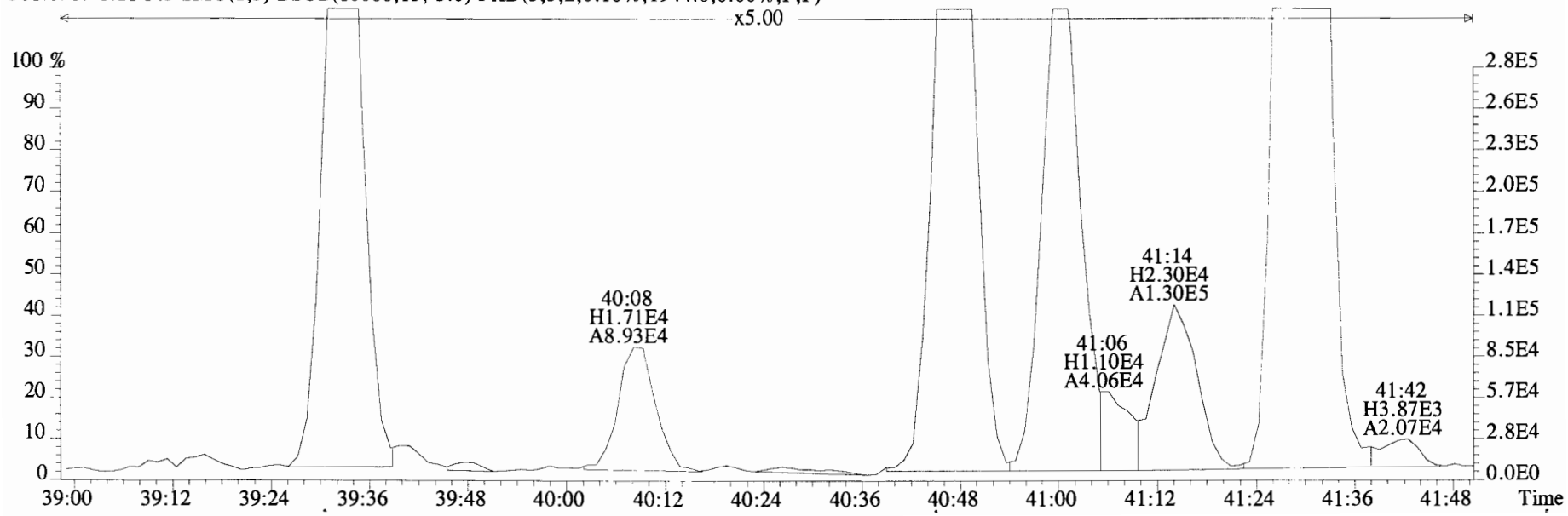
361.8385 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1944.0,0.00%,F,F)



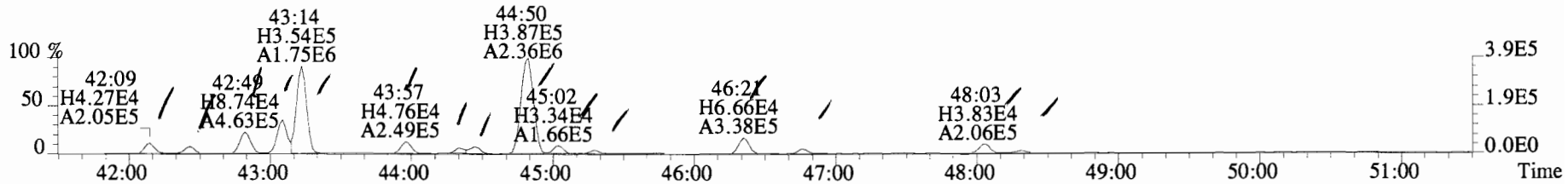
File:180315E1 #1-756 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
359.8415 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1960.0,0.00%,F,F)



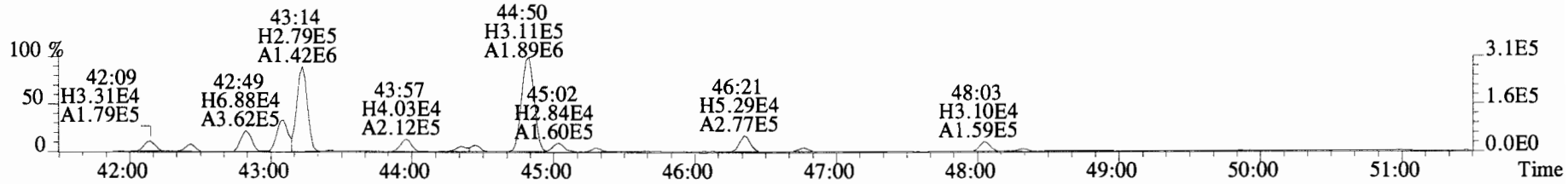
361.8385 S:11 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1944.0,0.00%,F,F)



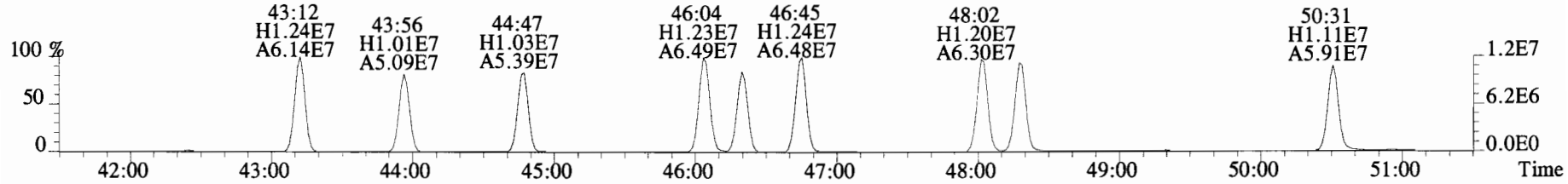
File:180315E1 #1-574 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
359.8415 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1900.0,0.00%,F,F)



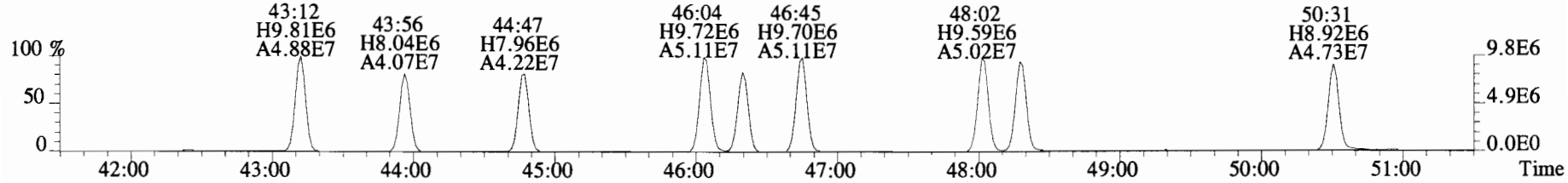
361.8385 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1964.0,0.00%,F,F)



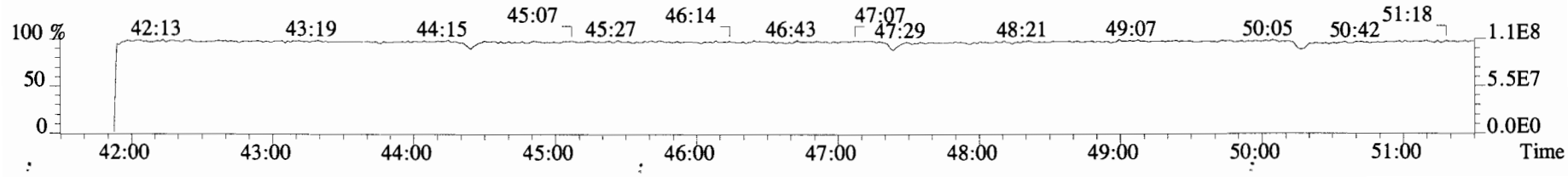
371.8817 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15764.0,0.00%,F,F)



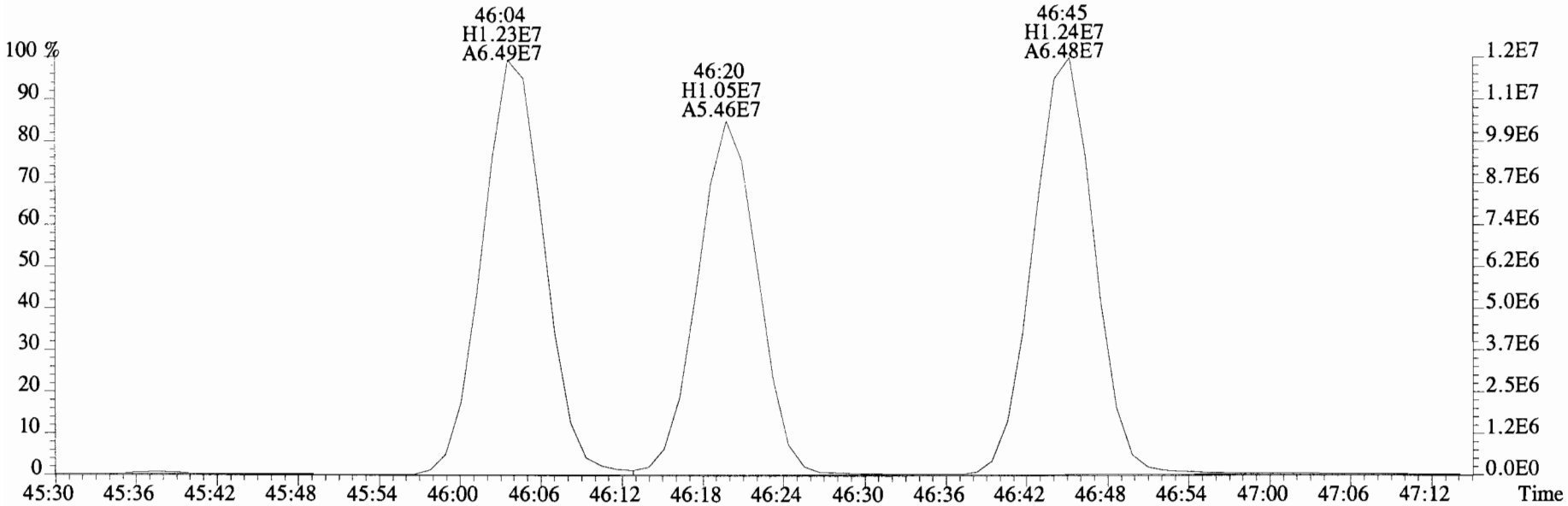
373.8788 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14544.0,0.00%,F,F)



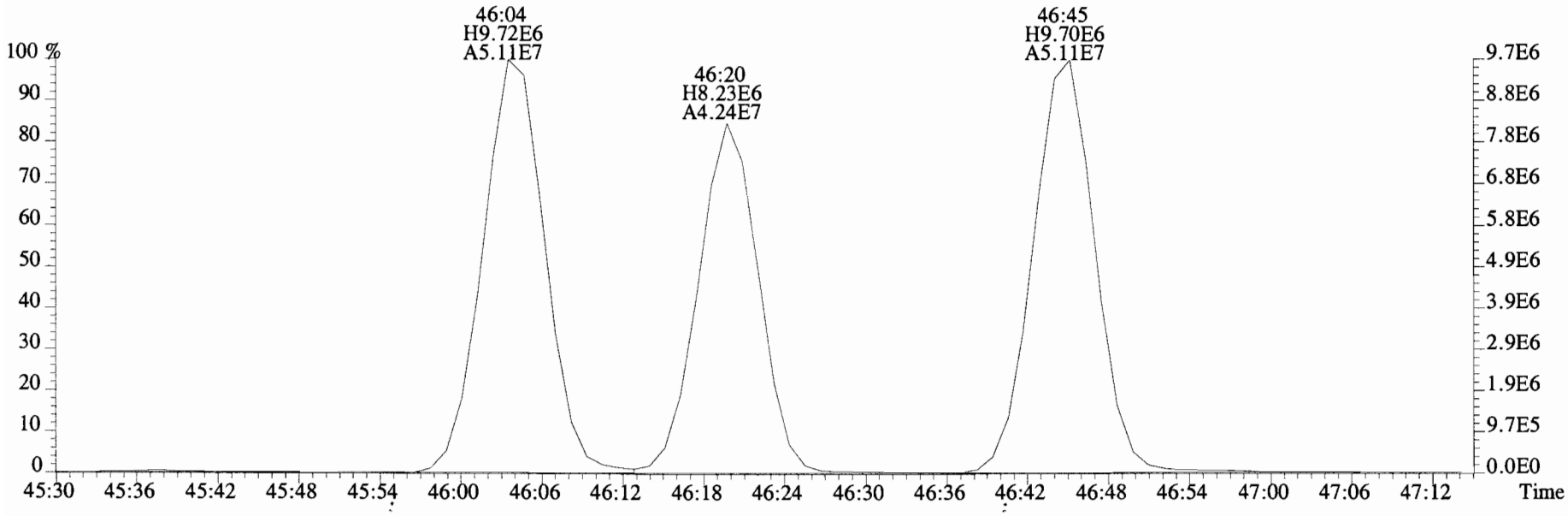
380.9760 S:11 F:4



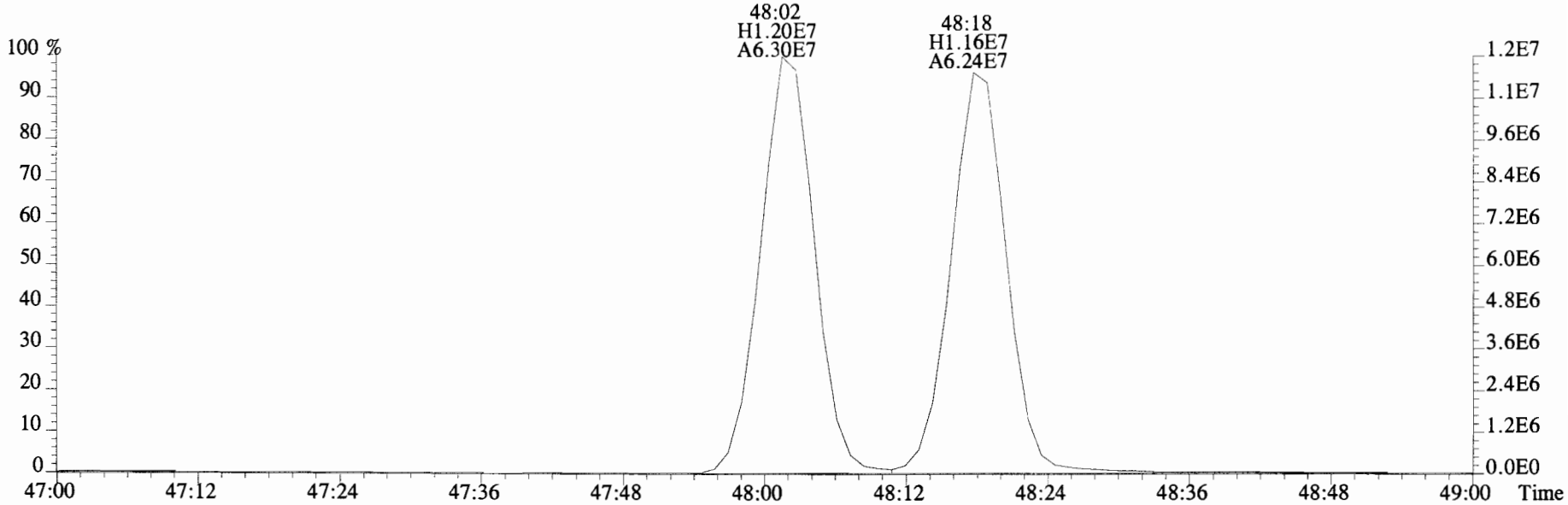
File:180315E1 #1-574 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
371.8817 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15764.0,0.00%,F,F)



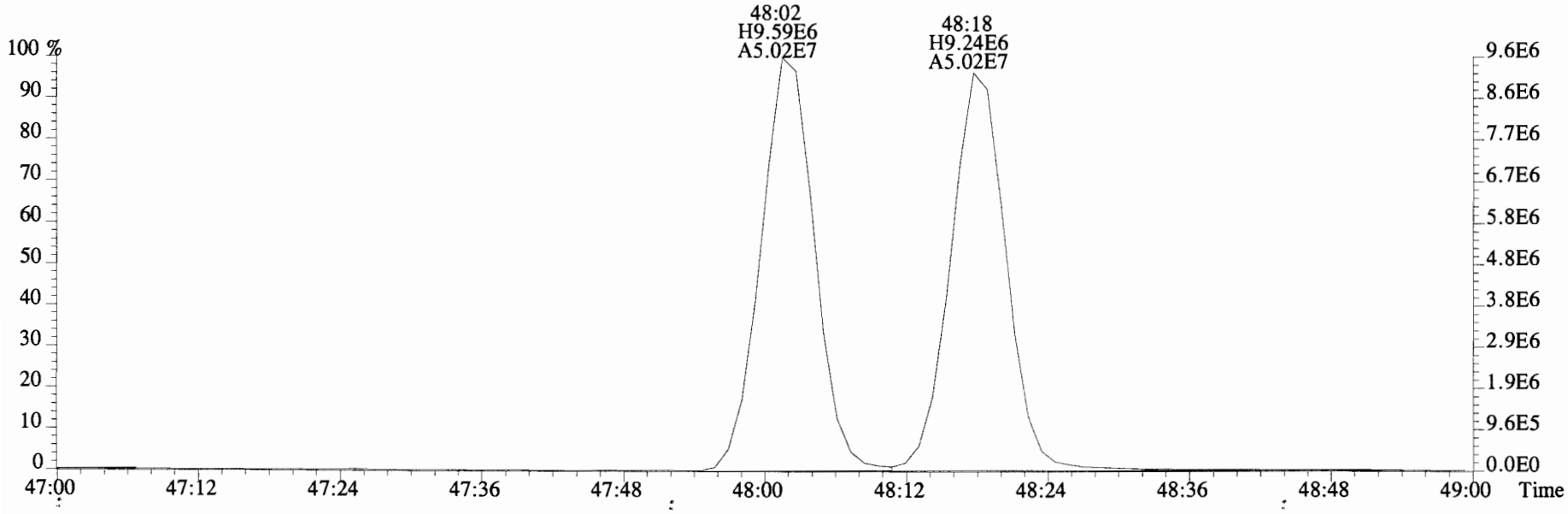
373.8788 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14544.0,0.00%,F,F)



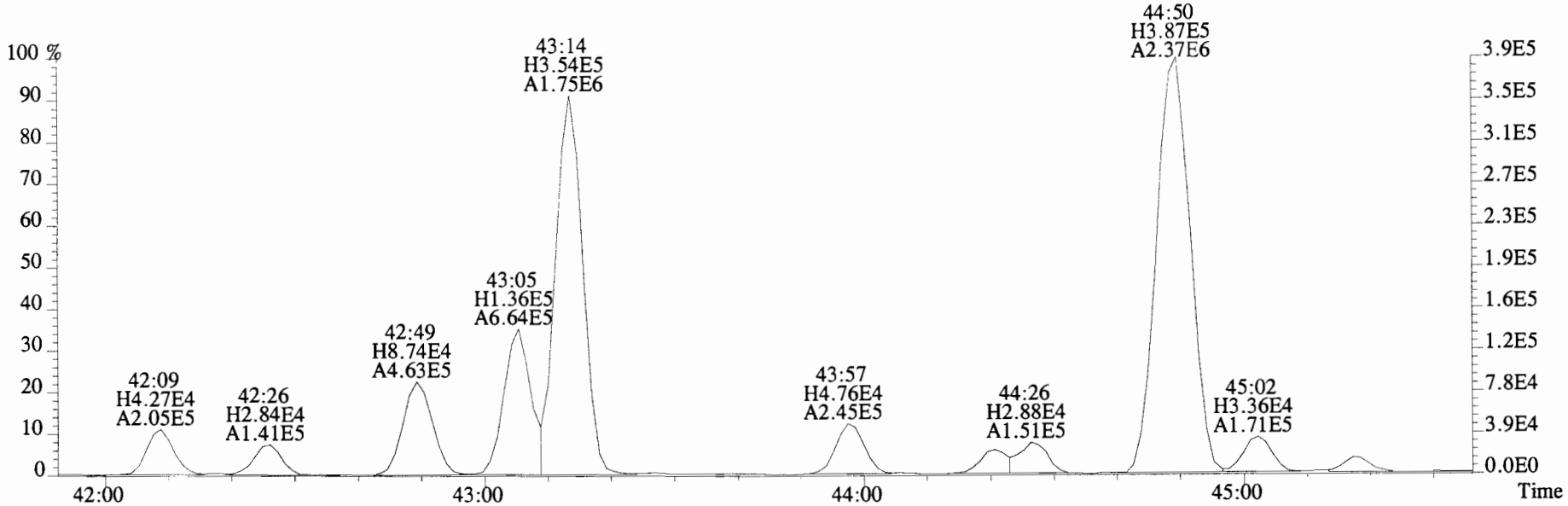
File:180315E1 #1-574 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
371.8817 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15764.0,0.00%,F,F)



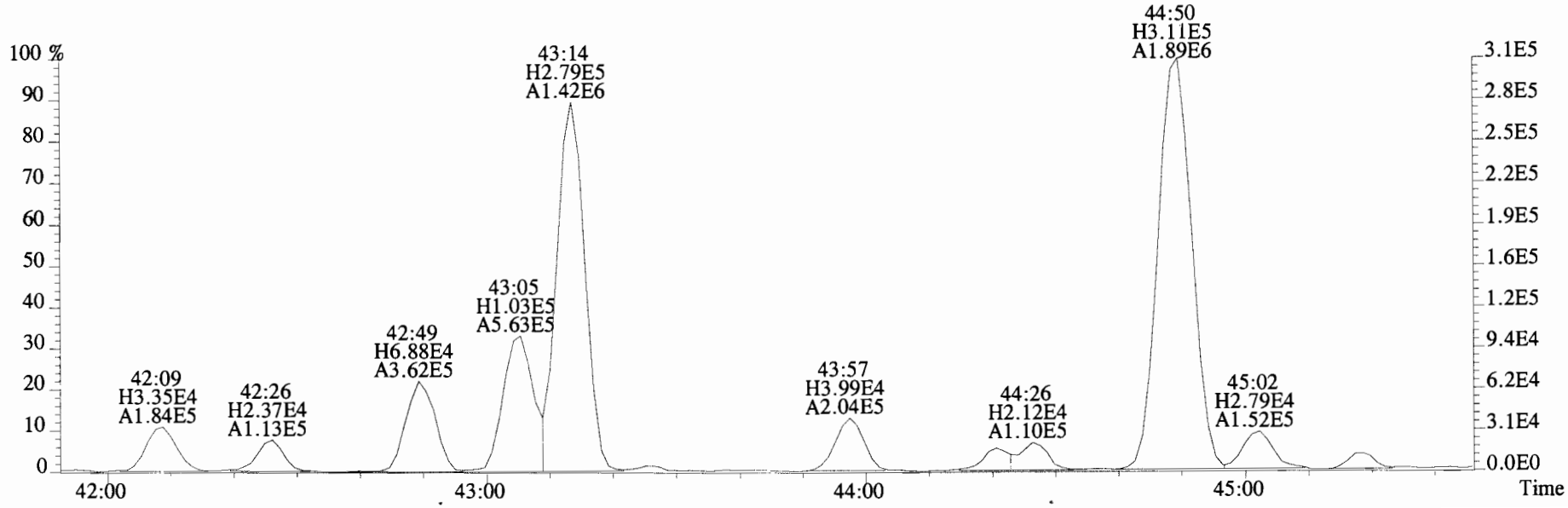
373.8788 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14544.0,0.00%,F,F)



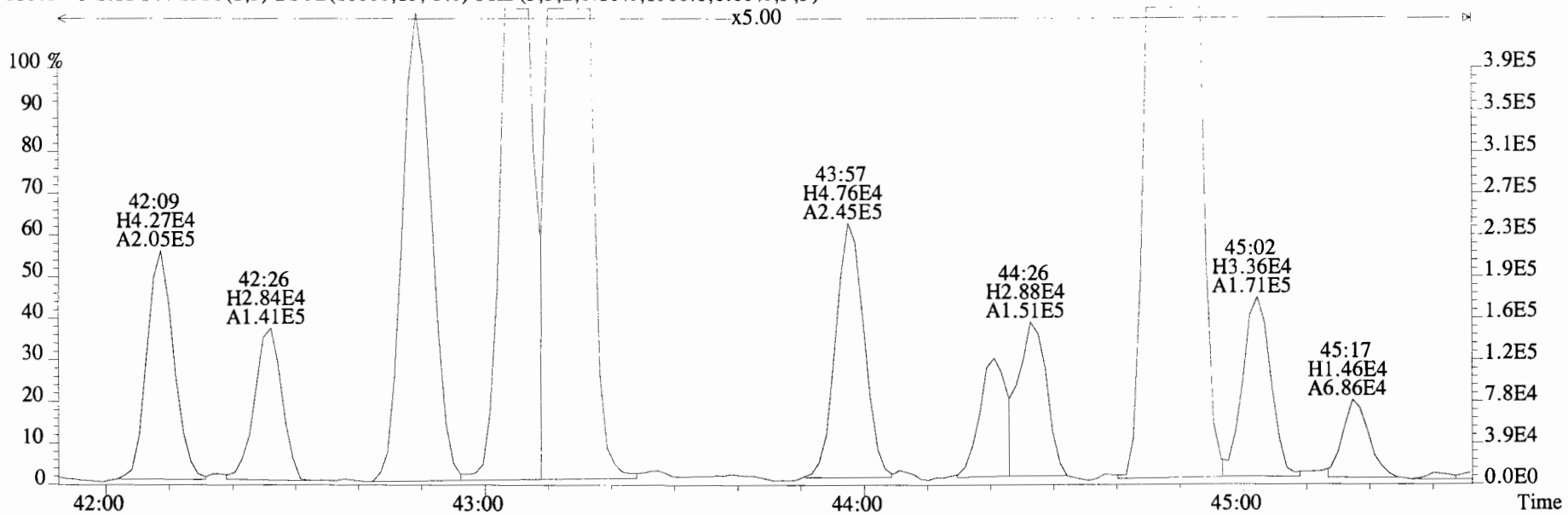
File:180315E1 #1-574 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
359.8415 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1900.0,0.00%,F,F)



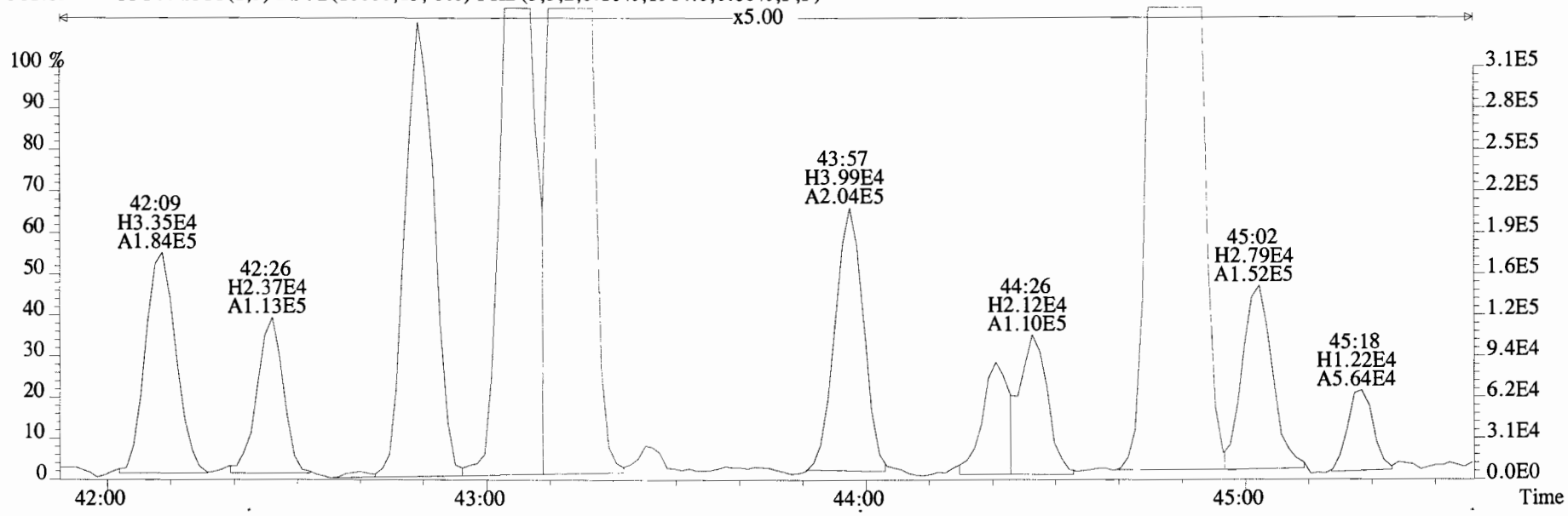
361.8385 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1964.0,0.00%,F,F)



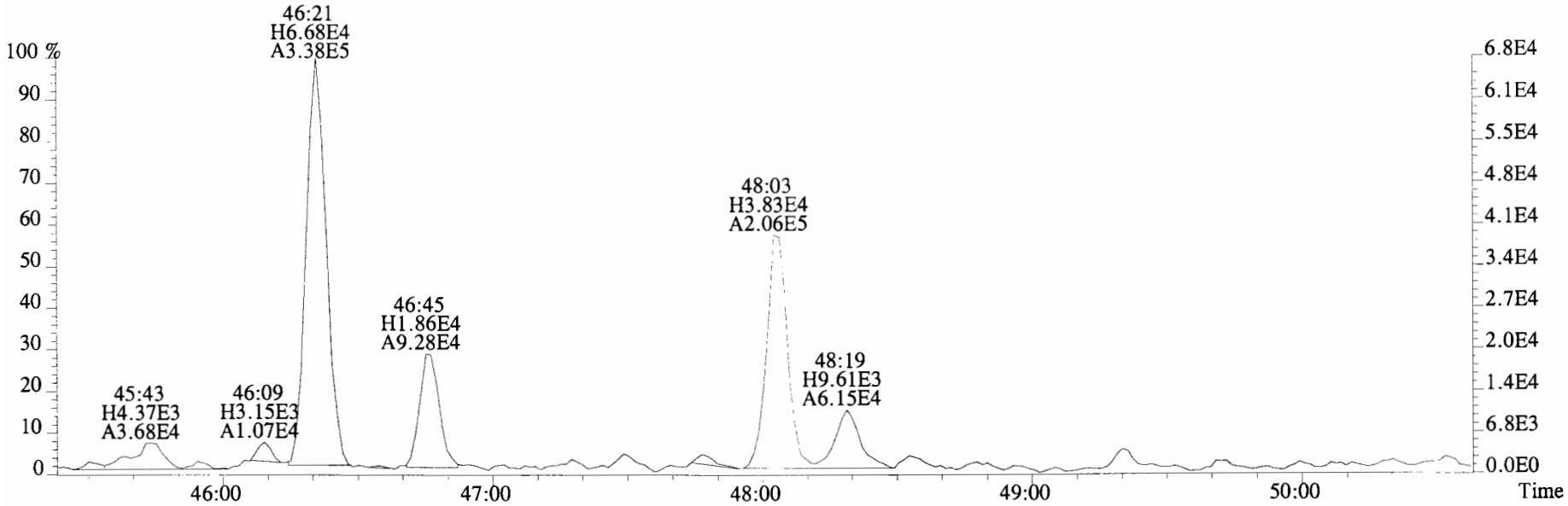
File:180315E1 #1-574 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
359.8415 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1900.0,0.00%,F,F)



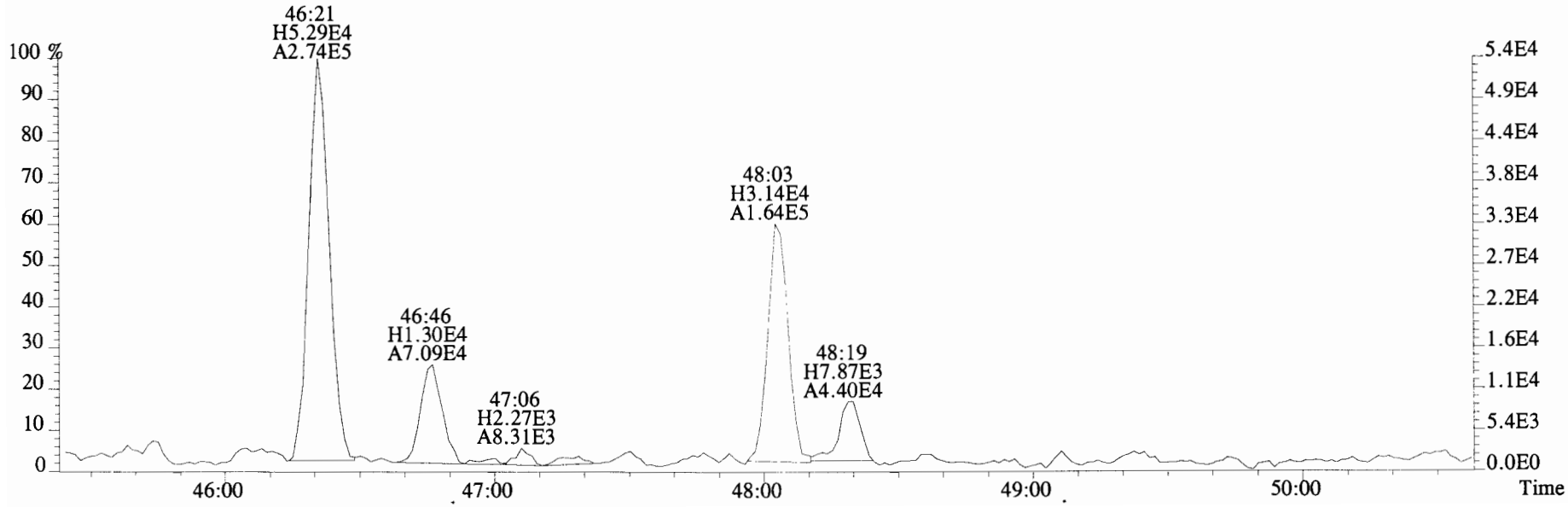
361.8385 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1964.0,0.00%,F,F)



File:180315E1 #1-574 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
359.8415 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1900.0,0.00%,F,F)

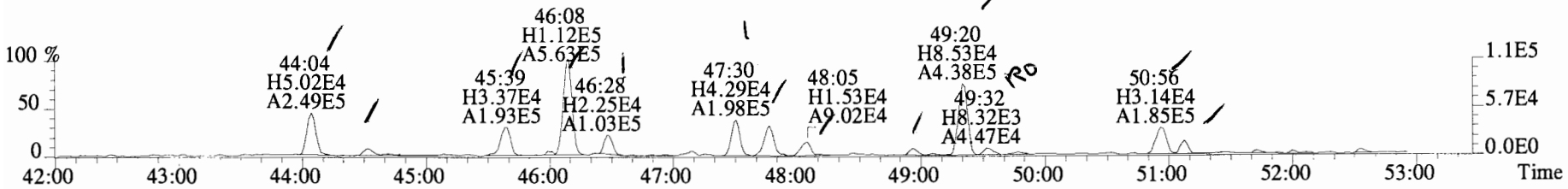


361.8385 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1964.0,0.00%,F,F)

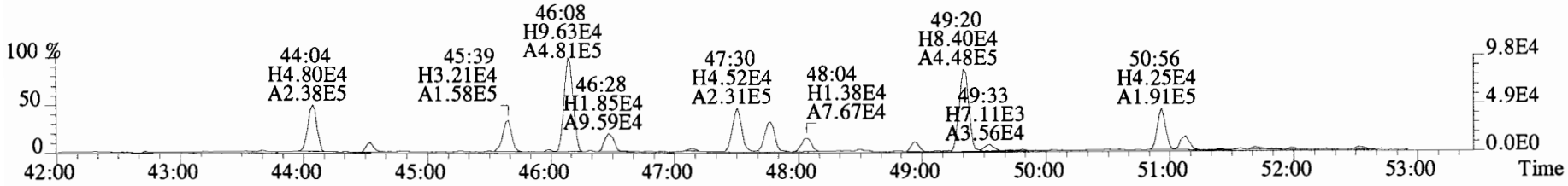


File:180315E1 #1-574 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1

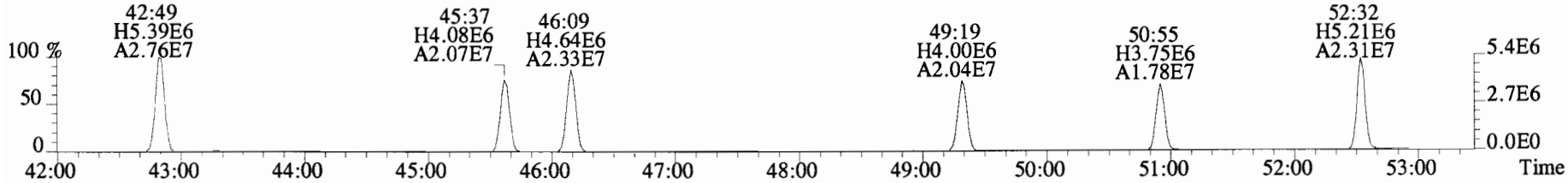
393.8025 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2520.0,0.00%,F,F)



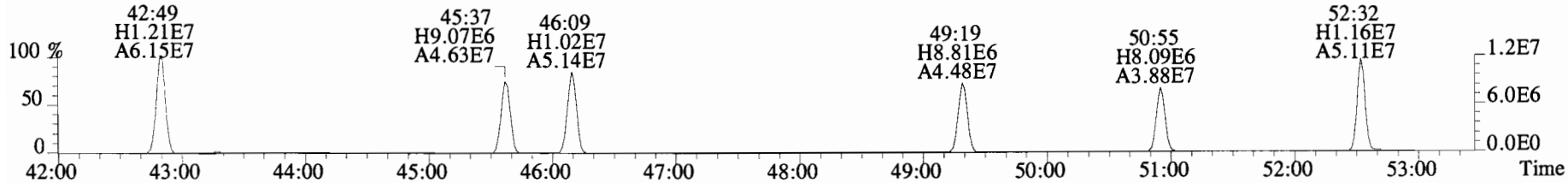
395.7995 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1412.0,0.00%,F,F)



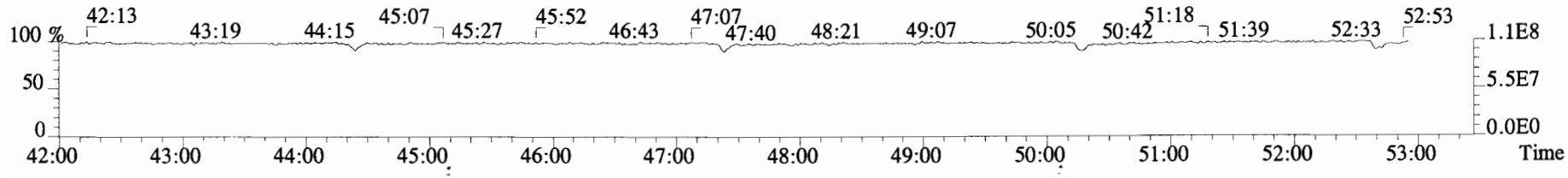
403.8457 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4044.0,0.00%,F,F)



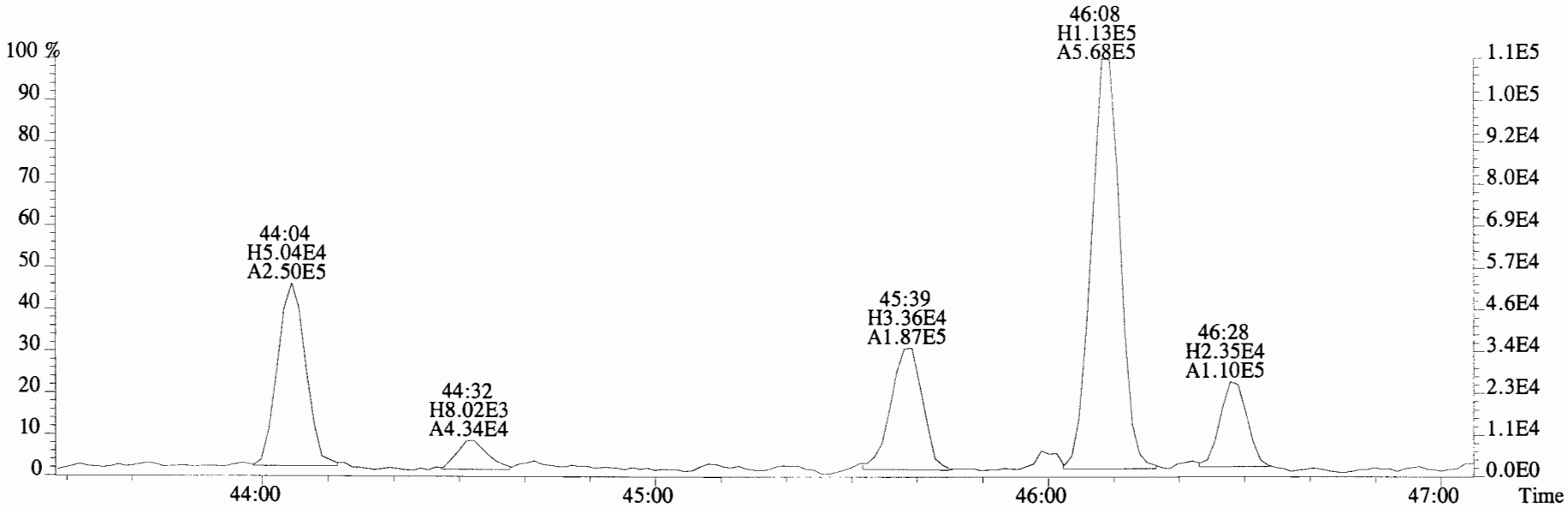
405.8428 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7308.0,0.00%,F,F)



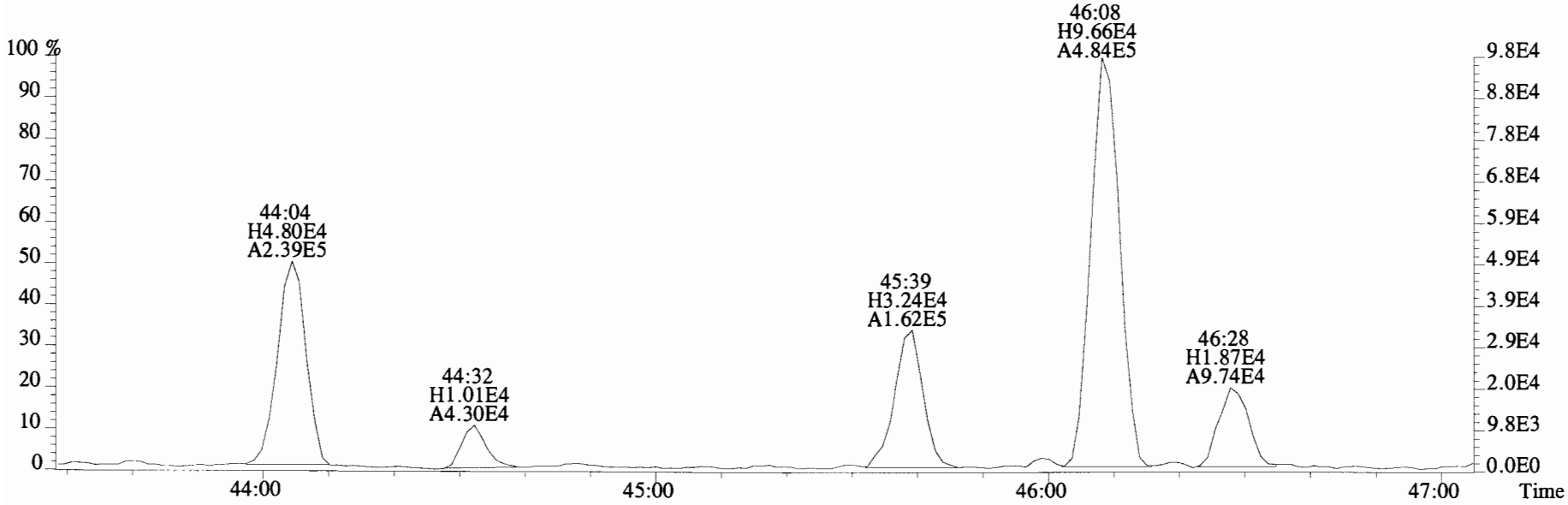
380.9760 S:11 F:4



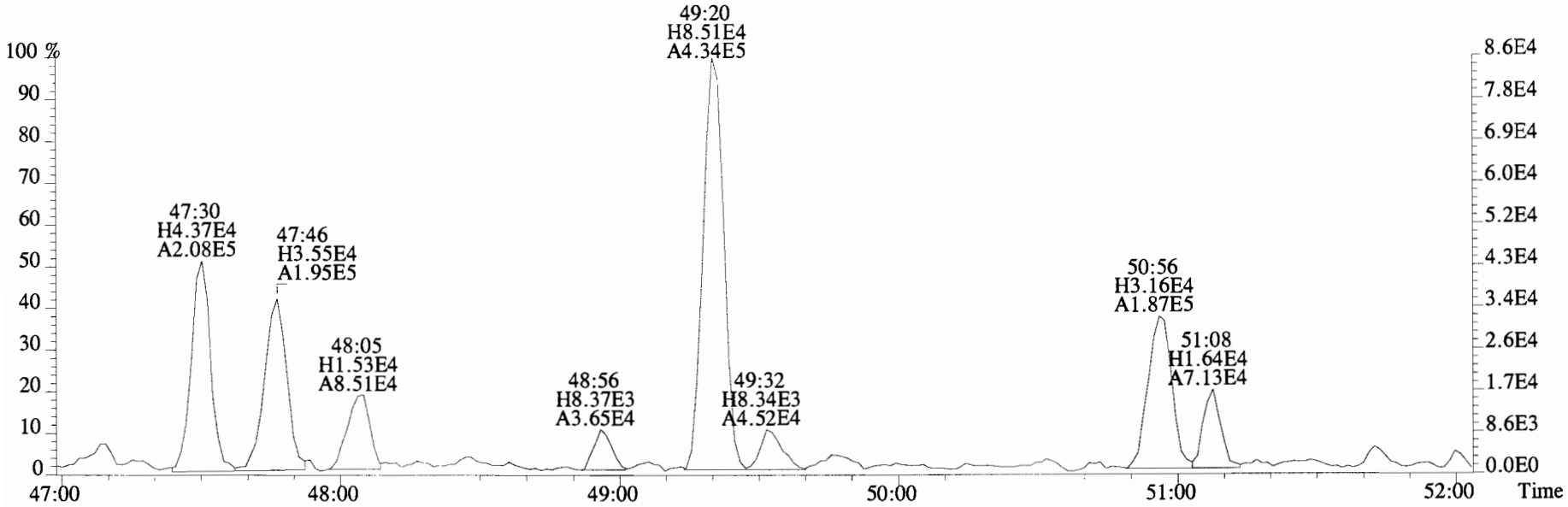
File:180315E1 #1-574 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
393.8025 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0)



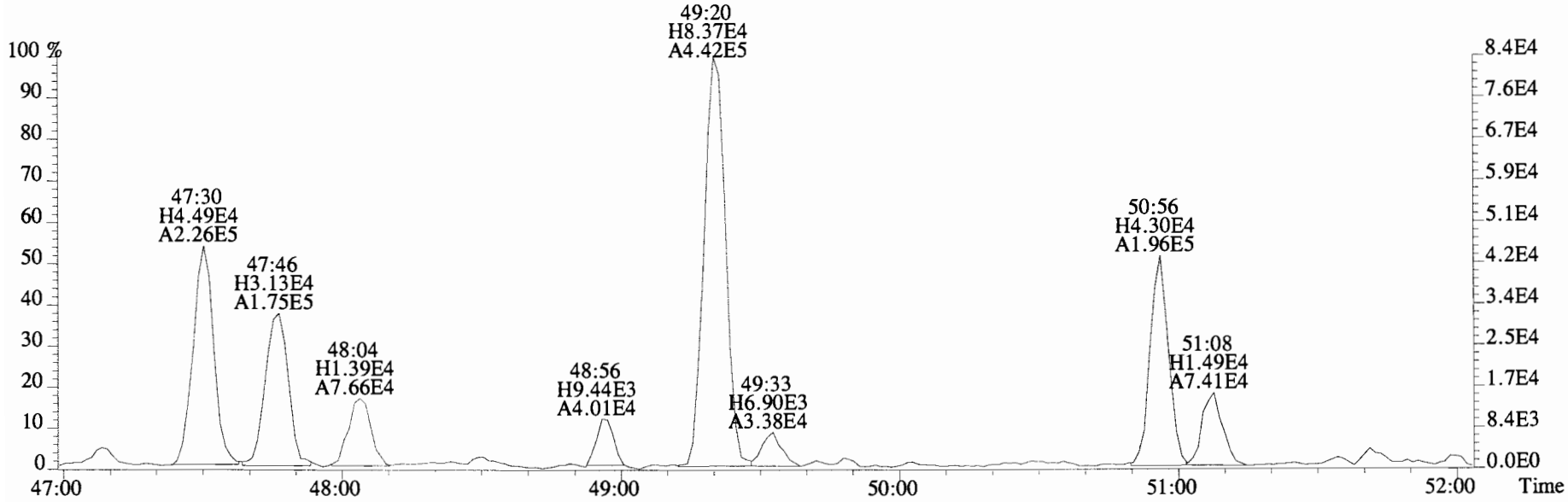
395.7995 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0)



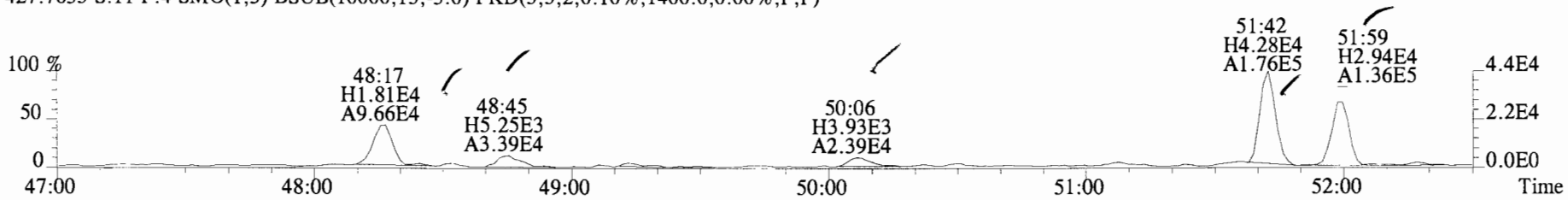
File:180315E1 #1-574 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
393.8025 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0)



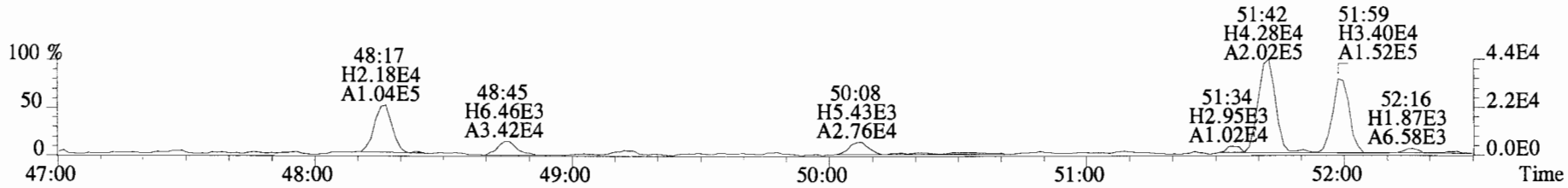
395.7995 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0)



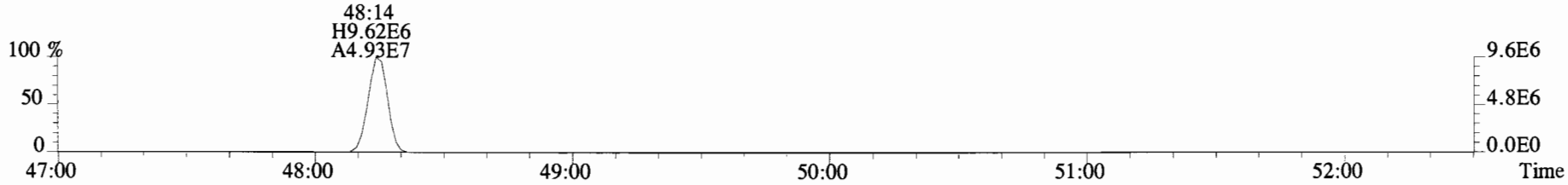
File:180315E1 #1-574 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
427.7635 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1400.0,0.00%,F,F)



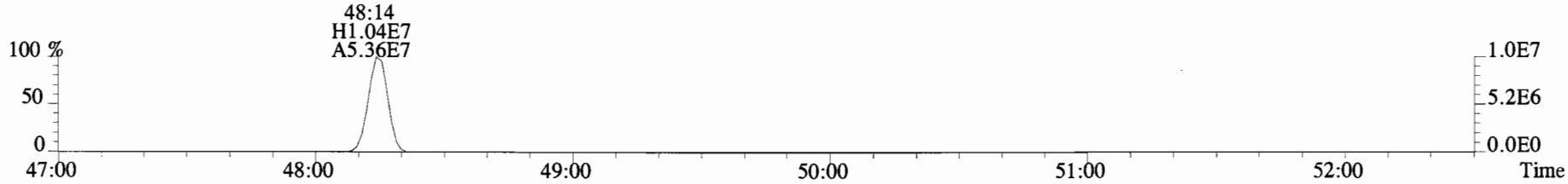
429.7606 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1620.0,0.00%,F,F)



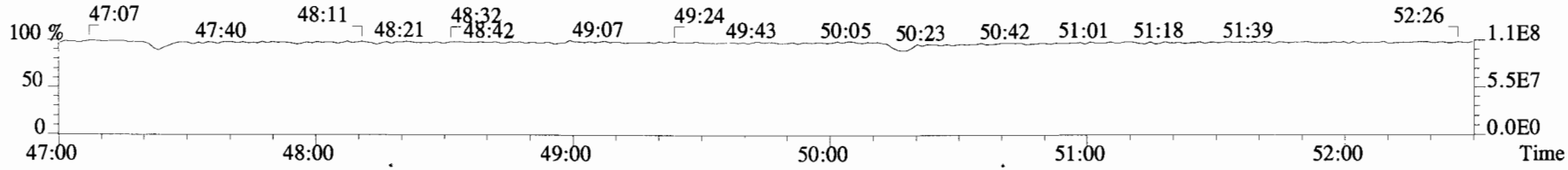
439.8038 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1652.0,0.00%,F,F)



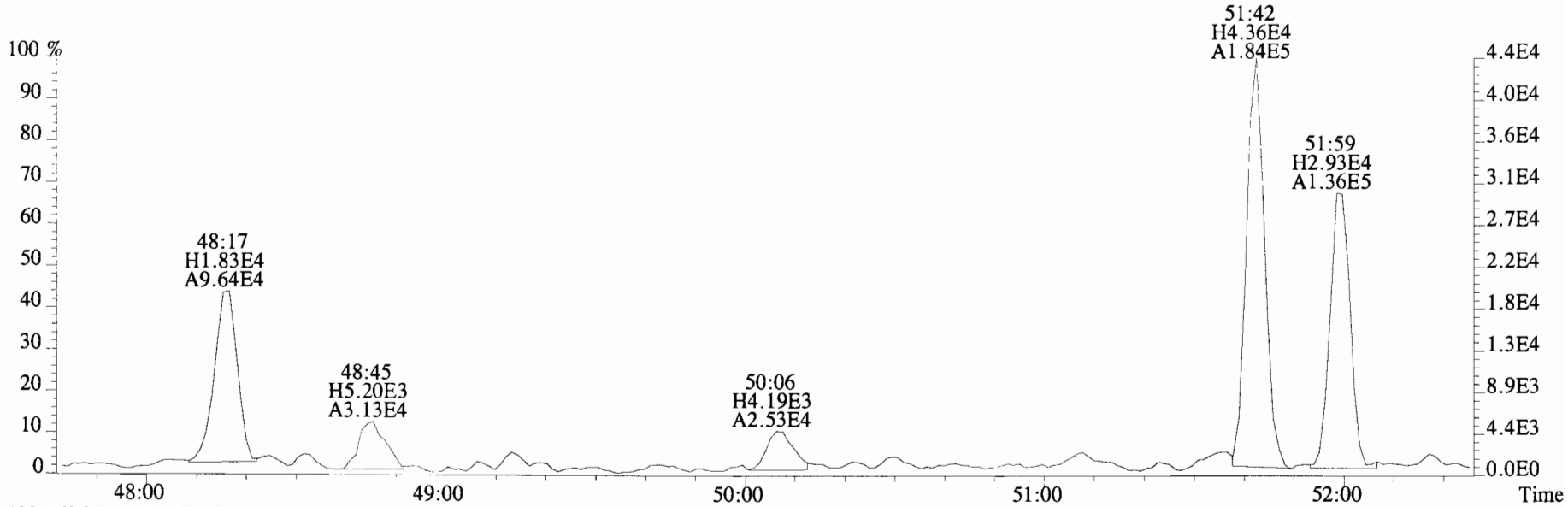
441.8008 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1876.0,0.00%,F,F)



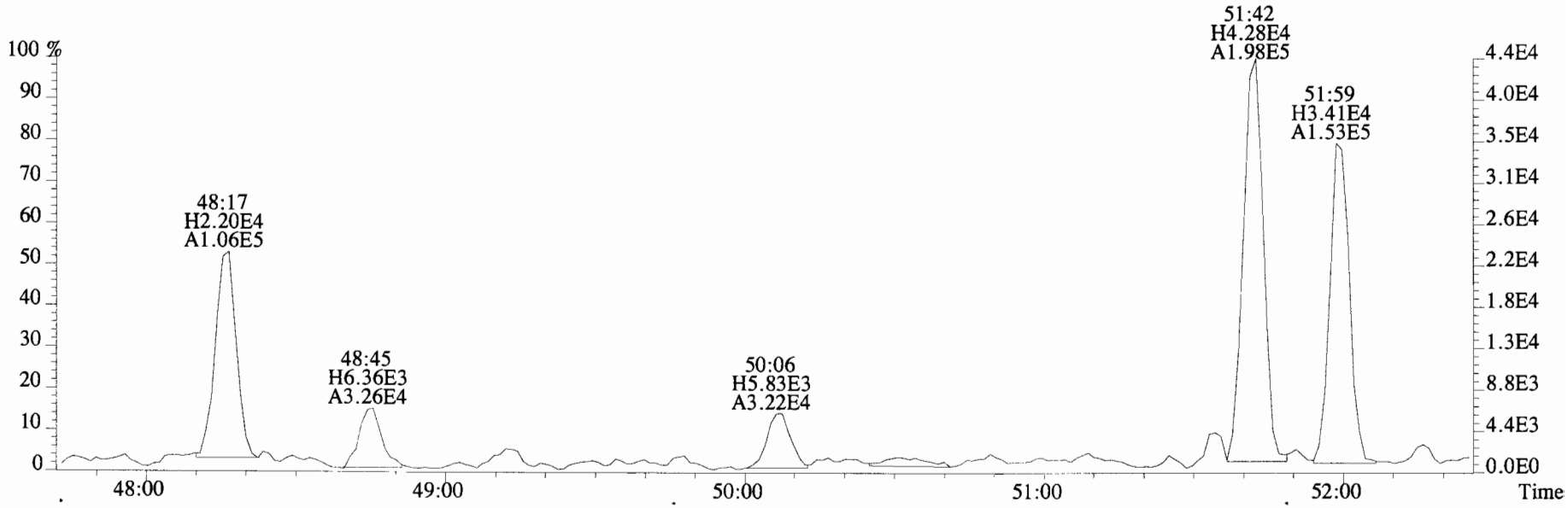
380.9760 S:11 F:4



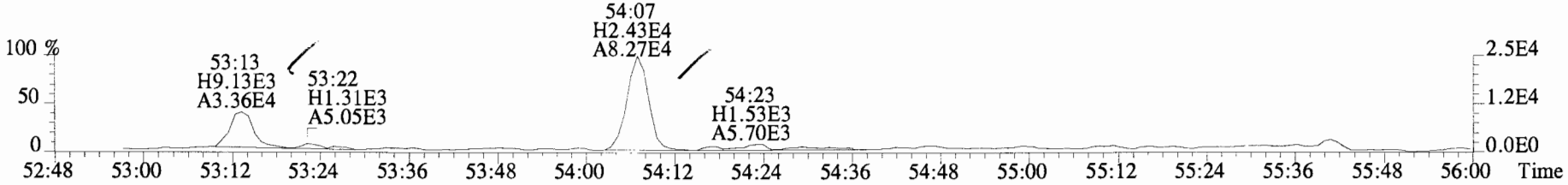
File:180315E1 #1-574 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
427.7635 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1400.0,0.00%,F,F)



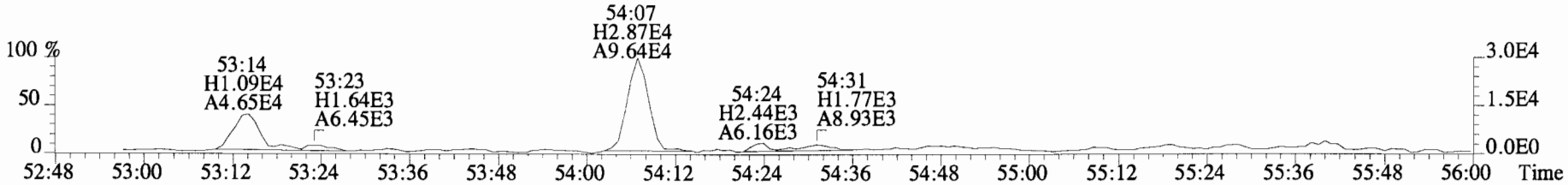
429.7606 S:11 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1620.0,0.00%,F,F)



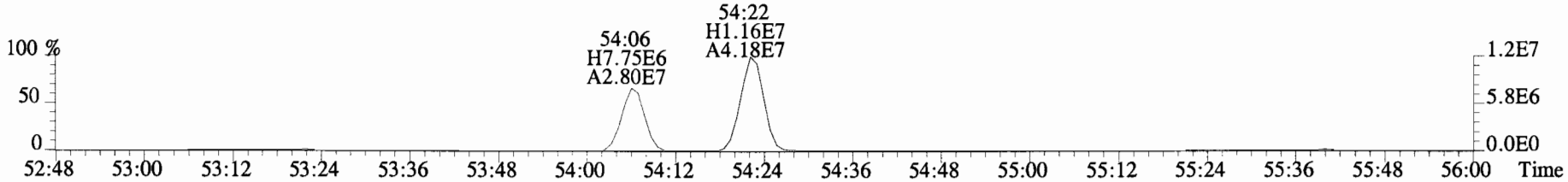
File:180315E1 #1-407 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
427.7635 S:11 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1384.0,0.00%,F,F)



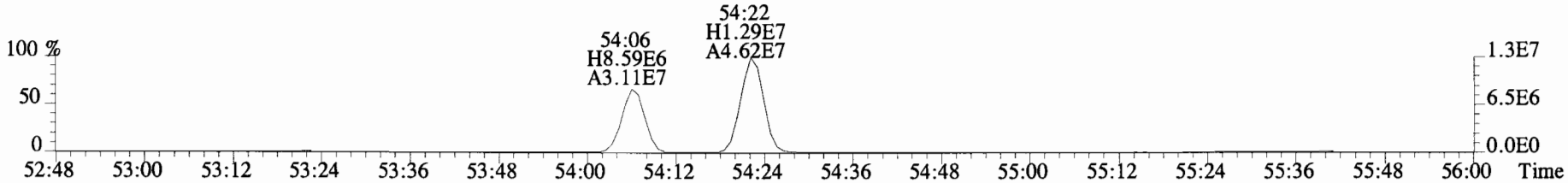
429.7606 S:11 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1564.0,0.00%,F,F)



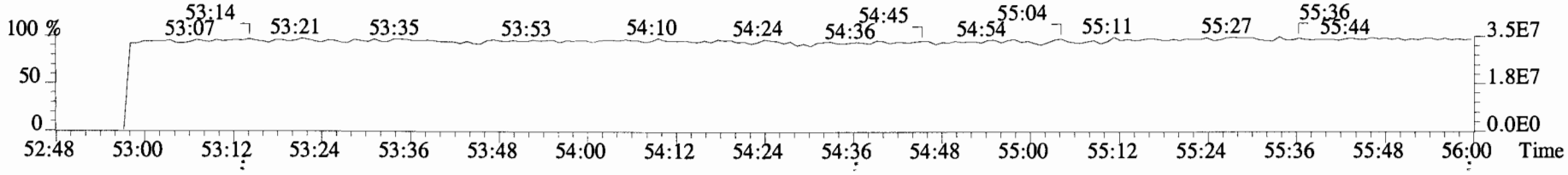
439.8038 S:11 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4248.0,0.00%,F,F)



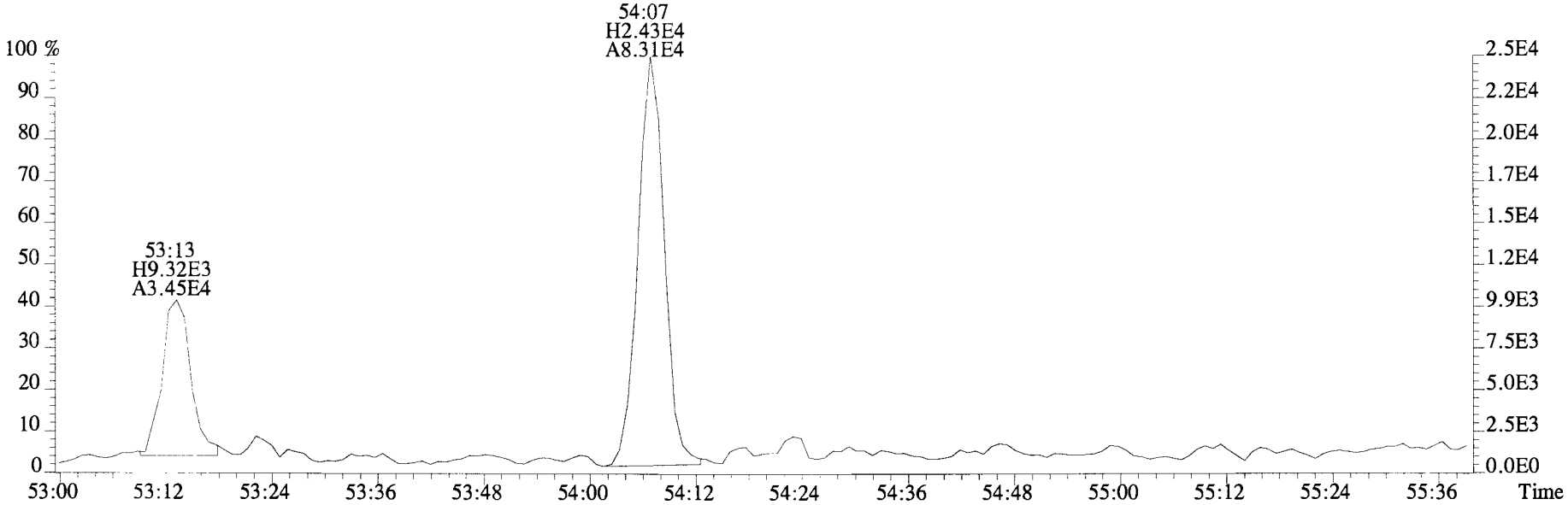
441.8008 S:11 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4436.0,0.00%,F,F)



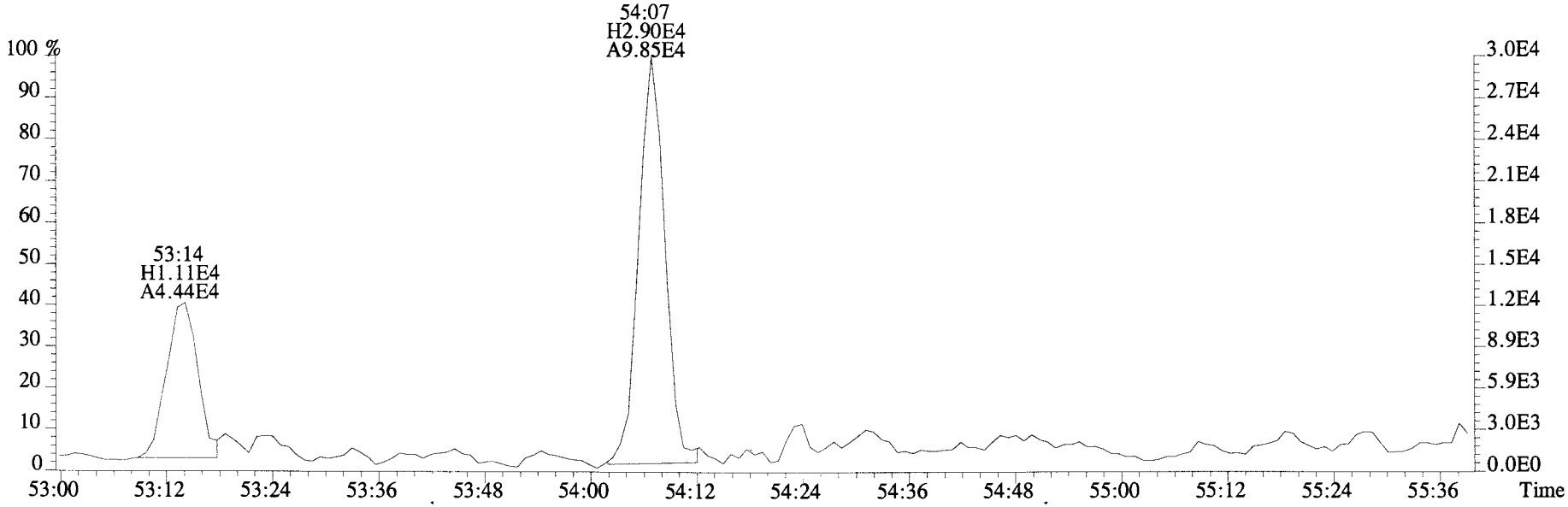
492.9697 S:11 F:5



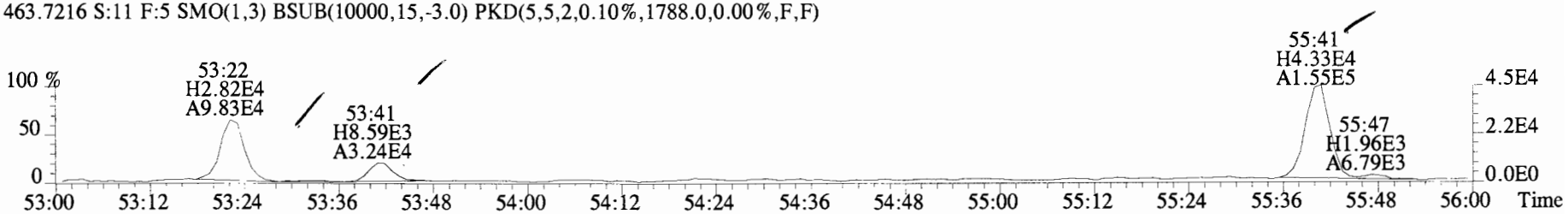
File:180315E1 #1-407 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
427.7635 S:11 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1384.0,0.00%,F,F)



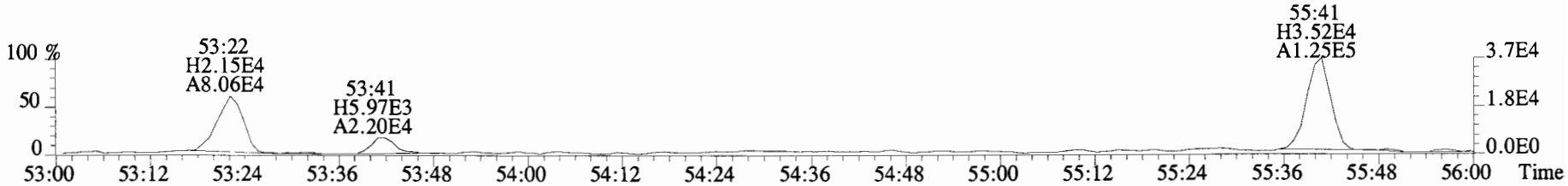
429.7606 S:11 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1564.0,0.00%,F,F)



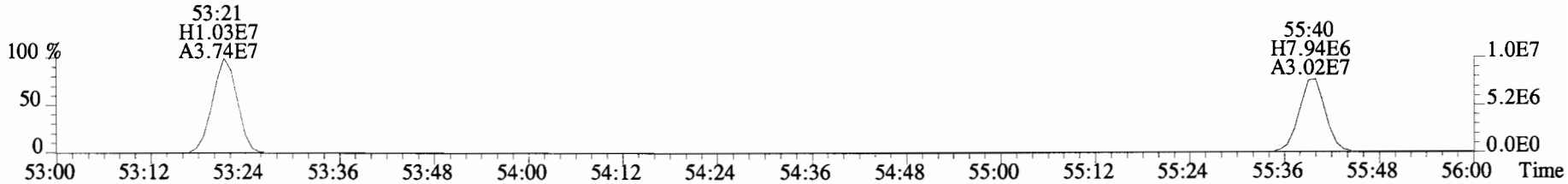
File:180315E1 #1-407 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
463.7216 S:11 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1788.0,0.00%,F,F)



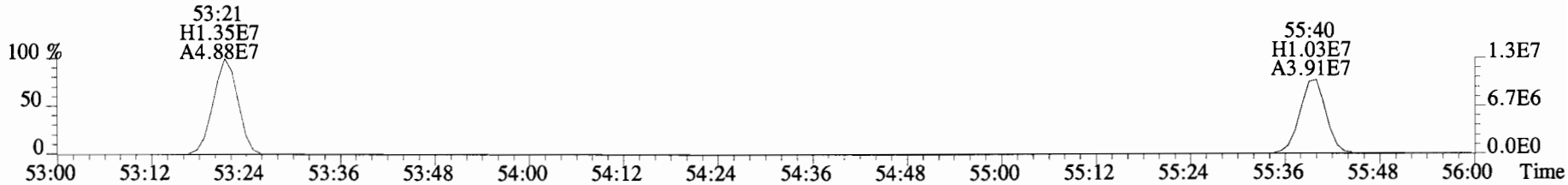
465.7186 S:11 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1472.0,0.00%,F,F)



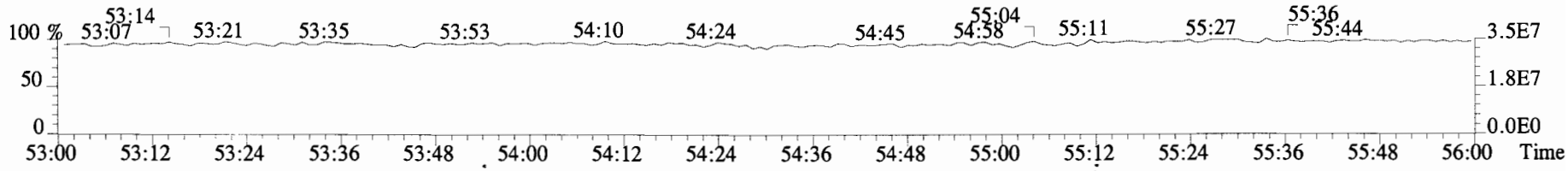
473.7648 S:11 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11908.0,0.00%,F,F)



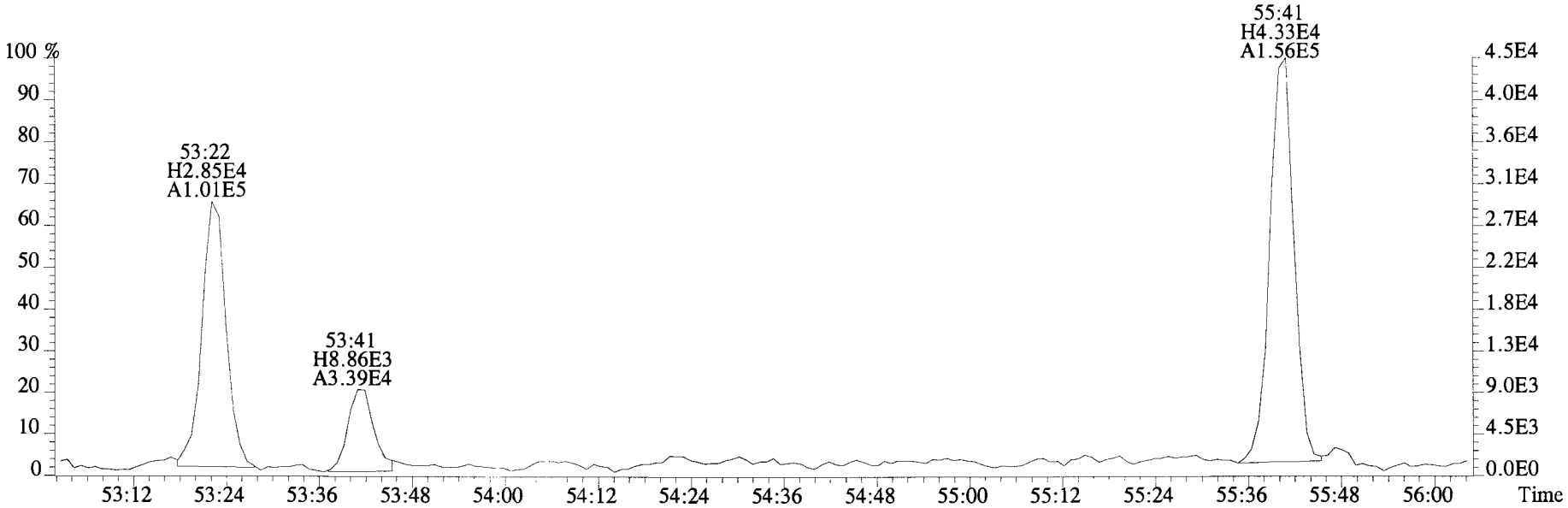
475.7619 S:11 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12192.0,0.00%,F,F)



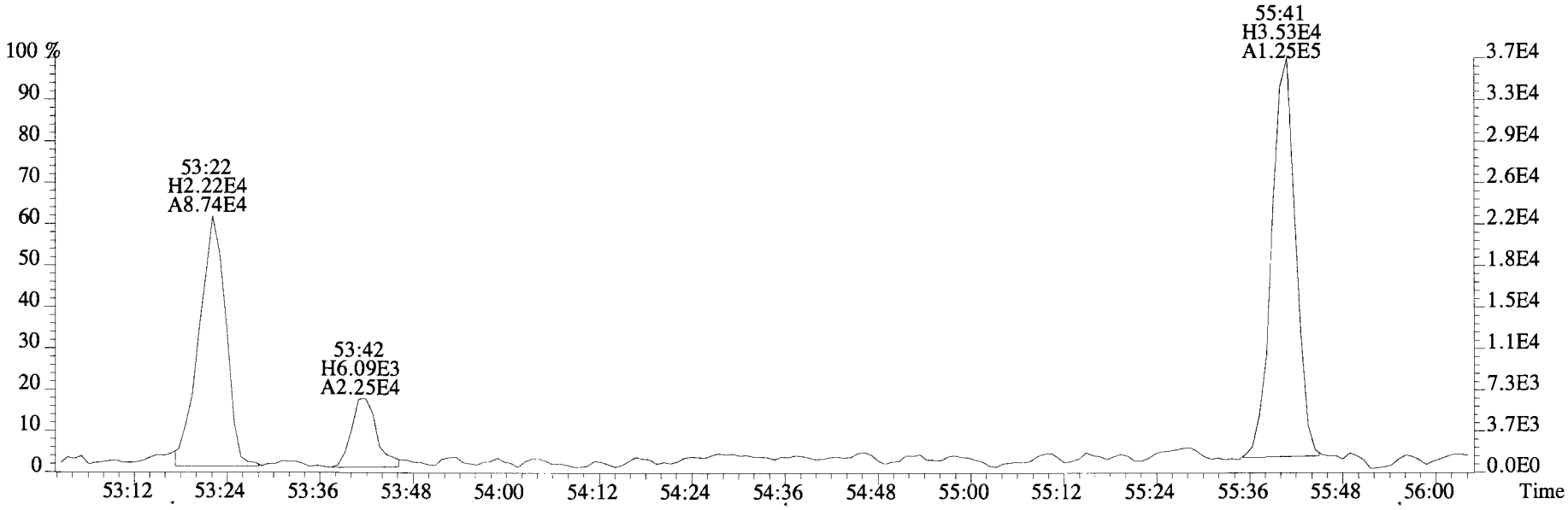
492.9697 S:11 F:5



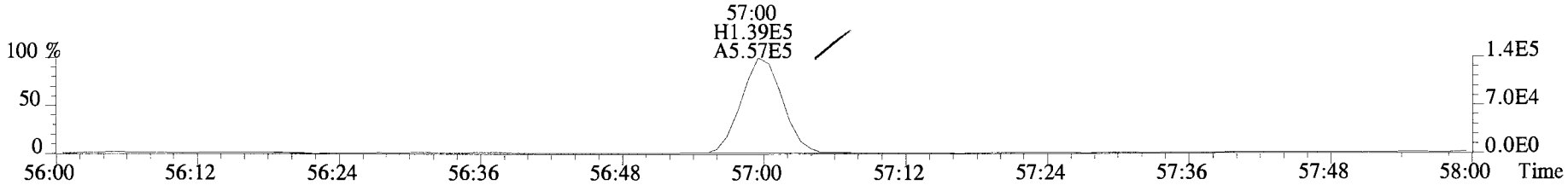
File:180315E1 #1-407 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
463.7216 S:11 F:5 SMO(1,3) BSUB(10000,15,-3.0)



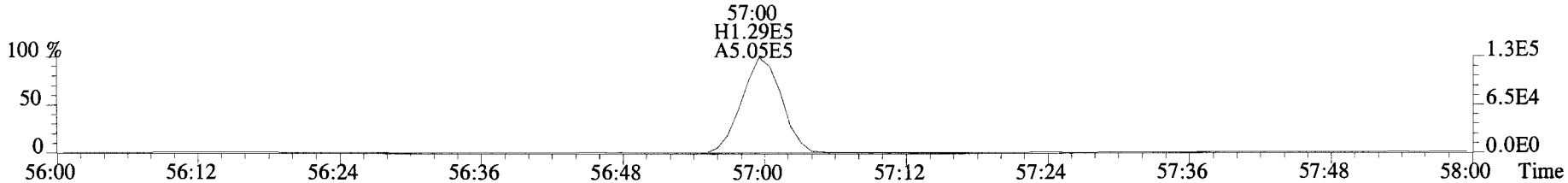
465.7186 S:11 F:5 SMO(1,3) BSUB(10000,15,-3.0)



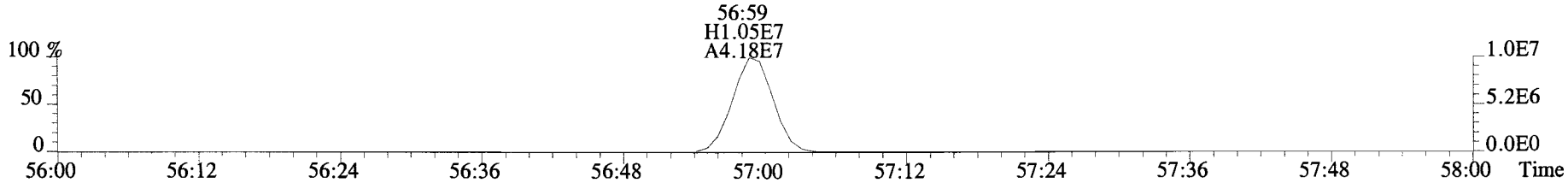
File:180315E1 #1-407 Acq:15-MAR-2018 20:20:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 File Text:Vista Analytical Laboratory VG-8 Text:1701075-07 OWS-WAFO-T170815151141 1 Exp:PCB_ZB1
497.6826 S:11 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1400.0,0.00%,F,F)



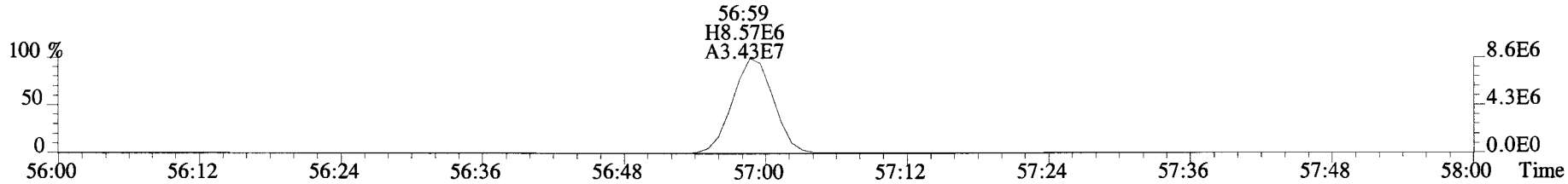
499.6797 S:11 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1308.0,0.00%,F,F)



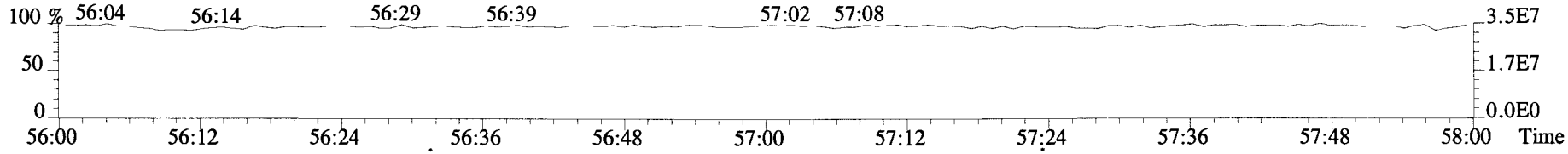
509.7229 S:11 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1748.0,0.00%,F,F)



511.7199 S:11 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1636.0,0.00%,F,F)



492.9697 S:11 F:5



CONTINUING CALIBRATION

HRMS CALIBRATION STANDARDS REVIEW CHECKLIST

Beg. Calibration ID: ST180314E1-1

End Calibration ID: NA

Reviewed By: CT 3/26/18
Initials & Date

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

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

Comments:

NATIVE 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180314E1-1 Instrument ID: VG-8

Initial Calibration Date: 2-8-18 ICal ID: PCBVG8-2-8-18 GC Column ID: ZB-1

VER Data Filename: 180314E1 S#1 Analysis Date: 14-MAR-18 Time: 11:43:52

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-1	3.01	2.66-3.60	y	48.1	37.5-62.5
PCB-2	3.03	2.66-3.60	y	48.0	37.5-62.5
PCB-3	3.01	2.66-3.60	y	47.5	37.5-62.5
PCB-4/10	1.56	1.33-1.79	y	91.0	75-125
PCB-7/9	1.57	1.33-1.79	y	88.4	75-125
PCB-6	1.57	1.33-1.79	y	44.4	37.5-62.5
PCB-5/8	1.57	1.33-1.79	y	89.6	75-125
PCB-14	1.56	1.33-1.79	y	44.3	37.5-62.5
PCB-11	1.60	1.33-1.79	y	43.7	37.5-62.5
PCB-12/13	1.57	1.33-1.79	y	88.1	75-125
PCB-15	1.56	1.33-1.79	y	44.4	37.5-62.5
PCB-19	1.04	0.88-1.20	y	43.0	37.5-62.5
PCB-30	1.04	0.88-1.20	y	44.1	37.5-62.5
PCB-18	1.04	0.88-1.20	y	41.5	37.5-62.5
PCB-17	1.05	0.88-1.20	y	41.5	37.5-62.5
PCB-24/27	1.04	0.88-1.20	y	85.6	75.0-125
PCB-16/32	1.05	0.88-1.20	y	83.9	75.0-125
PCB-34	1.05	0.88-1.20	y	47.3	37.5-62.5
PCB-23	1.05	0.88-1.20	y	49.0	37.5-62.5
PCB-29	1.06	0.88-1.20	y	47.5	37.5-62.5
PCB-26	1.06	0.88-1.20	y	47.6	37.5-62.5
PCB-25	1.06	0.88-1.20	y	47.2	37.5-62.5
PCB-31	1.05	0.88-1.20	y	50.2	37.5-62.5
PCB-28	1.06	0.88-1.20	y	46.6	37.5-62.5
PCB-20/21/33	1.04	0.88-1.20	y	141.5	112.5-225
PCB-22	1.06	0.88-1.20	y	46.4	37.5-62.5
PCB-36	1.05	0.88-1.20	y	46.7	37.5-62.5
PCB-39	1.06	0.88-1.20	y	46.8	37.5-62.5
PCB-38	1.05	0.88-1.20	y	47.4	37.5-62.5
PCB-35	1.05	0.88-1.20	y	46.9	37.5-62.5
PCB-37	1.03	0.88-1.20	y	46.2	37.5-62.5
PCB-54	0.77	0.65-0.89	y	45.8	37.5-62.5
PCB-50	0.77	0.65-0.89	y	46.1	37.5-62.5
PCB-53	0.78	0.65-0.89	y	47.4	37.5-62.5
PCB-51	0.77	0.65-0.89	y	46.9	37.5-62.5
PCB-45	0.78	0.65-0.89	y	46.6	37.5-62.5
PCB-46	0.76	0.65-0.89	y	45.7	37.5-62.5

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-52/69	0.77	0.65-0.89	y	95.9	75.0-125
PCB-73	0.77	0.65-0.89	y	45.0	37.5-62.5
PCB-43/49	0.77	0.65-0.89	y	92.5	75.0-125
PCB-47	0.76	0.65-0.89	y	45.0	37.5-62.5
PCB-48/75	0.78	0.65-0.89	y	94.8	75.0-125
PCB-65	0.77	0.65-0.89	y	46.5	37.5-62.5
PCB-62	0.78	0.65-0.89	y	46.5	37.5-62.5
PCB-44	0.78	0.65-0.89	y	46.5	37.5-62.5
PCB-42/59	0.77	0.65-0.89	y	92.4	75.0-125
PCB-41/64/71/72	0.77	0.65-0.89	y	188.6	150-250
PCB-68	0.77	0.65-0.89	y	47.2	37.5-62.5
PCB-40	0.76	0.65-0.89	y	46.9	37.5-62.5
PCB-57	0.78	0.65-0.89	y	45.2	37.5-62.5
PCB-67	0.77	0.65-0.89	y	44.2	37.5-62.5
PCB-58	0.78	0.65-0.89	y	46.7	37.5-62.5
PCB-63	0.78	0.65-0.89	y	46.6	37.5-62.5
PCB-74	0.78	0.65-0.89	y	45.1	37.5-62.5
PCB-61/70	0.77	0.65-0.89	y	93.8	75.0-125
PCB-76/66	0.78	0.65-0.89	y	91.6	75.0-125
PCB-80	0.77	0.65-0.89	y	46.0	37.5-62.5
PCB-55	0.77	0.65-0.89	y	47.8	37.5-62.5
PCB-56/60	0.77	0.65-0.89	y	90.4	75.0-125
PCB-79	0.77	0.65-0.89	y	47.2	37.5-62.5
PCB-78	0.77	0.65-0.89	y	46.6	37.5-62.5
PCB-81	0.77	0.65-0.89	y	48.2	37.5-62.5
PCB-77	0.78	0.65-0.89	y	46.1	37.5-62.5
PCB-104	1.55	1.32-1.78	y	41.5	37.5-62.5
PCB-96	1.57	1.32-1.78	y	42.0	37.5-62.5
PCB-103	1.58	1.32-1.78	y	41.7	37.5-62.5
PCB-100	1.57	1.32-1.78	y	42.4	37.5-62.5
PCB-94	1.57	1.32-1.78	y	41.6	37.5-62.5
PCB-95/98/102	1.57	1.32-1.78	y	122.4	112.5-225
PCB-93	1.50	1.32-1.78	y	42.4	37.5-62.5
PCB-88/91	1.56	1.32-1.78	y	77.5	75.0-125
PCB-121	1.58	1.32-1.78	y	44.2	37.5-62.5

Analyst: DB

Date: 3/26/18

NATIVE PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180314E1-1 Instrument ID: VG-7

Initial Calibration Date: 2-8-18 ICal ID: PCBVG8-2-8-18 GC Column ID: DB-1

VER Data Filename: 180314E1 S#1 Analysis Date: 14-MAR-18 Time: 11:43:52

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	1.57	1.32-1.78	y	83.0	75.0-125	PCB-140	1.26	1.05-1.43	y	41.2	37.5-62.5
PCB-89	1.55	1.32-1.78	y	41.8	37.5-62.5	PCB-134/143	1.24	1.05-1.43	y	92.1	75.0-125
PCB-90/101	1.56	1.32-1.78	y	82.1	75.0-125	PCB-131/133	1.24	1.05-1.43	y	90.4	75.0-125
PCB-113	1.57	1.32-1.78	y	44.0	37.5-62.5	PCB-142	1.24	1.05-1.43	y	47.2	37.5-62.5
PCB-99	1.58	1.32-1.78	y	38.9	37.5-62.5	PCB-146/165	1.24	1.05-1.43	y	91.7	75.0-125
PCB-119	1.54	1.32-1.78	y	42.4	37.5-62.5	PCB-132/161	1.24	1.05-1.43	y	92.5	75.0-125
PCB-108/112	1.57	1.32-1.78	y	82.9	75.0-125	PCB-153	1.25	1.05-1.43	y	45.1	37.5-62.5
PCB-83	1.58	1.32-1.78	y	41.4	37.5-62.5	PCB-168	1.23	1.05-1.43	y	43.9	37.5-62.5
PCB-97	1.55	1.32-1.78	y	41.3	37.5-62.5	PCB-141	1.24	1.05-1.43	y	45.3	37.5-62.5
PCB-86	1.51	1.32-1.78	y	41.0	37.5-62.5	PCB-137	1.23	1.05-1.43	y	41.4	37.5-62.5
PCB-87/117/125	1.57	1.32-1.78	y	124.3	112.5-225	PCB-130	1.25	1.05-1.43	y	51.1	37.5-62.5
PCB-111/115	1.56	1.32-1.78	y	82.1	75.0-125	PCB-138/163/164	1.24	1.05-1.43	y	137.6	112.5-225
PCB-85/116	1.57	1.32-1.78	y	89.0	75.0-125	PCB-158/160	1.24	1.05-1.43	y	93.2	75.0-125
PCB-120	1.54	1.32-1.78	y	40.3	37.5-62.5	PCB-129	1.23	1.05-1.43	y	45.0	37.5-62.5
PCB-110	1.59	1.32-1.78	y	43.5	37.5-62.5	PCB-166	1.23	1.05-1.43	y	46.8	37.5-62.5
PCB-82	1.56	1.32-1.78	y	41.2	37.5-62.5	PCB-159	1.24	1.05-1.43	y	47.4	37.5-62.5
PCB-124	1.56	1.32-1.78	y	42.2	37.5-62.5	PCB-128/162	1.23	1.05-1.43	y	92.5	75.0-125
PCB-107/109	1.59	1.32-1.78	y	82.7	75.0-125	PCB-167	1.24	1.05-1.43	y	45.8	37.5-62.5
PCB-123	1.48	1.32-1.78	y	41.6	37.5-62.5	PCB-156	1.24	1.05-1.43	y	44.9	37.5-62.5
PCB-106/118	1.56	1.32-1.78	y	85.7	75.0-125	PCB-157	1.24	1.05-1.43	y	45.2	37.5-62.5
PCB-114	1.56	1.32-1.78	y	46.1	37.5-62.5	PCB-169	1.25	1.05-1.43	y	45.7	37.5-62.5
PCB-122	1.57	1.32-1.78	y	44.4	37.5-62.5	PCB-188	1.03	0.89-1.21	y	43.1	37.5-62.5
PCB-105	1.56	1.32-1.78	y	45.6	37.5-62.5	PCB-184	1.04	0.89-1.21	y	45.5	37.5-62.5
PCB-127	1.58	1.32-1.78	y	44.8	37.5-62.5	PCB-179	1.04	0.89-1.21	y	44.7	37.5-62.5
PCB-126	1.57	1.32-1.78	y	45.9	37.5-62.5	PCB-176	1.04	0.89-1.21	y	44.7	37.5-62.5
PCB-155	1.26	1.05-1.43	y	41.3	37.5-62.5	PCB-186	1.04	0.89-1.21	y	44.5	37.5-62.5
PCB-150	1.28	1.05-1.43	y	42.1	37.5-62.5	PCB-178	1.05	0.89-1.21	y	45.0	37.5-62.5
PCB-152	1.27	1.05-1.43	y	42.3	37.5-62.5	PCB-175	1.05	0.89-1.21	y	45.8	37.5-62.5
PCB-145	1.27	1.05-1.43	y	41.9	37.5-62.5	PCB-182/187	1.04	0.89-1.21	y	88.9	75.0-125
PCB-136	1.28	1.05-1.43	y	42.7	37.5-62.5	PCB-183	1.02	0.89-1.21	y	45.4	37.5-62.5
PCB-148	1.25	1.05-1.43	y	39.6	37.5-62.5	PCB-185	1.04	0.89-1.21	y	45.7	37.5-62.5
PCB-154	1.26	1.05-1.43	y	42.2	37.5-62.5	PCB-174	1.04	0.89-1.21	y	46.7	37.5-62.5
PCB-151	1.25	1.05-1.43	y	42.8	37.5-62.5	PCB-181	1.05	0.89-1.21	y	45.3	37.5-62.5
PCB-135	1.26	1.05-1.43	y	40.5	37.5-62.5	PCB-177	1.05	0.89-1.21	y	46.0	37.5-62.5
PCB-144	1.26	1.05-1.43	y	42.6	37.5-62.5	PCB-171	1.03	0.89-1.21	y	44.6	37.5-62.5
PCB-147	1.28	1.05-1.43	y	43.7	37.5-62.5	PCB-173	1.05	0.89-1.21	y	45.6	37.5-62.5
PCB-139/149	1.25	1.05-1.43	y	83.0	75.0-125	PCB-172	1.05	0.89-1.21	y	46.2	37.5-62.5

Analyst: DB

Date: 3/21/18

NATIVE PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180314E1-1 Instrument ID: VG-7

Initial Calibration Date: 2-8-18 ICal ID: PCBVG8-2-8-18 GC Column ID: DB-1

VER Data Filename: 180314E1 S#1 Analysis Date: 14-MAR-18 Time: 11:43:52

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-192	1.04	0.89-1.21	y	47.1	37.5-62.5
PCB-180	1.03	0.89-1.21	y	45.3	37.5-62.5
PCB-193	1.04	0.89-1.21	y	45.1	37.5-62.5
PCB-191	1.05	0.89-1.21	y	46.3	37.5-62.5
PCB-170	1.03	0.89-1.21	y	46.1	37.5-62.5
PCB-190	1.02	0.89-1.21	y	46.4	37.5-62.5
PCB-189	1.02	0.89-1.21	y	44.9	37.5-62.5
PCB-202	0.89	0.76-1.02	y	44.5	37.5-62.5
PCB-201	0.90	0.76-1.02	y	44.0	37.5-62.5
PCB-204	0.89	0.76-1.02	y	43.7	37.5-62.5
PCB-197	0.89	0.76-1.02	y	41.9	37.5-62.5
PCB-200	0.89	0.76-1.02	y	42.7	37.5-62.5
PCB-198	0.89	0.76-1.02	y	40.0	37.5-62.5
PCB-199	0.90	0.76-1.02	y	43.4	37.5-62.5
PCB-196/203	0.90	0.76-1.02	y	84.5	75.0-125
PCB-195	0.91	0.76-1.02	y	46.6	37.5-62.5
PCB-194	0.90	0.76-1.02	y	45.0	37.5-62.5
PCB-205	0.91	0.76-1.02	y	47.4	37.5-62.5
PCB-208	1.32	1.14-1.54	y	47.3	37.5-62.5
PCB-207	1.32	1.14-1.54	y	48.1	37.5-62.5
PCB-206	1.31	1.14-1.54	y	47.8	37.5-62.5
PCB-209	1.18	0.99-1.34	y	44.3	37.5-62.5

Analyst: DB

Date: 3/21/18

LABELED PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180314E1-1 Instrument ID: VG-7

Initial Calibration Date: 2-8-18 ICal ID: PCBVG8-2-8-18 GC Column ID: DB-1

VER Data Filename: 180314E1 S#1 Analysis Date: 14-MAR-18 Time: 11:43:52

LABELED IS	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
13C-PCB-1	3.12	2.66-3.60	y	91.8	50.0-145
13C-PCB-3	3.10	2.66-3.60	y	94.4	50.0-145
13C-PCB-4	1.54	1.33-1.81	y	94.3	50.0-145
13C-PCB-9	1.53	1.33-1.81	y	97.6	50.0-145
13C-PCB-11	1.53	1.33-1.81	y	101.0	50.0-145
13C-PCB-19	1.05	0.88-1.20	y	110.6	50.0-145
13C-PCB-32	1.06	0.88-1.20	y	115.5	50.0-145
13C-PCB-28	1.04	0.88-1.20	y	92.1	50.0-145
13C-PCB-37	1.05	0.88-1.20	y	90.8	50.0-145
13C-PCB-54	0.78	0.65-0.89	y	106.2	50.0-145
13C-PCB-52	0.80	0.65-0.89	y	101.6	50.0-145
13C-PCB-47	0.79	0.65-0.89	y	102.0	50.0-145
13C-PCB-70	0.80	0.65-0.89	y	105.5	50.0-145
13C-PCB-80	0.79	0.65-0.89	y	102.5	50.0-145
13C-PCB-81	0.80	0.65-0.89	y	101.8	50.0-145
13C-PCB-77	0.80	0.65-0.89	y	100.2	50.0-145
13C-PCB-104	1.58	1.33-1.81	y	97.7	50.0-145
13C-PCB-95	1.57	1.33-1.81	y	98.9	50.0-145
13C-PCB-101	1.61	1.33-1.81	y	100.1	50.0-145
13C-PCB-97	1.60	1.33-1.81	y	99.3	50.0-145
13C-PCB-123	1.56	1.33-1.81	y	101.3	50.0-145
13C-PCB-118	1.61	1.33-1.81	y	98.6	50.0-145
13C-PCB-114	1.58	1.33-1.81	y	91.8	50.0-145
13C-PCB-105	1.58	1.33-1.81	y	93.2	50.0-145
13C-PCB-127	1.57	1.33-1.81	y	93.7	50.0-145
13C-PCB-126	1.58	1.33-1.81	y	92.4	50.0-145
13C-PCB-155	1.27	1.05-1.43	y	134.2	50.0-145
13C-PCB-153	1.25	1.05-1.43	y	99.9	50.0-145
13C-PCB-141	1.28	1.05-1.43	y	101.9	50.0-145
13C-PCB-138	1.25	1.05-1.43	y	100.2	50.0-145
13C-PCB-159	1.26	1.05-1.43	y	100.9	50.0-145
13C-PCB-167	1.27	1.05-1.43	y	100.7	50.0-145
13C-PCB-156	1.28	1.05-1.43	y	100.5	50.0-145
13C-PCB-157	1.27	1.05-1.43	y	101.0	50.0-145

LABELED IS	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
13C-PCB-169	1.27	1.05-1.43	y	97.3	50 - 145
13C-PCB-188	0.46	0.38-0.52	y	100.6	50 - 145
13C-PCB-180	0.47	0.38-0.52	y	99.8	50 - 145
13C-PCB-170	0.47	0.38-0.52	y	97.7	50 - 145
13C-PCB-189	0.46	0.38-0.52	y	98.0	50 - 145
13C-PCB-202	0.91	0.76-1.02	y	131.1	50 - 145
13C-PCB-194	0.91	0.76-1.02	y	96.8	50 - 145
13C-PCB-208	0.77	0.66-0.90	y	109.4	50 - 145
13C-PCB-206	0.79	0.66-0.90	y	113.0	50 - 145
13C-PCB-209	1.20	0.99-1.35	y	140.3	50 - 145

CRS vs. RS

13C-PCB-182	0.90	0.65-0.89	y	100.0	75 - 125
13C-PCB-205	0.79	0.38-0.52	y	103.9	75 - 125

Analyst: DB

Date: 3/21/18

Client ID: PCB CS3 17L3006 Filename: 180314E1 S:1 Acq:14-MAR-18 11:43:52 ConCal: ST180314E1-1
Lab ID: ST180314E1-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Mono	PCB-1	1.36e+08	3.01	y 16:00	1.07	48.1		*	2.5	*	1.001	0.996-1.006
Mono	PCB-2	1.47e+08	3.03	y 18:24	1.06	48.0		*	2.5	*	0.988	0.983-0.993
Mono	PCB-3	1.46e+08	3.01	y 18:38	1.06	47.5		*	2.5	*	1.001	0.996-1.006
Di	PCB-4/10	1.60e+08	1.56	y 20:01	1.24	91.0		*	2.5	*	1.003	0.998-1.008
Di	PCB-7/9	2.05e+08	1.57	y 21:48	0.99	88.4		*	2.5	*	0.867	0.863-0.871
Di	PCB-6	1.10e+08	1.57	y 22:27	1.06	44.4		*	2.5	*	0.893	0.888-0.897
Di	PCB-5/8	2.15e+08	1.57	y 22:52	1.03	89.6		*	2.5	*	0.909	0.904-0.913
Di	PCB-14	1.11e+08	1.56	y 23:58	1.03	44.3		*	2.5	*	0.953	0.948-0.958
Di	PCB-11	1.18e+08	1.60	y 25:10	1.11	43.7		*	2.5	*	1.001	0.996-1.006
Di	PCB-12/13	2.18e+08	1.57	y 25:34	1.02	88.1		*	2.5	*	1.017	1.011-1.021
Di	PCB-15	1.14e+08	1.56	y 25:53	1.05	44.4		*	2.5	*	1.029	1.023-1.033
Tri	PCB-19	9.01e+07	1.04	y 24:09	1.20	43.0		*	2.5	*	1.001	0.996-1.006
Tri	PCB-30	1.49e+08	1.04	y 25:03	1.93	44.1		*	2.5	*	1.038	1.034-1.044
Tri	PCB-18	1.01e+08	1.04	y 25:48	0.91	41.5		*	2.5	*	0.953	0.948-0.958
Tri	PCB-17	9.32e+07	1.05	y 25:58	0.84	41.5		*	2.5	*	0.959	0.955-0.965
Tri	PCB-24/27	2.63e+08	1.04	y 26:33	1.15	85.6		*	2.5	*	0.981	0.977-0.986
Tri	PCB-16/32	2.28e+08	1.05	y 27:04	1.02	83.9		*	2.5	*	1.000	0.995-1.005
Tri	PCB-34	9.84e+07	1.05	y 27:52	0.96	47.3		*	2.5	*	0.960	0.955-0.965
Tri	PCB-23	1.01e+08	1.05	y 27:57	0.95	49.0		*	2.5	*	0.963	0.958-0.968
Tri	PCB-29	9.92e+07	1.06	y 28:12	0.96	47.5		*	2.5	*	0.971	0.966-0.976
Tri	PCB-26	1.04e+08	1.06	y 28:25	1.00	47.6		*	2.5	*	0.979	0.974-0.984
Tri	PCB-25	1.08e+08	1.06	y 28:35	1.06	47.2		*	2.5	*	0.985	0.980-0.990
Tri	PCB-31	1.20e+08	1.05	y 28:56	1.10	50.2		*	2.5	*	0.997	0.992-1.002
Tri	PCB-28	1.15e+08	1.06	y 29:02	1.14	46.6		*	2.5	*	1.000	0.995-1.005
Tri	PCB-20/21/33	3.05e+08	1.04	y 29:40	1.00	141		*	2.5	*	1.022	1.017-1.027
Tri	PCB-22	1.09e+08	1.06	y 30:06	1.09	46.4		*	2.5	*	1.037	1.032-1.042
Tri	PCB-36	1.12e+08	1.05	y 30:43	1.15	46.7		*	2.5	*	0.934	0.929-0.939
Tri	PCB-39	1.04e+08	1.06	y 31:12	1.07	46.8		*	2.5	*	0.948	0.943-0.953
Tri	PCB-38	1.09e+08	1.05	y 31:57	1.10	47.4		*	2.5	*	0.971	0.966-0.976
Tri	PCB-35	1.09e+08	1.05	y 32:29	1.12	46.9		*	2.5	*	0.987	0.982-0.992
Tri	PCB-37	1.07e+08	1.03	y 32:55	1.11	46.2		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-54	1.17e+08	0.77	y 27:55	1.07	45.8		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-50	9.59e+07	0.77	y 29:05	0.87	46.1		*	2.5	*	1.043	1.038-1.048
Tetra	PCB-53	8.97e+07	0.78	y 29:44	1.01	47.4		*	2.5	*	0.946	0.940-0.950
Tetra	PCB-51	9.66e+07	0.77	y 30:05	1.10	46.9		*	2.5	*	0.957	0.952-0.962
Tetra	PCB-45	7.62e+07	0.78	y 30:31	0.87	46.6		*	2.5	*	0.971	0.965-0.975
Tetra	PCB-46	7.17e+07	0.76	y 31:00	0.84	45.7		*	2.5	*	0.986	0.980-0.990

Integrations by:
Analyst: DB
Date: 3/21/18

Reviewed by: CT Date: 3/26/18

Client ID: PCB CS3 17L3006 Filename: 180314E1 S:1 Acq:14-MAR-18 11:43:52 ConCal: ST180314E1-1
Lab ID: ST180314E1-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Tetra	PCB-52/69	2.18e+08	0.77	y 31:29	1.21	95.9		*	2.5	*	1.002	0.996-1.006
Tetra	PCB-73	1.23e+08	0.77	y 31:36	1.45	45.0		*	2.5	*	1.005	1.000-1.010
Tetra	PCB-43/49	1.75e+08	0.77	y 31:46	1.01	92.5		*	2.5	*	1.011	1.005-1.015
Tetra	PCB-47	8.38e+07	0.76	y 31:58	0.91	45.0		*	2.5	*	1.001	0.995-1.005
Tetra	PCB-48/75	2.21e+08	0.78	y 32:05	1.13	94.8		*	2.5	*	1.004	0.999-1.009
Tetra	PCB-65	1.21e+08	0.77	y 32:21	1.27	46.5		*	2.5	*	1.013	1.007-1.017
Tetra	PCB-62	1.05e+08	0.78	y 32:27	1.10	46.5		*	2.5	*	1.016	1.011-1.021
Tetra	PCB-44	8.16e+07	0.78	y 32:46	0.85	46.5		*	2.5	*	1.026	1.020-1.030
Tetra	PCB-42/59	1.94e+08	0.77	y 32:59	1.02	92.4		*	2.5	*	1.032	1.027-1.037
Tetra	PCB-41/64/71/72	4.52e+08	0.77	y 33:35	1.17	189		*	2.5	*	1.051	1.046-1.056
Tetra	PCB-68	1.24e+08	0.77	y 33:50	1.28	47.2		*	2.5	*	1.059	1.054-1.064
Tetra	PCB-40	6.01e+07	0.76	y 34:03	0.62	46.9		*	2.5	*	1.066	1.060-1.070
Tetra	PCB-57	1.30e+08	0.78	y 34:25	1.13	45.2		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-67	1.24e+08	0.77	y 34:43	1.10	44.2		*	2.5	*	0.979	0.973-0.983
Tetra	PCB-58	1.33e+08	0.78	y 34:50	1.12	46.7		*	2.5	*	0.982	0.977-0.987
Tetra	PCB-63	1.19e+08	0.78	y 34:59	1.00	46.6		*	2.5	*	0.986	0.981-0.991
Tetra	PCB-74	1.36e+08	0.78	y 35:17	1.18	45.1		*	2.5	*	0.995	0.989-0.999
Tetra	PCB-61/70	2.45e+08	0.77	y 35:27	1.03	93.8		*	2.5	*	1.000	0.994-1.004
Tetra	PCB-76/66	2.64e+08	0.78	y 35:40	1.13	91.6		*	2.5	*	1.006	1.000-1.010
Tetra	PCB-80	1.35e+08	0.77	y 35:55	1.19	46.0		*	2.5	*	1.001	0.995-1.005
Tetra	PCB-55	1.36e+08	0.77	y 36:13	1.16	47.8		*	2.5	*	1.009	1.004-1.014
Tetra	PCB-56/60	2.33e+08	0.77	y 36:43	1.04	90.4		*	2.5	*	1.023	1.018-1.028
Tetra	PCB-79	1.36e+08	0.77	y 37:47	1.17	47.2		*	2.5	*	1.053	1.047-1.057
Tetra	PCB-78	1.28e+08	0.77	y 38:29	1.10	46.6		*	2.5	*	0.987	0.982-0.992
Tetra	PCB-81	1.16e+08	0.77	y 39:00	0.97	48.2		*	2.5	*	1.000	0.995-1.005
Tetra	PCB-77	1.16e+08	0.78	y 39:36	1.08	46.1		*	2.5	*	1.000	0.995-1.005
Penta	PCB-104	9.41e+07	1.55	y 32:37	1.08	41.5		*	2.5	*	1.001	0.996-1.006
Penta	PCB-96	1.00e+08	1.57	y 33:52	1.13	42.0		*	2.5	*	1.039	1.034-1.044
Penta	PCB-103	7.97e+07	1.58	y 34:25	0.91	41.7		*	2.5	*	1.056	1.051-1.061
Penta	PCB-100	8.25e+07	1.57	y 34:46	0.93	42.4		*	2.5	*	1.066	1.062-1.072
Penta	PCB-94	6.45e+07	1.57	y 35:15	0.91	41.6		*	2.5	*	0.986	0.981-0.991
Penta	PCB-95/98/102	2.43e+08	1.57	y 35:43	1.17	122		*	2.5	*	0.999	0.994-1.004
Penta	PCB-93	6.66e+07	1.50	y 35:51	0.93	42.4		*	2.5	*	1.003	0.997-1.007
Penta	PCB-88/91	1.28e+08	1.56	y 36:08	0.97	77.5		*	2.5	*	1.011	1.005-1.015
Penta	PCB-121	1.26e+08	1.58	y 36:16	1.68	44.2		*	2.5	*	1.014	1.009-1.019
Penta	PCB-84/92	1.38e+08	1.57	y 37:05	0.97	83.0		*	2.5	*	0.990	0.985-0.995
Penta	PCB-89	7.63e+07	1.55	y 37:16	1.06	41.8		*	2.5	*	0.995	0.990-1.000

Analyst: DB

Date: 3/26/18

Client ID: PCB CS3 17L3006 Filename: 180314E1 S:1 Acq:14-MAR-18 11:43:52 ConCal: ST180314E1-1
Lab ID: ST180314E1-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Penta	PCB-90/101	1.52e+08	1.56	y 37:28	1.08	82.1		*	2.5	*	1.000	0.995-1.005
Penta	PCB-113	1.11e+08	1.57	y 37:43	1.48	44.0		*	2.5	*	1.007	1.002-1.012
Penta	PCB-99	8.36e+07	1.58	y 37:48	1.25	38.9		*	2.5	*	1.009	1.004-1.014
Penta	PCB-119	1.07e+08	1.54	y 38:16	1.70	42.4		*	2.5	*	0.988	0.982-0.992
Penta	PCB-108/112	1.73e+08	1.57	y 38:25	1.40	82.9		*	2.5	*	0.991	0.986-0.996
Penta	PCB-83	1.08e+08	1.58	y 38:34	1.75	41.4		*	2.5	*	0.995	0.990-1.000
Penta	PCB-97	7.22e+07	1.55	y 38:46	1.17	41.3		*	2.5	*	1.000	0.995-1.005
Penta	PCB-86	6.60e+07	1.51	y 38:54	1.08	41.0		*	2.5	*	1.004	0.999-1.009
Penta	PCB-87/117/125	2.87e+08	1.57	y 39:02	1.55	124		*	2.5	*	1.007	1.002-1.012
Penta	PCB-111/115	2.19e+08	1.56	y 39:11	1.79	82.1		*	2.5	*	1.011	1.006-1.016
Penta	PCB-85/116	1.71e+08	1.57	y 39:19	1.29	89.0		*	2.5	*	1.015	1.009-1.019
Penta	PCB-120	1.19e+08	1.54	y 39:34	1.98	40.3		*	2.5	*	1.021	1.016-1.026
Penta	PCB-110	1.09e+08	1.59	y 39:42	1.69	43.5		*	2.5	*	1.025	1.020-1.030
Penta	PCB-82	6.80e+07	1.56	y 40:19	0.81	41.2		*	2.5	*	0.976	0.972-0.982
Penta	PCB-124	1.12e+08	1.56	y 41:00	1.30	42.2		*	2.5	*	0.993	0.988-0.998
Penta	PCB-107/109	2.22e+08	1.59	y 41:09	1.31	82.7		*	2.5	*	0.996	0.991-1.001
Penta	PCB-123	9.53e+07	1.48	y 41:20	1.12	41.6		*	2.5	*	1.001	0.996-1.006
Penta	PCB-106/118	2.12e+08	1.56	y 41:32	1.18	85.7		*	2.5	*	1.001	0.996-1.006
Penta	PCB-114	7.72e+07	1.56	y 42:10	1.11	46.1		*	2.5	*	1.000	0.995-1.005
Penta	PCB-122	6.88e+07	1.57	y 42:18	1.03	44.4		*	2.5	*	1.004	0.999-1.009
Penta	PCB-105	7.56e+07	1.56	y 43:01	1.12	45.6		*	2.5	*	1.000	0.995-1.005
Penta	PCB-127	8.09e+07	1.58	y 43:22	1.12	44.8		*	2.5	*	1.000	0.995-1.005
Penta	PCB-126	8.04e+07	1.57	y 45:15	1.20	45.9		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-155	9.64e+07	1.26	y 37:01	0.99	41.3		*	2.5	*	1.001	0.995-1.005
Hexa	PCB-150	1.02e+08	1.28	y 38:16	1.02	42.1		*	2.5	*	1.035	1.030-1.040
Hexa	PCB-152	1.16e+08	1.27	y 38:44	1.16	42.3		*	2.5	*	1.047	1.042-1.052
Hexa	PCB-145	1.12e+08	1.27	y 39:11	1.13	41.9		*	2.5	*	1.059	1.054-1.064
Hexa	PCB-136	1.03e+08	1.28	y 39:31	1.02	42.7		*	2.5	*	1.068	1.063-1.073
Hexa	PCB-148	7.25e+07	1.25	y 39:37	0.77	39.6		*	2.5	*	1.071	1.066-1.076
Hexa	PCB-154	8.76e+07	1.26	y 40:07	0.88	42.2		*	2.5	*	1.085	1.079-1.089
Hexa	PCB-151	7.62e+07	1.25	y 40:44	0.75	42.8		*	2.5	*	1.101	1.095-1.107
Hexa	PCB-135	8.24e+07	1.26	y 40:58	0.86	40.5		*	2.5	*	1.108	1.101-1.113
Hexa	PCB-144	7.73e+07	1.26	y 41:04	0.77	42.6		*	2.5	*	1.110	1.105-1.116
Hexa	PCB-147	8.32e+07	1.28	y 41:12	0.80	43.7		*	2.5	*	1.114	1.108-1.120
Hexa	PCB-139/149	1.73e+08	1.25	y 41:28	0.88	83.0		*	2.5	*	1.121	1.115-1.127
Hexa	PCB-140	7.50e+07	1.26	y 41:39	0.77	41.2		*	2.5	*	1.126	1.120-1.132
Hexa	PCB-134/143	1.30e+08	1.24	y 42:05	0.76	92.1		*	2.5	*	0.975	0.970-0.980

Analyst: DB

Date: 3/21/18

Client ID: PCB CS3 17L3006 Filename: 180314E1 S:1 Acq:14-MAR-18 11:43:52 ConCal: ST180314E1-1
Lab ID: ST180314E1-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hexa	PCB-131/133	1.37e+08	1.24	y 42:23	0.82	90.4		*	2.5	*	0.982	0.977-0.987
Hexa	PCB-142	6.40e+07	1.24	y 42:32	0.73	47.2		*	2.5	*	0.985	0.981-0.991
Hexa	PCB-146/165	1.73e+08	1.24	y 42:46	1.02	91.7		*	2.5	*	0.991	0.986-0.996
Hexa	PCB-132/161	1.72e+08	1.24	y 43:01	1.00	92.5		*	2.5	*	0.997	0.992-1.002
Hexa	PCB-153	9.01e+07	1.25	y 43:11	1.08	45.1		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-168	9.08e+07	1.23	y 43:24	1.12	43.9		*	2.5	*	1.005	1.000-1.010
Hexa	PCB-141	7.23e+07	1.24	y 43:55	1.02	45.3		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-137	7.15e+07	1.23	y 44:18	1.10	41.4		*	2.5	*	1.009	1.004-1.014
Hexa	PCB-130	6.44e+07	1.25	y 44:24	0.81	51.1		*	2.5	*	1.011	1.007-1.017
Hexa	PCB-138/163/164	2.77e+08	1.24	y 44:47	1.23	138		*	2.5	*	1.001	0.996-1.006
Hexa	PCB-158/160	1.80e+08	1.24	y 45:01	1.18	93.2		*	2.5	*	1.006	1.001-1.011
Hexa	PCB-129	5.75e+07	1.23	y 45:16	0.78	45.0		*	2.5	*	1.012	1.007-1.017
Hexa	PCB-166	1.03e+08	1.23	y 45:43	1.13	46.8		*	2.5	*	0.993	0.988-0.998
Hexa	PCB-159	1.07e+08	1.24	y 46:02	1.16	47.4		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-128/162	1.60e+08	1.23	y 46:20	0.89	92.5		*	2.5	*	1.007	1.002-1.012
Hexa	PCB-167	9.16e+07	1.24	y 46:44	1.02	45.8		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-156	9.23e+07	1.24	y 48:00	1.06	44.9		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-157	8.91e+07	1.24	y 48:16	1.02	45.2		*	2.5	*	1.000	0.996-1.006
Hexa	PCB-169	9.71e+07	1.25	y 50:29	1.13	45.7		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-188	9.42e+07	1.03	y 42:49	1.37	43.1		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-184	9.53e+07	1.04	y 43:16	1.32	45.5		*	2.5	*	1.011	1.006-1.016
Hepta	PCB-179	9.84e+07	1.04	y 44:03	1.38	44.7		*	2.5	*	1.029	1.024-1.034
Hepta	PCB-176	9.30e+07	1.04	y 44:30	1.31	44.7		*	2.5	*	1.040	1.035-1.045
Hepta	PCB-186	1.01e+08	1.04	y 45:07	1.42	44.5		*	2.5	*	1.054	1.049-1.059
Hepta	PCB-178	6.94e+07	1.05	y 45:37	0.97	45.0		*	2.5	*	1.066	1.060-1.070
Hepta	PCB-175	7.27e+07	1.05	y 45:57	1.00	45.8		*	2.5	*	1.074	1.069-1.079
Hepta	PCB-182/187	1.61e+08	1.04	y 46:08	1.14	88.9		*	2.5	*	1.078	1.072-1.082
Hepta	PCB-183	8.15e+07	1.02	y 46:27	1.13	45.4		*	2.5	*	1.085	1.080-1.090
Hepta	PCB-185	6.82e+07	1.04	y 47:06	1.36	45.7		*	2.5	*	0.956	0.950-0.960
Hepta	PCB-174	7.28e+07	1.04	y 47:28	1.42	46.7		*	2.5	*	0.963	0.958-0.968
Hepta	PCB-181	7.36e+07	1.05	y 47:34	1.48	45.3		*	2.5	*	0.965	0.960-0.970
Hepta	PCB-177	6.72e+07	1.05	y 47:44	1.33	46.0		*	2.5	*	0.969	0.963-0.973
Hepta	PCB-171	6.74e+07	1.03	y 48:01	1.37	44.6		*	2.5	*	0.974	0.969-0.979
Hepta	PCB-173	6.37e+07	1.05	y 48:27	1.27	45.6		*	2.5	*	0.983	0.978-0.988
Hepta	PCB-172	7.05e+07	1.05	y 48:55	1.39	46.2		*	2.5	*	0.993	0.987-0.997
Hepta	PCB-192	9.36e+07	1.04	y 49:06	1.80	47.1		*	2.5	*	0.996	0.991-1.001
Hepta	PCB-180	7.57e+07	1.03	y 49:19	1.52	45.3		*	2.5	*	1.001	0.995-1.005

Analyst: DB

Date: 3/21/18

Client ID: PCB CS3 17L3006 Filename: 180314E1 S:1 Acq:14-MAR-18 11:43:52 ConCal: ST180314E1-1
Lab ID: ST180314E1-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hepta	PCB-193	8.50e+07	1.04	y 49:30	1.71	45.1		*	2.5	*	1.004	0.999-1.009
Hepta	PCB-191	8.86e+07	1.05	y 49:46	1.74	46.3		*	2.5	*	1.010	1.005-1.015
Hepta	PCB-170	6.27e+07	1.03	y 50:54	1.44	46.1		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-190	8.58e+07	1.02	y 51:05	1.95	46.4		*	2.5	*	1.004	0.999-1.009
Hepta	PCB-189	8.32e+07	1.02	y 52:31	1.46	44.9		*	2.5	*	1.000	0.995-1.005
Octa	PCB-202	8.94e+07	0.89	y 48:14	1.06	44.5		*	2.5	*	1.000	0.995-1.005
Octa	PCB-201	8.16e+07	0.90	y 48:43	0.98	44.0		*	2.5	*	1.010	1.006-1.016
Octa	PCB-204	8.88e+07	0.89	y 48:52	1.07	43.7		*	2.5	*	1.013	1.009-1.019
Octa	PCB-197	8.73e+07	0.89	y 49:11	1.10	41.9		*	2.5	*	1.020	1.015-1.025
Octa	PCB-200	8.45e+07	0.89	y 50:05	1.04	42.7		*	2.5	*	1.039	1.034-1.044
Octa	PCB-198	6.37e+07	0.89	y 51:33	0.84	40.0		*	2.5	*	1.069	1.065-1.075
Octa	PCB-199	6.57e+07	0.90	y 51:40	0.80	43.4		*	2.5	*	1.072	1.067-1.077
Octa	PCB-196/203	1.35e+08	0.90	y 51:57	0.84	84.5		*	2.5	*	1.077	1.072-1.082
Octa	PCB-195	4.60e+07	0.91	y 53:11	1.04	46.6		*	2.5	*	0.984	0.979-0.989
Octa	PCB-194	4.96e+07	0.90	y 54:05	1.16	45.0		*	2.5	*	1.000	0.995-1.005
Octa	PCB-205	6.01e+07	0.91	y 54:21	1.33	47.4		*	2.5	*	1.005	1.000-1.010
Nona	PCB-208	6.48e+07	1.32	y 53:20	0.90	47.3		*	2.5	*	1.000	0.995-1.005
Nona	PCB-207	6.54e+07	1.32	y 53:39	0.89	48.1		*	2.5	*	1.006	1.001-1.011
Nona	PCB-206	4.92e+07	1.31	y 55:38	0.88	47.8		*	2.5	*	1.000	0.995-1.005
Deca	PCB-209	6.09e+07	1.18	y 56:57	1.04	44.3		*	2.5	*	1.000	0.995-1.005

Analyst: DB

Date: 3/21/18

Client ID: PCB CS3 17L3006 Filename: 180314E1 S:1 Acq:14-MAR-18 11:43:52 ConCal: ST180314E1-1
Lab ID: ST180314E1-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol:1.0000 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-1	2.63e+08	3.12 y	1.13	15:59	0.618	0.616	0.622	91.8	91.8
13C-PCB-3	2.90e+08	3.10 y	1.21	18:37	0.720	0.716	0.724	94.4	94.4
13C-PCB-4	1.42e+08	1.54 y	0.59	19:58	0.772	0.769	0.777	94.3	94.3
13C-PCB-9	2.33e+08	1.53 y	0.94	21:46	0.842	0.837	0.845	97.6	97.6
13C-PCB-11	2.43e+08	1.53 y	0.95	25:09	0.973	0.968	0.978	101	101
13C-PCB-19	1.75e+08	1.05 y	0.62	24:08	0.934	0.928	0.938	111	111
13C-PCB-28	2.17e+08	1.04 y	1.05	29:02	1.004	0.999	1.009	92.1	92.1
13C-PCB-32	2.67e+08	1.06 y	0.91	27:04	1.047	1.041	1.051	116	116
13C-PCB-37	2.08e+08	1.05 y	1.02	32:54	1.138	1.132	1.144	90.8	90.8
13C-PCB-47	2.05e+08	0.79 y	0.83	31:57	0.871	0.867	0.875	102	102
13C-PCB-52	1.87e+08	0.80 y	0.76	31:26	0.856	0.853	0.861	102	102
13C-PCB-54	2.38e+08	0.78 y	0.93	27:53	0.760	0.756	0.764	106	106
13C-PCB-70	2.54e+08	0.80 y	1.00	35:28	0.966	0.961	0.971	106	106
13C-PCB-77	2.32e+08	0.80 y	0.96	39:35	1.079	1.073	1.083	100	100
13C-PCB-80	2.47e+08	0.79 y	1.00	35:53	0.978	0.973	0.983	102	102
13C-PCB-81	2.48e+08	0.80 y	1.01	38:59	1.062	1.057	1.067	102	102
13C-PCB-95	1.70e+08	1.57 y	0.80	35:45	0.912	0.908	0.918	98.9	98.9
13C-PCB-97	1.49e+08	1.60 y	0.70	38:45	0.989	0.984	0.994	99.3	99.3
13C-PCB-101	1.72e+08	1.61 y	0.80	37:27	0.956	0.951	0.961	100	100
13C-PCB-104	2.11e+08	1.58 y	1.01	32:36	0.832	0.828	0.836	97.7	97.7
13C-PCB-105	1.48e+08	1.58 y	1.14	43:01	0.929	0.924	0.934	93.2	93.2
13C-PCB-114	1.51e+08	1.58 y	1.18	42:09	0.910	0.905	0.915	91.8	91.8
13C-PCB-118	2.10e+08	1.61 y	1.00	41:30	1.059	1.054	1.064	98.6	98.6
13C-PCB-123	2.05e+08	1.56 y	0.95	41:18	1.054	1.049	1.059	101	101
13C-PCB-126	1.46e+08	1.58 y	1.14	45:15	0.977	0.972	0.982	92.4	92.4
13C-PCB-127	1.62e+08	1.57 y	1.24	43:21	0.936	0.931	0.941	93.7	93.7
13C-PCB-138	1.63e+08	1.25 y	1.17	44:45	0.967	0.962	0.972	100	100
13C-PCB-141	1.57e+08	1.28 y	1.11	43:55	0.949	0.944	0.954	102	102
13C-PCB-153	1.85e+08	1.25 y	1.34	43:10	0.932	0.928	0.938	99.9	99.9
13C-PCB-155	2.37e+08	1.27 y	0.83	36:59	0.944	0.939	0.949	134	134
13C-PCB-156	1.93e+08	1.28 y	1.38	48:00	1.037	1.032	1.042	100	100
13C-PCB-157	1.92e+08	1.27 y	1.37	48:16	1.042	1.037	1.047	101	101
13C-PCB-159	1.94e+08	1.26 y	1.39	46:02	0.994	0.989	0.999	101	101
13C-PCB-167	1.96e+08	1.27 y	1.40	46:43	1.009	1.004	1.014	101	101
13C-PCB-169	1.88e+08	1.27 y	1.39	50:28	1.090	1.085	1.095	97.3	97.3
13C-PCB-170	9.47e+07	0.47 y	0.86	50:53	1.103	1.097	1.109	97.7	97.7
13C-PCB-180	1.10e+08	0.47 y	0.98	49:17	1.068	1.064	1.074	99.8	99.8
13C-PCB-188	1.59e+08	0.46 y	1.40	42:48	0.928	0.923	0.933	101	101
13C-PCB-189	1.27e+08	0.46 y	1.15	52:30	1.138	1.132	1.144	98.0	98.0
13C-PCB-194	9.53e+07	0.91 y	0.77	54:04	0.995	0.990	1.000	96.8	96.8
13C-PCB-202	1.90e+08	0.91 y	1.28	48:13	1.045	1.040	1.050	131	131
13C-PCB-206	1.17e+08	0.79 y	0.81	55:37	1.024	1.019	1.029	113	113
13C-PCB-208	1.53e+08	0.77 y	1.09	53:19	0.981	0.977	0.987	109	109
13C-PCB-209	1.32e+08	1.20 y	0.74	56:56	1.048	1.043	1.053	140	140

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	2.59e+08	0.79 y	1.03	37:46	1.029	1.024	1.034	104	104
13C-PCB-178	1.03e+08	0.46 y	0.93	45:35	0.985	0.980	0.990	98.2	98.2

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	2.59e+08	0.79 y	1.03	37:46	0.969	0.963	0.973	102	102
13C-PCB-178	1.03e+08	0.46 y	0.95	45:35	0.925	0.920	0.930	98.3	98.3

RS

Name	Resp	RA	RRF	RT	Conc
13C-PCB-15	2.54e+08	1.51 y	1.00	25:51	100
13C-PCB-31	2.25e+08	1.04 y	1.00	28:55	100
13C-PCB-60	2.41e+08	0.79 y	1.00	36:42	100
13C-PCB-111	2.14e+08	1.60 y	1.00	39:11	100
13C-PCB-128	1.39e+08	1.27 y	1.00	46:18	100
13C-PCB-182	1.13e+08	0.46 y	1.00	46:08	100
13C-PCB-205	1.28e+08	0.90 y	1.00	54:20	100

Analyst: DB

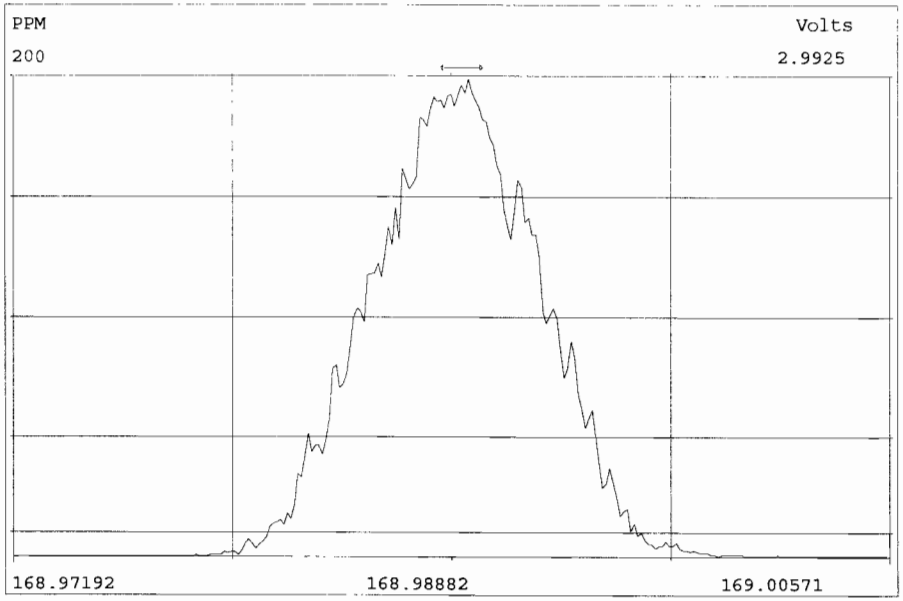
Date: 3/21/18

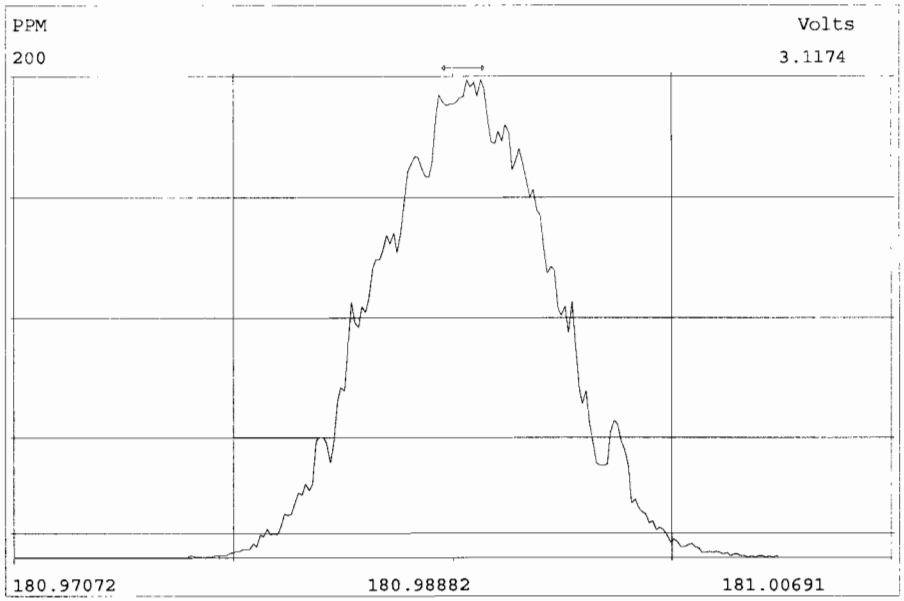
Vista Analytical Laboratory - Injection Log Run file: 180314E1 Instrument ID: VG 8 GC Column ID: ZB-1

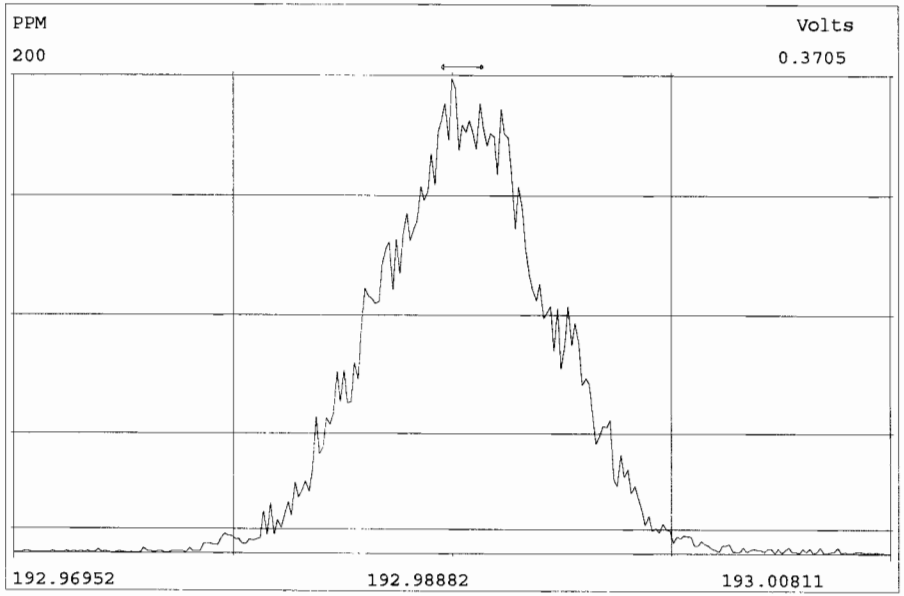
Data file	S#	Sample ID	Analyst	Acq date	Acq time	CCal	ECal
180314E1	1	ST180314E1-1	MAS	14-MAR-18	11:43:52	ST180314E1-1	NA
180314E1	2	B8C0062-BS2	MAS	14-MAR-18	12:49:06	ST180314E1-1	NA
180314E1	3	B8C0062-BS3	MAS	14-MAR-18	13:54:18	ST180314E1-1	NA
180314E1	4	B8C0062-BS4	MAS	14-MAR-18	14:59:32	ST180314E1-1	NA
180314E1	5	B8C0062-BS5	MAS	14-MAR-18	16:04:45	ST180314E1-1	NA
180314E1	6	B8C0074-BS1	MAS	14-MAR-18	17:09:59	ST180314E1-1	NA
180314E1	7	SOLVENT BLANK	MAS	14-MAR-18	18:15:13	ST180314E1-1	NA
180314E1	8	B8C0074-BLK1	MAS	14-MAR-18	19:20:27	ST180314E1-1	NA
180314E1	9	QC180314E1-2	MAS	14-MAR-18	20:25:33	ST180314E1-1	NA
180314E1	10	1701017-01	MAS	14-MAR-18	21:30:45	ST180314E1-1	NA
180314E1	11	1701017-02	MAS	14-MAR-18	22:36:01	ST180314E1-1	NA
180314E1	12	SOLVENT BLANK	MAS	14-MAR-18	23:41:15	ST180314E1-1	NA
180314E1	13	QC180314E1-1	MAS	15-MAR-18	00:46:28	ST180314E1-1	NA

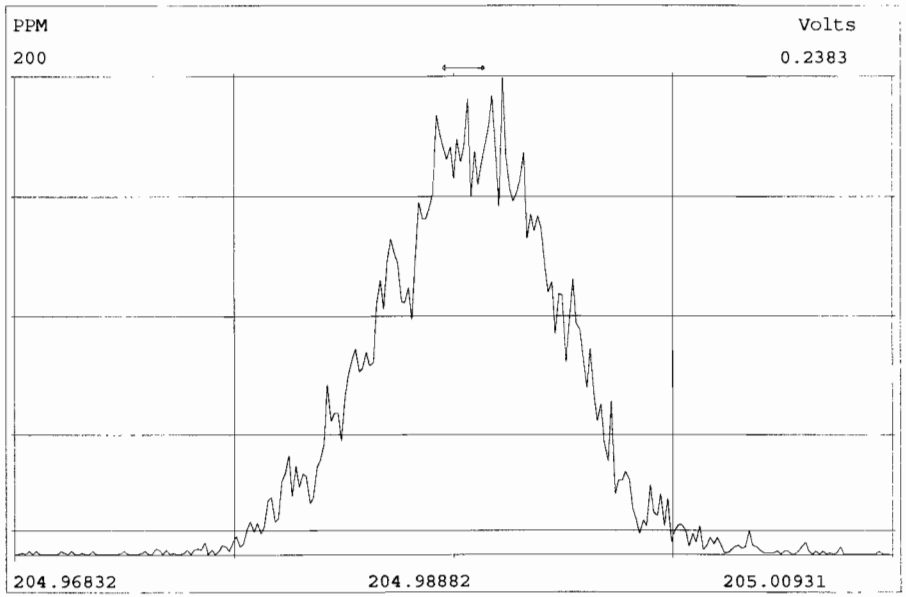
Peak Locate Examination:14-MAR-2018:11:41 File:180314E1

Experiment:PCB_ZB1 Function:1 Reference:PFK



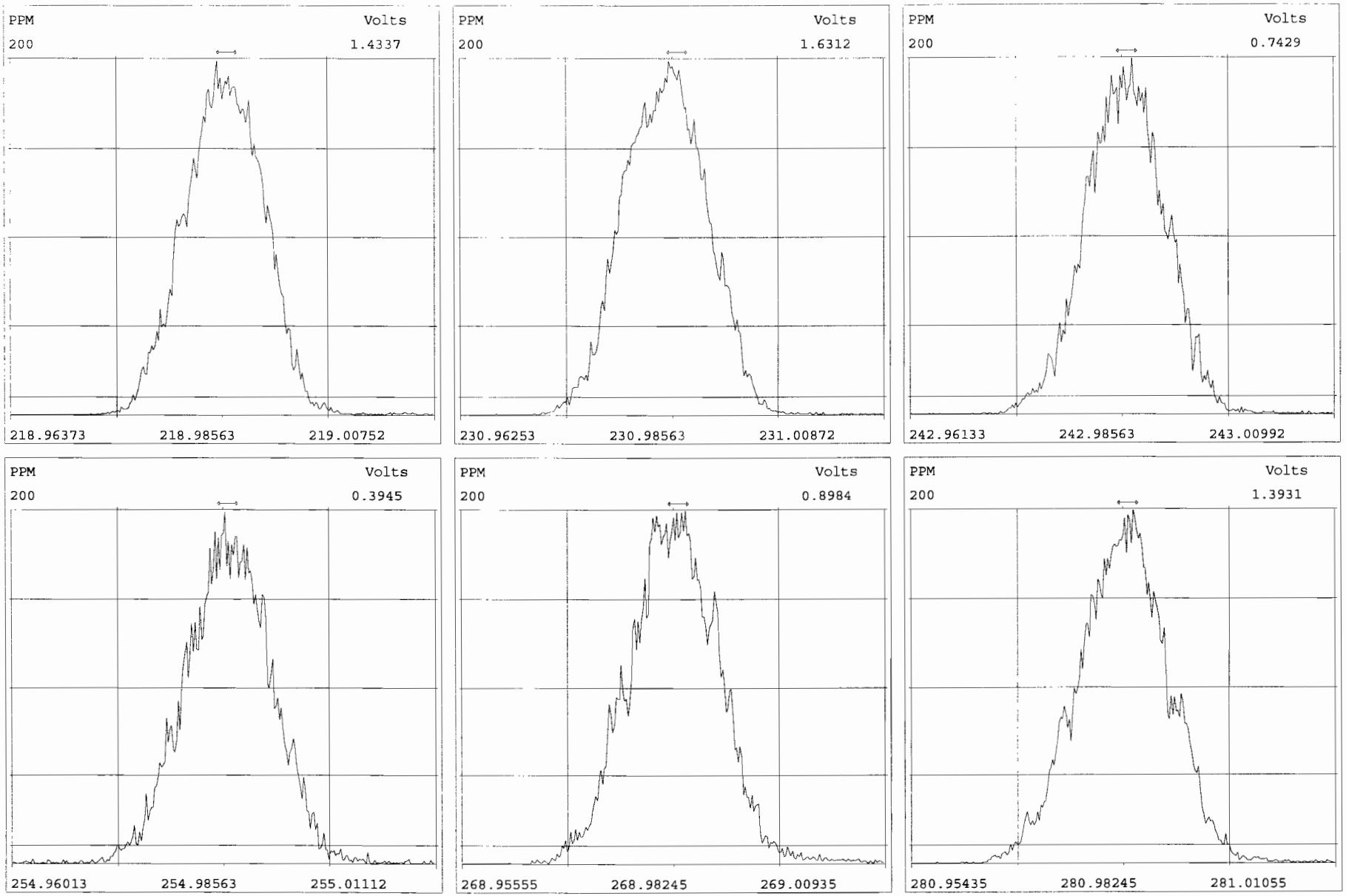






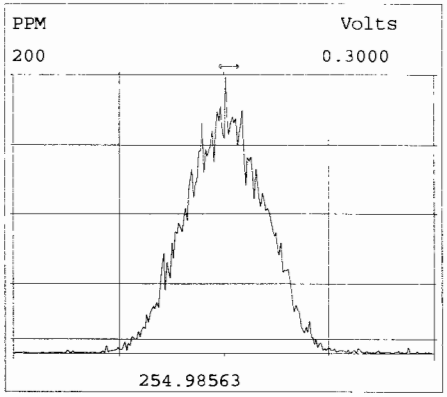
Peak Locate Examination:14-MAR-2018:11:42 File:180314E1

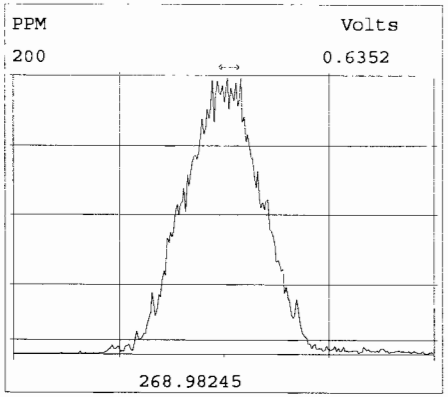
Experiment:PCB_ZB1 Function:2 Reference:PFK

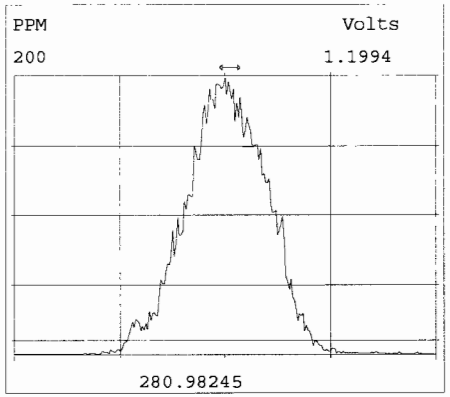


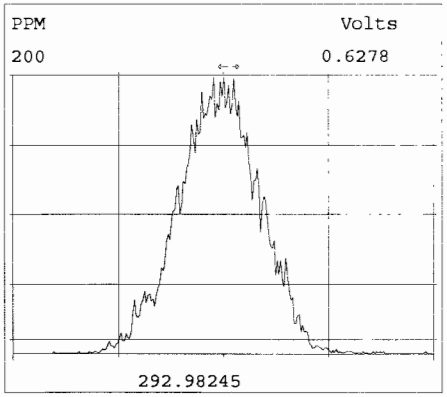
Peak Locate Examination:14-MAR-2018:11:42 File:180314E1

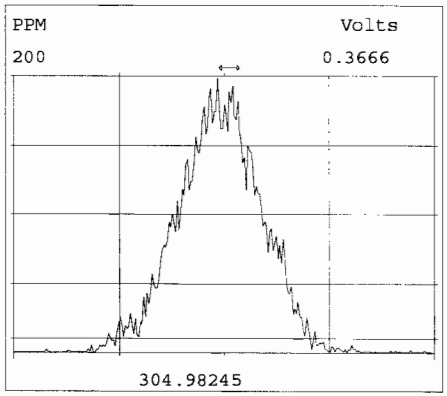
Experiment:PCB_ZB1 Function:3 Reference:PFK

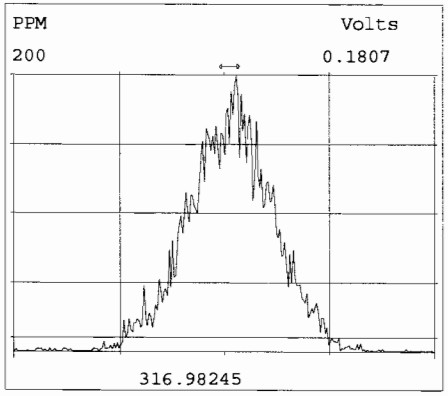


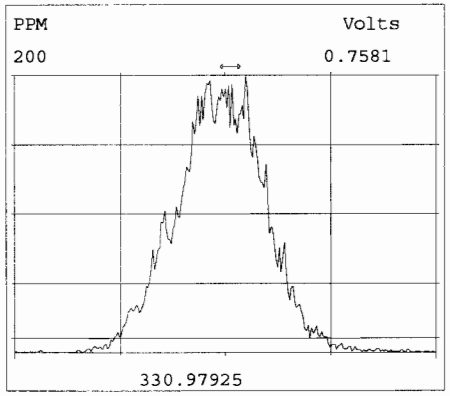


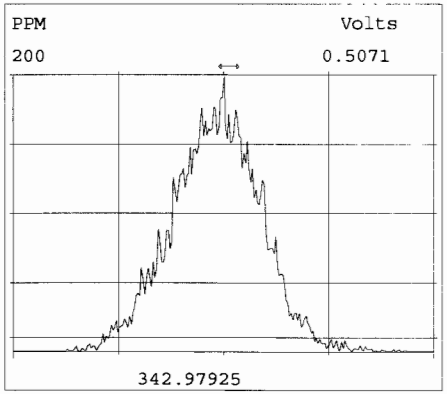


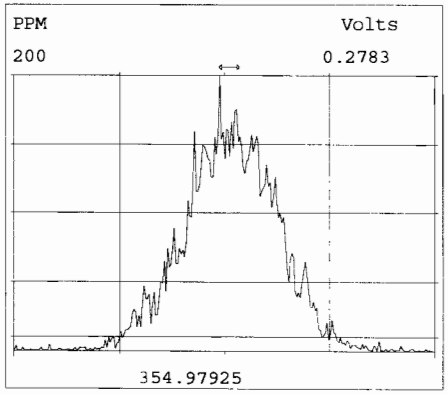


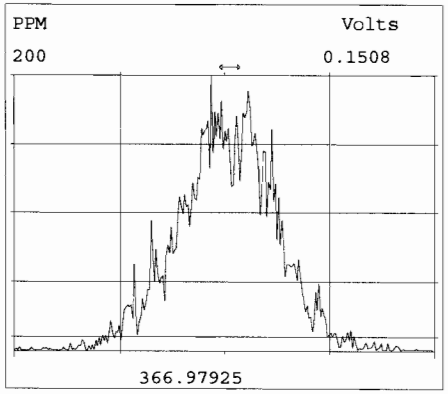


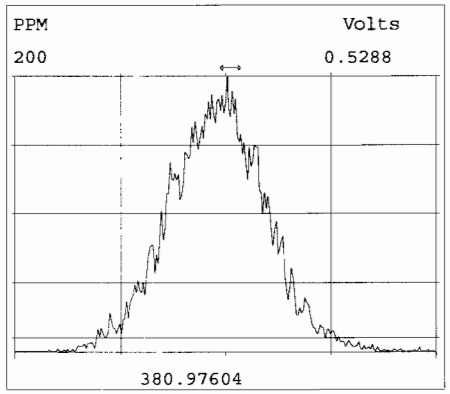






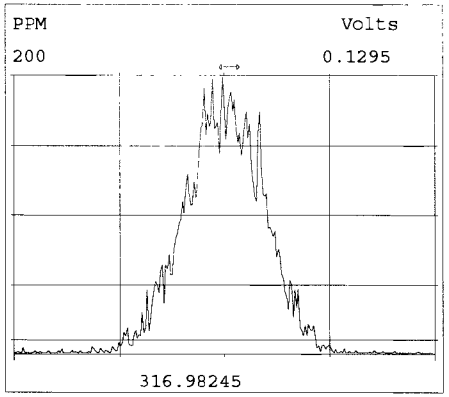


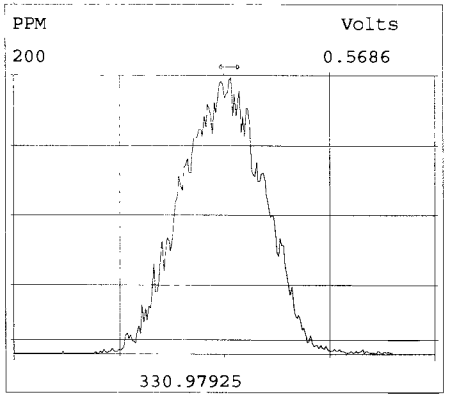


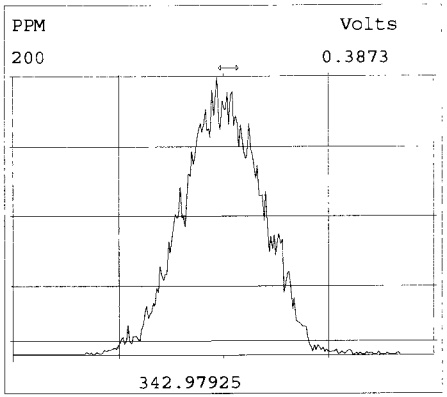


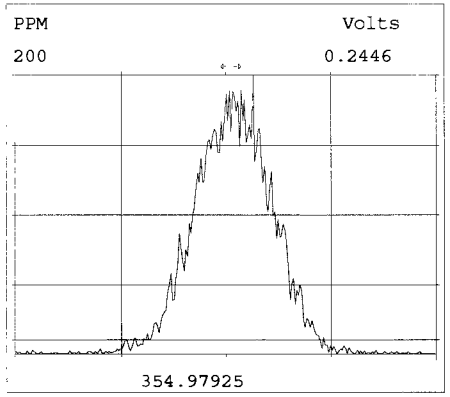
Peak Locate Examination:14-MAR-2018:11:42 File:180314E1

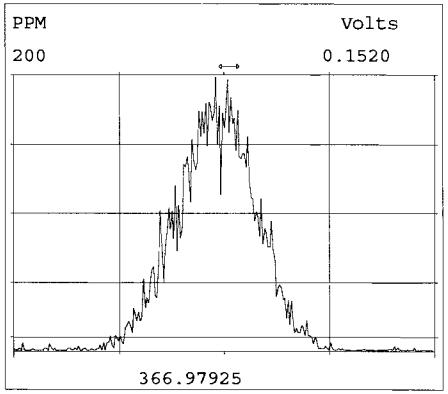
Experiment:PCB_ZB1 Function:4 Reference:PFK

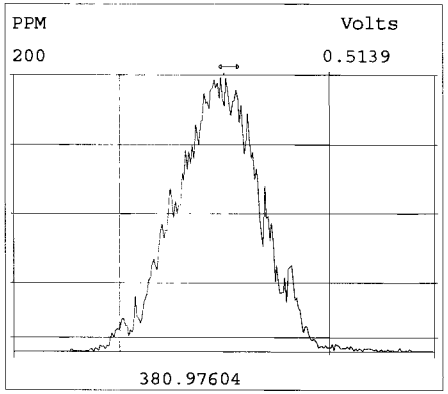


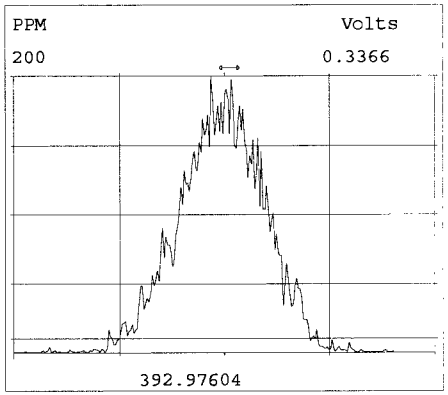


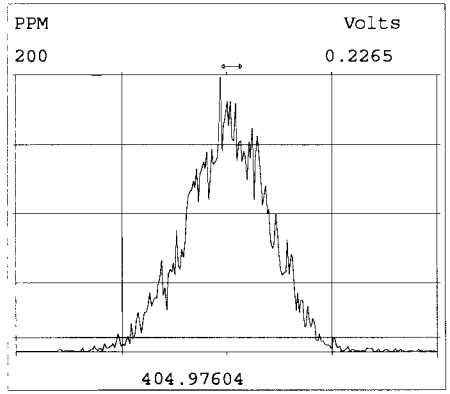


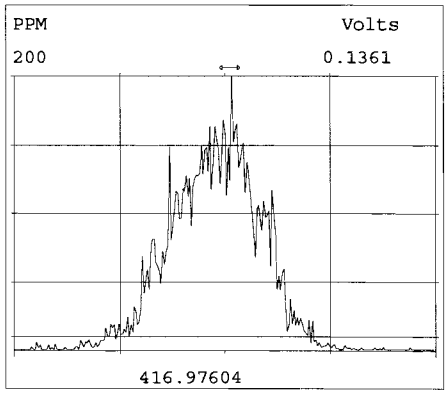


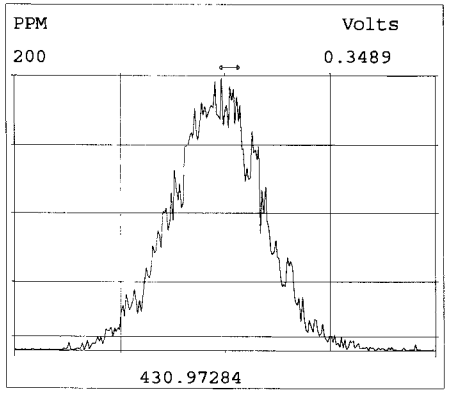


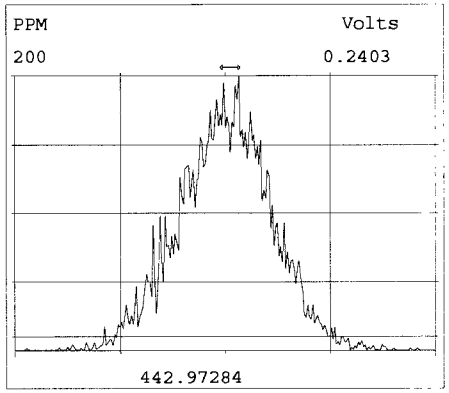






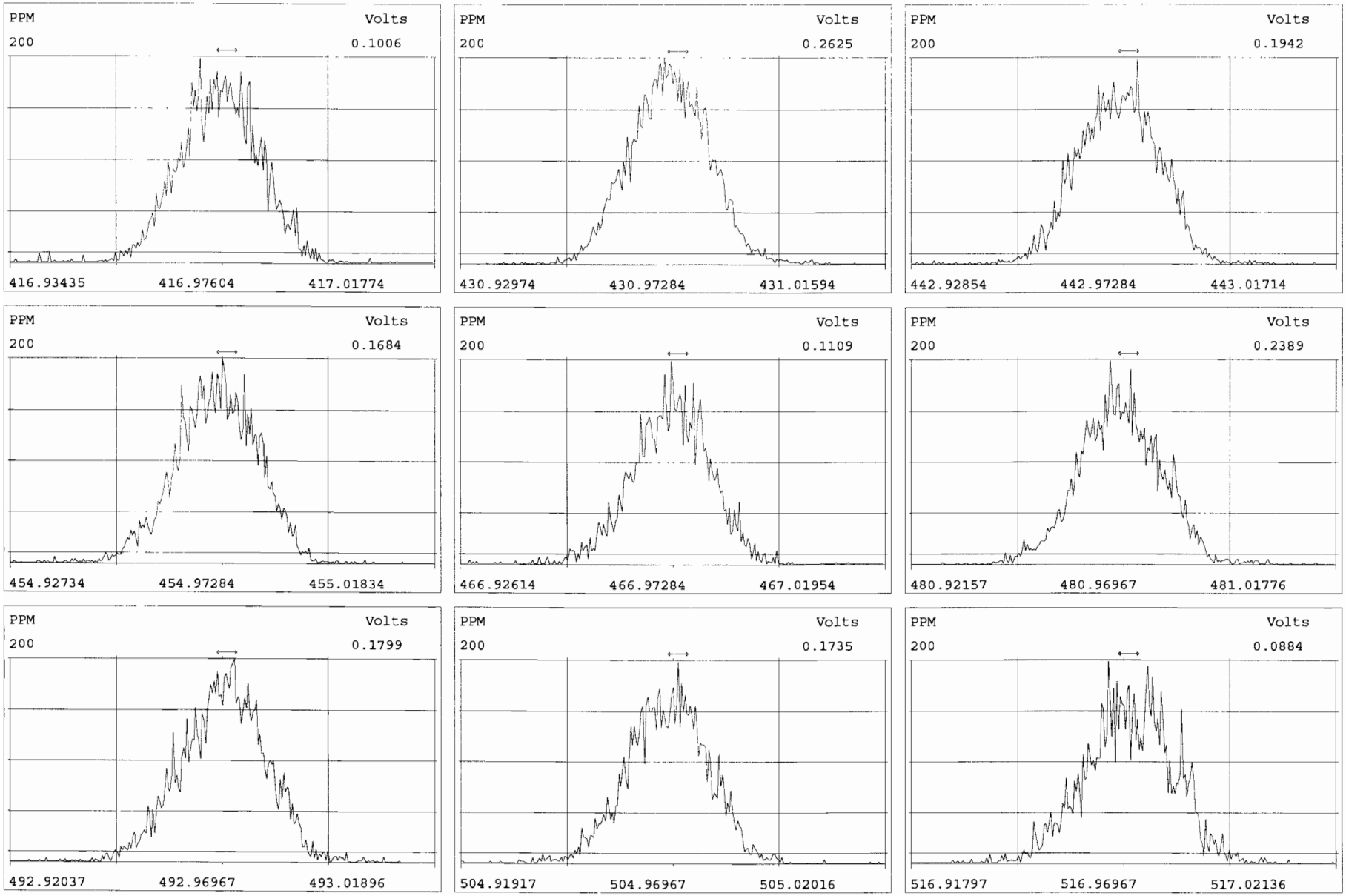






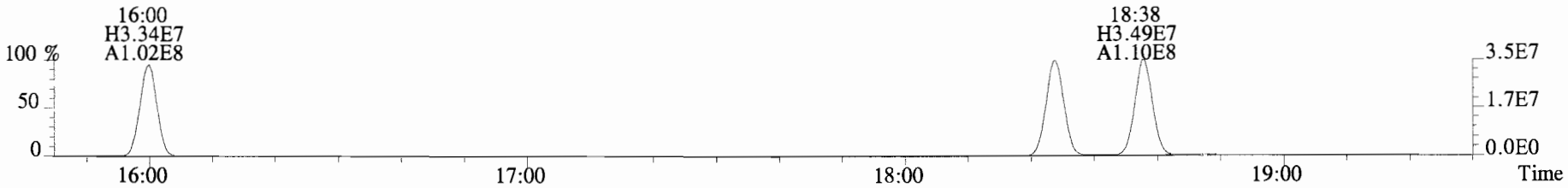
Peak Locate Examination:14-MAR-2018:11:42 File:180314E1

Experiment:PCB_ZB1 Function:5 Reference:PFK

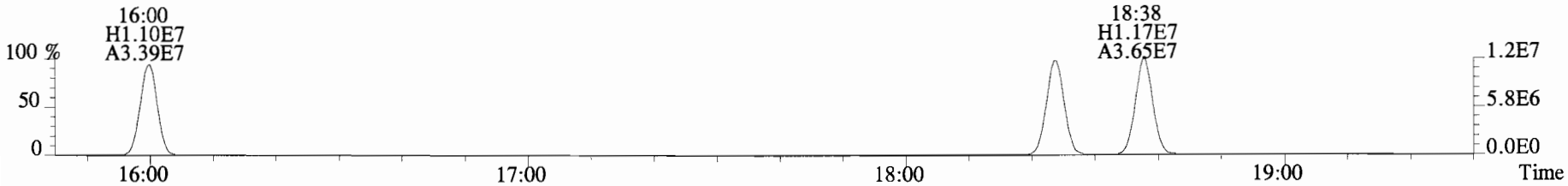


File:180314E1 #1-867 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1

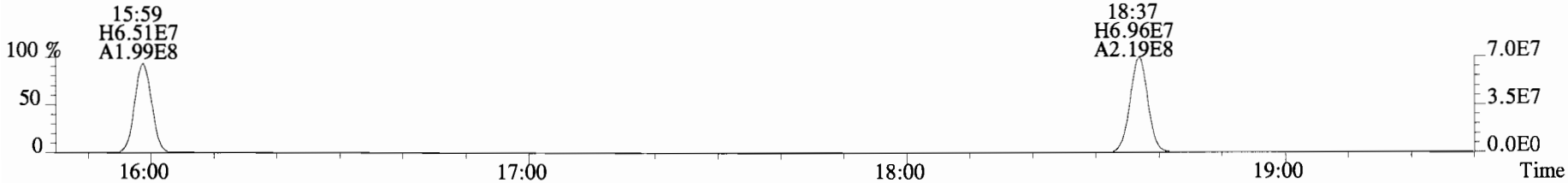
188.0393 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11280.0,0.00%,F,F)



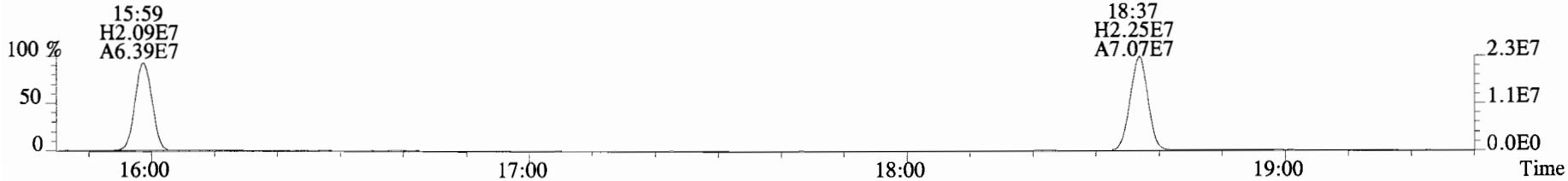
190.0363 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7392.0,0.00%,F,F)



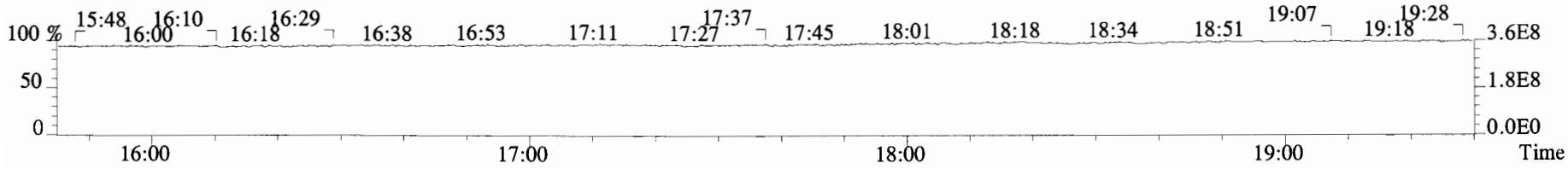
200.0795 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13548.0,0.00%,F,F)



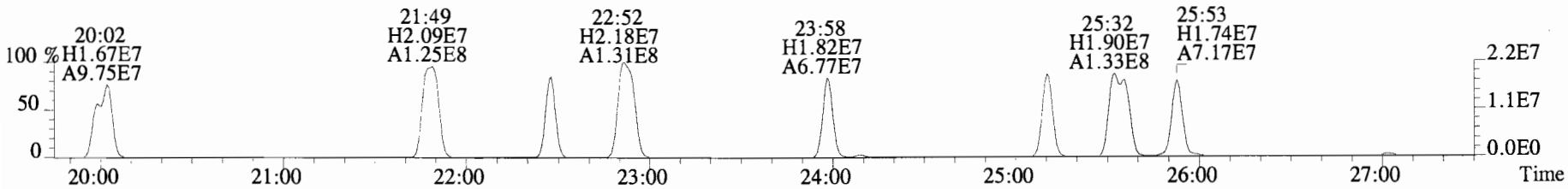
202.0766 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,69724.0,0.00%,F,F)



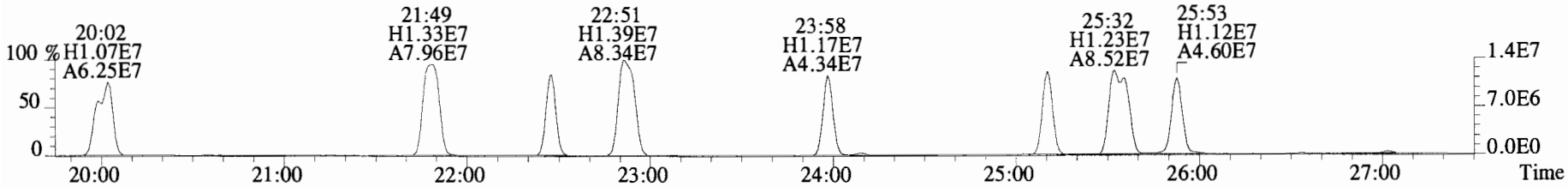
180.9880



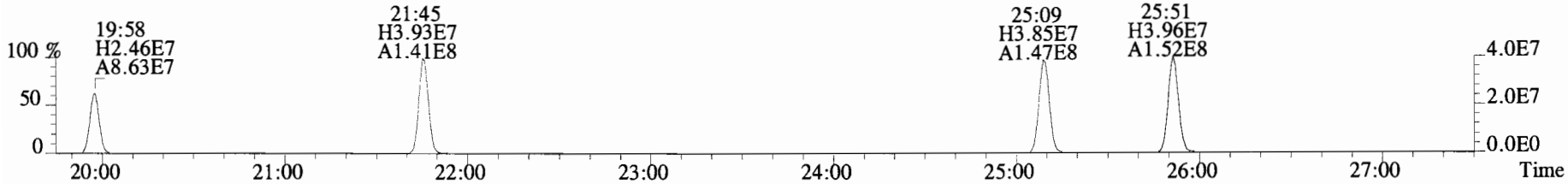
File:180314E1 #1-757 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
222.0003 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9040.0,0.00%,F,F)



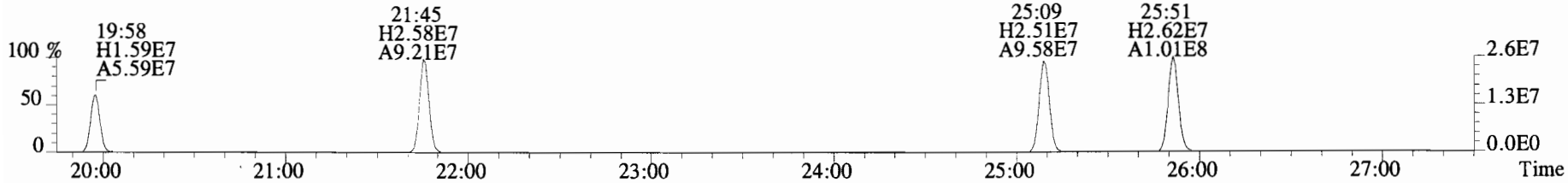
223.9974 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,68804.0,0.00%,F,F)



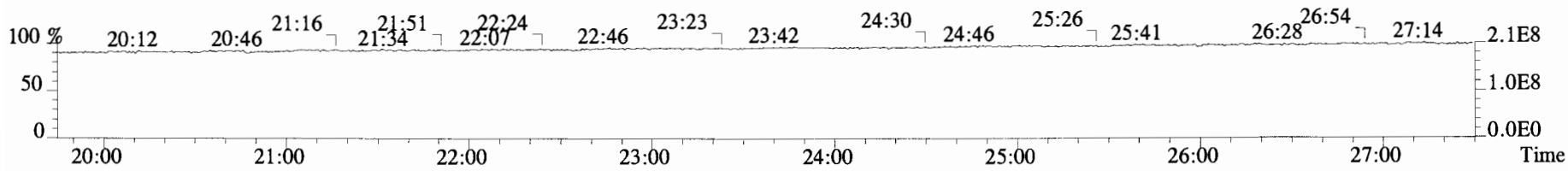
234.0406 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7576.0,0.00%,F,F)



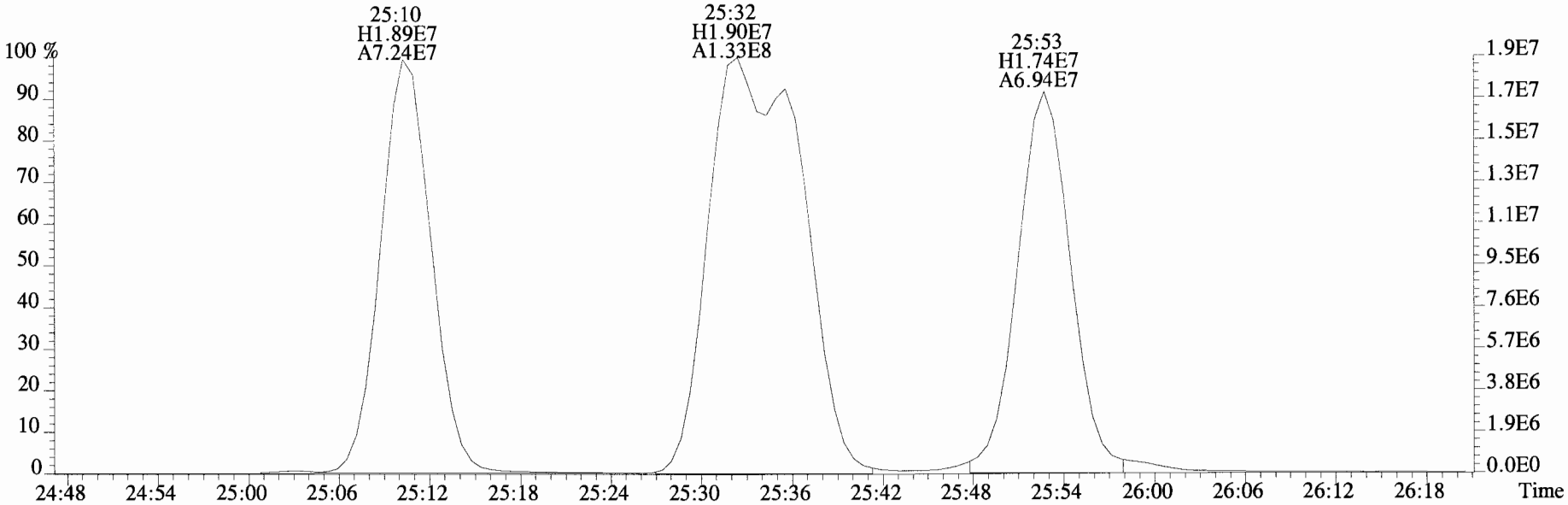
236.0376 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5844.0,0.00%,F,F)



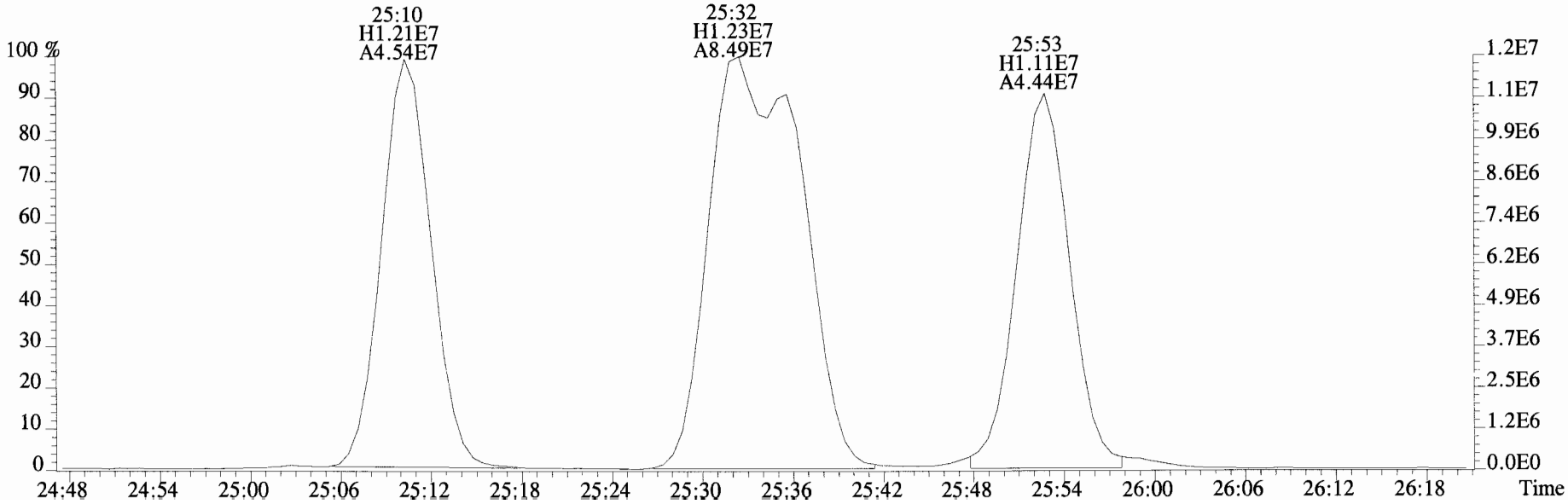
230.9856 F:2



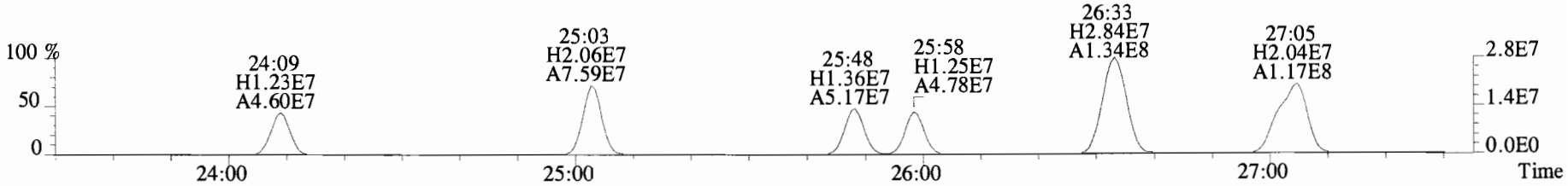
File:180314E1 #1-757 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
222.0003 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9036.0,0.00%,F,F)



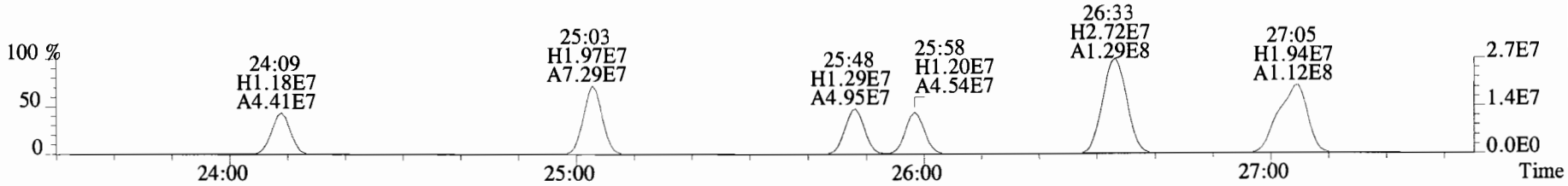
223.9974 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,68804.0,0.00%,F,F)



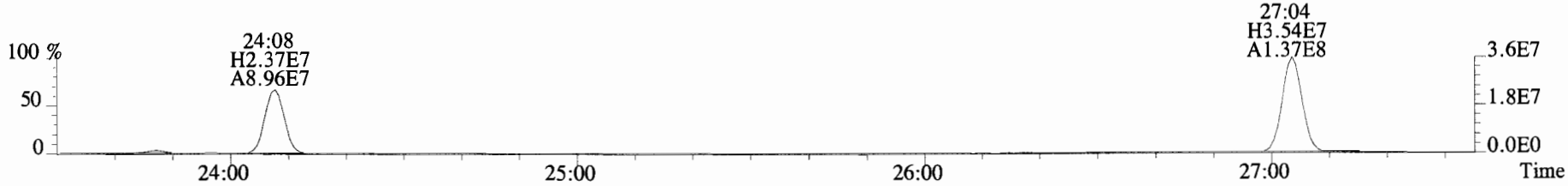
File:180314E1 #1-757 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5564.0,0.00%,F,F)



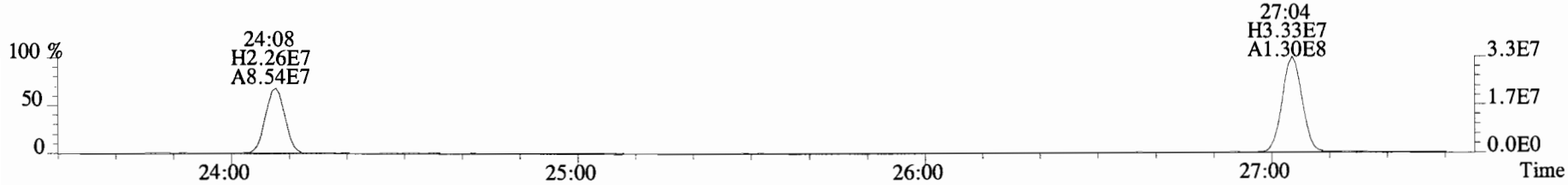
257.9584 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4220.0,0.00%,F,F)



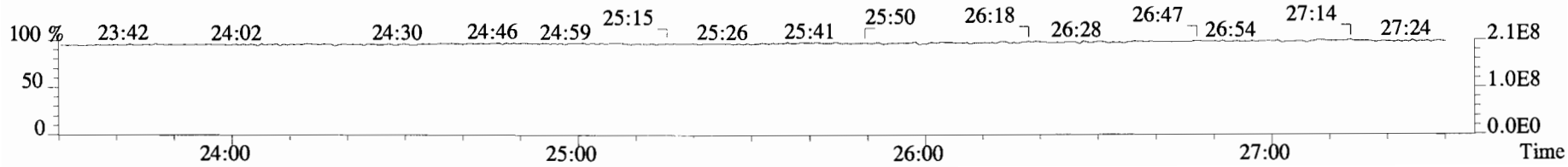
268.0016 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,315572.0,0.00%,F,F)



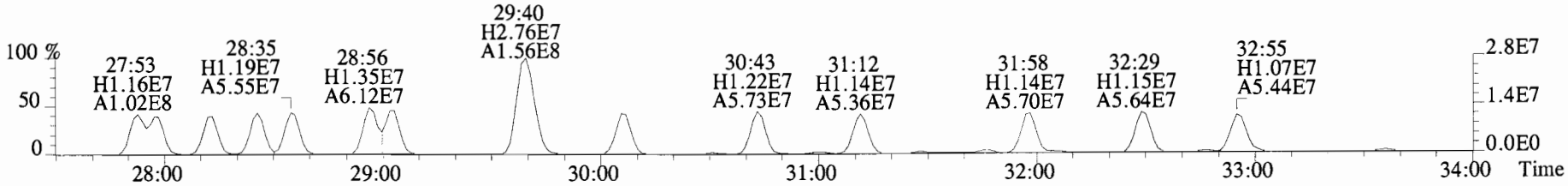
269.9986 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,107852.0,0.00%,F,F)



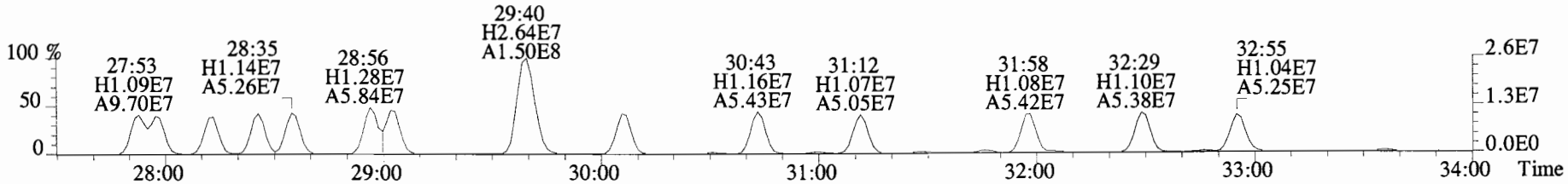
230.9856 F:2



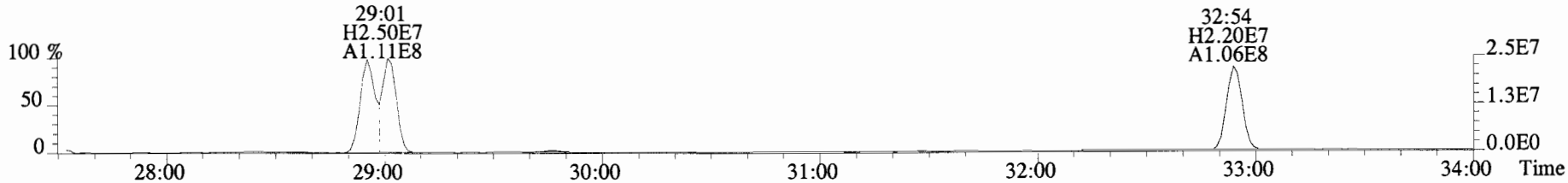
File:180314E1 #1-756 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17716.0,0.00%,F,F)



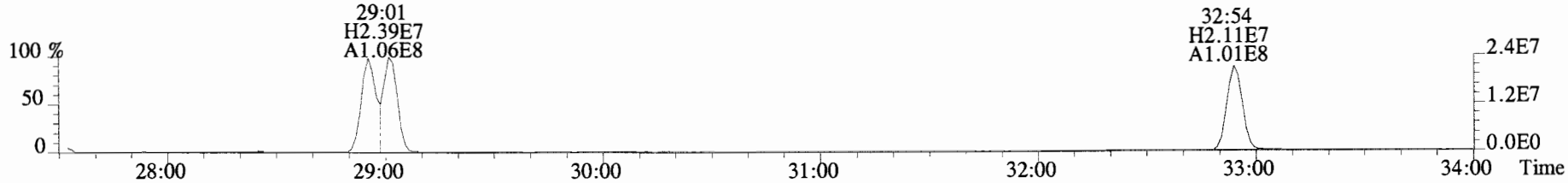
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18960.0,0.00%,F,F)



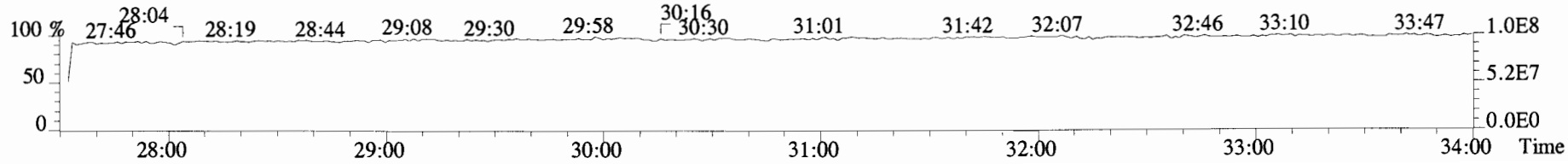
268.0016 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,255348.0,0.00%,F,F)



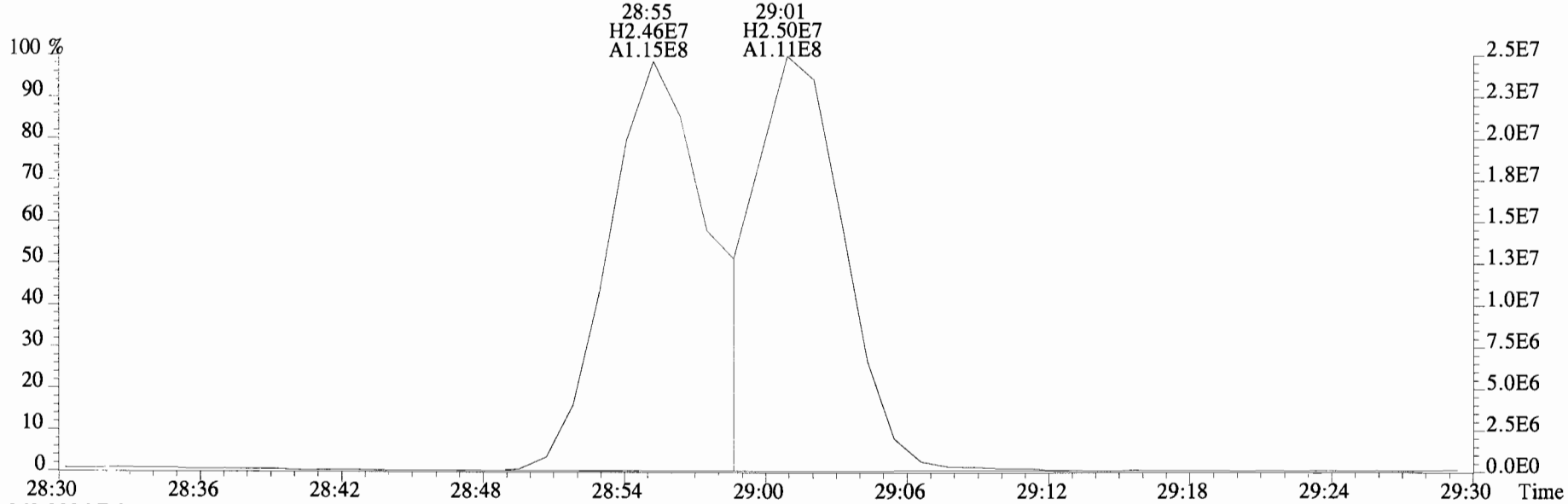
269.9986 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,108408.0,0.00%,F,F)



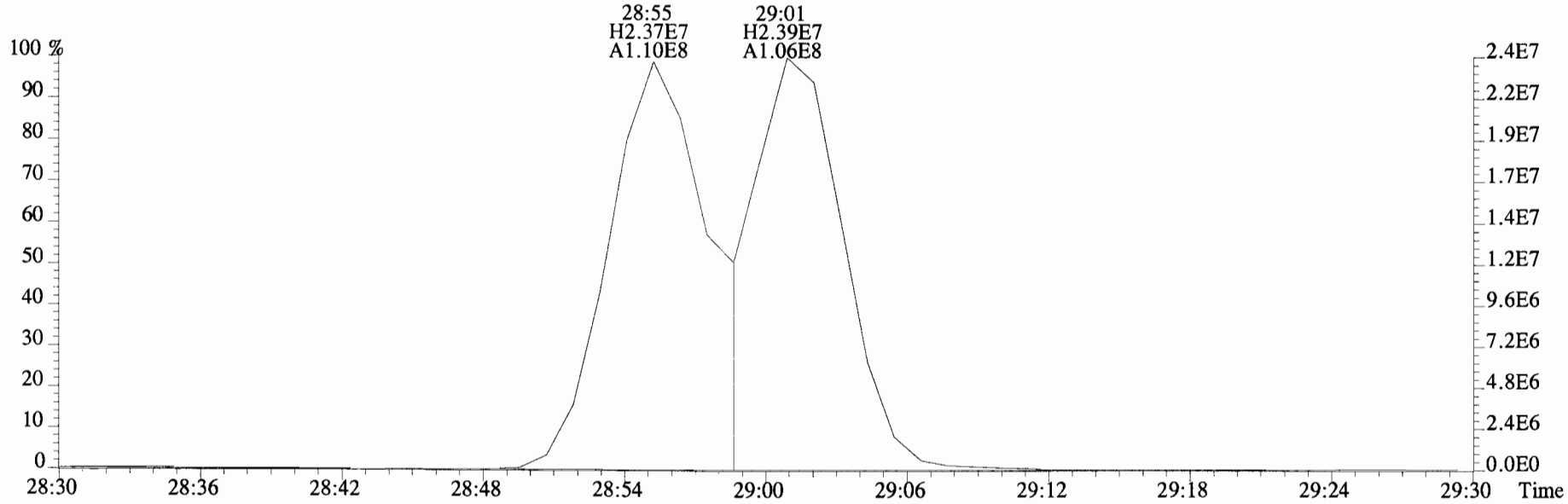
330.9792 F:3



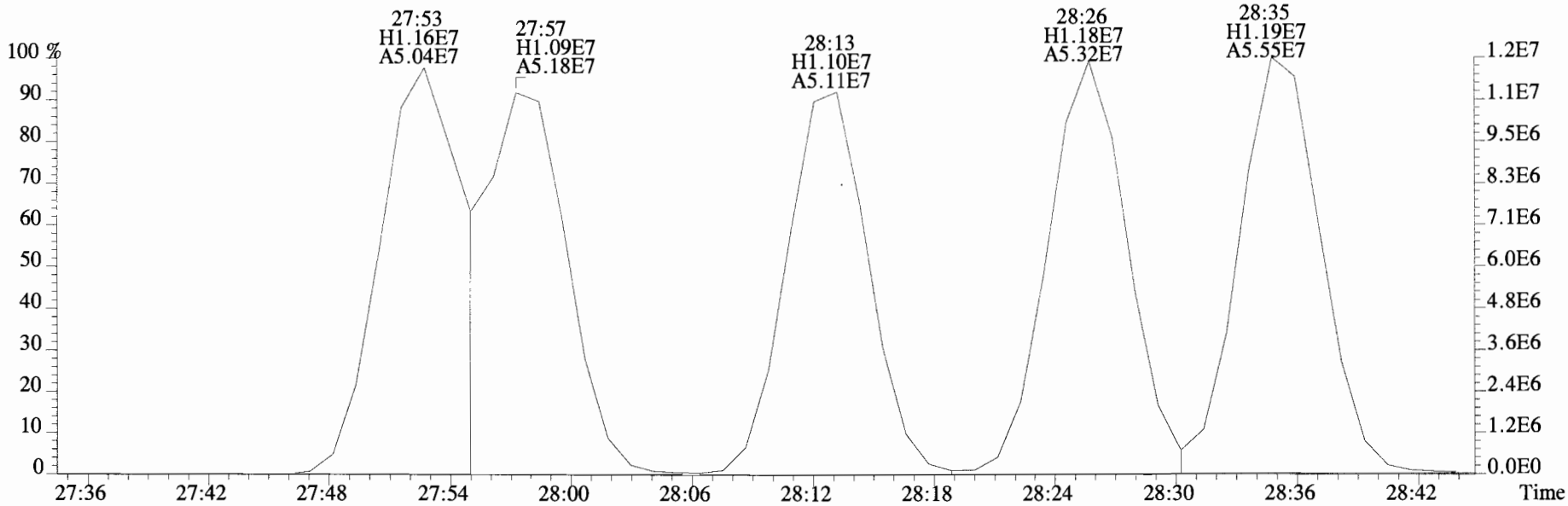
File:180314E1 #1-756 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
268.0016 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,255348.0,0.00%,F,F)



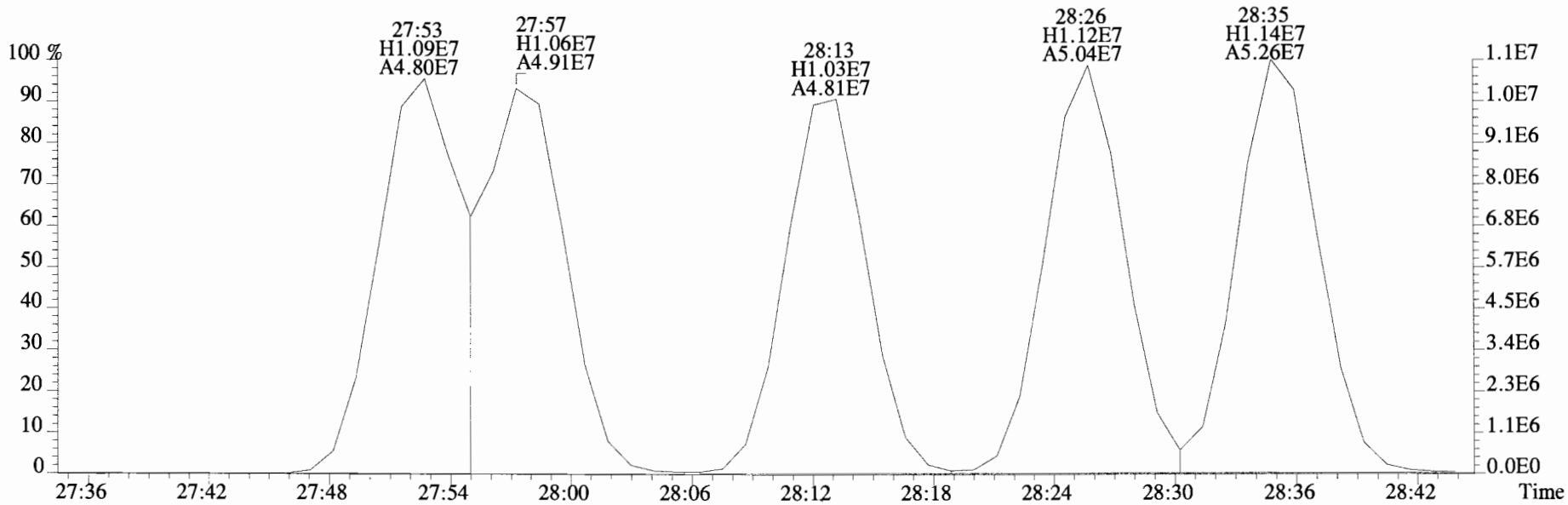
269.9986 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,108408.0,0.00%,F,F)



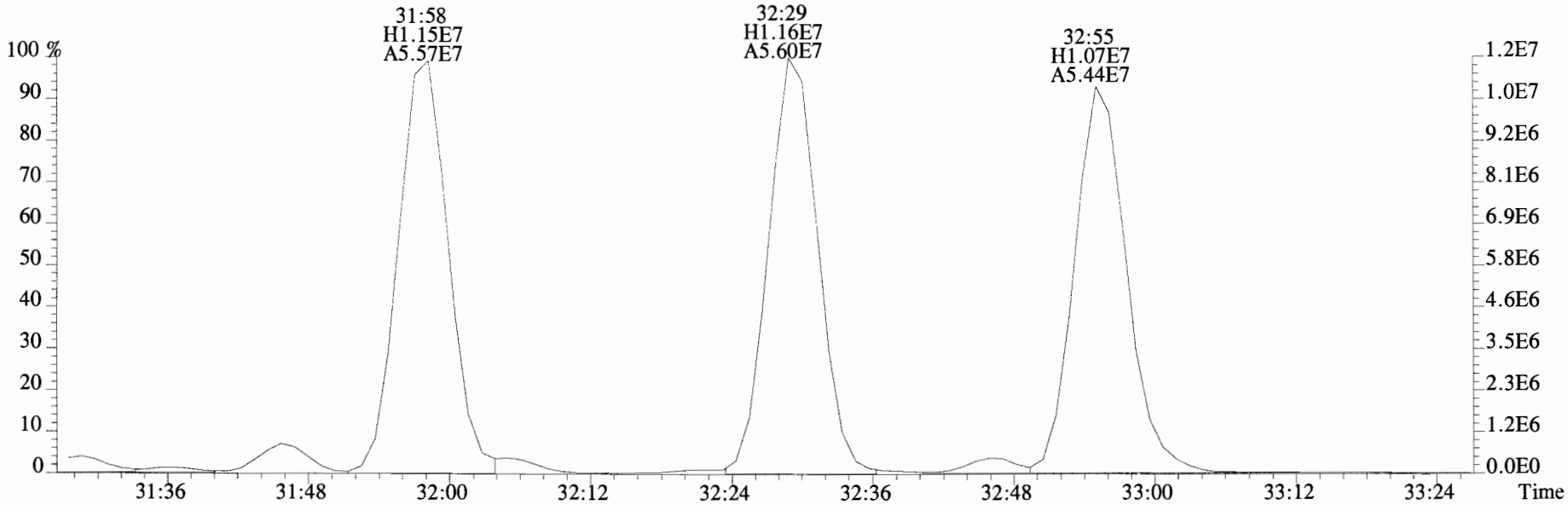
File:180314E1 #1-756 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17720.0,0.00%,F,F)



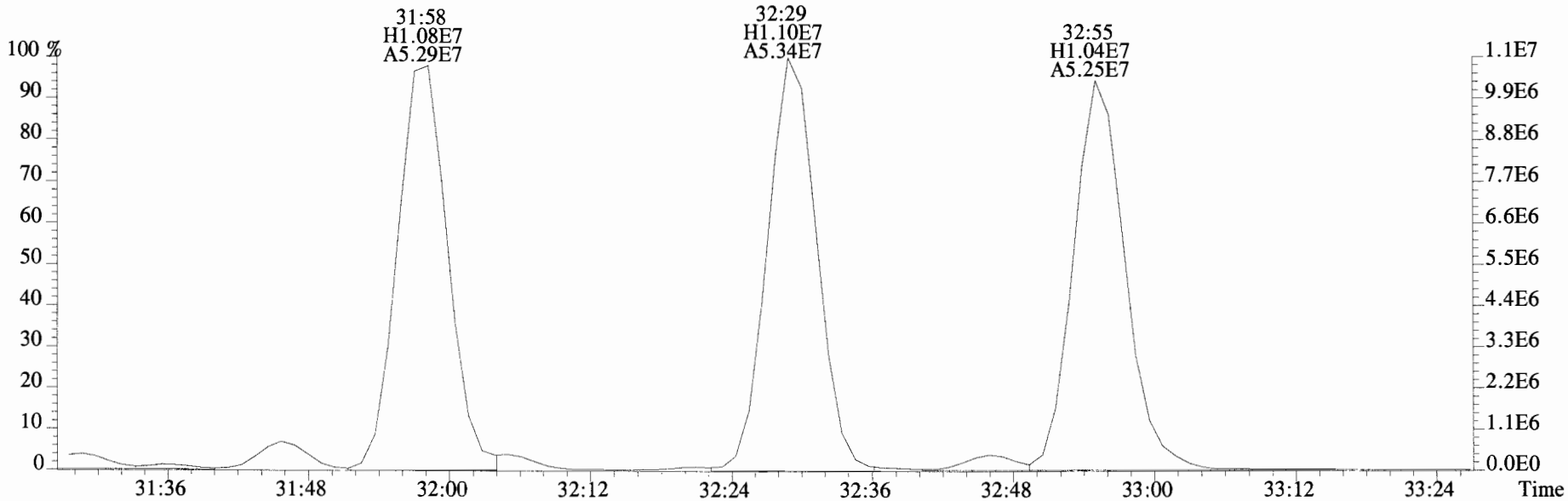
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18960.0,0.00%,F,F)



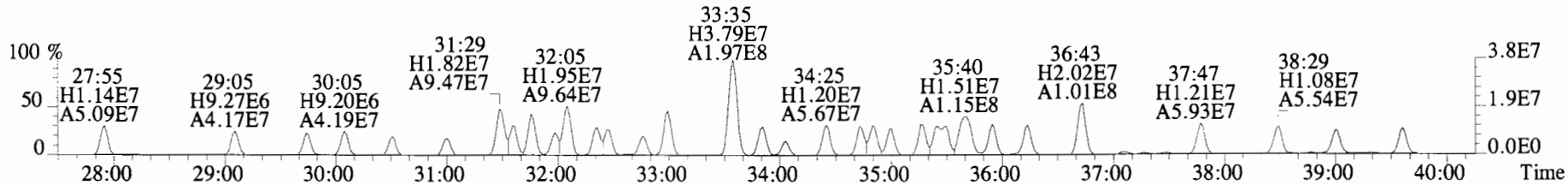
File:180314E1 #1-756 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17720.0,0.00%,F,F)



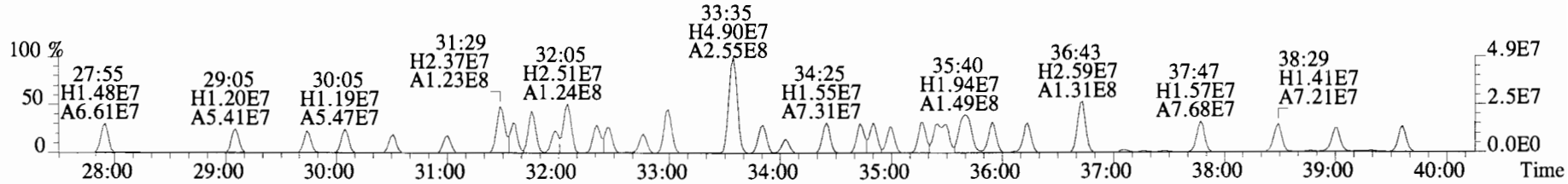
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18960.0,0.00%,F,F)



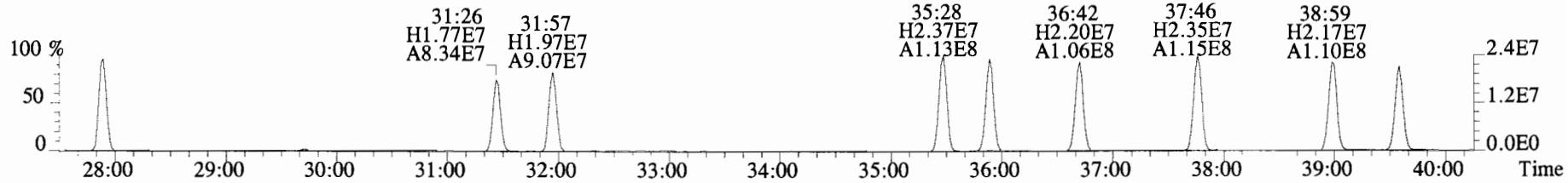
File:180314E1 #1-756 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21260.0,0.00%,F,F)



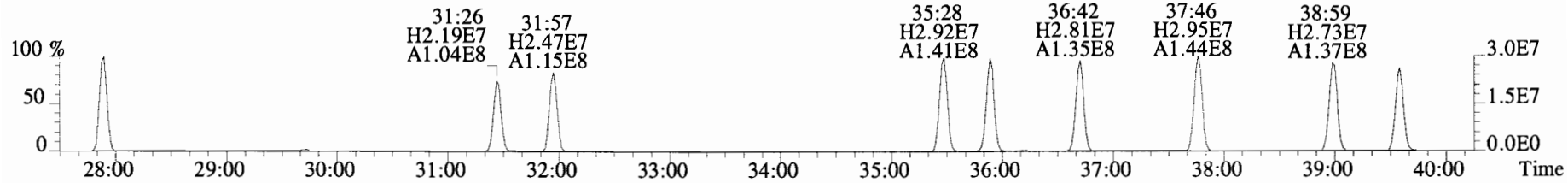
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19100.0,0.00%,F,F)



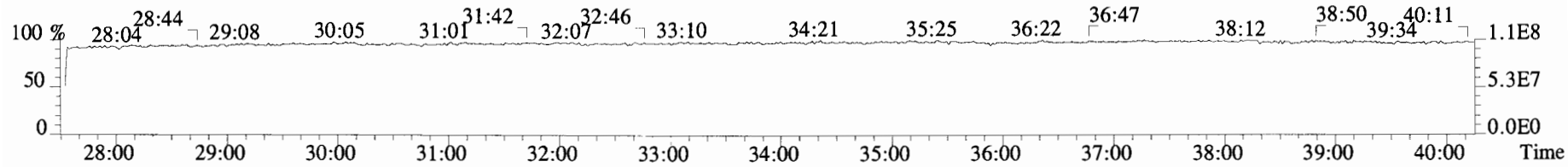
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74132.0,0.00%,F,F)



303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36968.0,0.00%,F,F)

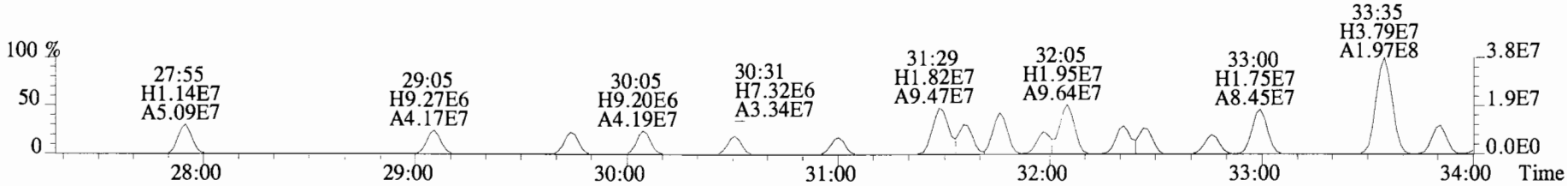


330.9792 F:3

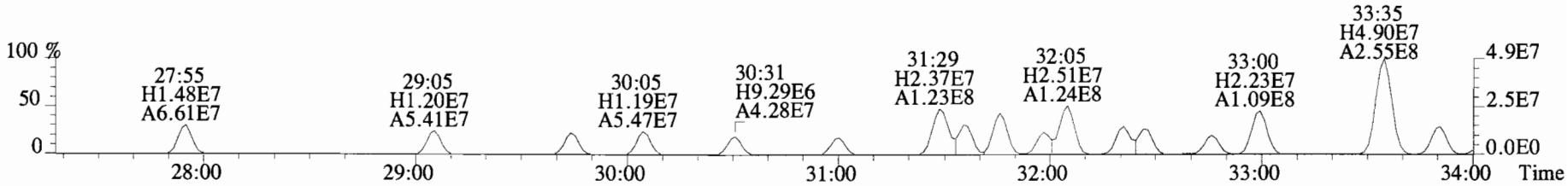


File:180314E1 #1-756 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1

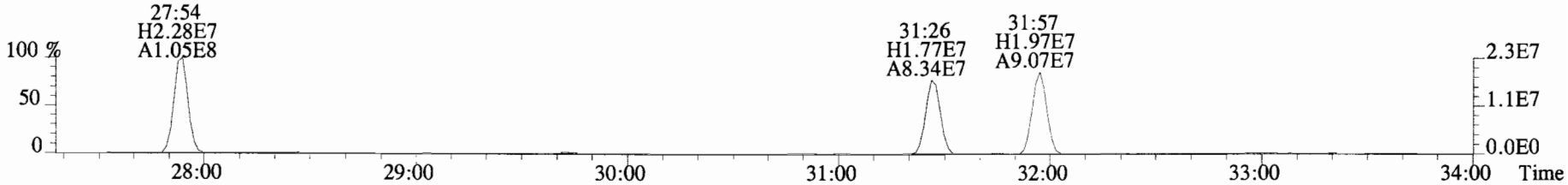
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21260.0,0.00%,F,F)



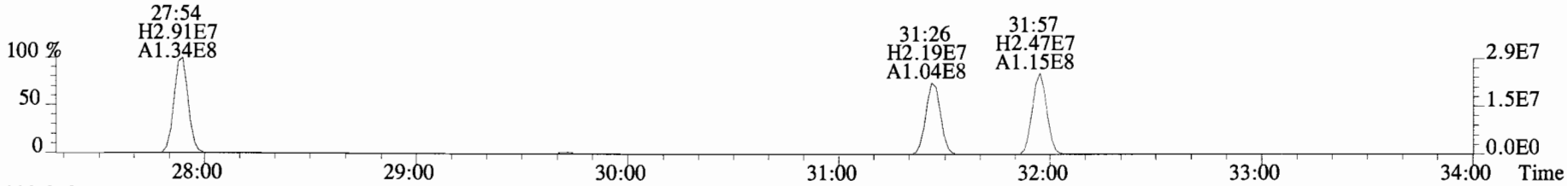
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19100.0,0.00%,F,F)



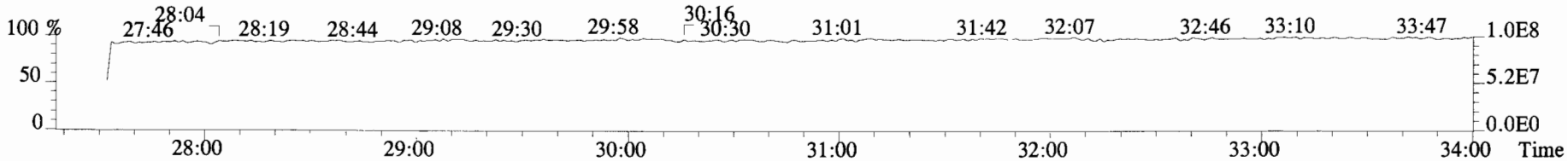
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74132.0,0.00%,F,F)



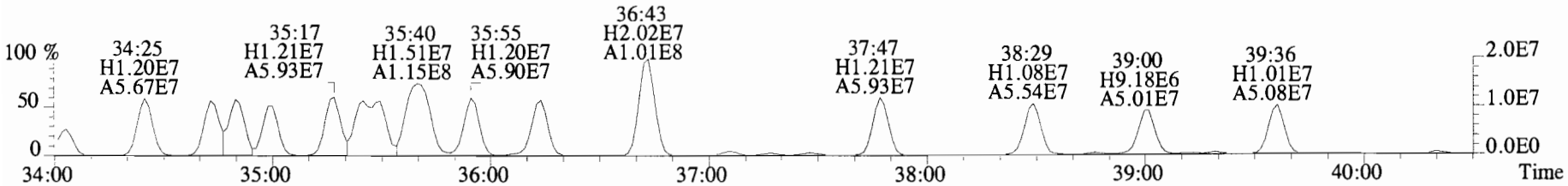
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36968.0,0.00%,F,F)



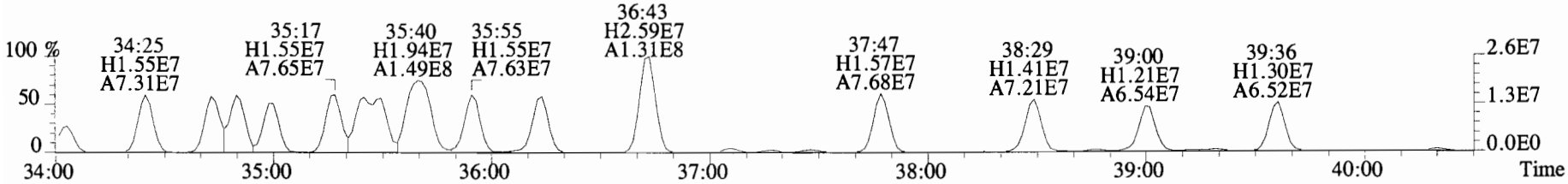
330.9792 F:3



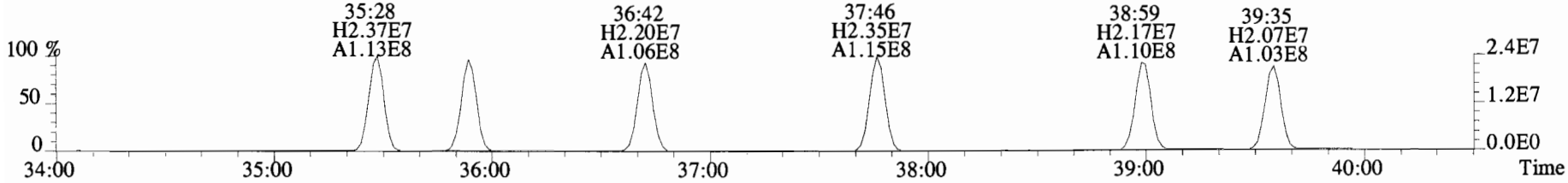
File:180314E1 #1-756 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21260.0,0.00%,F,F)



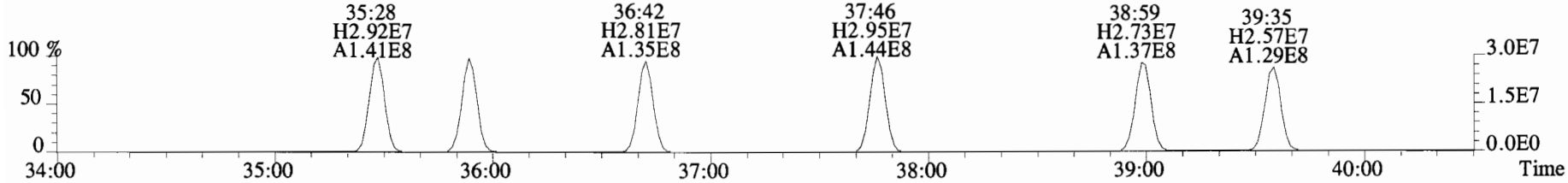
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19100.0,0.00%,F,F)



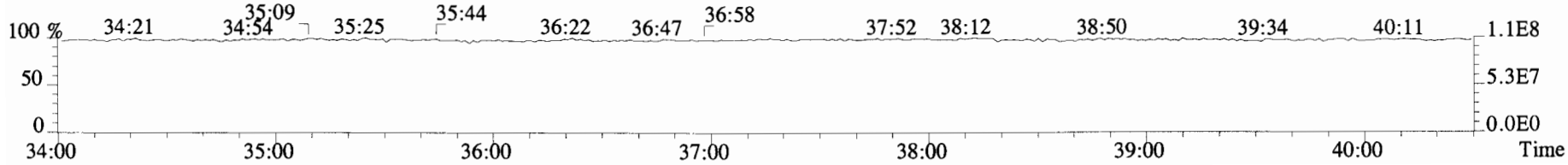
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74132.0,0.00%,F,F)



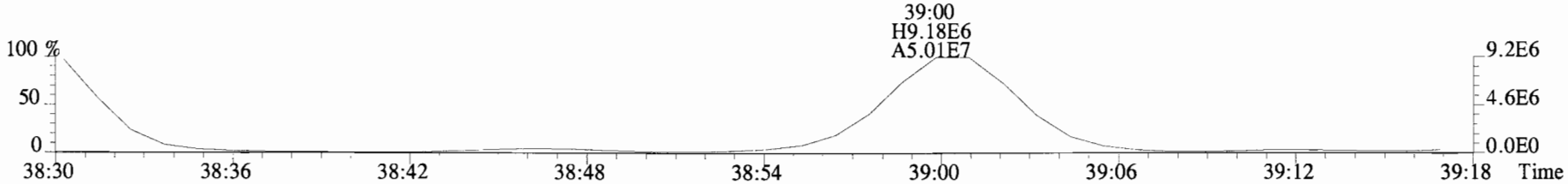
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36968.0,0.00%,F,F)



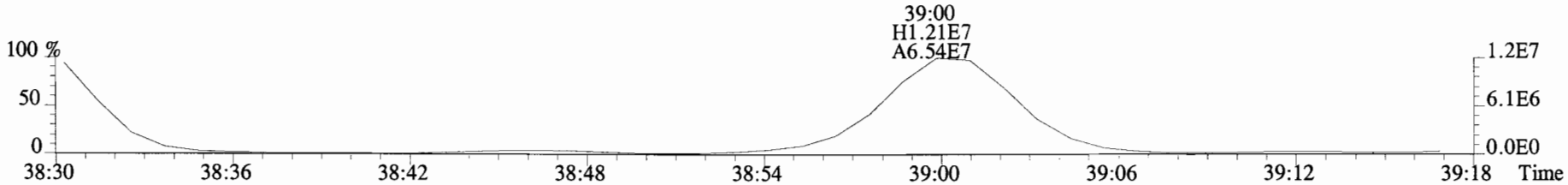
330.9792 F:3



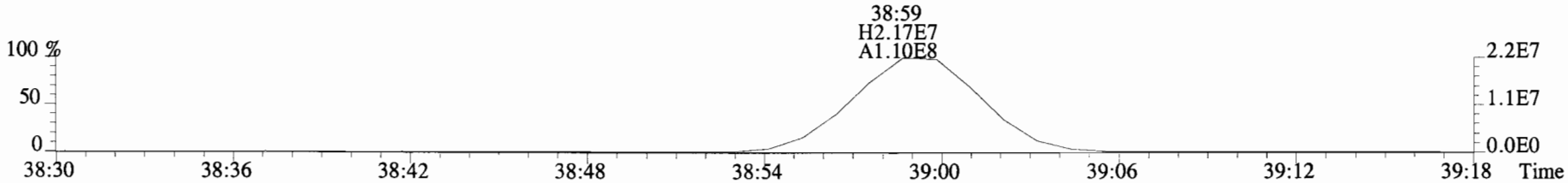
File:180314E1 #1-756 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21260.0,0.00%,F,F)



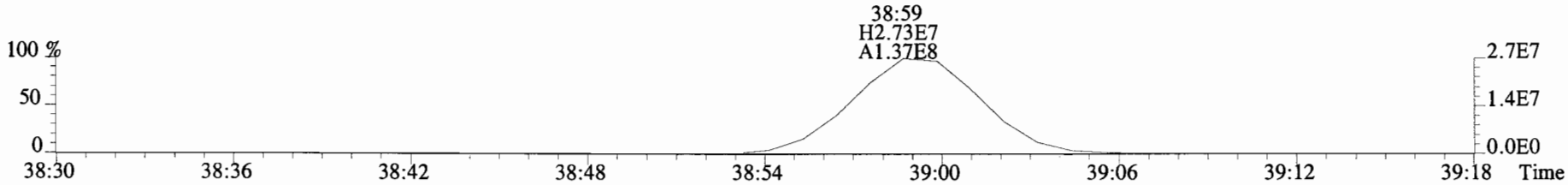
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19100.0,0.00%,F,F)



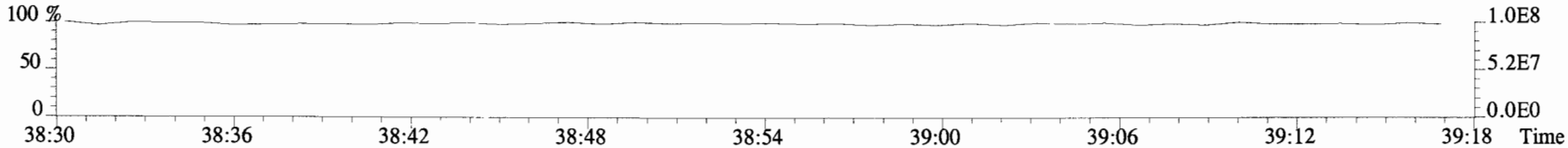
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74132.0,0.00%,F,F)



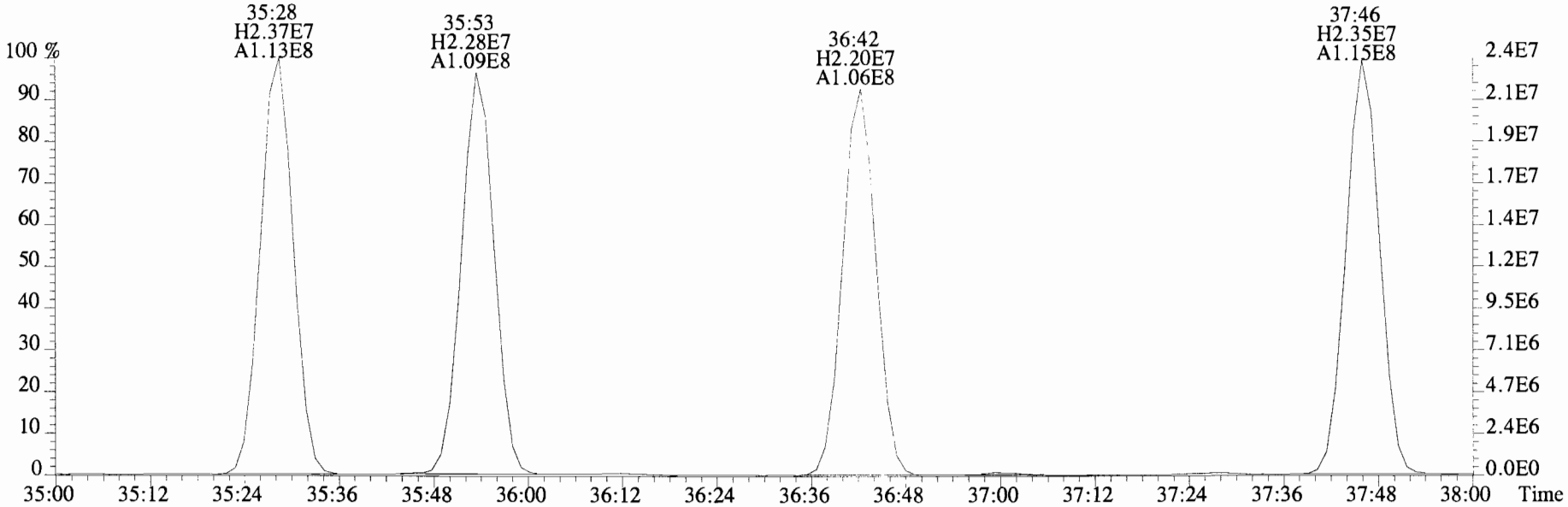
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36968.0,0.00%,F,F)



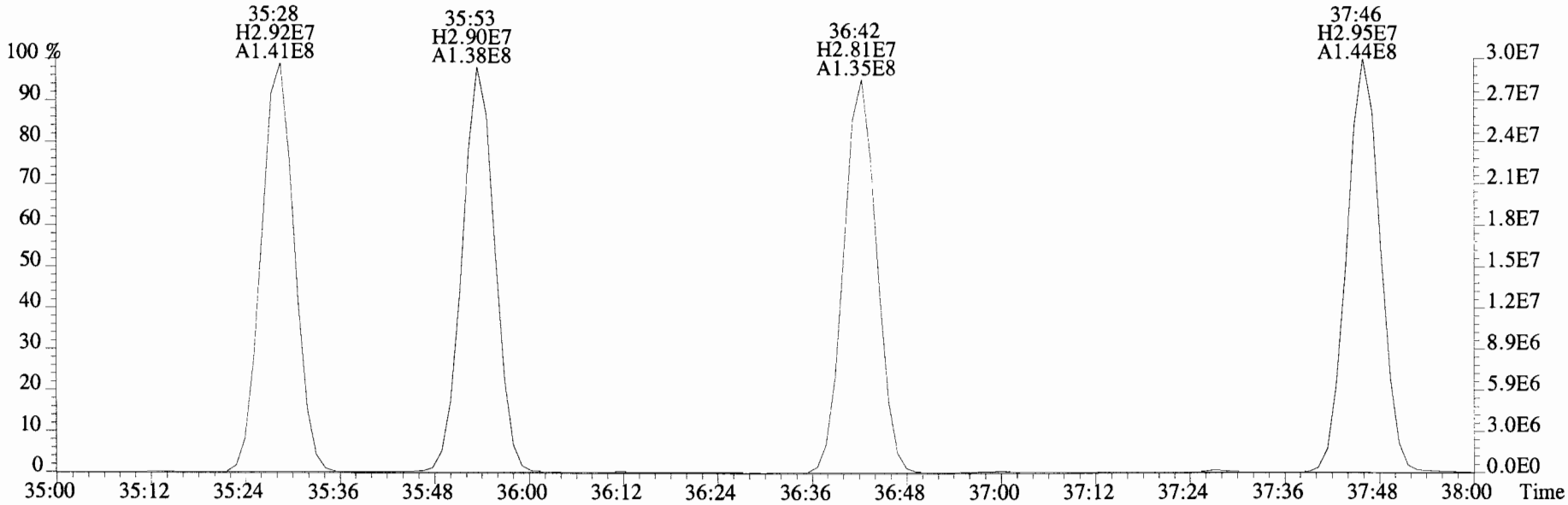
330.9792 F:3



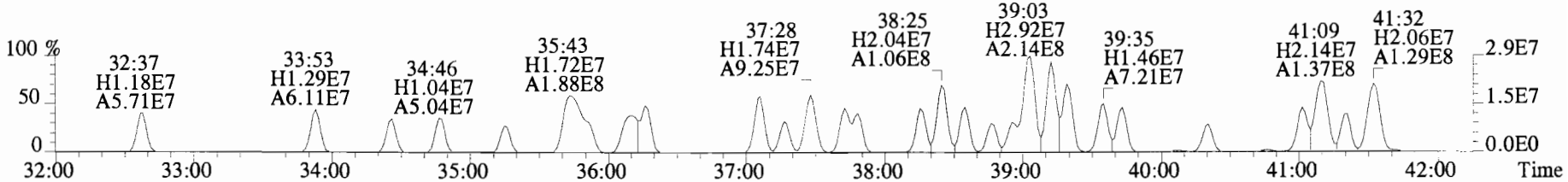
File:180314E1 #1-756 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74132.0,0.00%,F,F)



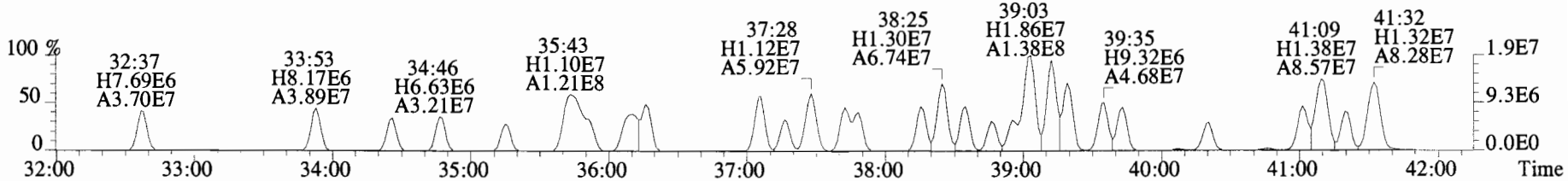
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36968.0,0.00%,F,F)



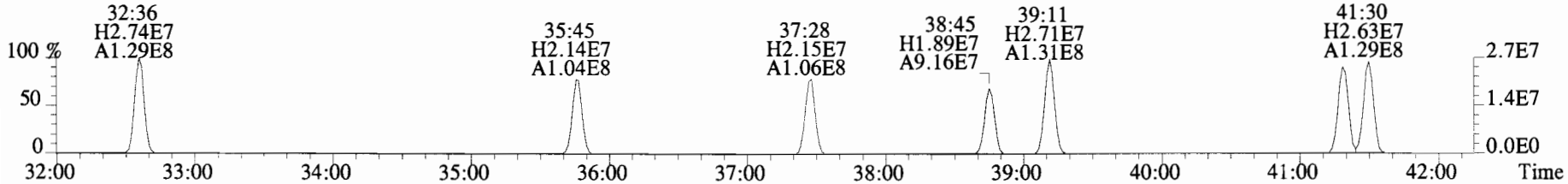
File:180314E1 #1-756 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1992.0,0.00%,F,F)



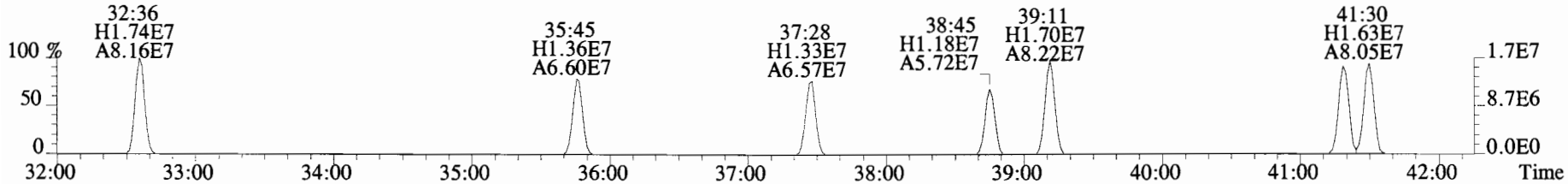
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1984.0,0.00%,F,F)



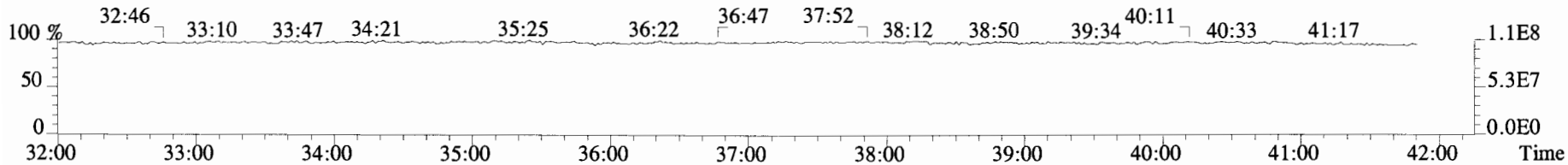
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5724.0,0.00%,F,F)



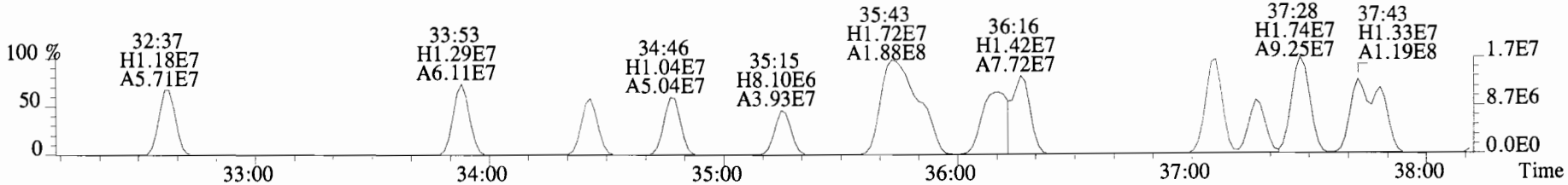
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5092.0,0.00%,F,F)



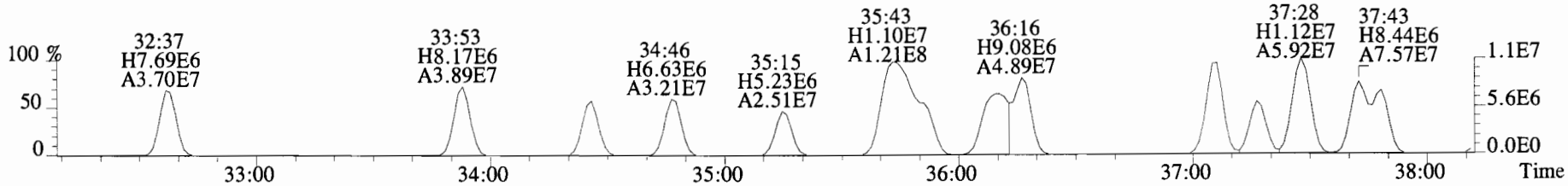
330.9792 F:3



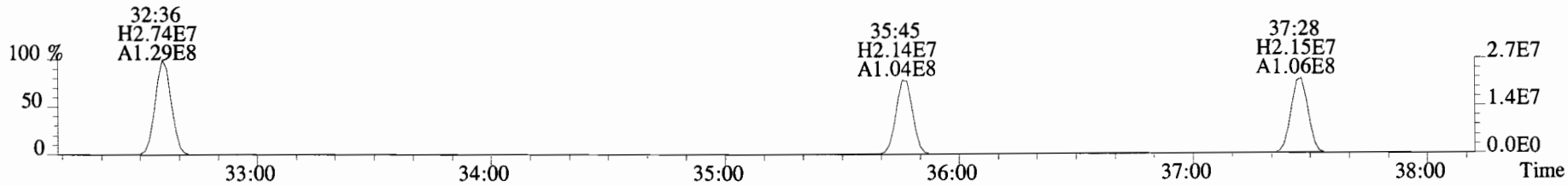
File:180314E1 #1-756 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1992.0,0.00%,F,F)



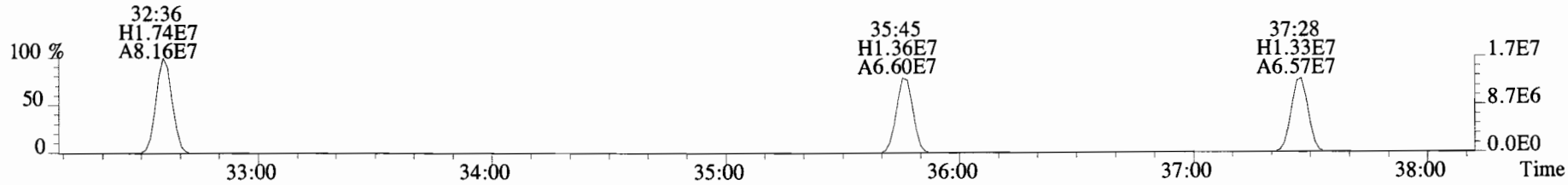
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1984.0,0.00%,F,F)



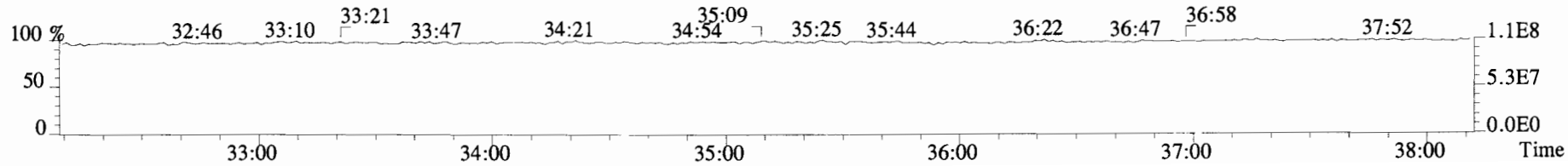
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5724.0,0.00%,F,F)



339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5092.0,0.00%,F,F)

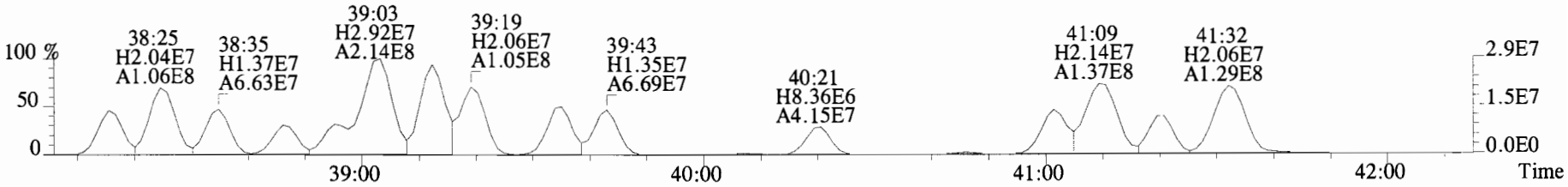


330.9792 F:3

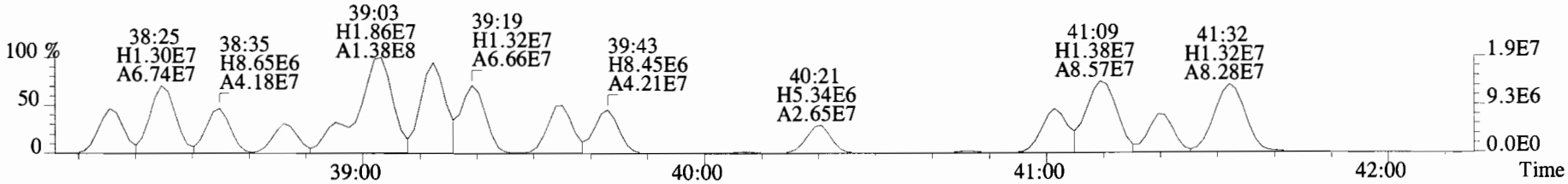


File:180314E1 #1-756 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1

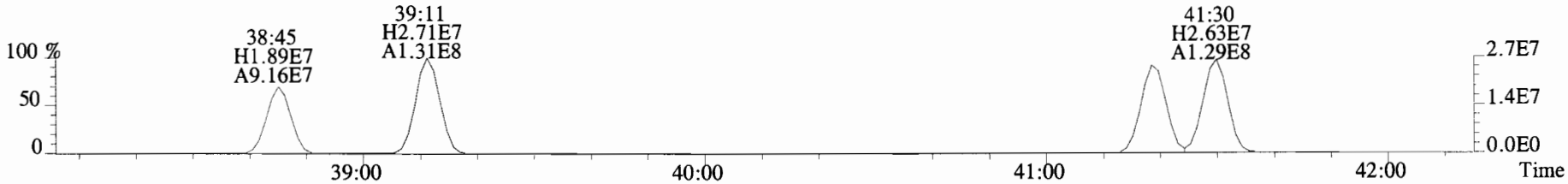
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1992.0,0.00%,F,F)



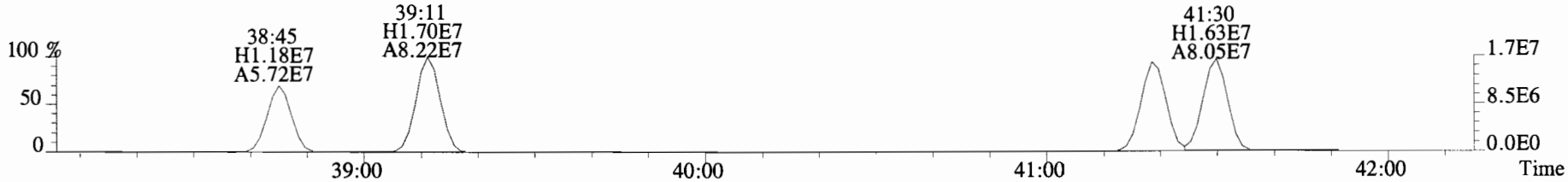
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1984.0,0.00%,F,F)



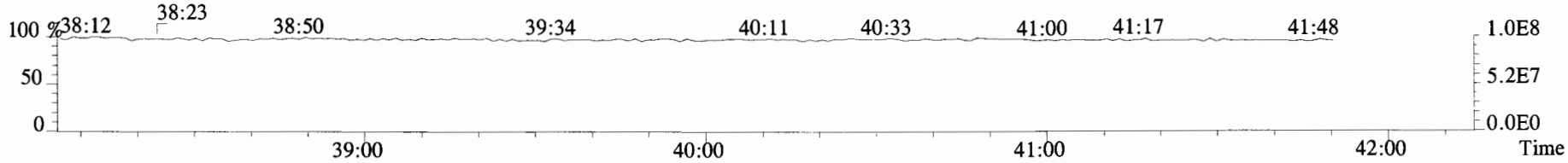
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5724.0,0.00%,F,F)



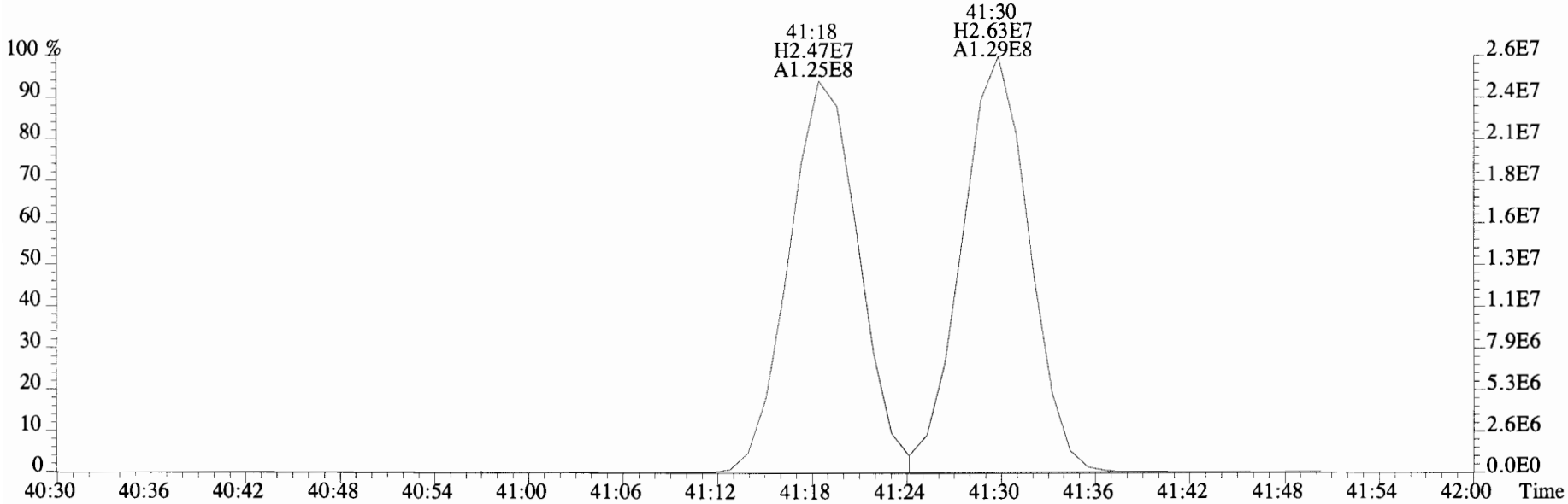
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5092.0,0.00%,F,F)



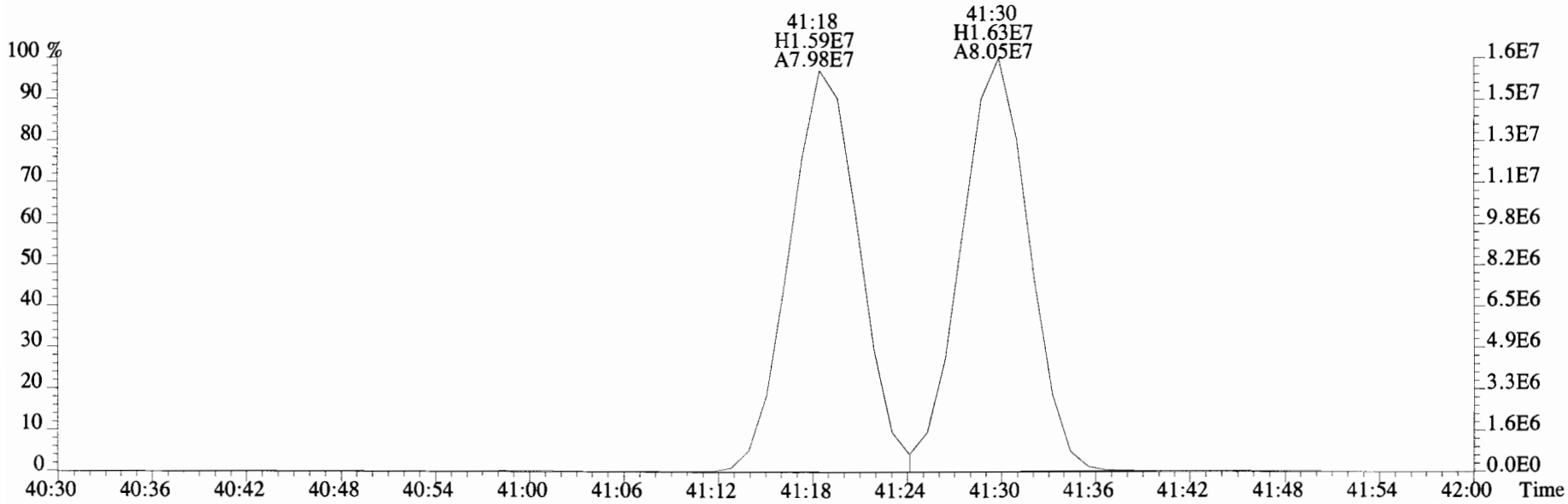
330.9792 F:3



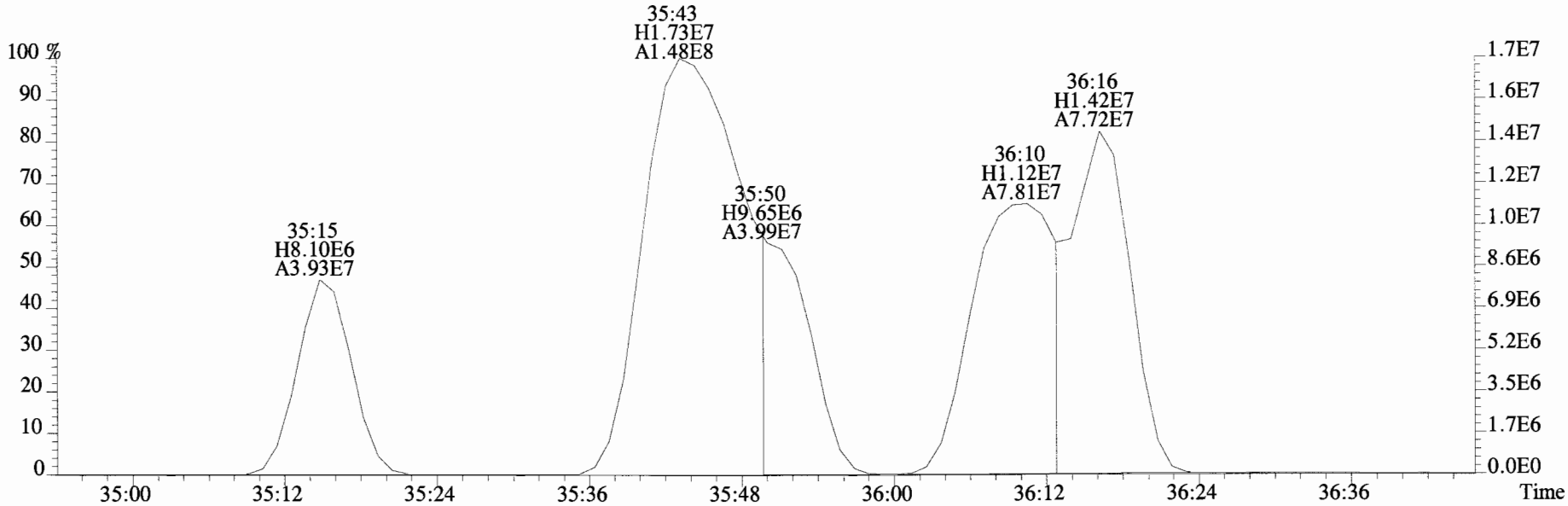
File:180314E1 #1-756 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5724.0,0.00%,F,F)



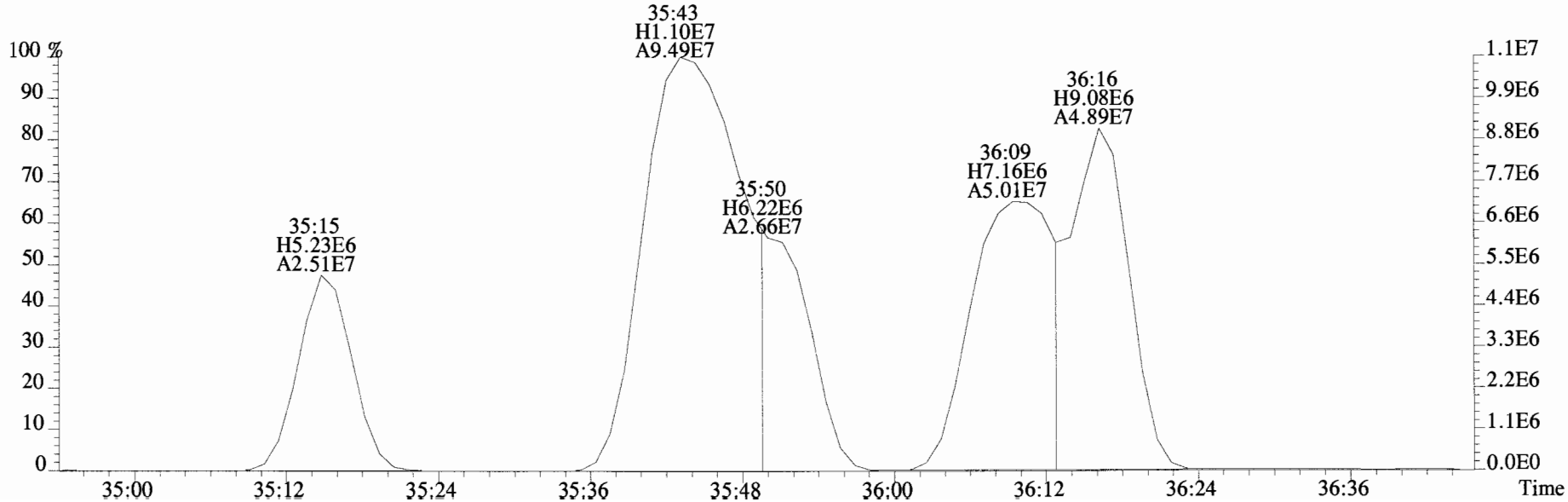
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5092.0,0.00%,F,F)



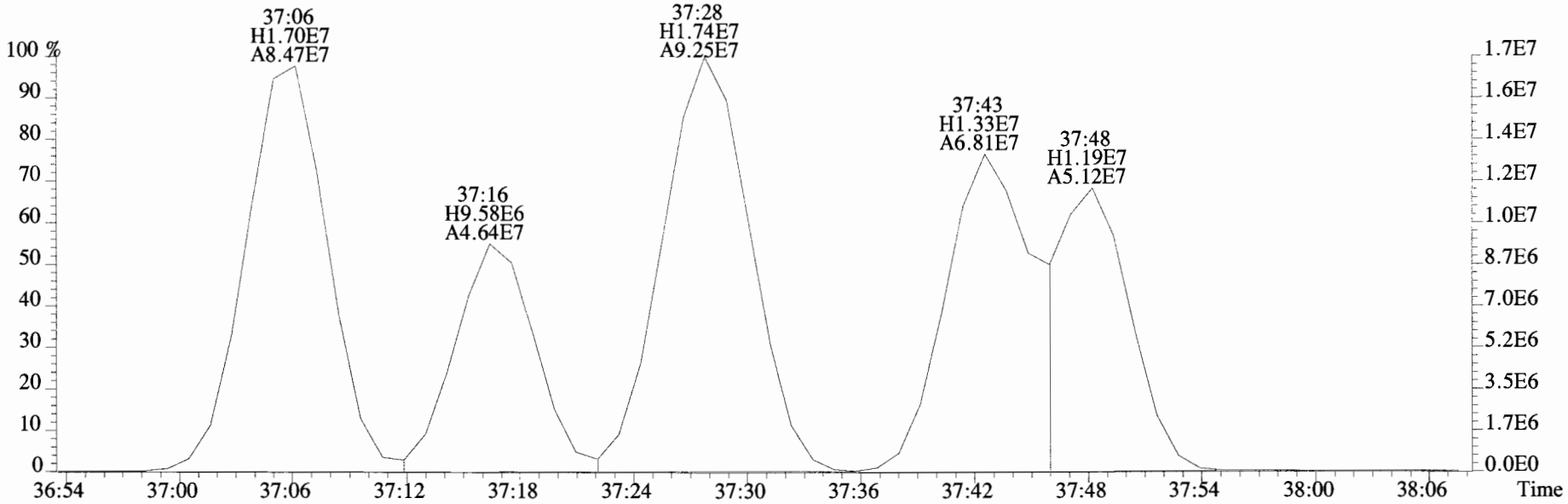
File:180314E1 #1-756 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0)



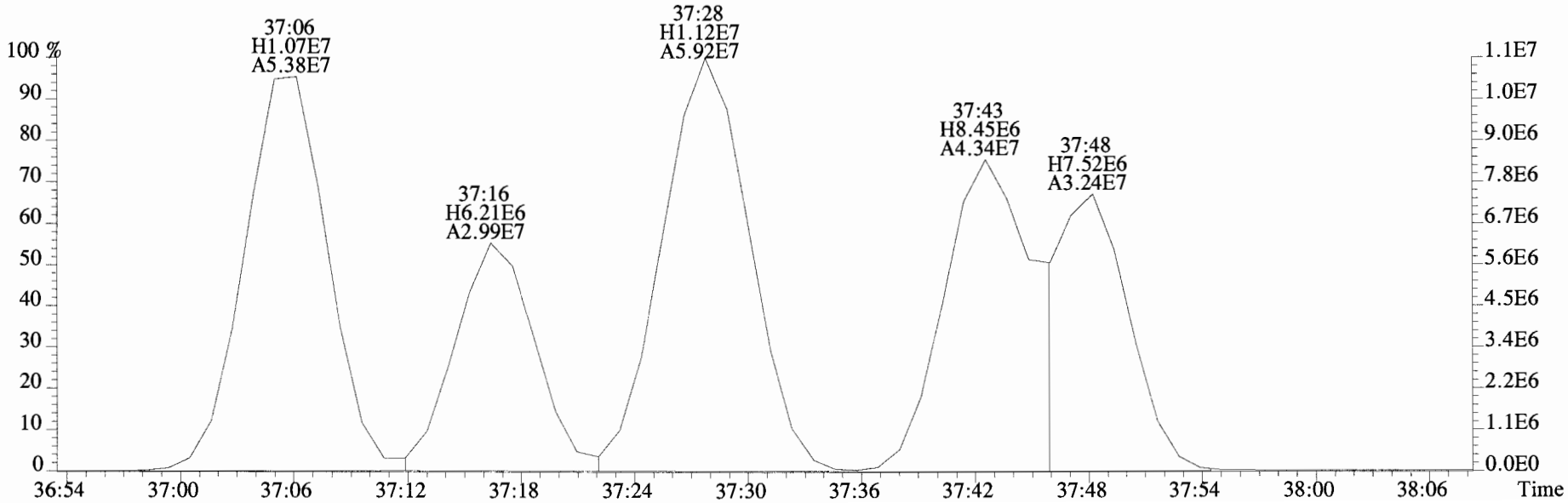
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0)



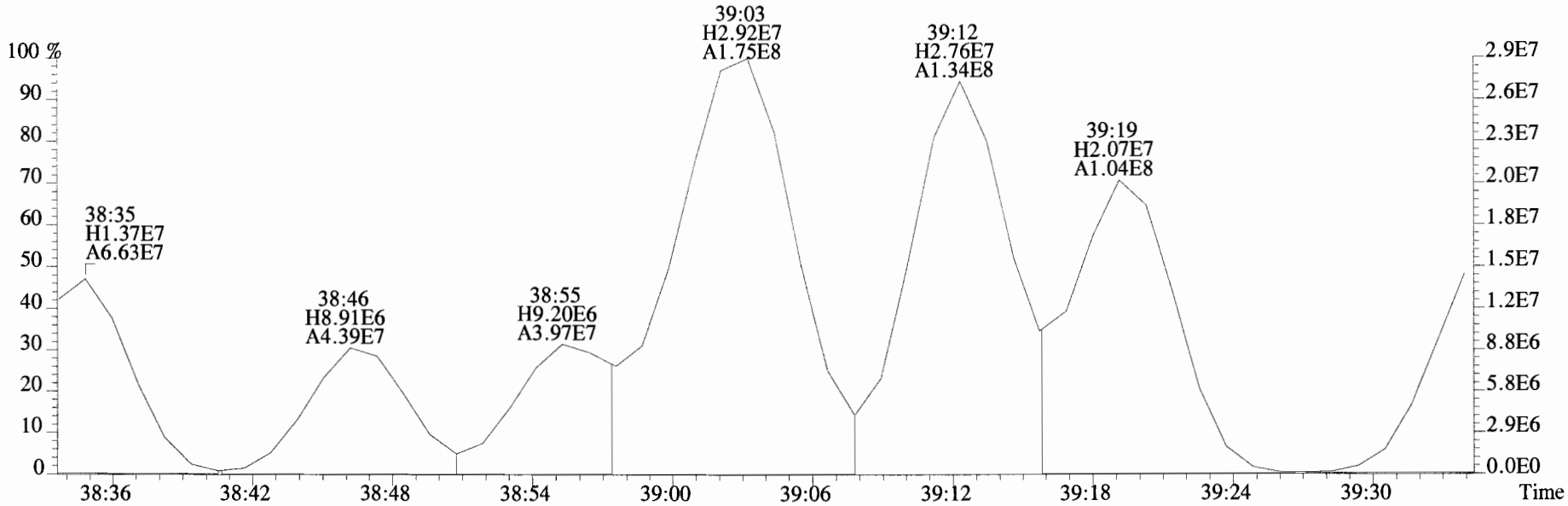
File:180314E1 #1-756 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1992.0,0.00%,F,F)



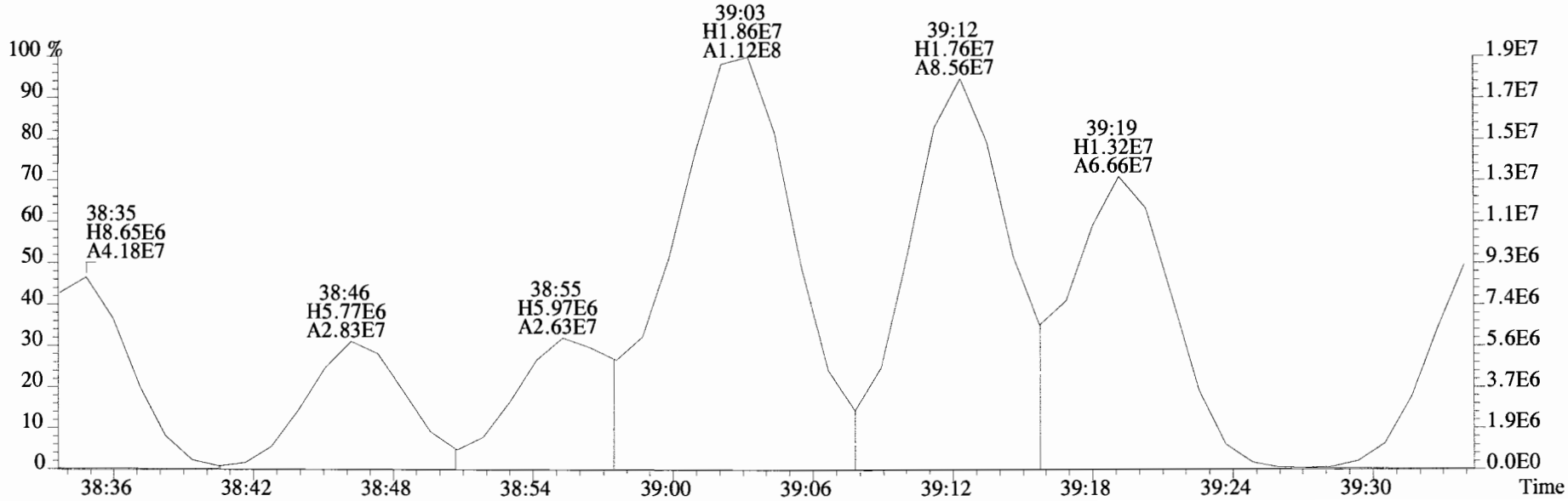
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1984.0,0.00%,F,F)



File:180314E1 #1-756 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1992.0,0.00%,F,F)

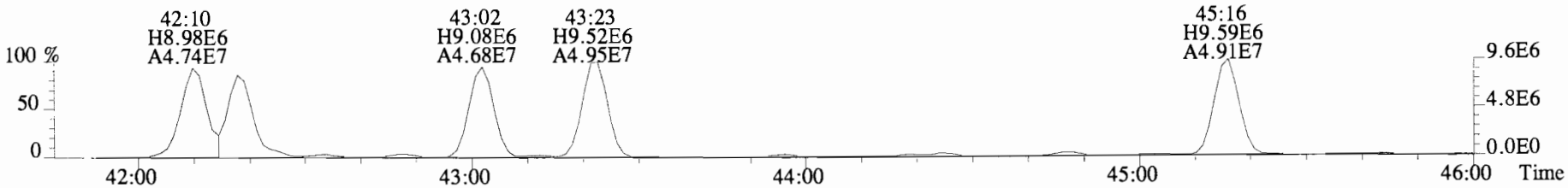


327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1984.0,0.00%,F,F)

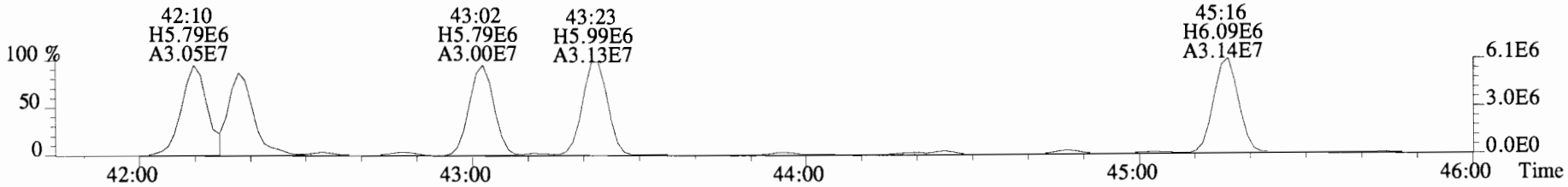


File:180314E1 #1-574 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1

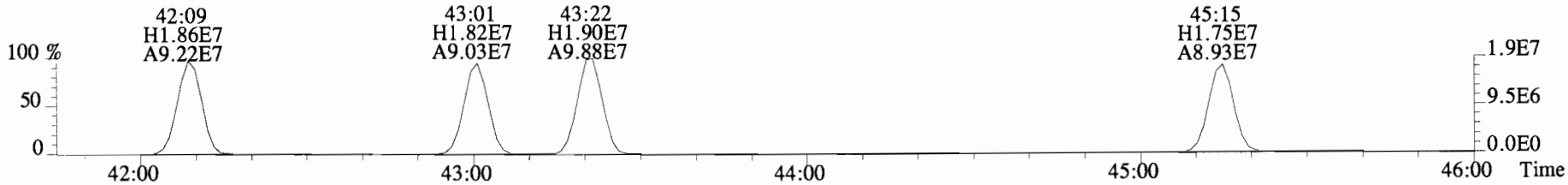
325.8804 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5076.0,0.00%,F,F)



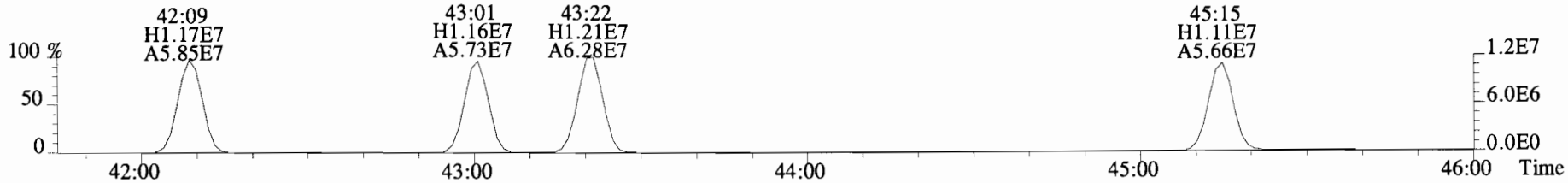
327.8775 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3400.0,0.00%,F,F)



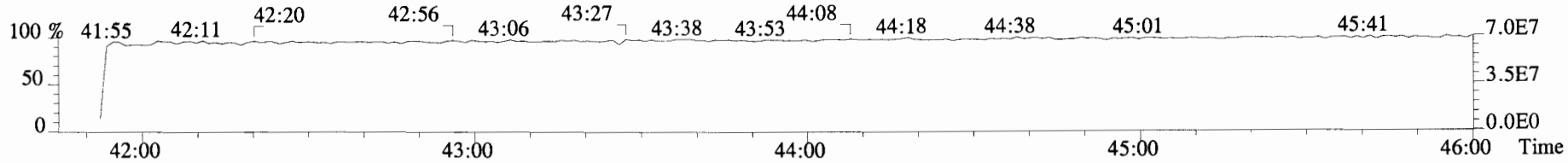
337.9207 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7024.0,0.00%,F,F)



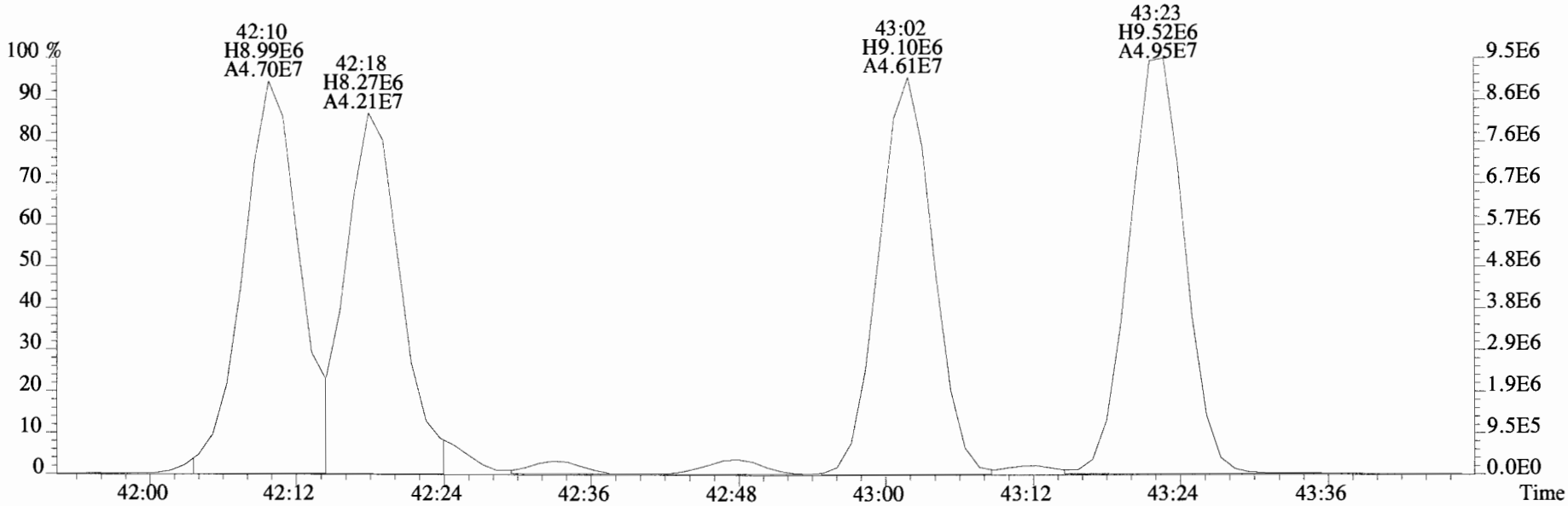
339.9177 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7112.0,0.00%,F,F)



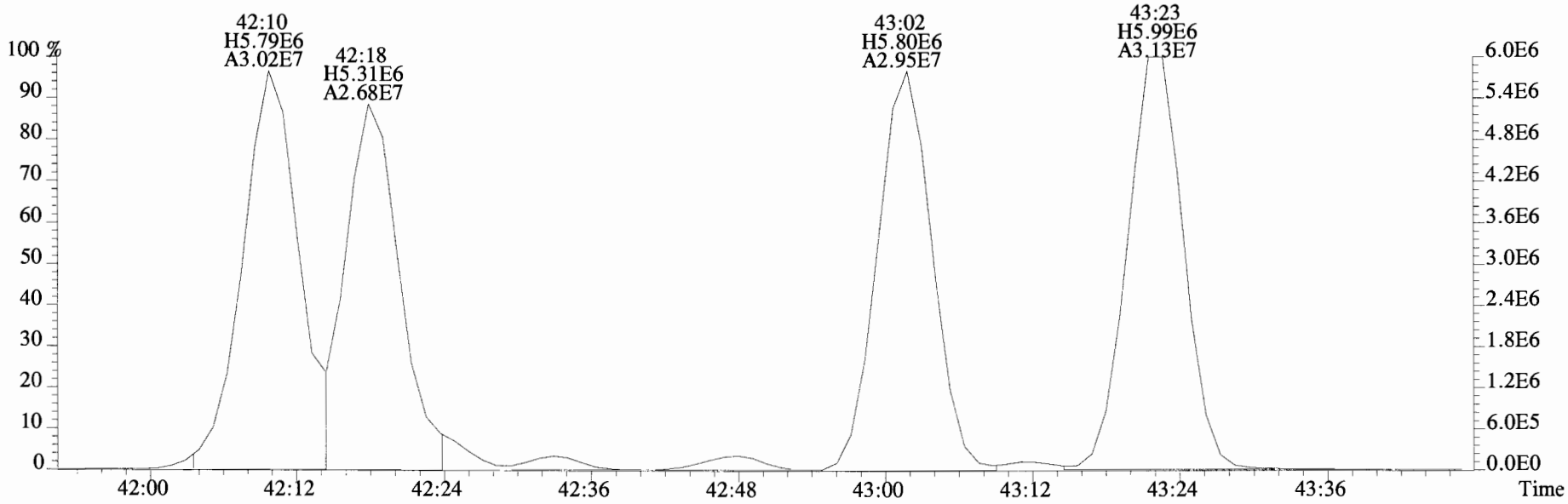
380.9760 F:4



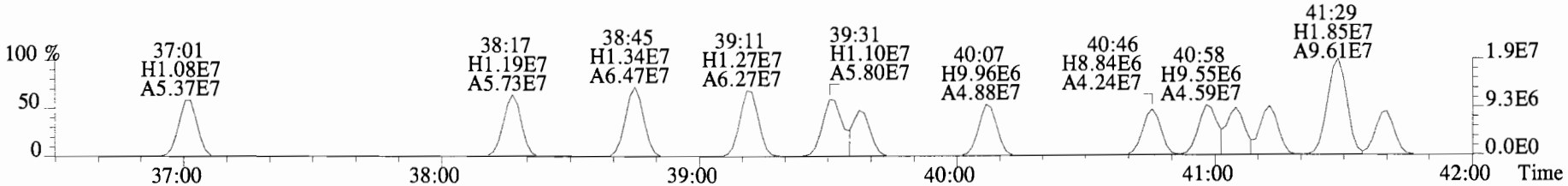
File:180314E1 #1-574 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5076.0,0.00%,F,F)



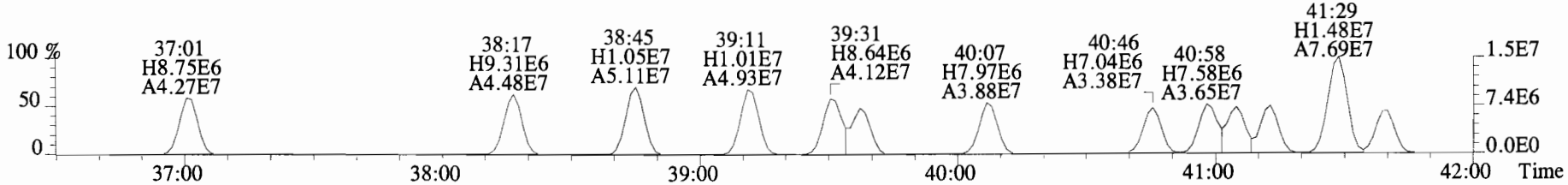
327.8775 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3400.0,0.00%,F,F)



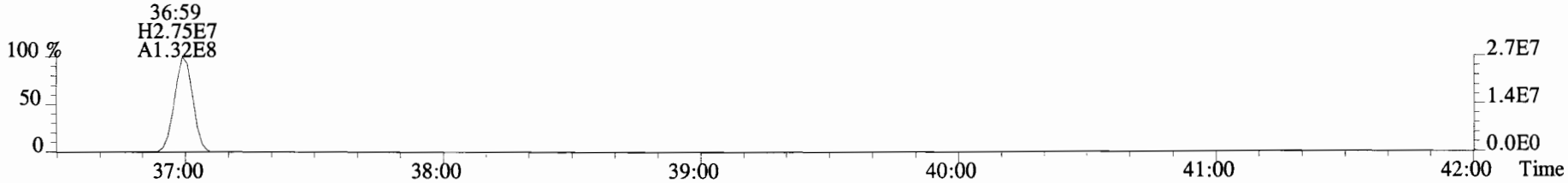
File:180314E1 #1-756 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1996.0,0.00%,F,F)



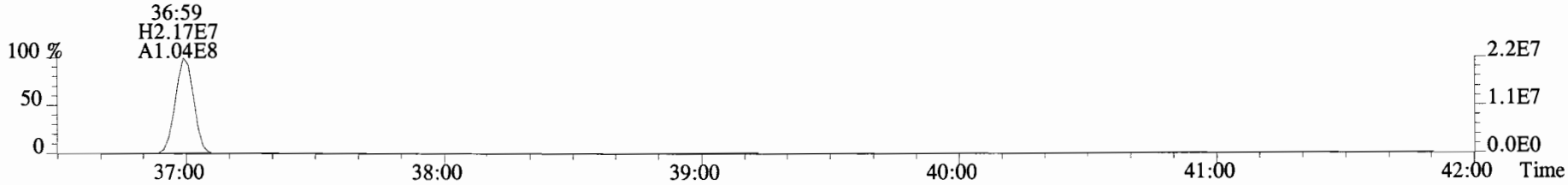
361.8385 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2004.0,0.00%,F,F)



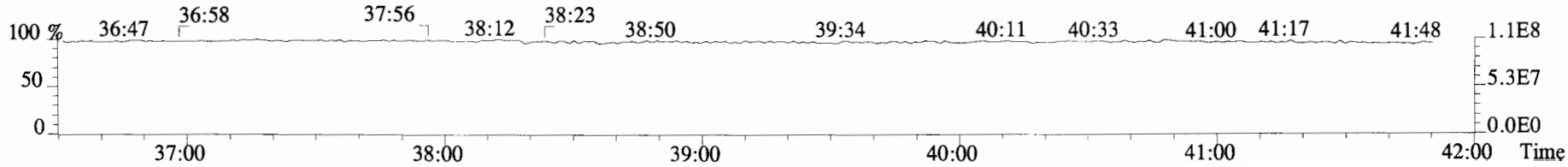
371.8817 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3584.0,0.00%,F,F)



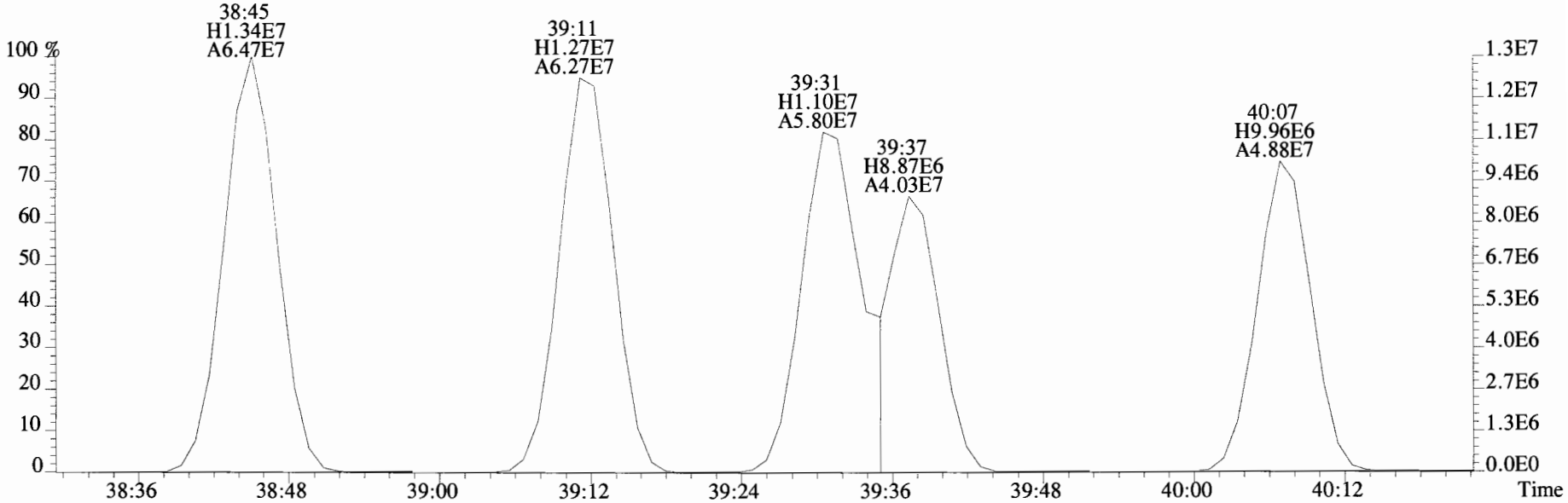
373.8788 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4232.0,0.00%,F,F)



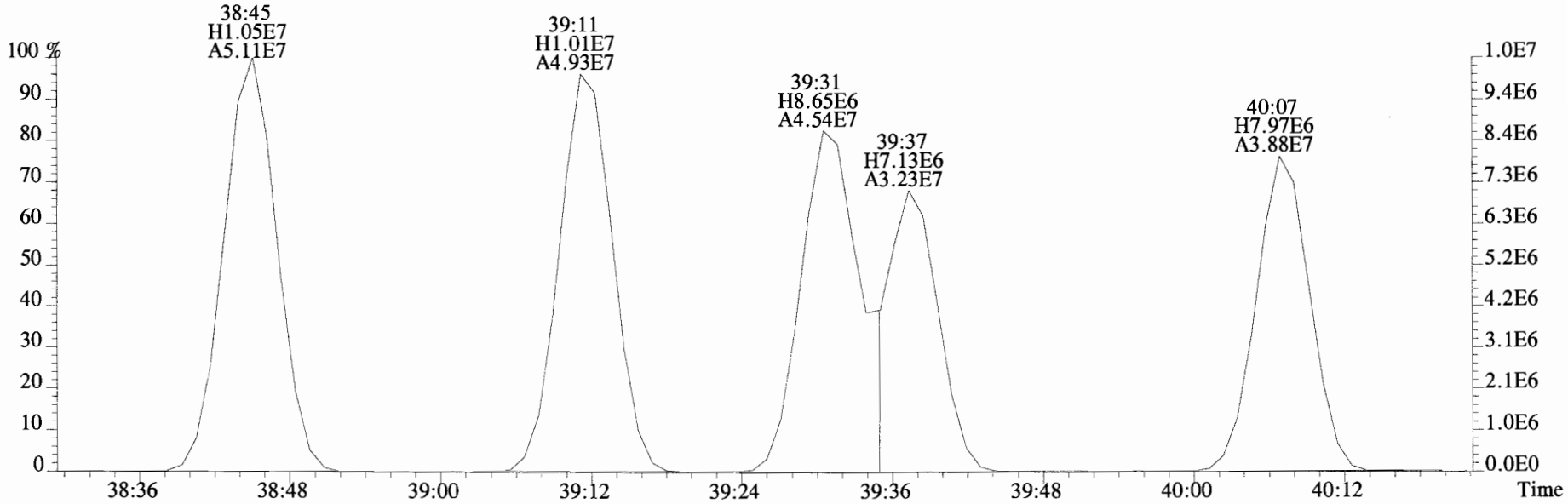
330.9792 F:3



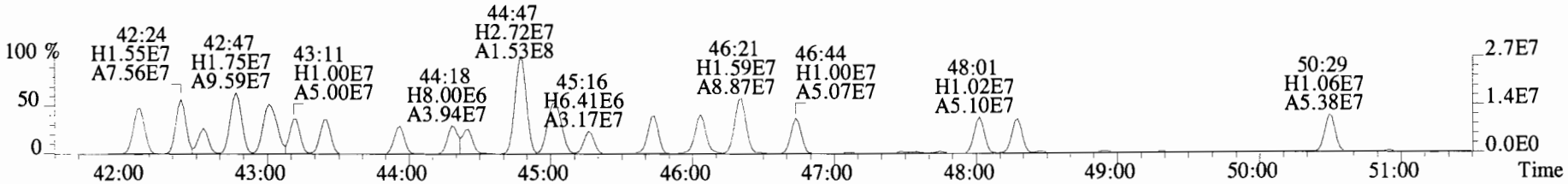
File:180314E1 #1-756 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1996.0,0.00%,F,F)



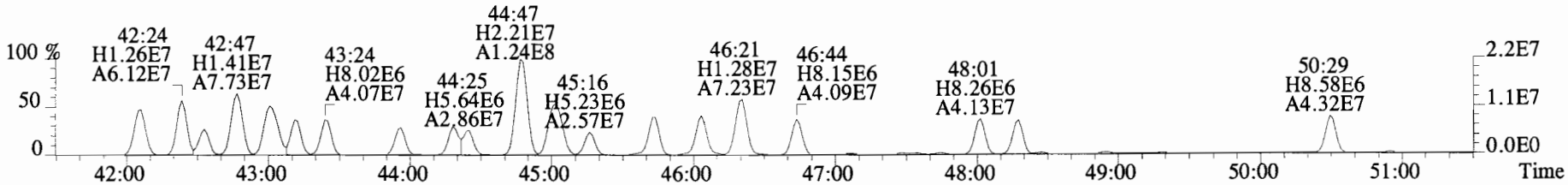
361.8385 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2004.0,0.00%,F,F)



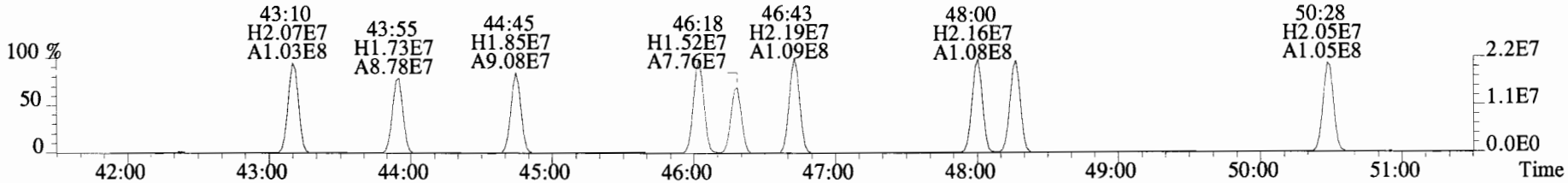
File:180314E1 #1-574 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35912.0,0.00%,F,F)



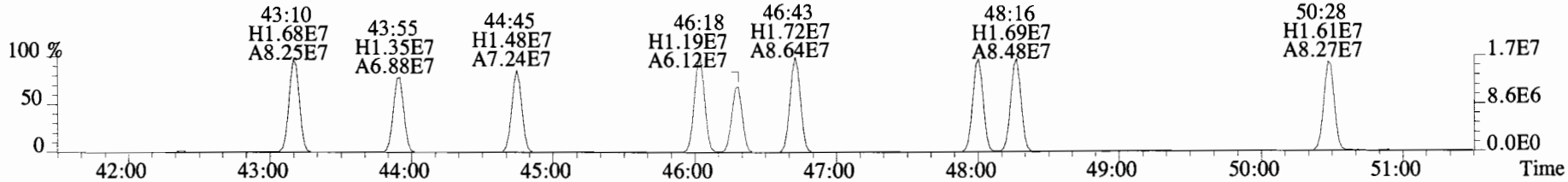
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,31732.0,0.00%,F,F)



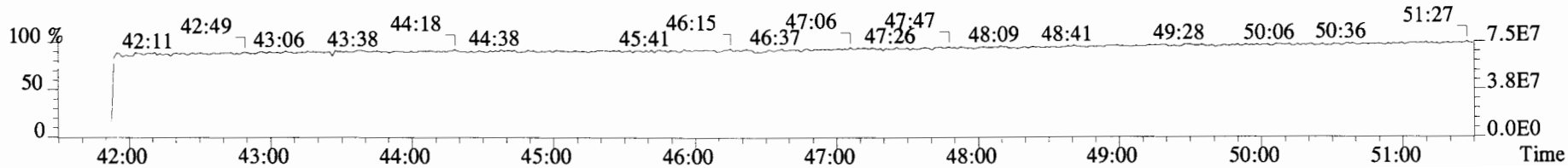
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15332.0,0.00%,F,F)



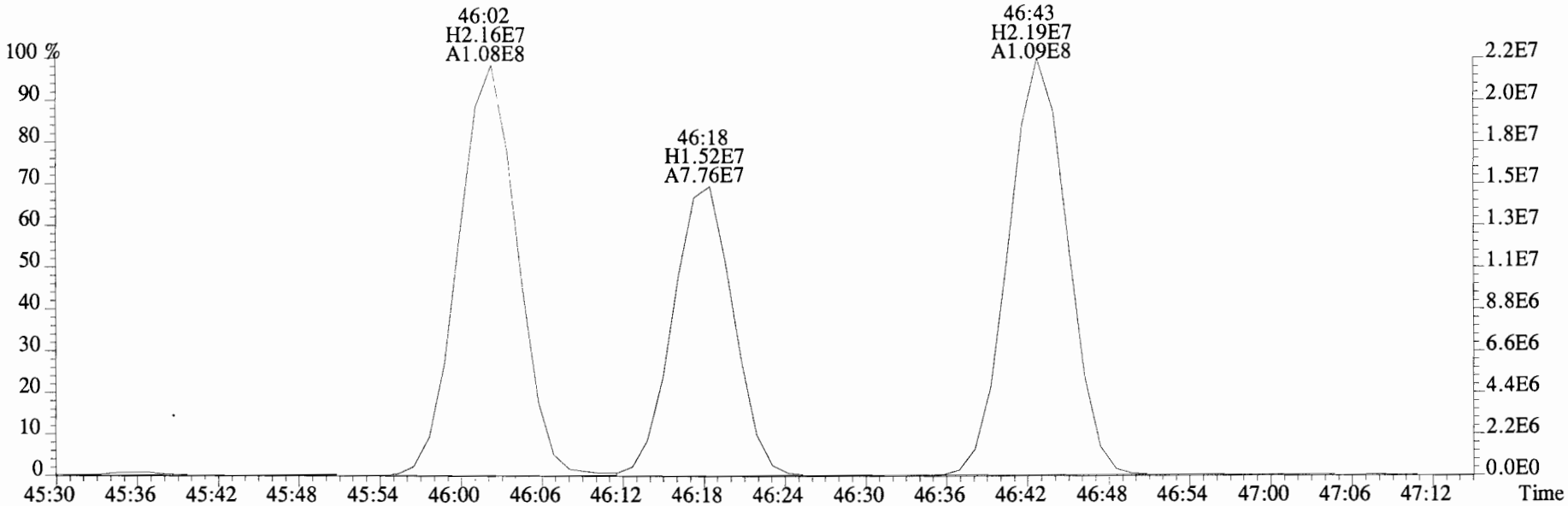
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14200.0,0.00%,F,F)



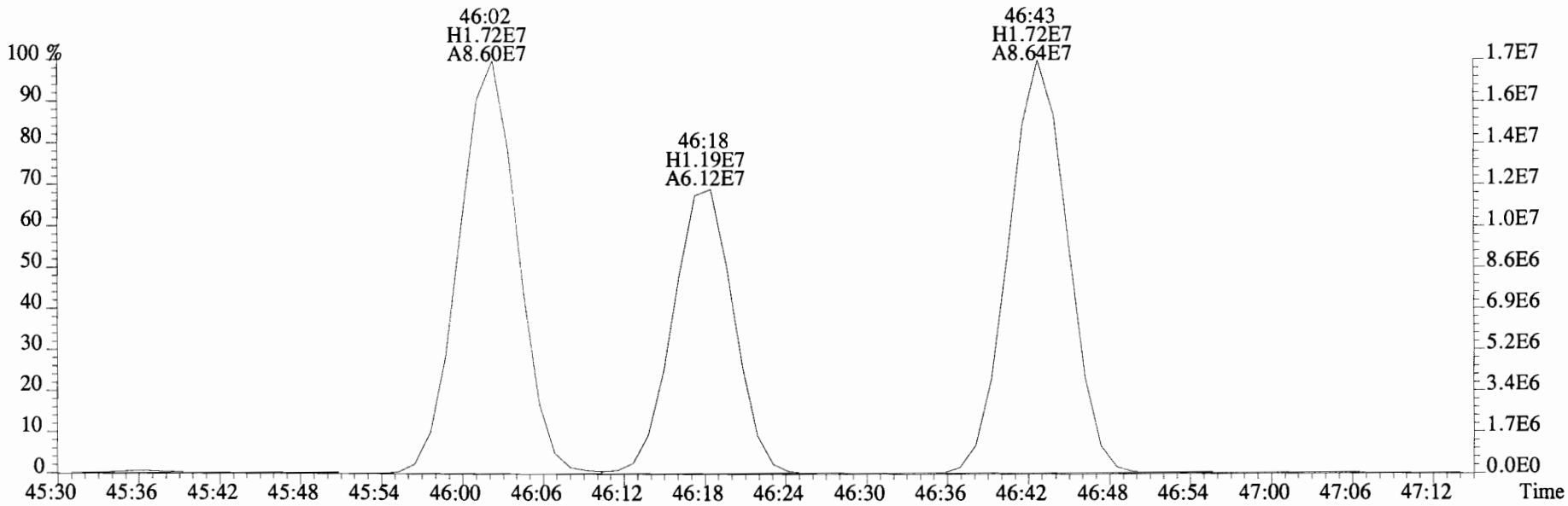
380.9760 F:4



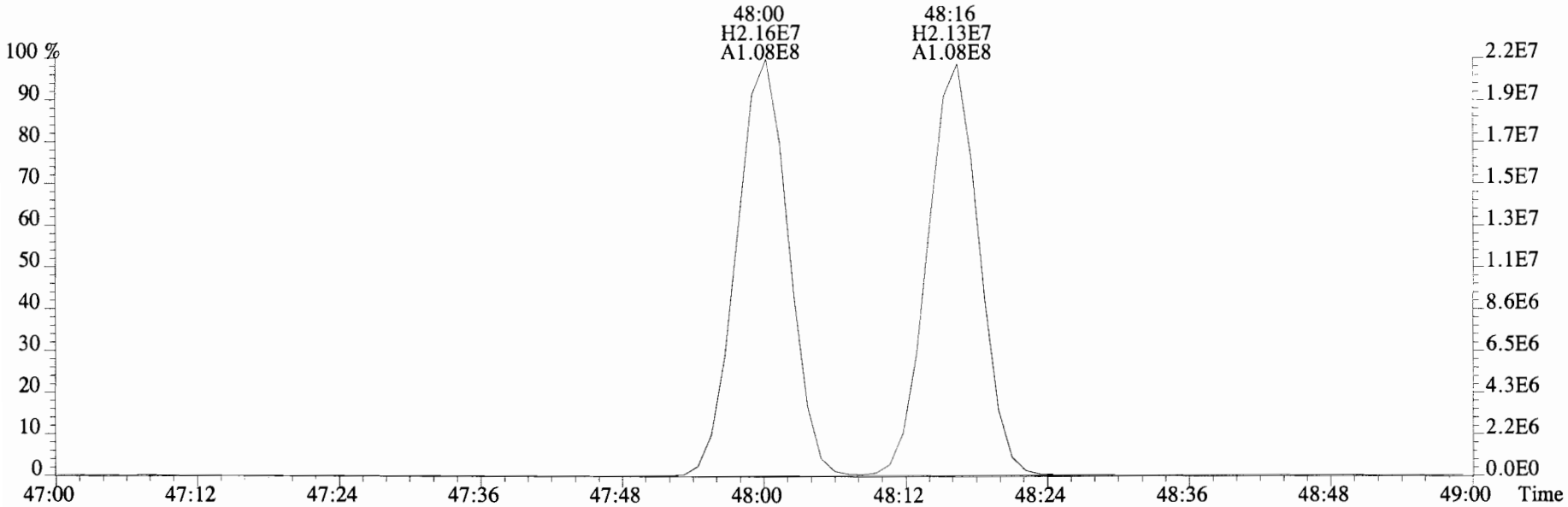
File:180314E1 #1-574 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15332.0,0.00%,F,F)



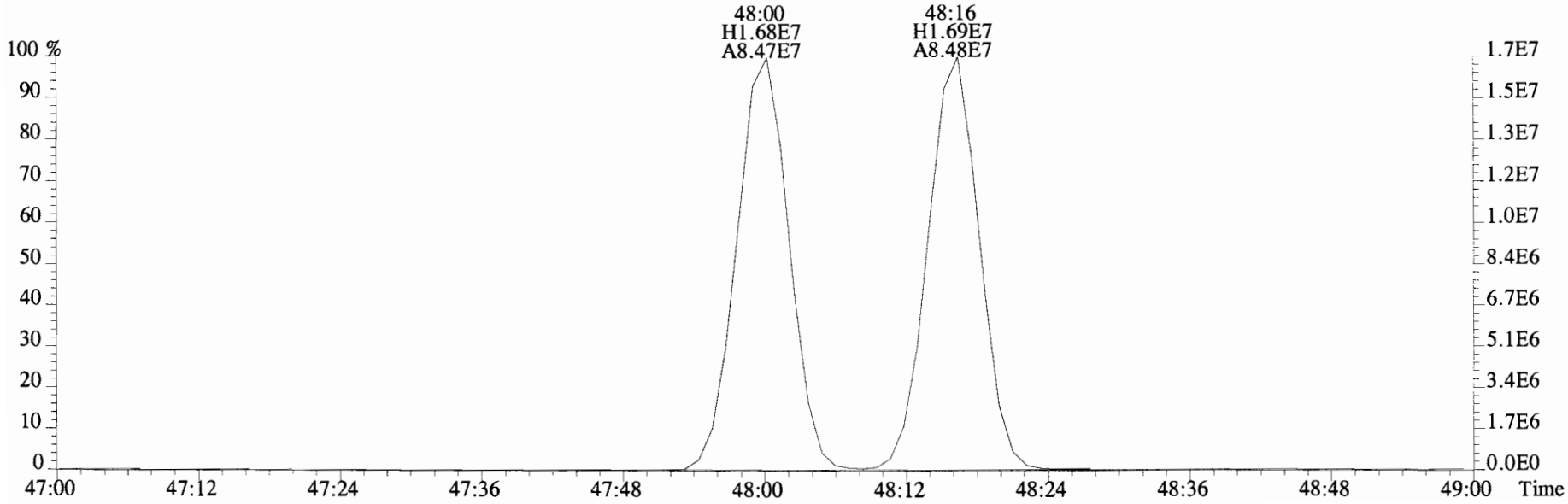
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14200.0,0.00%,F,F)



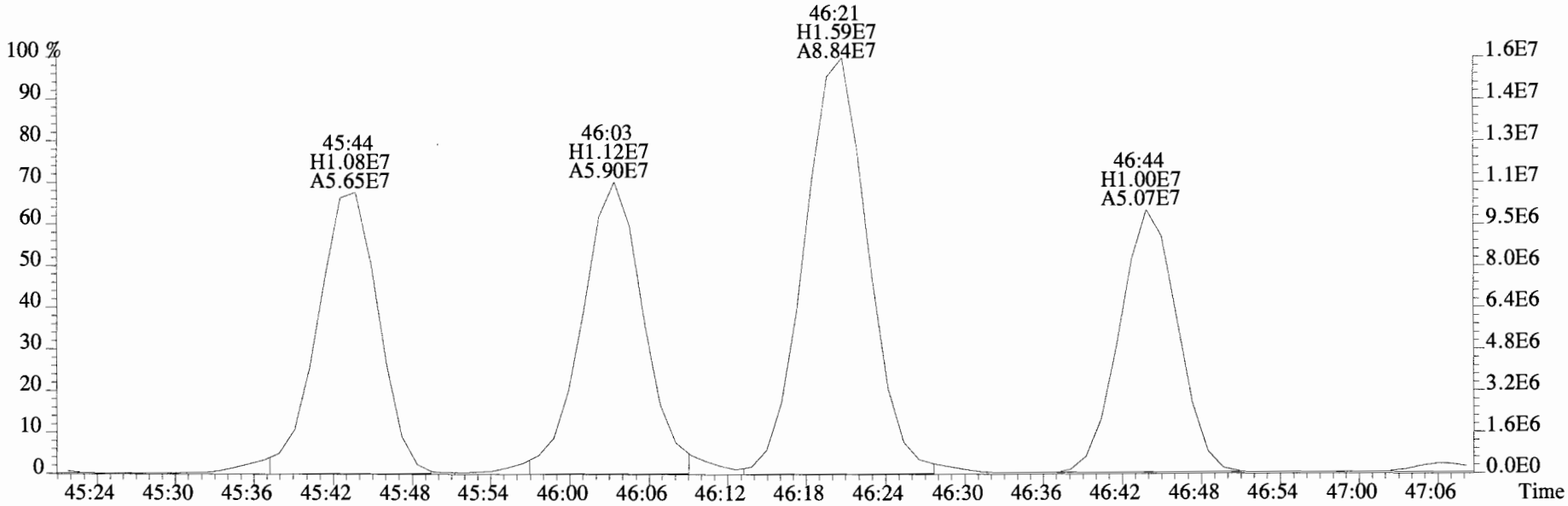
File:180314E1 #1-574 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15332.0,0.00%,F,F)



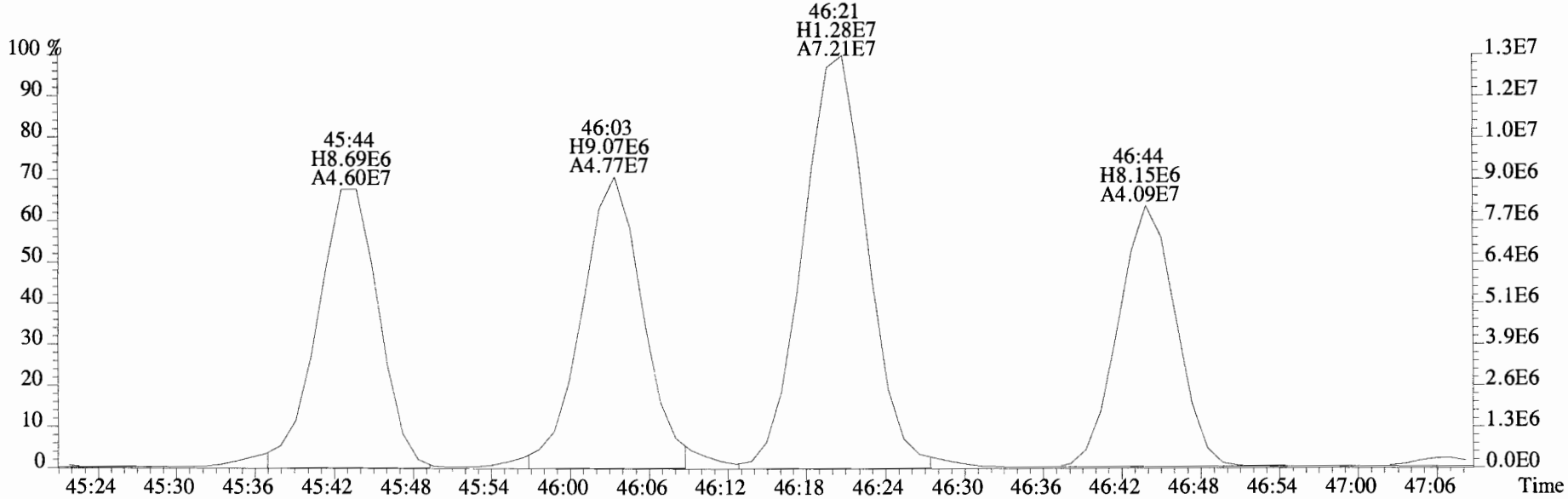
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14200.0,0.00%,F,F)



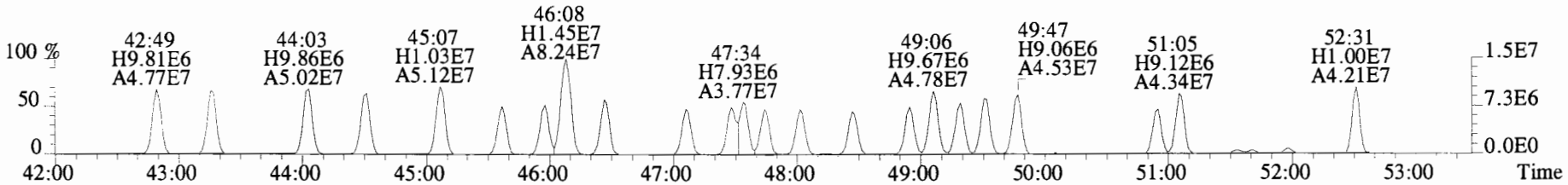
File:180314E1 #1-574 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35912.0,0.00%,F,F)



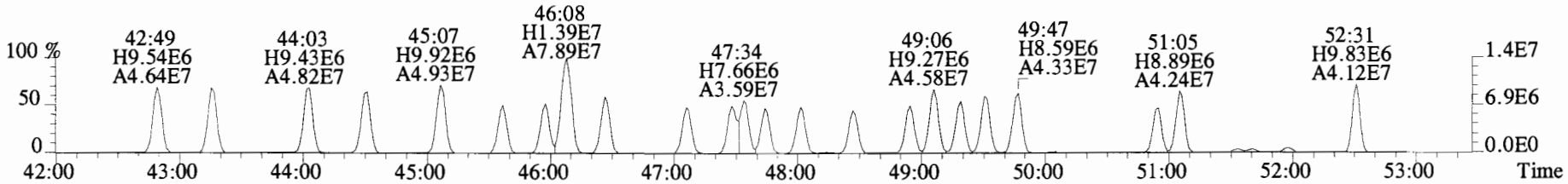
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,31732.0,0.00%,F,F)



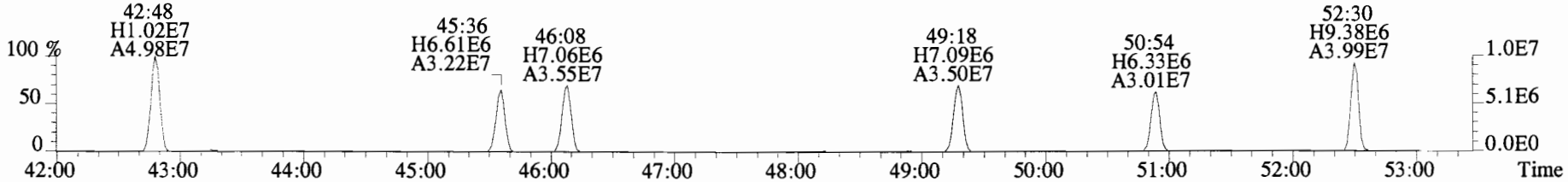
File:180314E1 #1-574 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
393.8025 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8276.0,0.00%,F,F)



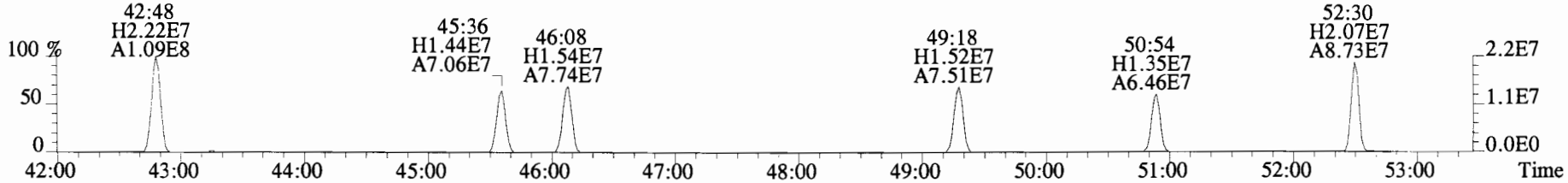
395.7995 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13120.0,0.00%,F,F)



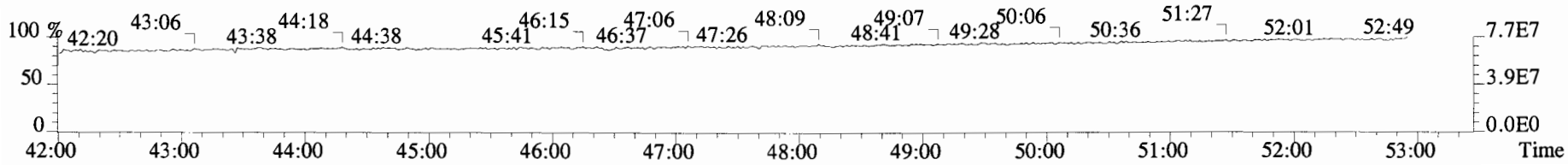
403.8457 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3896.0,0.00%,F,F)



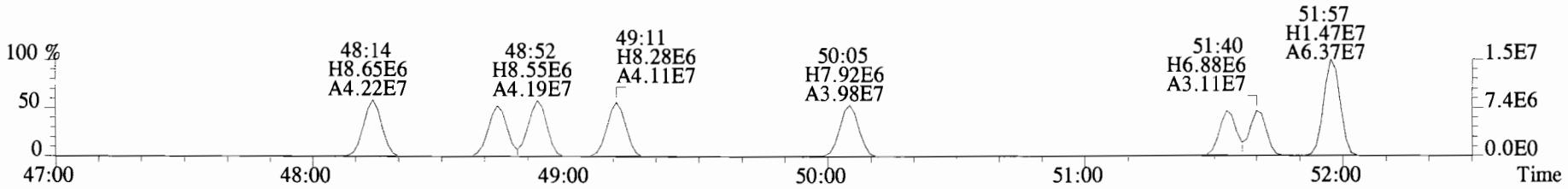
405.8428 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7624.0,0.00%,F,F)



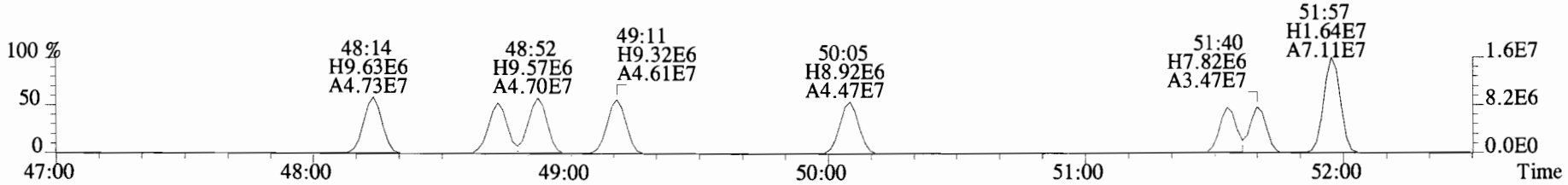
380.9760 F:4



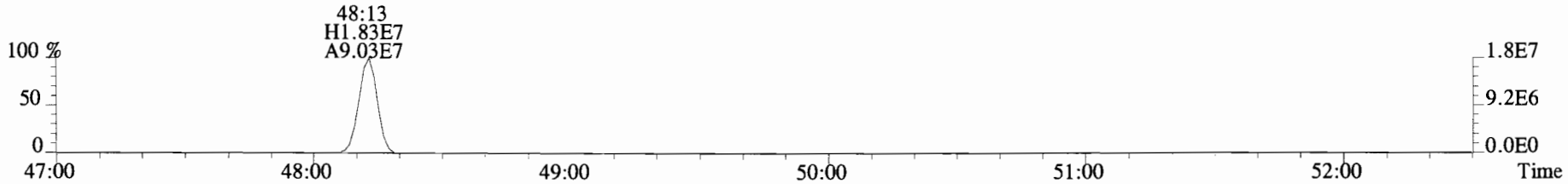
File:180314E1 #1-574 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
427.7635 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2336.0,0.00%,F,F)



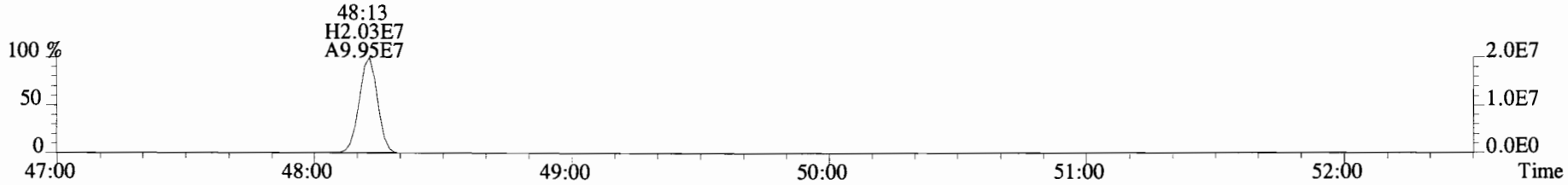
429.7606 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2472.0,0.00%,F,F)



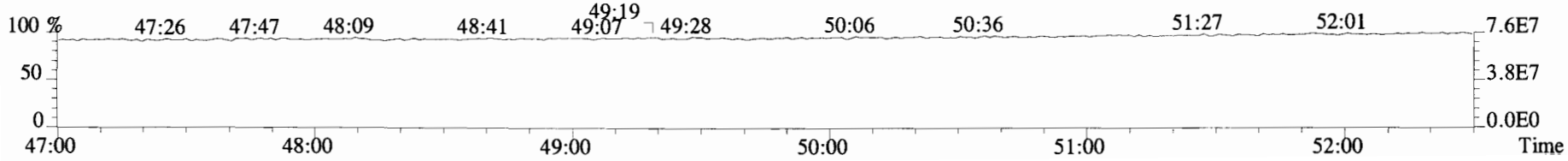
439.8038 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2092.0,0.00%,F,F)



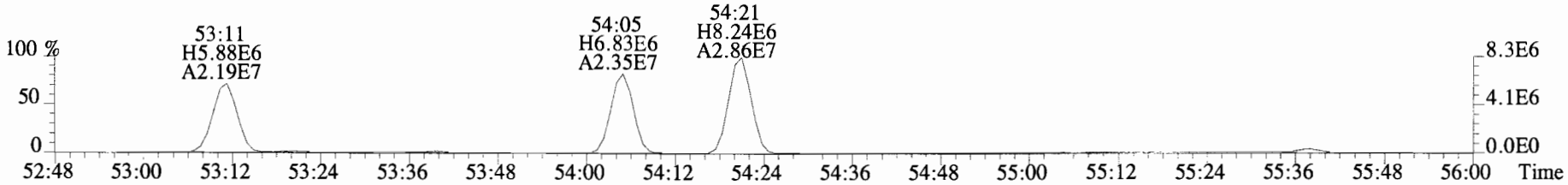
441.8008 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2624.0,0.00%,F,F)



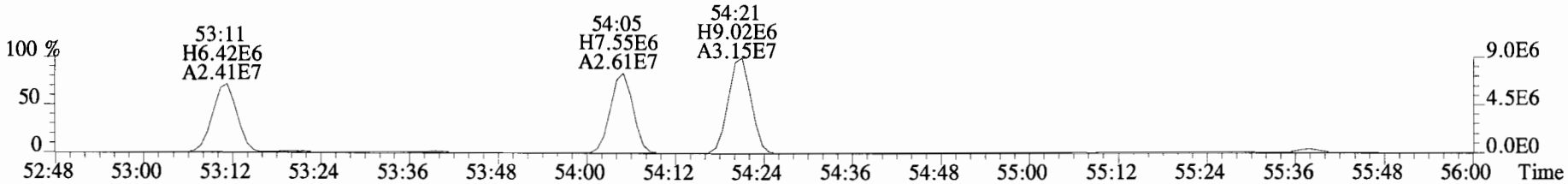
380.9760 F:4



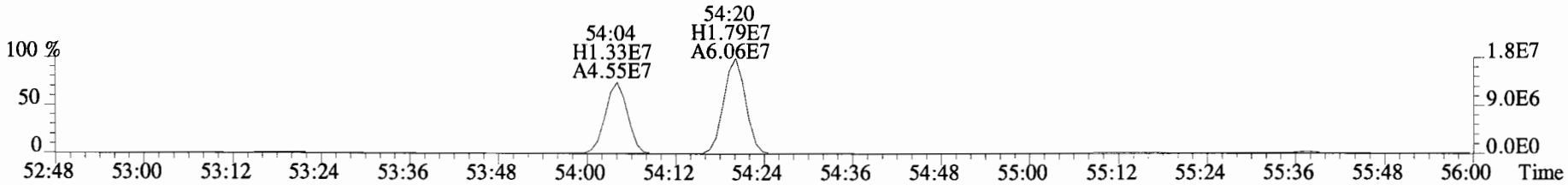
File:180314E1 #1-407 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
427.7635 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16912.0,0.00%,F,F)



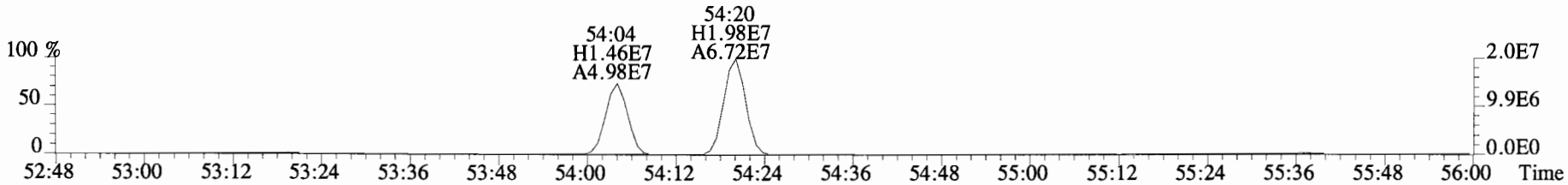
429.7606 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16048.0,0.00%,F,F)



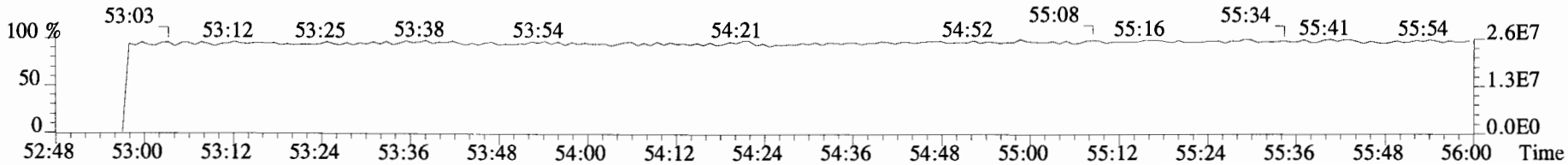
439.8038 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2684.0,0.00%,F,F)



441.8008 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3824.0,0.00%,F,F)

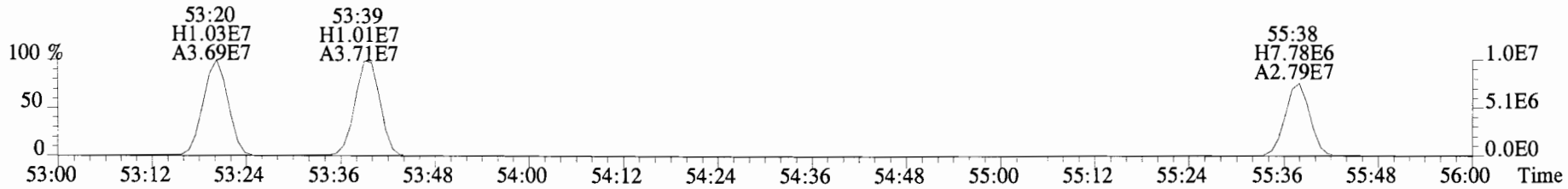


492.9697 F:5

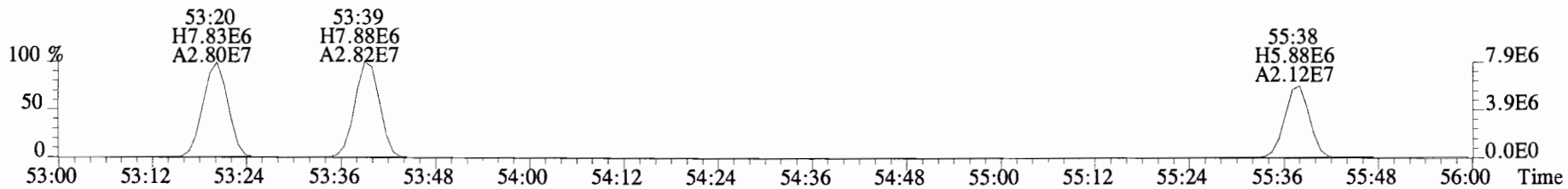


File:180314E1 #1-407 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1

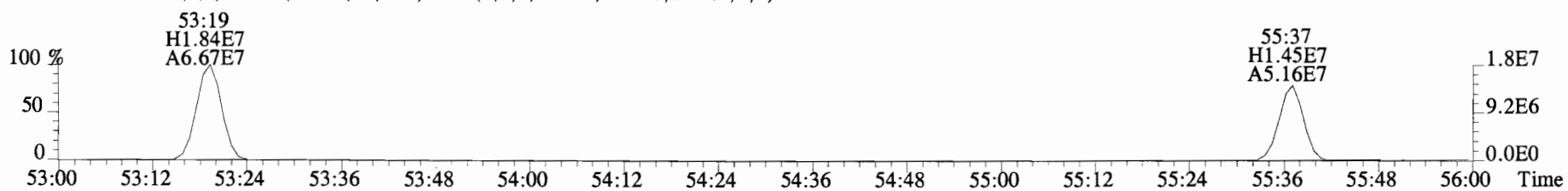
463.7216 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9788.0,0.00%,F,F)



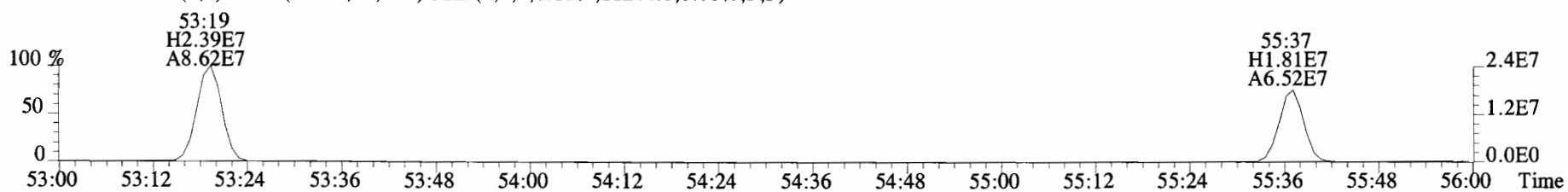
465.7186 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8800.0,0.00%,F,F)



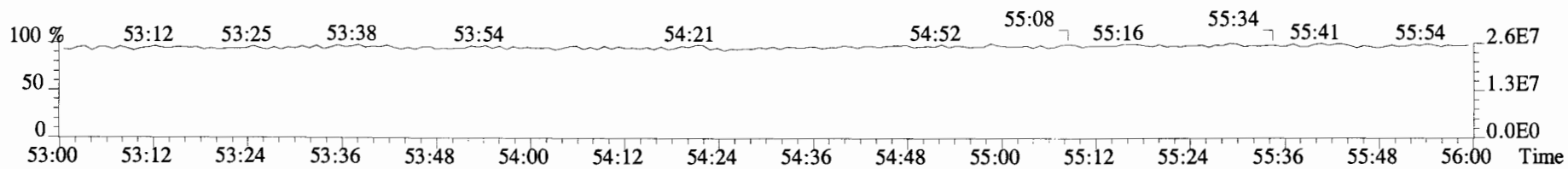
473.7648 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7280.0,0.00%,F,F)



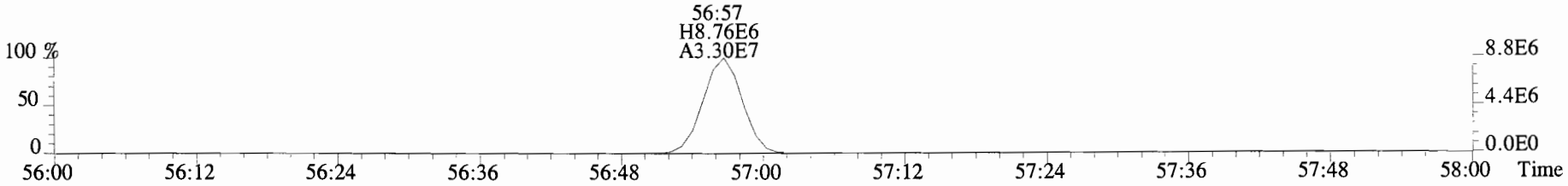
475.7619 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11244.0,0.00%,F,F)



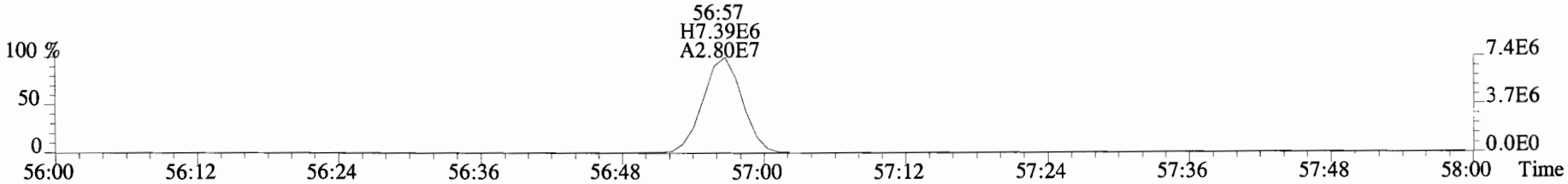
492.9697 F:5



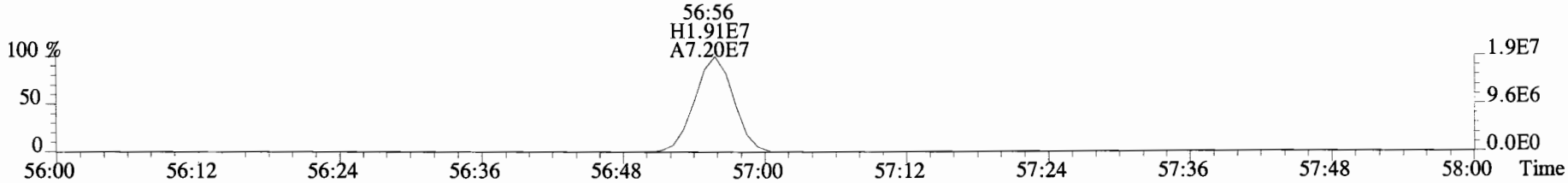
File:180314E1 #1-407 Acq:14-MAR-2018 11:43:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180314E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
497.6826 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1464.0,0.00%,F,F)



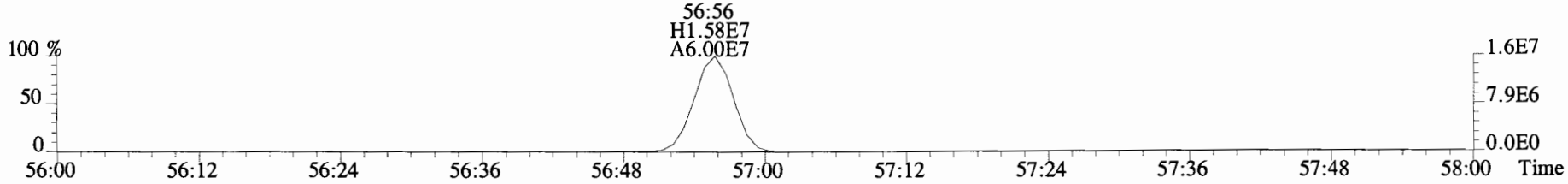
499.6797 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1276.0,0.00%,F,F)



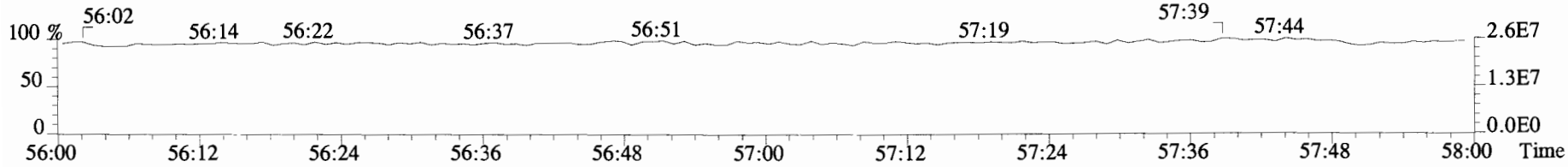
509.7229 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1564.0,0.00%,F,F)



511.7199 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1492.0,0.00%,F,F)

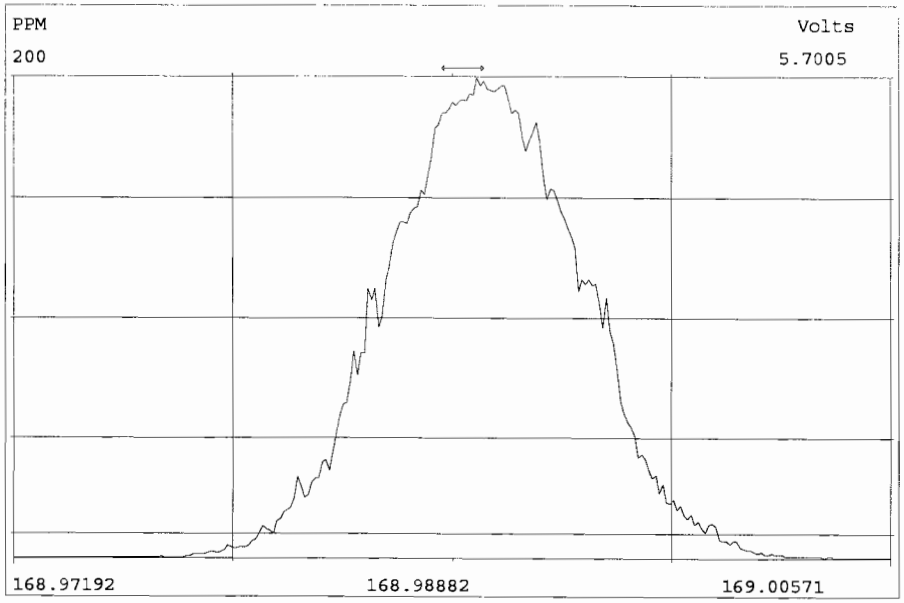


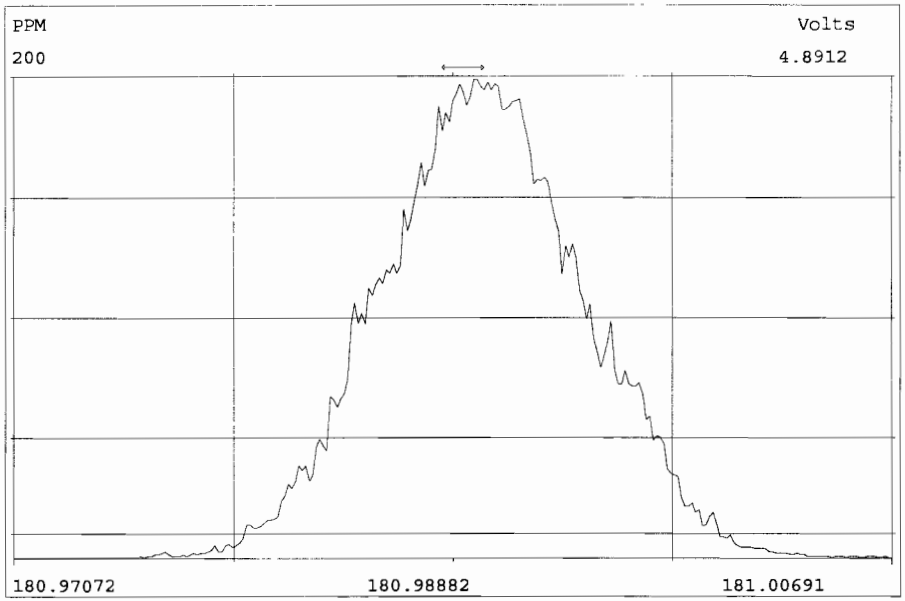
492.9697 F:5

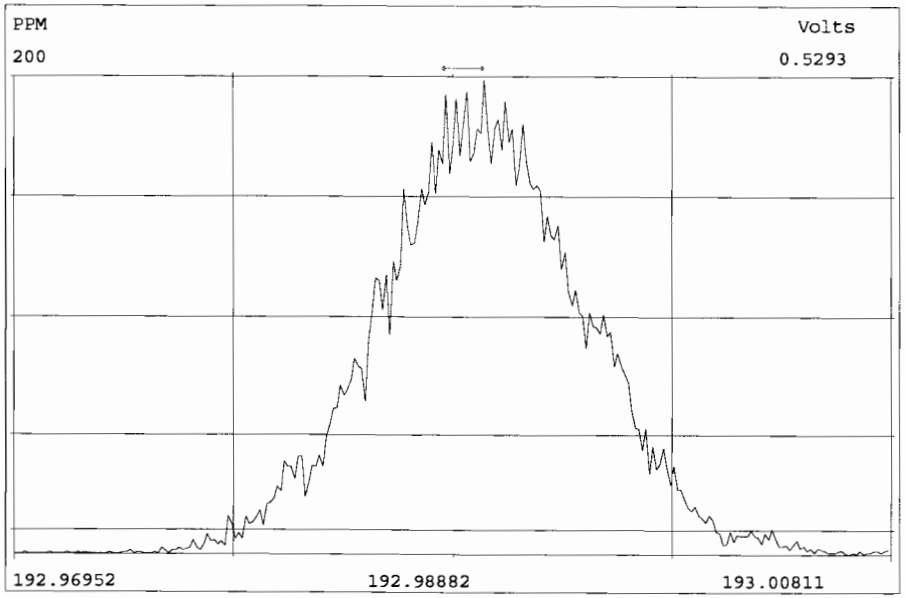


Peak Locate Examination:15-MAR-2018:01:59 File:RES_CHECK

Experiment:PCB_ZB1 Function:1 Reference:PFK

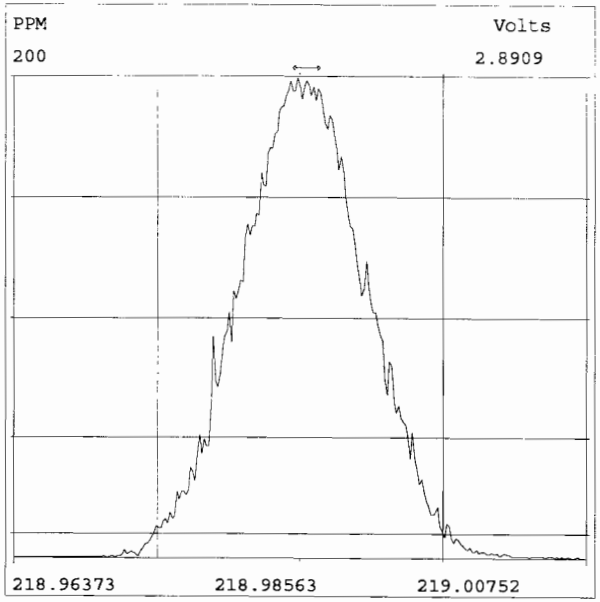


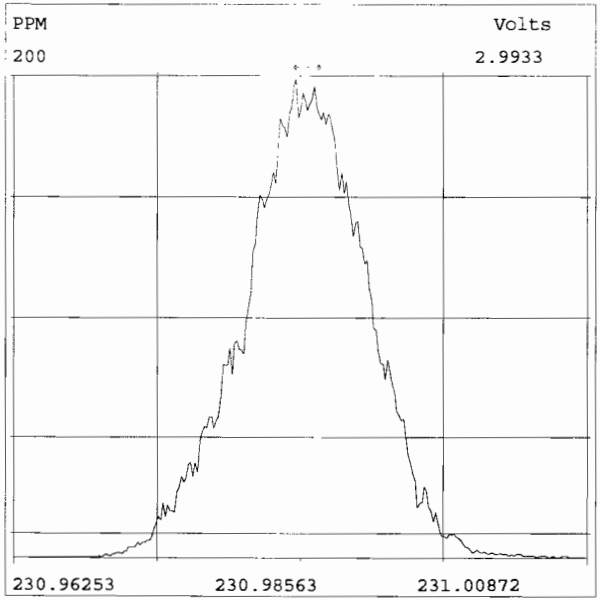


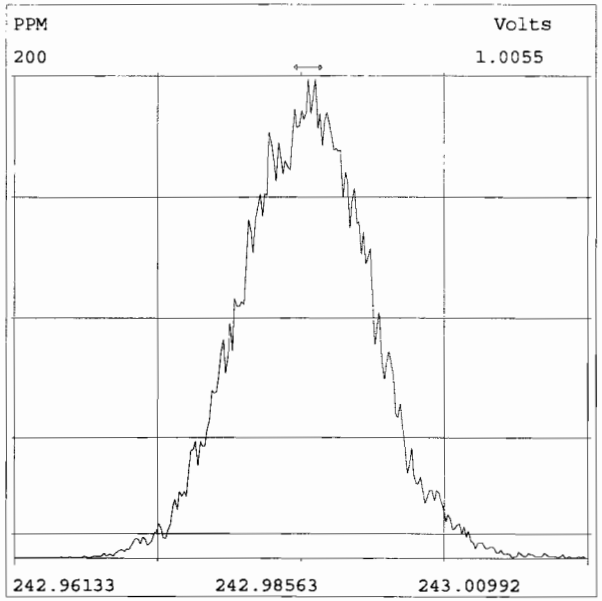


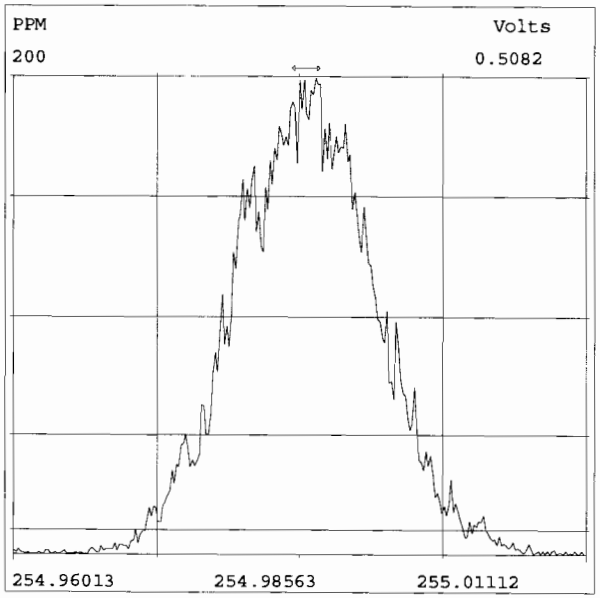
Peak Locate Examination:15-MAR-2018:02:00 File:RES_CHECK

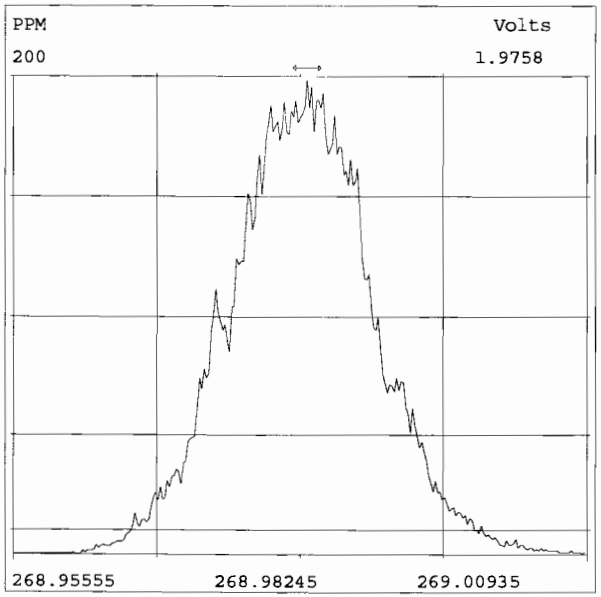
Experiment:PCB_ZB1 Function:2 Reference:PFK

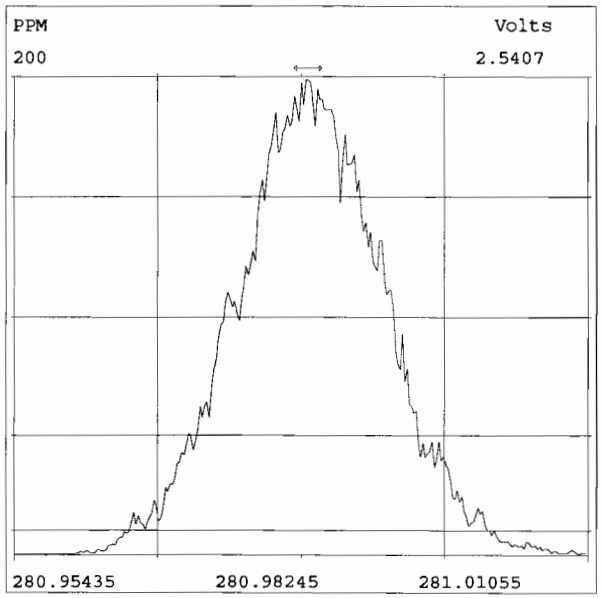






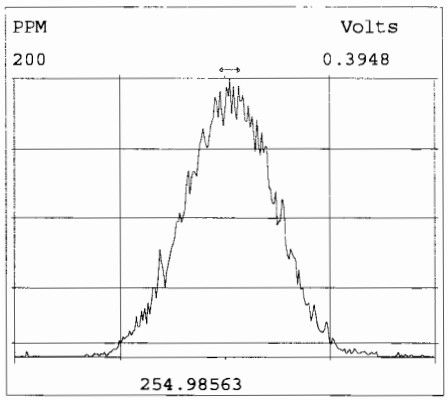


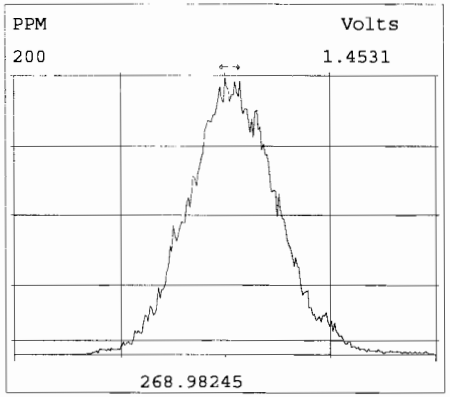


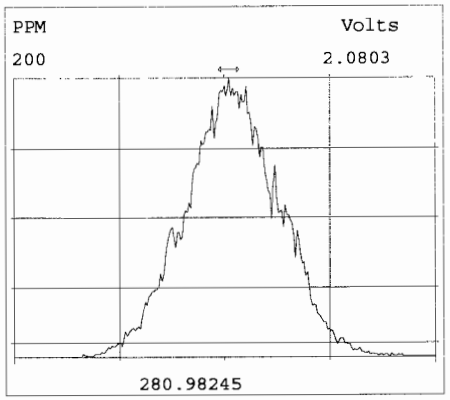


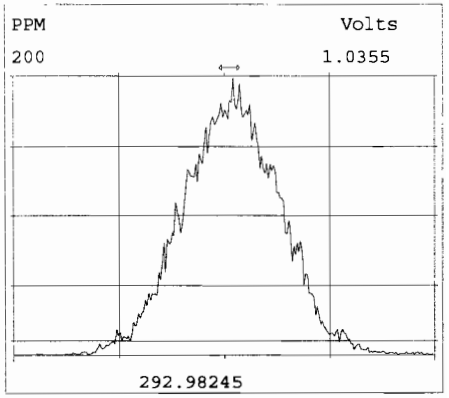
Peak Locate Examination:15-MAR-2018:02:01 File:RES_CHECK

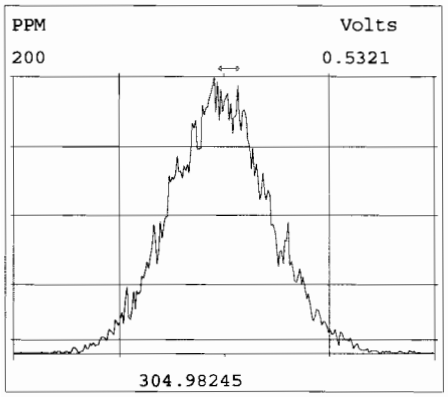
Experiment:PCB_ZB1 Function:3 Reference:PFK

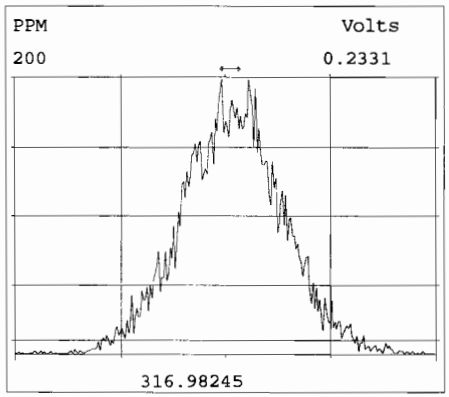


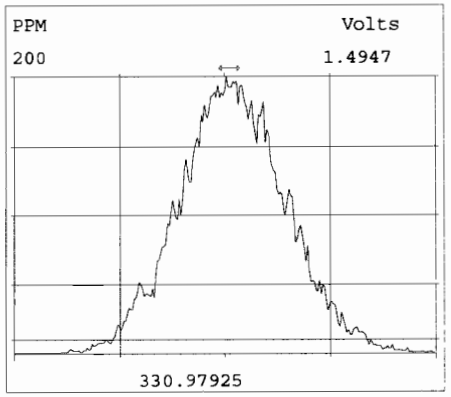


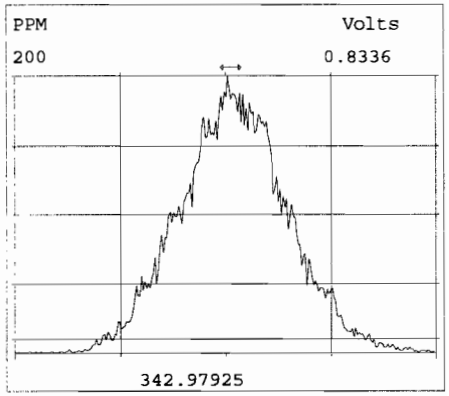


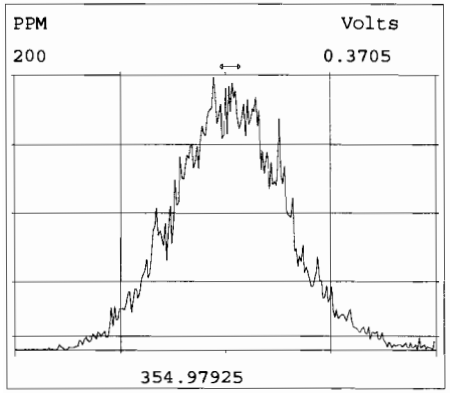


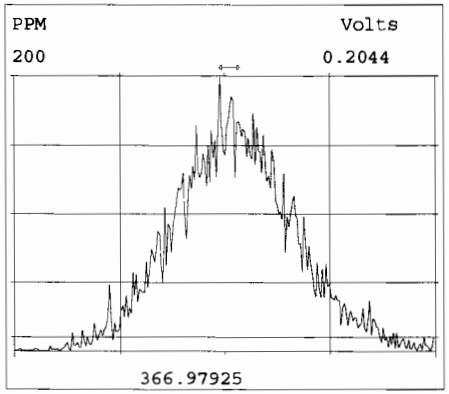


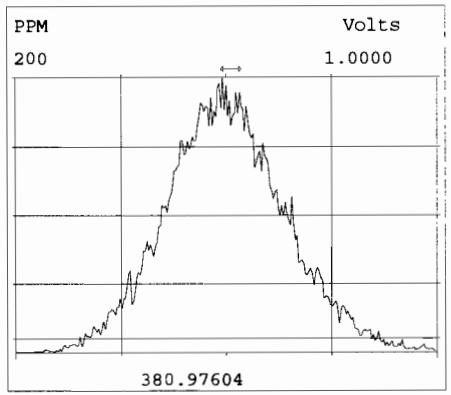






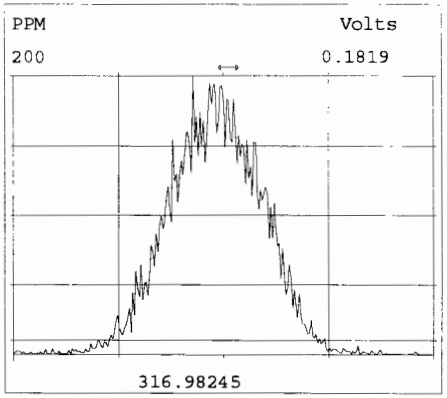


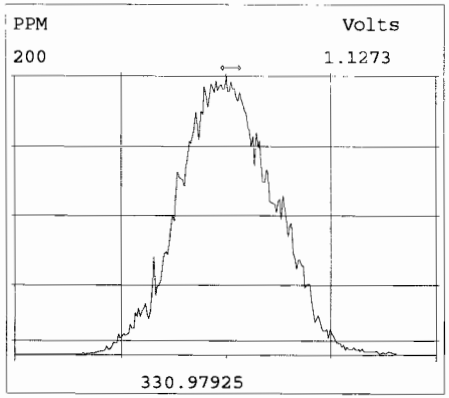


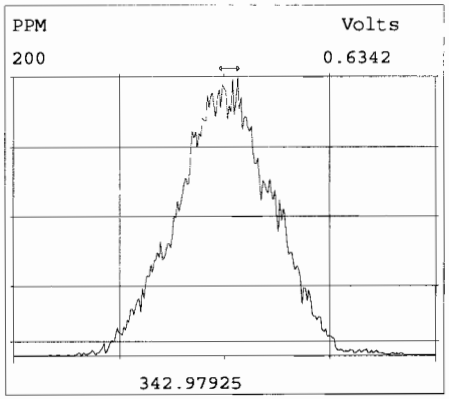


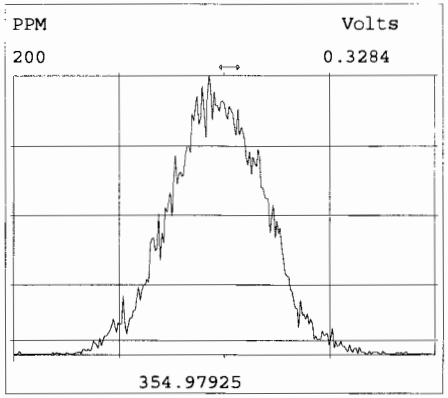
Peak Locate Examination:15-MAR-2018:02:02 File:RES_CHECK

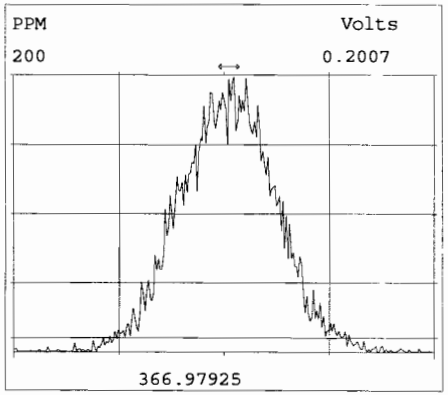
Experiment:PCB_ZB1 Function:4 Reference:PFK

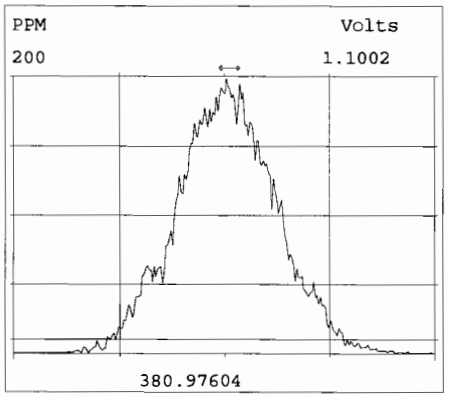


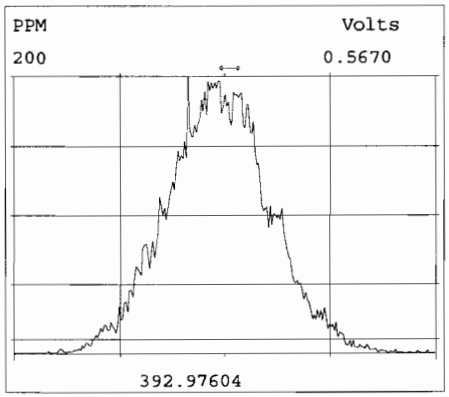


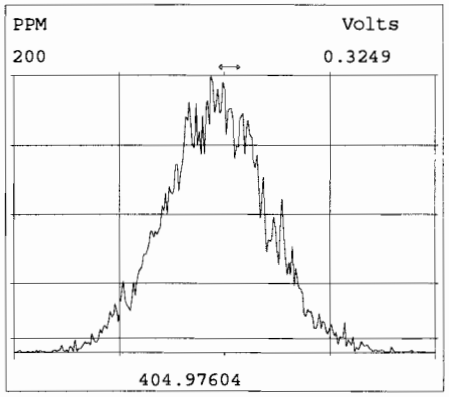


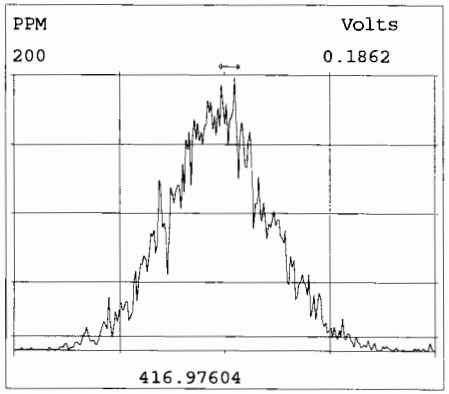


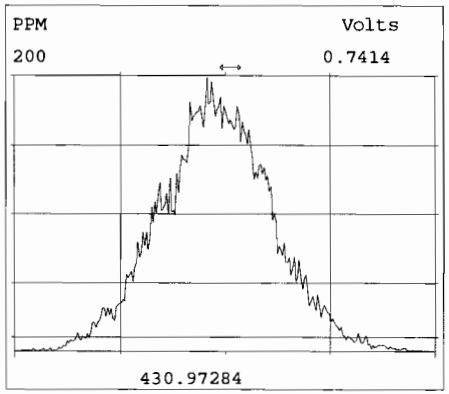


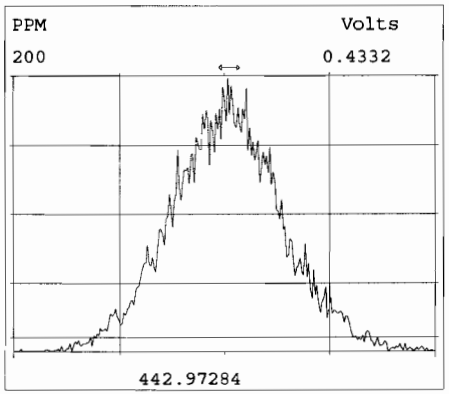






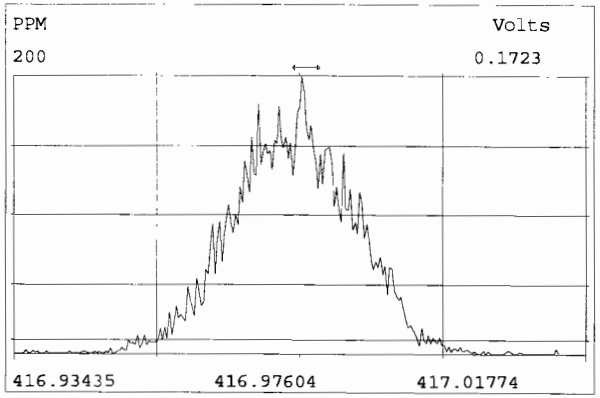


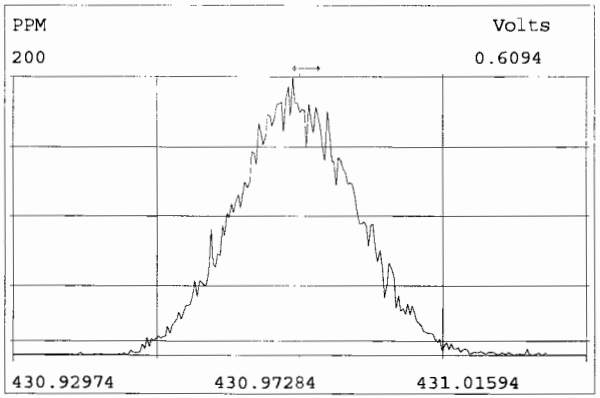


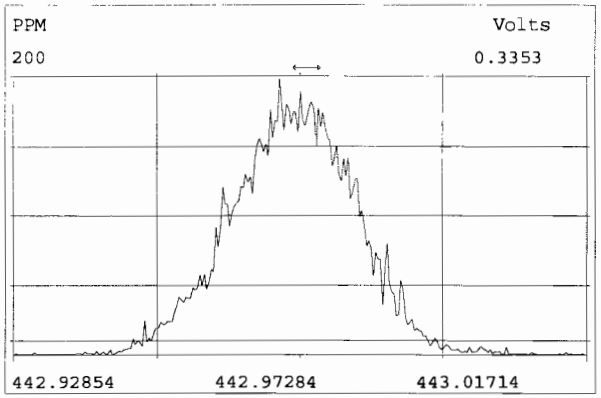


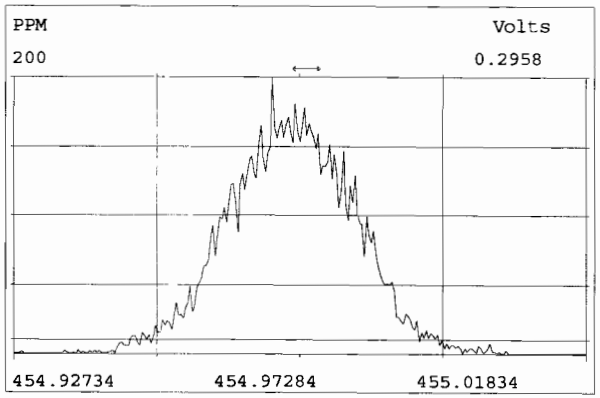
Peak Locate Examination:15-MAR-2018:02:03 File:RES_CHECK

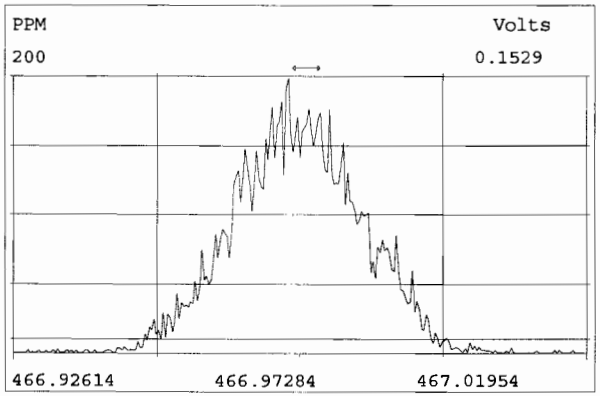
Experiment:PCB_ZB1 Function:5 Reference:PFK

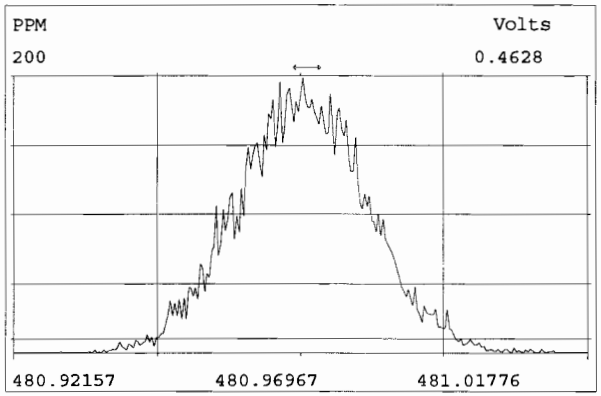


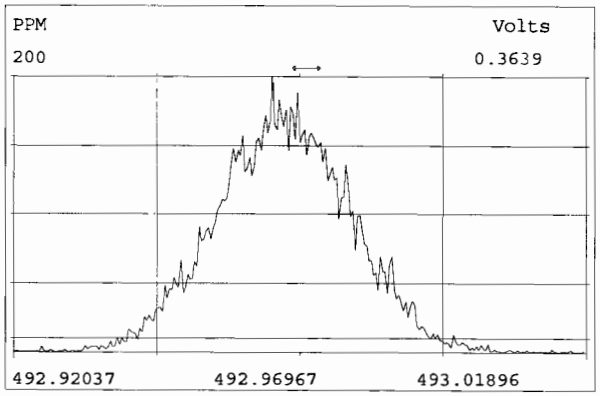


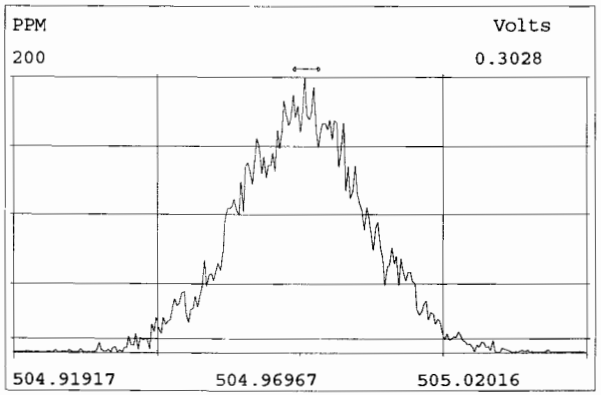


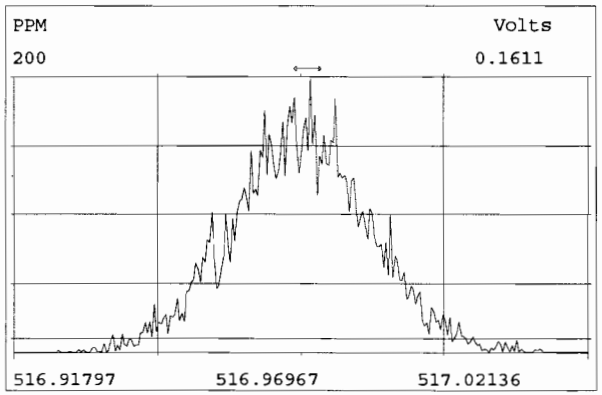












HRMS CALIBRATION STANDARDS REVIEW CHECKLIST

Beg. Calibration ID: ST180315E1-1 **Reviewed By:** CT 3/26/18
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?	MJ	
Run Log:		
- Correct instrument listed?	✓	✓
- Samples within 12 hour clock?	(Y)	N
- Bottle position verfied?	MJ	

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

Comments:

NATIVE 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180315E1-1 Instrument ID: VG-8

Initial Calibration Date: 2-8-18 ICal ID: PCBVG8-2-8-18 GC Column ID: ZB-1

VER Data Filename: 180315E1 S#1 Analysis Date: 15-MAR-18 Time: 09:28:51

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-1	2.93	2.66-3.60	y	44.7	37.5-62.5
PCB-2	3.00	2.66-3.60	y	43.8	37.5-62.5
PCB-3	2.98	2.66-3.60	y	44.4	37.5-62.5
PCB-4/10	1.59	1.33-1.79	y	94.3	75-125
PCB-7/9	1.59	1.33-1.79	y	93.1	75-125
PCB-6	1.60	1.33-1.79	y	46.9	37.5-62.5
PCB-5/8	1.60	1.33-1.79	y	94.2	75-125
PCB-14	1.58	1.33-1.79	y	48.3	37.5-62.5
PCB-11	1.60	1.33-1.79	y	46.7	37.5-62.5
PCB-12/13	1.59	1.33-1.79	y	92.2	75-125
PCB-15	1.60	1.33-1.79	y	47.7	37.5-62.5
PCB-19	1.04	0.88-1.20	y	42.8	37.5-62.5
PCB-30	1.03	0.88-1.20	y	40.7	37.5-62.5
PCB-18	1.03	0.88-1.20	y	42.4	37.5-62.5
PCB 17	1.03	0.88-1.20	y	42.4	37.5-62.5
PCB-24/27	1.04	0.88-1.20	y	86.1	75.0-125
PCB-16/32	1.04	0.88-1.20	y	85.2	75.0-125
PCB-34	1.06	0.88-1.20	y	44.7	37.5-62.5
PCB-23	1.05	0.88-1.20	y	44.5	37.5-62.5
PCB-29	1.05	0.88-1.20	y	43.7	37.5-62.5
PCB-26	1.04	0.88-1.20	y	43.7	37.5-62.5
PCB-25	1.06	0.88-1.20	y	42.8	37.5-62.5
PCB-31	1.04	0.88-1.20	y	46.0	37.5-62.5
PCB-28	1.05	0.88-1.20	y	42.4	37.5-62.5
PCB-20/21/33	1.06	0.88-1.20	y	127.8	112.5-225
PCB-22	1.05	0.88-1.20	y	41.4	37.5-62.5
PCB-36	1.06	0.88-1.20	y	48.2	37.5-62.5
PCB-39	1.05	0.88-1.20	y	48.8	37.5-62.5
PCB-38	1.06	0.88-1.20	y	47.0	37.5-62.5
PCB-35	1.06	0.88-1.20	y	46.8	37.5-62.5
PCB-37	1.07	0.88-1.20	y	47.6	37.5-62.5
PCB-54	0.77	0.65-0.89	y	45.2	37.5-62.5
PCB-50	0.77	0.65-0.89	y	42.5	37.5-62.5
PCB-53	0.77	0.65-0.89	y	48.6	37.5-62.5
PCB-51	0.77	0.65-0.89	y	46.0	37.5-62.5
PCB-45	0.77	0.65-0.89	y	46.8	37.5-62.5
PCB-46	0.77	0.65-0.89	y	47.4	37.5-62.5

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-52/69	0.77	0.65-0.89	y	87.1	75.0-125
PCB-73	0.78	0.65-0.89	y	47.6	37.5-62.5
PCB-43/49	0.78	0.65-0.89	y	91.6	75.0-125
PCB-47	0.76	0.65-0.89	y	45.2	37.5-62.5
PCB-48/75	0.78	0.65-0.89	y	89.0	75.0-125
PCB-65	0.88	0.65-0.89	y	42.1	37.5-62.5
PCB-62	0.69	0.65-0.89	y	45.9	37.5-62.5
PCB-44	0.78	0.65-0.89	y	46.2	37.5-62.5
PCB-42/59	0.77	0.65-0.89	y	91.4	75.0-125
PCB-41/64/71/72	0.78	0.65-0.89	y	171.8	150-250
PCB-68	0.78	0.65-0.89	y	42.4	37.5-62.5
PCB-40	0.76	0.65-0.89	y	44.8	37.5-62.5
PCB-57	0.78	0.65-0.89	y	43.2	37.5-62.5
PCB-67	0.78	0.65-0.89	y	43.6	37.5-62.5
PCB-58	0.78	0.65-0.89	y	44.3	37.5-62.5
PCB-63	0.78	0.65-0.89	y	44.0	37.5-62.5
PCB-74	0.78	0.65-0.89	y	44.4	37.5-62.5
PCB-61/70	0.77	0.65-0.89	y	88.0	75.0-125
PCB-76/66	0.77	0.65-0.89	y	90.2	75.0-125
PCB-80	0.78	0.65-0.89	y	45.8	37.5-62.5
PCB-55	0.78	0.65-0.89	y	45.9	37.5-62.5
PCB-56/60	0.77	0.65-0.89	y	90.8	75.0-125
PCB-79	0.78	0.65-0.89	y	43.3	37.5-62.5
PCB-78	0.77	0.65-0.89	y	44.1	37.5-62.5
PCB-81	0.78	0.65-0.89	y	46.8	37.5-62.5
PCB-77	0.78	0.65-0.89	y	44.6	37.5-62.5
PCB-104	1.57	1.32-1.78	y	41.9	37.5-62.5
PCB-96	1.59	1.32-1.78	y	40.7	37.5-62.5
PCB-103	1.55	1.32-1.78	y	39.5	37.5-62.5
PCB-100	1.56	1.32-1.78	y	40.4	37.5-62.5
PCB-94	1.59	1.32-1.78	y	42.0	37.5-62.5
PCB-95/98/102	1.57	1.32-1.78	y	126.9	112.5-225
PCB-93	1.54	1.32-1.78	y	40.3	37.5-62.5
PCB-88/91	1.54	1.32-1.78	y	80.7	75.0-125
PCB-121	1.61	1.32-1.78	y	42.3	37.5-62.5

Analyst: MJ

Date: 3/21/18

NATIVE 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180315E1-1 Instrument ID: VG-8

Initial Calibration Date: 2-8-18 ICal ID: PCBVG8-2-8-18 GC Column ID: ZB-1

VER Data Filename: 180315E1 S#1 Analysis Date: 15-MAR-18 Time: 09:28:51

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-84/92	1.58	1.32-1.78	y	86.0	75.0-125
PCB-89	1.56	1.32-1.78	y	42.7	37.5-62.5
PCB-90/101	1.58	1.32-1.78	y	85.8	75.0-125
PCB-113	1.55	1.32-1.78	y	39.5	37.5-62.5
PCB-99	1.60	1.32-1.78	y	45.5	37.5-62.5
PCB-119	1.56	1.32-1.78	y	41.9	37.5-62.5
PCB-108/112	1.56	1.32-1.78	y	82.9	75.0-125
PCB-83	1.58	1.32-1.78	y	40.6	37.5-62.5
PCB-97	1.59	1.32-1.78	y	42.6	37.5-62.5
PCB-86	1.56	1.32-1.78	y	44.1	37.5-62.5
PCB-87/117/125	1.56	1.32-1.78	y	123.9	112.5-225
PCB-111/115	1.56	1.32-1.78	y	82.9	75.0-125
PCB-85/116	1.59	1.32-1.78	y	86.2	75.0-125
PCB-120	1.56	1.32-1.78	y	40.5	37.5-62.5
PCB-110	1.57	1.32-1.78	y	42.9	37.5-62.5
PCB-82	1.57	1.32-1.78	y	44.8	37.5-62.5
PCB-124	1.55	1.32-1.78	y	43.6	37.5-62.5
PCB-107/109	1.57	1.32-1.78	y	80.7	75.0-125
PCB-123	1.58	1.32-1.78	y	43.7	37.5-62.5
PCB-106/118	1.57	1.32-1.78	y	86.3	75.0-125
PCB-114	1.57	1.32-1.78	y	44.8	37.5-62.5
PCB-122	1.60	1.32-1.78	y	46.6	37.5-62.5
PCB-105	1.60	1.32-1.78	y	45.7	37.5-62.5
PCB-127	1.61	1.32-1.78	y	45.5	37.5-62.5
PCB-126	1.62	1.32-1.78	y	46.3	37.5-62.5
PCB-155	1.28	1.05-1.43	y	42.0	37.5-62.5
PCB-150	1.26	1.05-1.43	y	42.9	37.5-62.5
PCB-152	1.26	1.05-1.43	y	43.5	37.5-62.5
PCB-145	1.25	1.05-1.43	y	43.6	37.5-62.5
PCB-136	1.27	1.05-1.43	y	41.5	37.5-62.5
PCB-148	1.28	1.05-1.43	y	45.5	37.5-62.5
PCB-154	1.25	1.05-1.43	y	42.8	37.5-62.5
PCB-151	1.28	1.05-1.43	y	43.8	37.5-62.5
PCB-135	1.26	1.05-1.43	y	44.0	37.5-62.5
PCB-144	1.28	1.05-1.43	y	43.6	37.5-62.5
PCB-147	1.28	1.05-1.43	y	45.2	37.5-62.5
PCB-139/149	1.25	1.05-1.43	y	88.3	75.0-125

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-140	1.25	1.05-1.43	y	42.5	37.5-62.5
PCB-134/143	1.23	1.05-1.43	y	89.4	75.0-125
PCB-131/133	1.23	1.05-1.43	y	88.9	75.0-125
PCB-142	1.24	1.05-1.43	y	45.5	37.5-62.5
PCB-146/165	1.24	1.05-1.43	y	88.0	75.0-125
PCB-132/161	1.24	1.05-1.43	y	88.7	75.0-125
PCB-153	1.24	1.05-1.43	y	44.9	37.5-62.5
PCB-168	1.22	1.05-1.43	y	42.6	37.5-62.5
PCB-141	1.23	1.05-1.43	y	44.5	37.5-62.5
PCB-137	1.22	1.05-1.43	y	42.6	37.5-62.5
PCB-130	1.23	1.05-1.43	y	48.0	37.5-62.5
PCB-138/163/164	1.23	1.05-1.43	y	133.5	112.5-225
PCB-158/160	1.23	1.05-1.43	y	87.8	75.0-125
PCB-129	1.24	1.05-1.43	y	45.0	37.5-62.5
PCB-166	1.24	1.05-1.43	y	43.8	37.5-62.5
PCB-159	1.24	1.05-1.43	y	45.2	37.5-62.5
PCB-128/162	1.24	1.05-1.43	y	89.8	75.0-125
PCB-167	1.24	1.05-1.43	y	44.5	37.5-62.5
PCB-156	1.23	1.05-1.43	y	43.5	37.5-62.5
PCB-157	1.24	1.05-1.43	y	43.8	37.5-62.5
PCB-169	1.24	1.05-1.43	y	44.2	37.5-62.5
PCB-188	1.04	0.89-1.21	y	43.4	37.5-62.5
PCB-184	1.02	0.89-1.21	y	44.1	37.5-62.5
PCB-179	1.04	0.89-1.21	y	42.7	37.5-62.5
PCB-176	1.04	0.89-1.21	y	42.9	37.5-62.5
PCB-186	1.04	0.89-1.21	y	43.8	37.5-62.5
PCB-178	1.05	0.89-1.21	y	44.1	37.5-62.5
PCB-175	1.04	0.89-1.21	y	43.2	37.5-62.5
PCB-182/187	1.04	0.89-1.21	y	88.0	75.0-125
PCB-183	1.04	0.89-1.21	y	44.5	37.5-62.5
PCB-185	1.05	0.89-1.21	y	45.8	37.5-62.5
PCB-174	1.04	0.89-1.21	y	43.3	37.5-62.5
PCB-181	1.05	0.89-1.21	y	48.6	37.5-62.5
PCB-177	1.05	0.89-1.21	y	47.0	37.5-62.5
PCB-171	1.04	0.89-1.21	y	45.8	37.5-62.5
PCB-173	1.05	0.89-1.21	y	45.3	37.5-62.5
PCB-172	1.05	0.89-1.21	y	45.2	37.5-62.5

Analyst: MI

Date: 3/21/18

NATIVE 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180315E1-1 Instrument ID: VG-8

Initial Calibration Date: 2-8-18 ICal ID: PCBVG8-2-8-18 GC Column ID: ZB-1

VER Data Filename: 180315E1 S#1 Analysis Date: 15-MAR-18 Time: 09:28:51

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-192	1.04	0.89-1.21	y	45.9	37.5-62.5
PCB-180	1.03	0.89-1.21	y	45.7	37.5-62.5
PCB-193	1.02	0.89-1.21	y	43.6	37.5-62.5
PCB-191	1.06	0.89-1.21	y	45.2	37.5-62.5
PCB-170	1.06	0.89-1.21	y	45.2	37.5-62.5
PCB-190	1.06	0.89-1.21	y	45.0	37.5-62.5
PCB-189	1.04	0.89-1.21	y	44.5	37.5-62.5
PCB-202	0.89	0.76-1.02	y	44.2	37.5-62.5
PCB-201	0.88	0.76-1.02	y	43.7	37.5-62.5
PCB-204	0.89	0.76-1.02	y	42.1	37.5-62.5
PCB-197	0.90	0.76-1.02	y	40.5	37.5-62.5
PCB-200	0.90	0.76-1.02	y	42.0	37.5-62.5
PCB-198	0.89	0.76-1.02	y	41.5	37.5-62.5
PCB-199	0.89	0.76-1.02	y	41.1	37.5-62.5
PCB-196/203	0.89	0.76-1.02	y	84.3	75.0-125
PCB-195	0.91	0.76-1.02	y	46.7	37.5-62.5
PCB-194	0.90	0.76-1.02	y	45.8	37.5-62.5
PCB-205	0.90	0.76-1.02	y	46.6	37.5-62.5
PCB-208	1.31	1.14-1.54	y	46.4	37.5-62.5
PCB-207	1.32	1.14-1.54	y	46.4	37.5-62.5
PCB-206	1.31	1.14-1.54	y	46.0	37.5-62.5
PCB-209	1.17	0.99-1.33	y	44.0	37.5-62.5

Analyst: MI

Date: 3/21/18

LABELED 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180315E1-1 Instrument ID: VG-8

Initial Calibration Date: 2-8-18 ICal ID: PCBVG8-2-8-18 GC Column ID: ZB-1

VER Data Filename: 180315E1 S#1 Analysis Date: 15-MAR-18 Time: 09:28:51

LABELED IS	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
13C-PCB-1	3.15	2.66-3.60	y	109.0	50.0-145
13C-PCB-3	3.10	2.66-3.60	y	109.1	50.0-145
13C-PCB-4	1.58	1.33-1.79	y	105.4	50.0-145
13C-PCB-9	1.57	1.33-1.79	y	104.0	50.0-145
13C-PCB-11	1.55	1.33-1.79	y	102.0	50.0-145
13C-PCB-19	1.05	0.88-1.20	y	126.4	50.0-145
13C-PCB-32	1.06	0.88-1.20	y	122.4	50.0-145
13C-PCB-28	1.04	0.88-1.20	y	118.5	50.0-145
13C-PCB-37	1.04	0.88-1.20	y	100.5	50.0-145
13C-PCB-54	0.80	0.65-0.89	y	116.6	50.0-145
13C-PCB-52	0.78	0.65-0.89	y	102.4	50.0-145
13C-PCB-47	0.79	0.65-0.89	y	103.9	50.0-145
13C-PCB-70	0.80	0.65-0.89	y	100.9	50.0-145
13C-PCB-80	0.79	0.65-0.89	y	100.1	50.0-145
13C-PCB-81	0.78	0.65-0.89	y	97.3	50.0-145
13C-PCB-77	0.79	0.65-0.89	y	98.0	50.0-145
13C-PCB-104	1.55	1.32-1.78	y	104.2	50.0-145
13C-PCB-95	1.56	1.32-1.78	y	101.0	50.0-145
13C-PCB-101	1.55	1.32-1.78	y	98.4	50.0-145
13C-PCB-97	1.59	1.32-1.78	y	101.1	50.0-145
13C-PCB-123	1.55	1.32-1.78	y	100.8	50.0-145
13C-PCB-118	1.59	1.32-1.78	y	99.1	50.0-145
13C-PCB-114	1.60	1.32-1.78	y	87.3	50.0-145
13C-PCB-105	1.59	1.32-1.78	y	88.5	50.0-145
13C-PCB-127	1.57	1.32-1.78	y	87.4	50.0-145
13C-PCB-126	1.56	1.32-1.78	y	86.3	50.0-145
13C-PCB-155	1.24	1.05-1.43	y	130.9	50.0-145
13C-PCB-153	1.26	1.05-1.43	y	98.6	50.0-145
13C-PCB-141	1.25	1.05-1.43	y	98.0	50.0-145
13C-PCB-138	1.28	1.05-1.43	y	98.1	50.0-145
13C-PCB-159	1.27	1.05-1.43	y	97.1	50.0-145
13C-PCB-167	1.28	1.05-1.43	y	98.1	50.0-145
13C-PCB-156	1.26	1.05-1.43	y	95.7	50.0-145
13C-PCB-157	1.25	1.05-1.43	y	96.9	50.0-145

LABELED IS	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
13C-PCB-169	1.26	1.05-1.43	y	91.9	50 - 145
13C-PCB-188	0.45	0.38-0.52	y	100.9	50 - 145
13C-PCB-180	0.45	0.38-0.52	y	96.3	50 - 145
13C-PCB-170	0.46	0.38-0.52	y	96.4	50 - 145
13C-PCB-189	0.46	0.38-0.52	y	93.9	50 - 145
13C-PCB-202	0.90	0.76-1.02	y	126.4	50 - 145
13C-PCB-194	0.91	0.76-1.02	y	100.0	50 - 145
13C-PCB-208	0.77	0.65-0.89	y	105.6	50 - 145
13C-PCB-206	0.78	0.65-0.89	y	110.2	50 - 145
13C-PCB-209	1.20	0.99-1.33	y	138.6	50 - 145

CRS vs. RS

13C-PCB-79	0.79	0.65-0.89	y	94.3	75 - 125
13C-PCB-178	0.45	0.38-0.52	y	99.6	75 - 125

Analyst: MN

Date: 3/21/18

Client ID: PCB CS3 17L3006 Filename: 180315E1 S:1 Acq:15-MAR-18 09:28:51 ConCal: ST180315E1-1
Lab ID: ST180315E1-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.0000 EndCAL: NA

	Name	Resp	RA		RRF	RT	RRT	LCL	UCL	Conc
	PCB-1	1.39e+08	2.93	y	1.07	16:01	1.001	0.996	1.006	44.7026
	PCB-2	1.44e+08	3.00	y	1.06	18:25	0.988	0.983	0.993	43.7707
	PCB-3	1.46e+08	2.98	y	1.06	18:39	1.001	0.996	1.006	44.4058
	PCB-4/10	1.72e+08	1.59	y	1.24	20:02	1.002	0.998	1.008	94.3150
	PCB-7/9	2.13e+08	1.59	y	0.99	21:50	0.867	0.863	0.871	93.0723
	PCB-6	1.14e+08	1.60	y	1.06	22:29	0.893	0.888	0.897	46.8819
	PCB-5/8	2.23e+08	1.60	y	1.03	22:53	0.909	0.904	0.913	94.1535
	PCB-14	1.13e+08	1.58	y	1.03	24:00	0.953	0.948	0.958	48.2984
	PCB-11	1.18e+08	1.60	y	1.11	25:12	1.001	0.996	1.006	46.6855
	PCB-12/13	2.13e+08	1.59	y	1.02	25:35	1.016	1.011	1.021	92.2424
	PCB-15	1.14e+08	1.60	y	1.05	25:54	1.029	1.023	1.033	47.6783
	PCB-19	9.48e+07	1.04	y	1.20	24:11	1.001	0.996	1.006	42.7734
	PCB-30	1.45e+08	1.03	y	1.93	25:04	1.038	1.034	1.044	40.7322
	PCB-18	1.01e+08	1.03	y	0.91	25:49	0.953	0.948	0.958	42.4175
	PCB-17	9.34e+07	1.03	y	0.84	26:00	0.960	0.955	0.965	42.4491
	PCB-24/27	2.59e+08	1.04	y	1.15	26:35	0.981	0.977	0.986	86.0906
-	PCB-16/32	2.27e+08	1.04	y	1.02	27:05	1.000	0.995	1.005	85.2394
-	PCB-34	9.63e+07	1.06	y	0.96	27:53	0.960	0.955	0.965	44.6526
	PCB-23	9.49e+07	1.05	y	0.95	27:59	0.964	0.958	0.968	44.4761
	PCB-29	9.44e+07	1.05	y	0.96	28:14	0.972	0.966	0.976	43.6654
	PCB-26	9.86e+07	1.04	y	1.00	28:26	0.979	0.974	0.984	43.7348
	PCB-25	1.02e+08	1.06	y	1.06	28:36	0.985	0.980	0.990	42.8279
	PCB-31	1.13e+08	1.04	y	1.10	28:58	0.997	0.992	1.002	45.9751
	PCB-28	1.08e+08	1.05	y	1.14	29:04	1.001	0.995	1.005	42.4020
	PCB-20/21/33	2.86e+08	1.06	y	1.00	29:40	1.021	1.017	1.027	127.844
	PCB-22	1.01e+08	1.05	y	1.09	30:07	1.037	1.032	1.042	41.3817
	PCB-36	1.03e+08	1.06	y	1.15	30:45	0.934	0.929	0.939	48.2237
	PCB-39	9.66e+07	1.05	y	1.07	31:12	0.948	0.943	0.953	48.7614
	PCB-38	9.59e+07	1.06	y	1.10	31:59	0.971	0.966	0.976	46.9792
	PCB-35	9.73e+07	1.06	y	1.12	32:31	0.988	0.982	0.992	46.7850
	PCB-37	9.80e+07	1.07	y	1.11	32:57	1.001	0.996	1.006	47.5640
	PCB-54	1.12e+08	0.77	y	1.07	27:56	1.001	0.996	1.006	45.2343
	PCB-50	8.54e+07	0.77	y	0.87	29:07	1.043	1.038	1.048	42.5178
	PCB-53	8.15e+07	0.77	y	1.01	29:46	0.946	0.940	0.950	48.5591
	PCB-51	8.40e+07	0.77	y	1.10	30:06	0.957	0.952	0.962	45.9794
	PCB-45	6.78e+07	0.77	y	0.87	30:32	0.970	0.965	0.975	46.7699
	PCB-46	6.59e+07	0.77	y	0.84	31:01	0.986	0.980	0.990	47.4030

Name	Resp	RA		RRF	RT	RRT	LCL	UCL	Conc
PCB-52/69	1.75e+08	0.77	y	1.212	31:30	1.001	0.996	1.006	87.0548
PCB-73	1.15e+08	0.78	y	1.453	31:37	1.005	1.000	1.010	47.5934
PCB-43/49	1.54e+08	0.78	y	1.011	31:47	1.010	1.005	1.015	91.6226
PCB-47	7.53e+07	0.76	y	0.906	31:59	1.001	0.995	1.005	45.1859
PCB-48/75	1.85e+08	0.78	y	1.134	32:06	1.004	0.999	1.009	88.9810
PCB-65	9.84e+07	0.88	y	1.271	32:22	1.012	1.007	1.017	42.0968
PCB-62	9.26e+07	0.69	y	1.096	32:29	1.016	1.011	1.021	45.9372
PCB-44	7.26e+07	0.78	y	0.855	32:47	1.025	1.020	1.030	46.1731
PCB-42/59	1.71e+08	0.77	y	1.021	33:01	1.033	1.027	1.037	91.3806
PCB-41/64/71/72	3.68e+08	0.78	y	1.166	33:36	1.051	1.046	1.056	171.770
PCB-68	9.95e+07	0.78	y	1.278	33:51	1.059	1.054	1.064	42.3656
PCB-40	5.14e+07	0.76	y	0.624	34:04	1.066	1.060	1.070	44.7800
PCB-57	1.04e+08	0.78	y	1.129	34:26	0.970	0.965	0.975	43.2435
PCB-67	1.03e+08	0.78	y	1.103	34:44	0.979	0.973	0.983	43.5613
PCB-58	1.06e+08	0.78	y	1.123	34:51	0.982	0.977	0.987	44.3434
PCB-63	9.41e+07	0.78	y	1.001	35:01	0.986	0.981	0.991	44.0022
PCB-74	1.12e+08	0.78	y	1.184	35:18	0.994	0.989	0.999	44.4113
PCB-61/70	1.93e+08	0.77	y	1.028	35:28	0.999	0.994	1.004	87.9988
PCB-76/66	2.19e+08	0.77	y	1.134	35:41	1.006	1.000	1.010	90.2231
PCB-80	1.16e+08	0.78	y	1.193	35:56	1.000	0.995	1.005	45.7971
PCB-55	1.13e+08	0.78	y	1.159	36:14	1.009	1.004	1.014	45.9302
PCB-56/60	2.00e+08	0.77	y	1.043	36:45	1.023	1.018	1.028	90.8191
PCB-79	1.07e+08	0.78	y	1.169	37:49	1.053	1.047	1.057	43.3426
PCB-78	1.01e+08	0.77	y	1.105	38:30	0.987	0.982	0.992	44.1312
PCB-81	9.43e+07	0.78	y	0.969	39:01	1.000	0.995	1.005	46.7916
PCB-77	9.64e+07	0.78	y	1.082	39:38	1.000	0.995	1.005	44.6344
PCB-104	8.90e+07	1.57	y	1.078	32:38	1.000	0.996	1.006	41.8554
PCB-96	9.07e+07	1.59	y	1.131	33:53	1.039	1.034	1.044	40.6656
PCB-103	7.06e+07	1.55	y	0.908	34:26	1.056	1.051	1.061	39.4554
PCB-100	7.37e+07	1.56	y	0.925	34:48	1.067	1.062	1.072	40.4085
PCB-94	5.85e+07	1.59	y	0.914	35:16	0.986	0.981	0.991	42.0229
PCB-95/98/102	2.26e+08	1.57	y	1.172	35:45	0.999	0.994	1.004	126.883
PCB-93	5.68e+07	1.54	y	0.926	35:53	1.003	0.997	1.007	40.2984
PCB-88/91	1.20e+08	1.54	y	0.974	36:10	1.011	1.005	1.015	80.6978
PCB-121	1.08e+08	1.61	y	1.681	36:17	1.014	1.009	1.019	42.2513
PCB-84/92	1.24e+08	1.58	y	0.973	37:07	0.991	0.985	0.995	85.9540
PCB-89	6.74e+07	1.56	y	1.065	37:17	0.995	0.990	1.000	42.6959

Integrations by Analyst: MI
Date: 3/21/18

Reviewed by Analyst: CT
Date: 3/26/18

Client ID: PCB CS3 17L3006 Filename: 180315E1 S:1 Acq:15-MAR-18 09:28:51 ConCal: ST180315E1-1
Lab ID: ST180315E1-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.0000 EndCAL: NA

	Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc
	PCB-90/101	1.37e+08	1.58 y	1.08	37:28	1.000	0.995	1.005	85.8097
	PCB-113	8.65e+07	1.55 y	1.48	37:43	1.007	1.002	1.012	39.4986
	PCB-99	8.47e+07	1.60 y	1.25	37:49	1.009	1.004	1.014	45.5466
	PCB-119	9.49e+07	1.56 y	1.70	38:16	0.987	0.982	0.992	41.8680
	PCB-108/112	1.55e+08	1.56 y	1.40	38:26	0.991	0.986	0.996	82.9166
	PCB-83	9.48e+07	1.58 y	1.75	38:35	0.995	0.990	1.000	40.5706
	PCB-97	6.67e+07	1.59 y	1.17	38:48	1.001	0.995	1.005	42.5722
	PCB-86	6.36e+07	1.56 y	1.08	38:56	1.004	0.999	1.009	44.1239
	B-87/117/125	2.56e+08	1.56 y	1.55	39:04	1.008	1.002	1.012	123.881
	PCB-111/115	1.98e+08	1.56 y	1.79	39:13	1.011	1.006	1.016	82.9120
	PCB-85/116	1.48e+08	1.59 y	1.29	39:21	1.015	1.009	1.019	86.1971
	PCB-120	1.07e+08	1.56 y	1.98	39:36	1.021	1.016	1.026	40.5324
	PCB-110	9.64e+07	1.57 y	1.69	39:44	1.025	1.020	1.030	42.9001
	PCB-82	6.47e+07	1.57 y	0.81	40:21	0.976	0.972	0.982	44.8070
	PCB-124	1.01e+08	1.55 y	1.30	41:02	0.993	0.988	0.998	43.5545
	PCB-107/109	1.90e+08	1.57 y	1.31	41:11	0.996	0.991	1.001	80.7384
	PCB-123	8.75e+07	1.58 y	1.12	41:21	1.000	0.996	1.006	43.6621
-	PCB-106/118	1.89e+08	1.57 y	1.18	41:33	1.001	0.996	1.006	86.3456
-	PCB-114	6.66e+07	1.57 y	1.11	42:10	1.000	0.995	1.005	44.7519
	PCB-122	6.41e+07	1.60 y	1.03	42:18	1.003	0.999	1.009	46.6028
	PCB-105	6.72e+07	1.60 y	1.12	43:02	1.000	0.995	1.005	45.7290
	PCB-127	7.16e+07	1.61 y	1.12	43:23	1.000	0.995	1.005	45.5218
	PCB-126	7.07e+07	1.62 y	1.20	45:16	1.000	0.995	1.005	46.3483
	PCB-155	8.41e+07	1.28 y	0.99	37:02	1.001	0.995	1.005	41.9690
	PCB-150	8.92e+07	1.26 y	1.02	38:18	1.035	1.030	1.040	42.8661
	PCB-152	1.02e+08	1.26 y	1.16	38:46	1.047	1.042	1.052	43.5060
	PCB-145	1.00e+08	1.25 y	1.13	39:13	1.059	1.054	1.064	43.6294
	PCB-136	8.62e+07	1.27 y	1.02	39:32	1.068	1.063	1.073	41.4724
	PCB-148	7.14e+07	1.28 y	0.77	39:39	1.071	1.066	1.076	45.4587
	PCB-154	7.62e+07	1.25 y	0.88	40:08	1.084	1.079	1.089	42.8397
	PCB-151	6.69e+07	1.28 y	0.75	40:47	1.102	1.095	1.107	43.8062
	PCB-135	7.69e+07	1.26 y	0.86	40:60	1.107	1.101	1.113	44.0245
	PCB-144	6.79e+07	1.28 y	0.77	41:06	1.110	1.105	1.116	43.6477
	PCB-147	7.39e+07	1.28 y	0.80	41:14	1.114	1.108	1.120	45.2382
	PCB-139/149	1.58e+08	1.25 y	0.88	41:30	1.121	1.115	1.127	88.3270
-	PCB-140	6.65e+07	1.25 y	0.77	41:41	1.126	1.120	1.132	42.5433
-	PCB-134/143	1.16e+08	1.23 y	0.76	42:07	0.975	0.970	0.980	89.3610

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc
PCB-131/133	1.24e+08	1.23 y	0.82	42:24	0.982	0.977	0.987	88.8701
PCB-142	5.69e+07	1.24 y	0.73	42:33	0.985	0.981	0.991	45.5241
PCB-146/165	1.53e+08	1.24 y	1.02	42:47	0.991	0.986	0.996	87.9680
PCB-132/161	1.52e+08	1.24 y	1.00	43:02	0.996	0.992	1.002	88.7063
PCB-153	8.26e+07	1.24 y	1.08	43:12	1.000	0.995	1.005	44.9389
PCB-168	8.13e+07	1.22 y	1.12	43:25	1.005	1.000	1.010	42.6379
PCB-141	6.38e+07	1.23 y	1.02	43:57	1.001	0.995	1.005	44.5399
PCB-137	6.61e+07	1.22 y	1.10	44:19	1.009	1.004	1.014	42.6177
PCB-130	5.43e+07	1.23 y	0.81	44:26	1.012	1.007	1.017	47.9710
PCB-138/163/164	2.46e+08	1.23 y	1.23	44:48	1.001	0.996	1.006	133.475
PCB-158/160	1.55e+08	1.23 y	1.18	45:03	1.006	1.001	1.011	87.7632
PCB-129	5.25e+07	1.24 y	0.78	45:16	1.011	1.007	1.017	44.9626
PCB-166	8.62e+07	1.24 y	1.13	45:44	0.993	0.988	0.998	43.8015
PCB-159	9.14e+07	1.24 y	1.16	46:04	1.000	0.995	1.005	45.2351
PCB-128/162	1.40e+08	1.24 y	0.89	46:21	1.007	1.002	1.012	89.7849
PCB-167	8.08e+07	1.24 y	1.02	46:44	1.000	0.995	1.005	44.5450
PCB-156	7.93e+07	1.23 y	1.06	48:02	1.000	0.995	1.005	43.4720
PCB-157	7.74e+07	1.24 y	1.02	48:18	1.000	0.996	1.006	43.8439
PCB-169	8.27e+07	1.24 y	1.13	50:31	1.000	0.995	1.005	44.2486
PCB-188	8.97e+07	1.04 y	1.37	42:50	1.001	0.995	1.005	43.3547
PCB-184	8.77e+07	1.02 y	1.32	43:17	1.011	1.006	1.016	44.1430
PCB-179	8.91e+07	1.04 y	1.38	44:04	1.029	1.024	1.034	42.6918
PCB-176	8.45e+07	1.04 y	1.31	44:31	1.040	1.035	1.045	42.8573
PCB-186	9.38e+07	1.04 y	1.42	45:08	1.054	1.049	1.059	43.8044
PCB-178	6.44e+07	1.05 y	0.97	45:38	1.066	1.060	1.070	44.0916
PCB-175	6.50e+07	1.04 y	1.00	45:58	1.074	1.069	1.079	43.1827
PCB-182/187	1.51e+08	1.04 y	1.14	46:09	1.078	1.072	1.082	87.9514
PCB-183	7.57e+07	1.04 y	1.13	46:28	1.085	1.080	1.090	44.5495
PCB-185	6.24e+07	1.05 y	1.36	47:07	0.956	0.950	0.960	45.8155
PCB-174	6.16e+07	1.04 y	1.42	47:28	0.963	0.958	0.968	43.3095
PCB-181	7.20e+07	1.05 y	1.48	47:35	0.965	0.960	0.970	48.5672
PCB-177	6.27e+07	1.05 y	1.33	47:45	0.969	0.963	0.973	46.9856
PCB-171	6.30e+07	1.04 y	1.37	48:03	0.975	0.969	0.979	45.7767
PCB-173	5.77e+07	1.05 y	1.27	48:28	0.983	0.978	0.988	45.2847
PCB-172	6.30e+07	1.05 y	1.39	48:56	0.992	0.987	0.997	45.2217
PCB-192	8.32e+07	1.04 y	1.80	49:07	0.996	0.991	1.001	45.9214
PCB-180	6.96e+07	1.03 y	1.52	49:19	1.000	0.995	1.005	45.6742

Integrations by Analyst: MN

Date: 3/21/18

Client ID: PCB CS3 17L3006 Filename: 180315E1 S:1 Acq:15-MAR-18 09:28:51 ConCal: ST180315E1-1

Lab ID: ST180315E1-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.0000 EndCAL: NA

	Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc
	PCB-193	7.50e+07	1.02 y	1.71	49:32	1.005	0.999	1.009	43.6197
	PCB-191	7.89e+07	1.06 y	1.74	49:47	1.010	1.005	1.015	45.1609
	PCB-170	5.74e+07	1.06 y	1.44	50:55	1.000	0.995	1.005	45.2412
	PCB-190	7.77e+07	1.06 y	1.95	51:07	1.004	0.999	1.009	44.9606
	PCB-189	7.47e+07	1.04 y	1.46	52:32	1.000	0.995	1.005	44.5260
	PCB-202	8.11e+07	0.89 y	1.06	48:15	1.001	0.995	1.005	44.2183
	PCB-201	7.39e+07	0.88 y	0.98	48:44	1.011	1.006	1.016	43.7172
	PCB-204	7.79e+07	0.89 y	1.07	48:54	1.014	1.009	1.019	42.0759
	PCB-197	7.69e+07	0.90 y	1.10	49:11	1.020	1.015	1.025	40.4612
	PCB-200	7.57e+07	0.90 y	1.04	50:06	1.039	1.034	1.044	42.0155
	PCB-198	6.02e+07	0.89 y	0.84	51:34	1.069	1.065	1.075	41.4800
	PCB-199	5.69e+07	0.89 y	0.80	51:41	1.072	1.067	1.077	41.1472
-	PCB-196/203	1.23e+08	0.89 y	0.84	51:59	1.078	1.072	1.082	84.3193
-	PCB-195	4.49e+07	0.91 y	1.04	53:13	0.984	0.979	0.989	46.7070
	PCB-194	4.92e+07	0.90 y	1.16	54:06	1.000	0.995	1.005	45.8277
	PCB-205	5.76e+07	0.90 y	1.33	54:22	1.005	1.000	1.010	46.5945
	PCB-208	5.79e+07	1.31 y	0.90	53:22	1.000	0.995	1.005	46.4367
	PCB-207	5.74e+07	1.32 y	0.89	53:41	1.006	1.001	1.011	46.4272
	PCB-206	4.36e+07	1.31 y	0.88	55:40	1.000	0.995	1.005	45.9507
	PCB-209	5.65e+07	1.17 y	1.04	56:59	1.000	0.995	1.005	44.0472

Name	Resp	RA	RT	RRF	Conc	
Total Mono-PCB	4.29e+08	2.93 y	16:01	1.06	132.879	
Total Di-PCB	1.28e+09	1.59 y	20:02	1.04	564.893	
Total Tri-PCB	9.21e+08	1.04 y	24:11	1.15	339.702	
Total Tri-PCB	1.61e+09	1.06 y	27:53	1.05	726.473	Sum:1066.18
Total Tetra-PCB	3.95e+09	0.77 y	27:56	1.06	1896.94	
Total Penta-PCB	3.31e+09	1.57 y	32:38	1.18	1723.17	
Total Penta-PCB	3.60e+08	1.57 y	42:10	1.12	241.992	Sum:1965.16
Total Hexa-PCB	1.12e+09	1.28 y	37:02	0.91	609.328	
Total Hexa-PCB	2.07e+09	1.23 y	42:07	1.00	1259.05	Sum:1868.38
Total Hepta-PCB	1.77e+09	1.04 y	42:50	1.35	1079.77	
Total Octa-PCB	6.25e+08	0.89 y	48:15	0.95	379.435	
Total Octa-PCB	1.55e+08	0.91 y	53:13	1.17	142.251	Sum:521.686
Total Nona-PCB	1.59e+08	1.31 y	53:22	0.89	138.815	
Total Deca-PCB	5.65e+07	1.17 y	56:59	1.04	44.0472	

Total PCB Conc:9210.10597000

Integrations by Analyst: MN

Date: 3/21/18

Client ID: PCB CS3 17L3006 Filename: 180315E1 S:1 Acq:15-MAR-18 09:28:51 ConCal: ST180315E1-1
Lab ID: ST180315E1-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol:1.0000 EndCAL: NA

Name	Resp	RA		RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-1	2.89e+08	3.15	y	1.13	16:00	0.618	0.616	0.622	109	109
13C-PCB-3	3.10e+08	3.10	y	1.21	18:39	0.720	0.716	0.724	109	109
13C-PCB-4	1.47e+08	1.58	y	0.59	19:59	0.772	0.769	0.777	105	105
13C-PCB-9	2.30e+08	1.57	y	0.94	21:47	0.842	0.837	0.845	104	104
13C-PCB-11	2.27e+08	1.55	y	0.95	25:11	0.973	0.968	0.978	102	102
13C-PCB-19	1.85e+08	1.05	y	0.62	24:09	0.933	0.928	0.938	126	126
13C-PCB-28	2.25e+08	1.04	y	1.05	29:03	1.003	0.999	1.009	118	118
13C-PCB-32	2.62e+08	1.06	y	0.91	27:05	1.046	1.041	1.051	122	122
13C-PCB-37	1.85e+08	1.04	y	1.02	32:56	1.138	1.132	1.144	100	100
13C-PCB-47	1.84e+08	0.79	y	0.83	31:58	0.871	0.867	0.875	104	104
13C-PCB-52	1.66e+08	0.78	y	0.76	31:28	0.857	0.853	0.861	102	102
13C-PCB-54	2.30e+08	0.80	y	0.93	27:55	0.760	0.756	0.764	117	117
13C-PCB-70	2.14e+08	0.80	y	1.00	35:30	0.966	0.961	0.971	101	101
13C-PCB-77	2.00e+08	0.79	y	0.96	39:37	1.078	1.073	1.083	98.0	98.0
13C-PCB-80	2.12e+08	0.79	y	1.00	35:55	0.978	0.973	0.983	100	100
13C-PCB-81	2.08e+08	0.78	y	1.01	39:00	1.062	1.057	1.067	97.3	97.3
13C-PCB-95	1.52e+08	1.56	y	0.80	35:47	0.913	0.908	0.918	101	101
13C-PCB-97	1.33e+08	1.59	y	0.70	38:46	0.989	0.984	0.994	101	101
13C-PCB-101	1.48e+08	1.55	y	0.80	37:28	0.956	0.951	0.961	98.4	98.4
13C-PCB-104	1.97e+08	1.55	y	1.01	32:37	0.832	0.828	0.836	104	104
13C-PCB-105	1.31e+08	1.59	y	1.14	43:02	0.929	0.924	0.934	88.5	88.5
13C-PCB-114	1.34e+08	1.60	y	1.18	42:10	0.910	0.905	0.915	87.3	87.3
13C-PCB-118	1.85e+08	1.59	y	1.00	41:31	1.059	1.054	1.064	99.1	99.1
13C-PCB-123	1.79e+08	1.55	y	0.95	41:20	1.054	1.049	1.059	101	101
13C-PCB-126	1.27e+08	1.56	y	1.14	45:16	0.977	0.972	0.982	86.3	86.3
13C-PCB-127	1.41e+08	1.57	y	1.24	43:22	0.936	0.931	0.941	87.4	87.4
13C-PCB-138	1.49e+08	1.28	y	1.17	44:46	0.967	0.962	0.972	98.1	98.1
13C-PCB-141	1.41e+08	1.25	y	1.11	43:56	0.948	0.944	0.954	98.0	98.0
13C-PCB-153	1.71e+08	1.26	y	1.34	43:11	0.933	0.928	0.938	98.6	98.6
13C-PCB-155	2.03e+08	1.24	y	0.83	37:01	0.944	0.939	0.949	131	131
13C-PCB-156	1.72e+08	1.26	y	1.38	48:01	1.037	1.032	1.042	95.7	95.7
13C-PCB-157	1.72e+08	1.25	y	1.37	48:18	1.043	1.037	1.047	96.9	96.9
13C-PCB-159	1.75e+08	1.27	y	1.39	46:03	0.994	0.989	0.999	97.1	97.1
13C-PCB-167	1.78e+08	1.28	y	1.40	46:44	1.009	1.004	1.014	98.1	98.1
13C-PCB-169	1.65e+08	1.26	y	1.39	50:30	1.090	1.085	1.095	91.9	91.9
13C-PCB-170	8.84e+07	0.46	y	0.86	50:54	1.103	1.097	1.109	96.4	96.4
13C-PCB-180	1.00e+08	0.45	y	0.98	49:18	1.069	1.064	1.074	96.3	96.3
13C-PCB-188	1.51e+08	0.45	y	1.40	42:49	0.928	0.923	0.933	101	101
13C-PCB-189	1.15e+08	0.46	y	1.15	52:32	1.138	1.132	1.144	93.9	93.9
13C-PCB-194	9.29e+07	0.91	y	0.77	54:05	0.995	0.990	1.000	100.0	100.0
13C-PCB-202	1.73e+08	0.90	y	1.28	48:13	1.045	1.040	1.050	126	126
13C-PCB-206	1.08e+08	0.78	y	0.81	55:39	1.024	1.019	1.029	110	110
13C-PCB-208	1.39e+08	0.77	y	1.09	53:21	0.981	0.977	0.987	106	106
13C-PCB-209	1.23e+08	1.20	y	0.74	56:58	1.048	1.043	1.053	139	139

CRS vs. RS

Name	Resp	RA		RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	2.07e+08	0.79	y	1.03	37:48	1.029	1.024	1.034	94.3	94.3
13C-PCB-178	9.86e+07	0.45	y	0.93	45:36	0.985	0.980	0.990	99.6	99.6

PS vs. IS

Name	Resp	RA		RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	2.07e+08	0.79	y	1.03	37:48	0.969	0.963	0.973	96.9	96.9
13C-PCB-178	9.86e+07	0.45	y	0.95	45:36	0.925	0.920	0.930	103	103

RS

Name	Resp	RA		RRF	RT	Conc
13C-PCB-15	2.35e+08	1.55	y	1.00	25:53	100
13C-PCB-31	1.81e+08	1.04	y	1.00	28:56	100
13C-PCB-60	2.12e+08	0.80	y	1.00	36:44	100
13C-PCB-111	1.88e+08	1.57	y	1.00	39:13	100
13C-PCB-128	1.30e+08	1.28	y	1.00	46:19	100
13C-PCB-182	1.07e+08	0.46	y	1.00	46:09	100
13C-PCB-205	1.21e+08	0.91	y	1.00	54:22	100

Analyst: MI

Date: 3/21/18

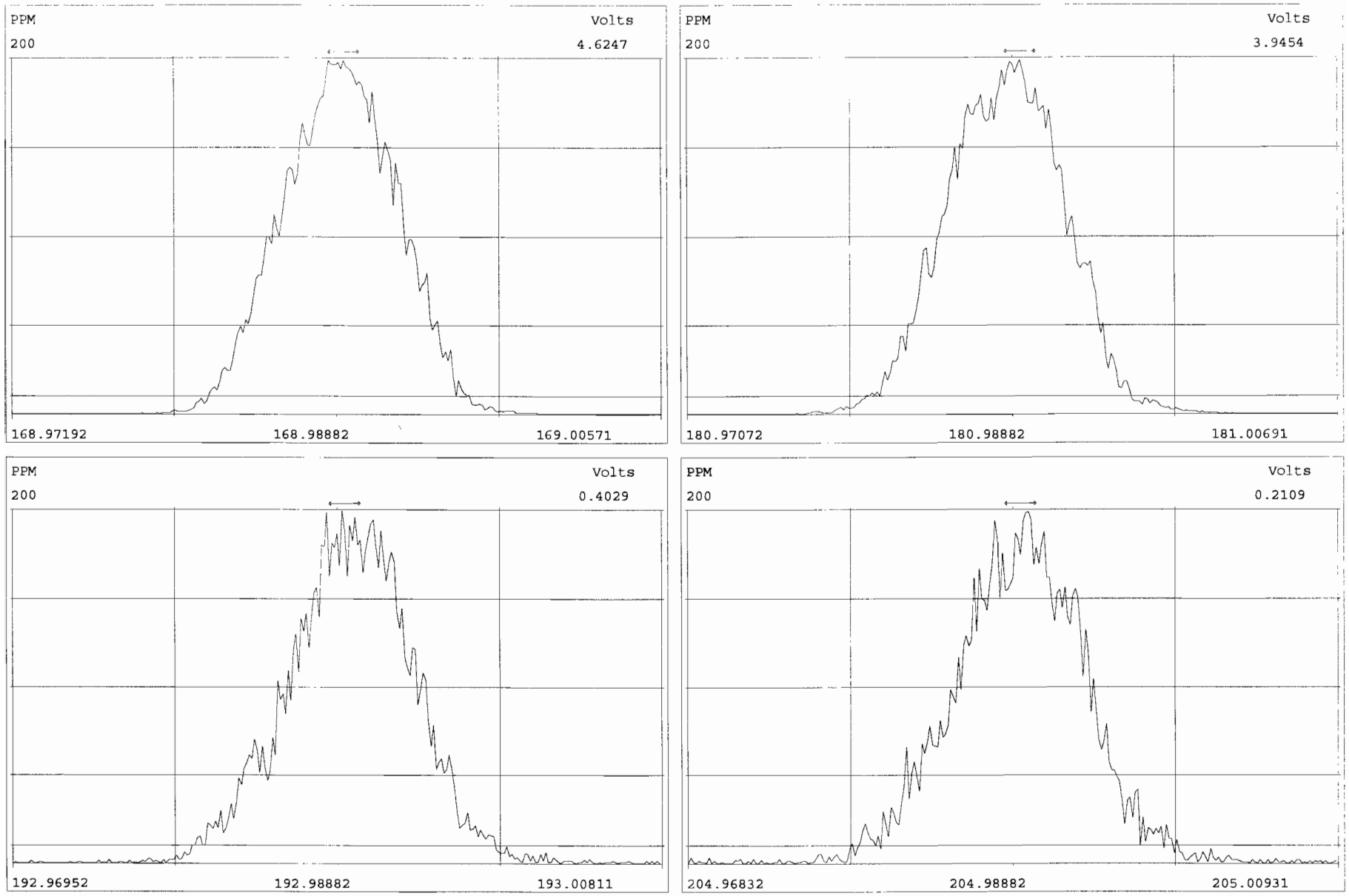
Vista Analytical Laboratory - Injection Log Run file: 180315E1 Instrument ID: VG-8 GC Column ID: ZB-1

Data file	S#	Sample ID	Analyst	Acq date	Acq time	CCal	ECal
180315E1	1	ST180315E1-1	MAS	15-MAR-18	09:28:51	ST180315E1-1	NA
180315E1	2	SOLVENT BLANK	MAS	15-MAR-18	10:34:05	ST180315E1-1	NA
180315E1	3	1701017-03	MAS	15-MAR-18	11:39:18	ST180315E1-1	NA
180315E1	4	1701017-04	MAS	15-MAR-18	12:44:31	ST180315E1-1	NA
180315E1	5	1701075-01	MAS	15-MAR-18	13:49:43	ST180315E1-1	NA
180315E1	6	1701075-02	MAS	15-MAR-18	14:54:55	ST180315E1-1	NA
180315E1	7	1701075-03	MAS	15-MAR-18	16:00:07	ST180315E1-1	NA
180315E1	8	1701075-04	MAS	15-MAR-18	17:05:20	ST180315E1-1	NA
180315E1	9	1701075-05	MAS	15-MAR-18	18:10:33	ST180315E1-1	NA
180315E1	10	1701075-06	MAS	15-MAR-18	19:15:45	ST180315E1-1	NA
180315E1	11	1701075-07	MAS	15-MAR-18	20:20:57	ST180315E1-1	NA
180315E1	12	SOLVENT BLANK	MAS	15-MAR-18	21:26:10	ST180315E1-1	NA
180315E1	13	1800314-02 *	MAS	15-MAR-18	22:31:23	ST180315E1-1	NA

* QC not within 12hrs.
MJ 3/26/18

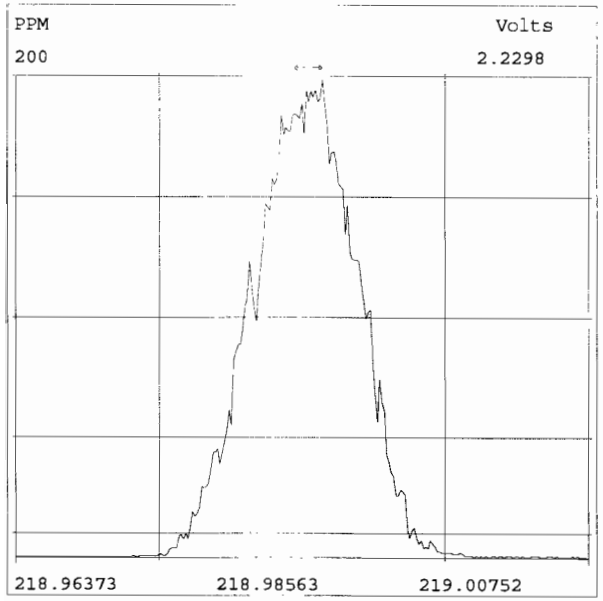
Peak Locate Examination:15-MAR-2018:09:27 File:180315E1

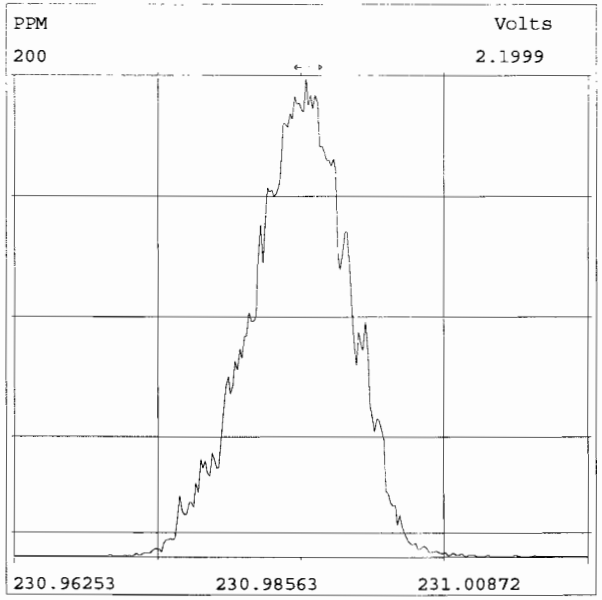
Experiment:PCB_ZB1 Function:1 Reference:PFK

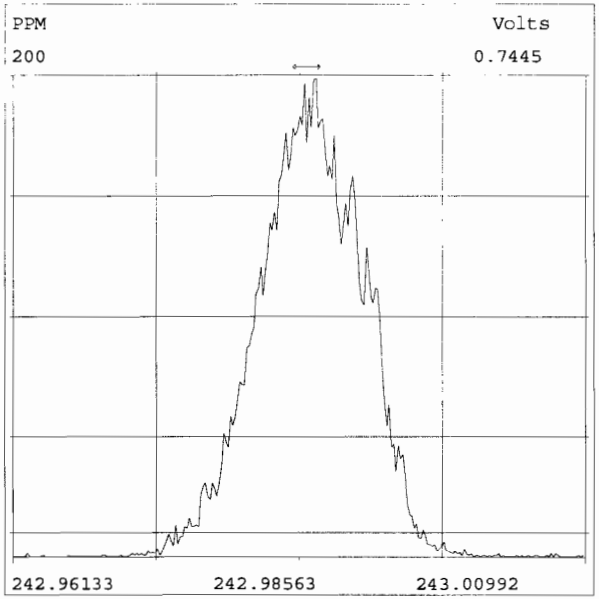


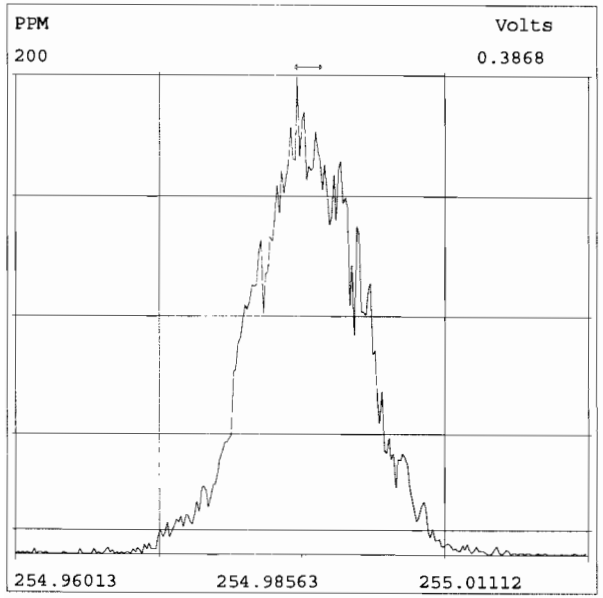
Peak Locate Examination:15-MAR-2018:09:27 File:180315E1

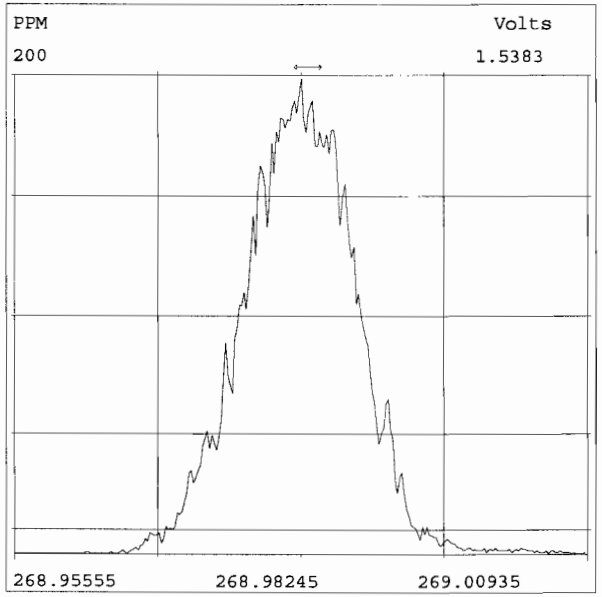
Experiment:PCB_ZB1 Function:2 Reference:PFK

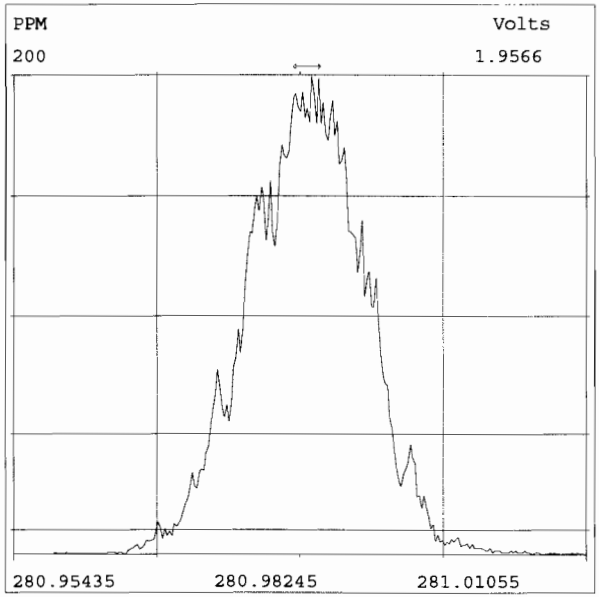






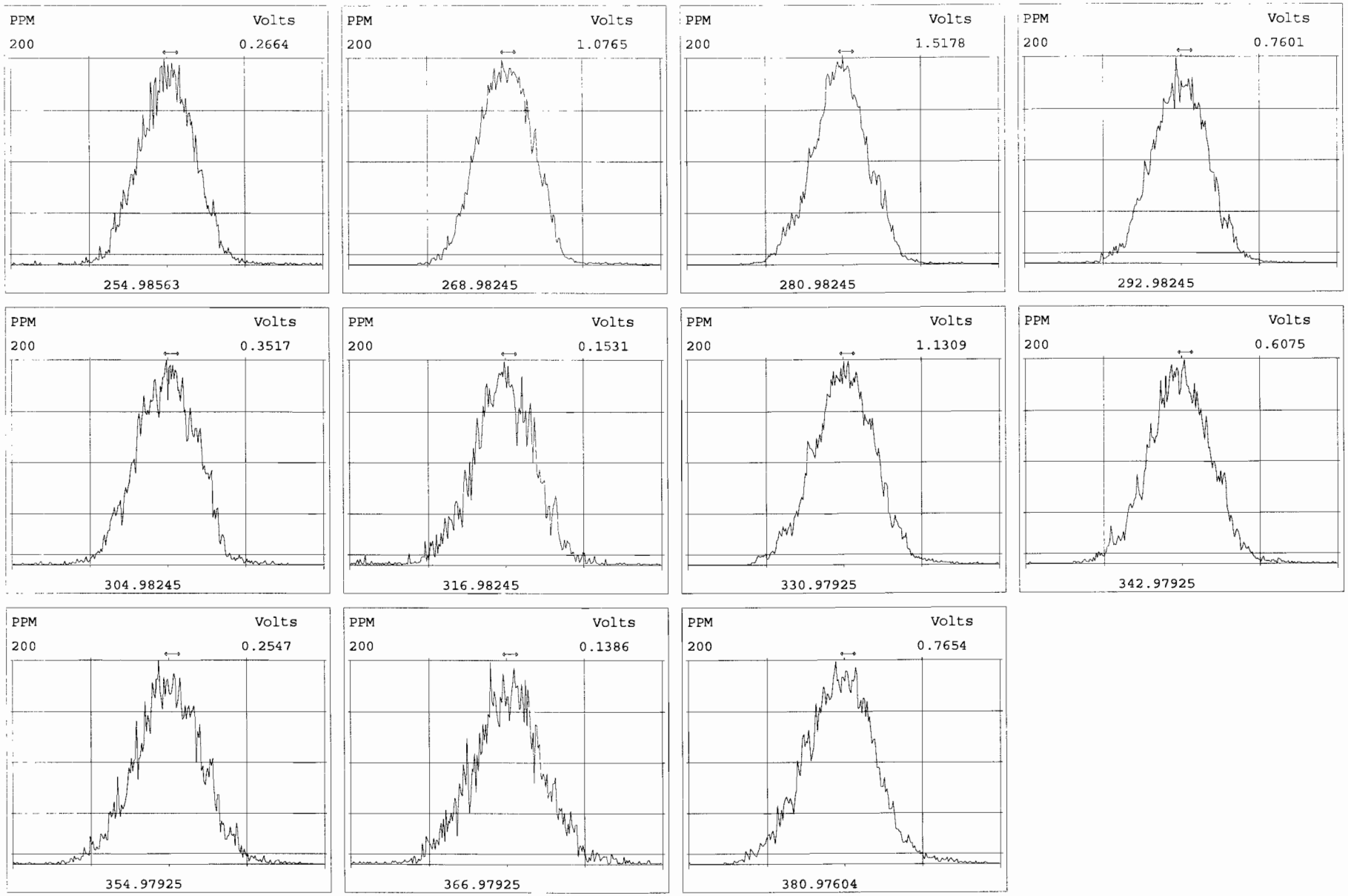






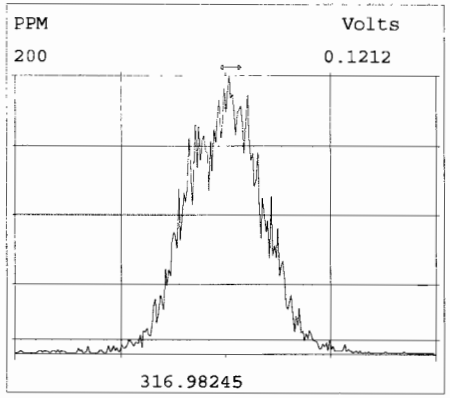
Peak Locate Examination:15-MAR-2018:09:27 File:180315E1

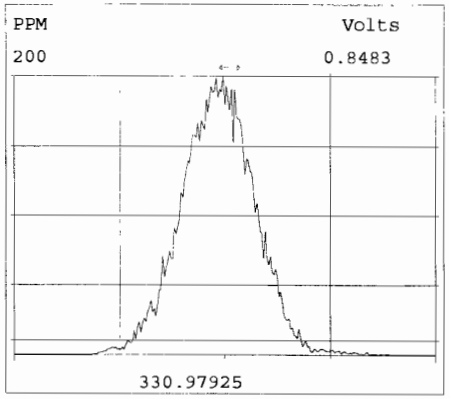
Experiment:PCB_ZB1 Function:3 Reference:PFK

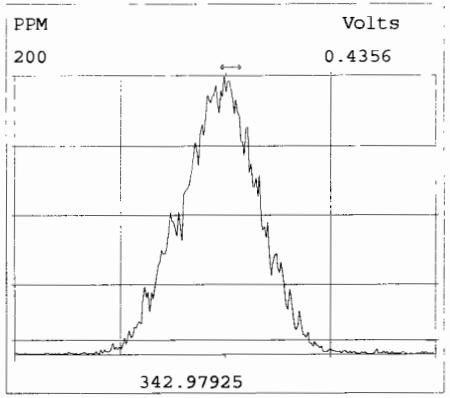


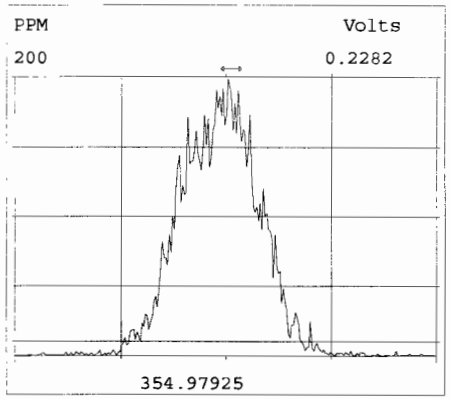
Peak Locate Examination:15-MAR-2018:09:28 File:180315E1

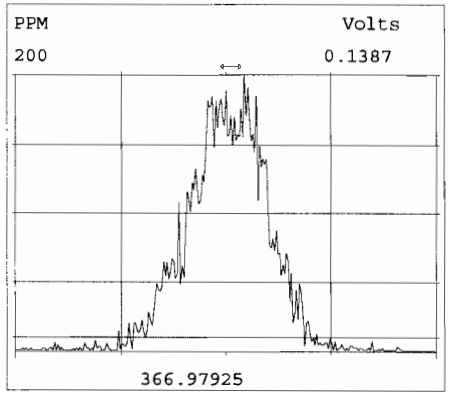
Experiment:PCB_ZB1 Function:4 Reference:PFK

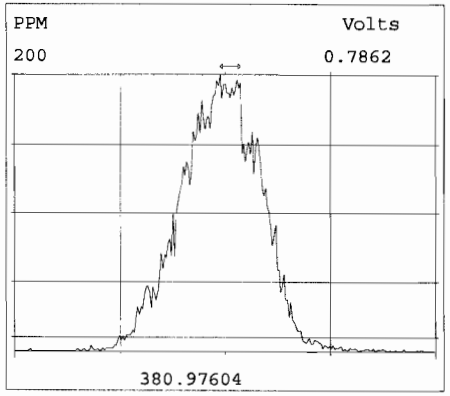


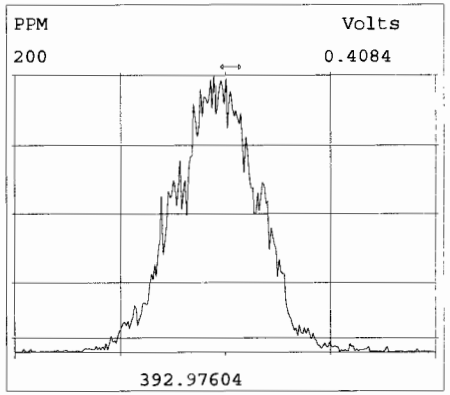


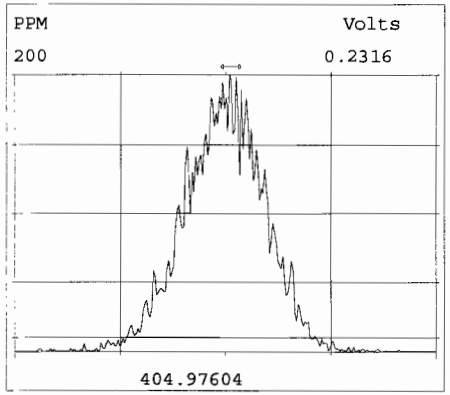


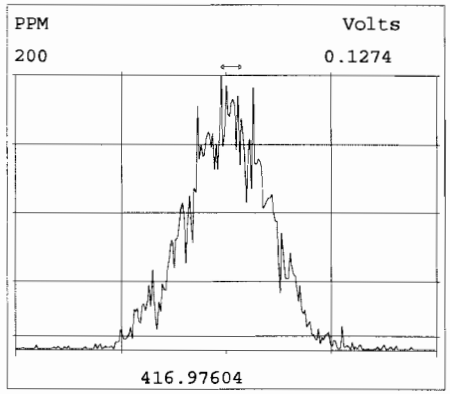


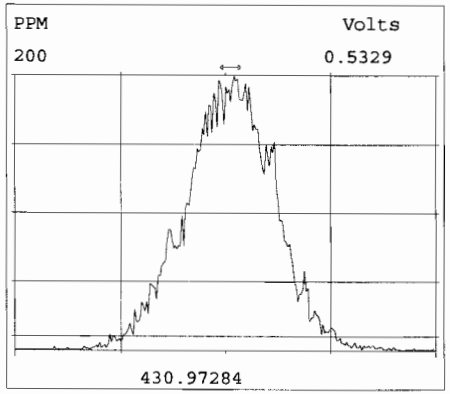


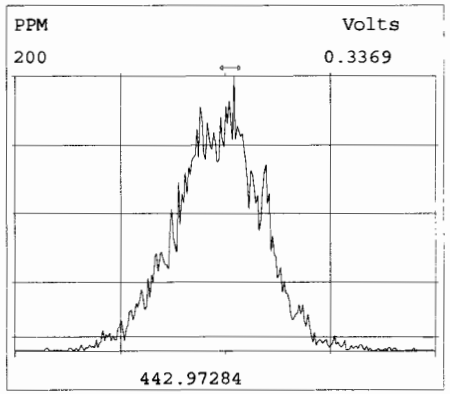






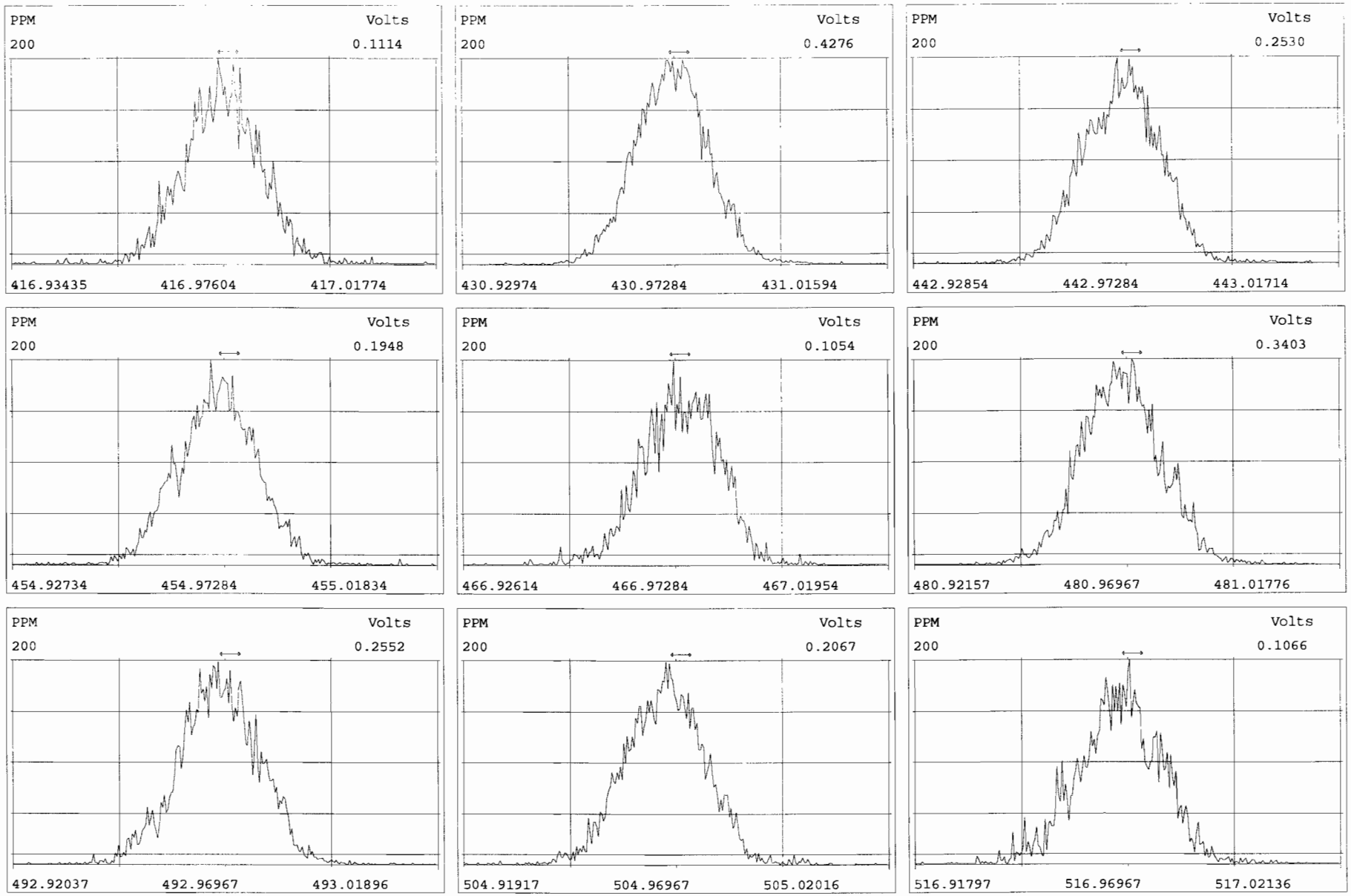






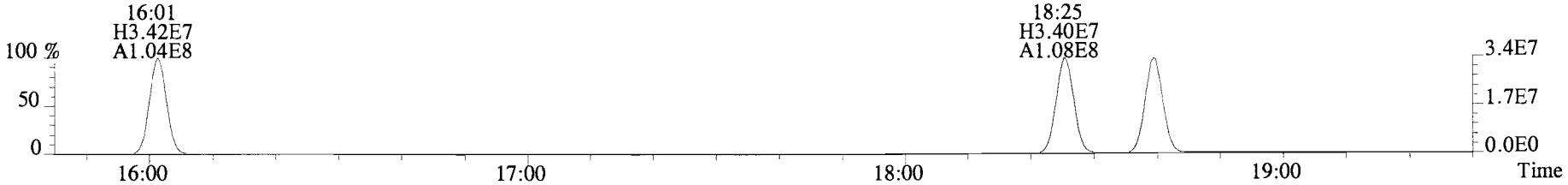
Peak Locate Examination:15-MAR-2018:09:28 File:180315E1

Experiment:PCB_ZB1 Function:5 Reference:PFK

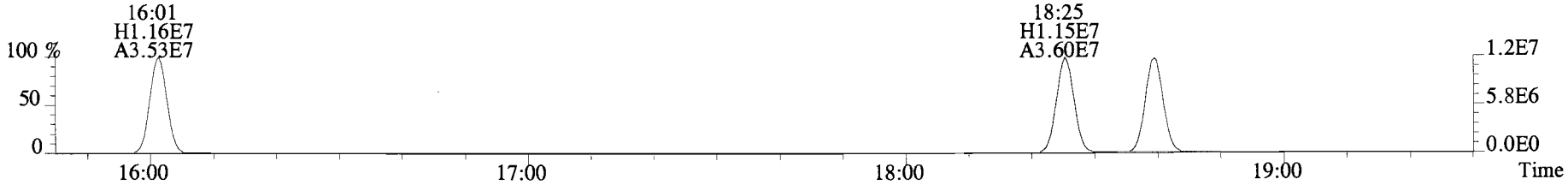


File:180315E1 #1-866 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1

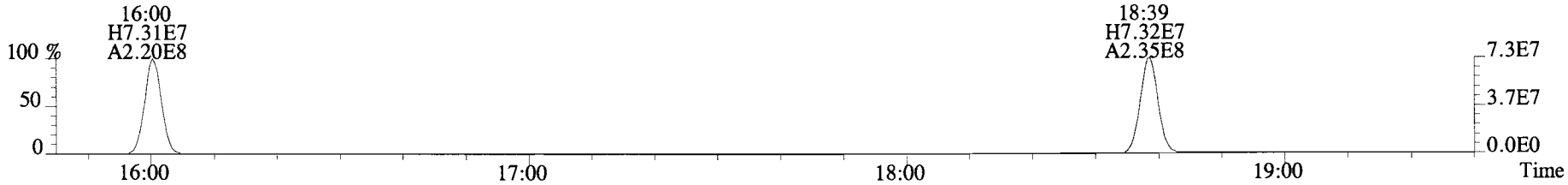
188.0393 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9596.0,0.00%,F,F)



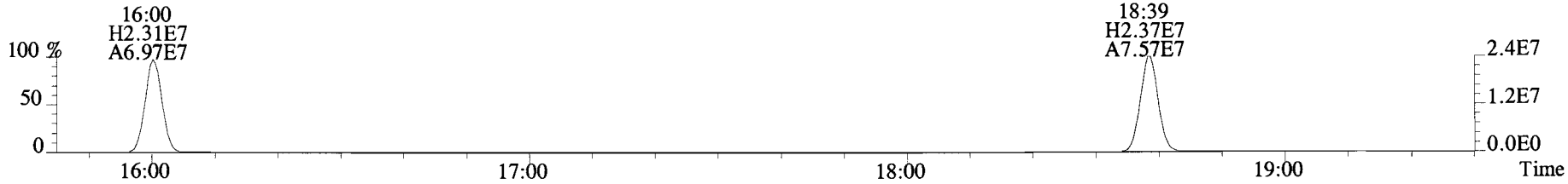
190.0363 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6288.0,0.00%,F,F)



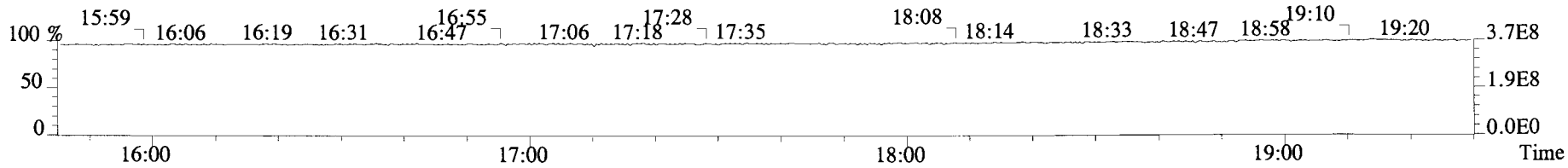
200.0795 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8096.0,0.00%,F,F)



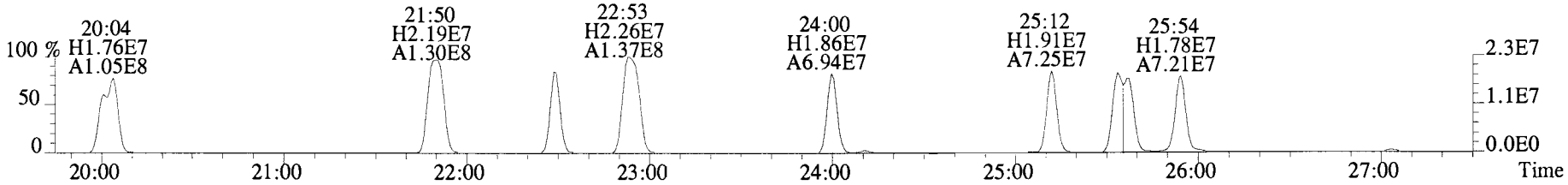
202.0766 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22820.0,0.00%,F,F)



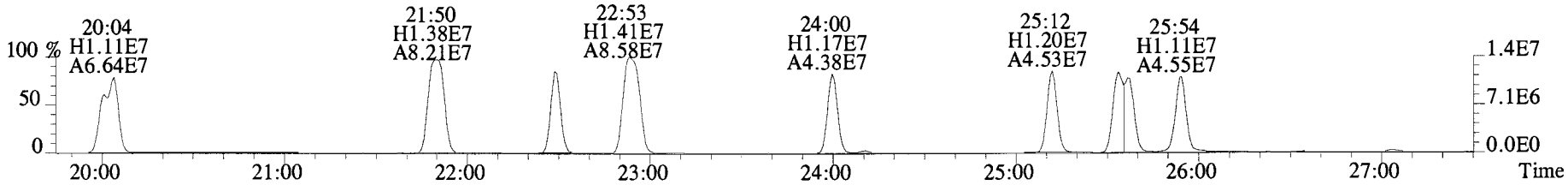
180.9880



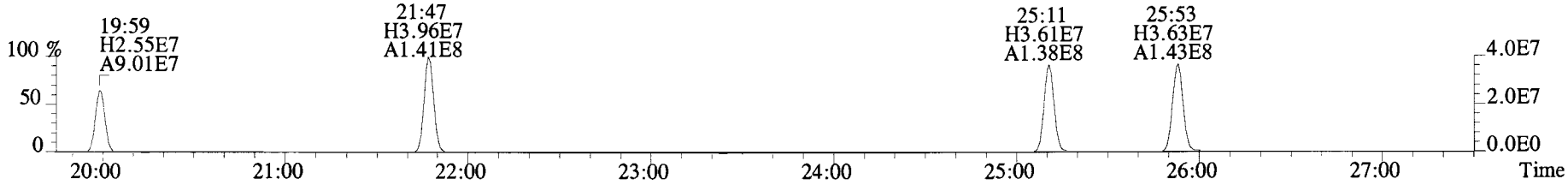
File:180315E1 #1-758 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
222.0003 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7104.0,0.00%,F,F)



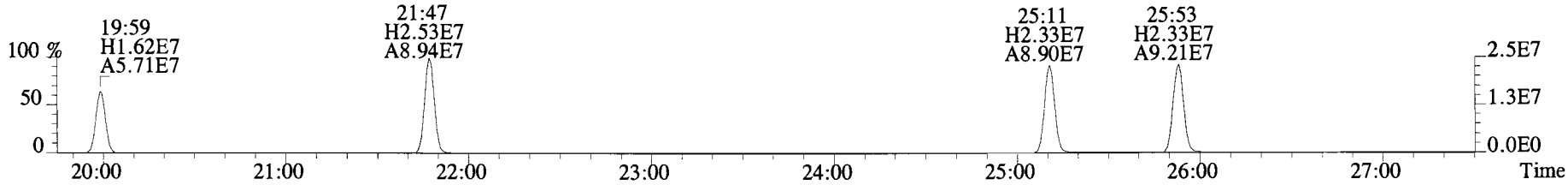
223.9974 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39716.0,0.00%,F,F)



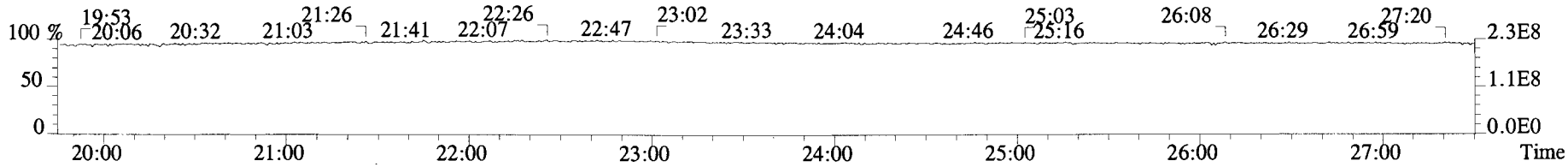
234.0406 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6764.0,0.00%,F,F)



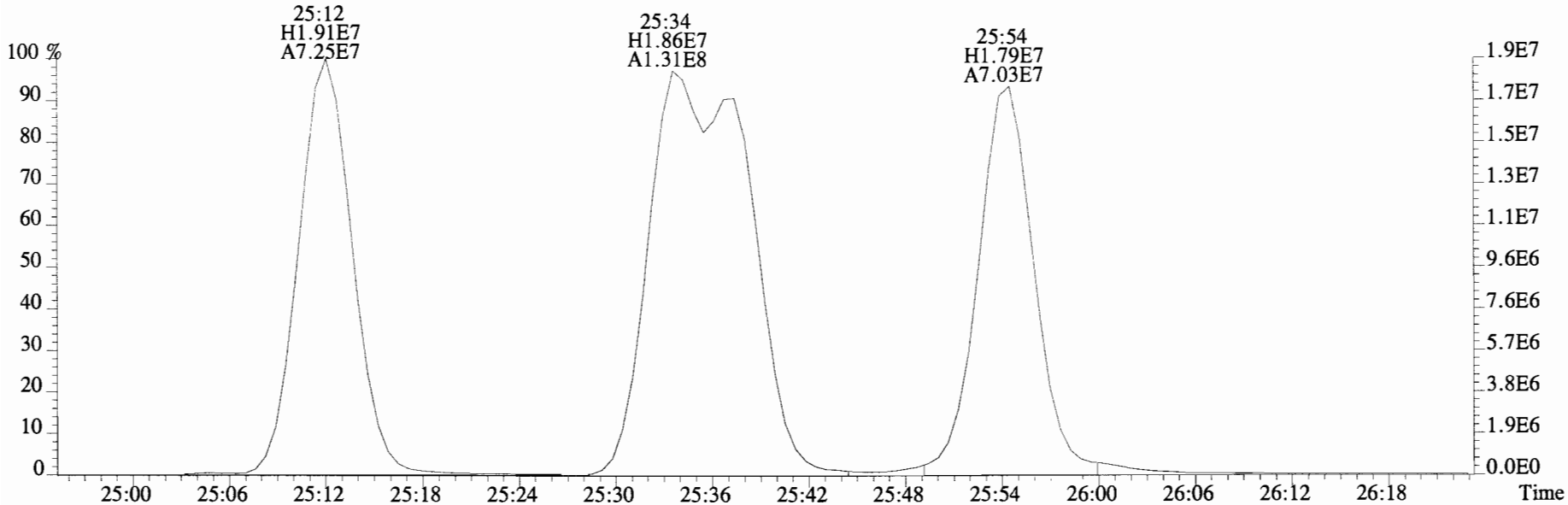
236.0376 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5416.0,0.00%,F,F)



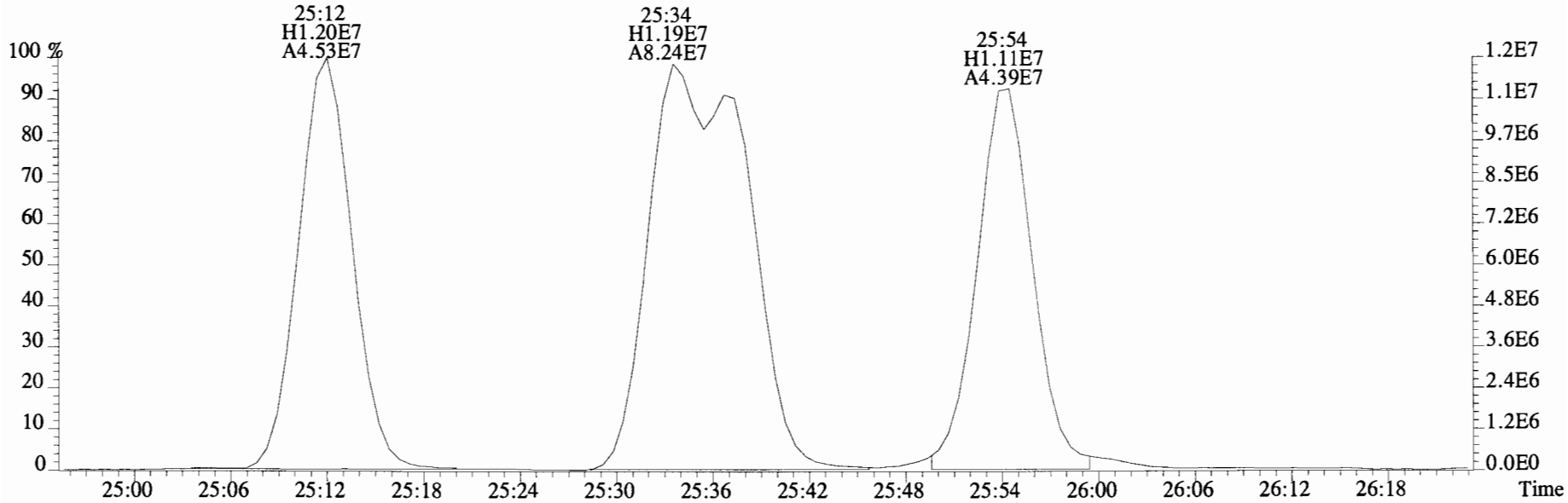
230.9856 F:2



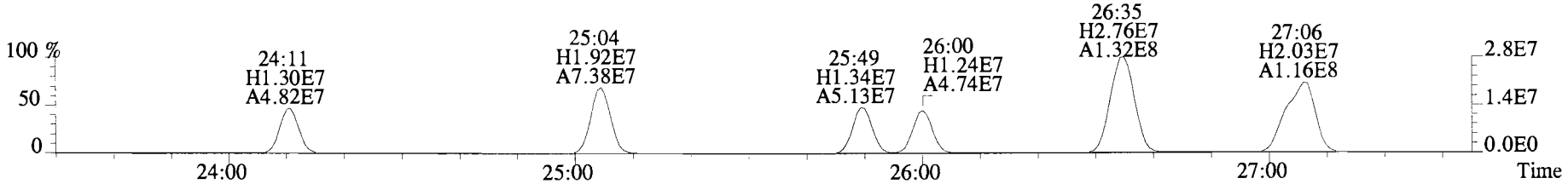
File:180315E1 #1-758 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
222.0003 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7104.0,0.00%,F,F)



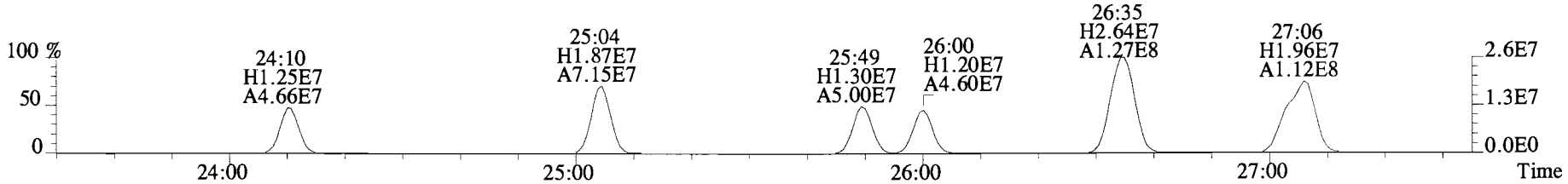
223.9974 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39716.0,0.00%,F,F)



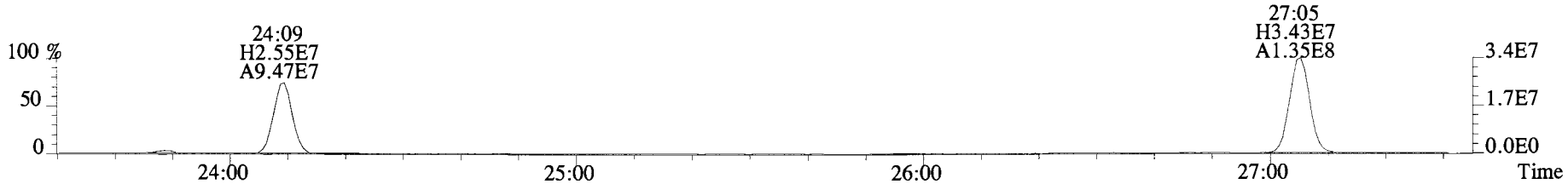
File:180315E1 #1-758 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5152.0,0.00%,F,F)



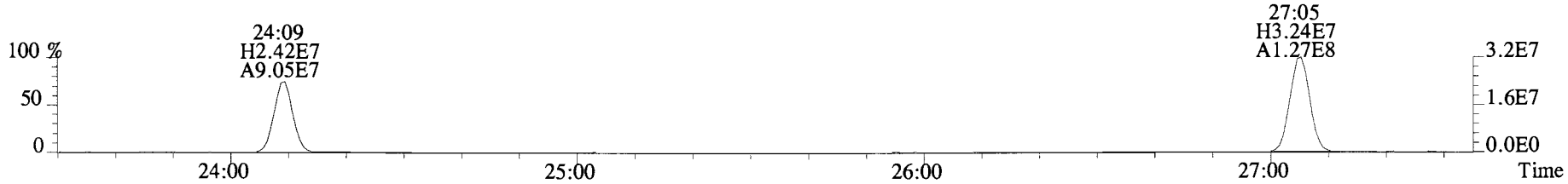
257.9584 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4220.0,0.00%,F,F)



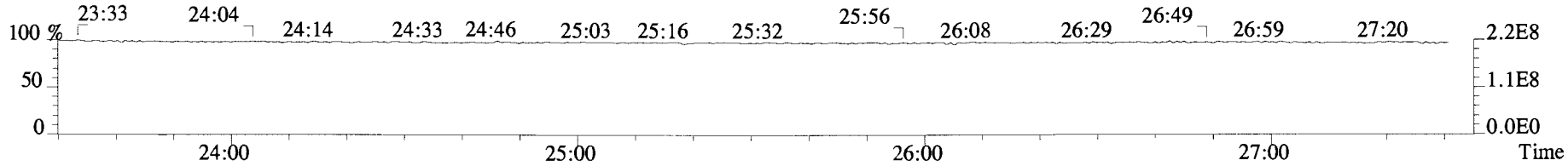
268.0016 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,247348.0,0.00%,F,F)



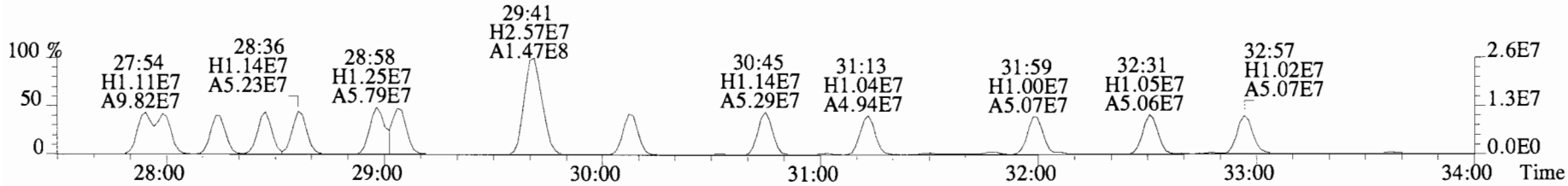
269.9986 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,87940.0,0.00%,F,F)



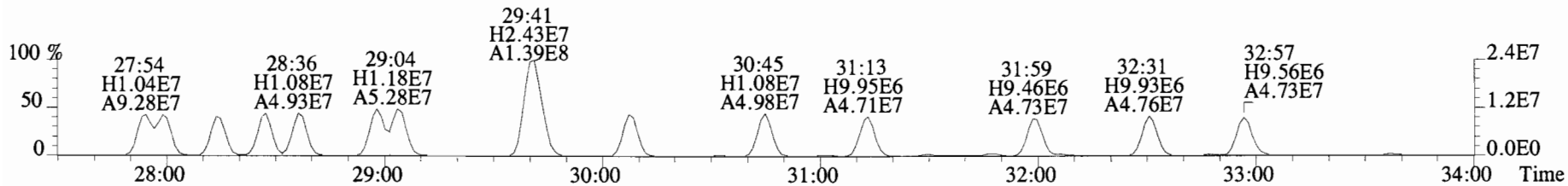
230.9856 F:2



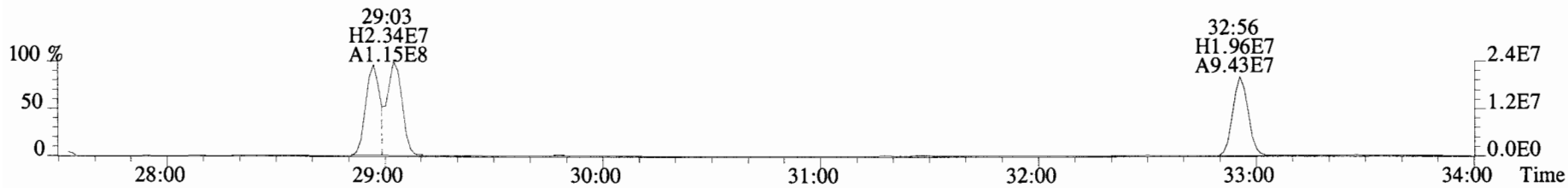
File:180315E1 #1-756 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29112.0,0.00%,F,F)



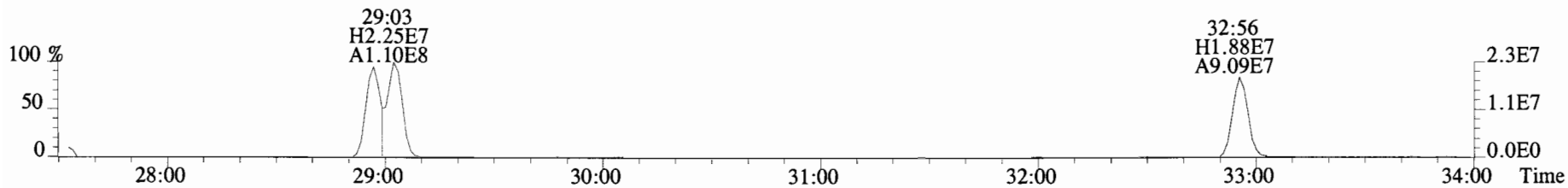
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23560.0,0.00%,F,F)



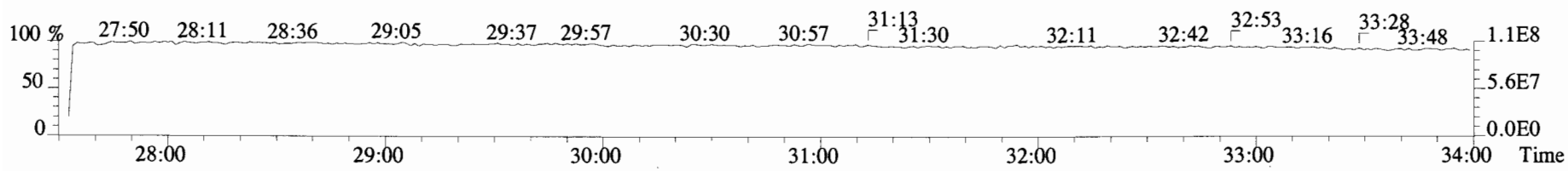
268.0016 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,179256.0,0.00%,F,F)



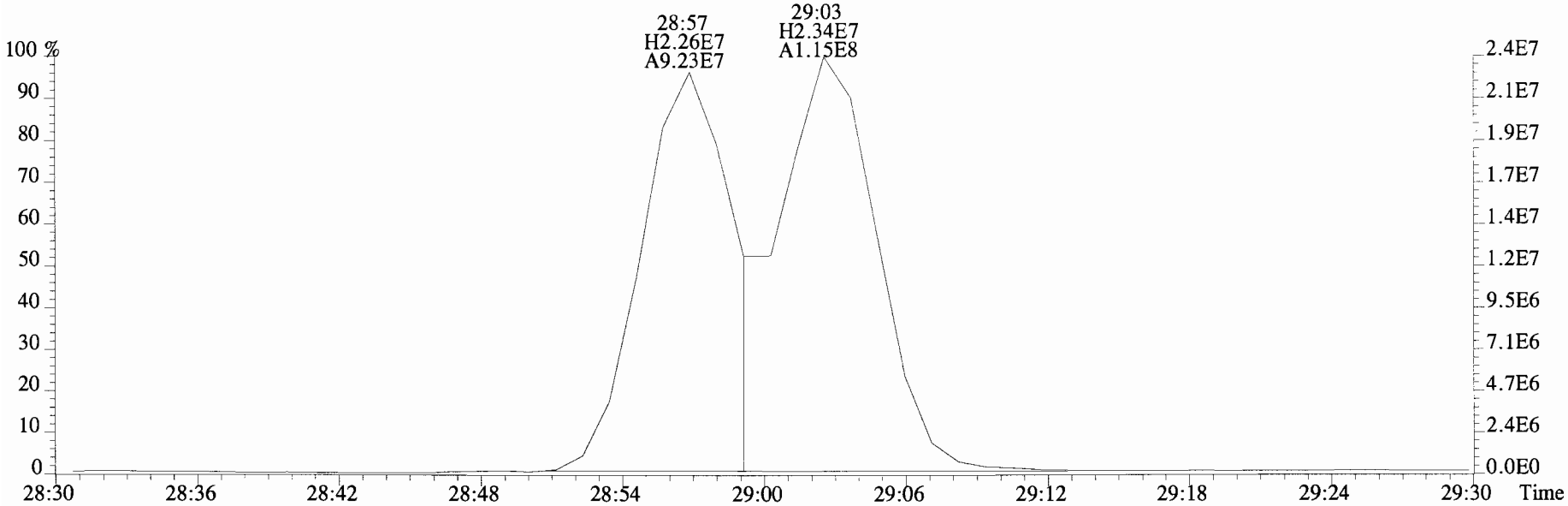
269.9986 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,60740.0,0.00%,F,F)



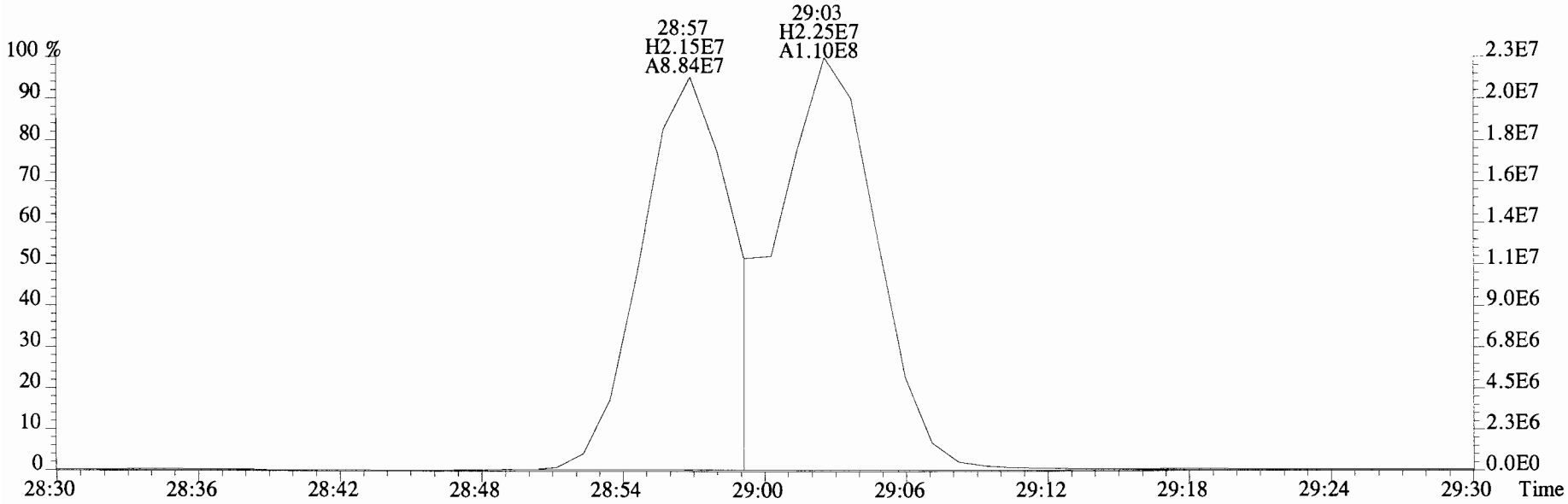
330.9792 F:3



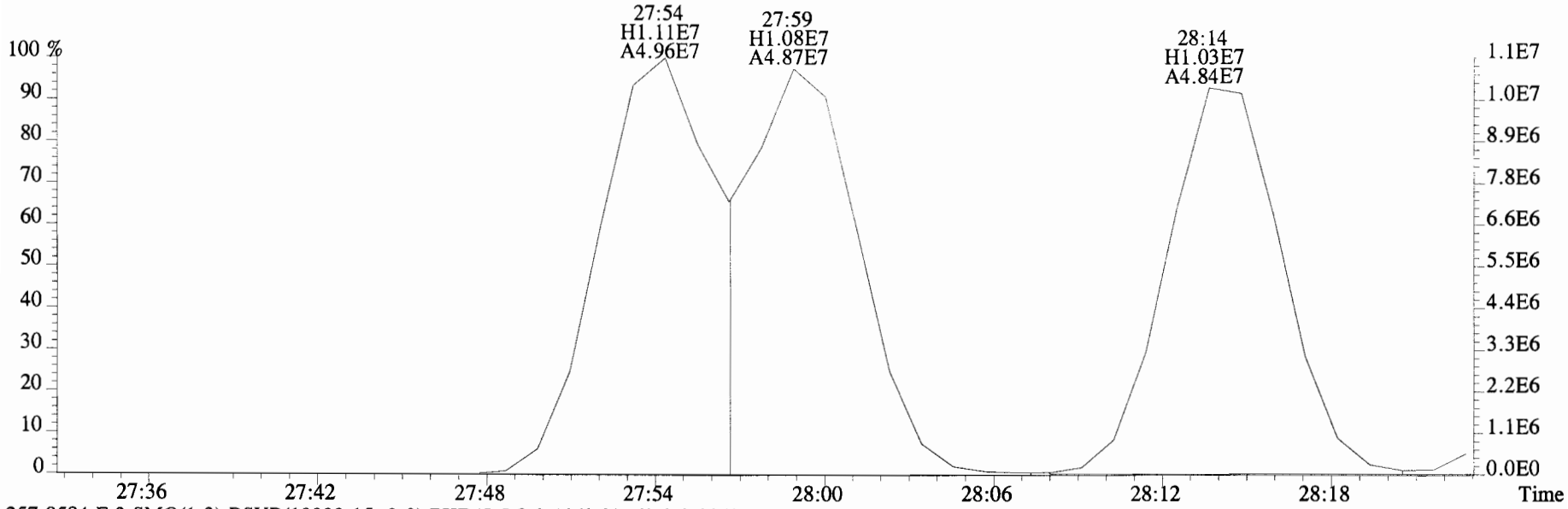
File:180315E1 #1-756 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
268.0016 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,179256.0,0.00%,F,F)



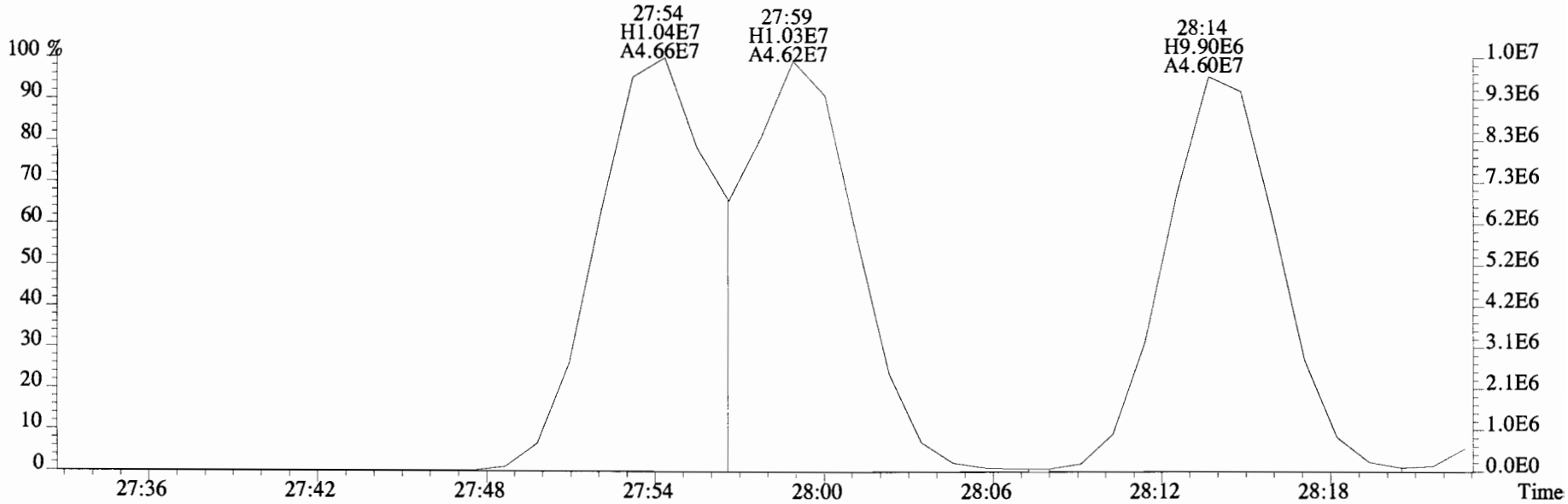
269.9986 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,60740.0,0.00%,F,F)



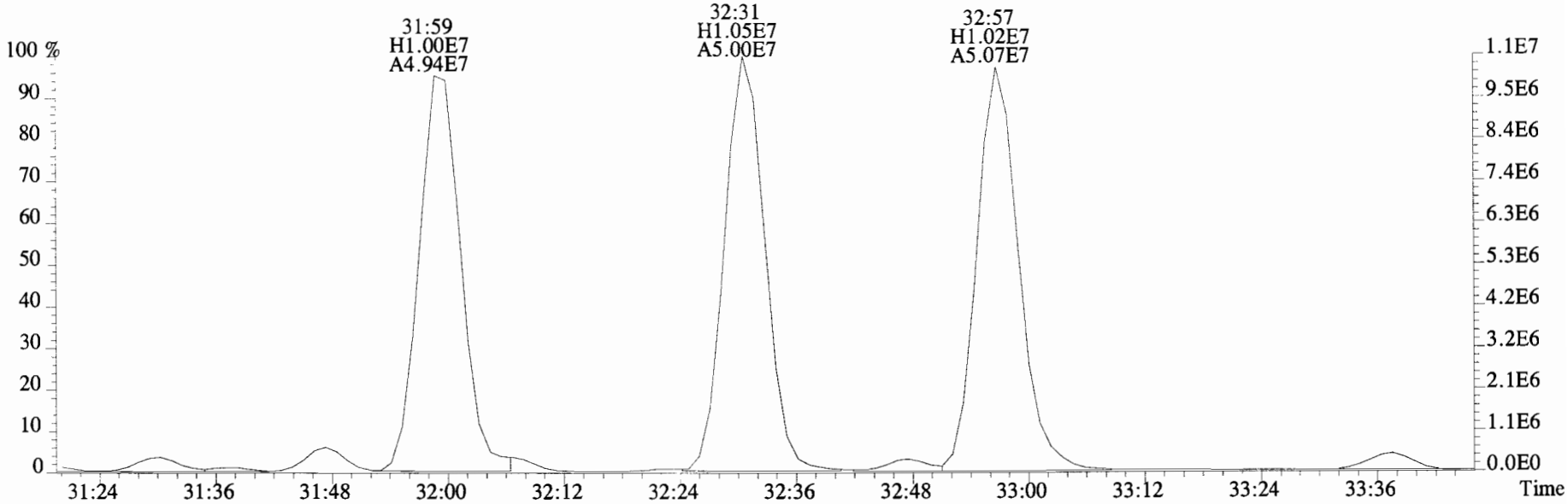
File:180315E1 #1-756 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29112.0,0.00%,F,F)



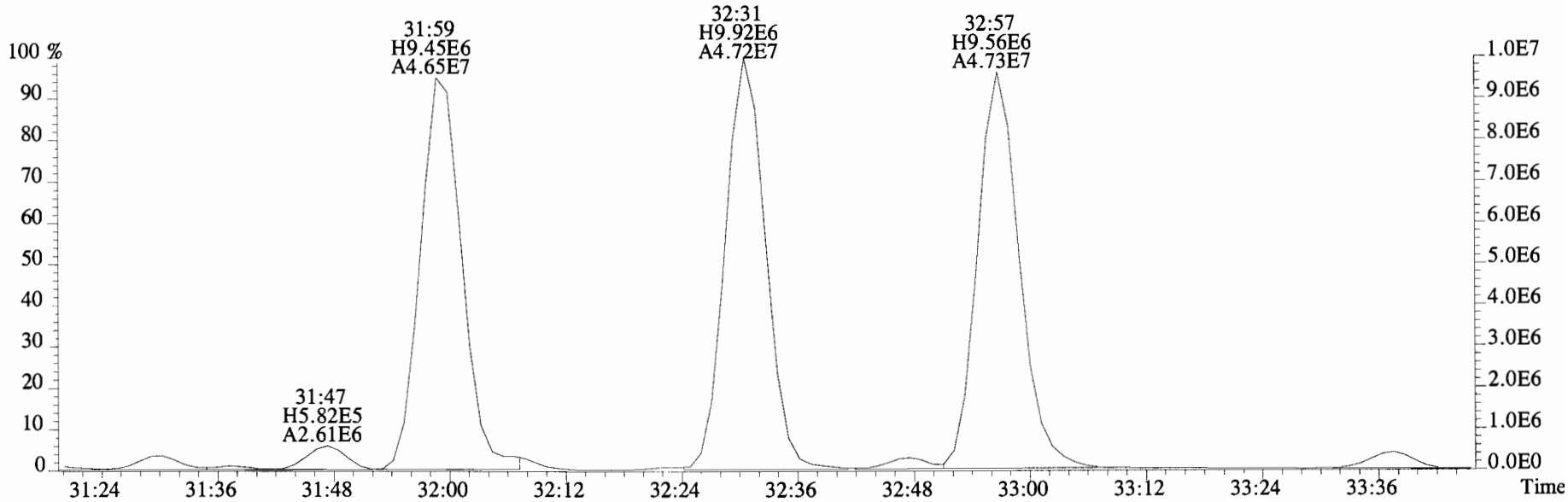
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23560.0,0.00%,F,F)



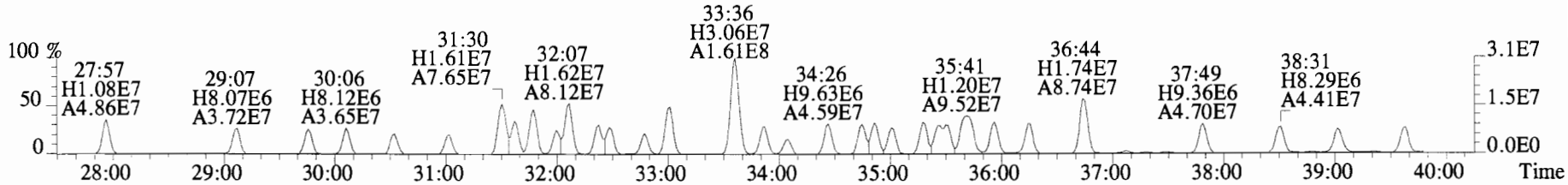
File:180315E1 #1-756 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29112.0,0.00%,F,F)



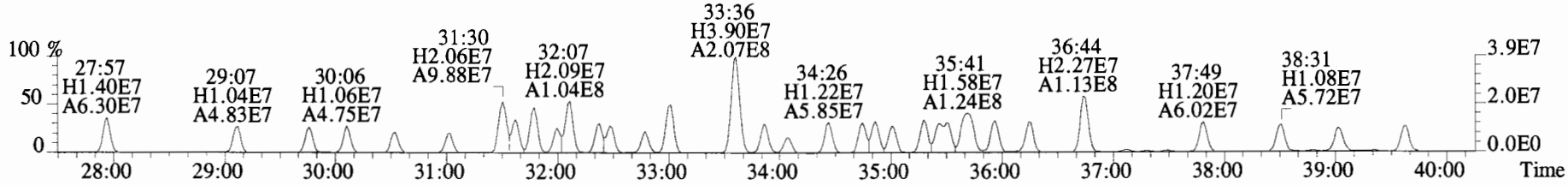
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23560.0,0.00%,F,F)



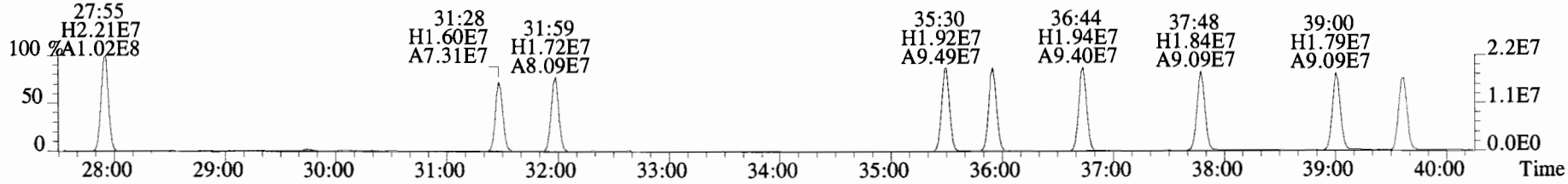
File:180315E1 #1-756 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38440.0,0.00%,F,F)



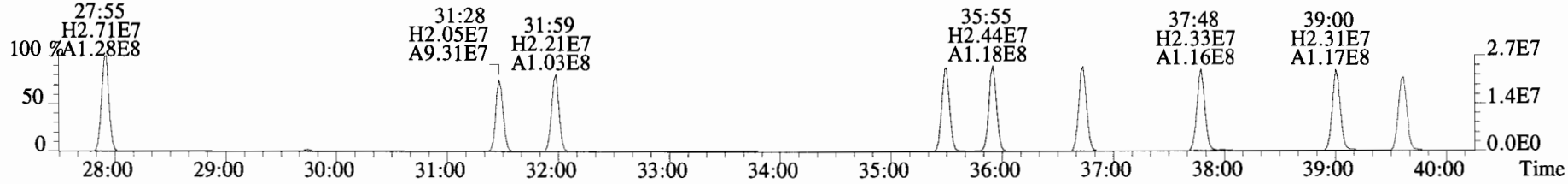
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,34544.0,0.00%,F,F)



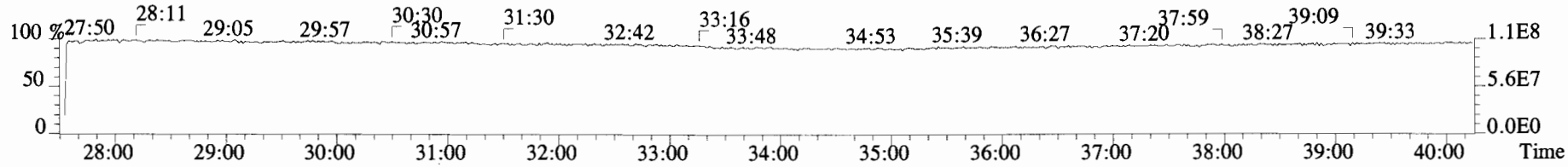
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,67780.0,0.00%,F,F)



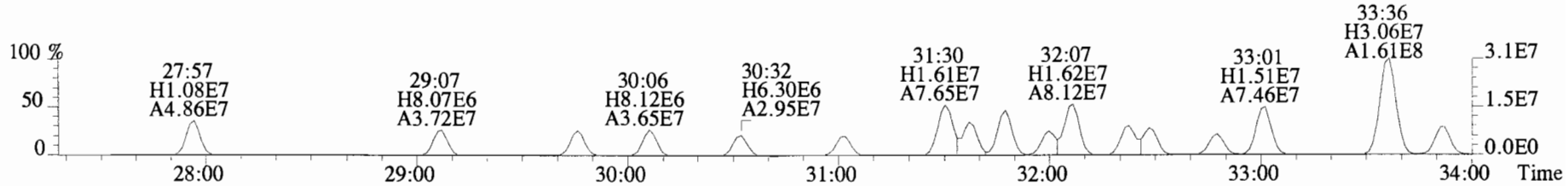
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33856.0,0.00%,F,F)



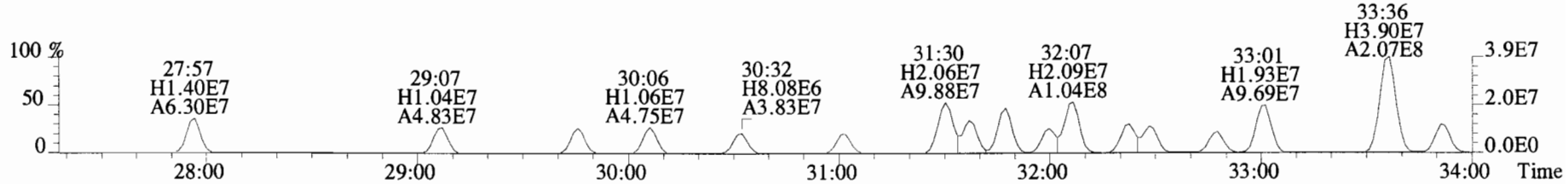
330.9792 F:3



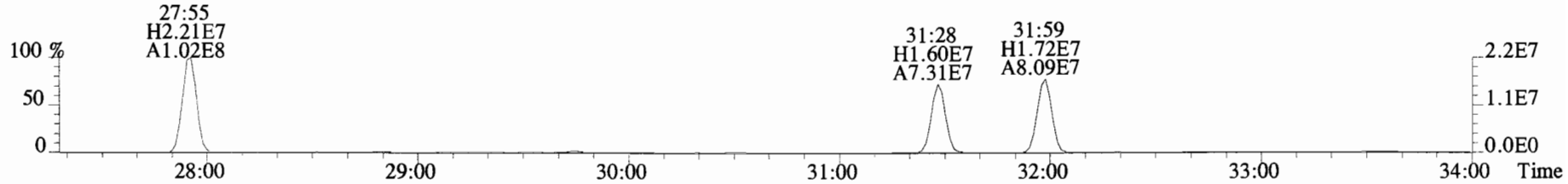
File:180315E1 #1-756 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38440.0,0.00%,F,F)



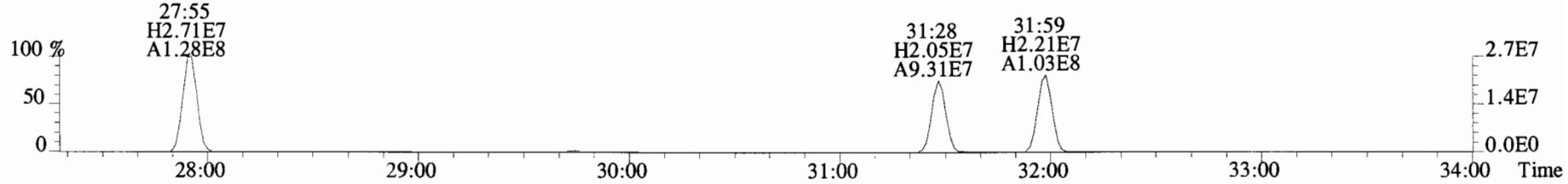
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,34544.0,0.00%,F,F)



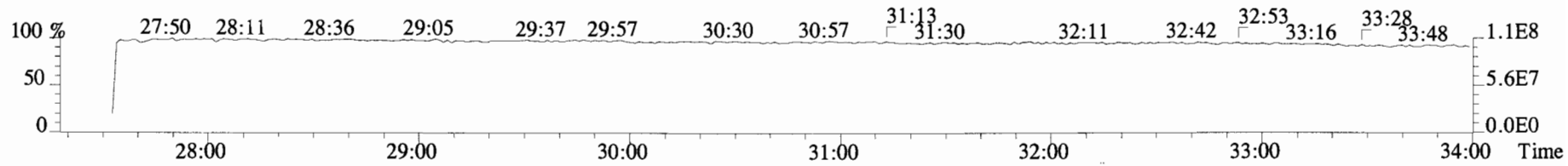
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,67780.0,0.00%,F,F)



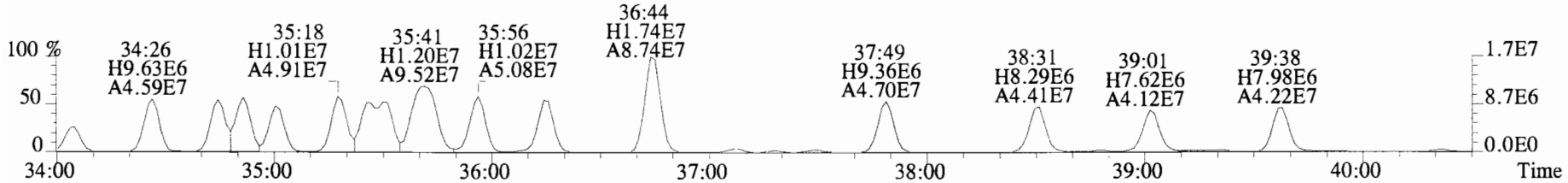
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33856.0,0.00%,F,F)



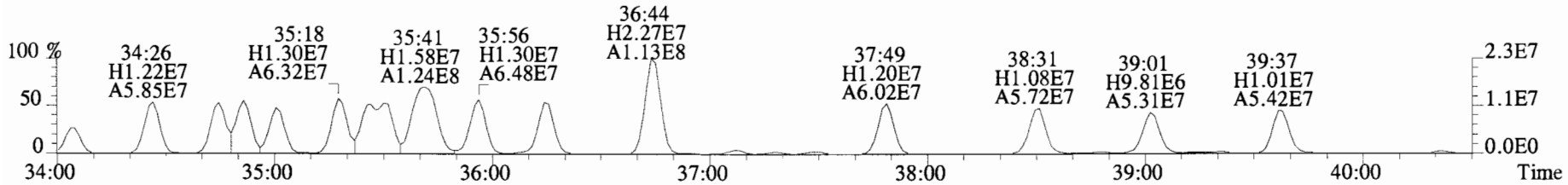
330.9792 F:3



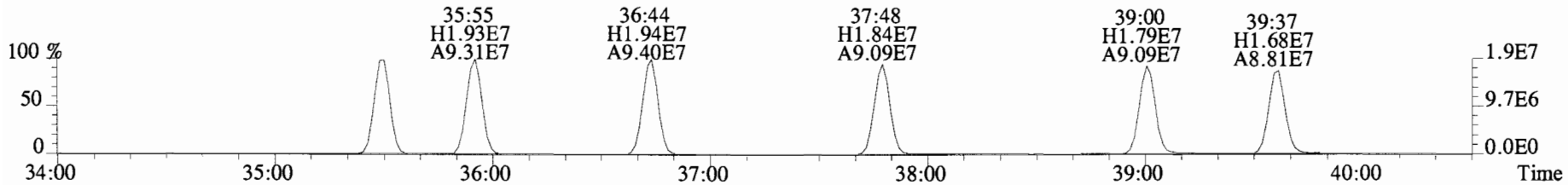
File:180315E1 #1-756 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38440.0,0.00%,F,F)



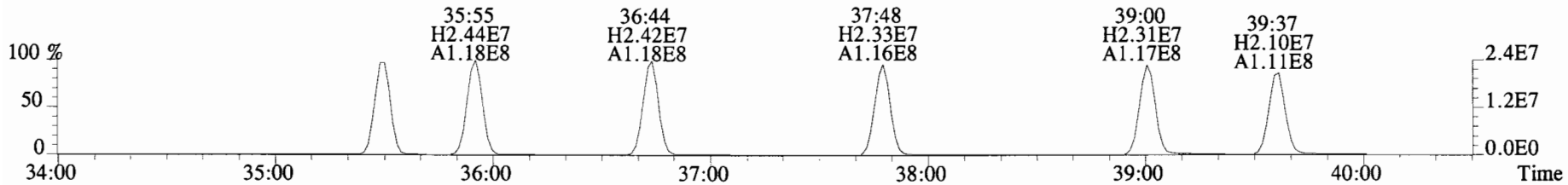
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,34544.0,0.00%,F,F)



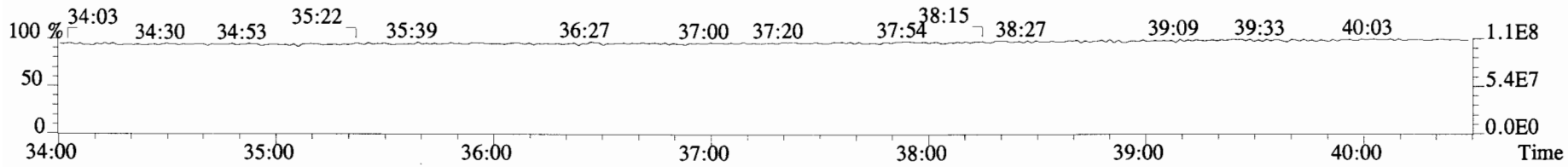
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,67780.0,0.00%,F,F)



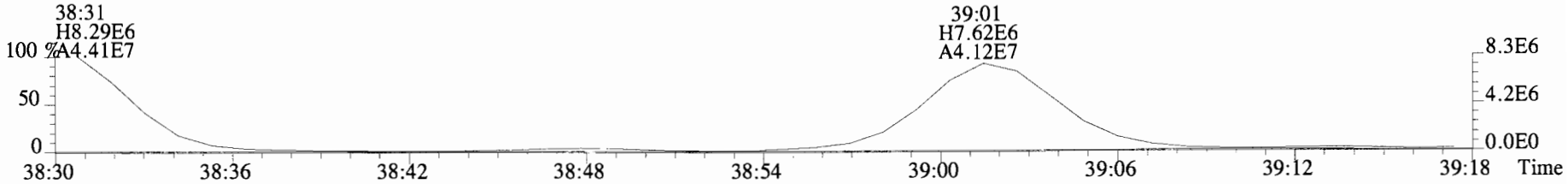
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33856.0,0.00%,F,F)



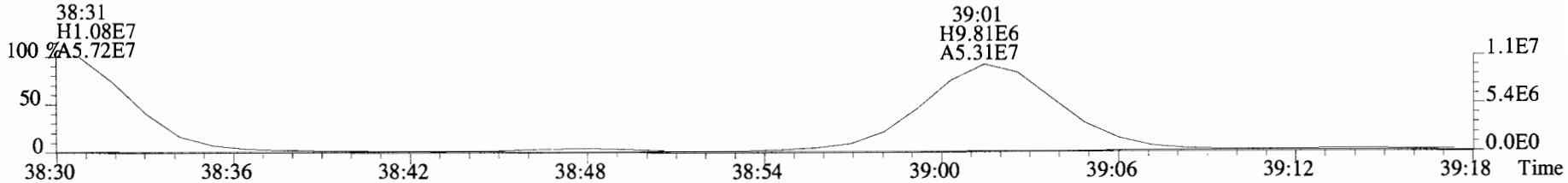
330.9792 F:3



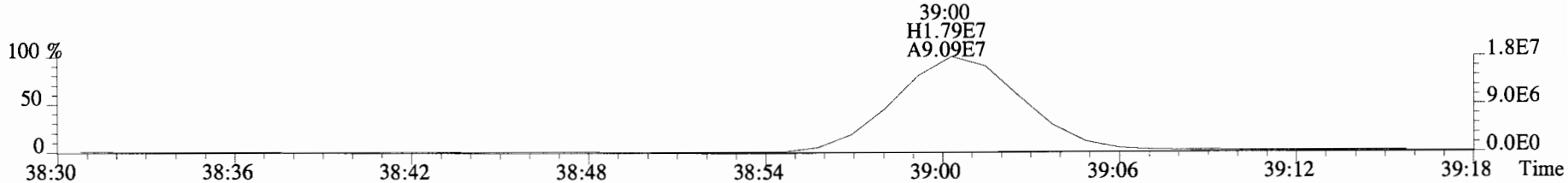
File:180315E1 #1-756 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38440.0,0.00%,F,F)



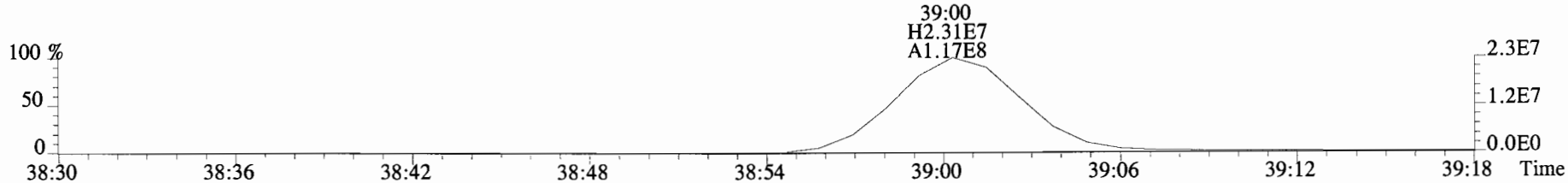
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,34544.0,0.00%,F,F)



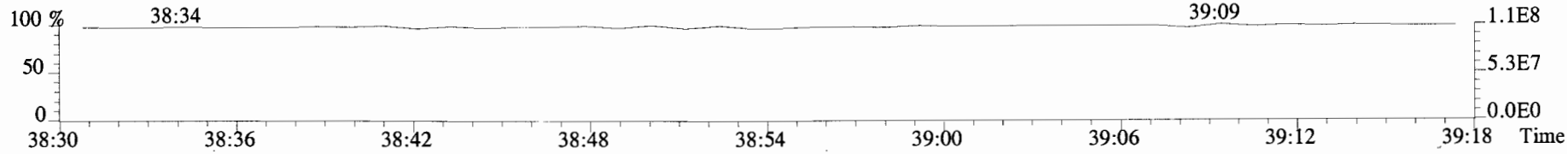
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,67780.0,0.00%,F,F)



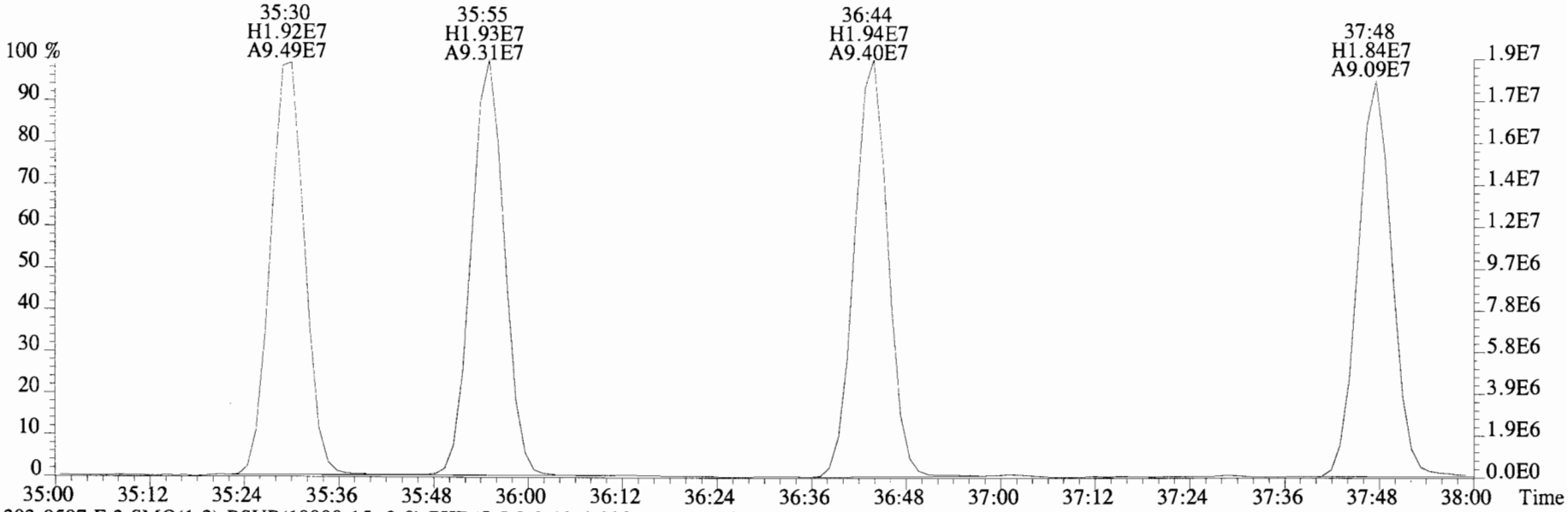
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33856.0,0.00%,F,F)



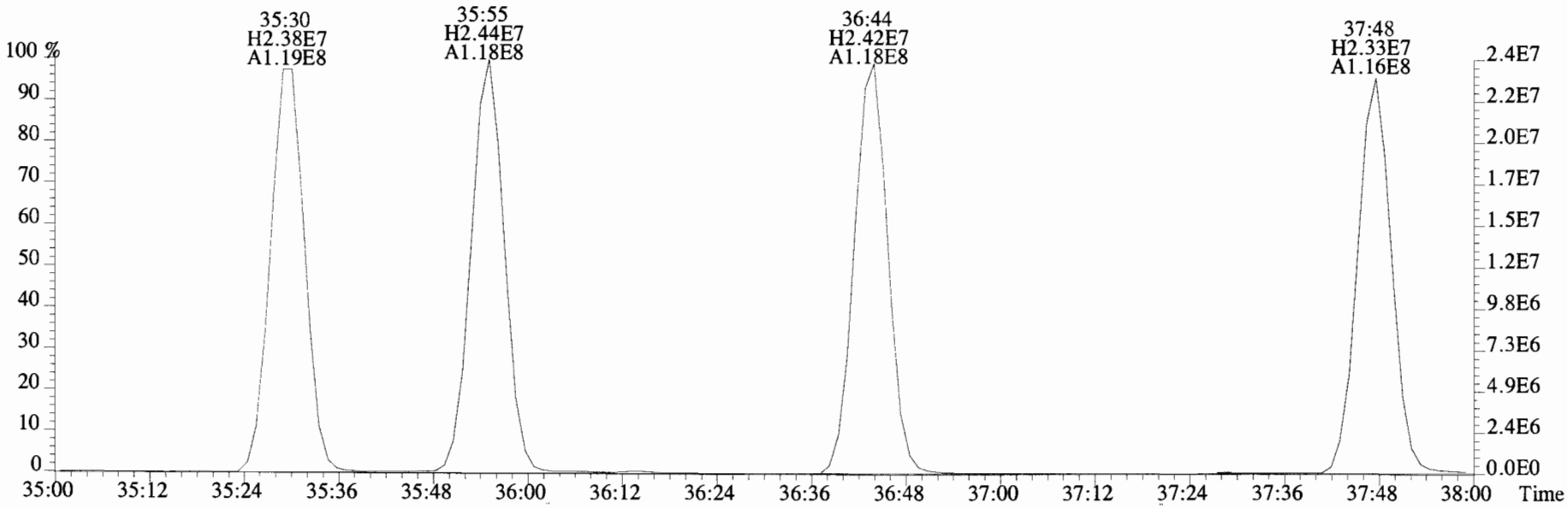
330.9792 F:3



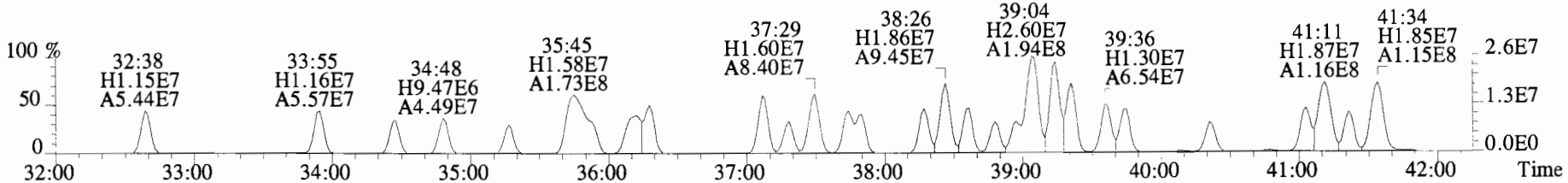
File:180315E1 #1-756 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,67780.0,0.00%,F,F)



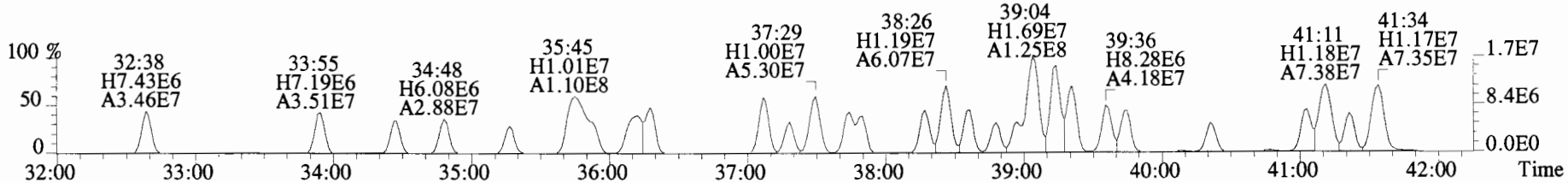
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33856.0,0.00%,F,F)



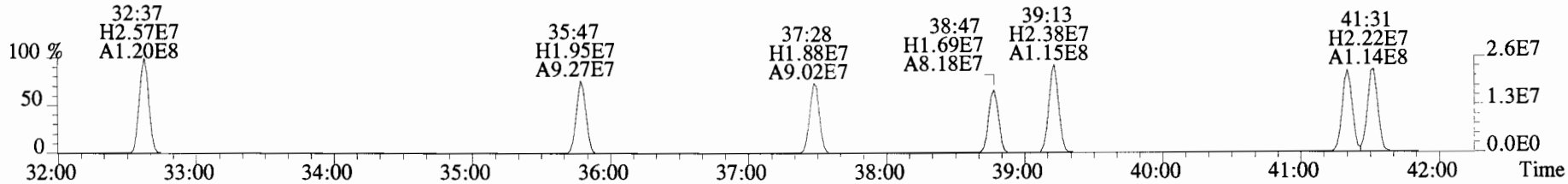
File:180315E1 #1-756 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1916.0,0.00%,F,F)



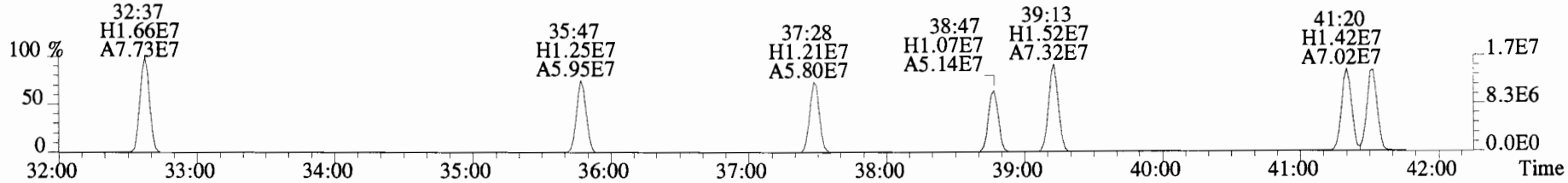
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1980.0,0.00%,F,F)



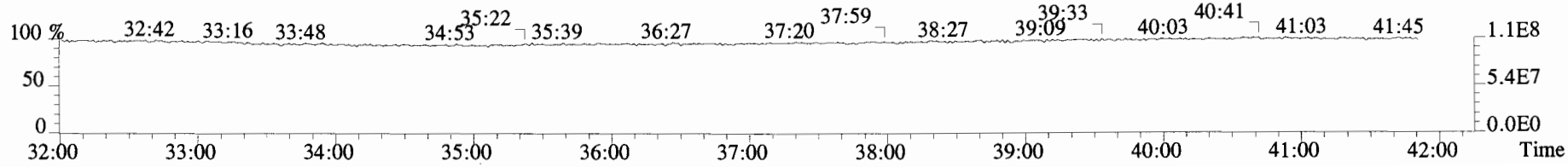
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5272.0,0.00%,F,F)



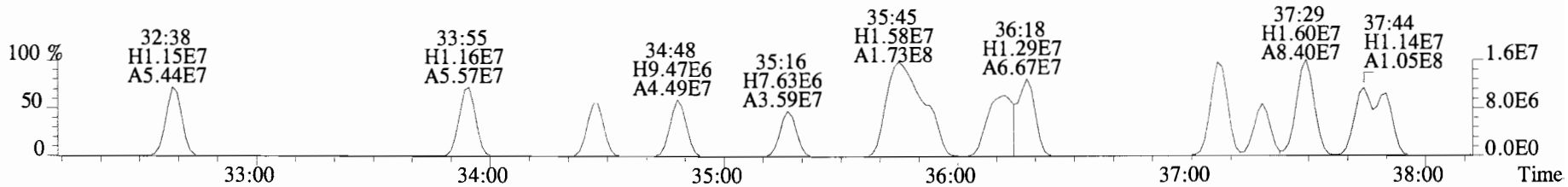
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4120.0,0.00%,F,F)



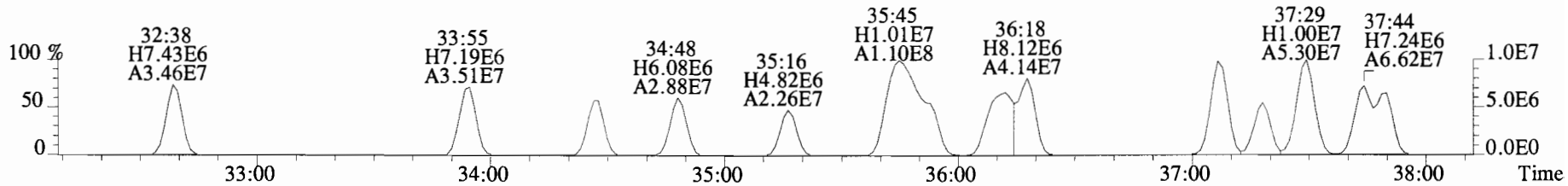
330.9792 F:3



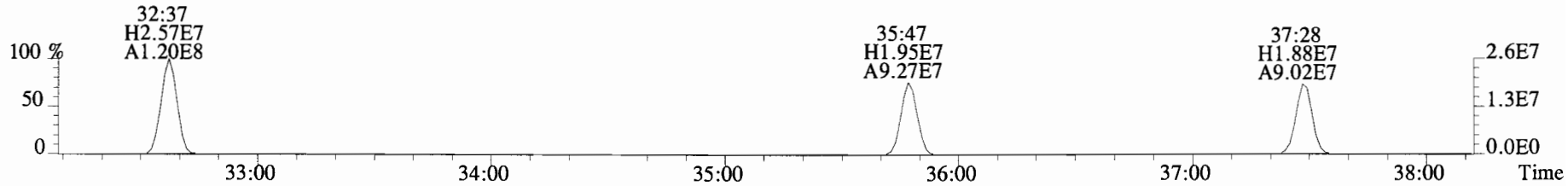
File:180315E1 #1-756 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1916.0,0.00%,F,F)



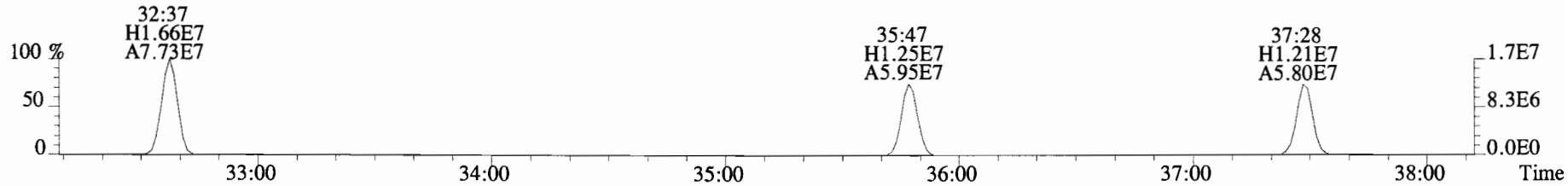
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1980.0,0.00%,F,F)



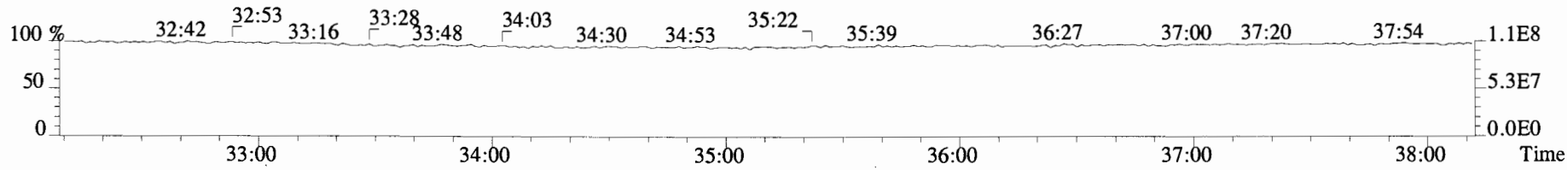
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5272.0,0.00%,F,F)



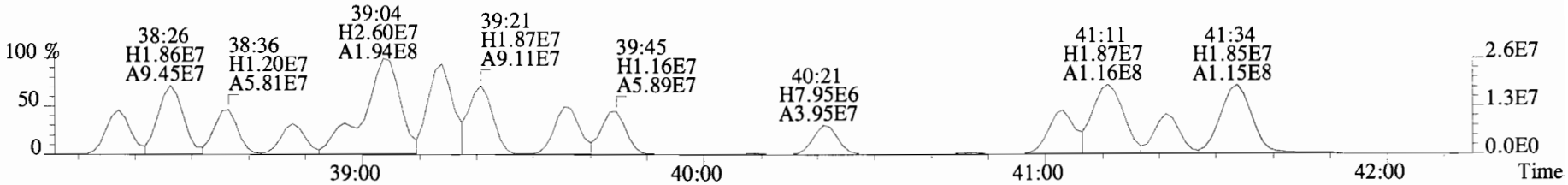
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4120.0,0.00%,F,F)



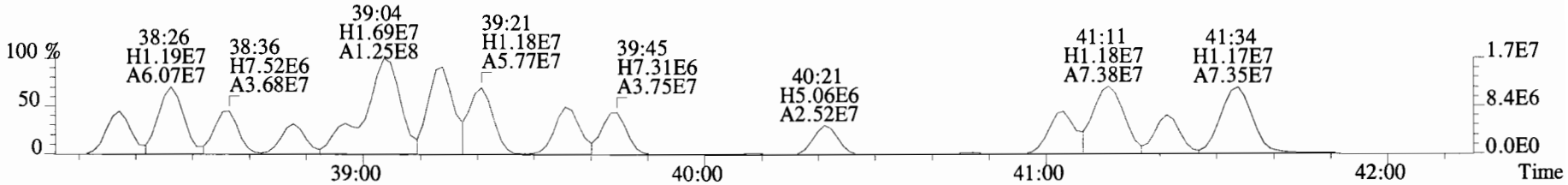
330.9792 F:3



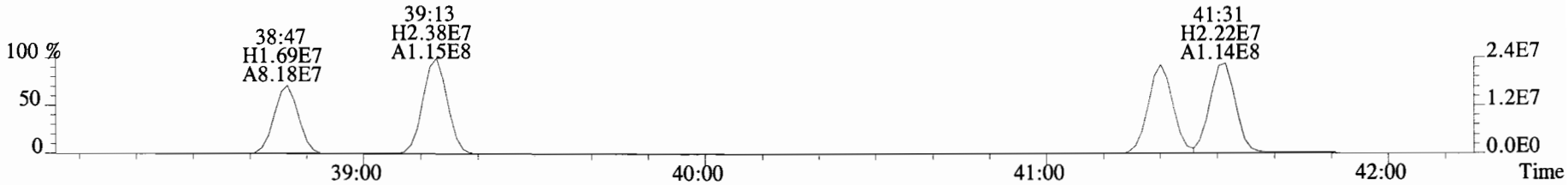
File:180315E1 #1-756 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1916.0,0.00%,F,F)



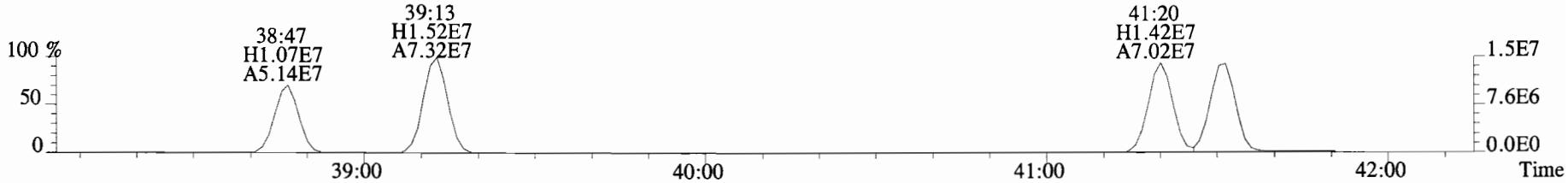
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1980.0,0.00%,F,F)



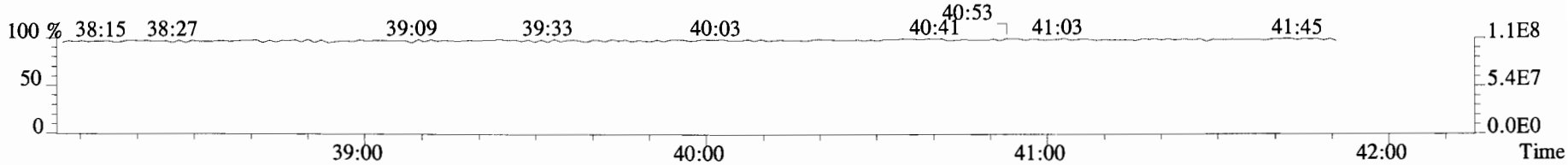
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5272.0,0.00%,F,F)



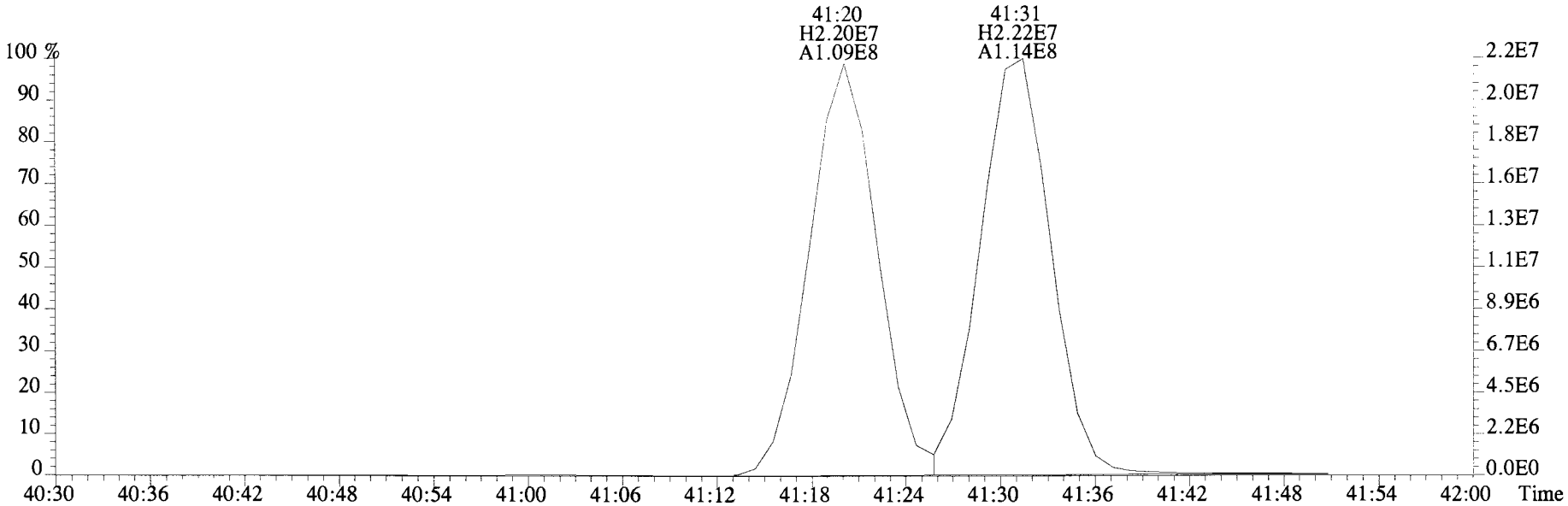
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4120.0,0.00%,F,F)



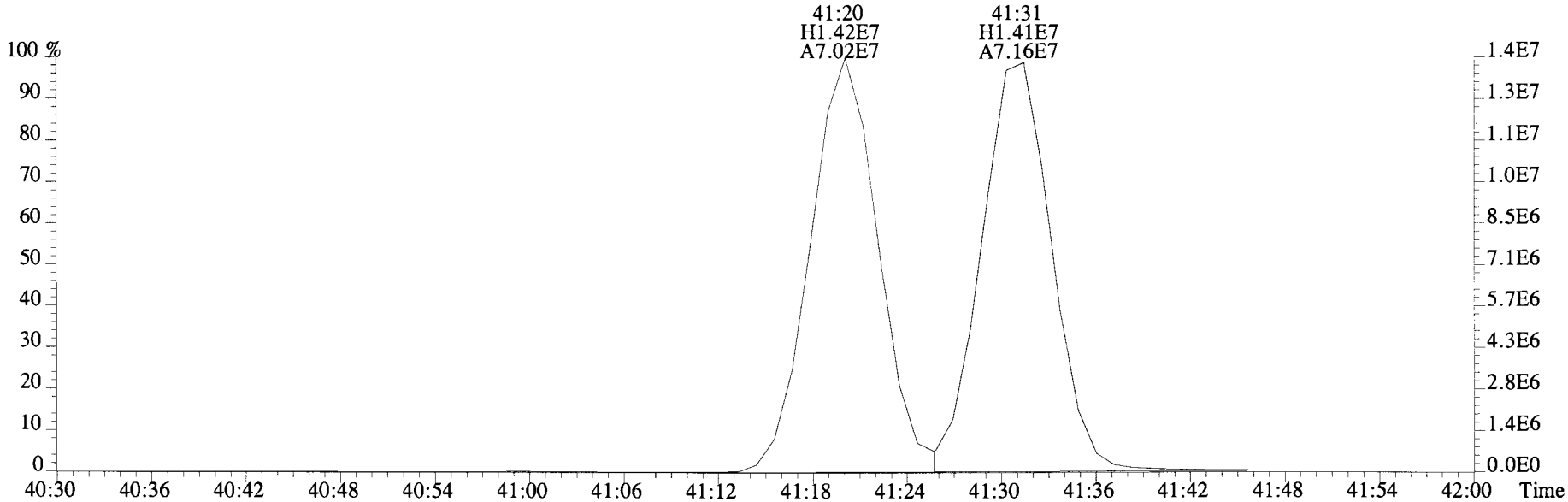
330.9792 F:3



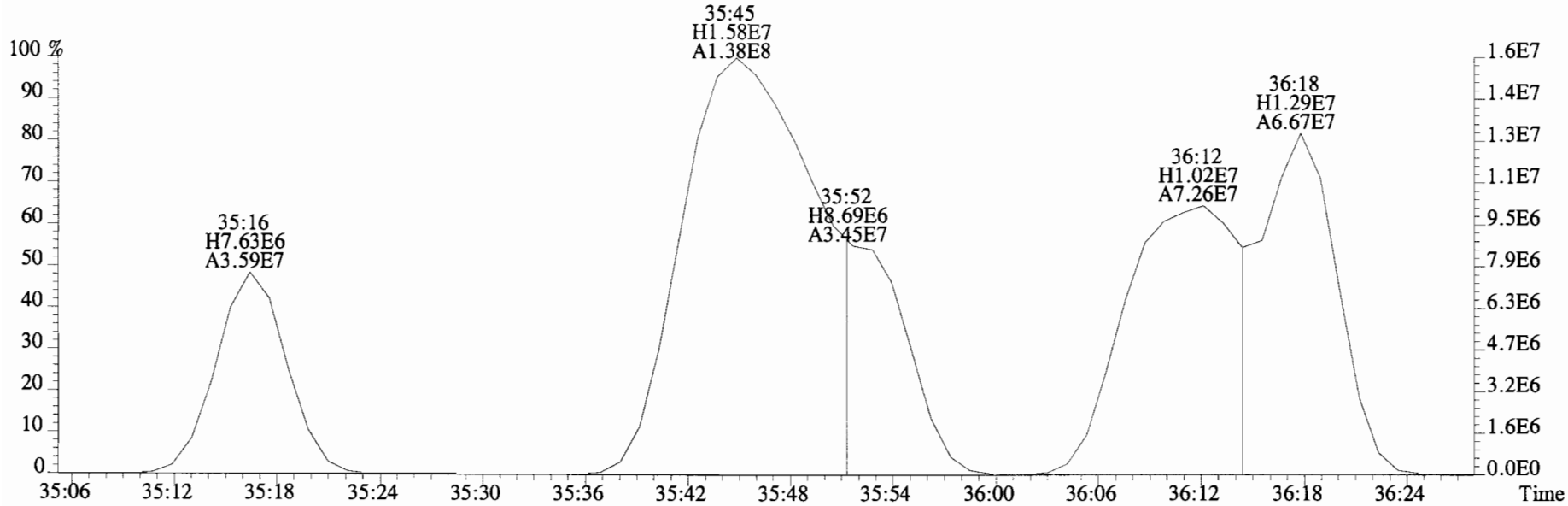
File:180315E1 #1-756 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5272.0,0.00%,F,F)



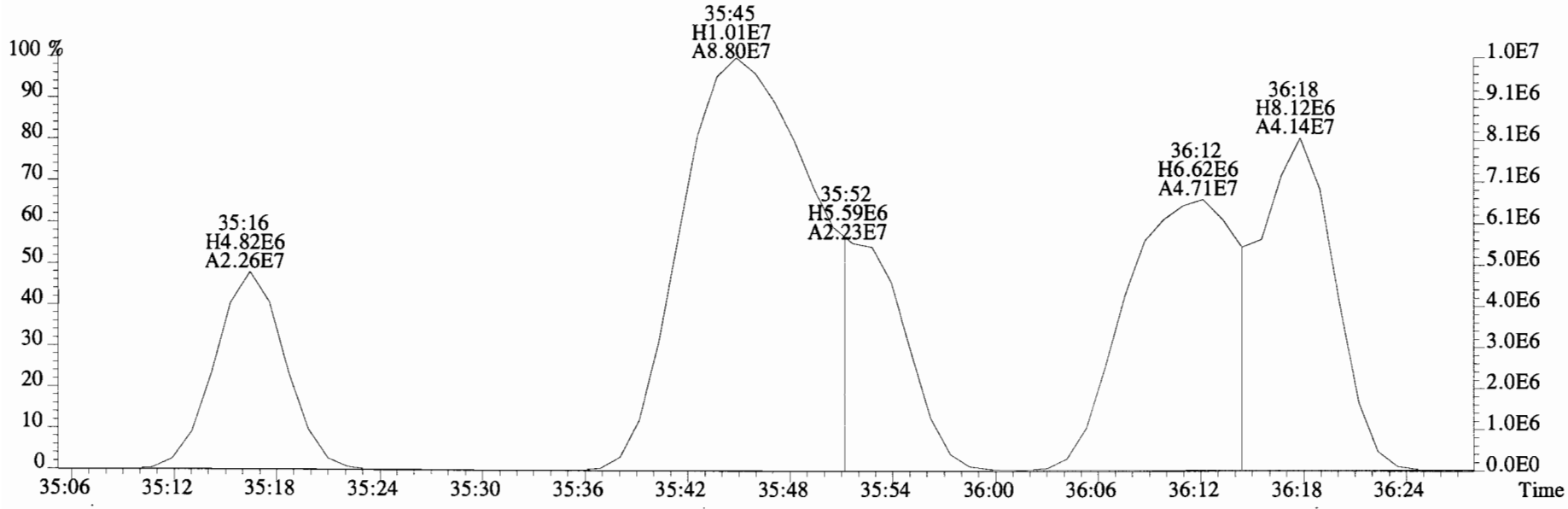
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4120.0,0.00%,F,F)



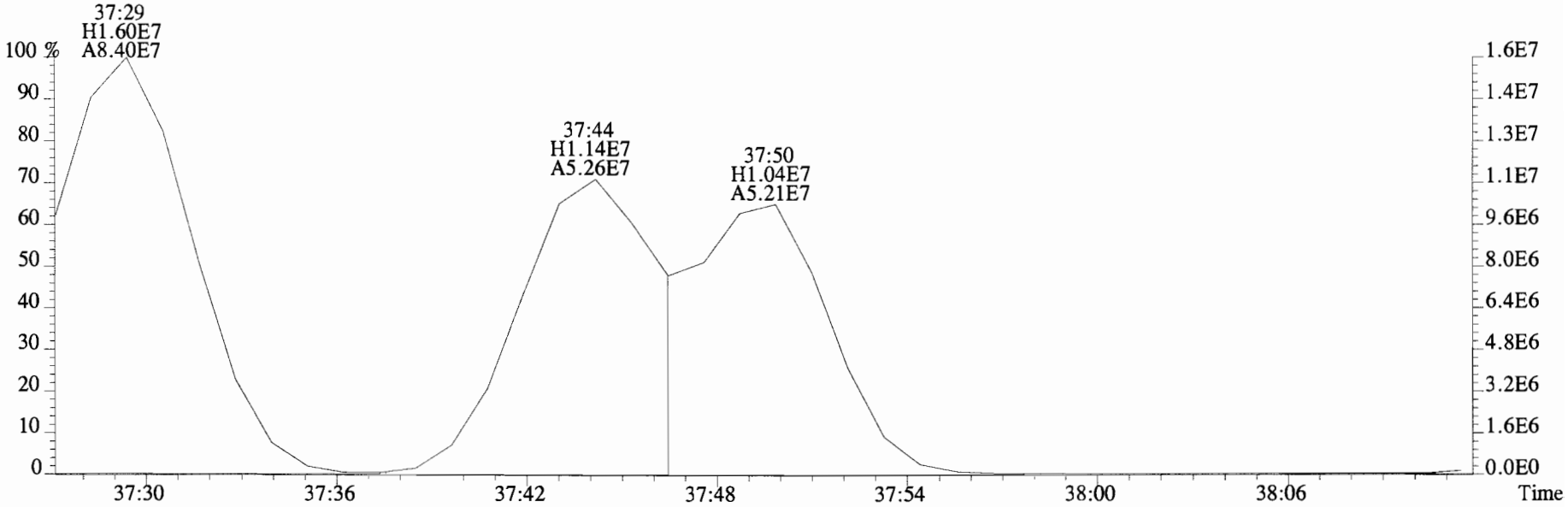
File:180315E1 #1-756 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1916.0,0.00%,F,F)



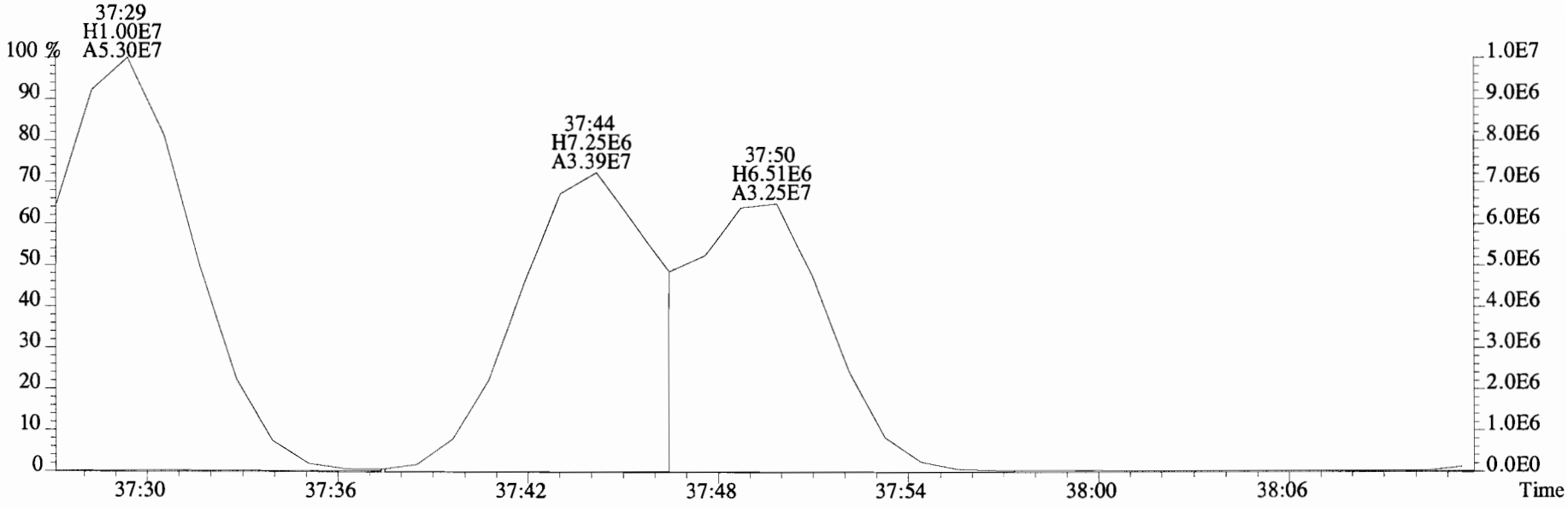
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1980.0,0.00%,F,F)



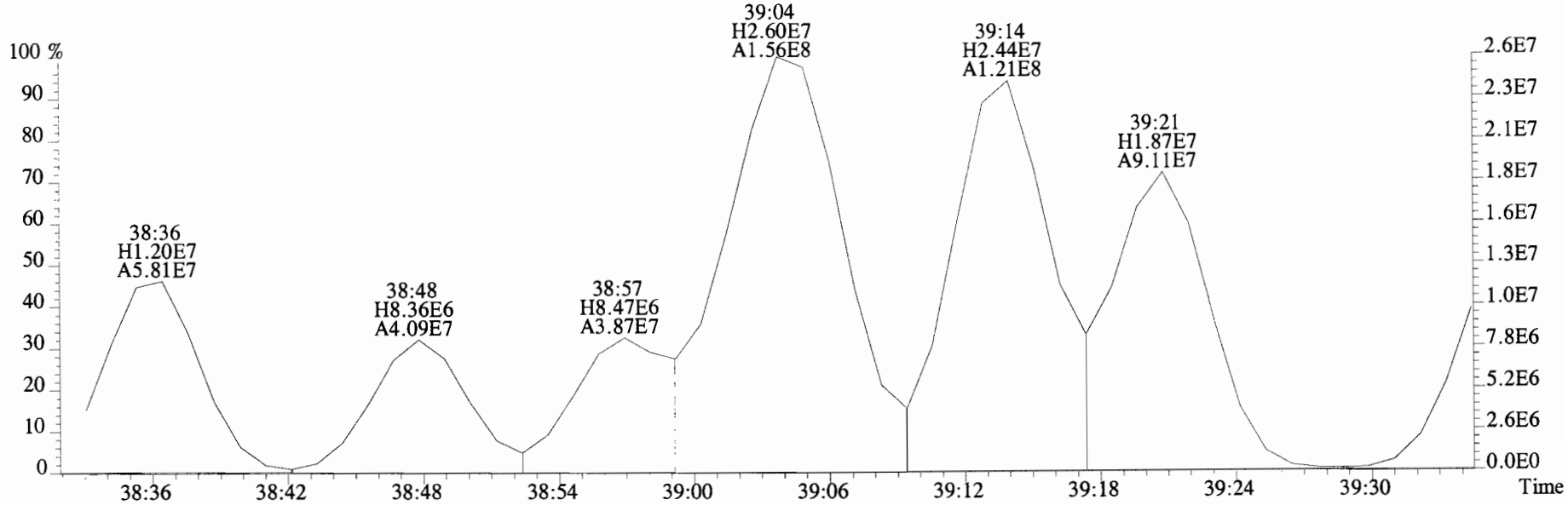
File:180315E1 #1-756 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1916.0,0.00%,F,F)



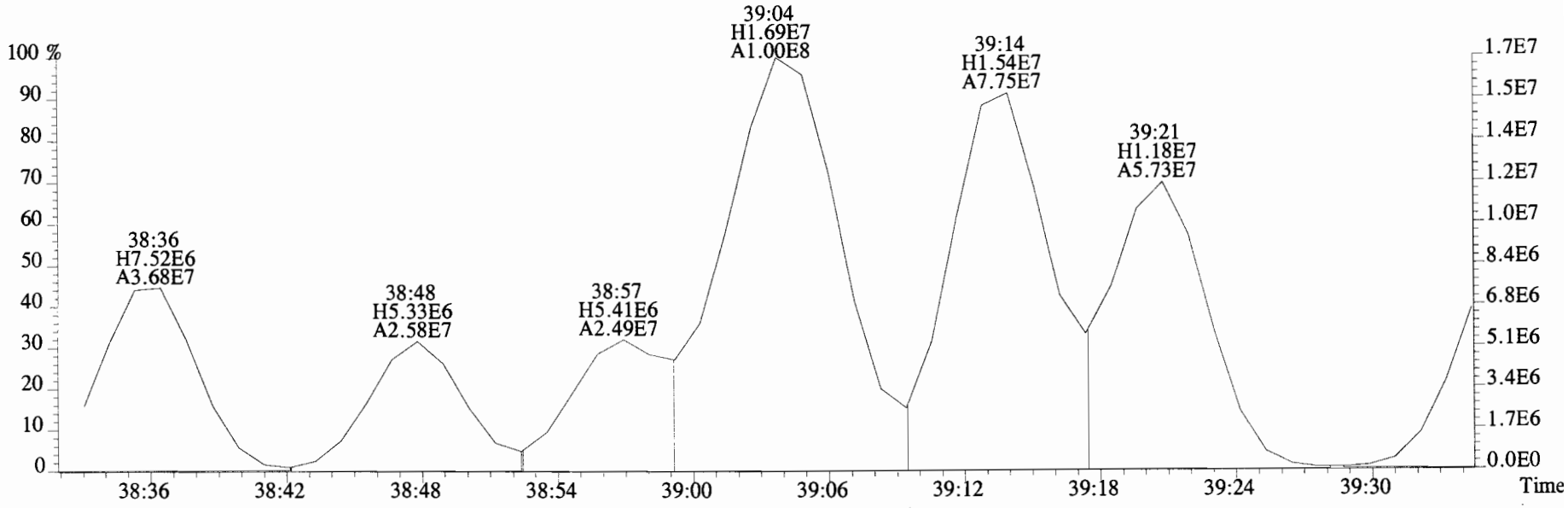
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1980.0,0.00%,F,F)



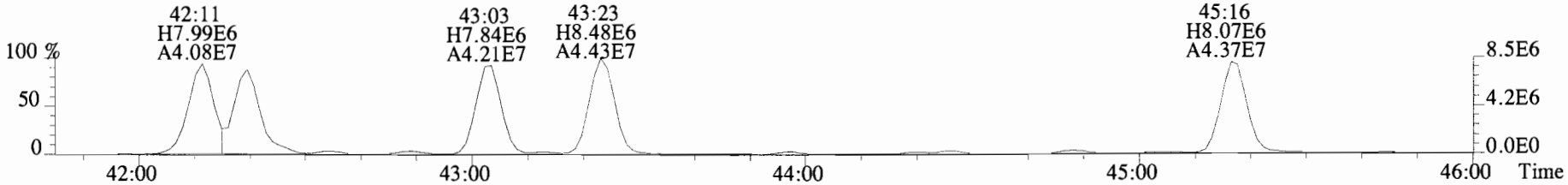
File:180315E1 #1-756 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1916.0,0.00%,F,F)



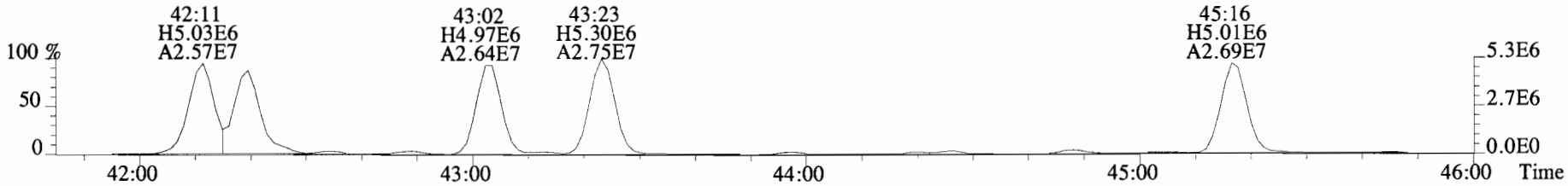
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1980.0,0.00%,F,F)



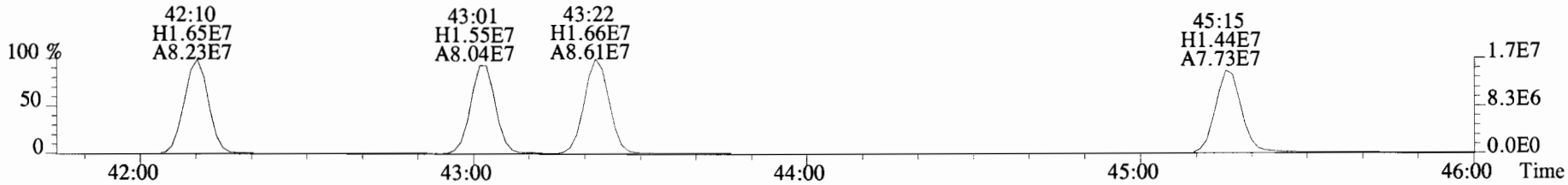
File:180315E1 #1-574 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6008.0,0.00%,F,F)



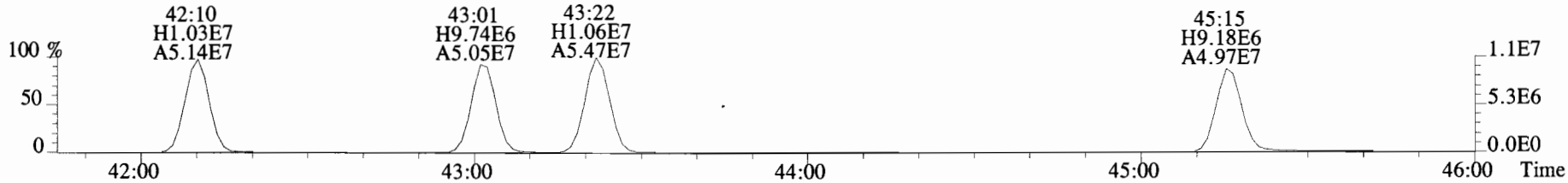
327.8775 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7544.0,0.00%,F,F)



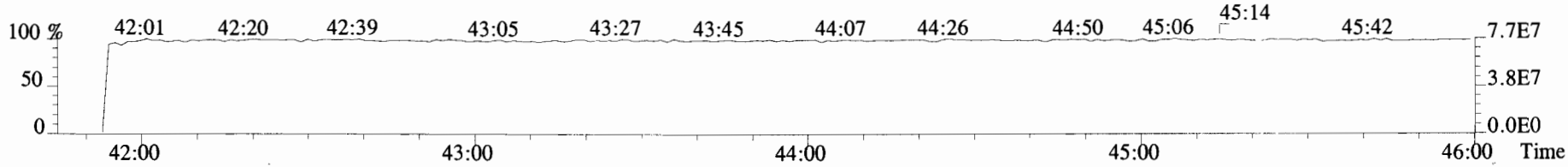
337.9207 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9084.0,0.00%,F,F)



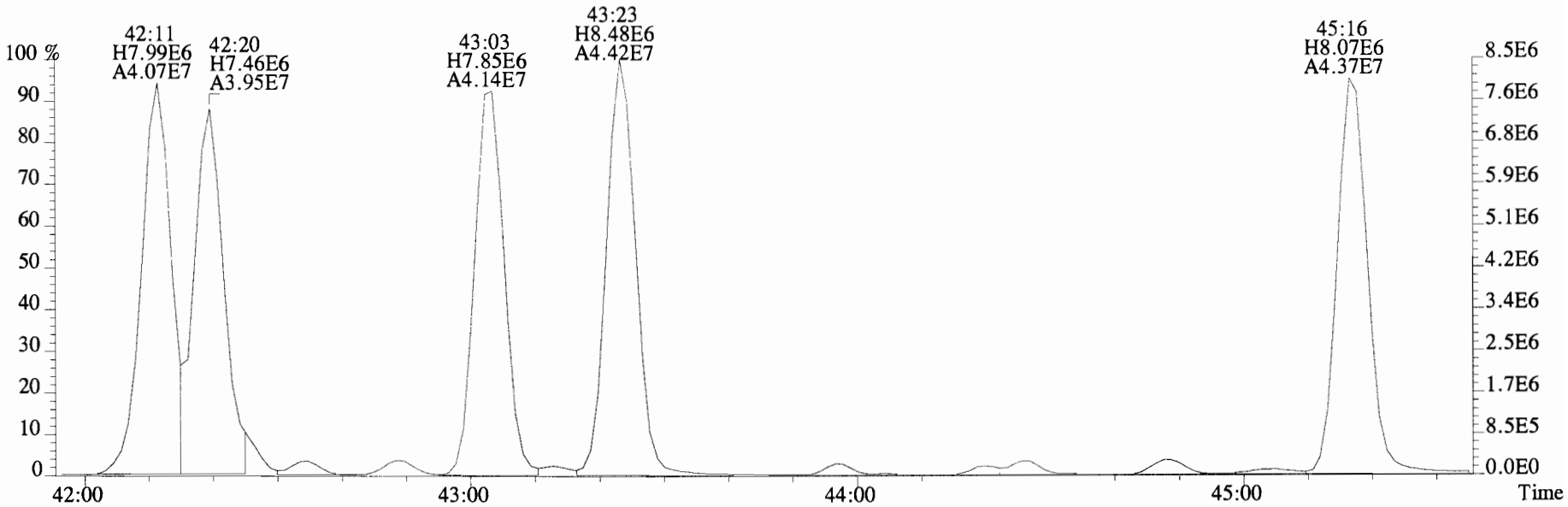
339.9177 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6748.0,0.00%,F,F)



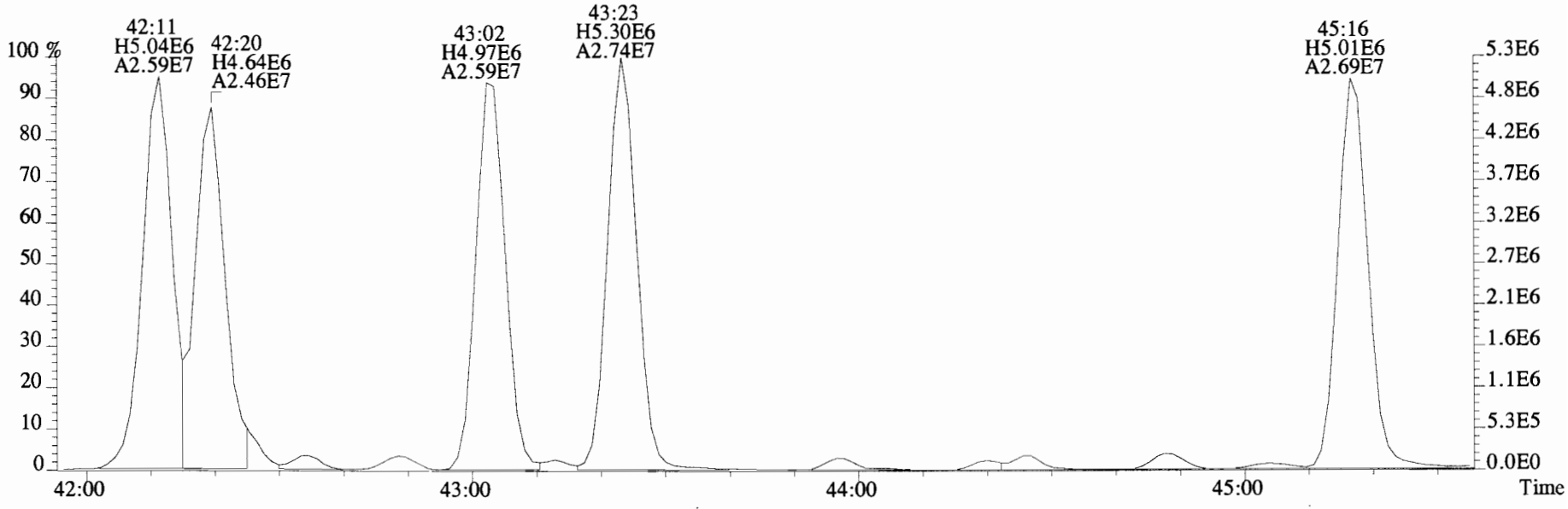
380.9760 F:4



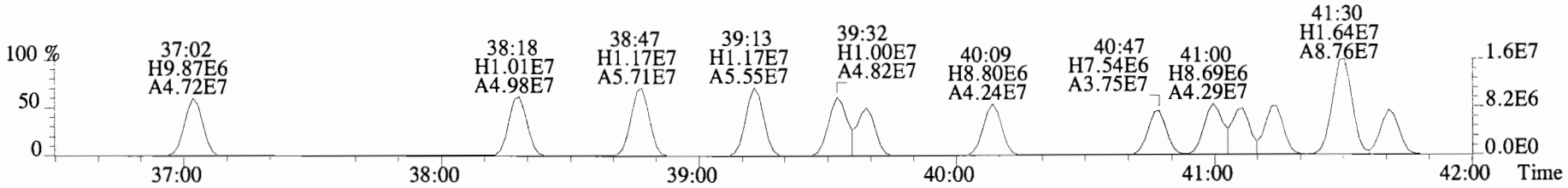
File:180315E1 #1-574 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6008.0,0.00%,F,F)



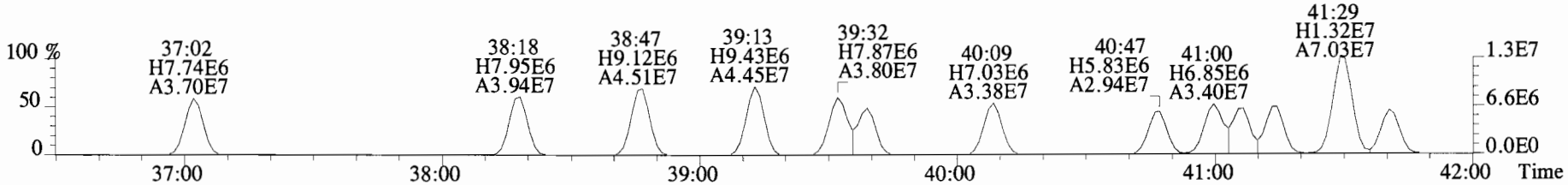
327.8775 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7544.0,0.00%,F,F)



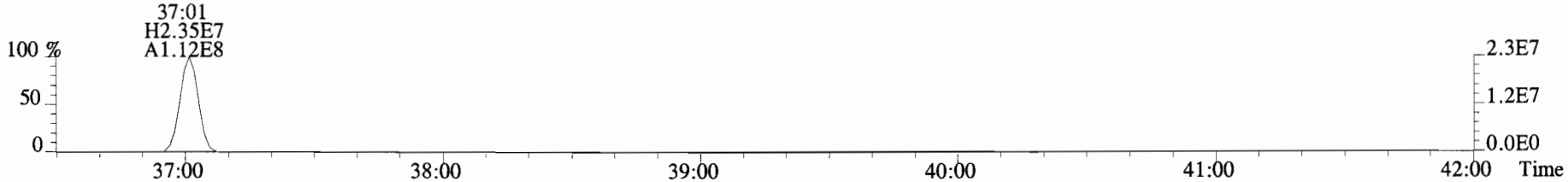
File:180315E1 #1-756 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1756.0,0.00%,F,F)



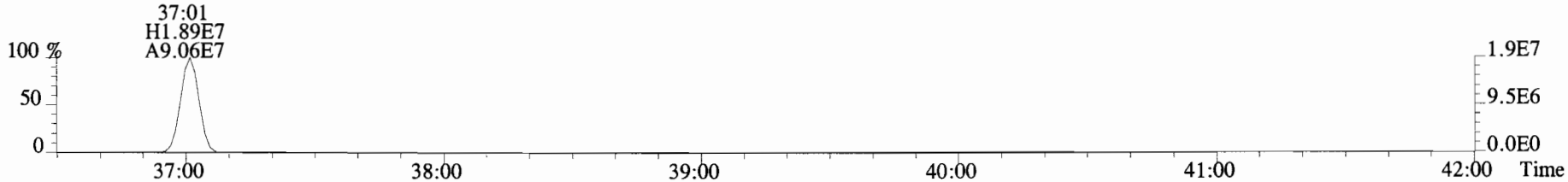
361.8385 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1488.0,0.00%,F,F)



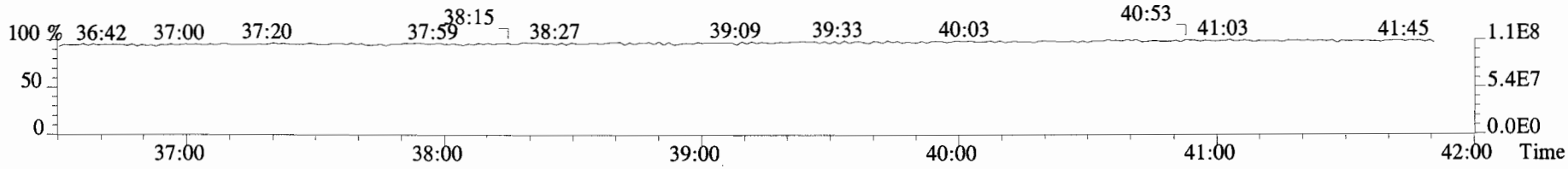
371.8817 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2428.0,0.00%,F,F)



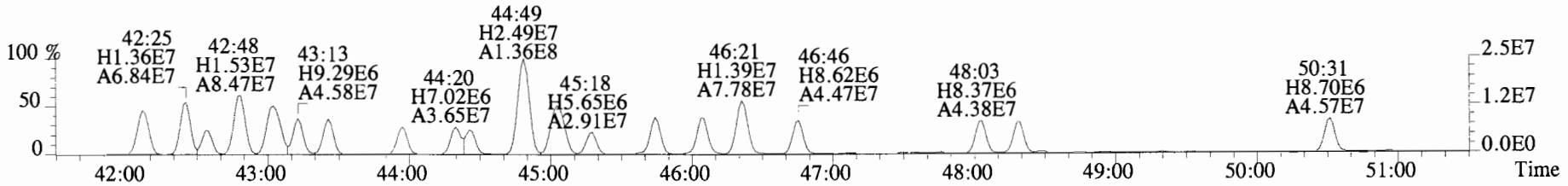
373.8788 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2680.0,0.00%,F,F)



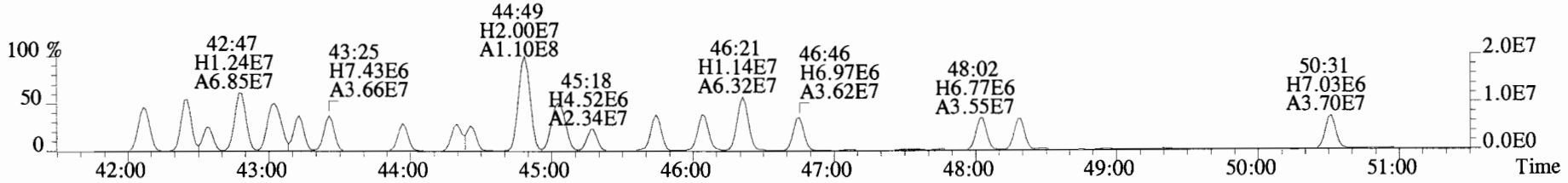
330.9792 F:3



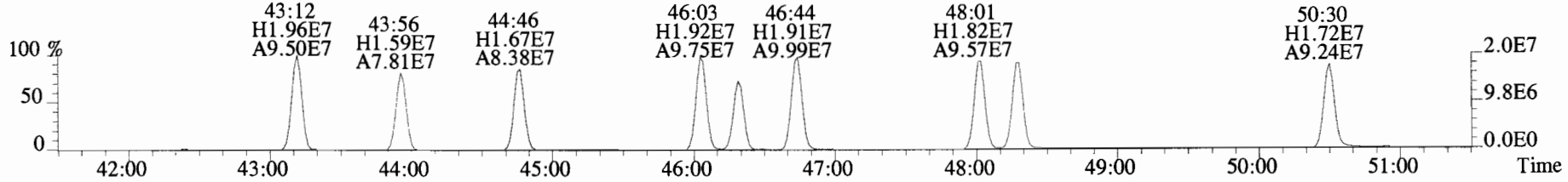
File:180315E1 #1-574 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,68536.0,0.00%,F,F)



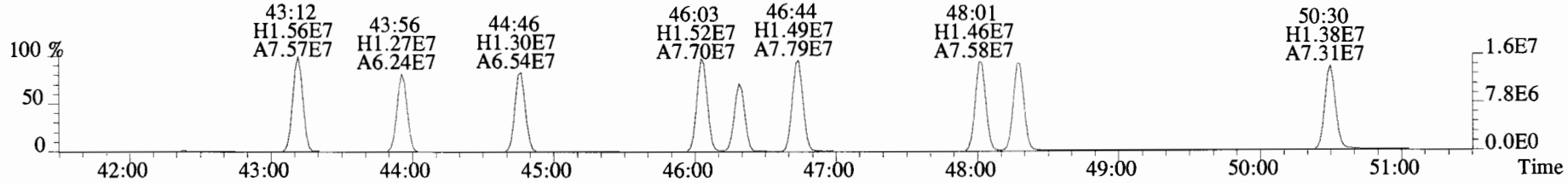
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50044.0,0.00%,F,F)



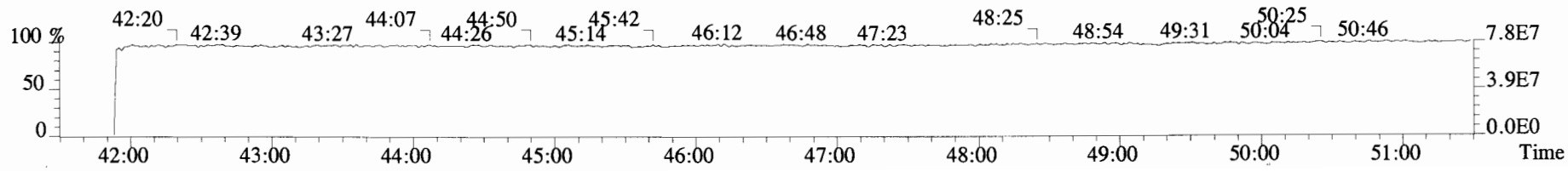
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19796.0,0.00%,F,F)



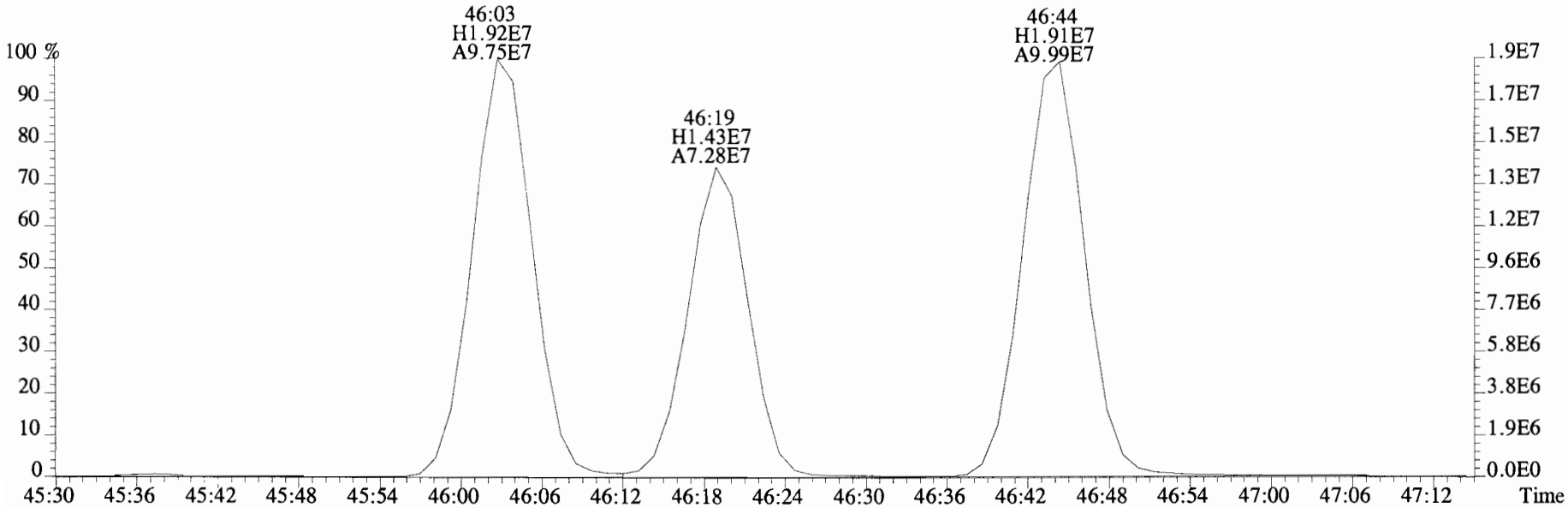
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16880.0,0.00%,F,F)



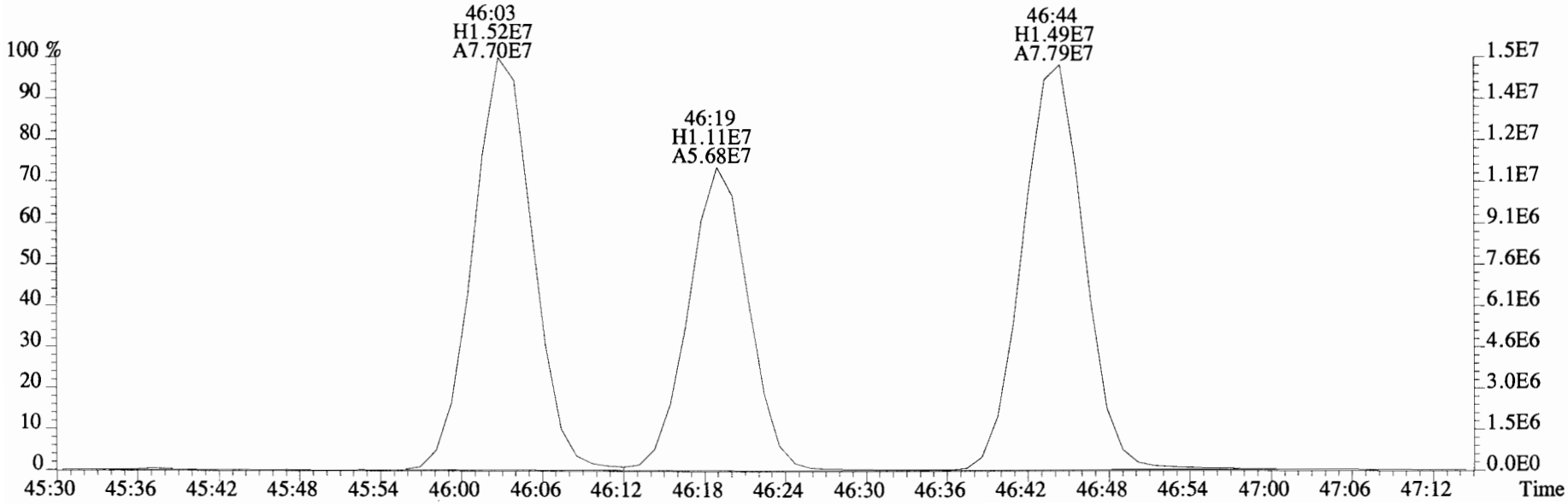
380.9760 F:4



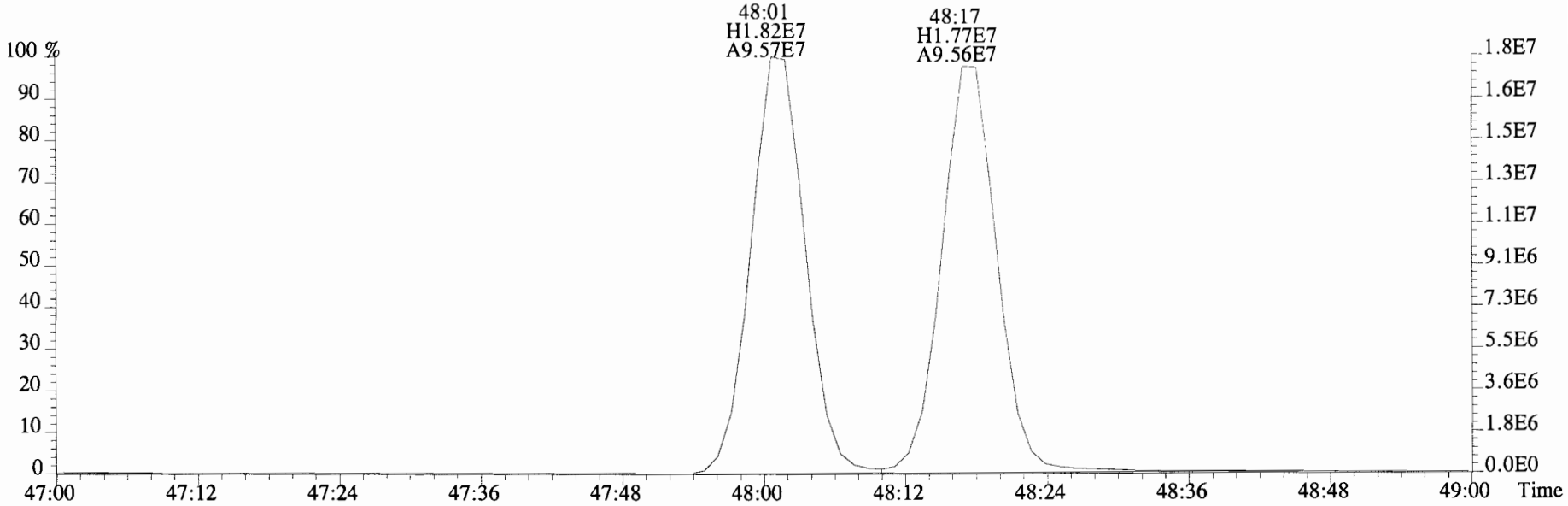
File:180315E1 #1-574 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19796.0,0.00%,F,F)



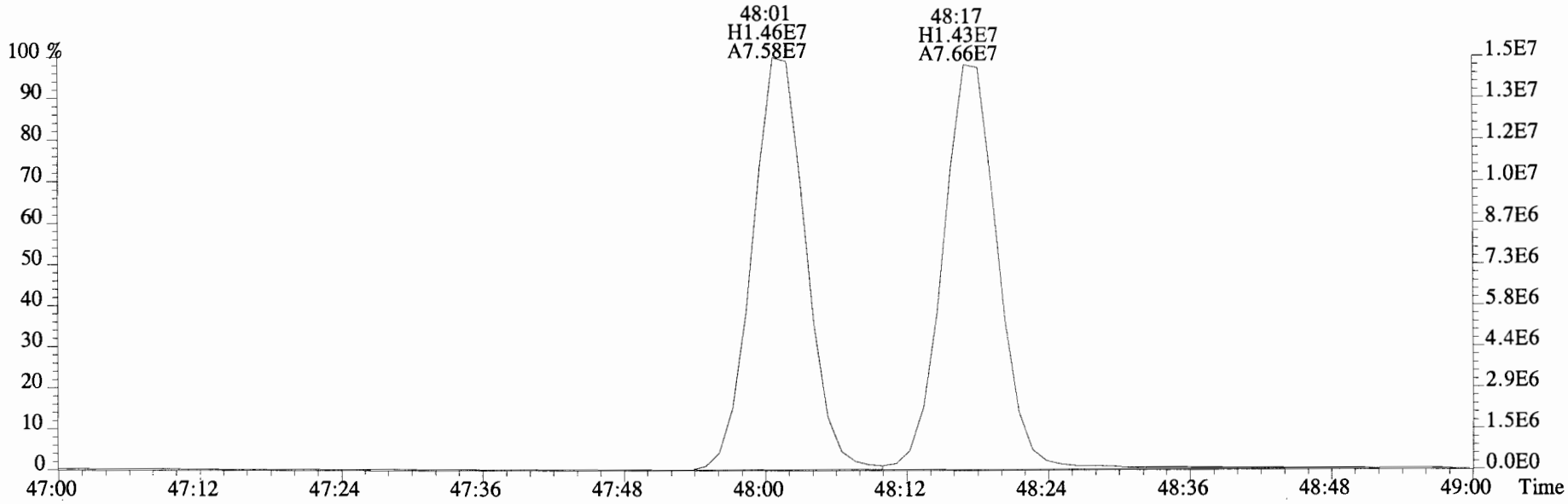
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16880.0,0.00%,F,F)



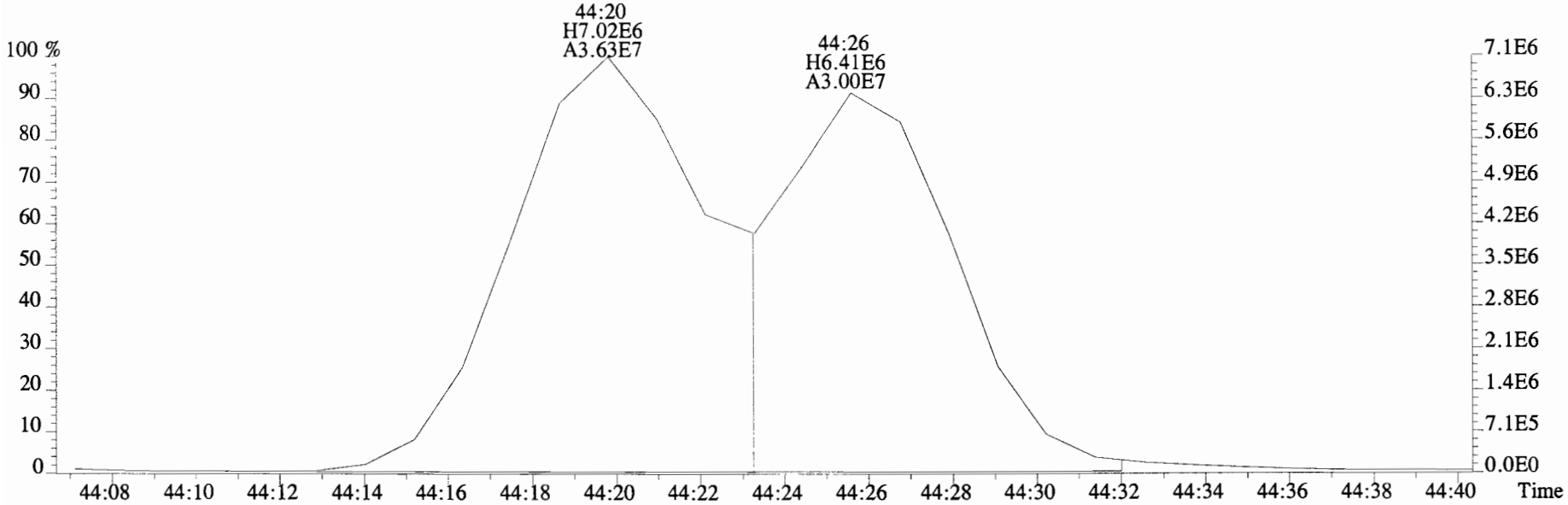
File:180315E1 #1-574 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19796.0,0.00%,F,F)



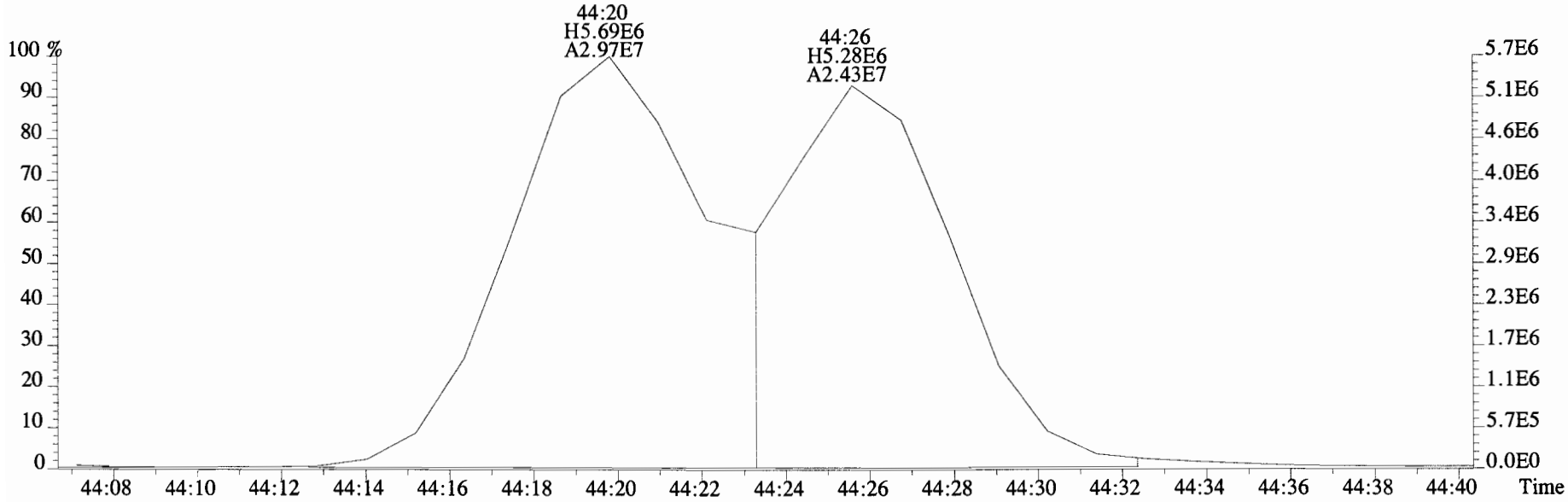
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16880.0,0.00%,F,F)



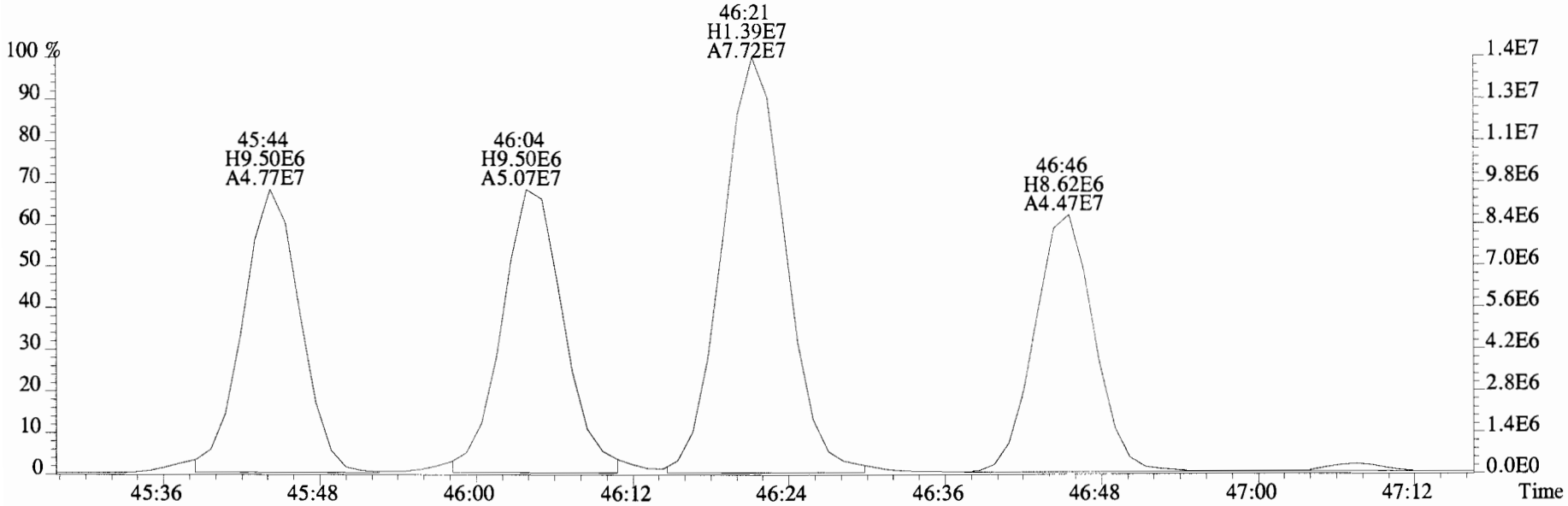
File:180315E1 #1-574 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,68536.0,0.00%,F,F)



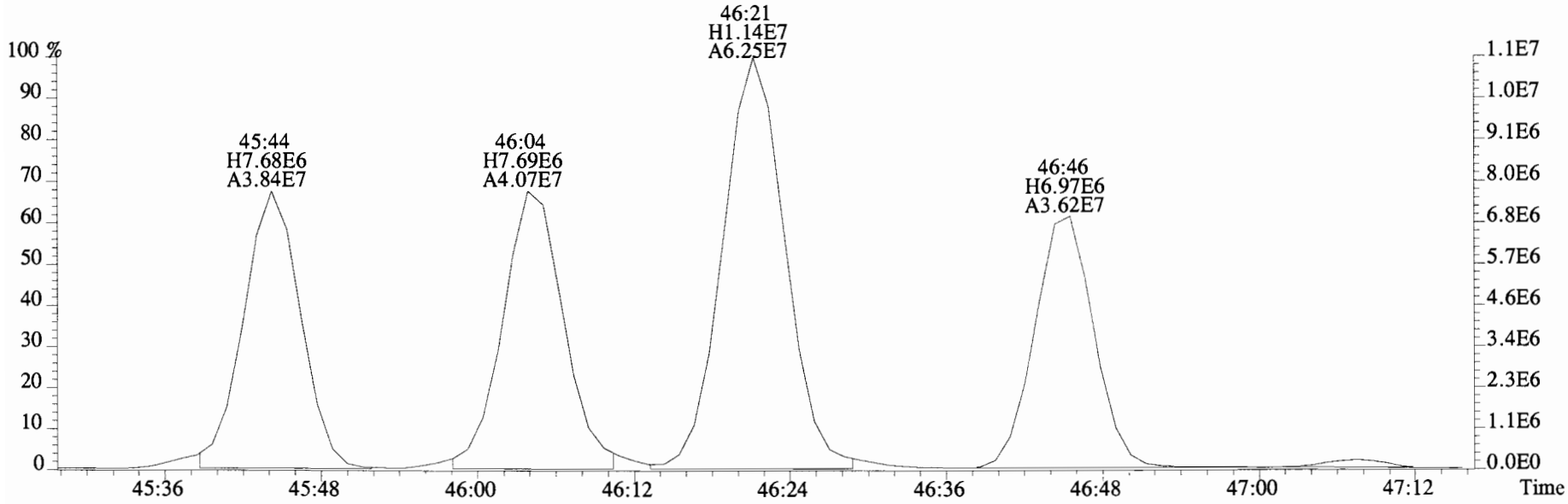
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50044.0,0.00%,F,F)



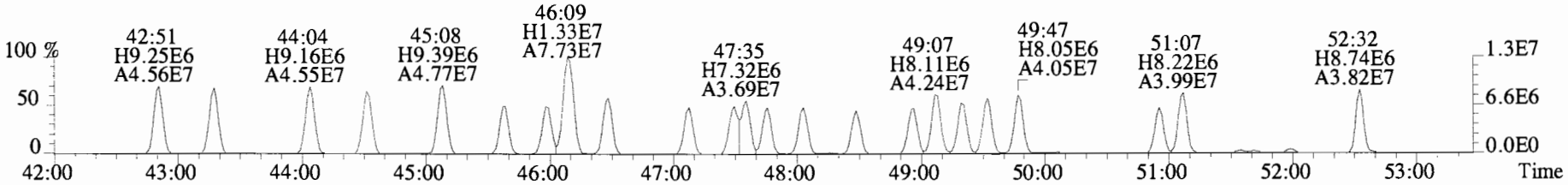
File:180315E1 #1-574 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,68536.0,0.00%,F,F)



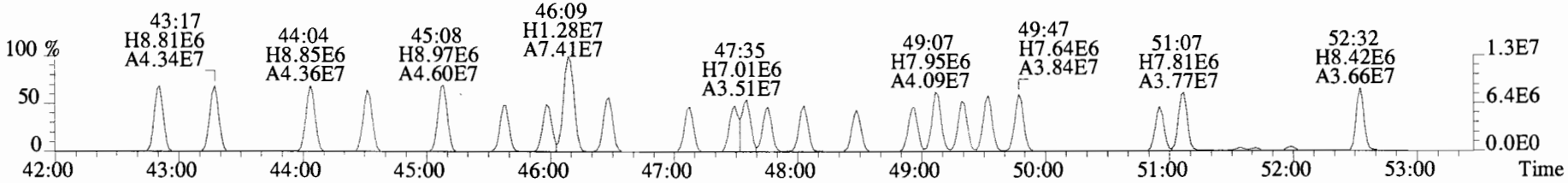
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50044.0,0.00%,F,F)



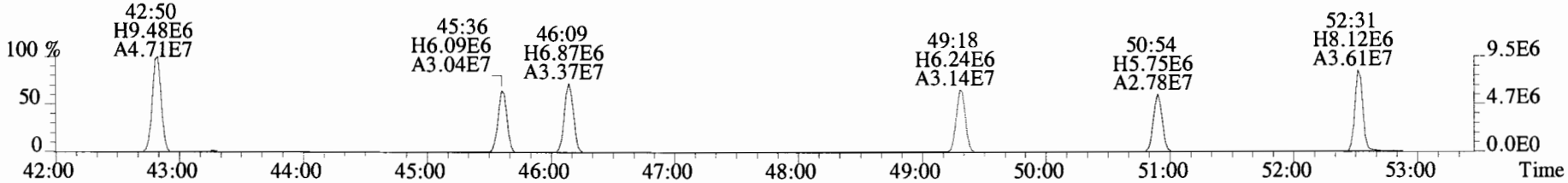
File:180315E1 #1-574 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
393.8025 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14832.0,0.00%,F,F)



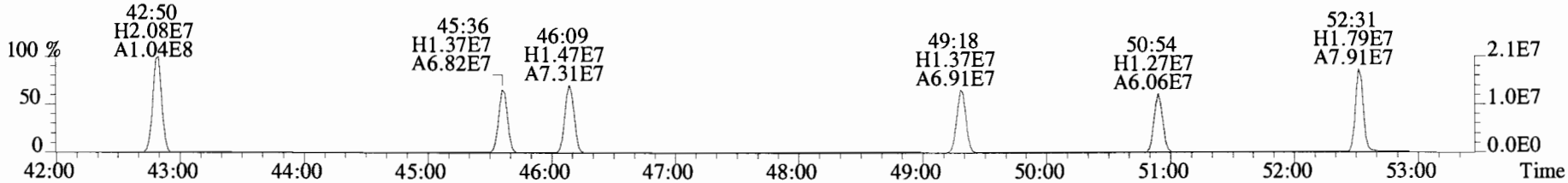
395.7995 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11216.0,0.00%,F,F)



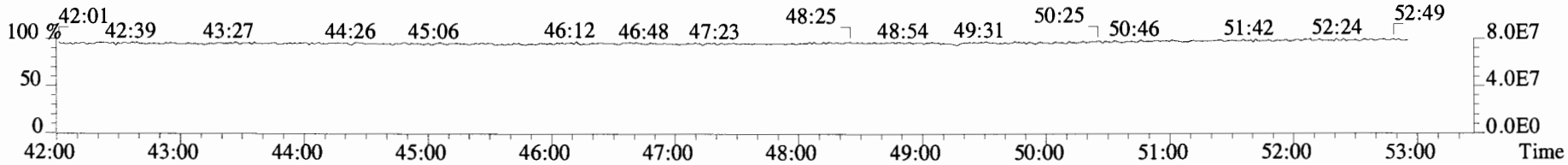
403.8457 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6404.0,0.00%,F,F)



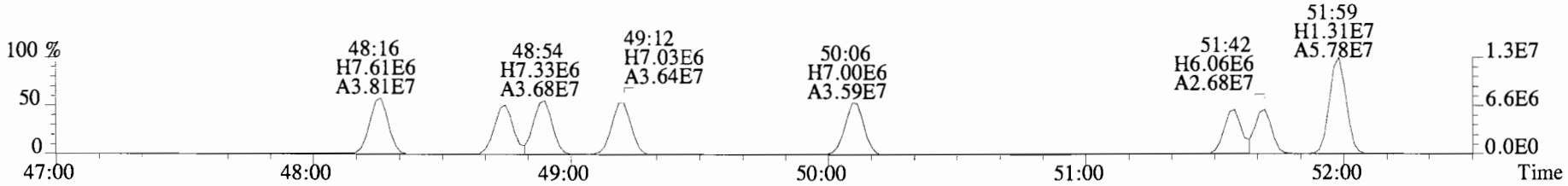
405.8428 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10372.0,0.00%,F,F)



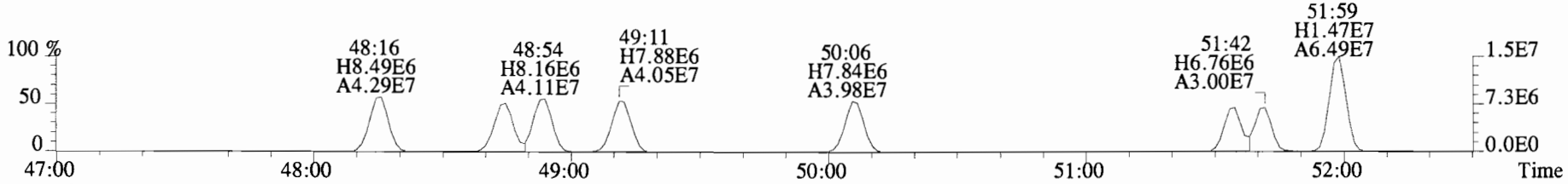
380.9760 F:4



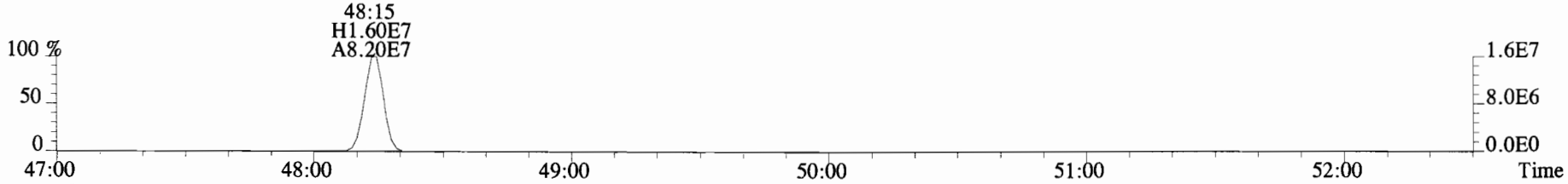
File:180315E1 #1-574 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
427.7635 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1268.0,0.00%,F,F)



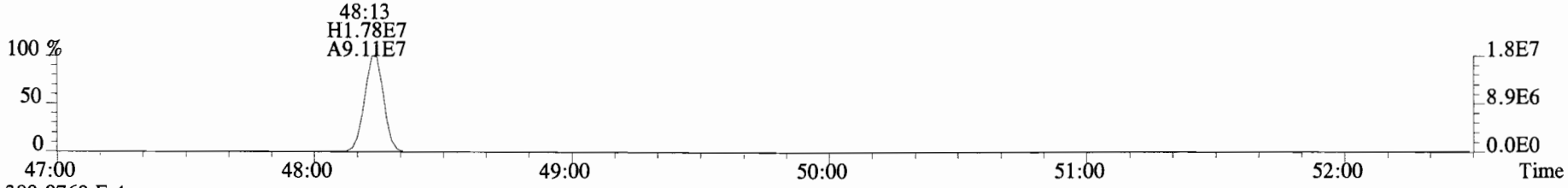
429.7606 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1848.0,0.00%,F,F)



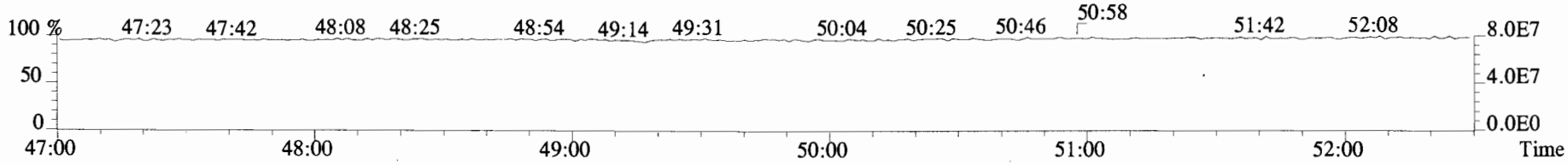
439.8038 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1556.0,0.00%,F,F)



441.8008 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1616.0,0.00%,F,F)

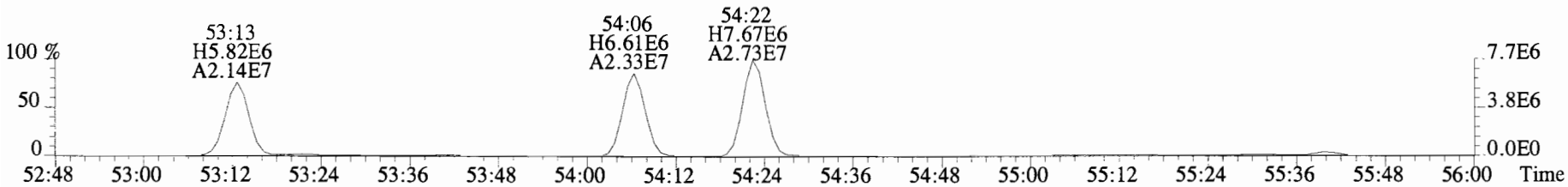


380.9760 F:4

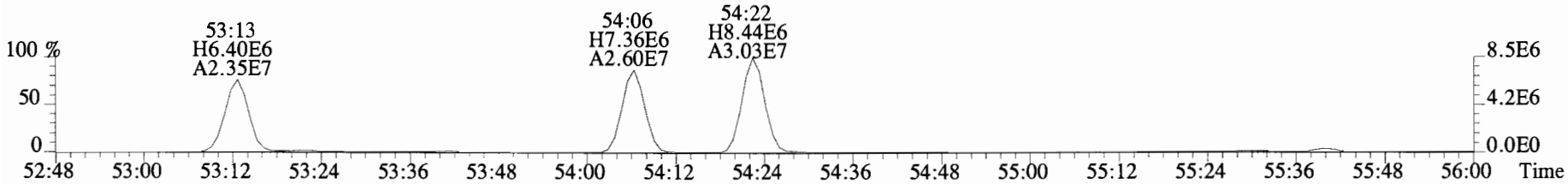


File:180315E1 #1-407 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1

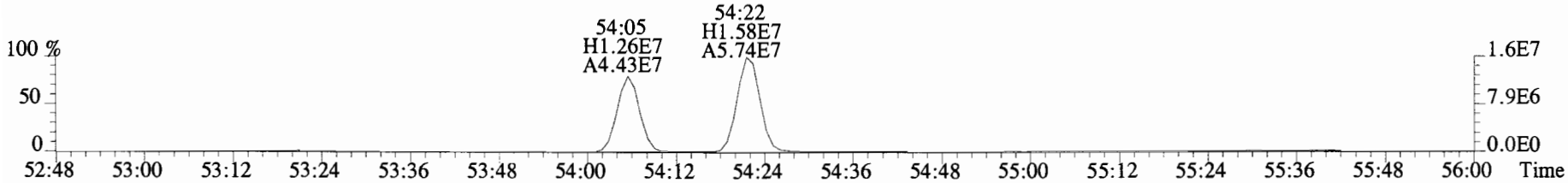
427.7635 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4408.0,0.00%,F,F)



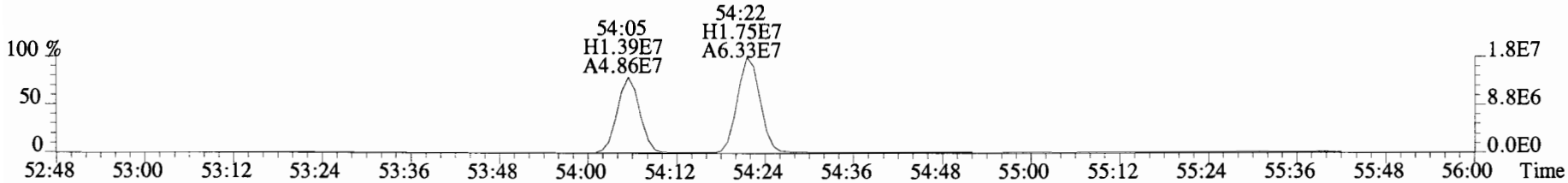
429.7606 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5080.0,0.00%,F,F)



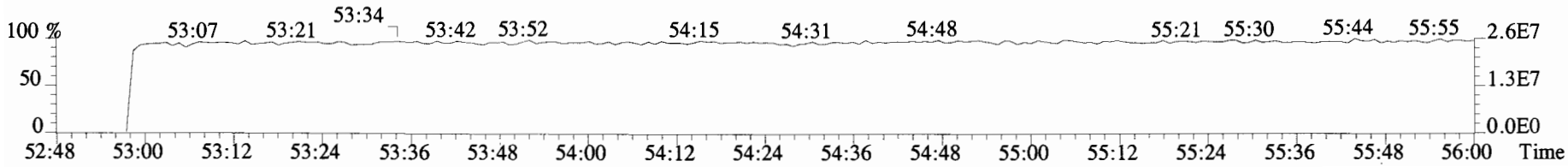
439.8038 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5260.0,0.00%,F,F)



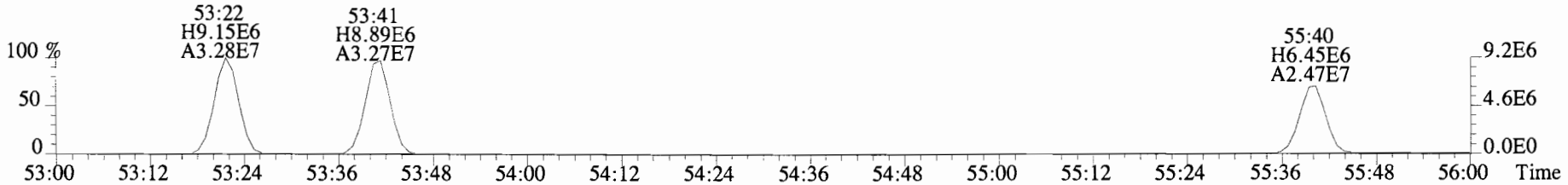
441.8008 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6864.0,0.00%,F,F)



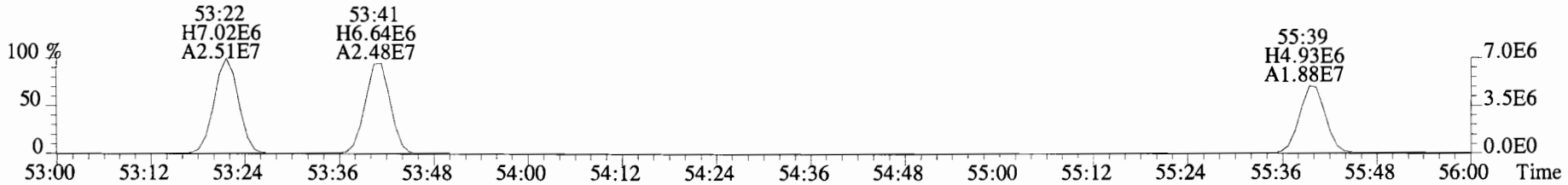
492.9697 F:5



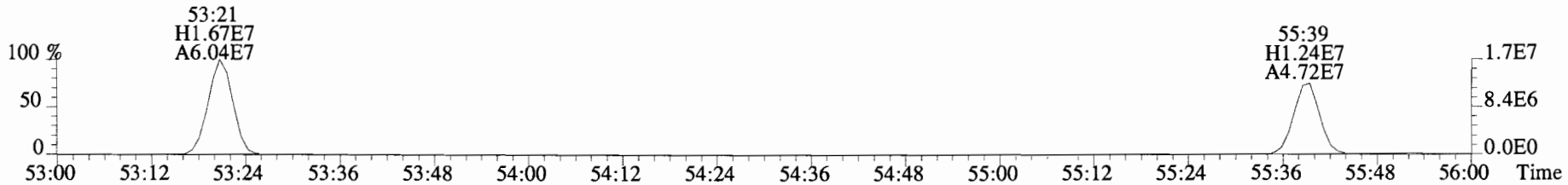
File:180315E1 #1-407 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
463.7216 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10592.0,0.00%,F,F)



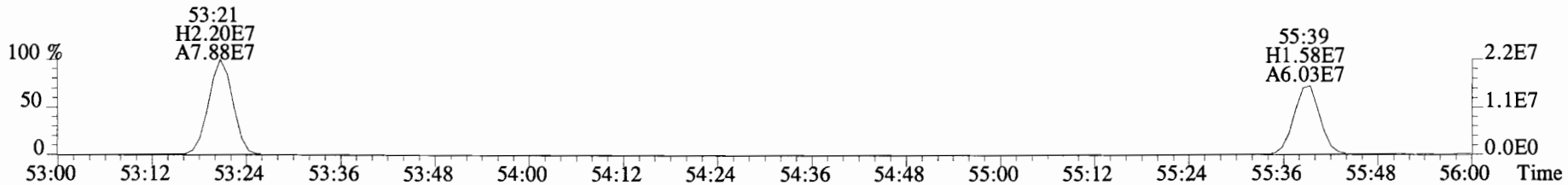
465.7186 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8488.0,0.00%,F,F)



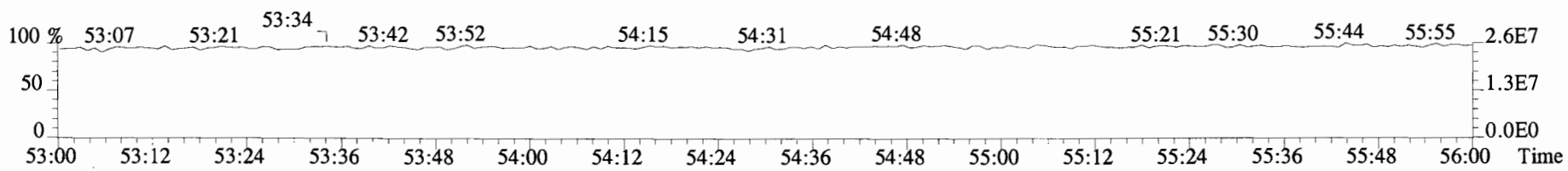
473.7648 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14056.0,0.00%,F,F)



475.7619 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16960.0,0.00%,F,F)

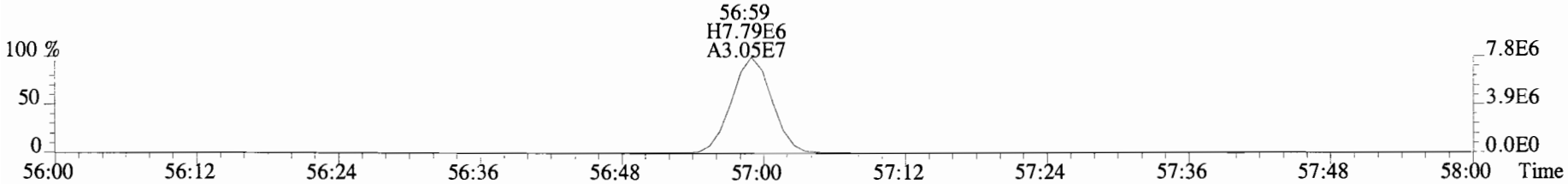


492.9697 F:5

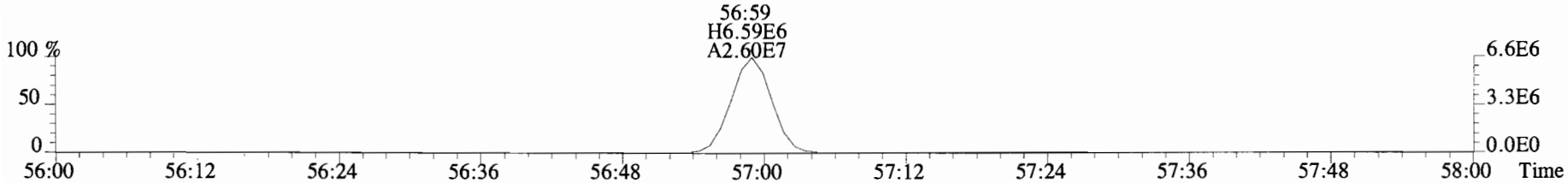


File:180315E1 #1-407 Acq:15-MAR-2018 09:28:51 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180315E1-1 PCB CS3 17L3006 Exp:PCB_ZB1

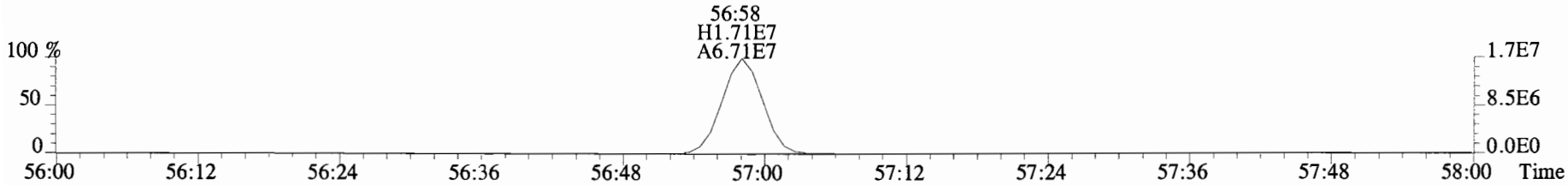
497.6826 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1760.0,0.00%,F,F)



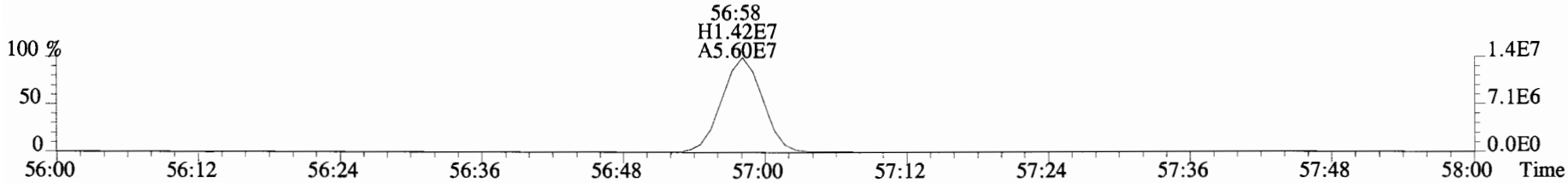
499.6797 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1924.0,0.00%,F,F)



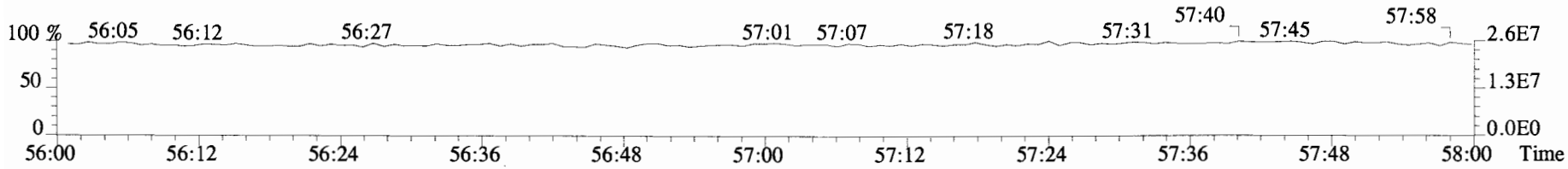
509.7229 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2072.0,0.00%,F,F)



511.7199 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1740.0,0.00%,F,F)

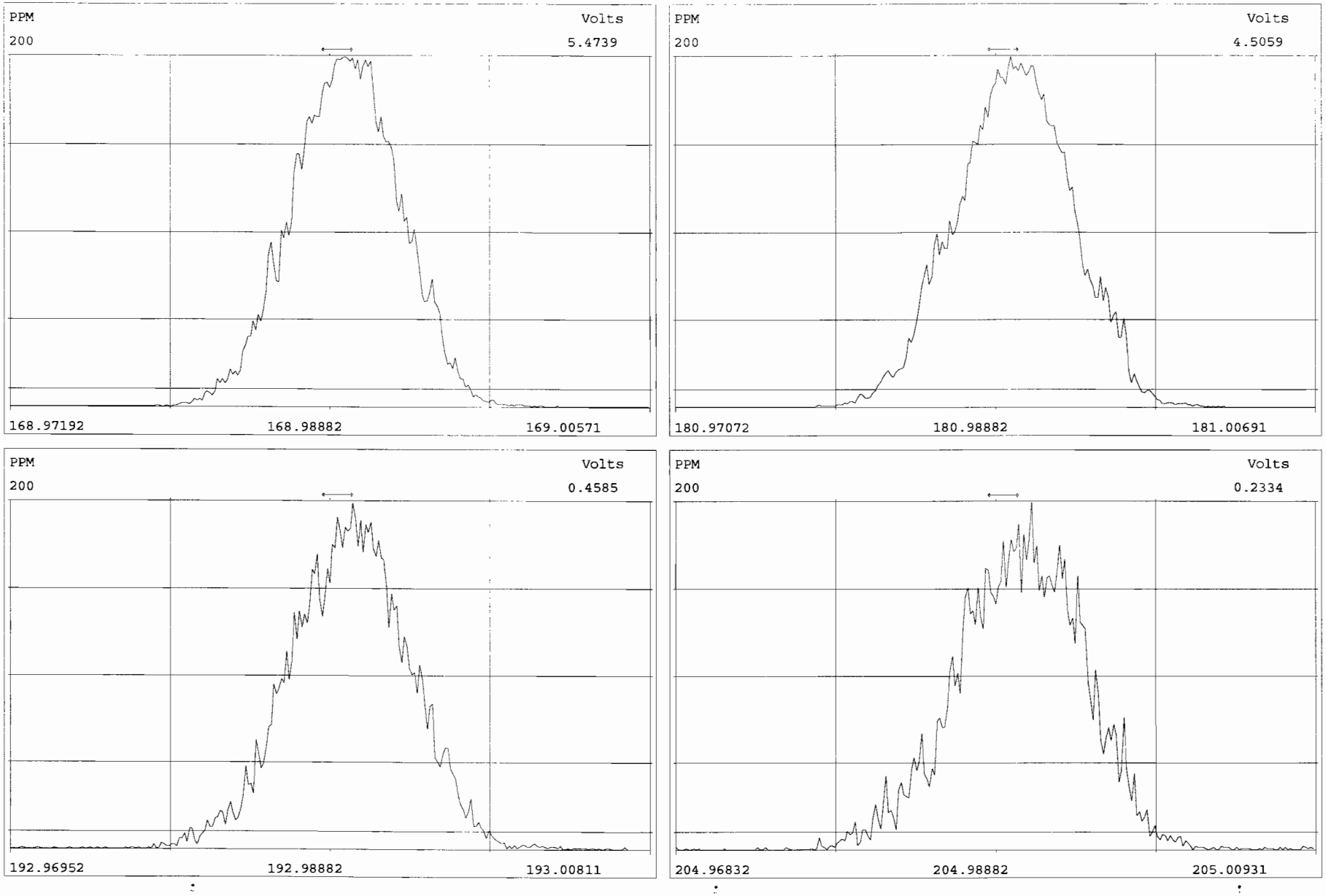


492.9697 F:5



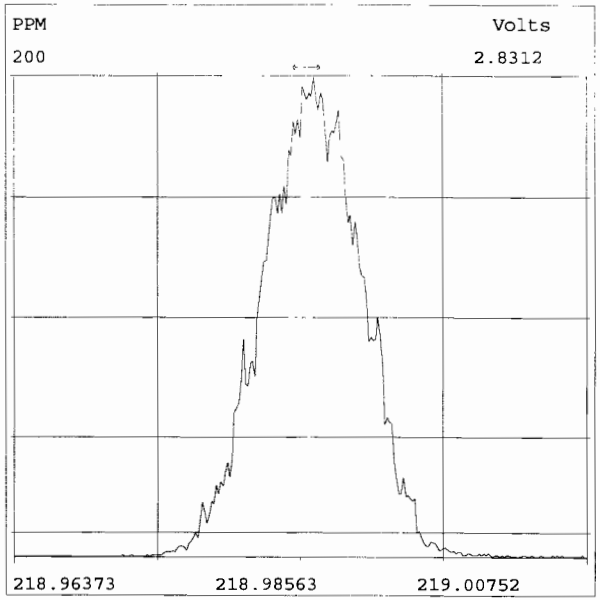
Peak Locate Examination:15-MAR-2018:23:44 File:RES_CHECK

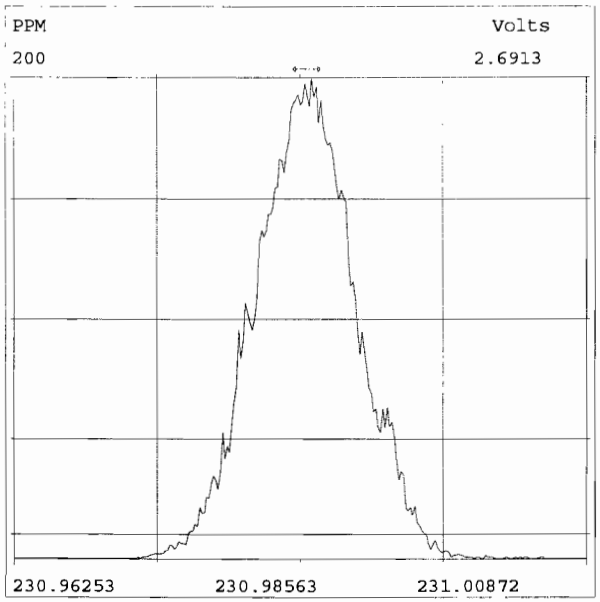
Experiment:PCB_ZB1 Function:1 Reference:PFK

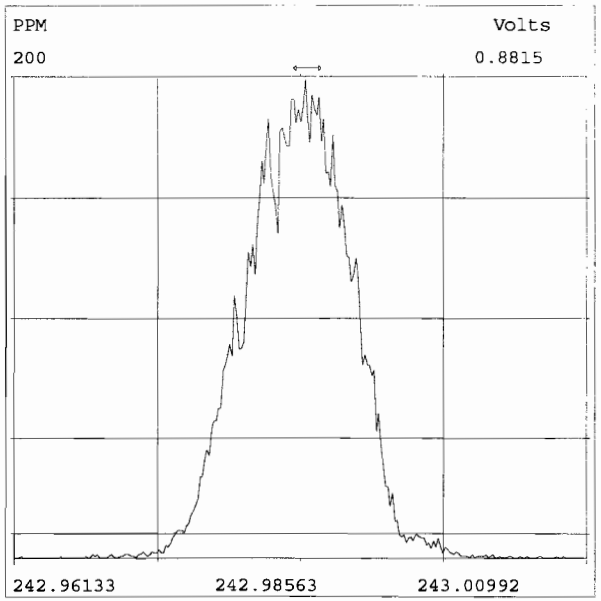


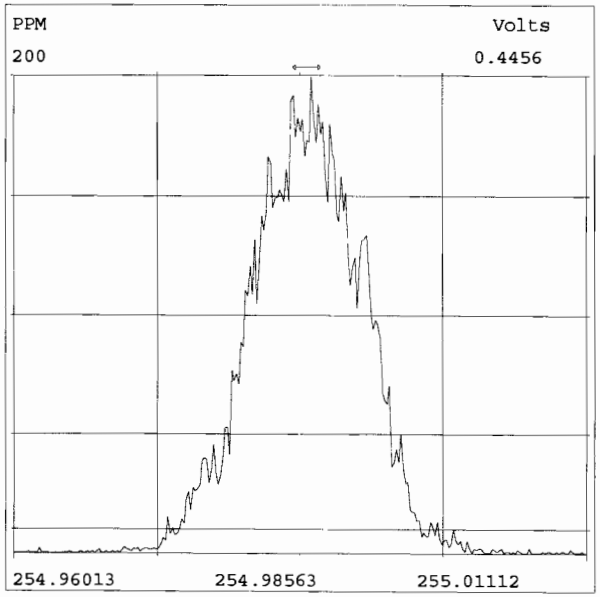
Peak Locate Examination:15-MAR-2018:23:45 File:RES_CHECK

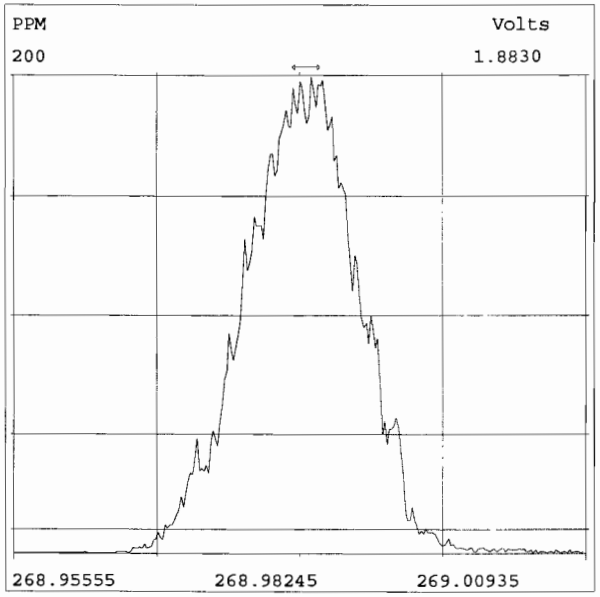
Experiment:PCB_ZB1 Function:2 Reference:PFK

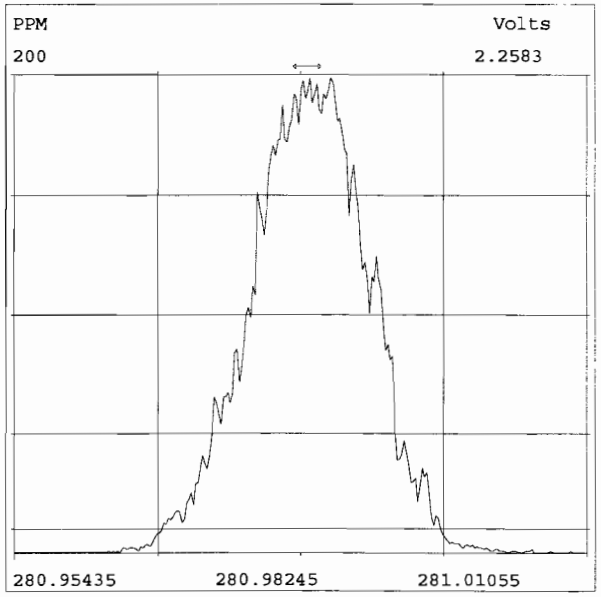






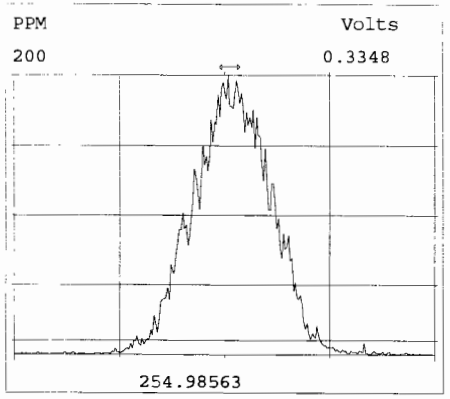


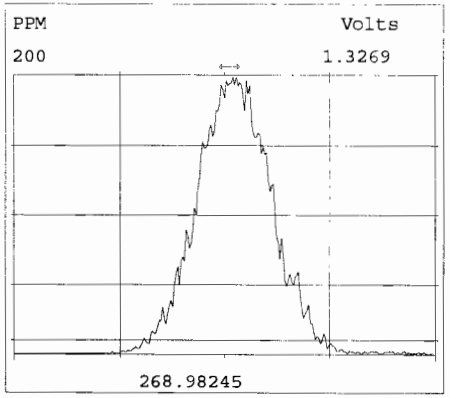


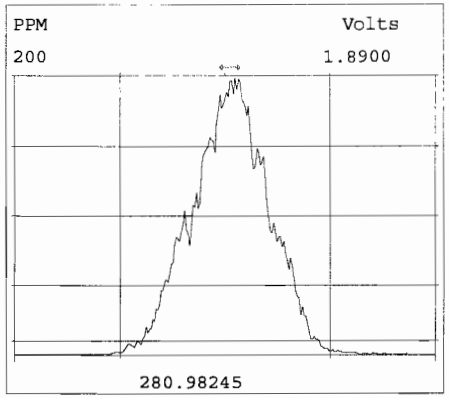


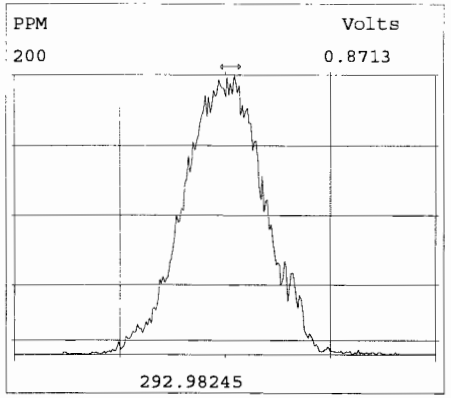
Peak Locate Examination:15-MAR-2018:23:46 File:RES_CHECK

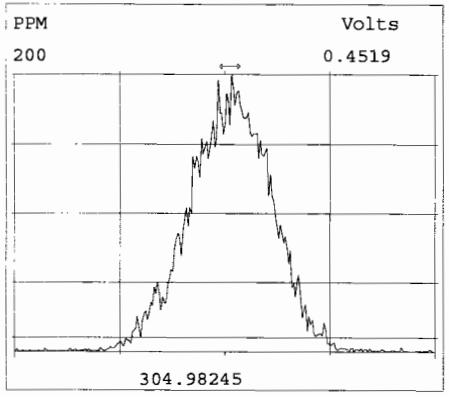
Experiment:PCB_ZB1 Function:3 Reference:PFK

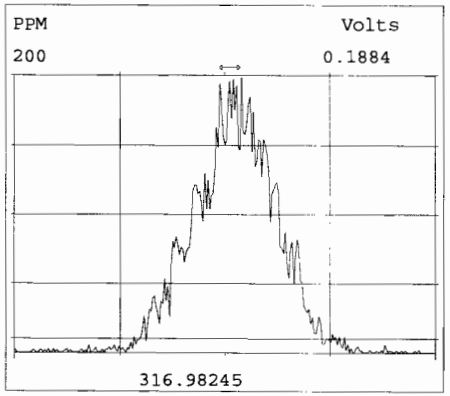


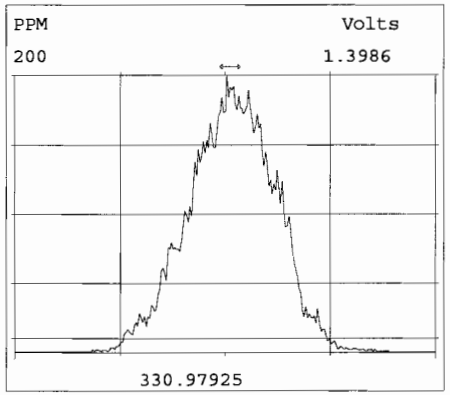


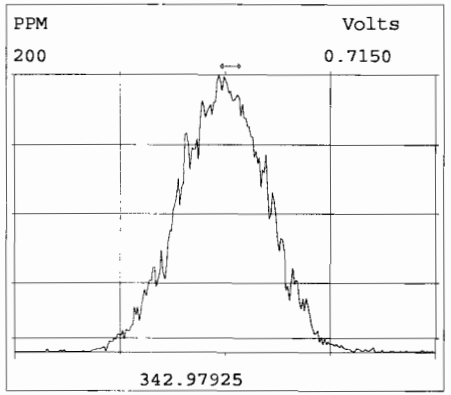


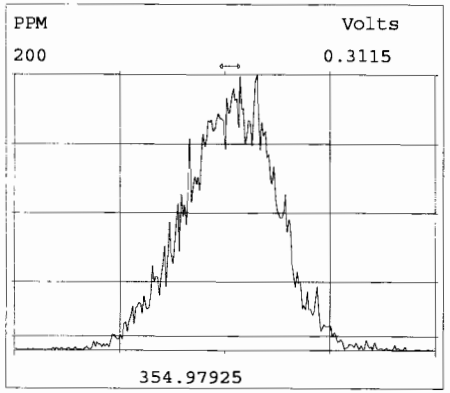


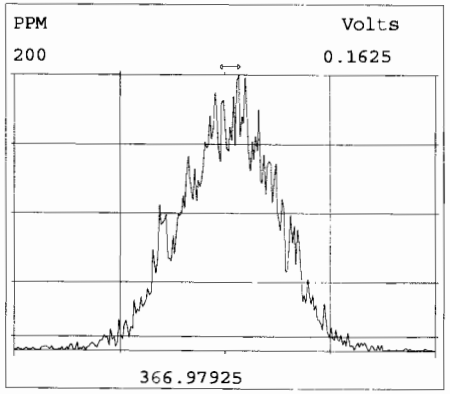


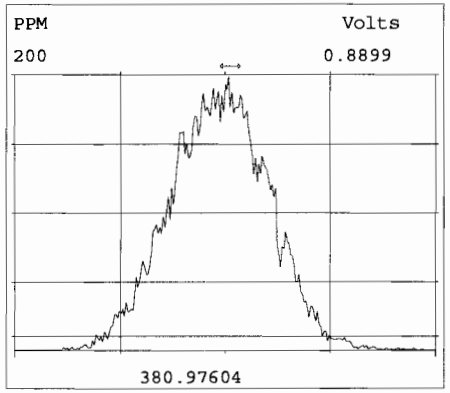






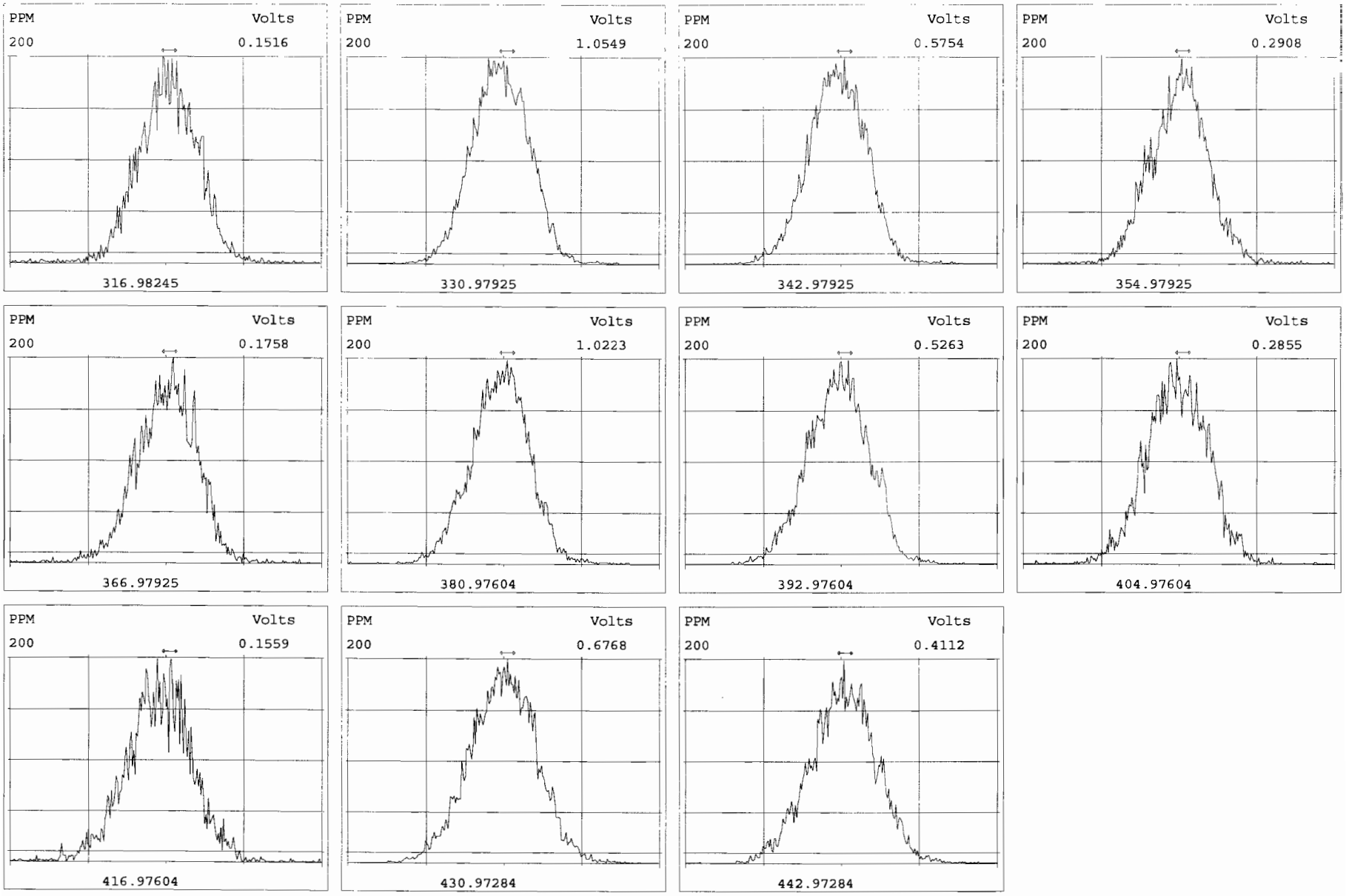






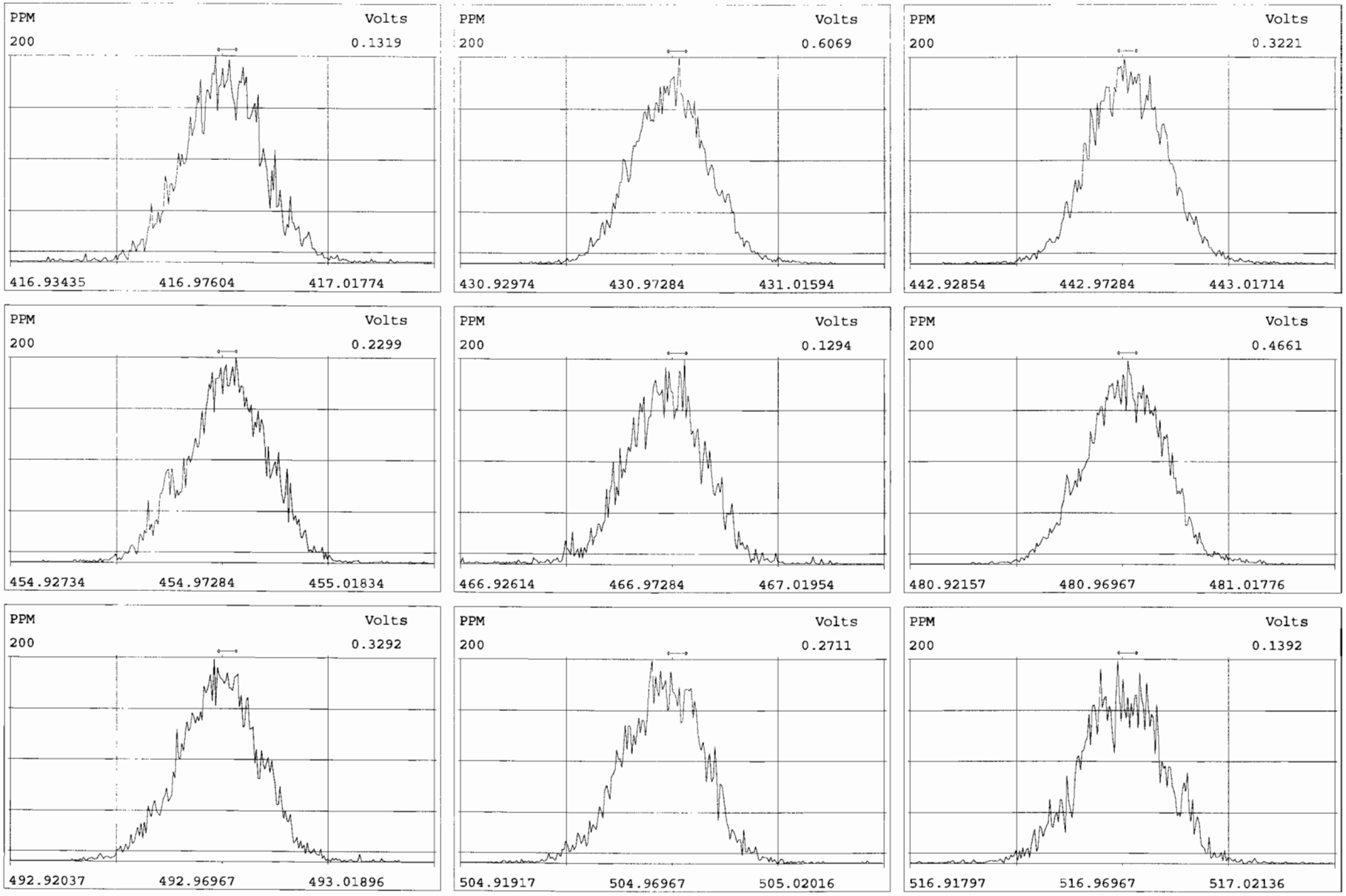
Peak Locate Examination:15-MAR-2018:23:47 File:RES_CHECK

Experiment:PCB_ZB1 Function:4 Reference:PFK



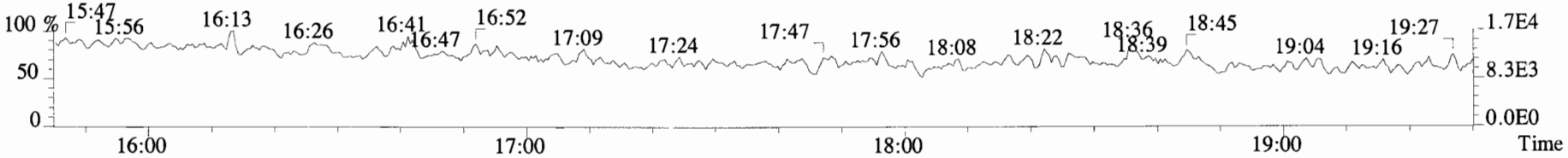
Peak Locate Examination:15-MAR-2018:23:47 File:RES_CHECK

Experiment:PCB_ZB1 Function:5 Reference:PFK

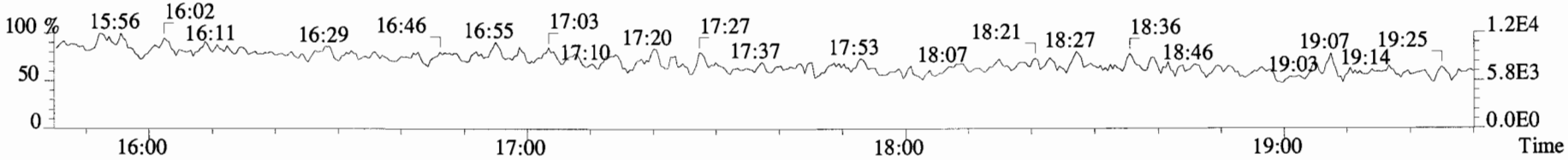


Solvent Blanks

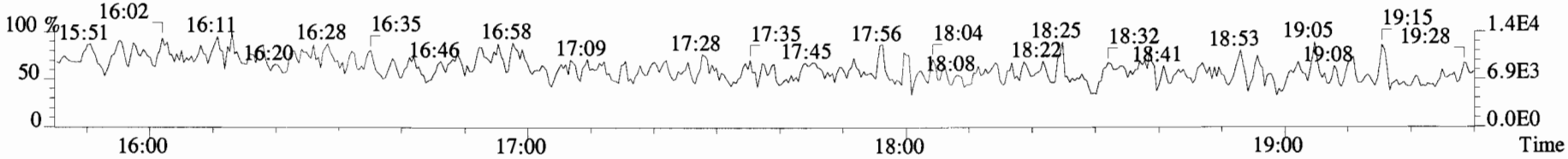
File:180314E1 #1-867 Acq:14-MAR-2018 18:15:13 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
188.0393 S:7 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15588.0,0.00%,F,F)



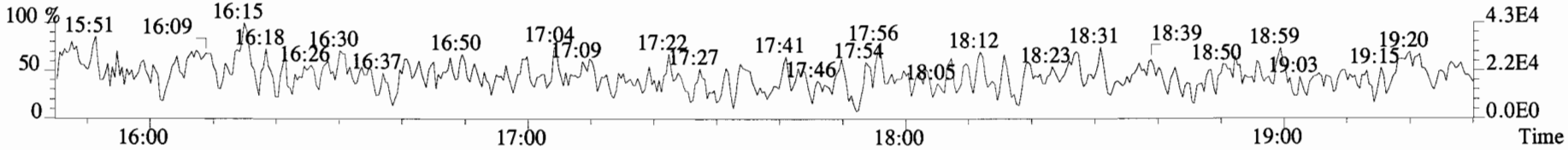
190.0363 S:7 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10476.0,0.00%,F,F)



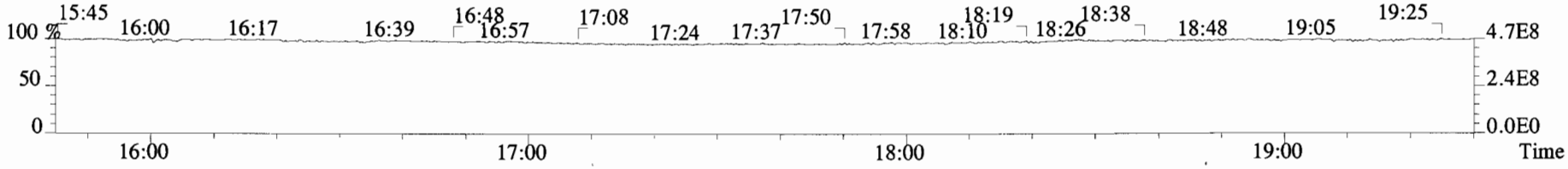
200.0795 S:7 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11084.0,0.00%,F,F)



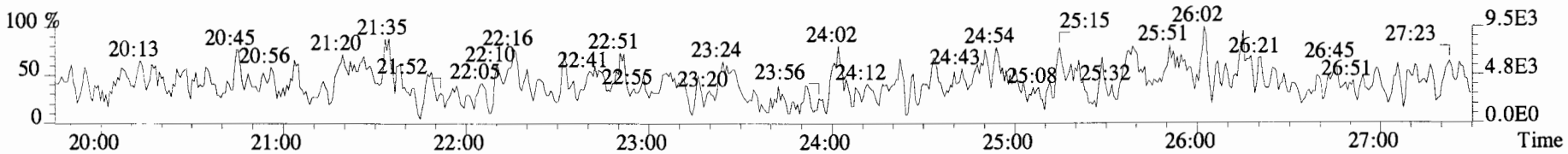
202.0766 S:7 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25160.0,0.00%,F,F)



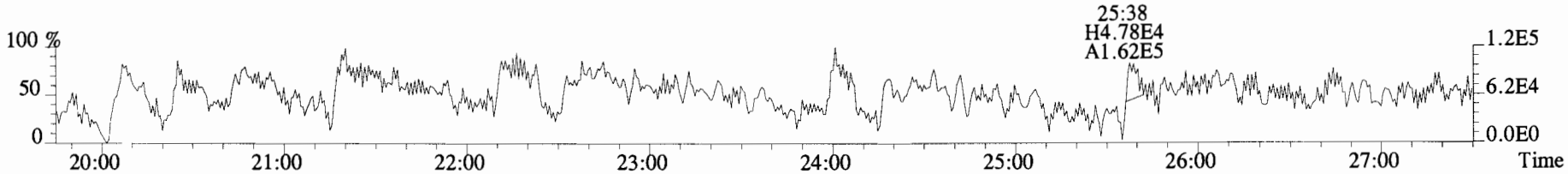
180.9880 S:7



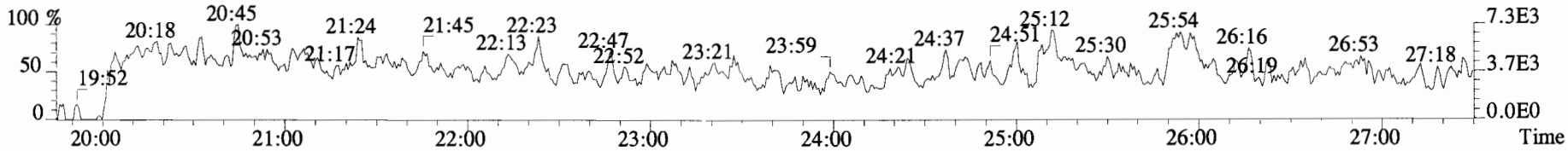
File:180314E1 #1-757 Acq:14-MAR-2018 18:15:13 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
222.0003 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5152.0,0.00%,F,F)



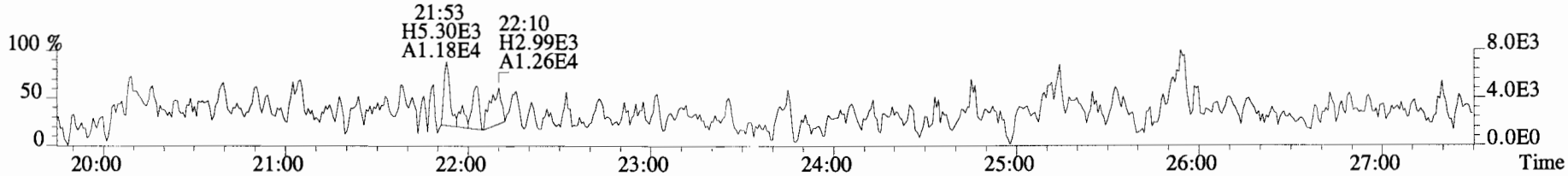
223.9974 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,84448.0,0.00%,F,F)



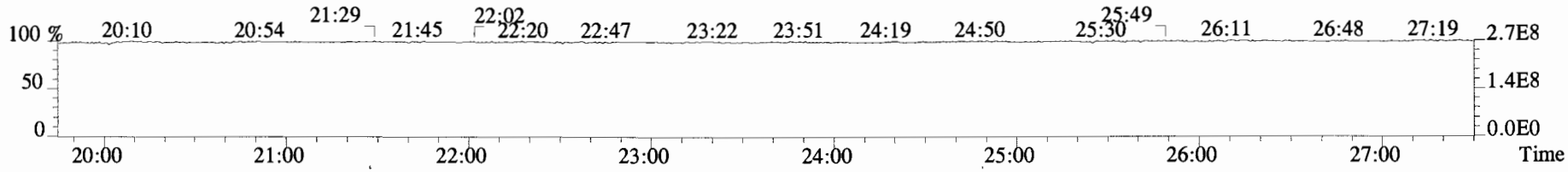
234.0406 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4932.0,0.00%,F,F)



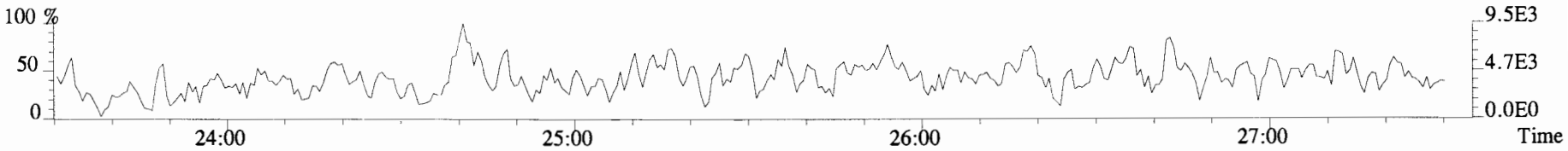
236.0376 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3588.0,0.00%,F,F)



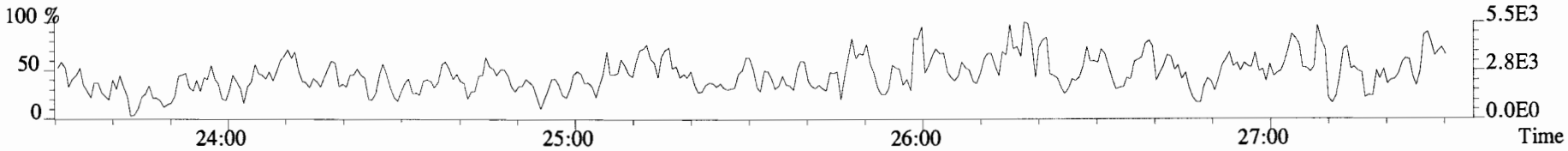
230.9856 S:7 F:2



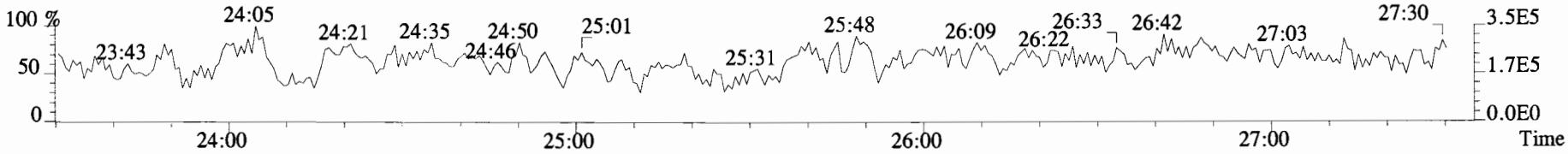
File:180314E1 #1-757 Acq:14-MAR-2018 18:15:13 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5340.0,0.00%,F,F)



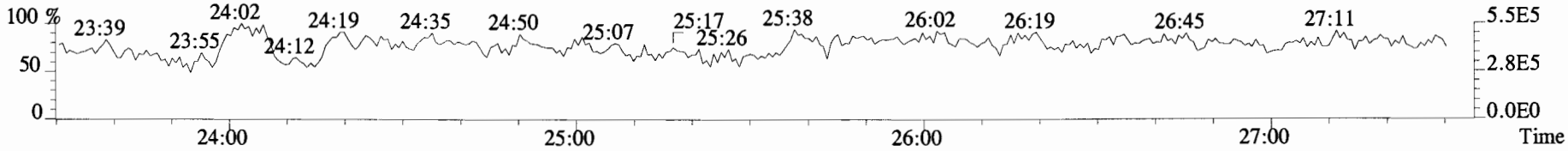
257.9584 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3256.0,0.00%,F,F)



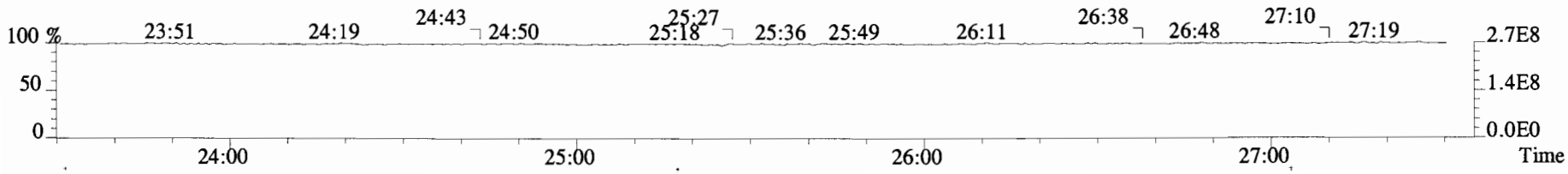
268.0016 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,302448.0,0.00%,F,F)



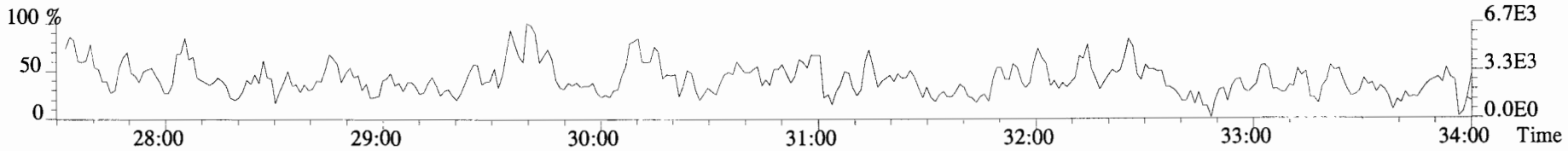
269.9986 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,571828.0,0.00%,F,F)



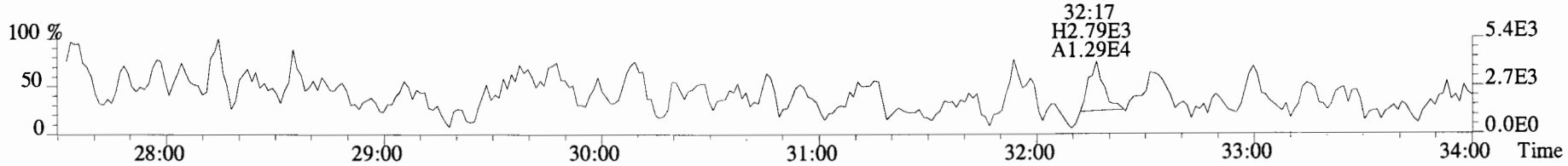
230.9856 S:7 F:2



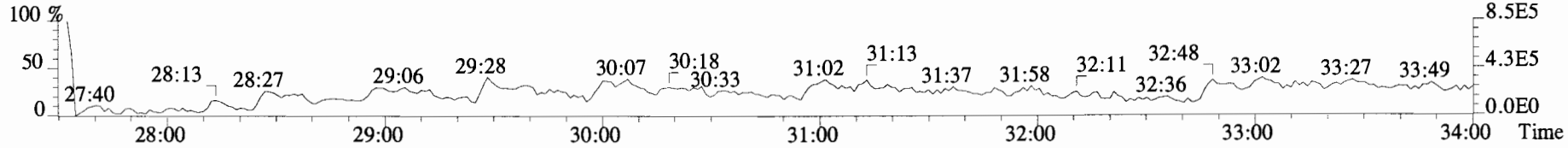
File:180314E1 #1-756 Acq:14-MAR-2018 18:15:13 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3400.0,0.00%,F,F)



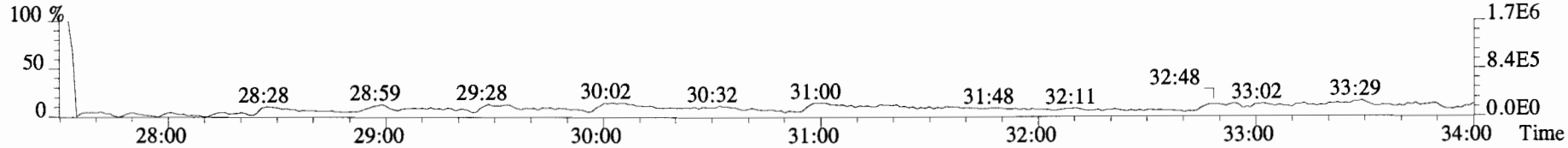
257.9584 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2608.0,0.00%,F,F)



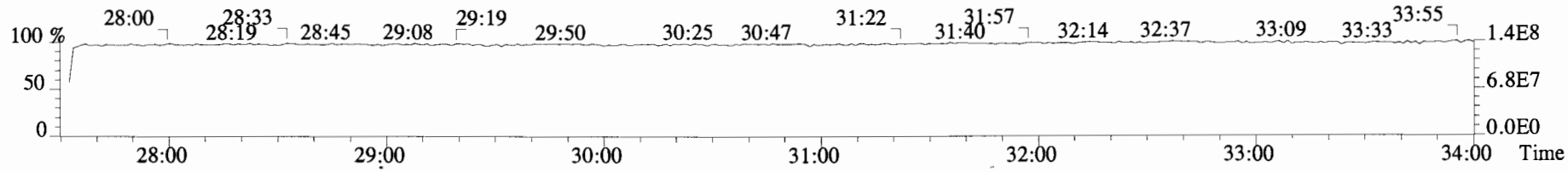
268.0016 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,264732.0,0.00%,F,F)



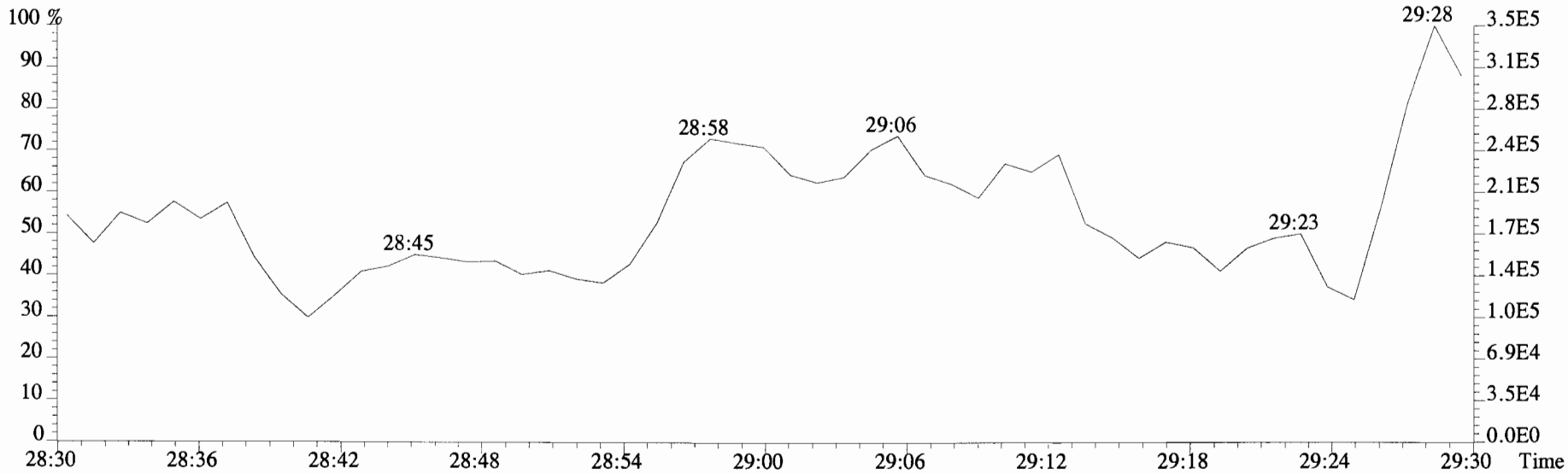
269.9986 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,182284.0,0.00%,F,F)



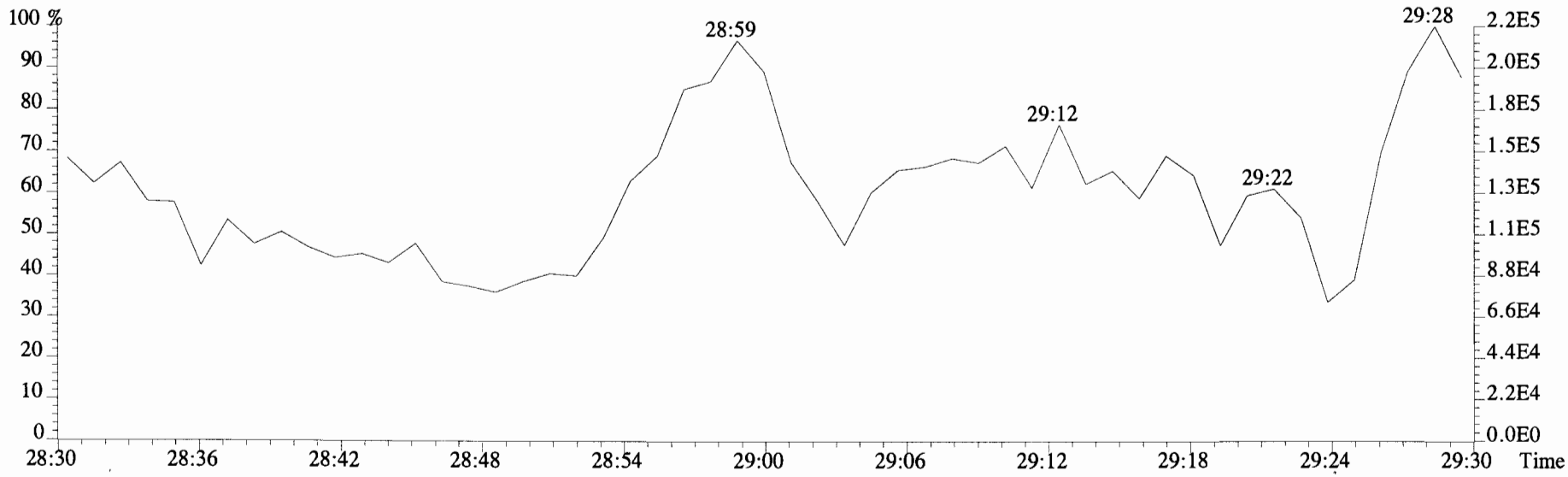
330.9792 S:7 F:3



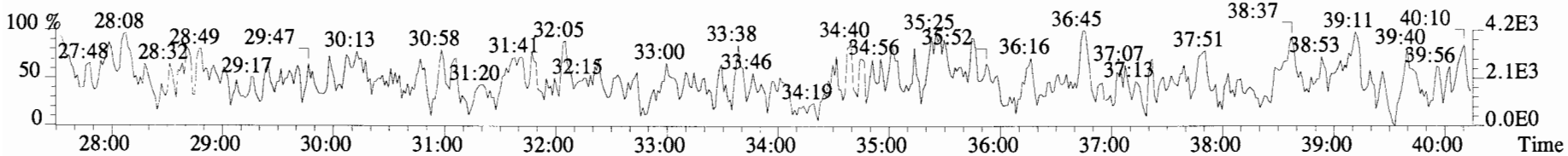
File:180314E1 #1-756 Acq:14-MAR-2018 18:15:13 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
268.0016 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,264732.0,0.00%,F,F)



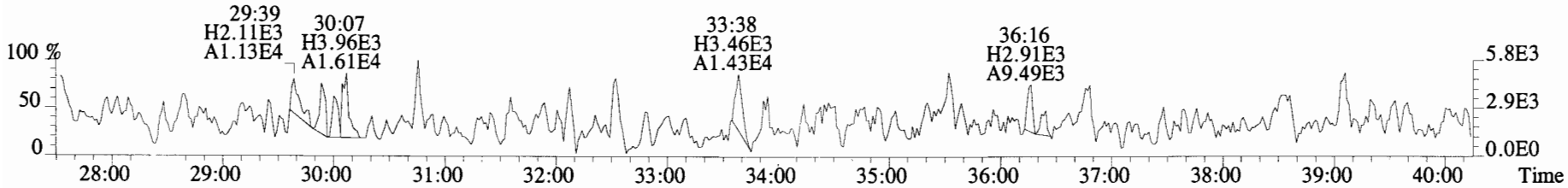
269.9986 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,182284.0,0.00%,F,F)



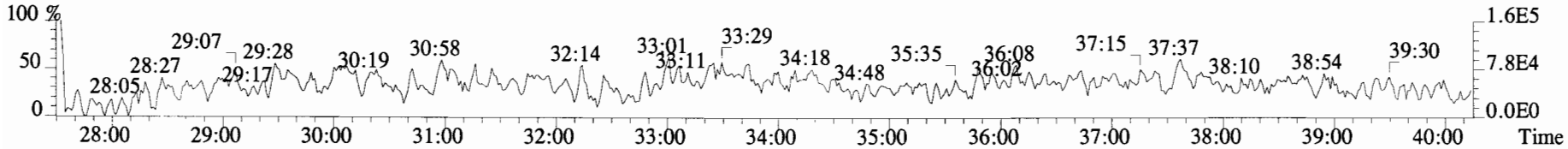
File:180314E1 #1-756 Acq:14-MAR-2018 18:15:13 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2552.0,0.00%,F,F)



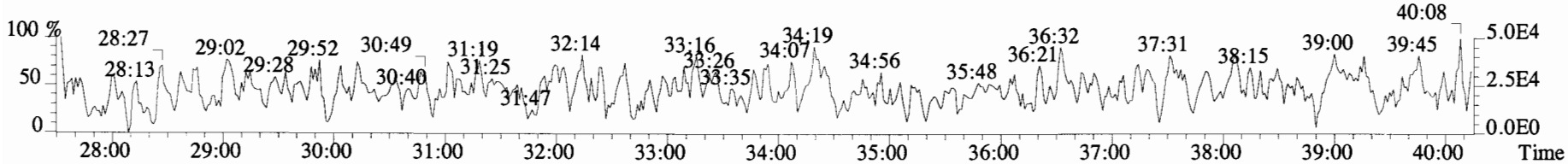
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2568.0,0.00%,F,F)



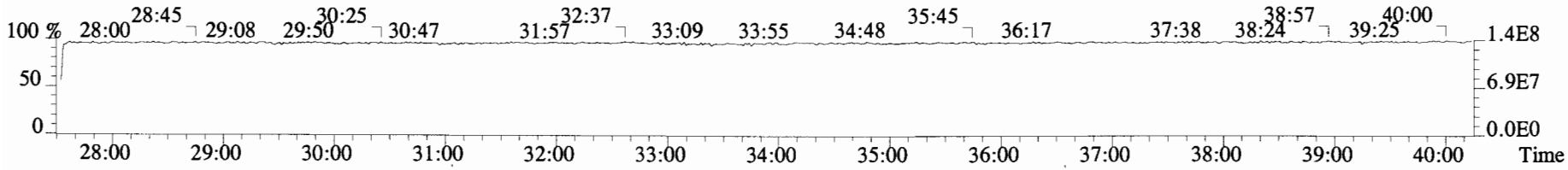
301.9626 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,68704.0,0.00%,F,F)



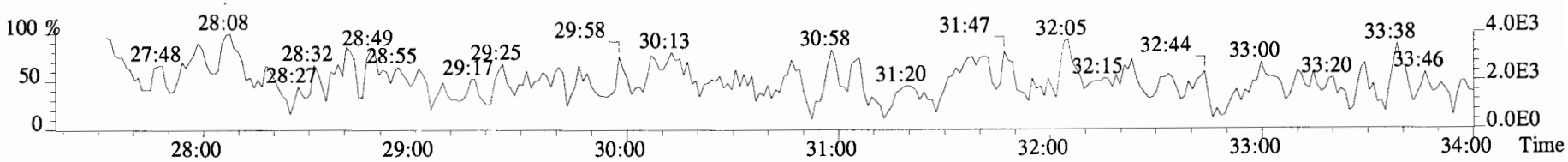
303.9597 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29608.0,0.00%,F,F)



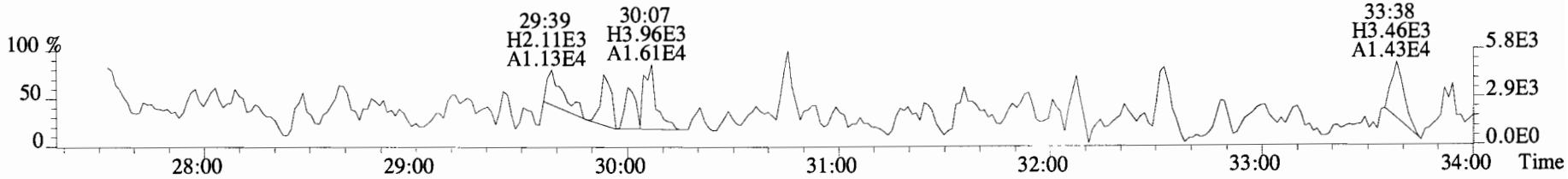
330.9792 S:7 F:3



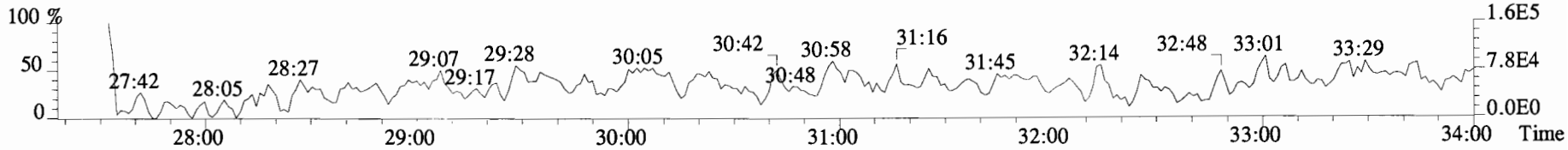
File:180314E1 #1-756 Acq:14-MAR-2018 18:15:13 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2552.0,0.00%,F,F)



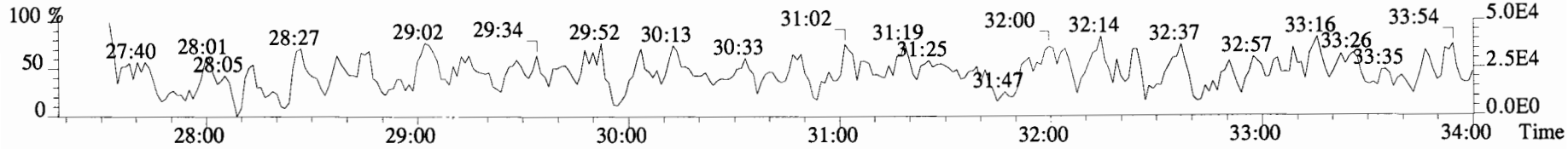
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2568.0,0.00%,F,F)



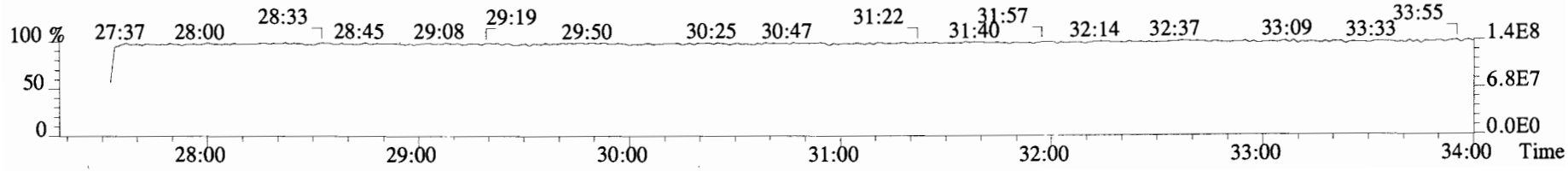
301.9626 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,68704.0,0.00%,F,F)



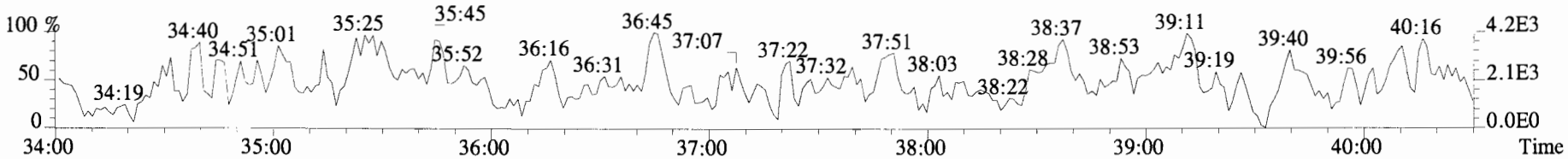
303.9597 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29608.0,0.00%,F,F)



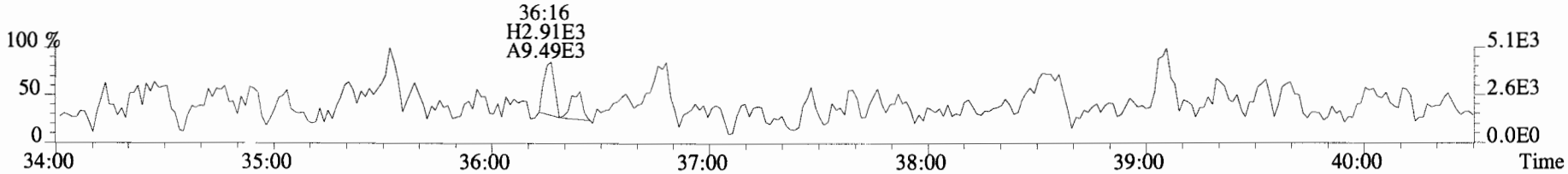
330.9792 S:7 F:3



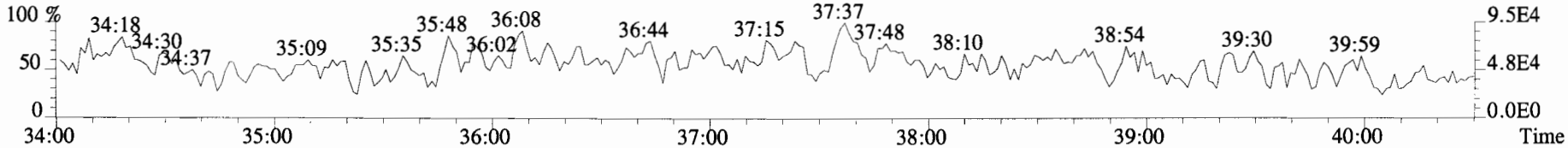
File:180314E1 #1-756 Acq:14-MAR-2018 18:15:13 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2552.0,0.00%,F,F)



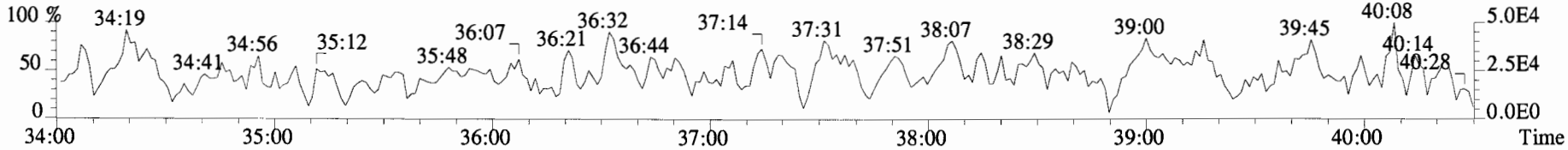
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2568.0,0.00%,F,F)



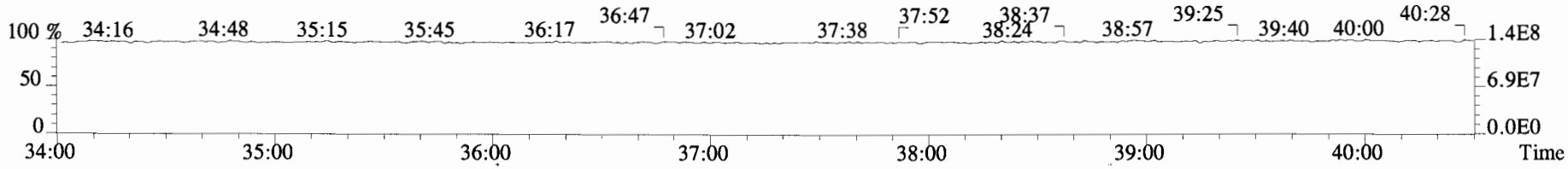
301.9626 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,68704.0,0.00%,F,F)



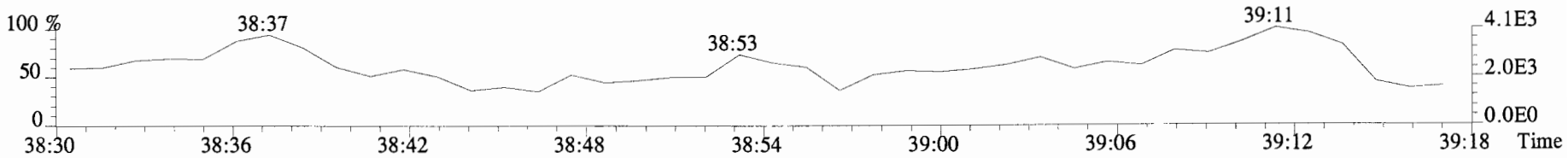
303.9597 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29608.0,0.00%,F,F)



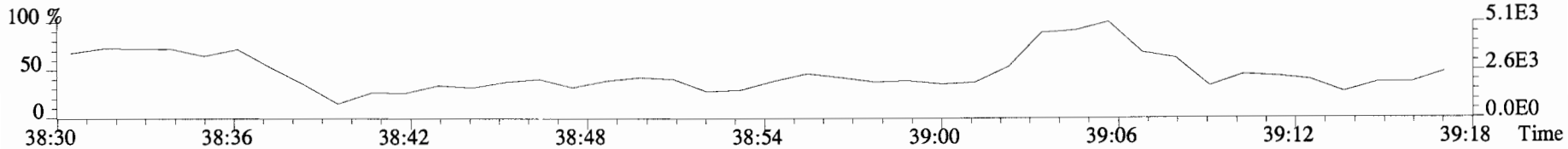
330.9792 S:7 F:3



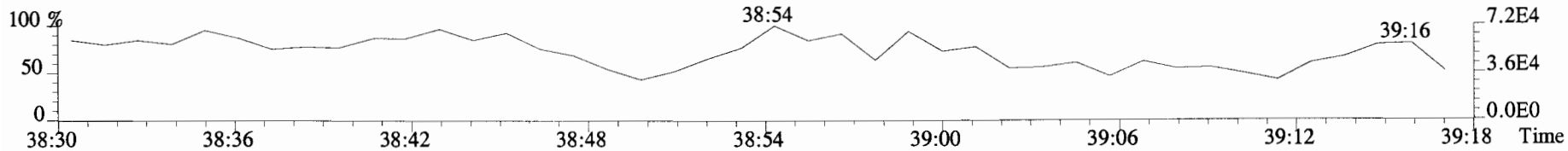
File:180314E1 #1-756 Acq:14-MAR-2018 18:15:13 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2552.0,0.00%,F,F)



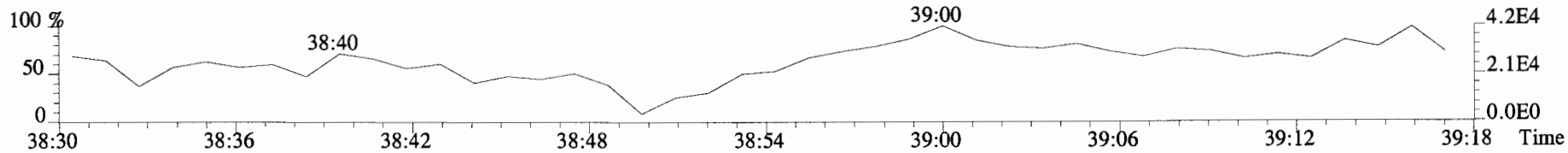
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2568.0,0.00%,F,F)



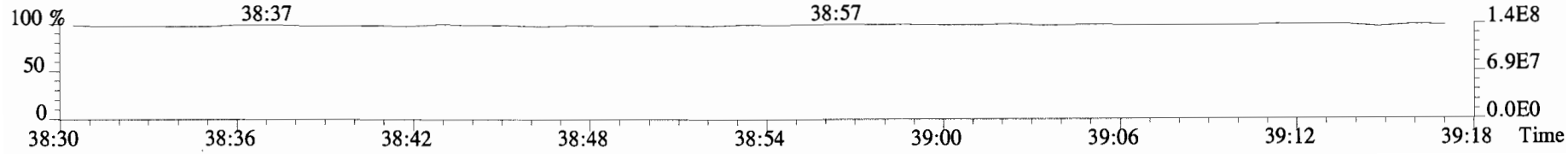
301.9626 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,68704.0,0.00%,F,F)



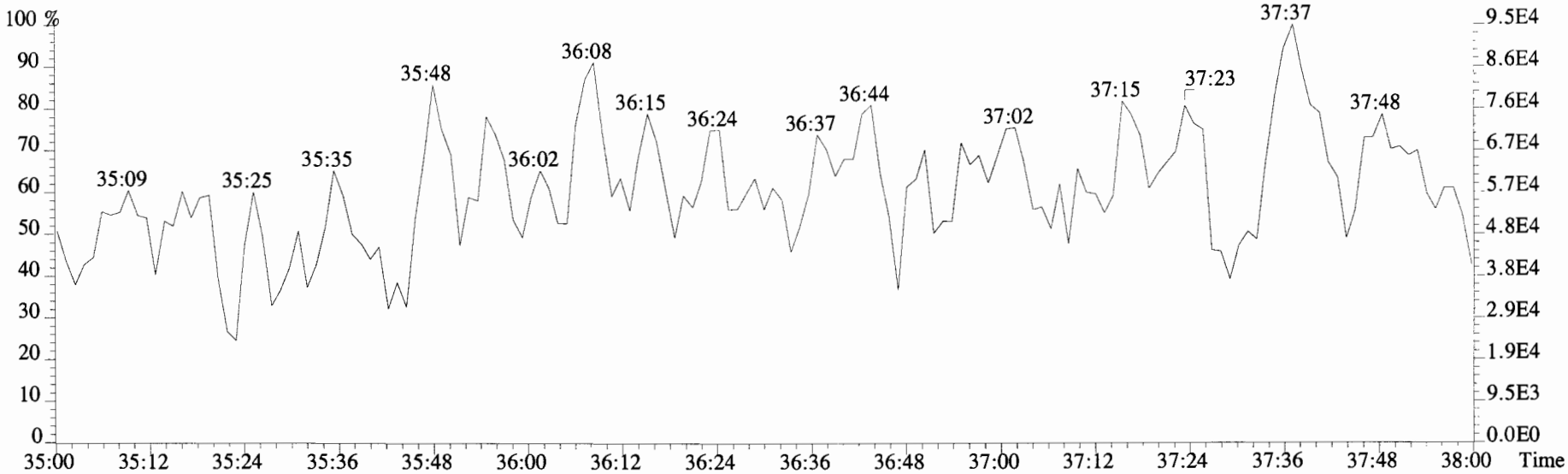
303.9597 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29608.0,0.00%,F,F)



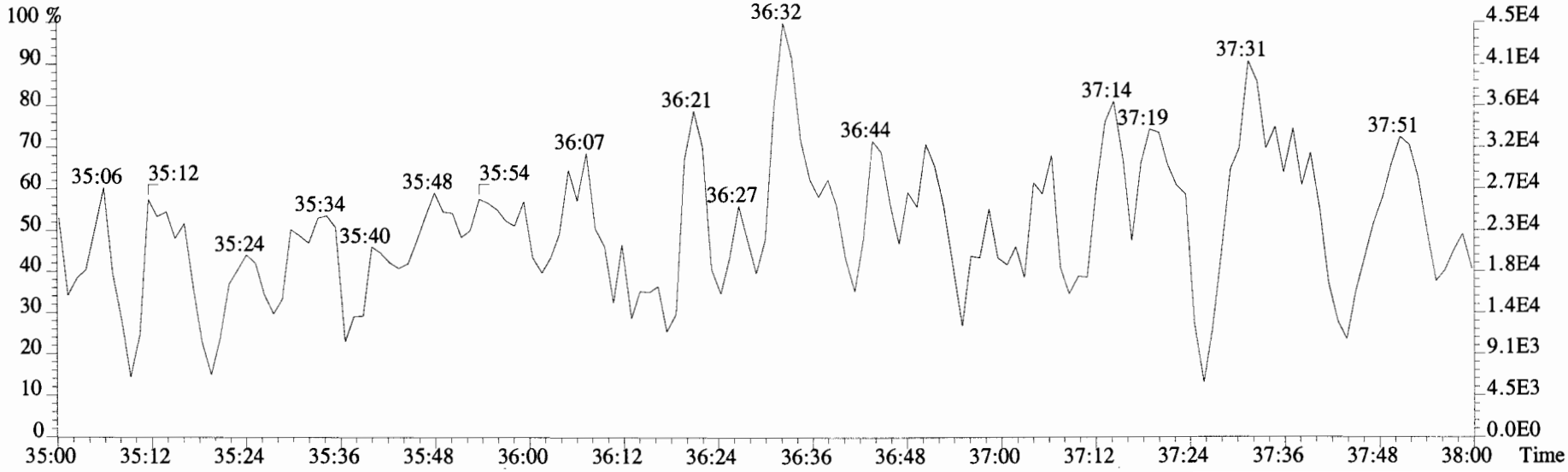
330.9792 S:7 F:3



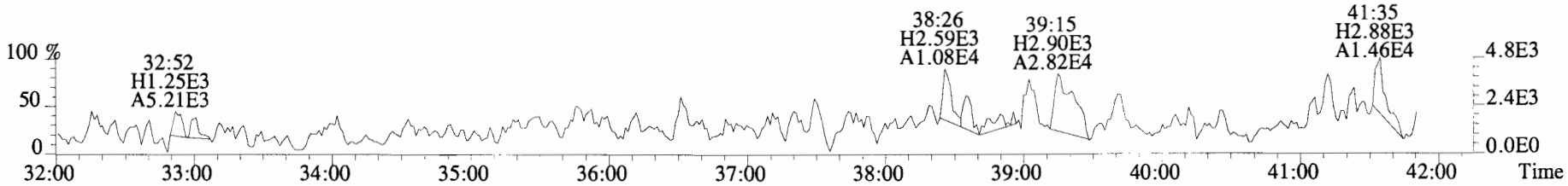
File:180314E1 #1-756 Acq:14-MAR-2018 18:15:13 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
301.9626 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,68704.0,0.00%,F,F)



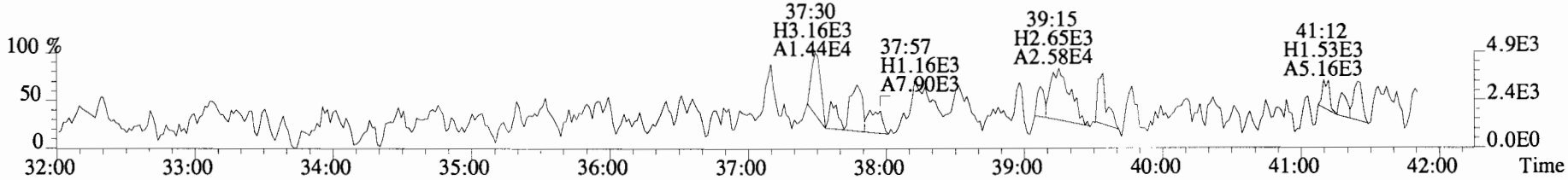
303.9597 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29608.0,0.00%,F,F)



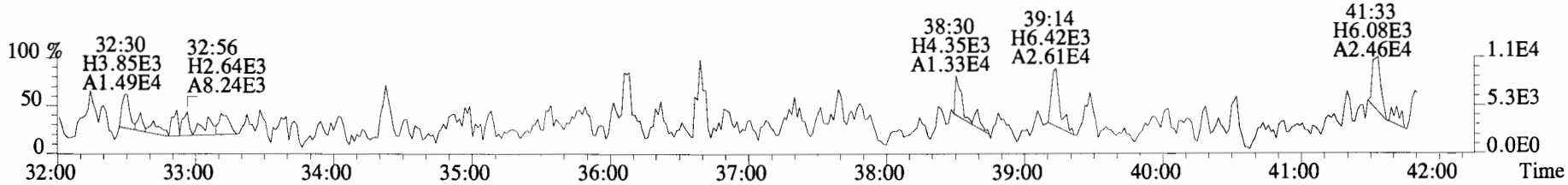
File:180314E1 #1-756 Acq:14-MAR-2018 18:15:13 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1772.0,0.00%,F,F)



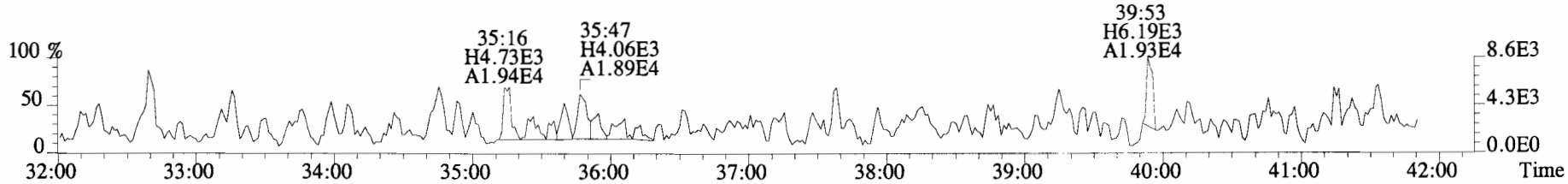
327.8775 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2196.0,0.00%,F,F)



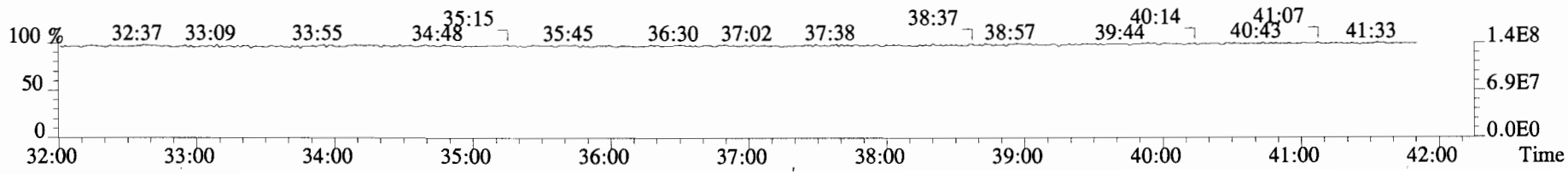
337.9207 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4204.0,0.00%,F,F)



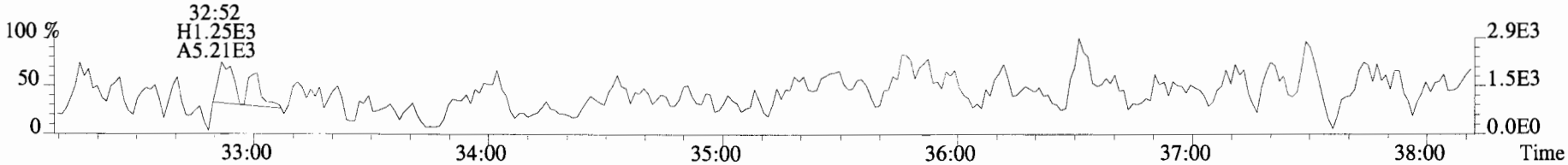
339.9177 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3120.0,0.00%,F,F)



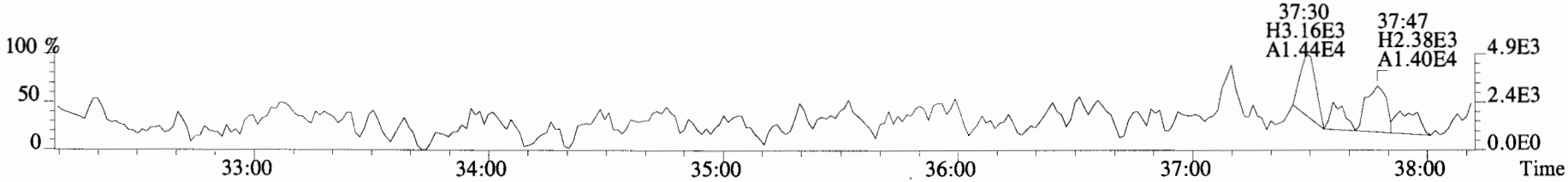
330.9792 S:7 F:3



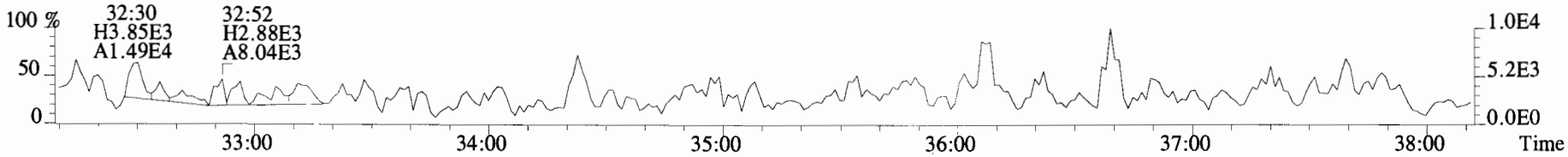
File:180314E1 #1-756 Acq:14-MAR-2018 18:15:13 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1772.0,0.00%,F,F)



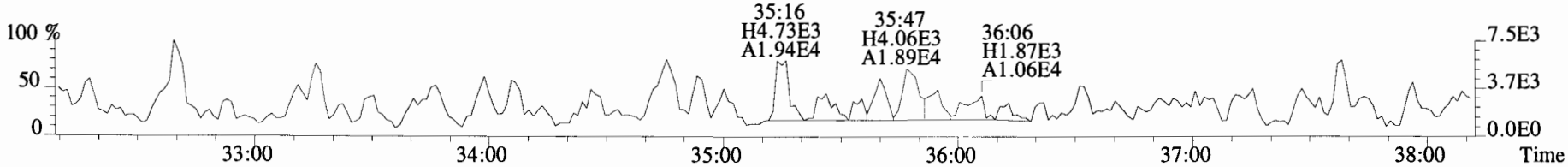
327.8775 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2196.0,0.00%,F,F)



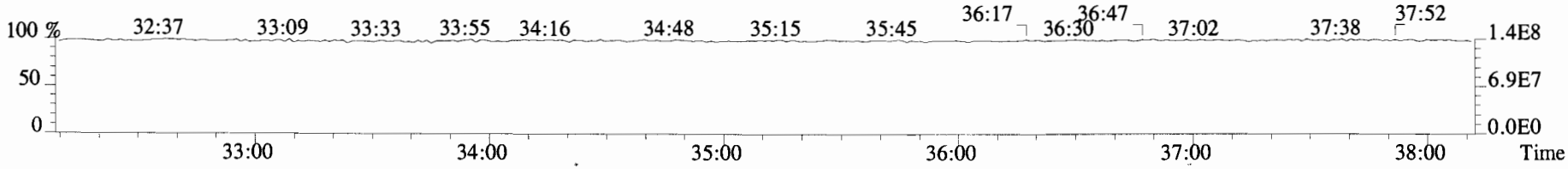
337.9207 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4204.0,0.00%,F,F)



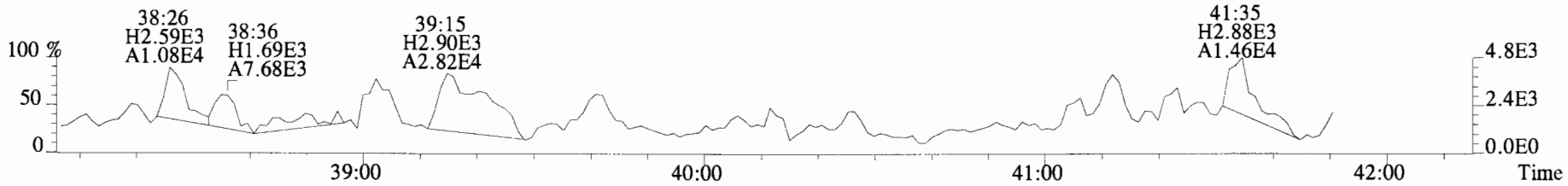
339.9177 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3120.0,0.00%,F,F)



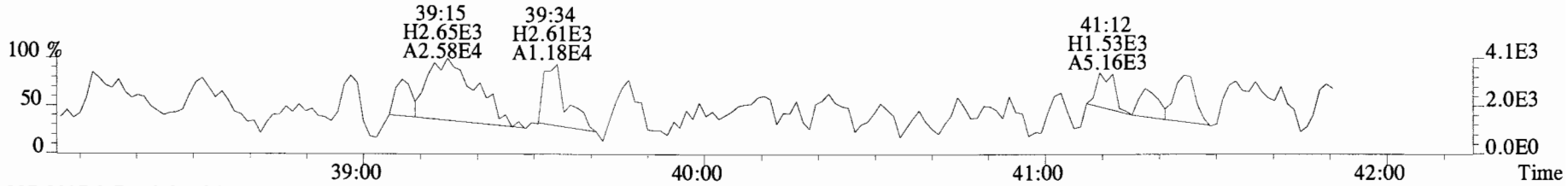
330.9792 S:7 F:3



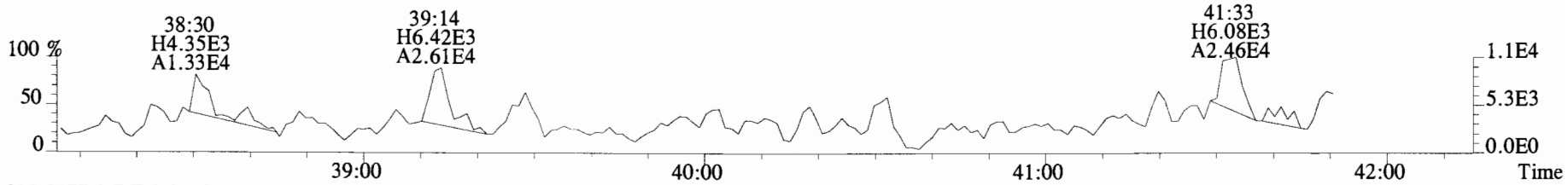
File:180314E1 #1-756 Acq:14-MAR-2018 18:15:13 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1772.0,0.00%,F,F)



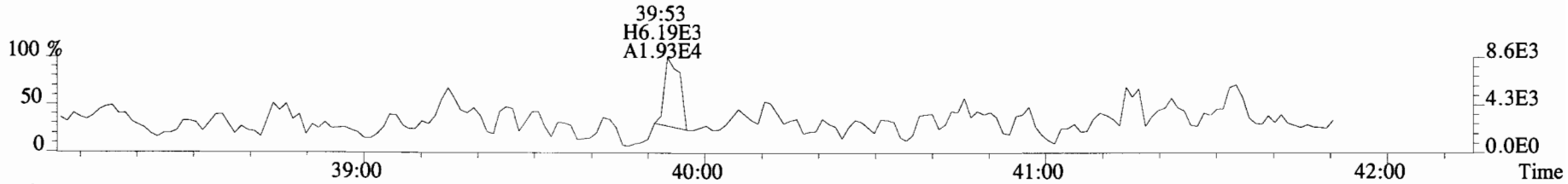
327.8775 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2196.0,0.00%,F,F)



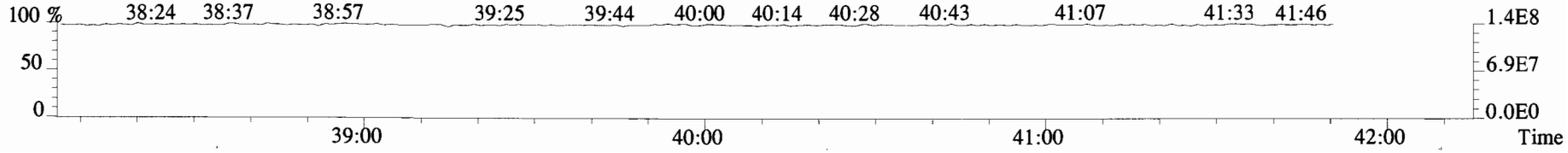
337.9207 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4204.0,0.00%,F,F)



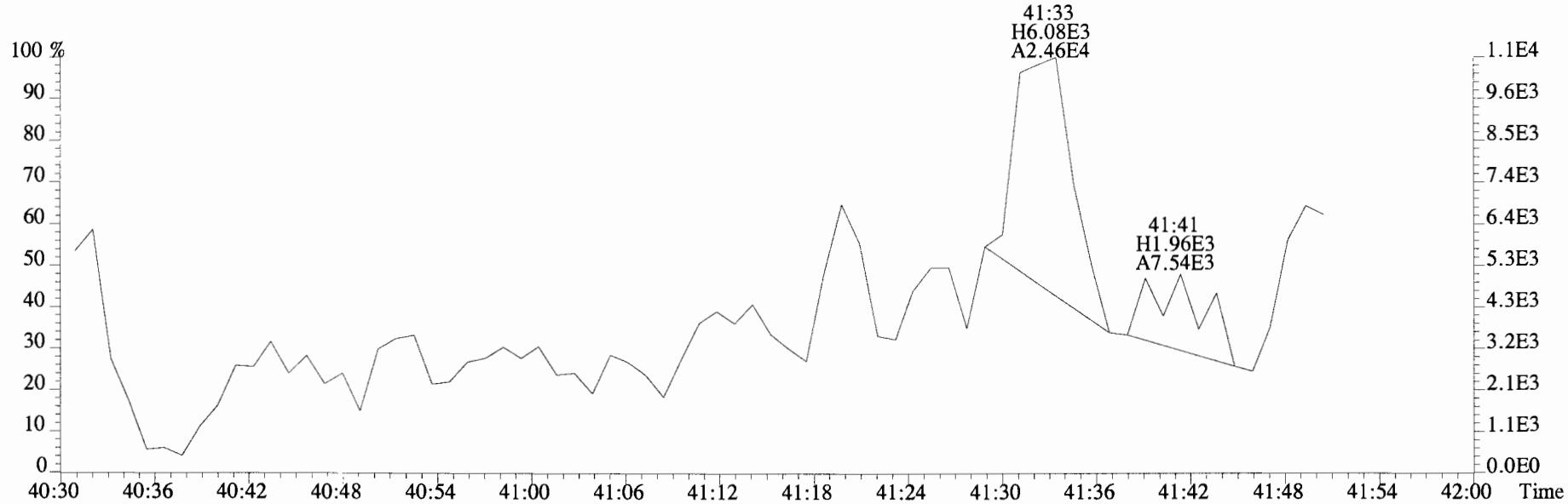
339.9177 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3120.0,0.00%,F,F)



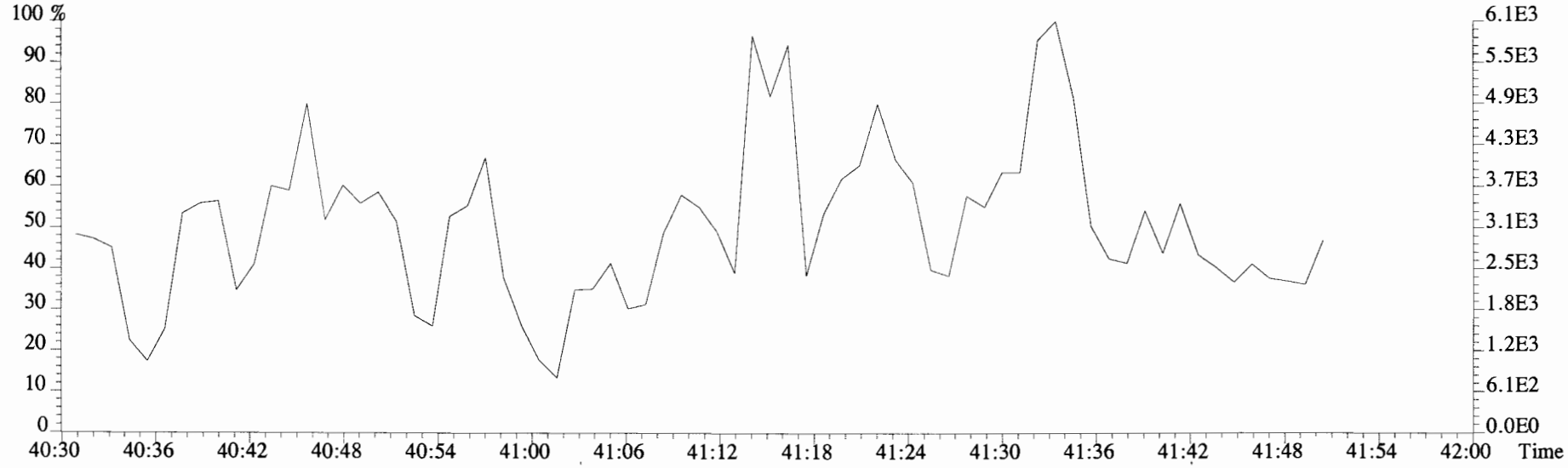
330.9792 S:7 F:3



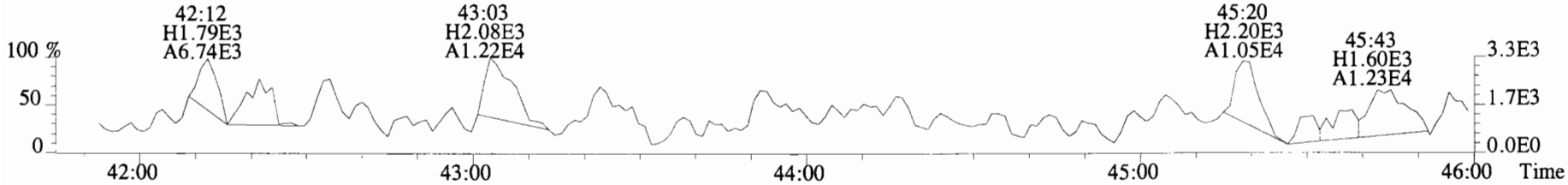
File:180314E1 #1-756 Acq:14-MAR-2018 18:15:13 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
337.9207 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4204.0,0.00%,F,F)



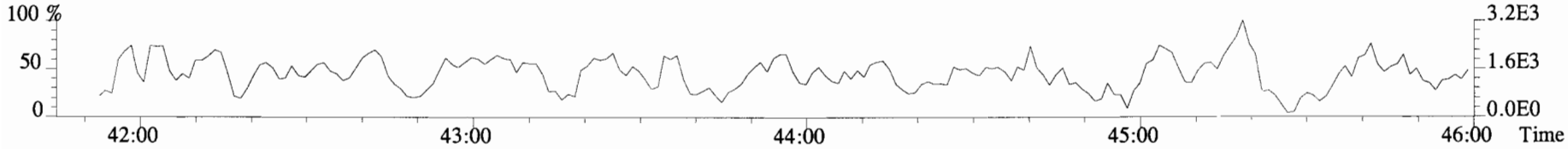
339.9177 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3120.0,0.00%,F,F)



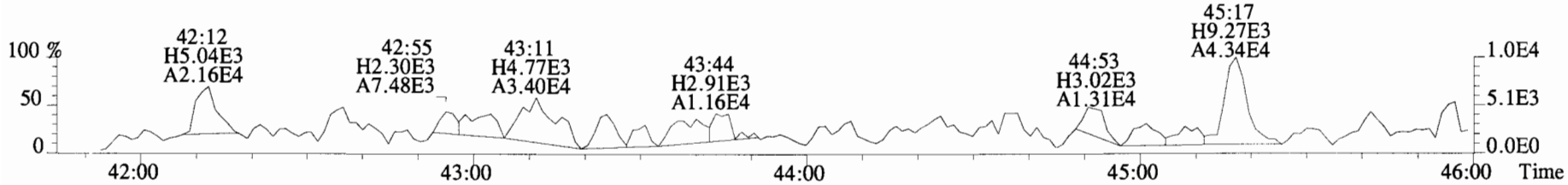
File:180314E1 #1-574 Acq:14-MAR-2018 18:15:13 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1640.0,0.00%,F,F)



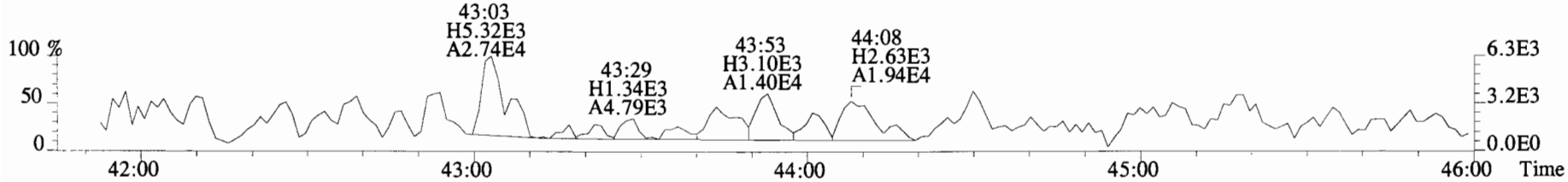
327.8775 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1972.0,0.00%,F,F)



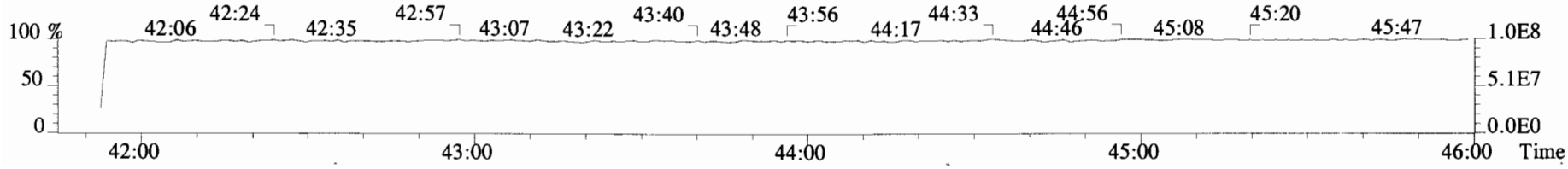
337.9207 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2952.0,0.00%,F,F)



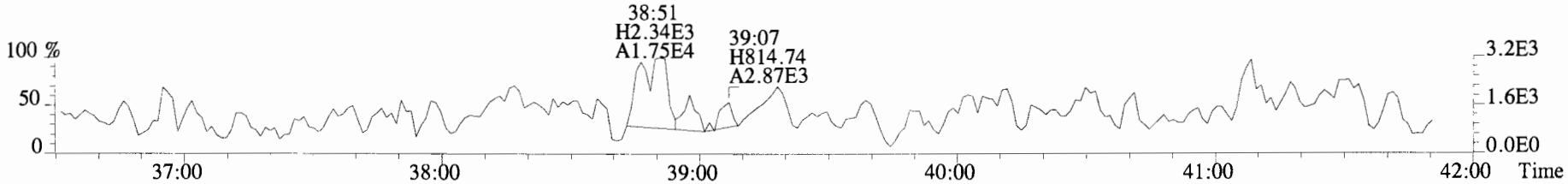
339.9177 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2508.0,0.00%,F,F)



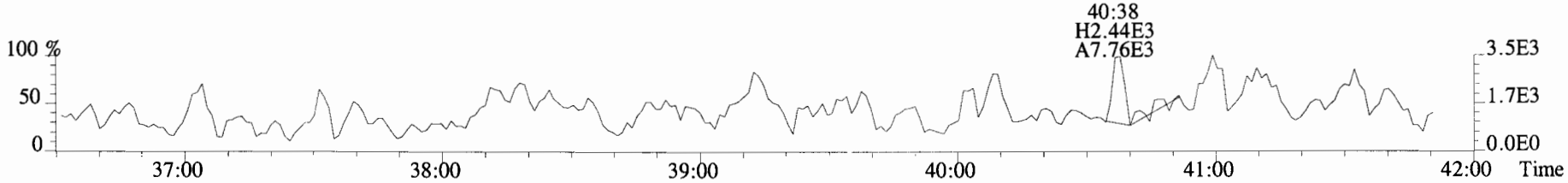
380.9760 S:7 F:4



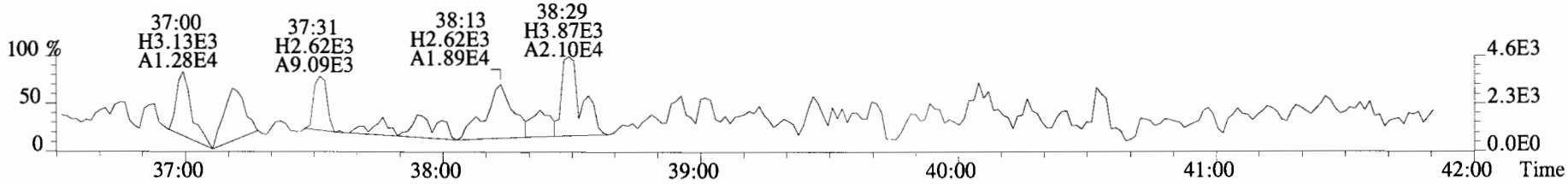
File:180314E1 #1-756 Acq:14-MAR-2018 18:15:13 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1608.0,0.00%,F,F)



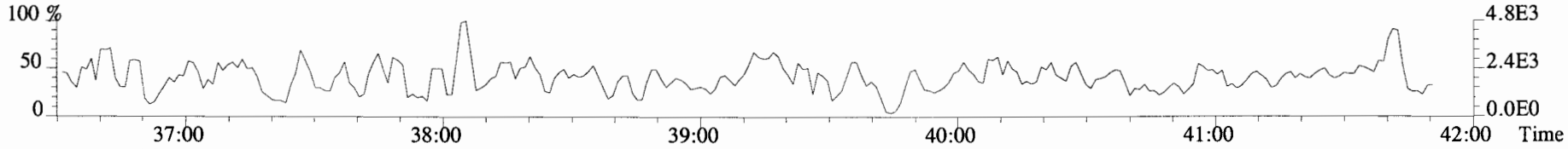
361.8385 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1672.0,0.00%,F,F)



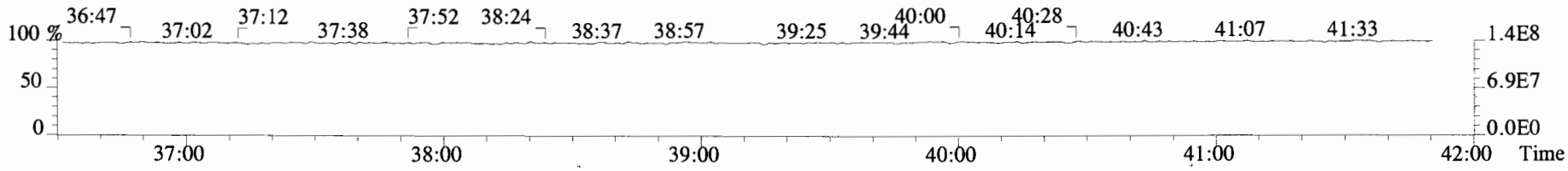
371.8817 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1948.0,0.00%,F,F)



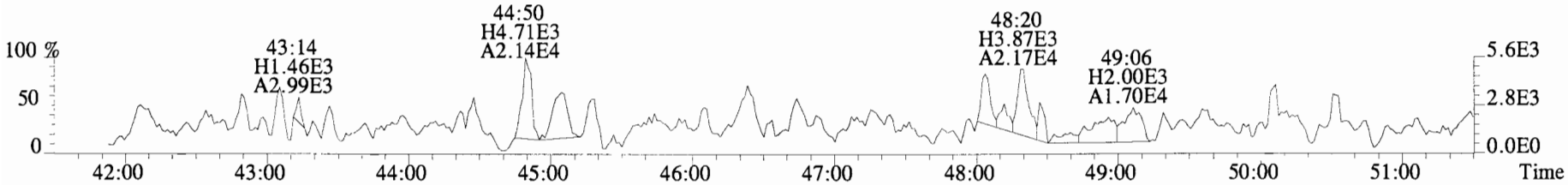
373.8788 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2416.0,0.00%,F,F)



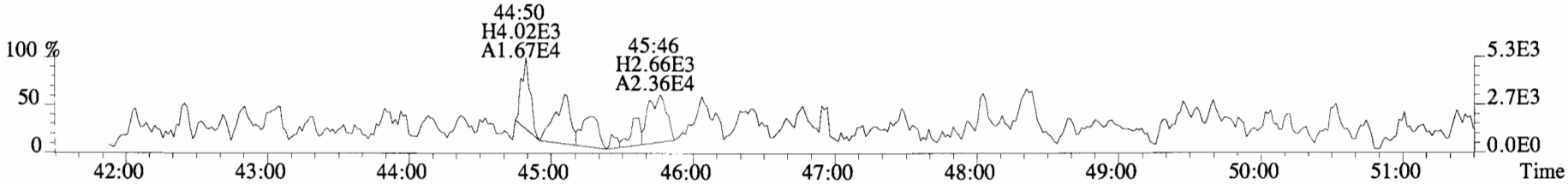
330.9792 S:7 F:3



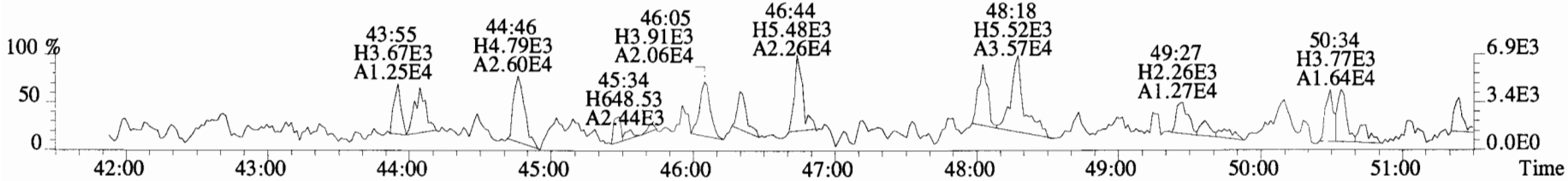
File:180314E1 #1-574 Acq:14-MAR-2018 18:15:13 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2120.0,0.00%,F,F)



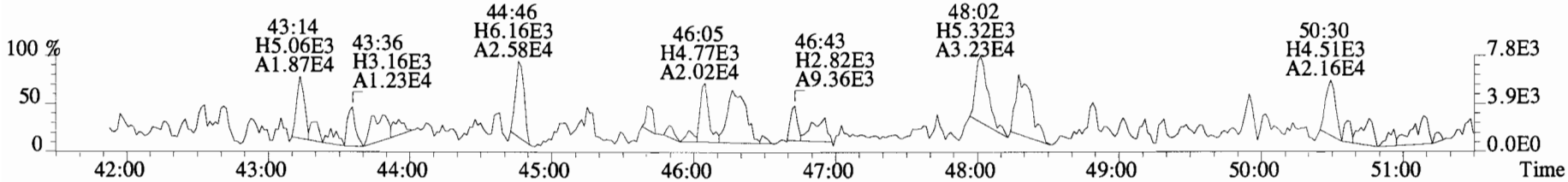
361.8385 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1876.0,0.00%,F,F)



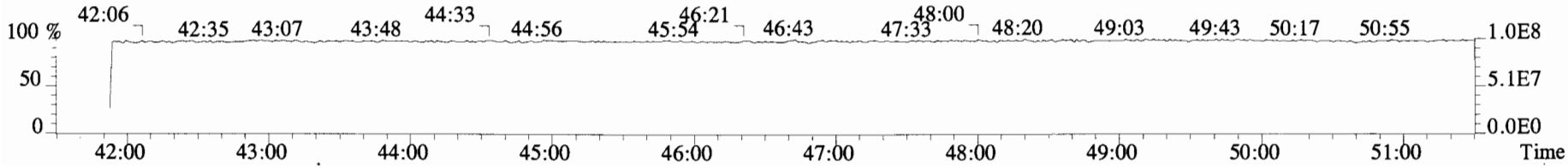
371.8817 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1804.0,0.00%,F,F)



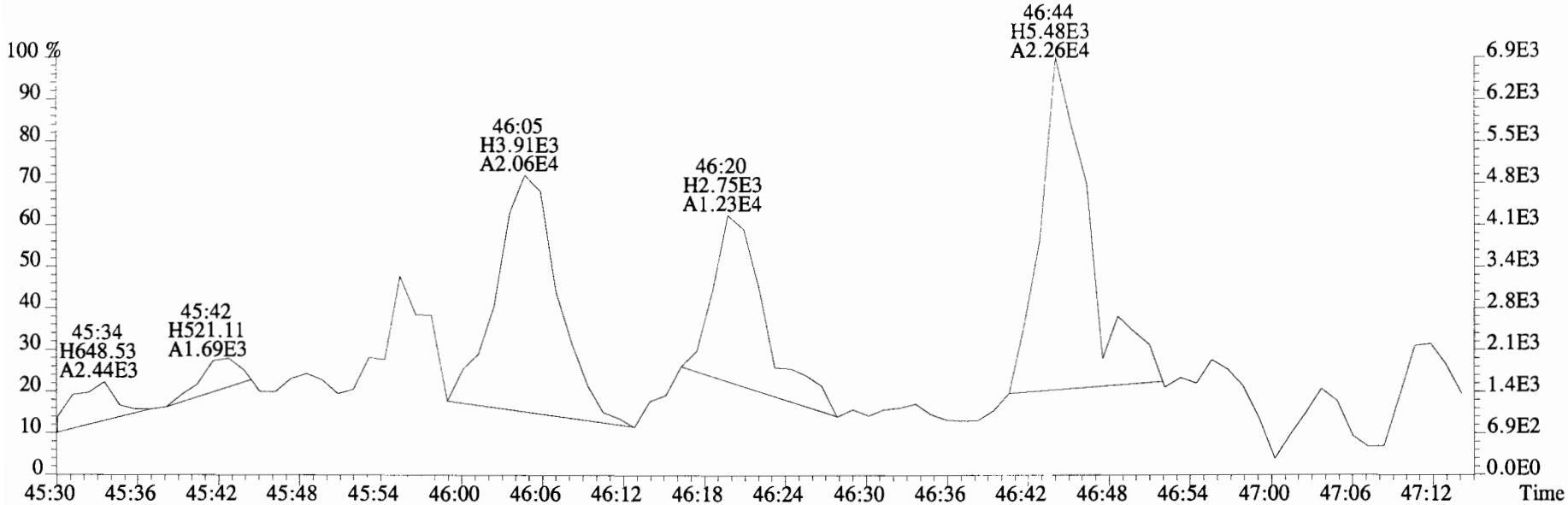
373.8788 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2184.0,0.00%,F,F)



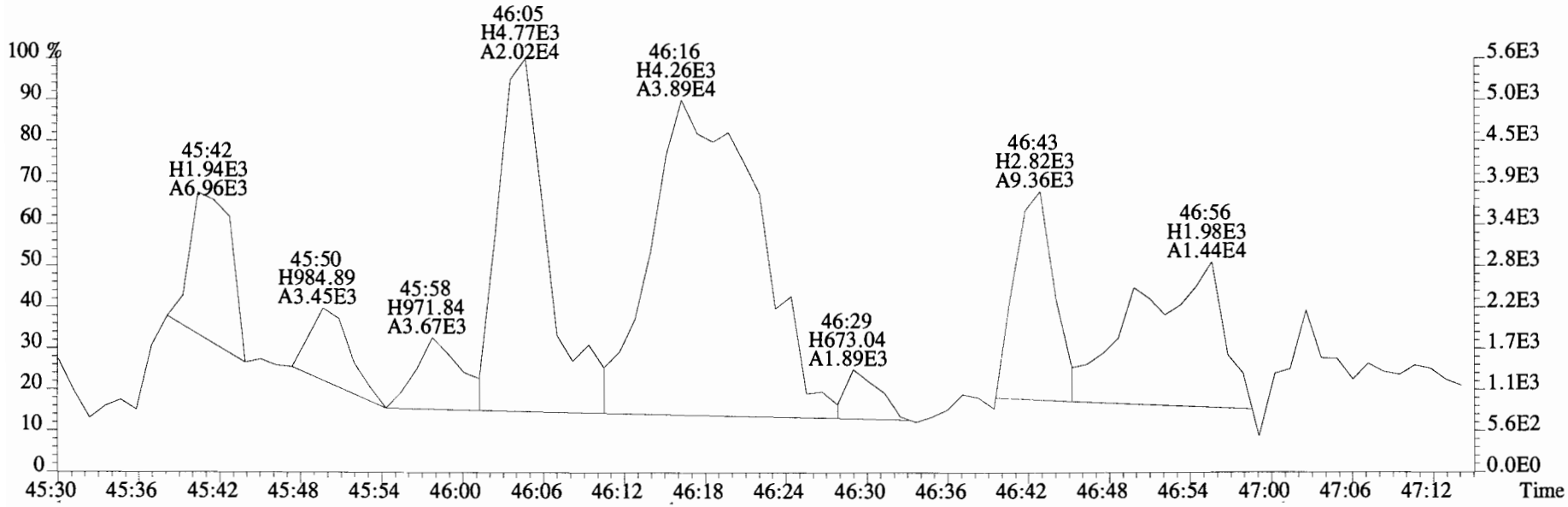
380.9760 S:7 F:4



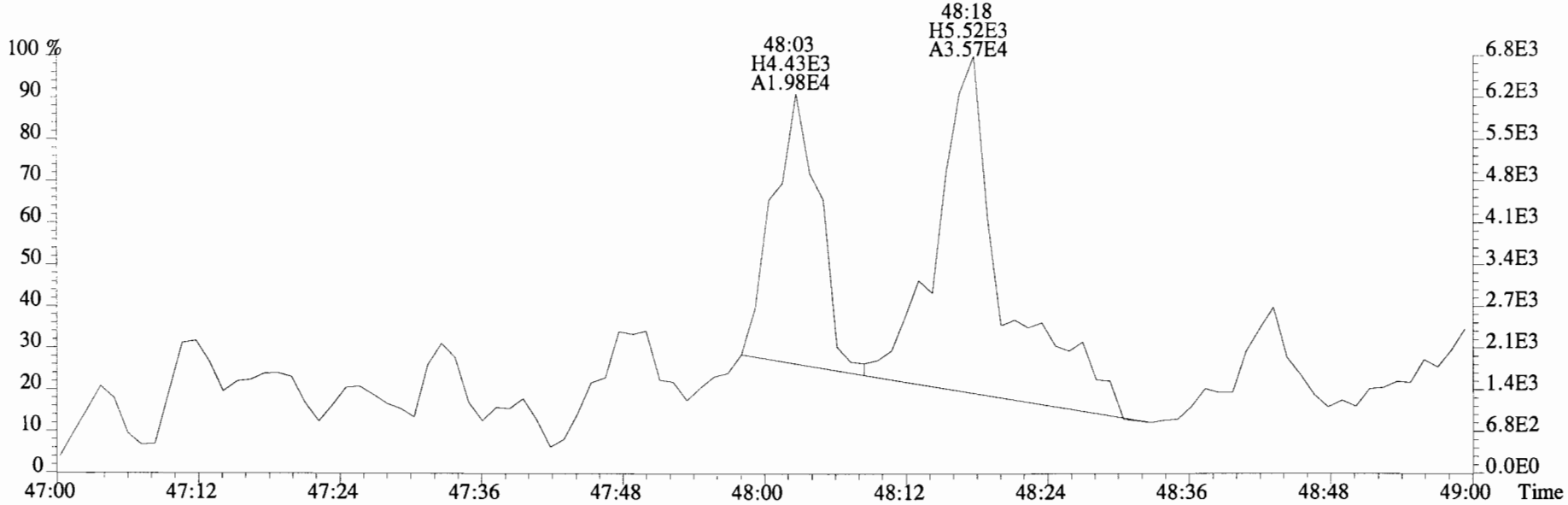
File:180314E1 #1-574 Acq:14-MAR-2018 18:15:13 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1804.0,0.00%,F,F)



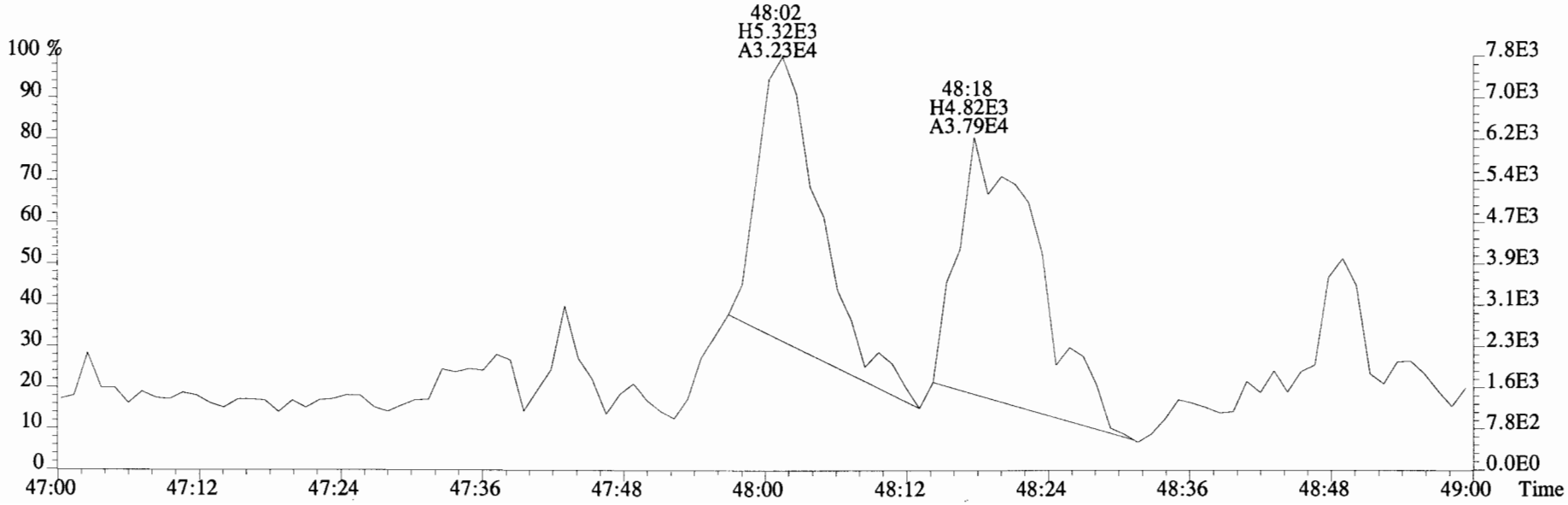
373.8788 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2184.0,0.00%,F,F)



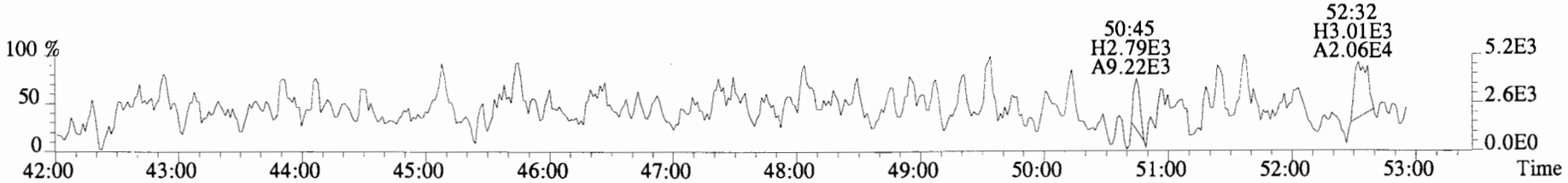
File:180314E1 #1-574 Acq:14-MAR-2018 18:15:13 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1804.0,0.00%,F,F)



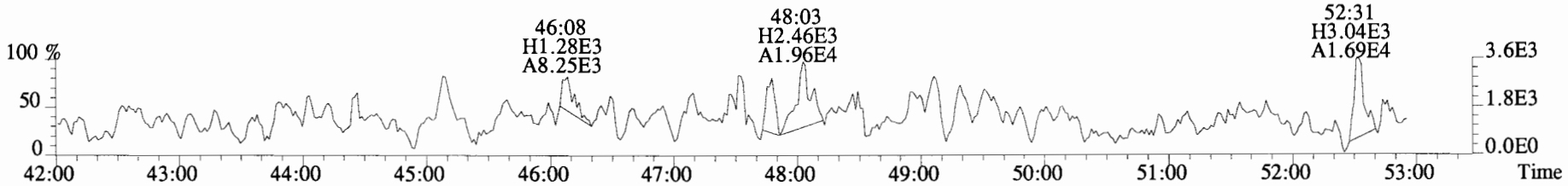
373.8788 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2184.0,0.00%,F,F)



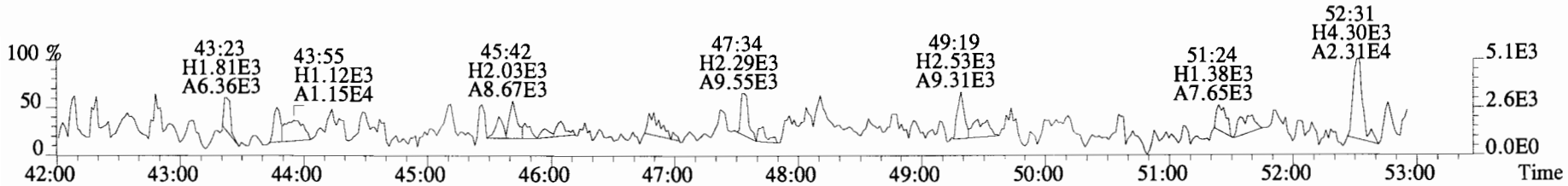
File:180314E1 #1-574 Acq:14-MAR-2018 18:15:13 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
393.8025 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2904.0,0.00%,F,F)



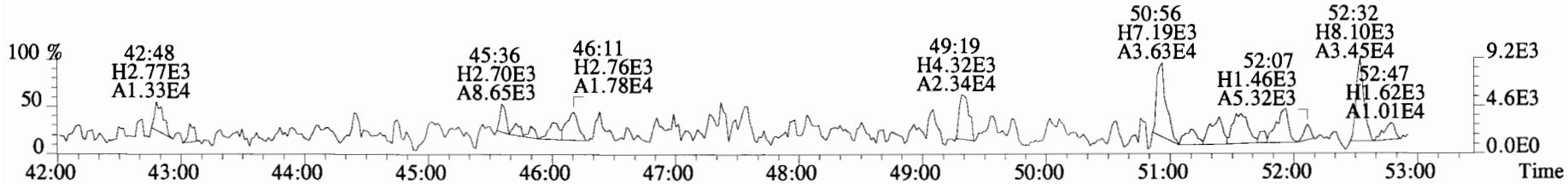
395.7995 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1708.0,0.00%,F,F)



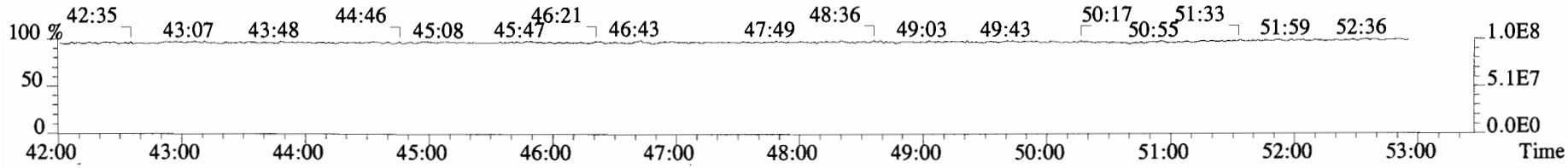
403.8457 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1668.0,0.00%,F,F)



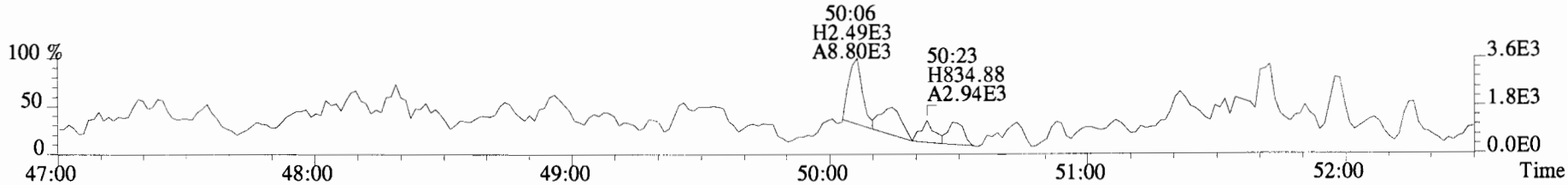
405.8428 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2544.0,0.00%,F,F)



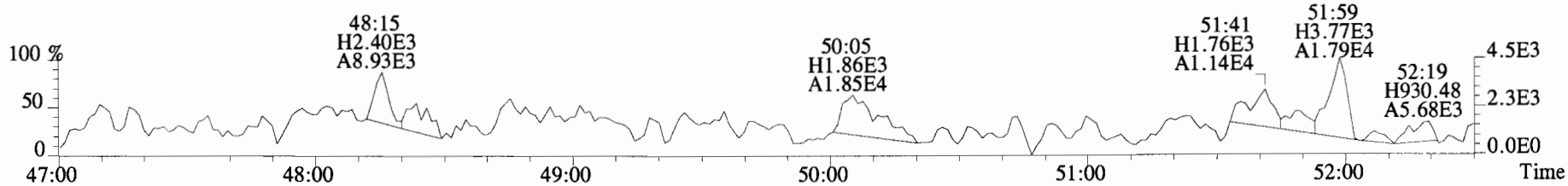
380.9760 S:7 F:4



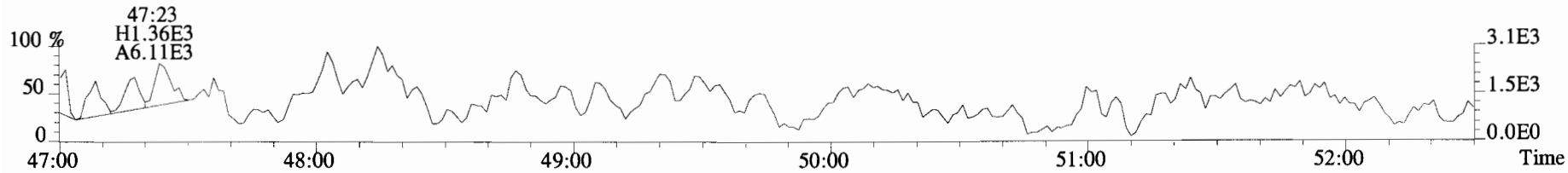
File:180314E1 #1-574 Acq:14-MAR-2018 18:15:13 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1656.0,0.00%,F,F)



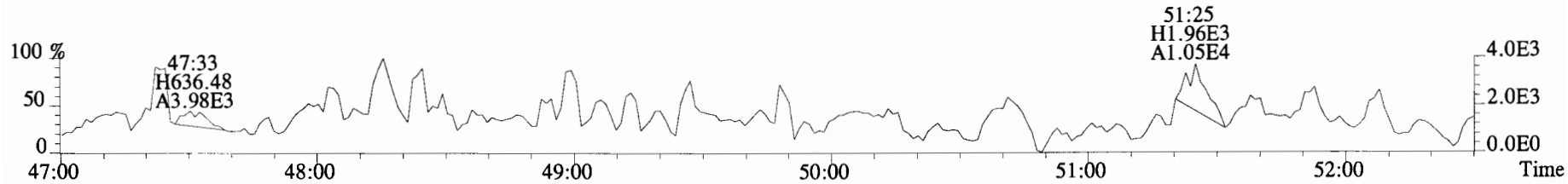
429.7606 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1688.0,0.00%,F,F)



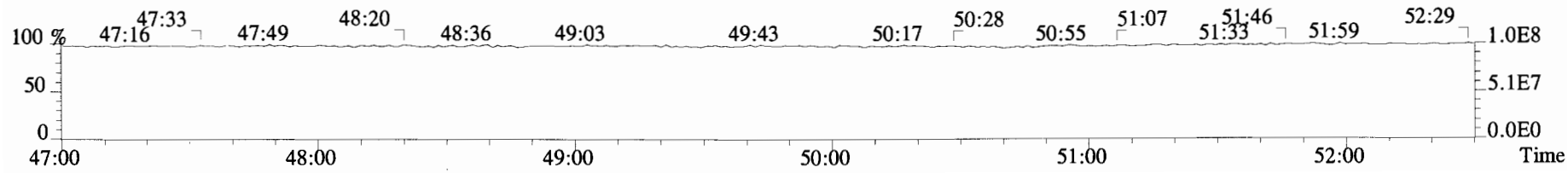
439.8038 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1556.0,0.00%,F,F)



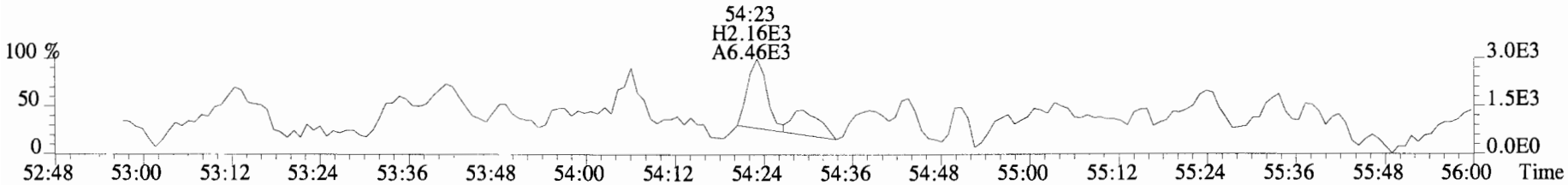
441.8008 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1828.0,0.00%,F,F)



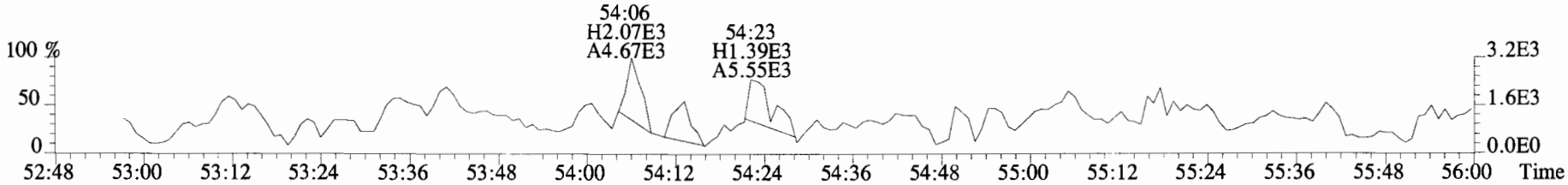
380.9760 S:7 F:4



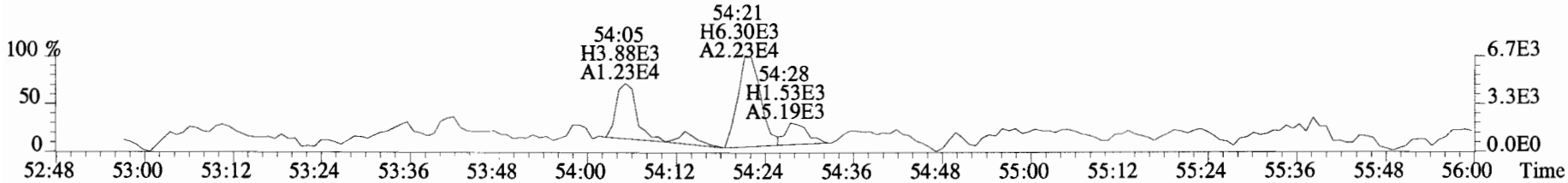
File:180314E1 #1-407 Acq:14-MAR-2018 18:15:13 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1428.0,0.00%,F,F)



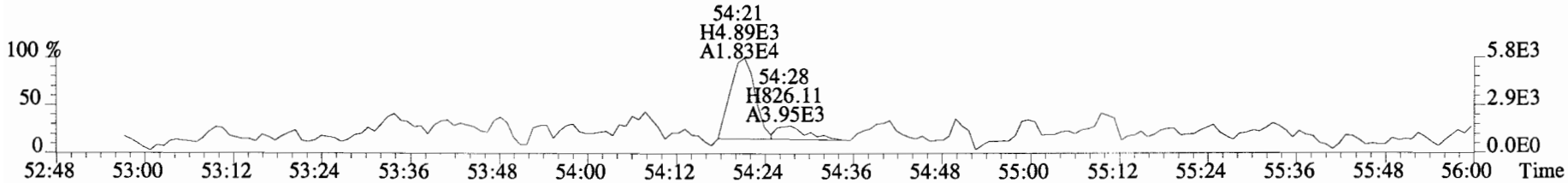
429.7606 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1396.0,0.00%,F,F)



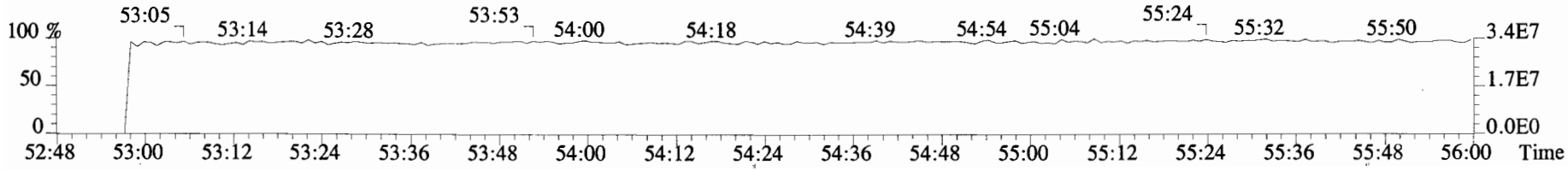
439.8038 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1516.0,0.00%,F,F)



441.8008 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1464.0,0.00%,F,F)

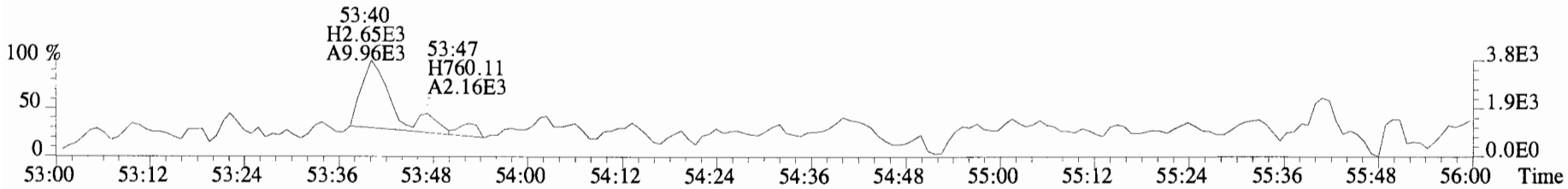


492.9697 S:7 F:5

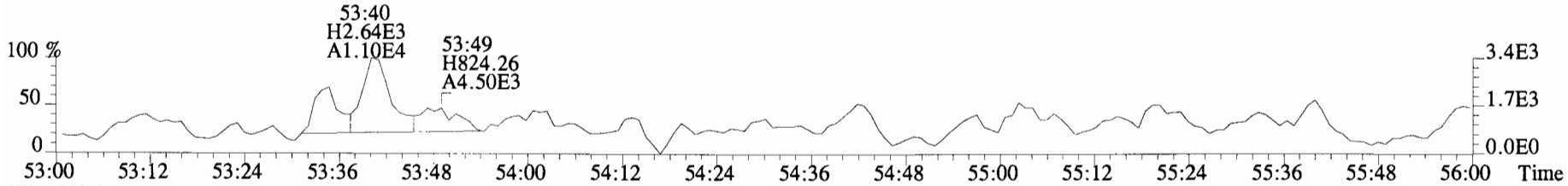


File:180314E1 #1-407 Acq:14-MAR-2018 18:15:13 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1

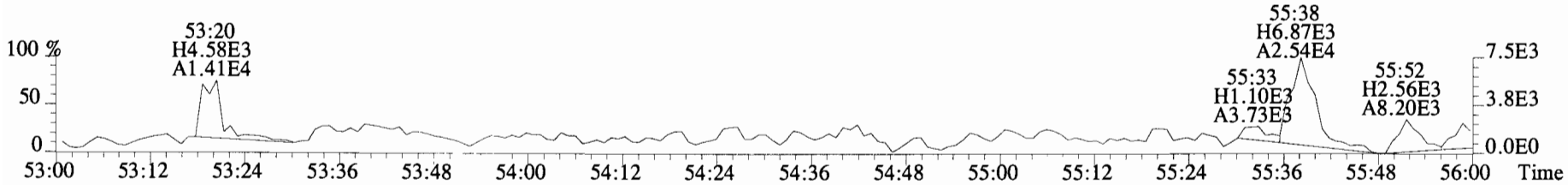
463.7216 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1316.0,0.00%,F,F)



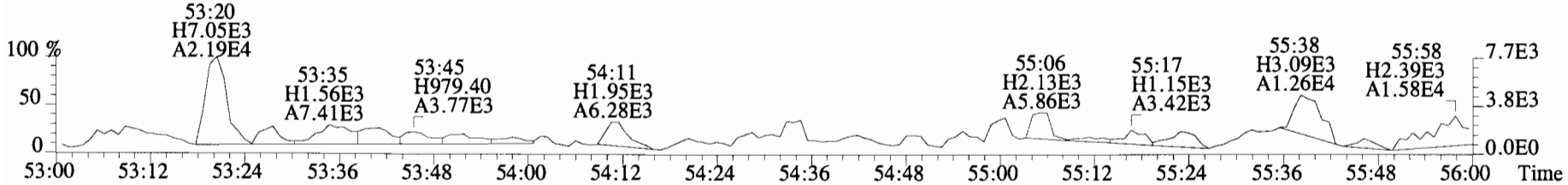
465.7186 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1252.0,0.00%,F,F)



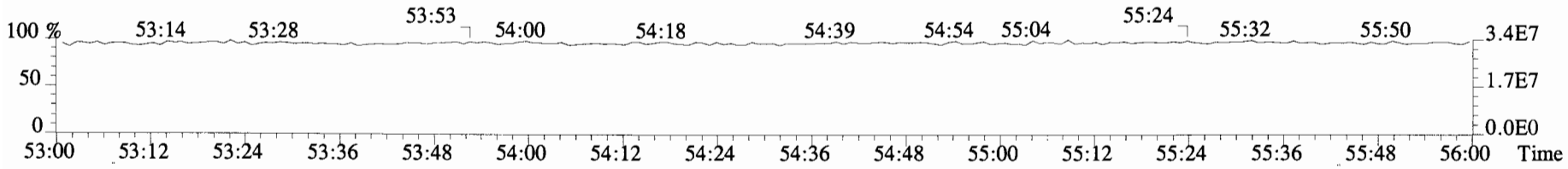
473.7648 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1476.0,0.00%,F,F)



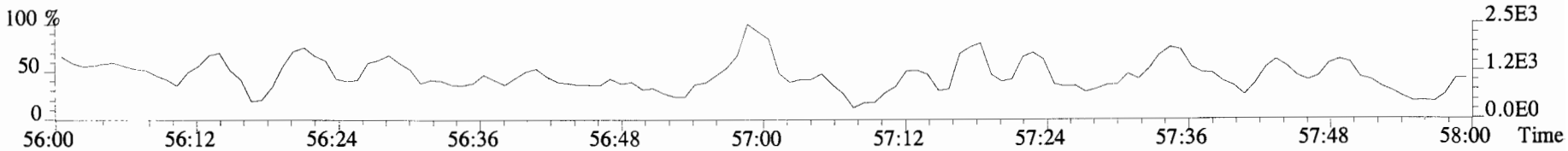
475.7619 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1708.0,0.00%,F,F)



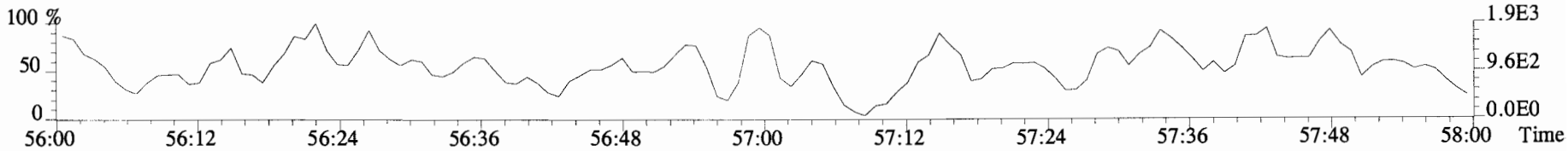
492.9697 S:7 F:5



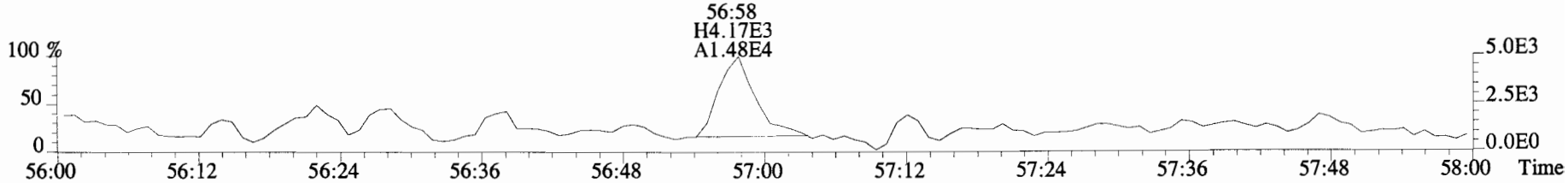
File:180314E1 #1-407 Acq:14-MAR-2018 18:15:13 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
497.6826 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1524.0,0.00%,F,F)



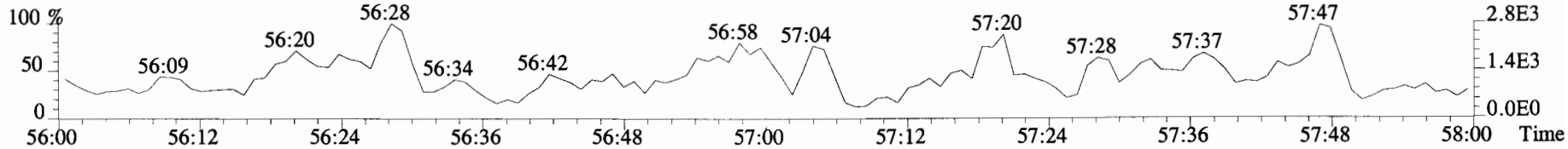
499.6797 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1480.0,0.00%,F,F)



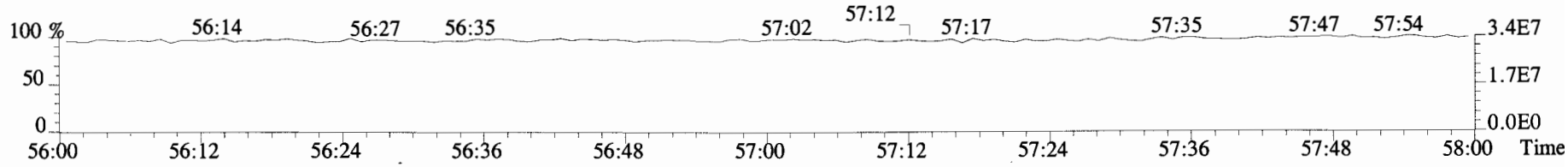
509.7229 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1464.0,0.00%,F,F)



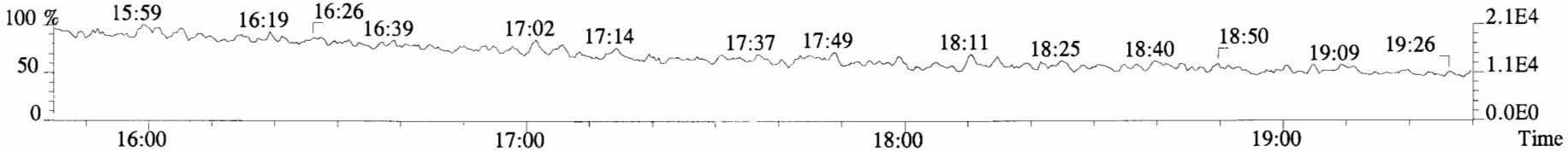
511.7199 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1600.0,0.00%,F,F)



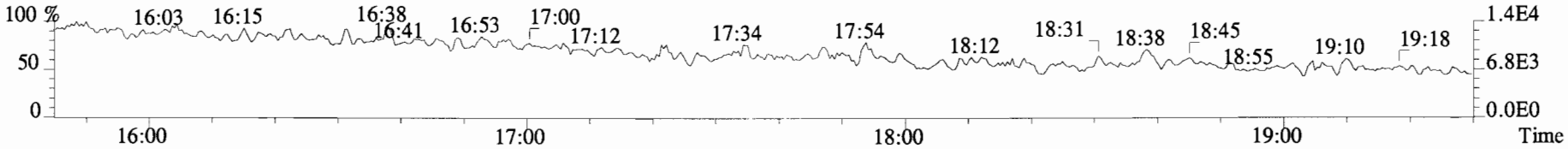
492.9697 S:7 F:5



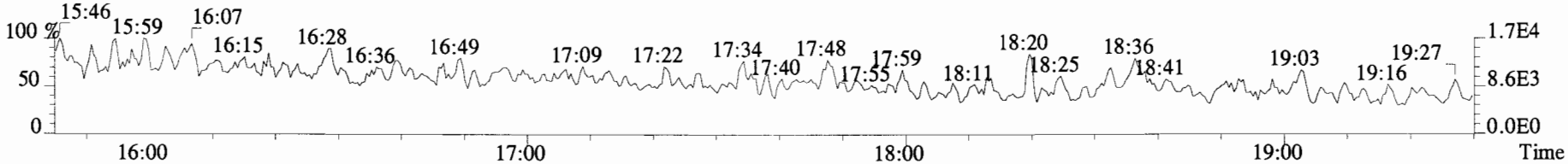
File:180314E1 #1-866 Acq:14-MAR-2018 23:41:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
188.0393 S:12 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18304.0,0.00%,F,F)



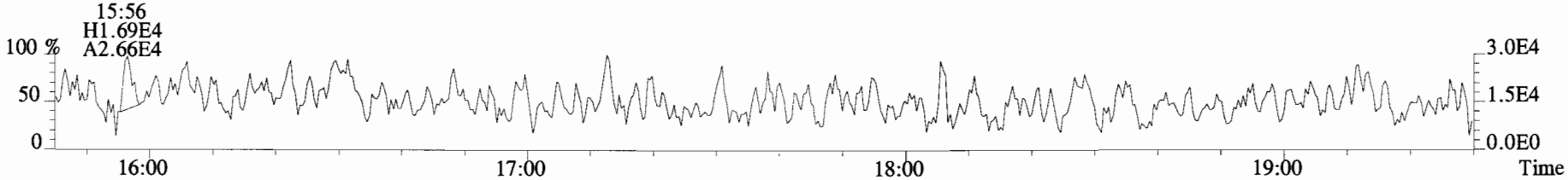
190.0363 S:12 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11752.0,0.00%,F,F)



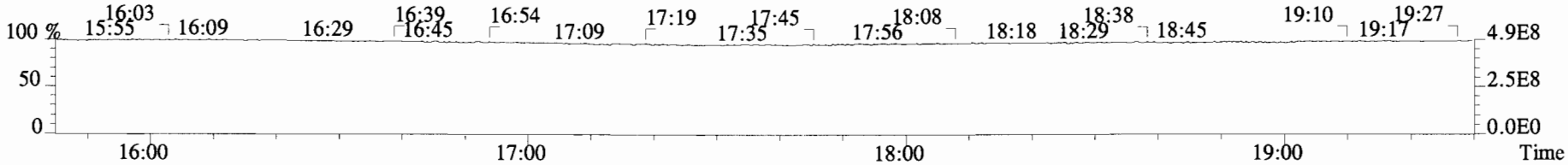
200.0795 S:12 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12336.0,0.00%,F,F)



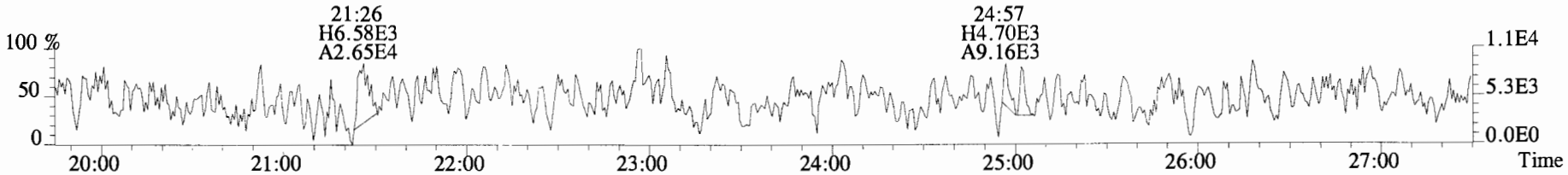
202.0766 S:12 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20432.0,0.00%,F,F)



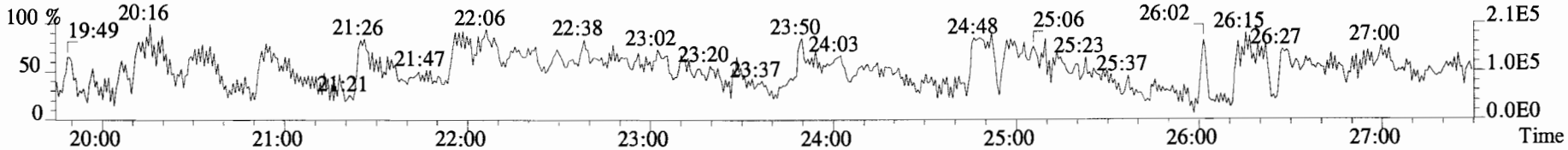
180.9880 S:12



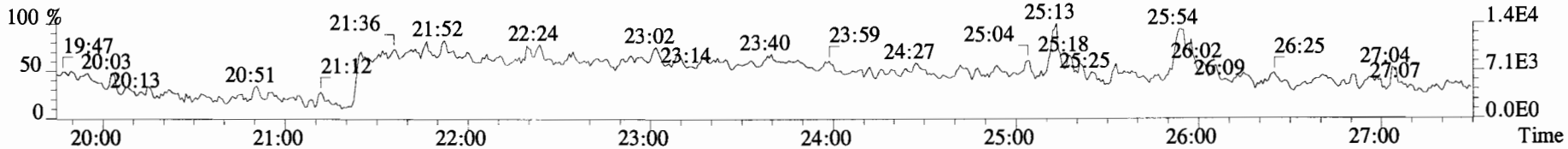
File:180314E1 #1-757 Acq:14-MAR-2018 23:41:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
222.0003 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6748.0,0.00%,F,F)



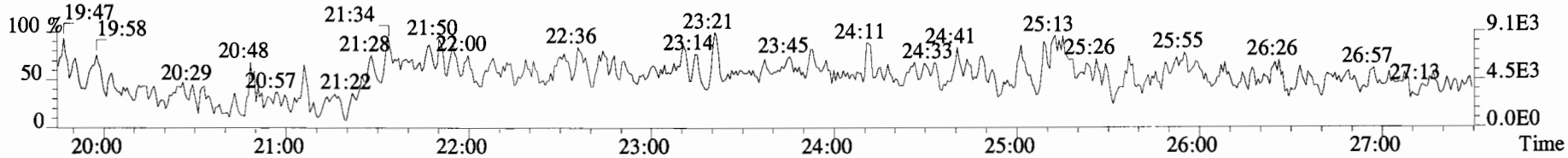
223.9974 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,140288.0,0.00%,F,F)



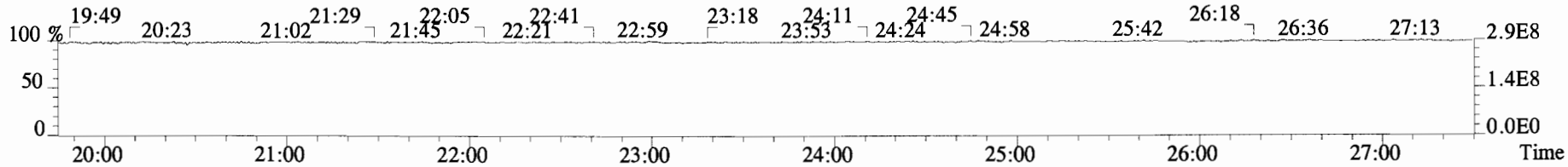
234.0406 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8968.0,0.00%,F,F)



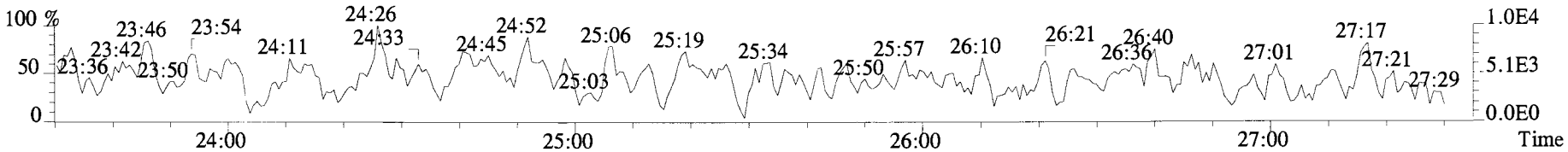
236.0376 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6508.0,0.00%,F,F)



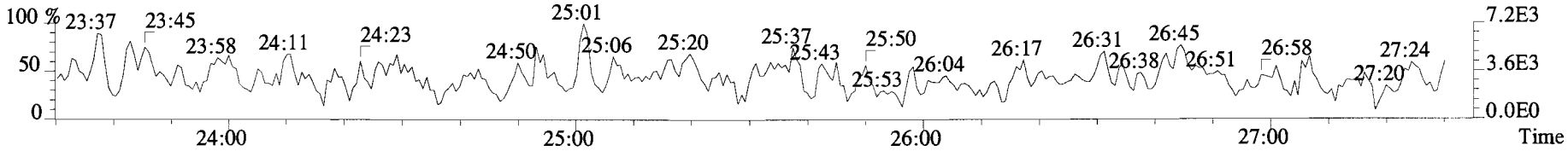
230.9856 S:12 F:2



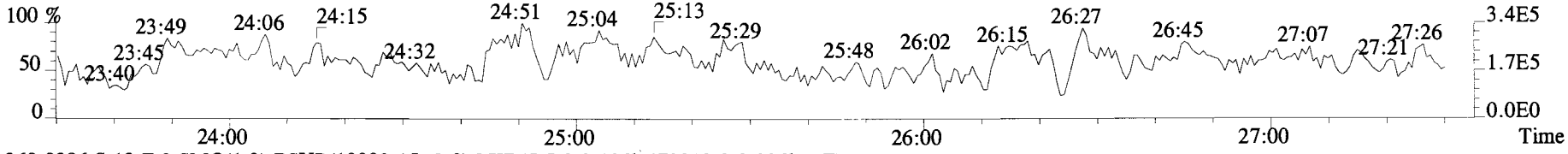
File:180314E1 #1-757 Acq:14-MAR-2018 23:41:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5856.0,0.00%,F,F)



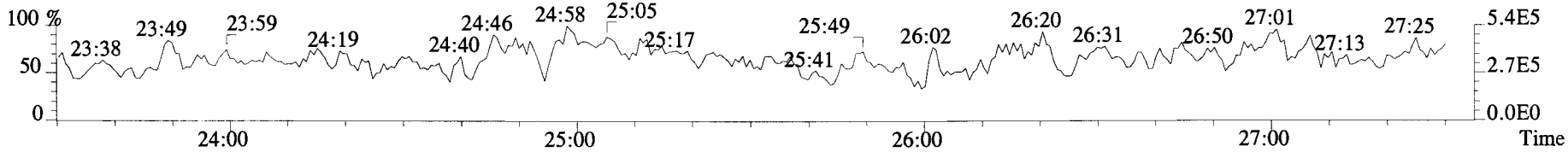
257.9584 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3996.0,0.00%,F,F)



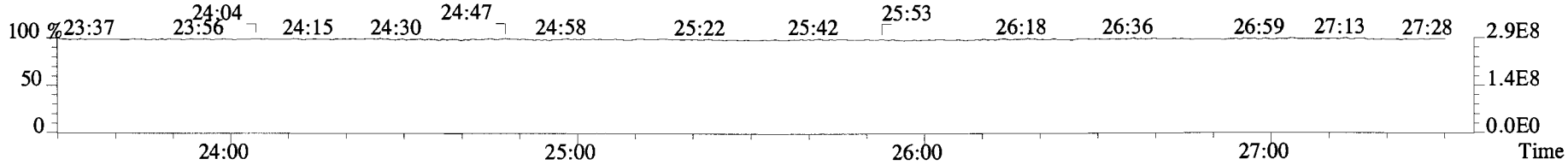
268.0016 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,274360.0,0.00%,F,F)



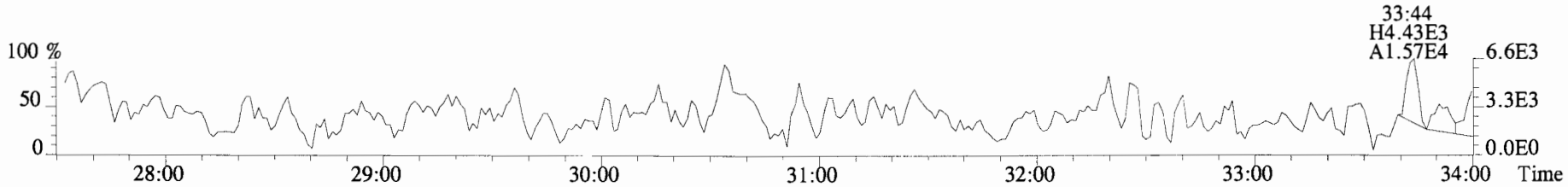
269.9986 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,470212.0,0.00%,F,F)



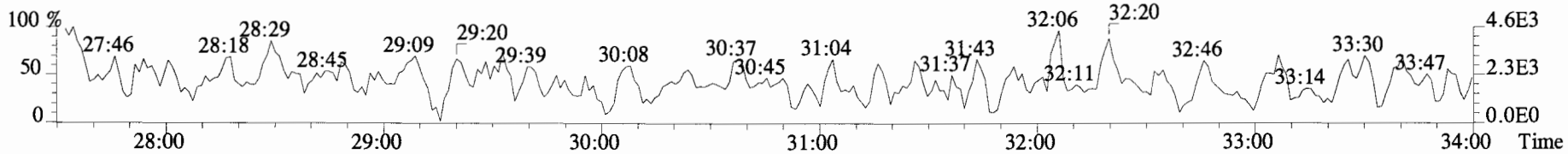
230.9856 S:12 F:2



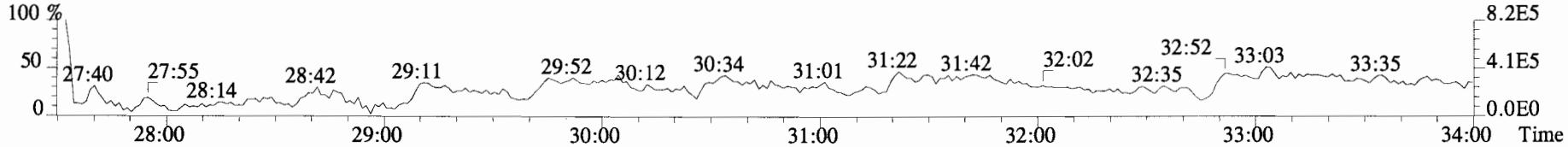
File:180314E1 #1-756 Acq:14-MAR-2018 23:41:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3516.0,0.00%,F,F)



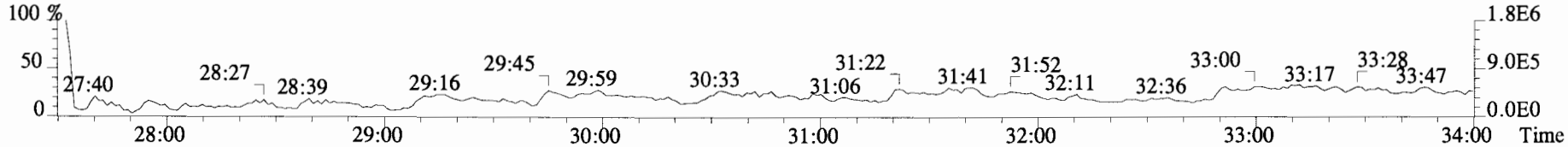
257.9584 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2576.0,0.00%,F,F)



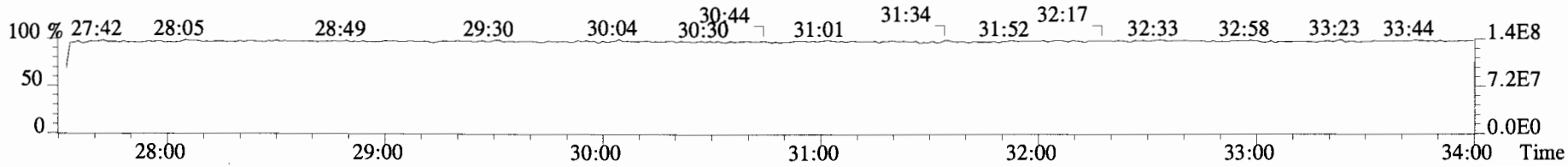
268.0016 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,301736.0,0.00%,F,F)



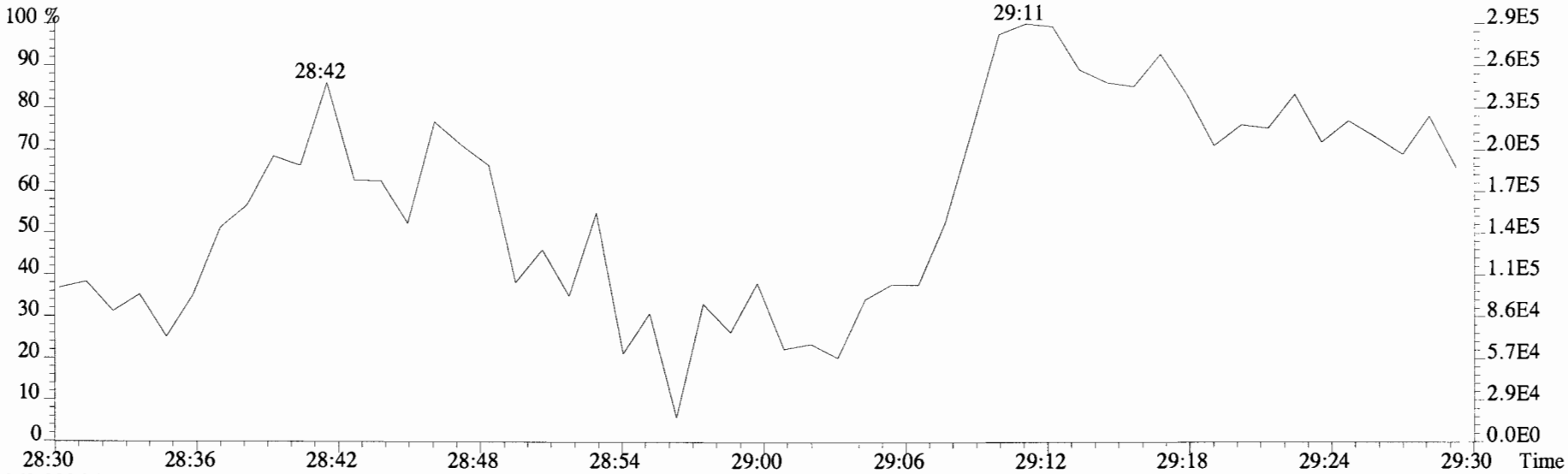
269.9986 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,471688.0,0.00%,F,F)



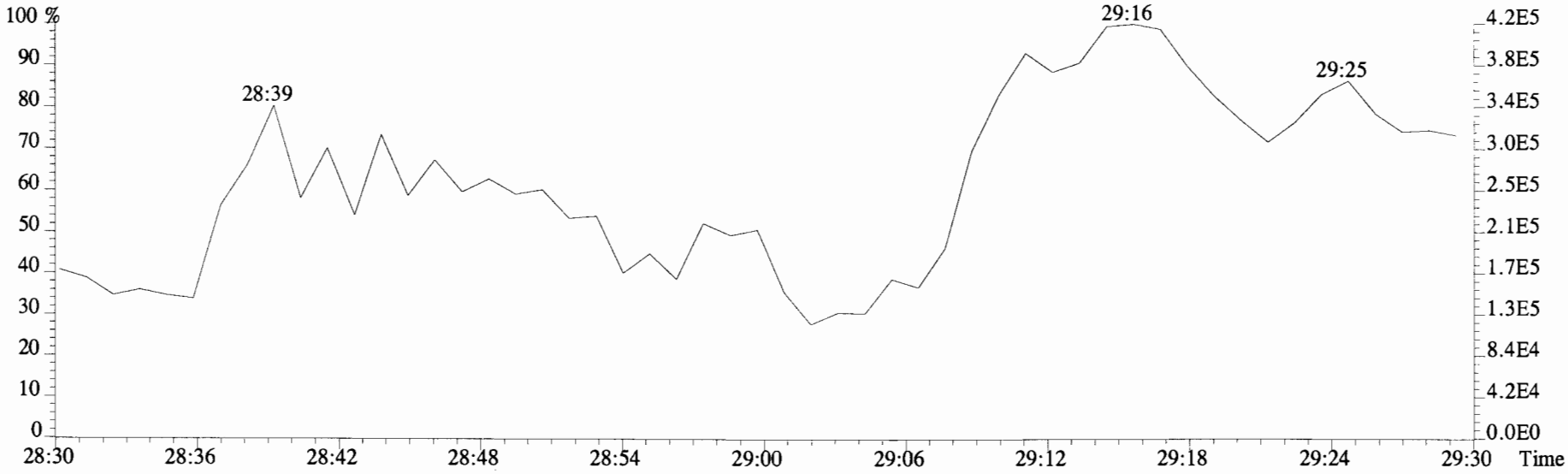
330.9792 S:12 F:3



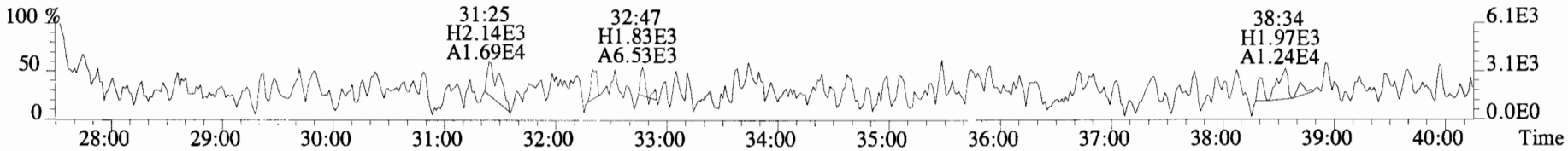
File:180314E1 #1-756 Acq:14-MAR-2018 23:41:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
268.0016 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,301736.0,0.00%,F,F)



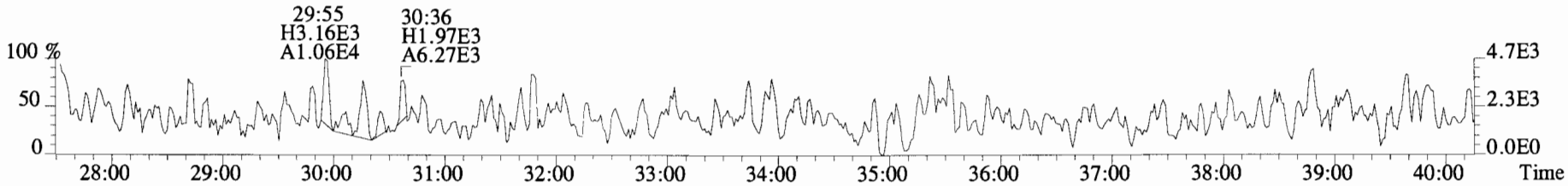
269.9986 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,471688.0,0.00%,F,F)



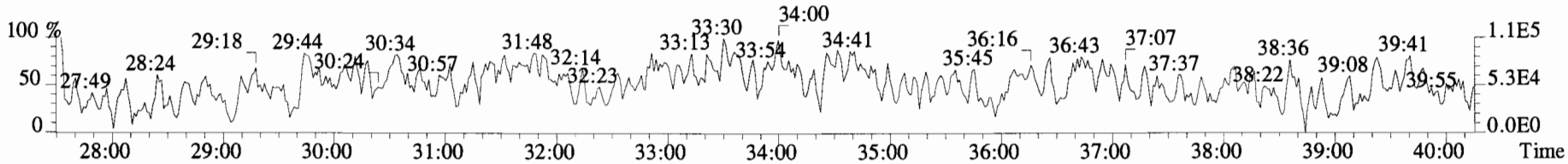
File:180314E1 #1-756 Acq:14-MAR-2018 23:41:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2452.0,0.00%,F,F)



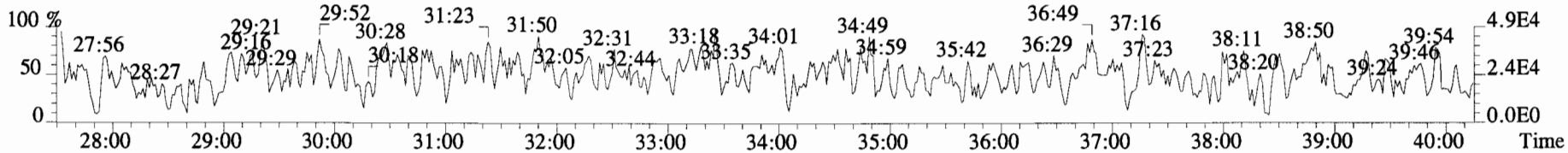
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2296.0,0.00%,F,F)



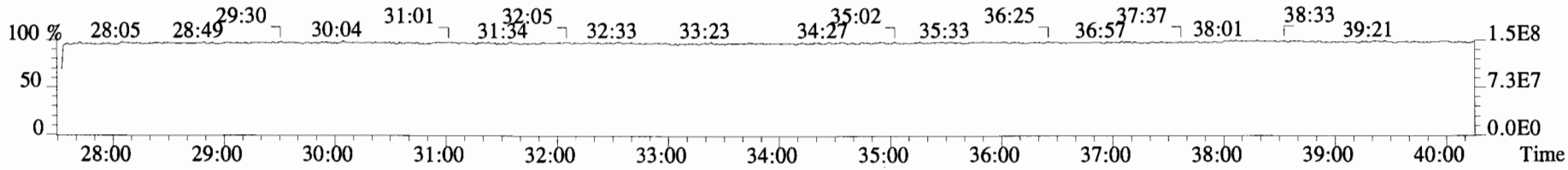
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,72184.0,0.00%,F,F)



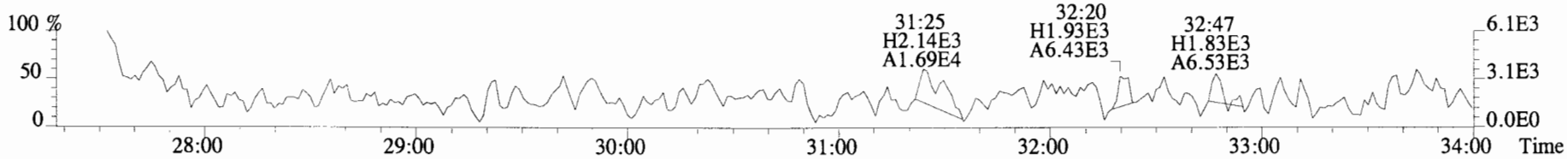
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,32584.0,0.00%,F,F)



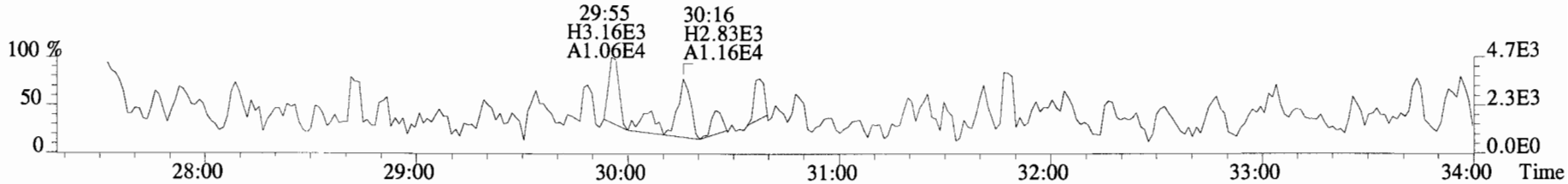
330.9792 S:12 F:3



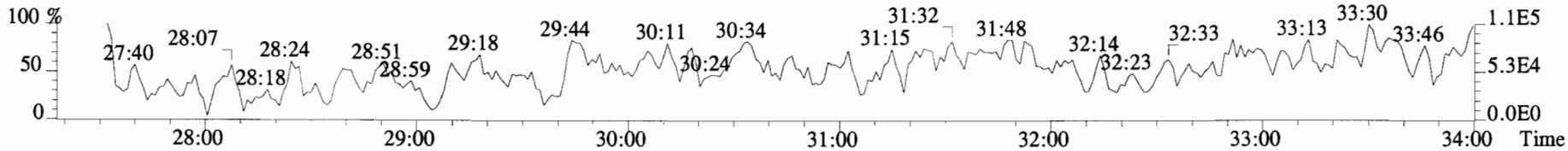
File:180314E1 #1-756 Acq:14-MAR-2018 23:41:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2452.0,0.00%,F,F)



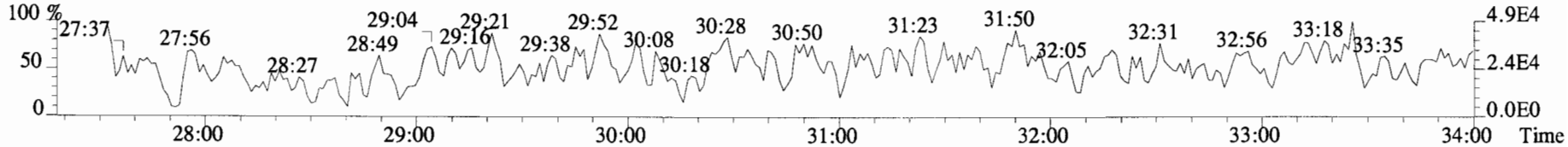
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2296.0,0.00%,F,F)



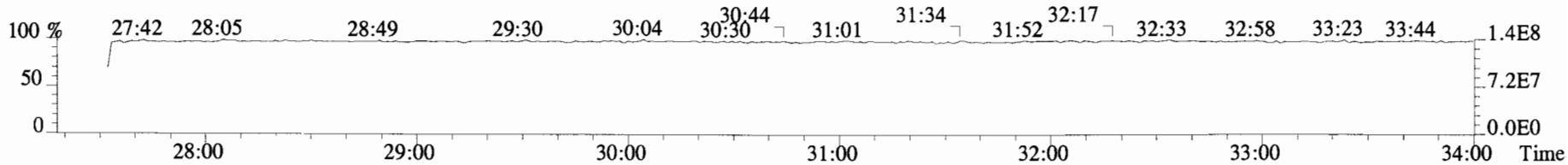
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,72184.0,0.00%,F,F)



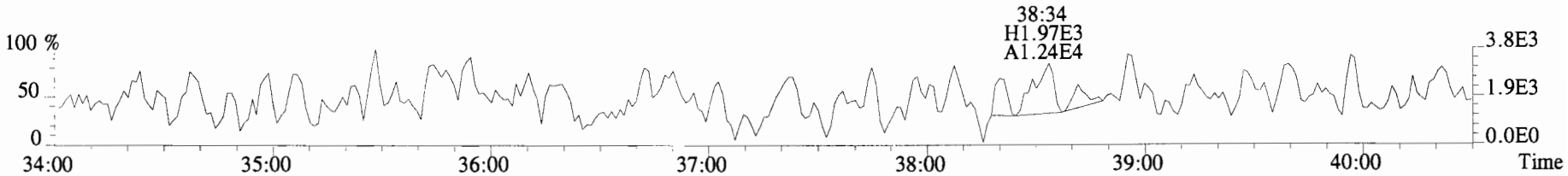
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,32584.0,0.00%,F,F)



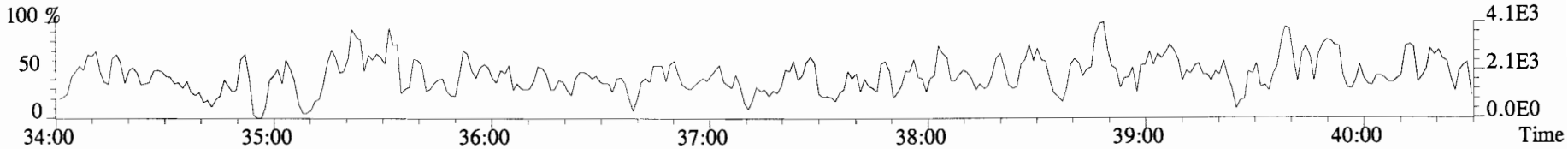
330.9792 S:12 F:3



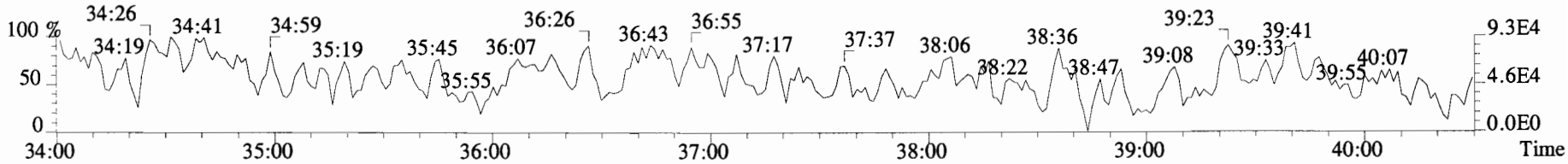
File:180314E1 #1-756 Acq:14-MAR-2018 23:41:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2452.0,0.00%,F,F)



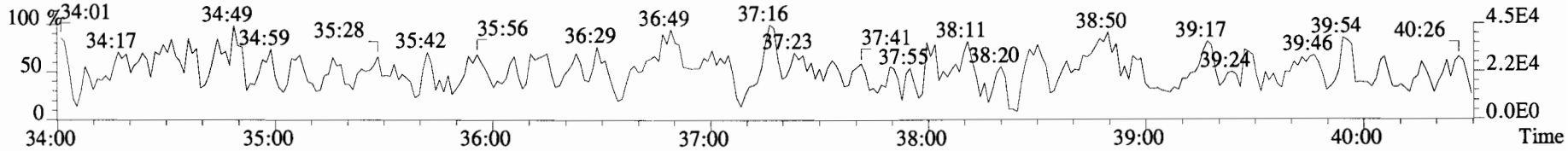
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2296.0,0.00%,F,F)



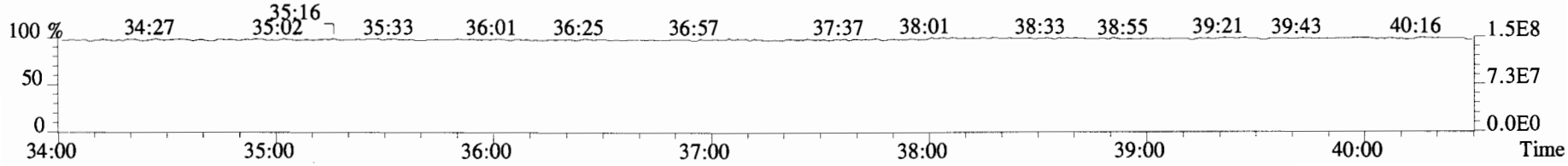
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,72184.0,0.00%,F,F)



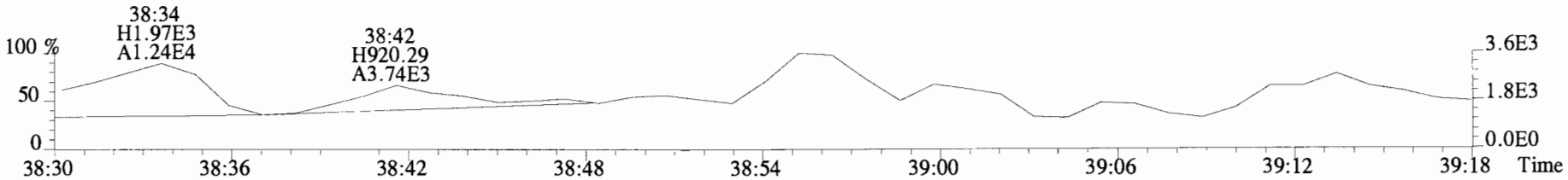
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,32584.0,0.00%,F,F)



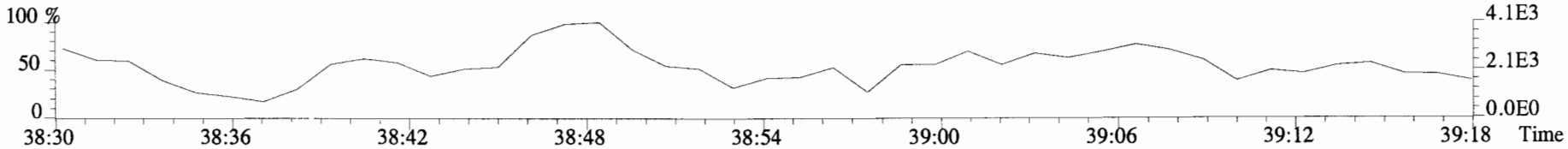
330.9792 S:12 F:3



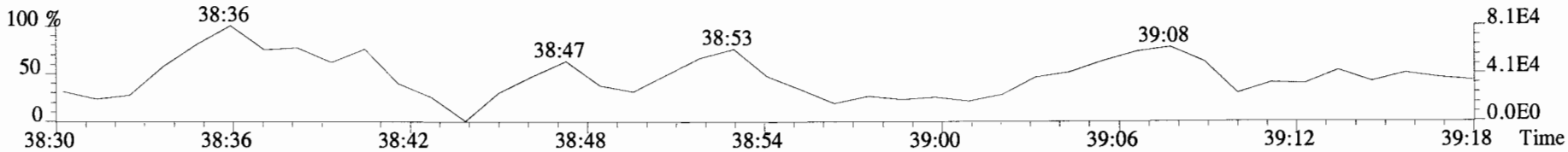
File:180314E1 #1-756 Acq:14-MAR-2018 23:41:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2452.0,0.00%,F,F)



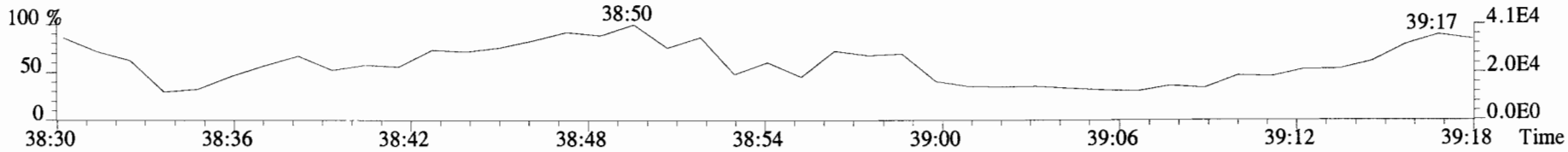
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2296.0,0.00%,F,F)



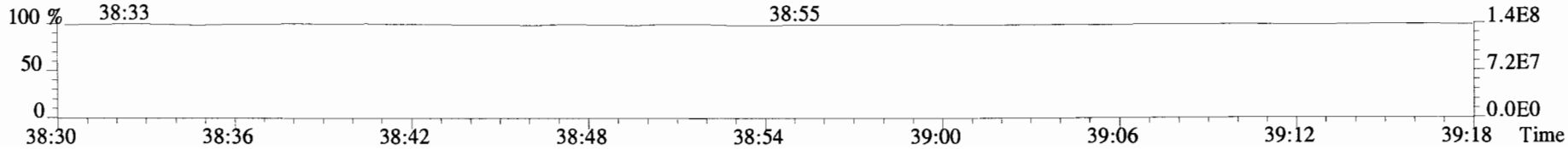
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,72184.0,0.00%,F,F)



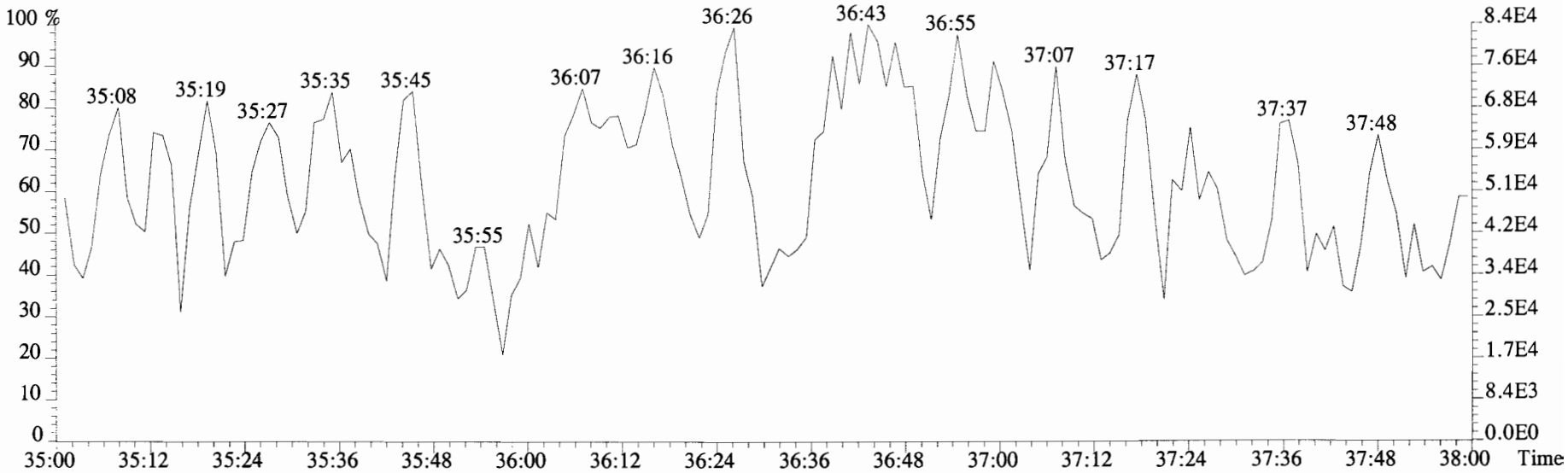
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,32584.0,0.00%,F,F)



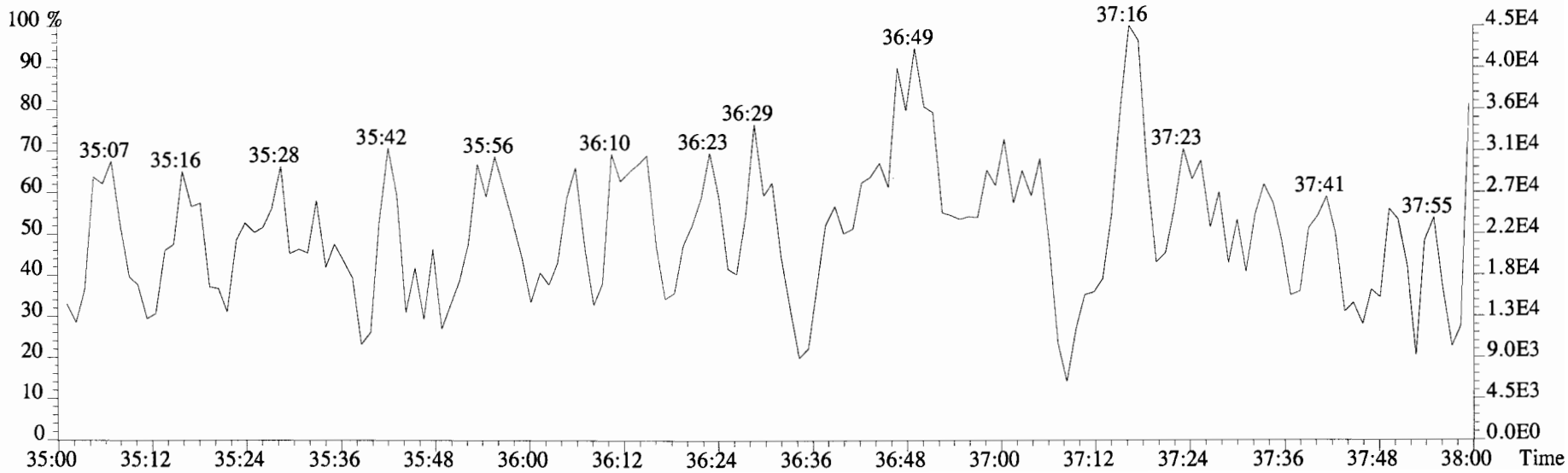
330.9792 S:12 F:3



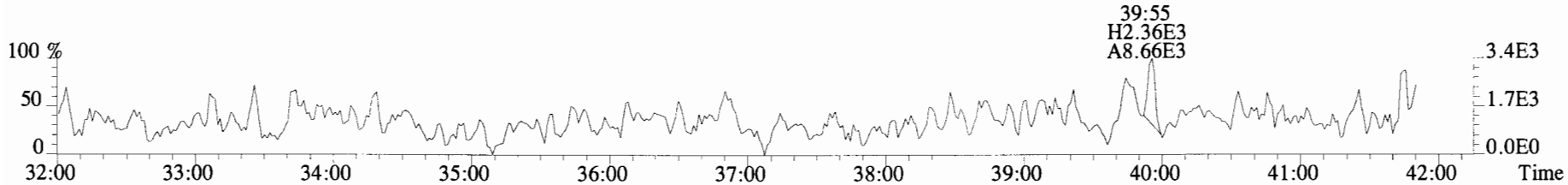
File:180314E1 #1-756 Acq:14-MAR-2018 23:41:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,72184.0,0.00%,F,F)



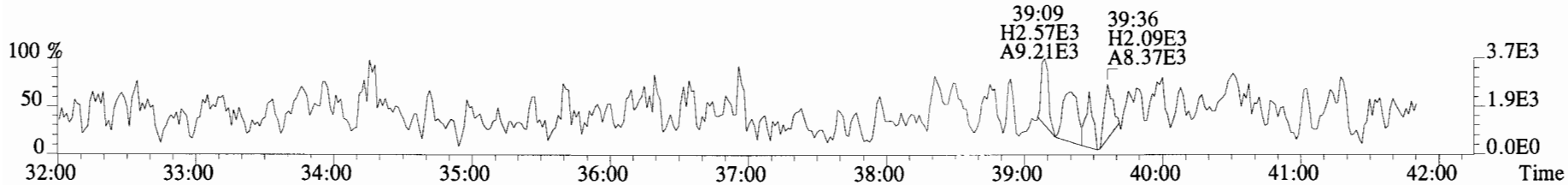
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,32584.0,0.00%,F,F)



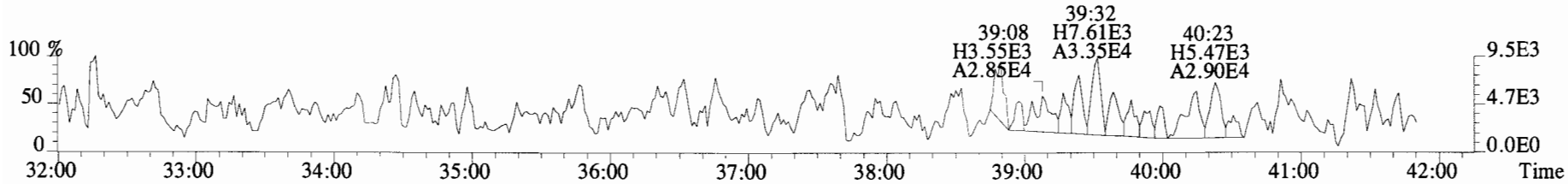
File:180314E1 #1-756 Acq:14-MAR-2018 23:41:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1564.0,0.00%,F,F)



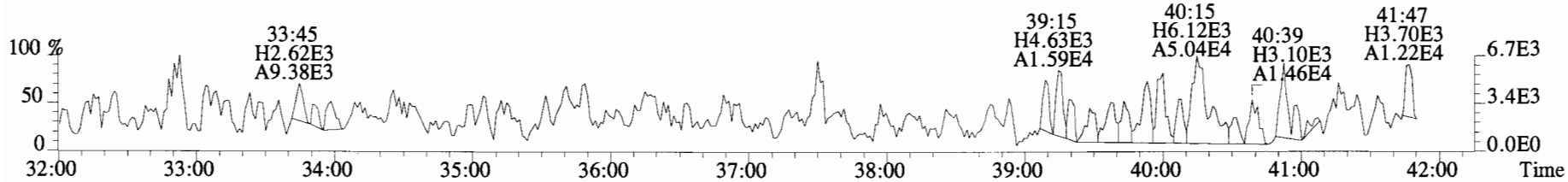
327.8775 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2060.0,0.00%,F,F)



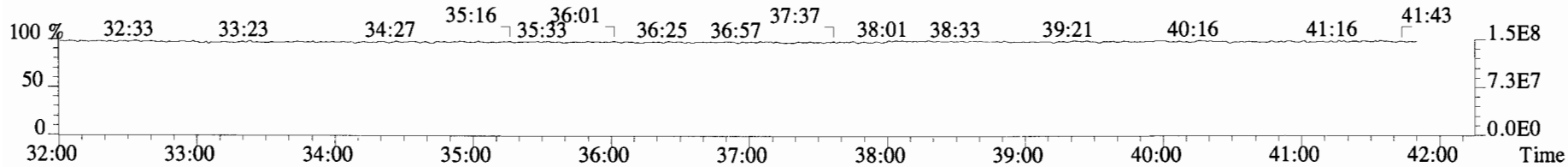
337.9207 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5032.0,0.00%,F,F)



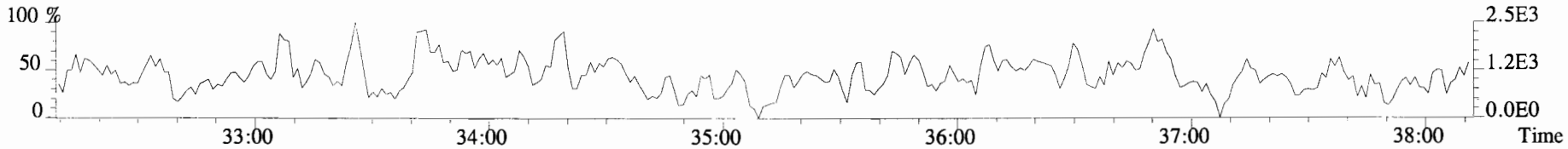
339.9177 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2920.0,0.00%,F,F)



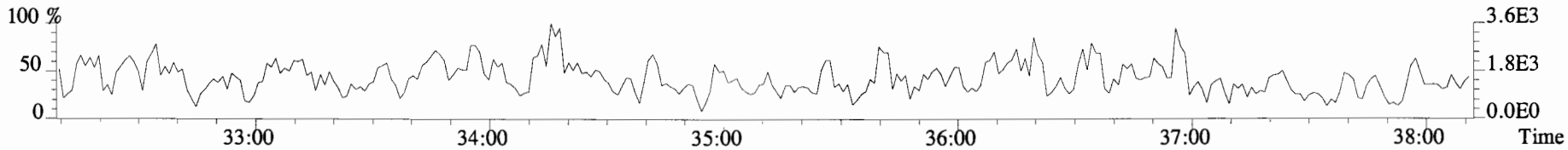
330.9792 S:12 F:3



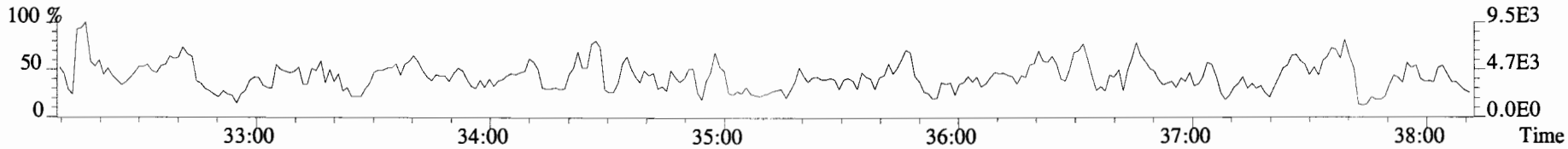
File:180314E1 #1-756 Acq:14-MAR-2018 23:41:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1564.0,0.00%,F,F)



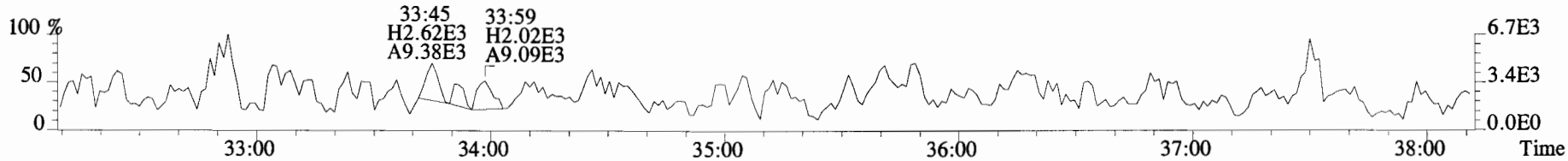
327.8775 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2060.0,0.00%,F,F)



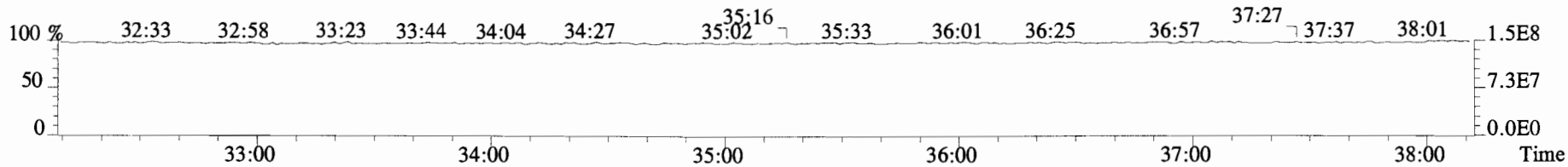
337.9207 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5032.0,0.00%,F,F)



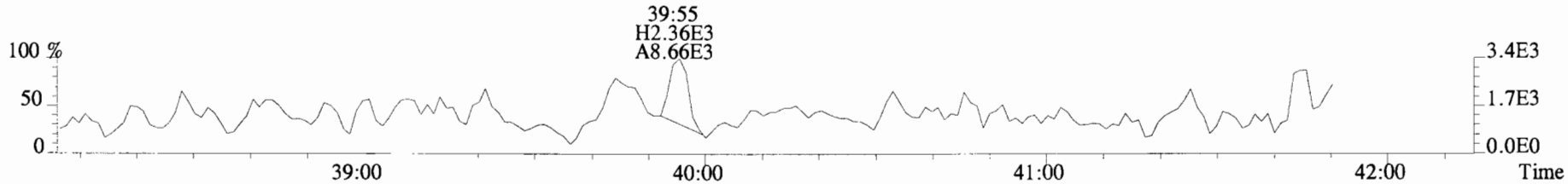
339.9177 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2920.0,0.00%,F,F)



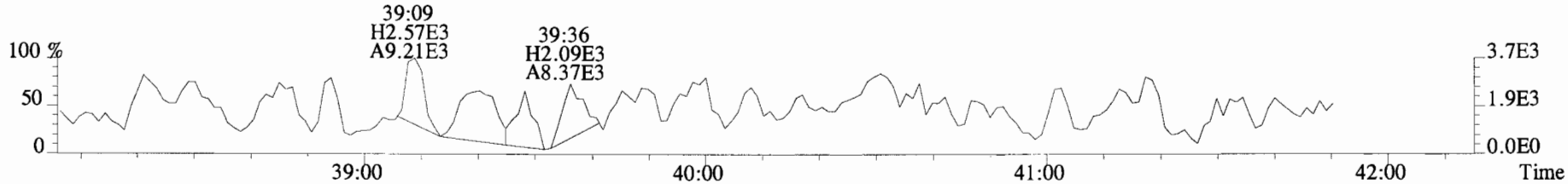
330.9792 S:12 F:3



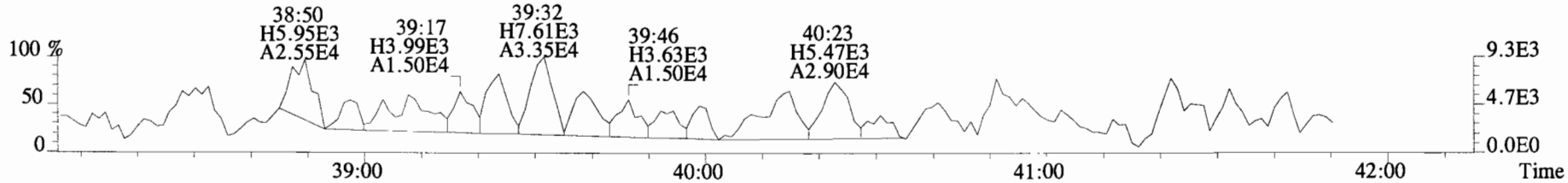
File:180314E1 #1-756 Acq:14-MAR-2018 23:41:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1564.0,0.00%,F,F)



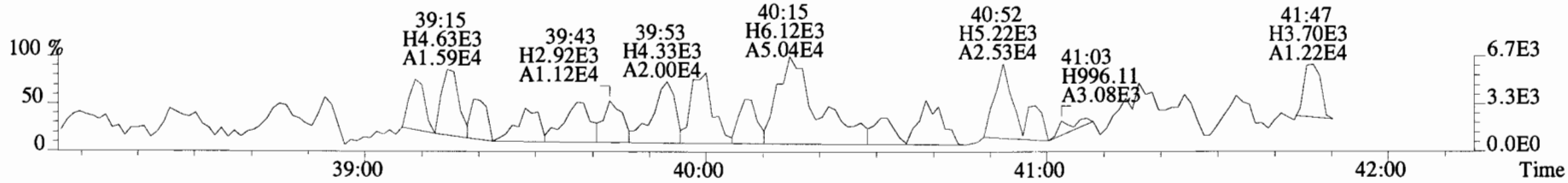
327.8775 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2060.0,0.00%,F,F)



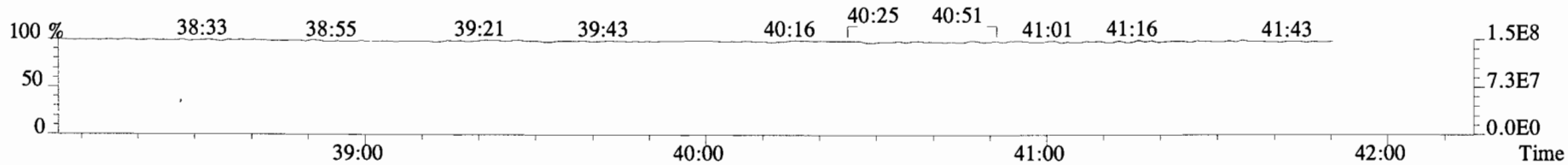
337.9207 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5032.0,0.00%,F,F)



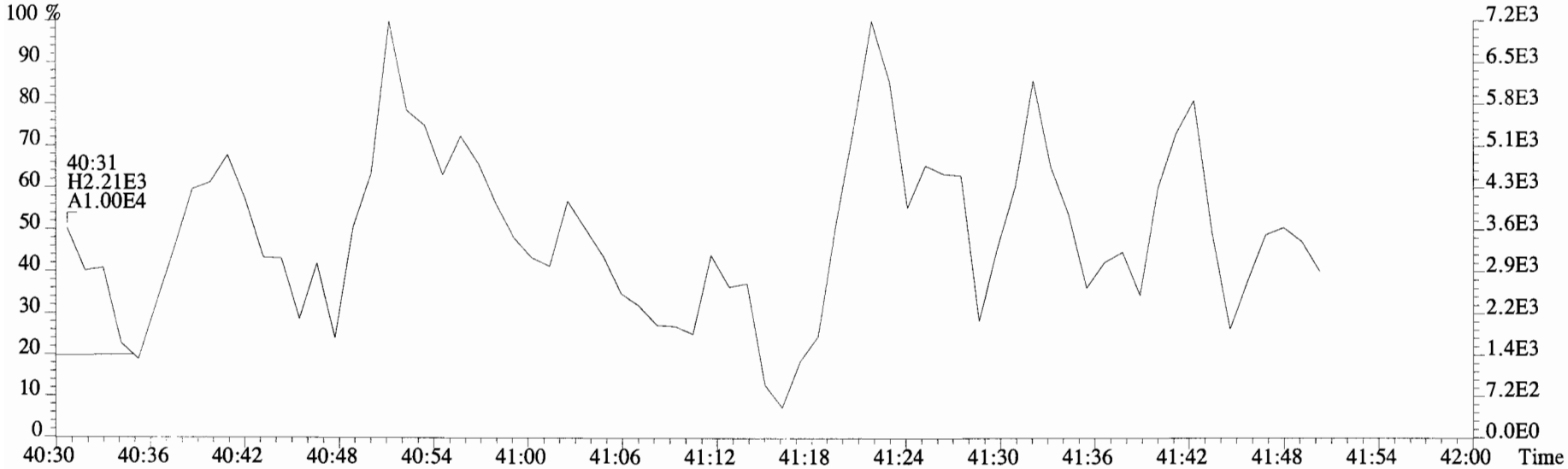
339.9177 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2920.0,0.00%,F,F)



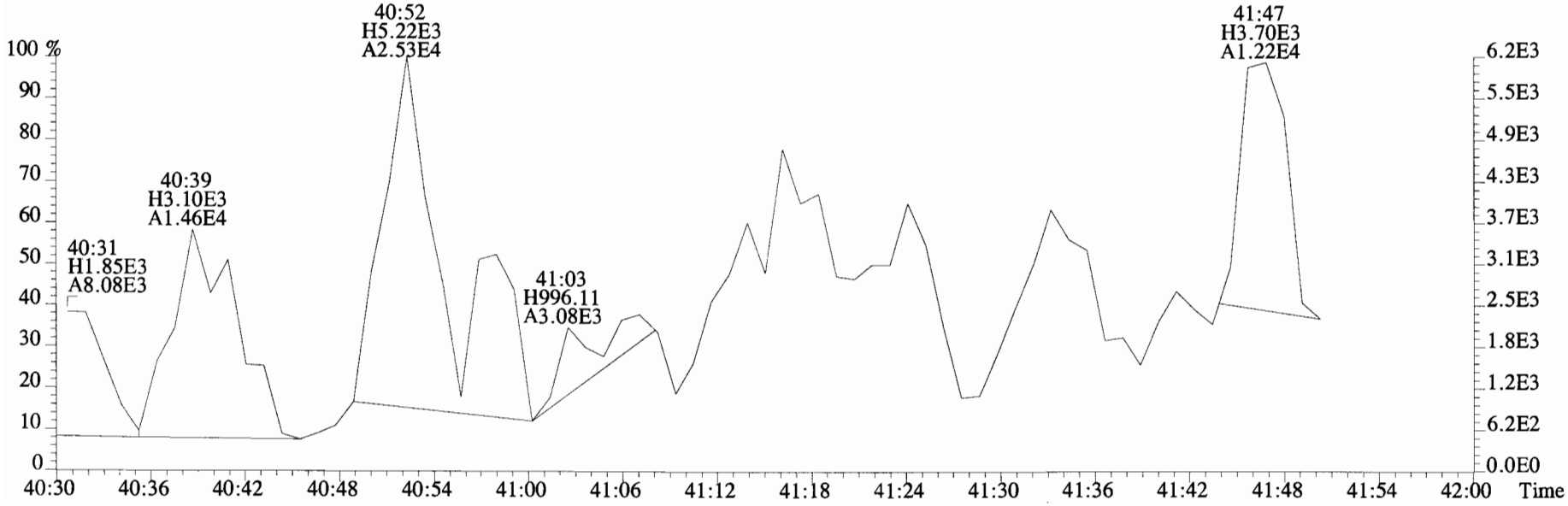
330.9792 S:12 F:3



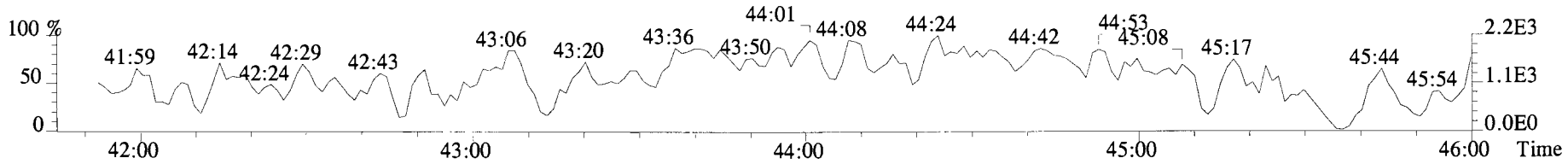
File:180314E1 #1-756 Acq:14-MAR-2018 23:41:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
337.9207 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5032.0,0.00%,F,F)



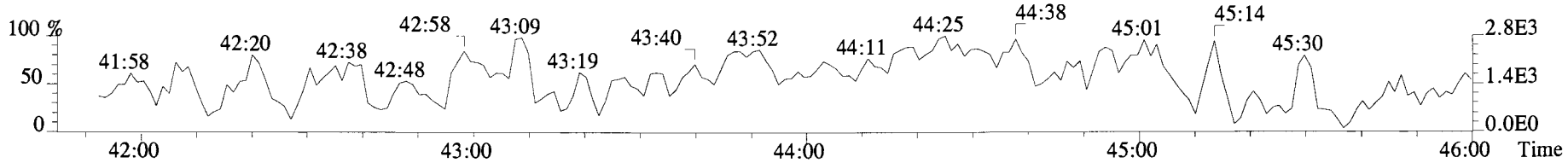
339.9177 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2920.0,0.00%,F,F)



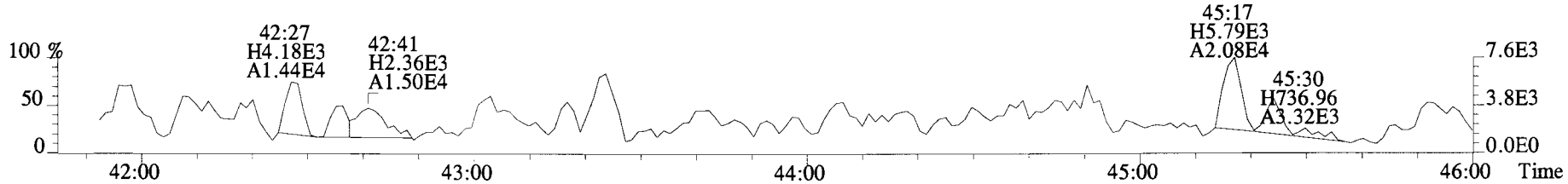
File:180314E1 #1-574 Acq:14-MAR-2018 23:41:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1660.0,0.00%,F,F)



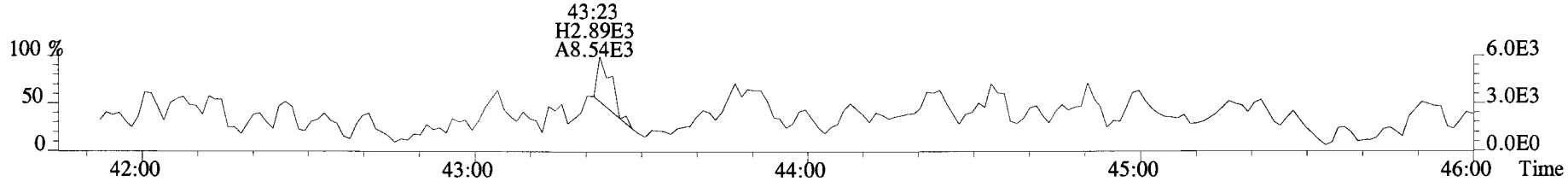
327.8775 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1960.0,0.00%,F,F)



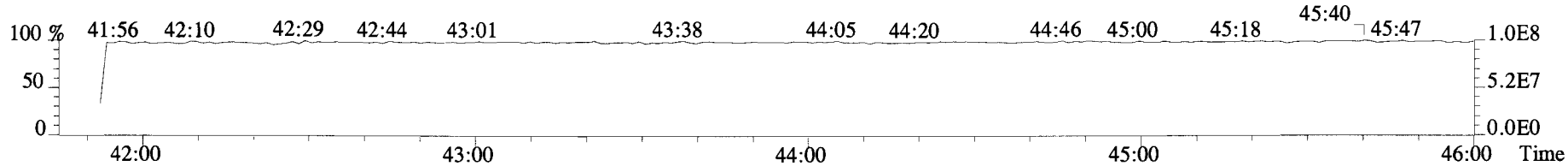
337.9207 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3232.0,0.00%,F,F)



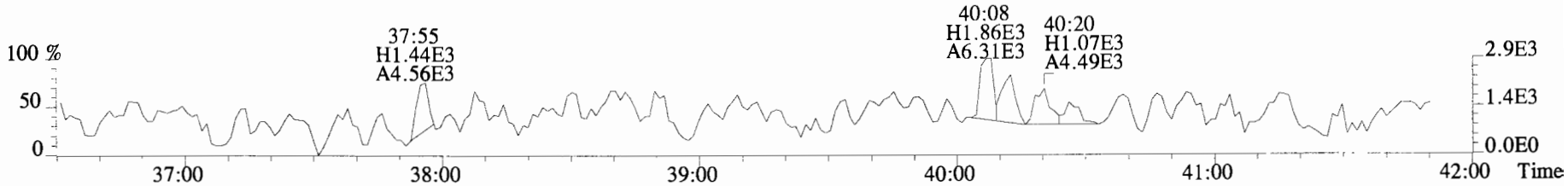
339.9177 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2760.0,0.00%,F,F)



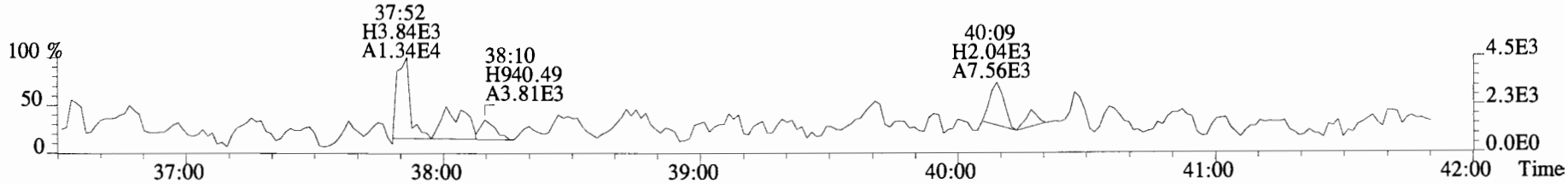
380.9760 S:12 F:4



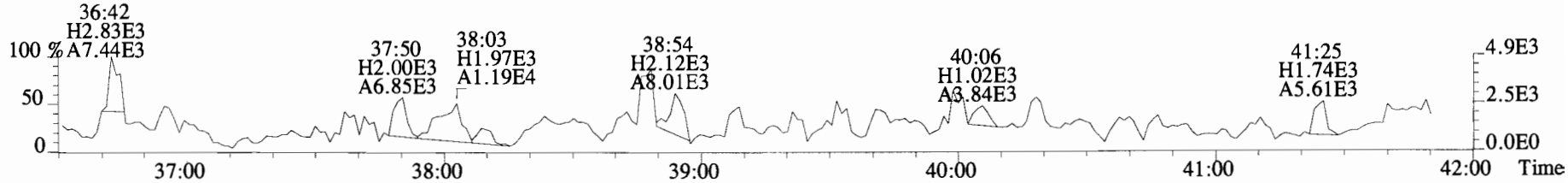
File:180314E1 #1-756 Acq:14-MAR-2018 23:41:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1600.0,0.00%,F,F)



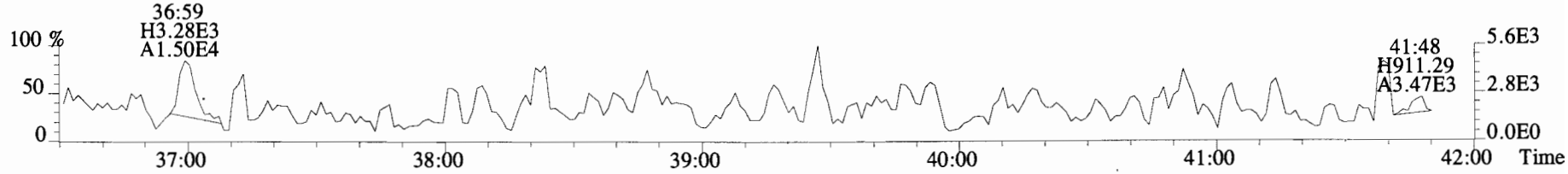
361.8385 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1704.0,0.00%,F,F)



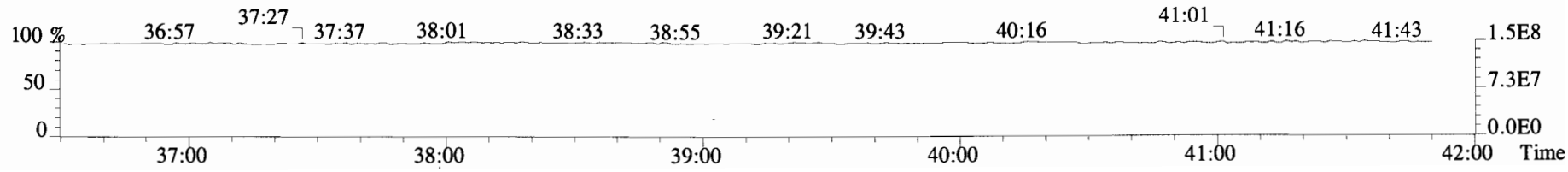
371.8817 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1572.0,0.00%,F,F)



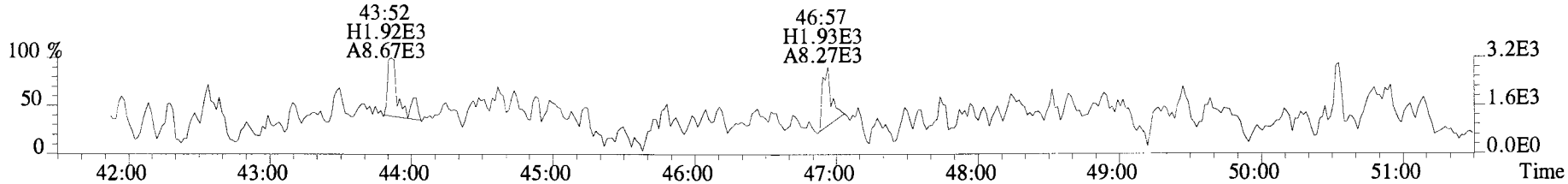
373.8788 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2176.0,0.00%,F,F)



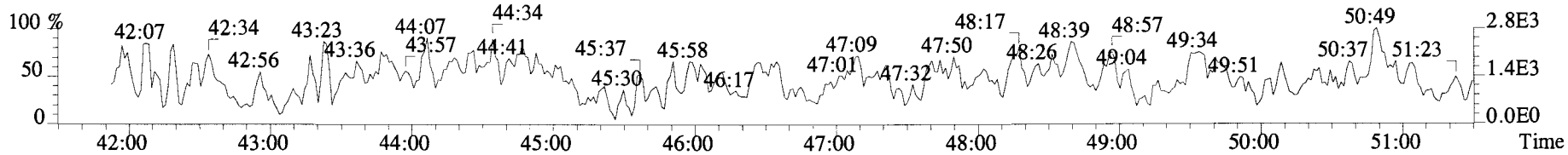
330.9792 S:12 F:3



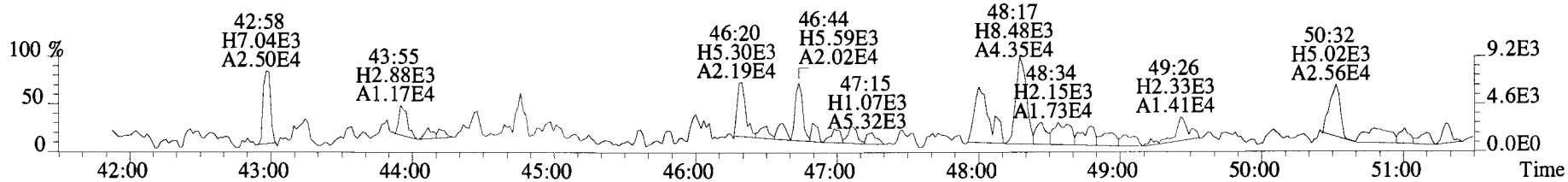
File:180314E1 #1-574 Acq:14-MAR-2018 23:41:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1584.0,0.00%,F,F)



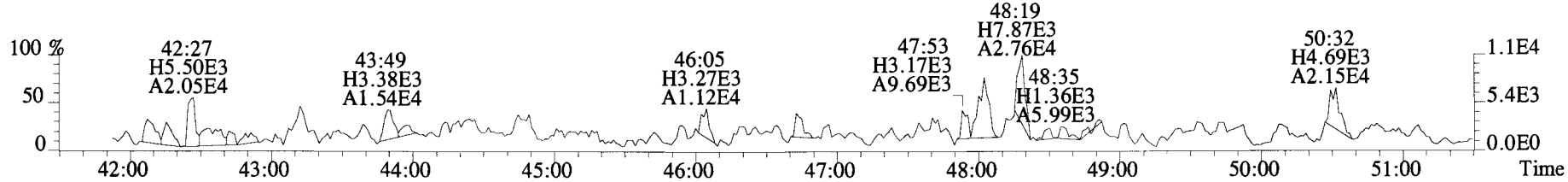
361.8385 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1728.0,0.00%,F,F)



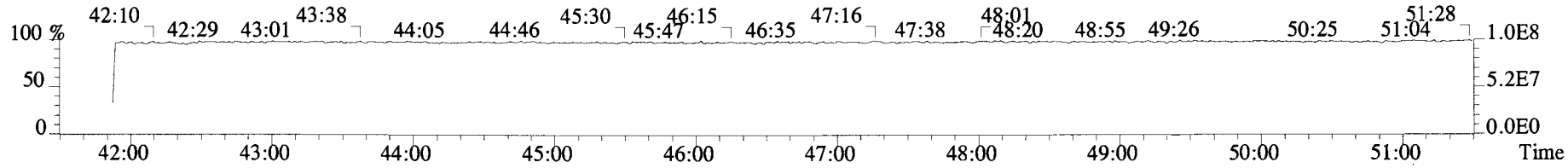
371.8817 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1980.0,0.00%,F,F)



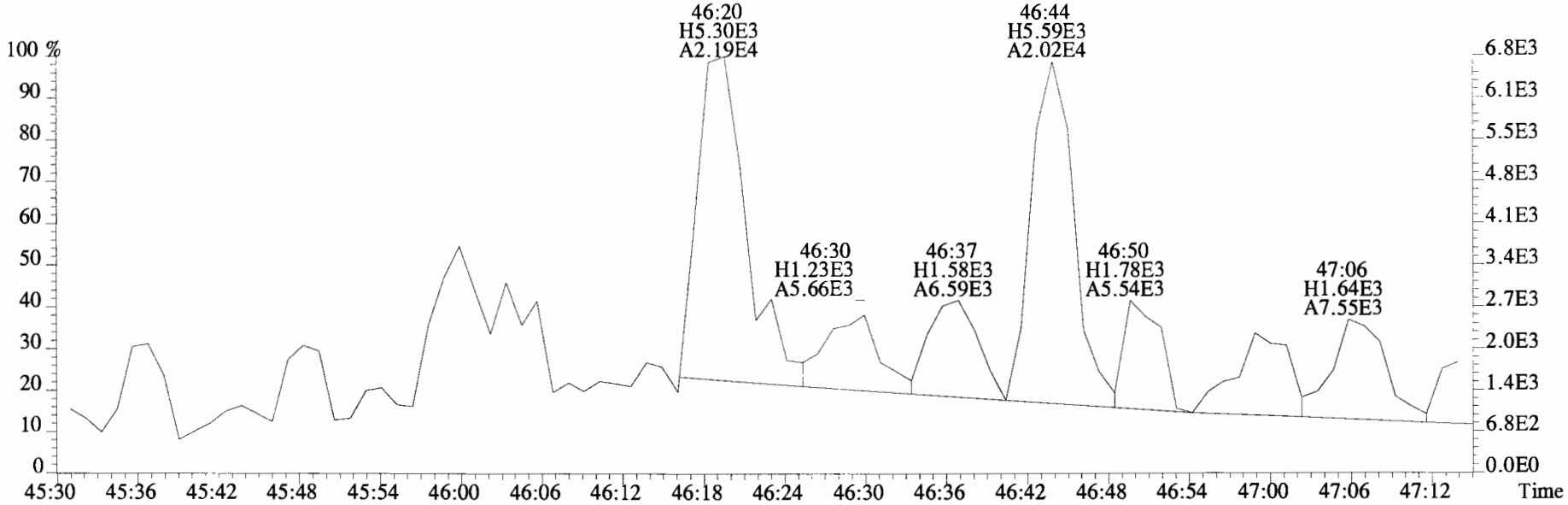
373.8788 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2392.0,0.00%,F,F)



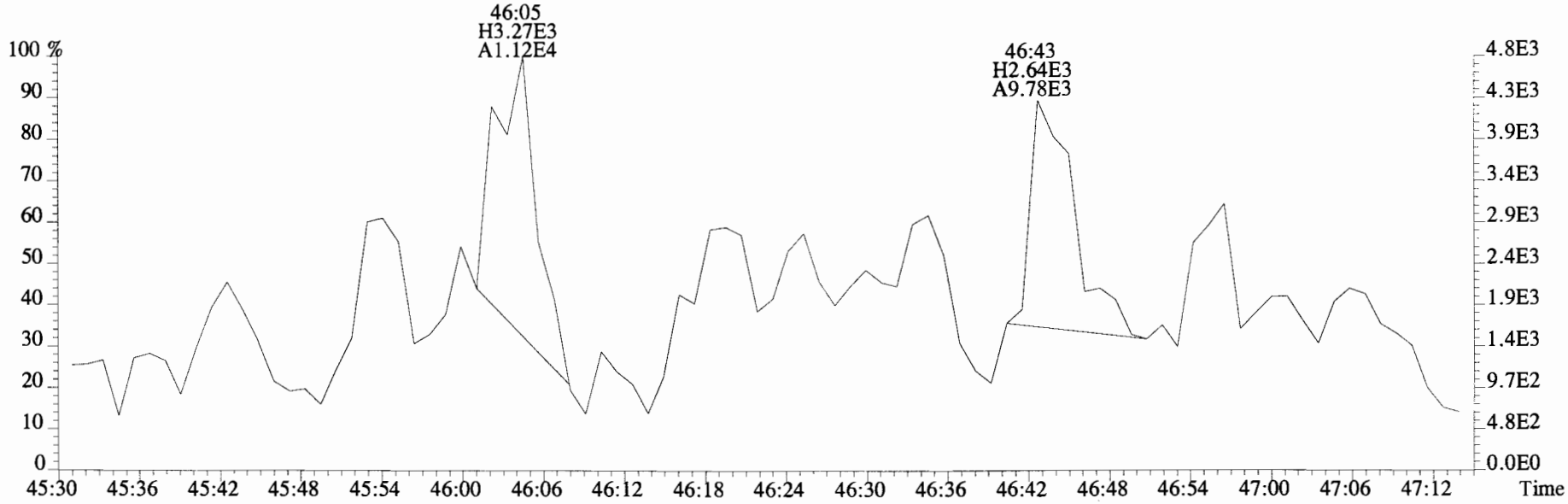
380.9760 S:12 F:4



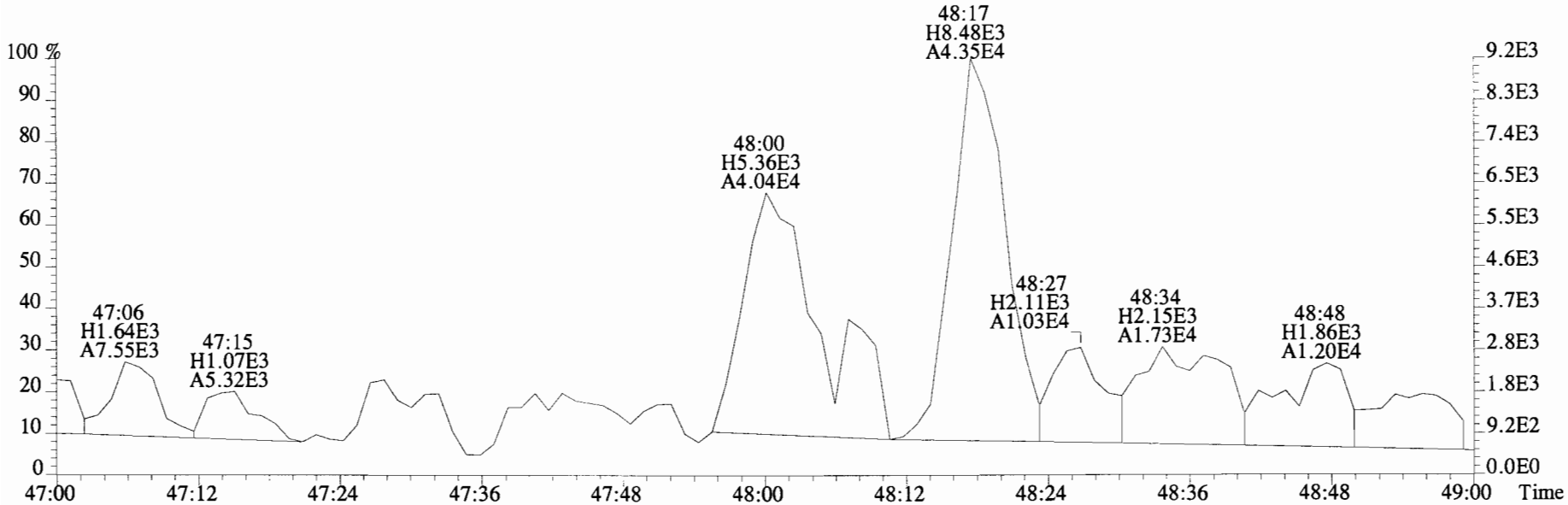
File:180314E1 #1-574 Acq:14-MAR-2018 23:41:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1980.0,0.00%,F,F)



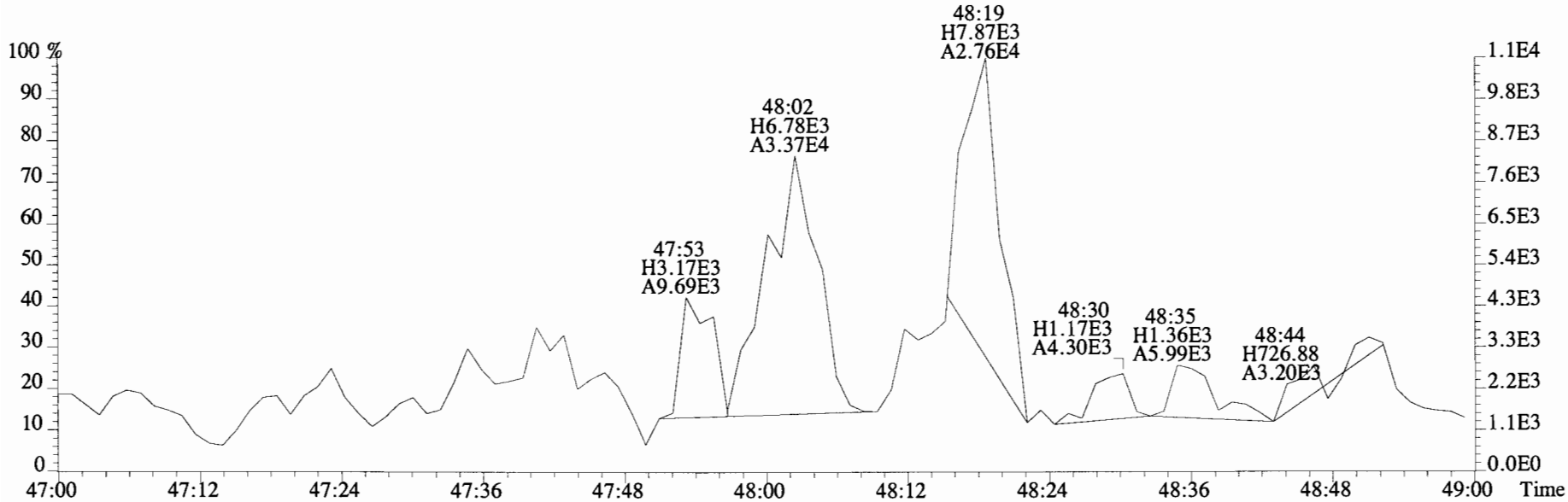
373.8788 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2392.0,0.00%,F,F)



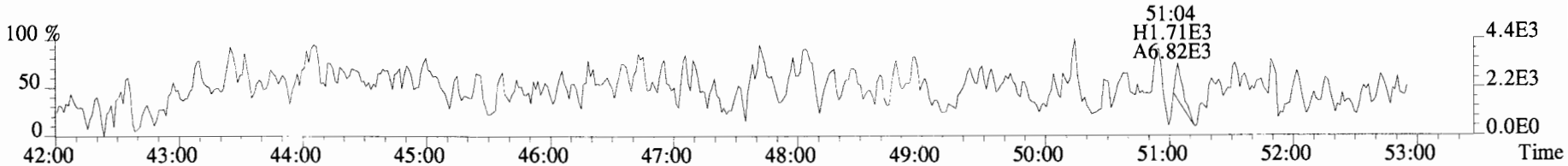
File:180314E1 #1-574 Acq:14-MAR-2018 23:41:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1980.0,0.00%,F,F)



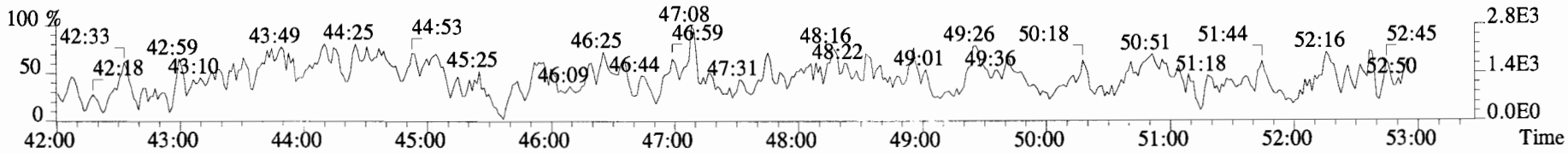
373.8788 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2392.0,0.00%,F,F)



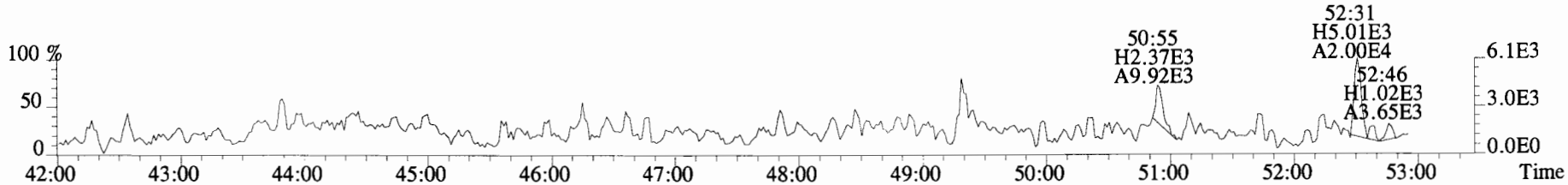
File:180314E1 #1-574 Acq:14-MAR-2018 23:41:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
393.8025 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2836.0,0.00%,F,F)



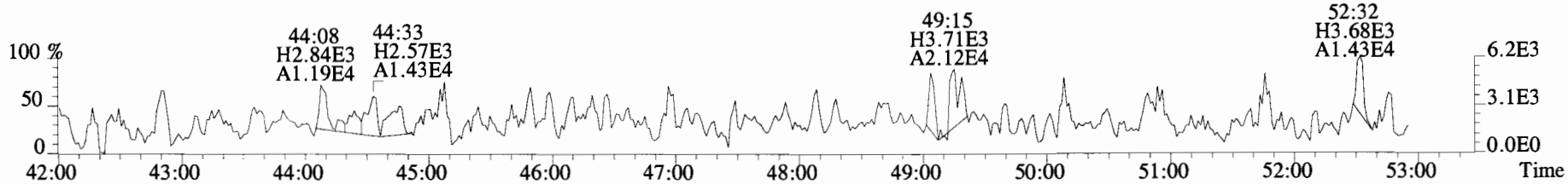
395.7995 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1616.0,0.00%,F,F)



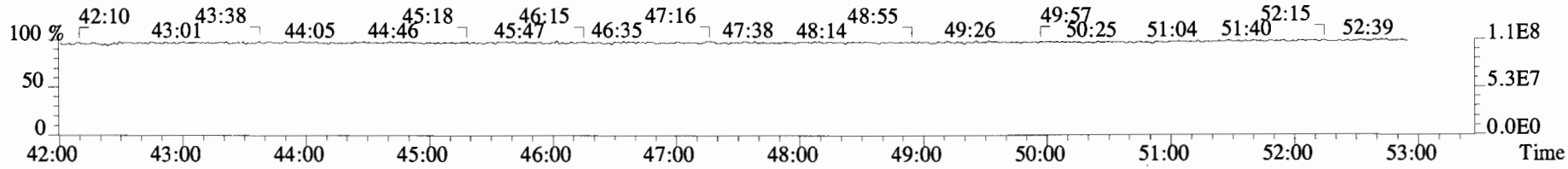
403.8457 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1908.0,0.00%,F,F)



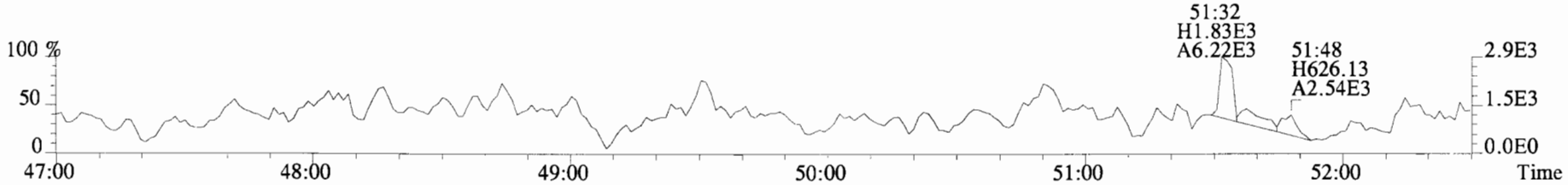
405.8428 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2632.0,0.00%,F,F)



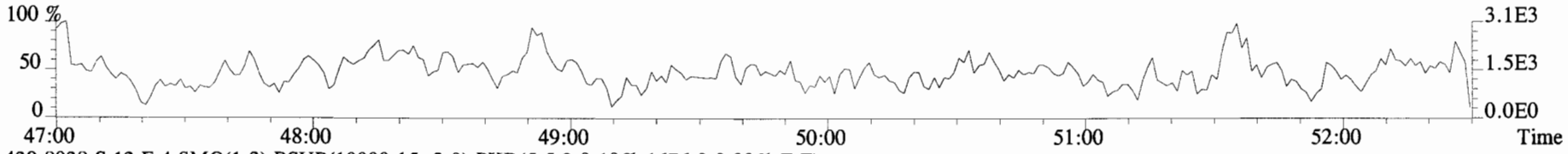
380.9760 S:12 F:4



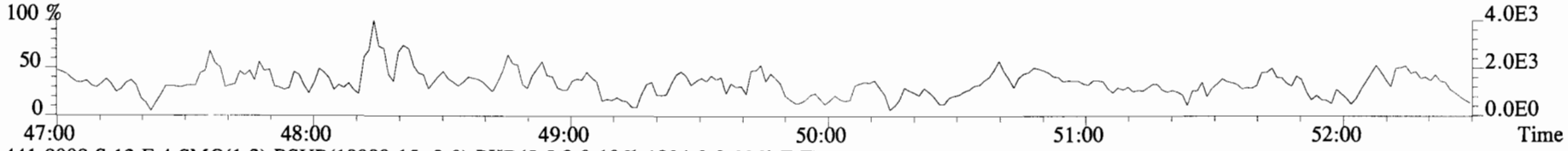
File:180314E1 #1-574 Acq:14-MAR-2018 23:41:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1504.0,0.00%,F,F)



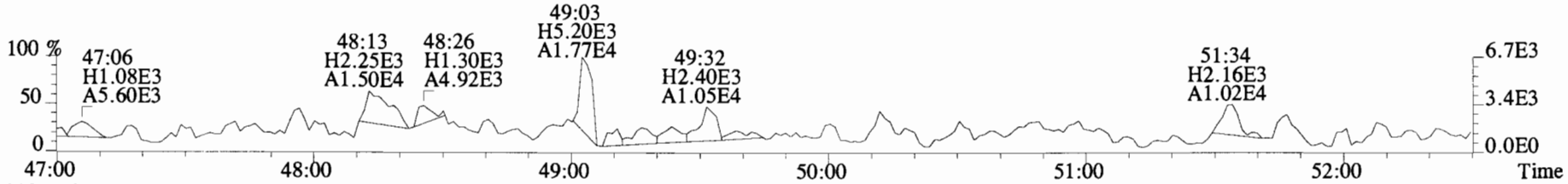
429.7606 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1860.0,0.00%,F,F)



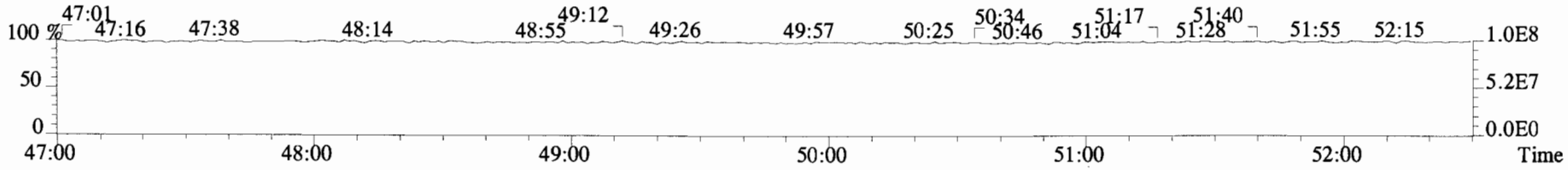
439.8038 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1676.0,0.00%,F,F)



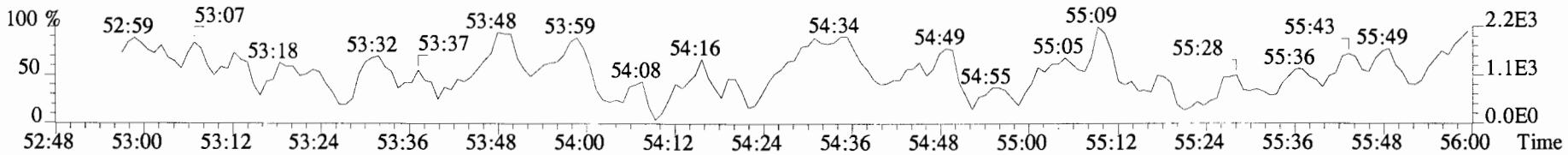
441.8008 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1804.0,0.00%,F,F)



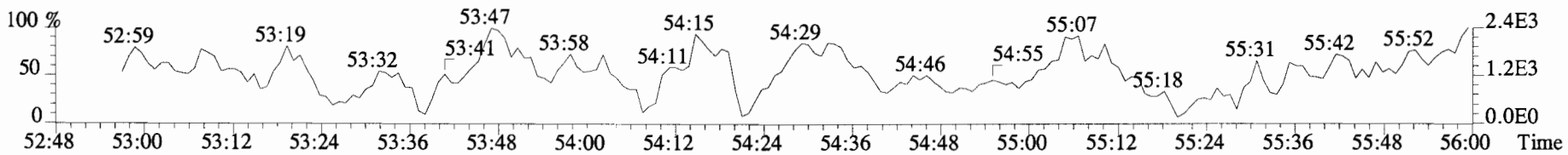
380.9760 S:12 F:4



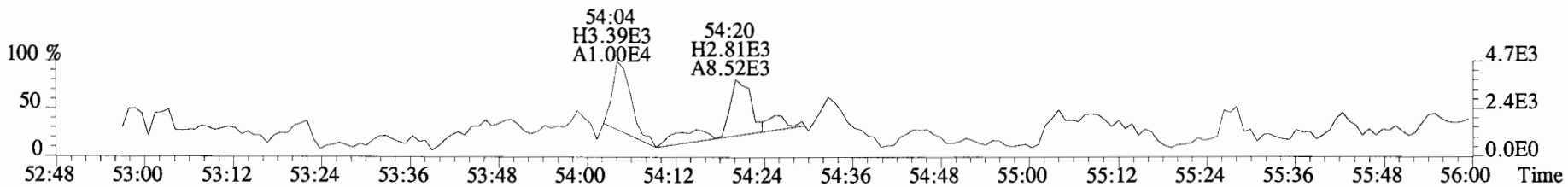
File:180314E1 #1-407 Acq:14-MAR-2018 23:41:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1492.0,0.00%,F,F)



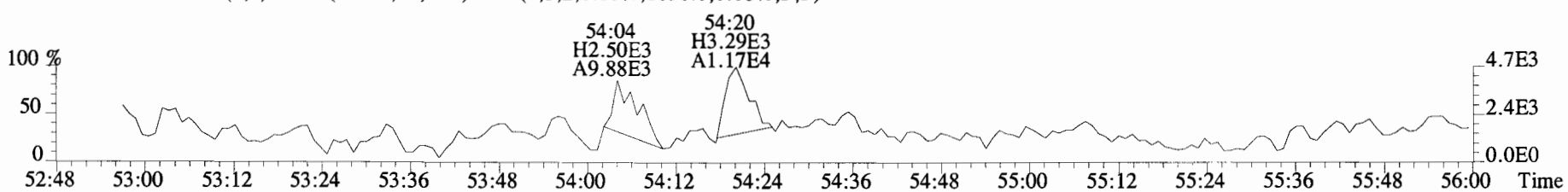
429.7606 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1628.0,0.00%,F,F)



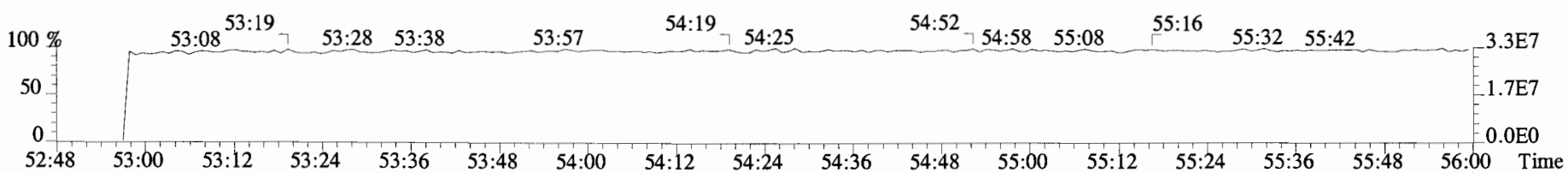
439.8038 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1532.0,0.00%,F,F)



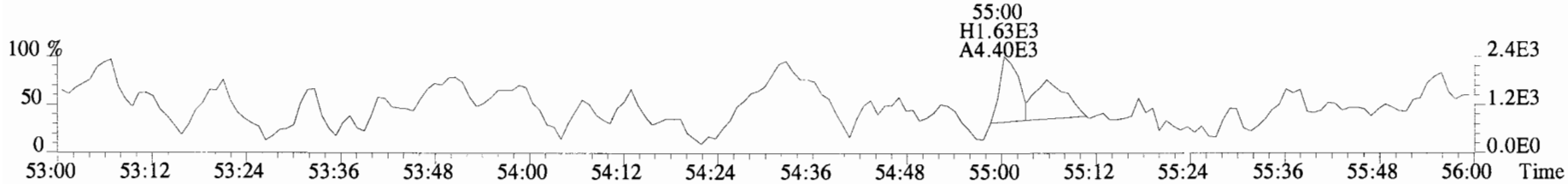
441.8008 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1836.0,0.00%,F,F)



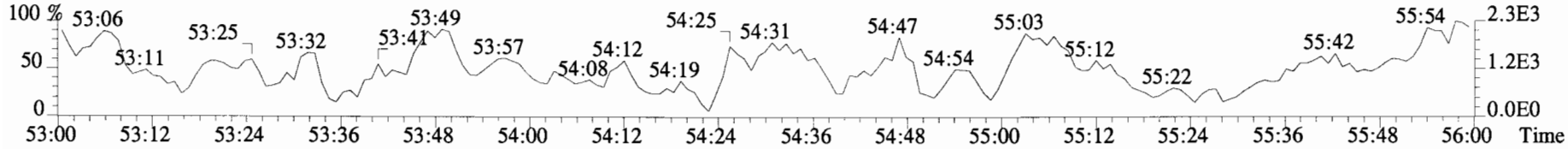
492.9697 S:12 F:5



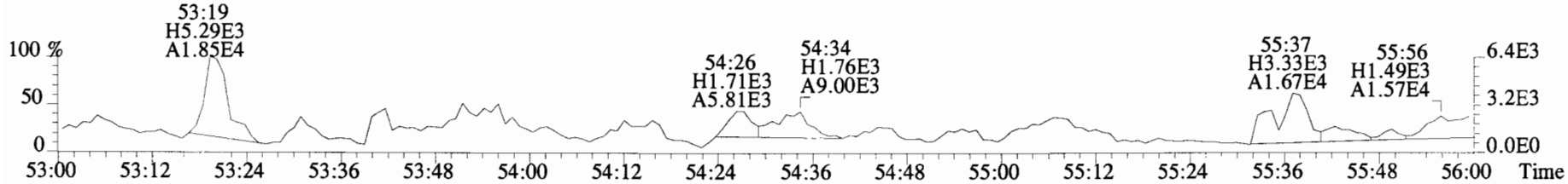
File:180314E1 #1-407 Acq:14-MAR-2018 23:41:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
463.7216 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1528.0,0.00%,F,F)



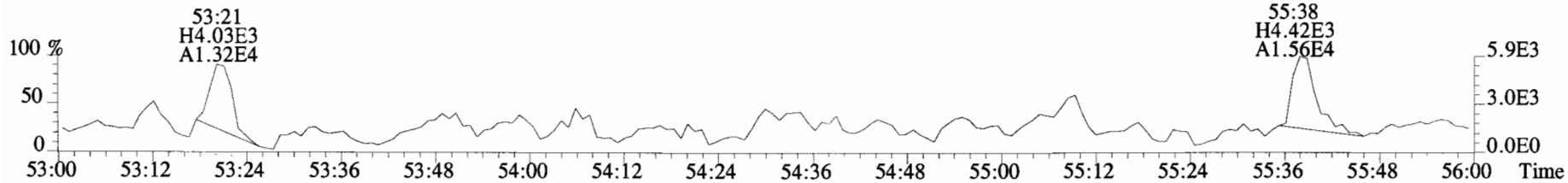
465.7186 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1420.0,0.00%,F,F)



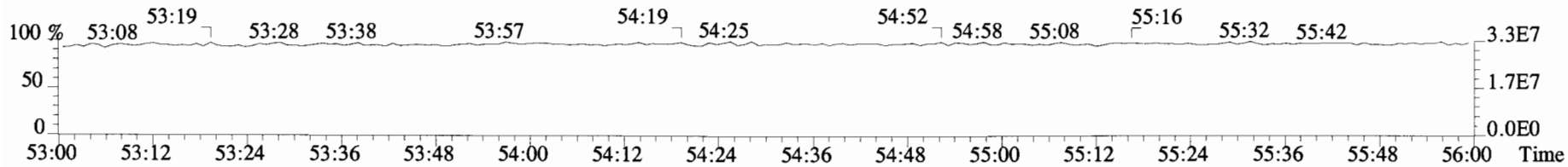
473.7648 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1848.0,0.00%,F,F)



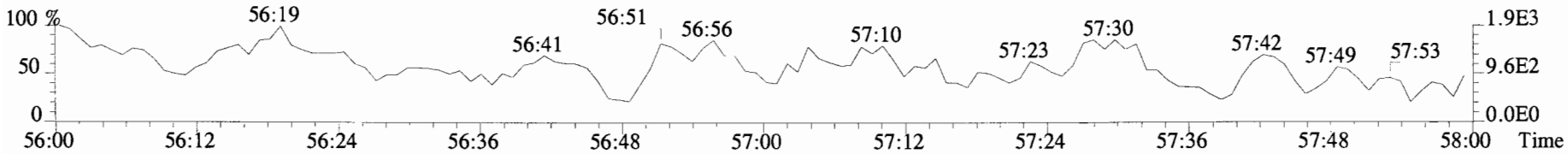
475.7619 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1924.0,0.00%,F,F)



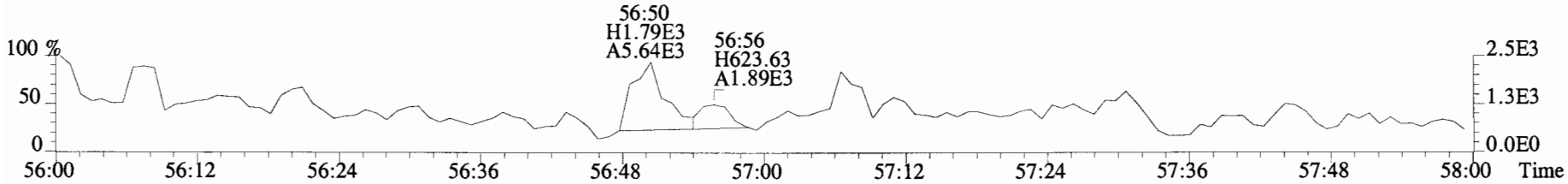
492.9697 S:12 F:5



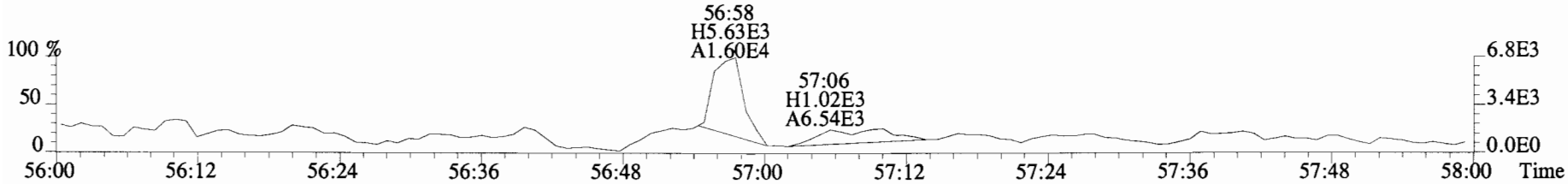
File:180314E1 #1-407 Acq:14-MAR-2018 23:41:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
497.6826 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1468.0,0.00%,F,F)



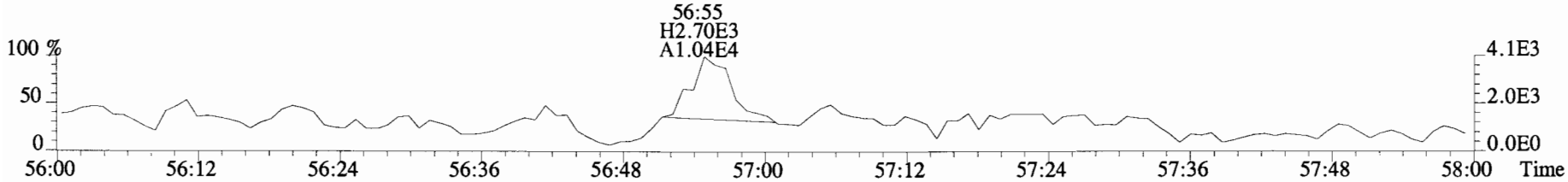
499.6797 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1396.0,0.00%,F,F)



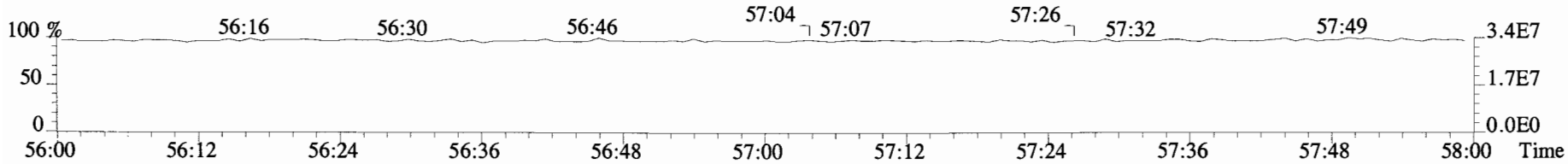
509.7229 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1544.0,0.00%,F,F)



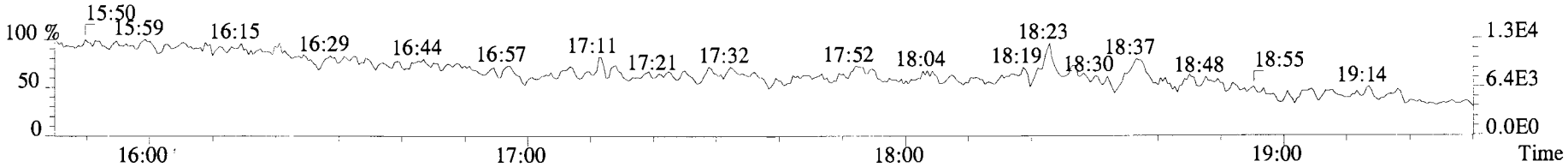
511.7199 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1692.0,0.00%,F,F)



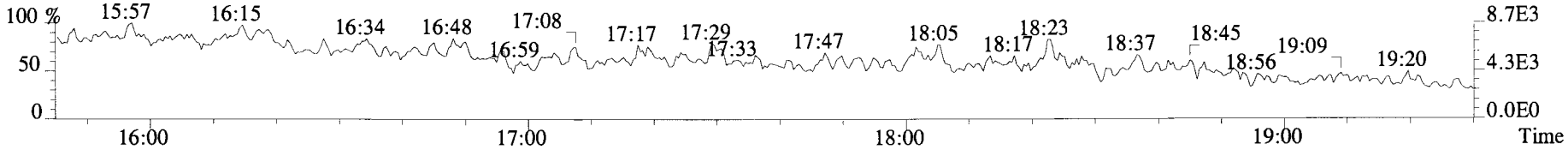
492.9697 S:12 F:5



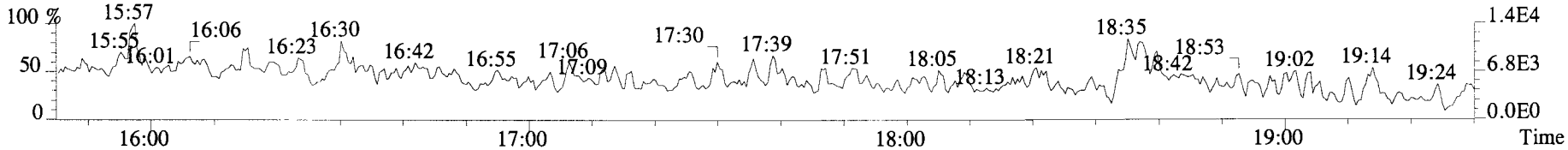
File:180315E1 #1-867 Acq:15-MAR-2018 10:34:05 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
188.0393 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10144.0,0.00%,F,F)



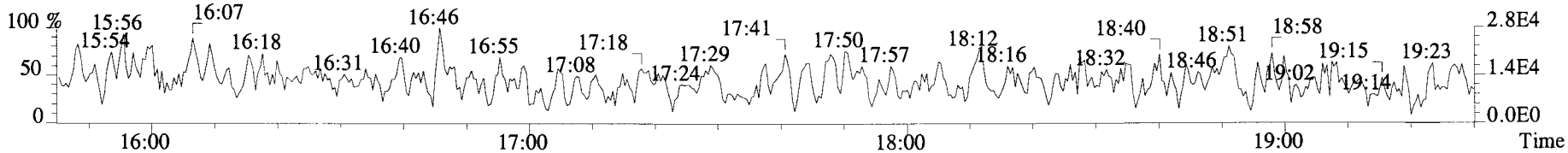
190.0363 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6632.0,0.00%,F,F)



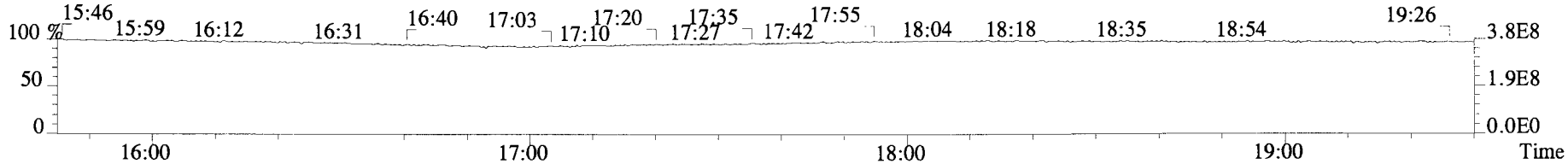
200.0795 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7112.0,0.00%,F,F)



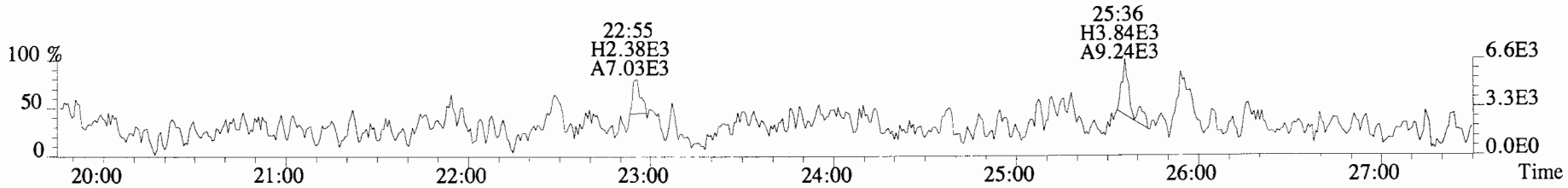
202.0766 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15652.0,0.00%,F,F)



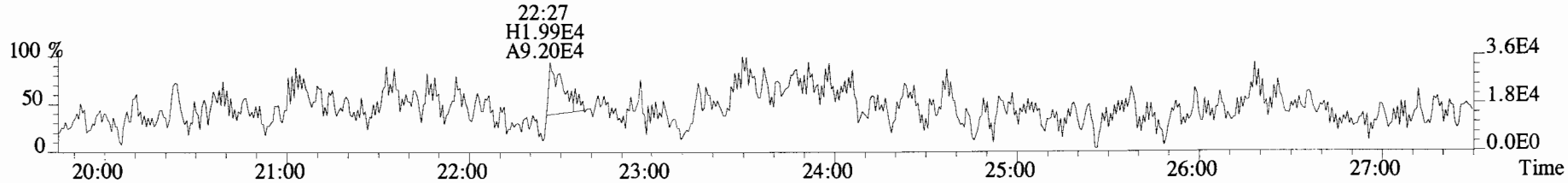
180.9880 S:2



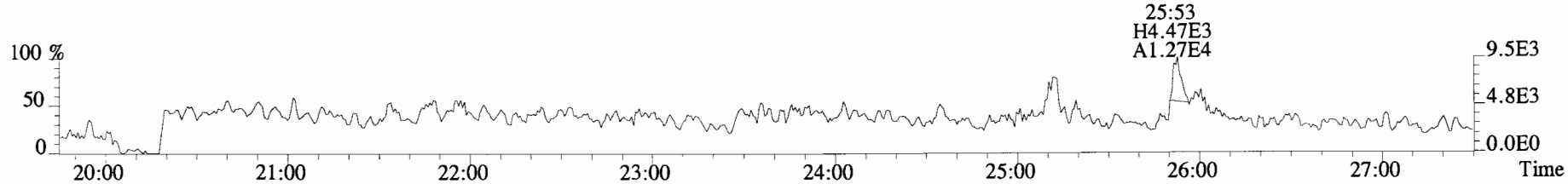
File:180315EI #1-757 Acq:15-MAR-2018 10:34:05 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
222.0003 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2648.0,0.00%,F,F)



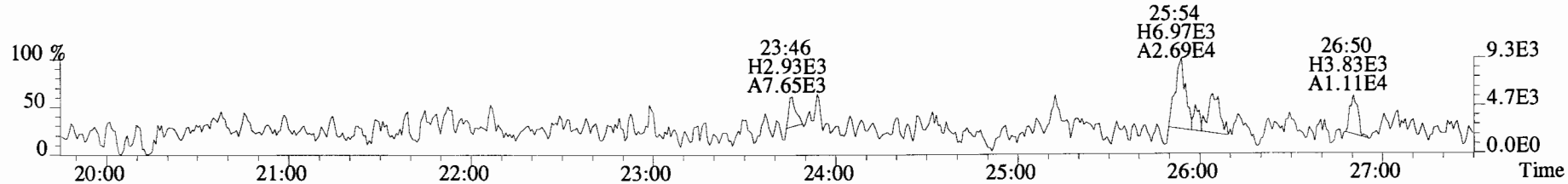
223.9974 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20588.0,0.00%,F,F)



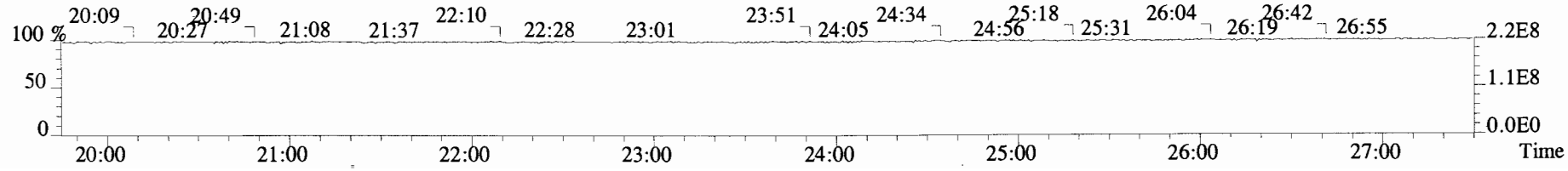
234.0406 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4656.0,0.00%,F,F)



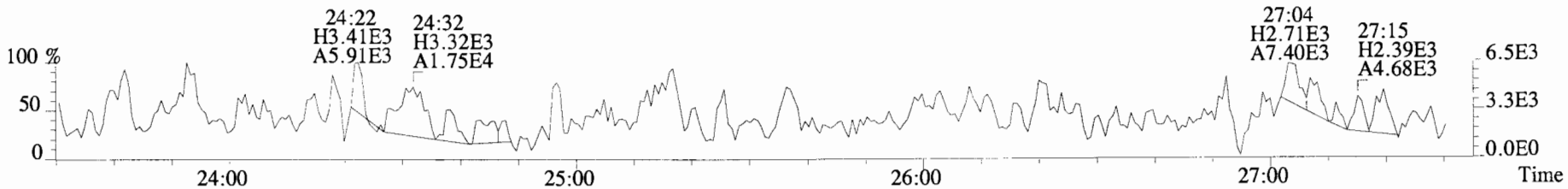
236.0376 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3168.0,0.00%,F,F)



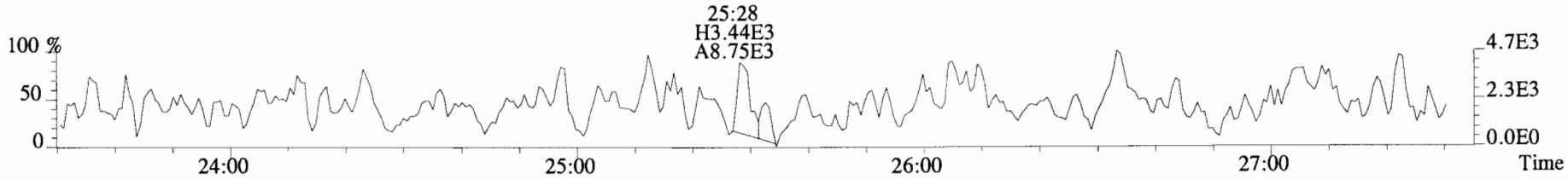
230.9856 S:2 F:2



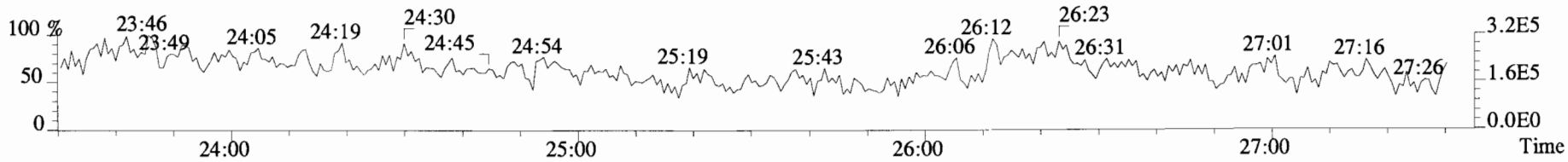
File:180315E1 #1-757 Acq:15-MAR-2018 10:34:05 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3584.0,0.00%,F,F)



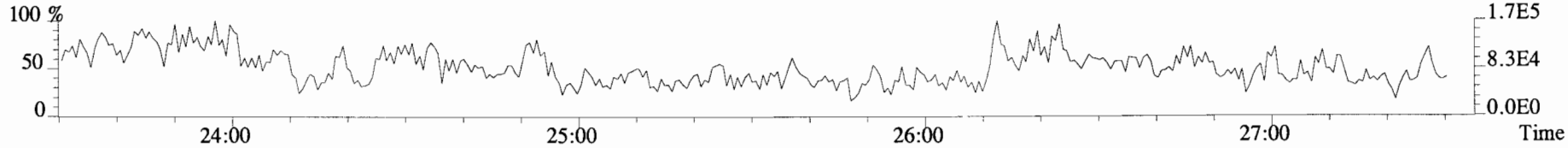
257.9584 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2568.0,0.00%,F,F)



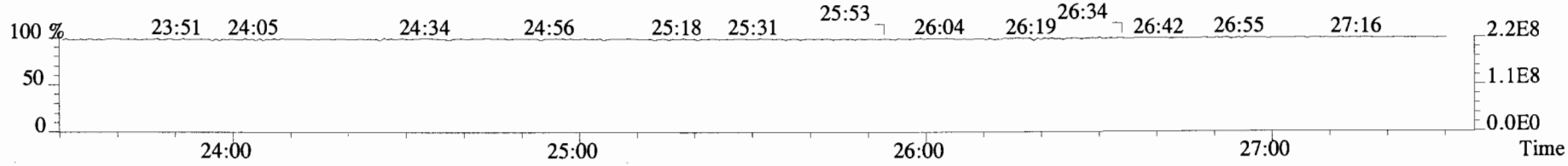
268.0016 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,260368.0,0.00%,F,F)



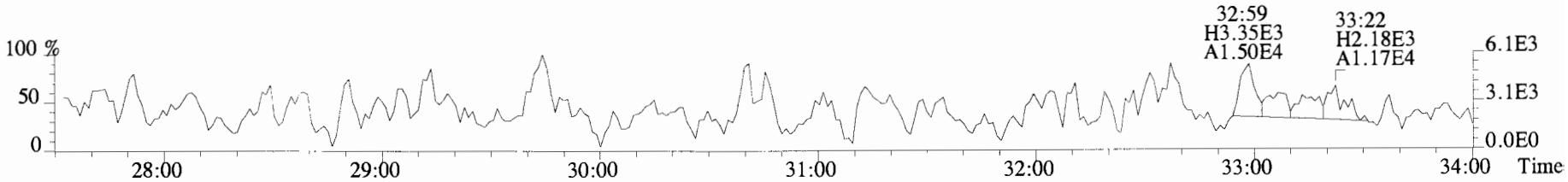
269.9986 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,110732.0,0.00%,F,F)



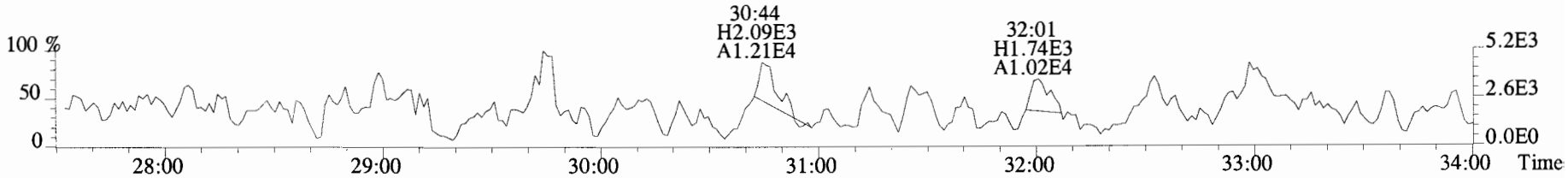
230.9856 S:2 F:2



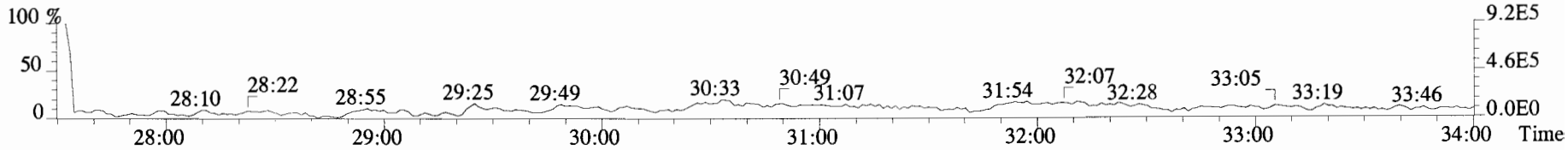
File:180315E1 #1-756 Acq:15-MAR-2018 10:34:05 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3248.0,0.00%,F,F)



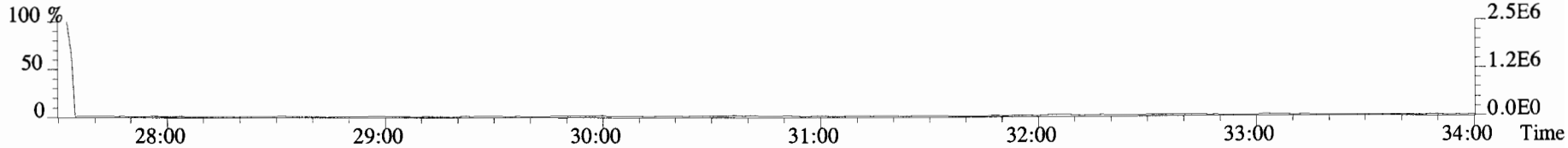
257.9584 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2456.0,0.00%,F,F)



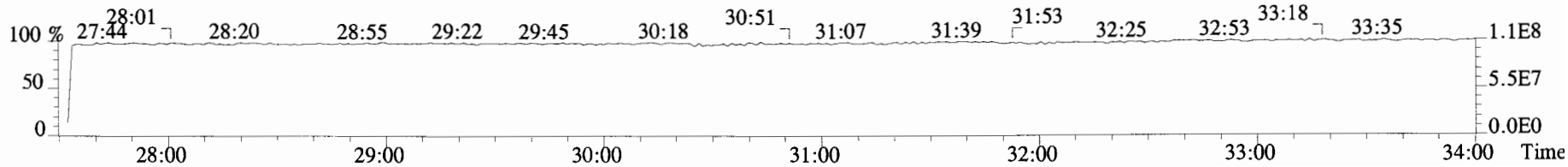
268.0016 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,106176.0,0.00%,F,F)



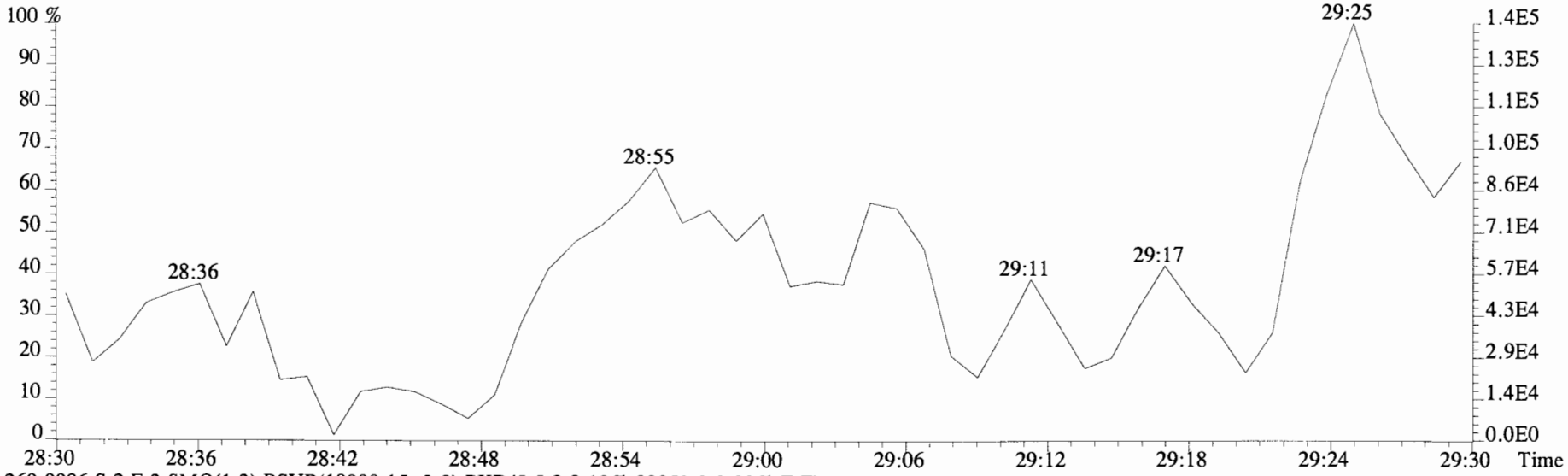
269.9986 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,30052.0,0.00%,F,F)



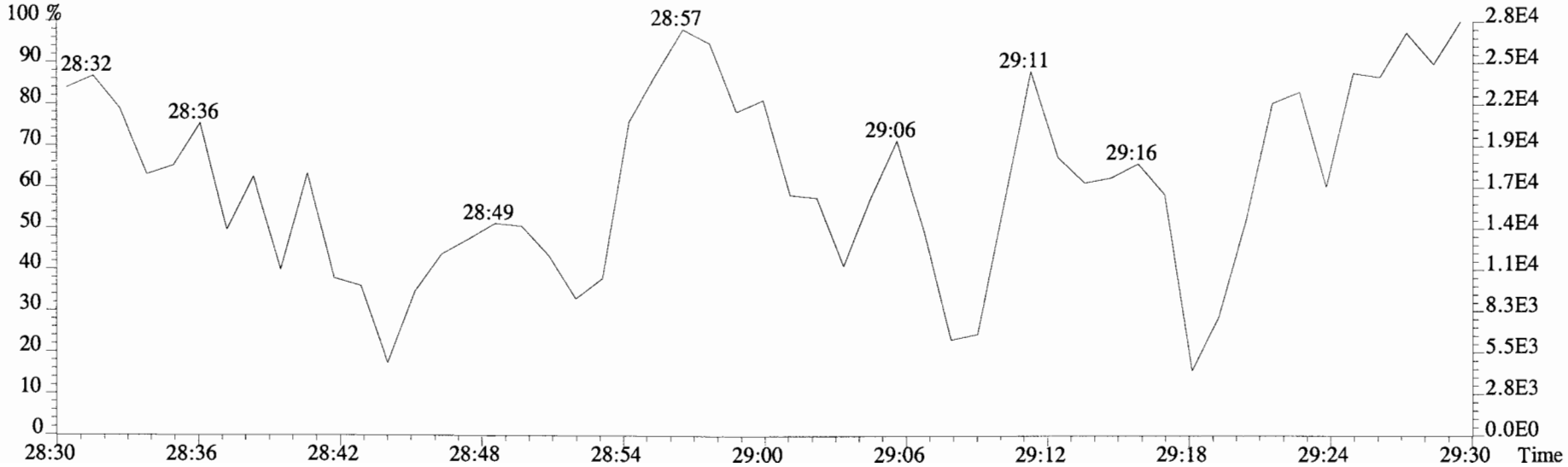
330.9792 S:2 F:3



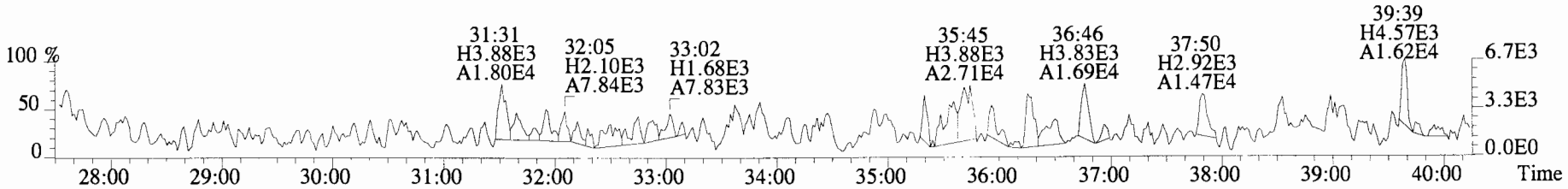
File:180315E1 #1-756 Acq:15-MAR-2018 10:34:05 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
268.0016 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,106176.0,0.00%,F,F)



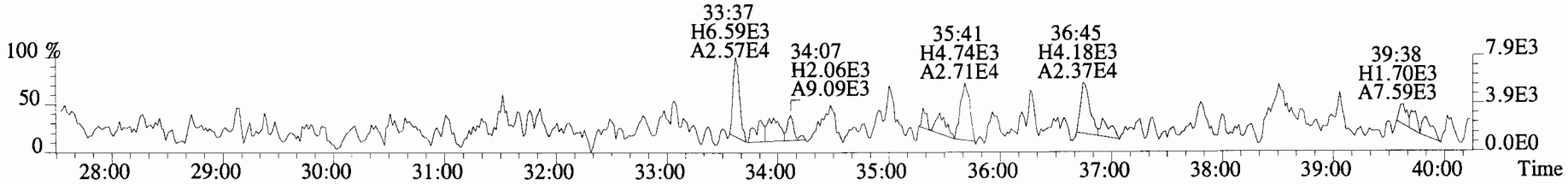
269.9986 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,30052.0,0.00%,F,F)



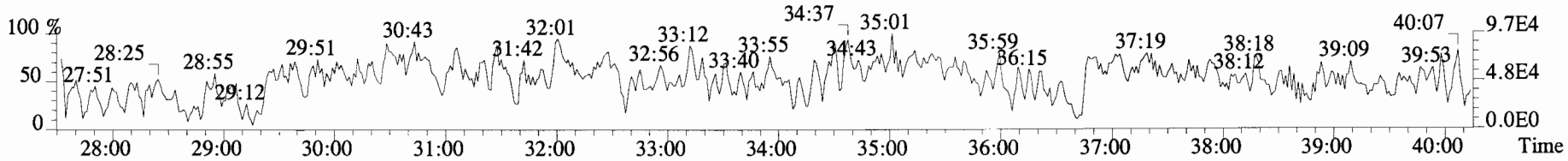
File:180315E1 #1-756 Acq:15-MAR-2018 10:34:05 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2184.0,0.00%,F,F)



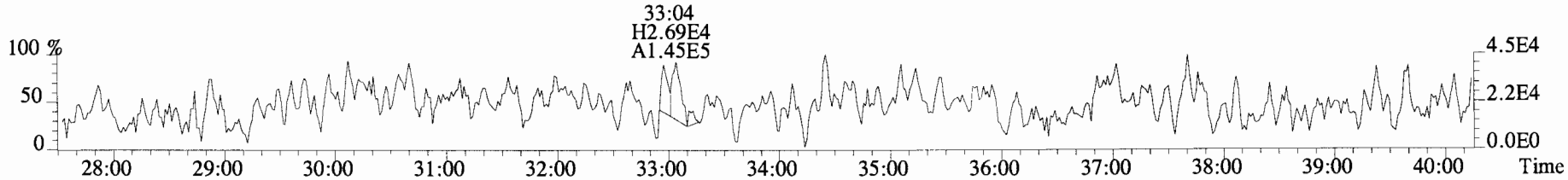
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2416.0,0.00%,F,F)



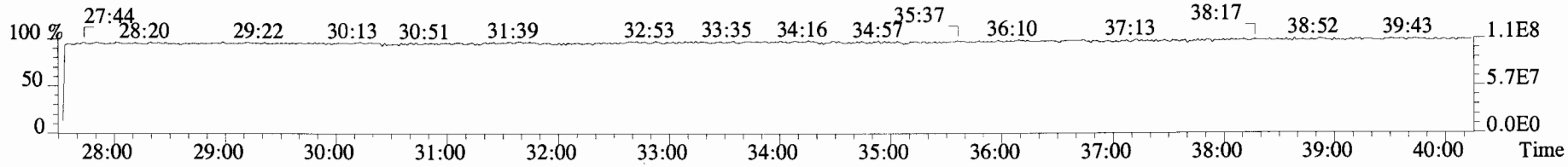
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,65928.0,0.00%,F,F)



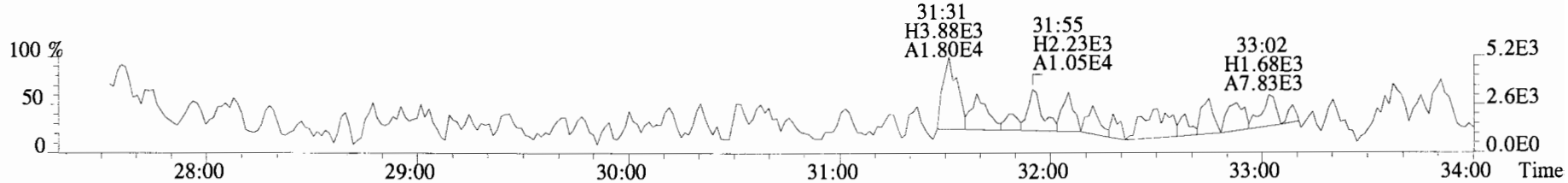
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27900.0,0.00%,F,F)



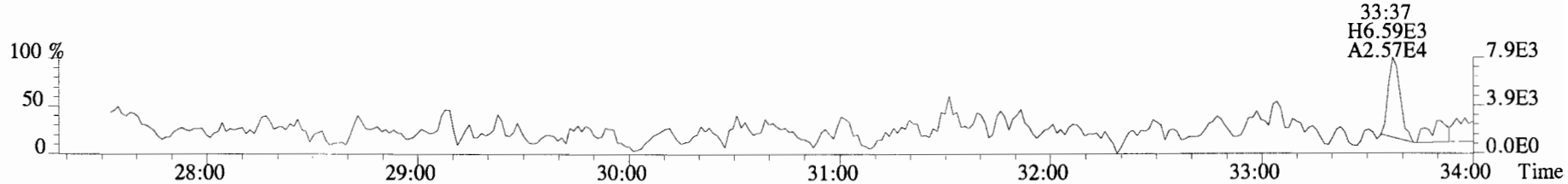
330.9792 S:2 F:3



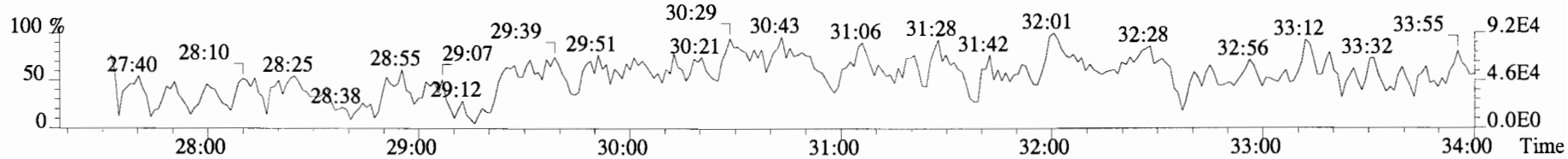
File:180315E1 #1-756 Acq:15-MAR-2018 10:34:05 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2184.0,0.00%,F,F)



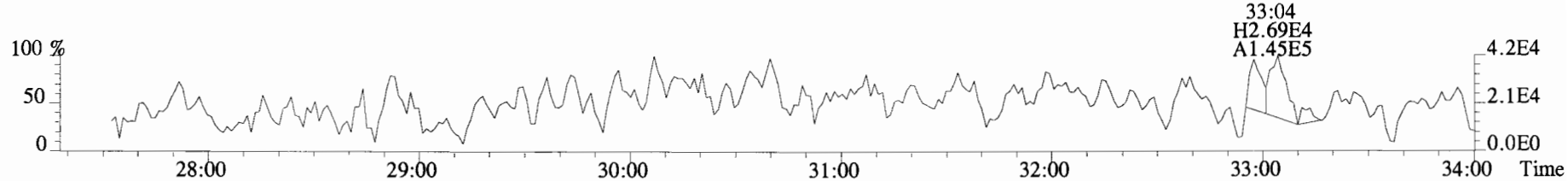
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2416.0,0.00%,F,F)



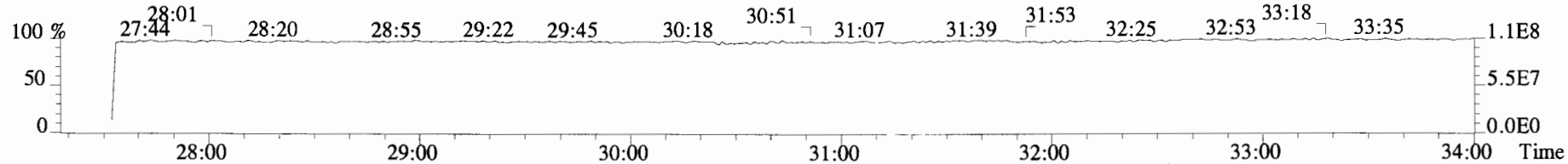
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,65928.0,0.00%,F,F)



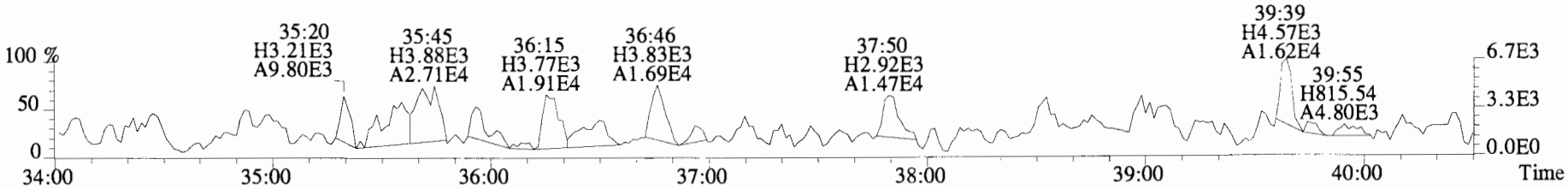
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27900.0,0.00%,F,F)



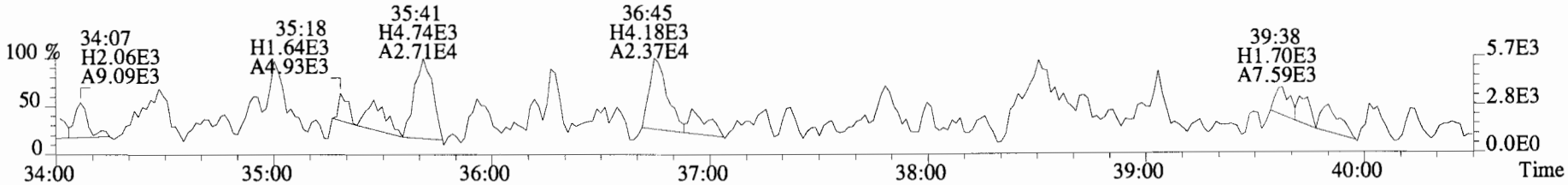
330.9792 S:2 F:3



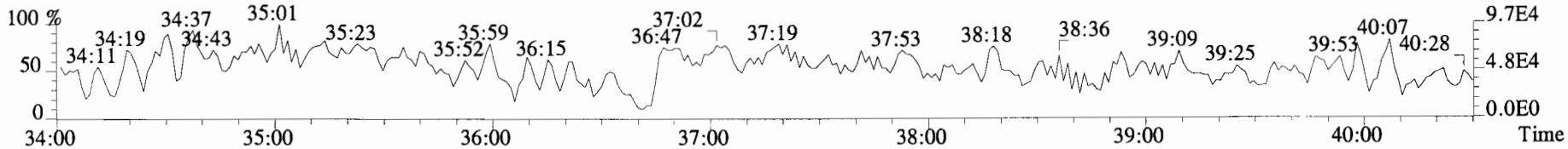
File:180315E1 #1-756 Acq:15-MAR-2018 10:34:05 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2184.0,0.00%,F,F)



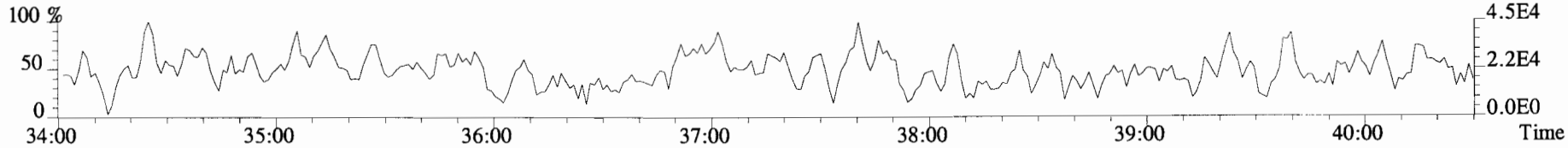
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2416.0,0.00%,F,F)



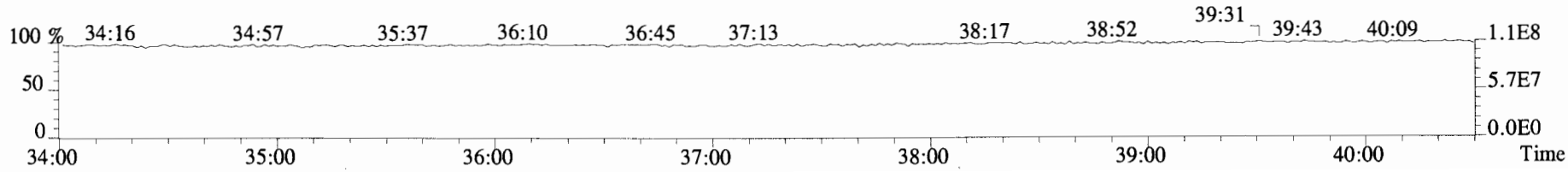
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,65928.0,0.00%,F,F)



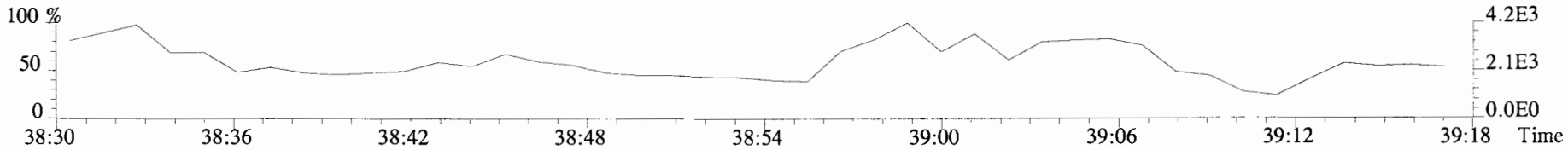
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27900.0,0.00%,F,F)



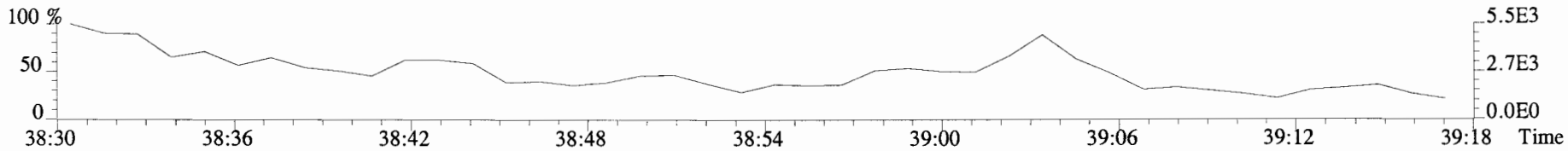
330.9792 S:2 F:3



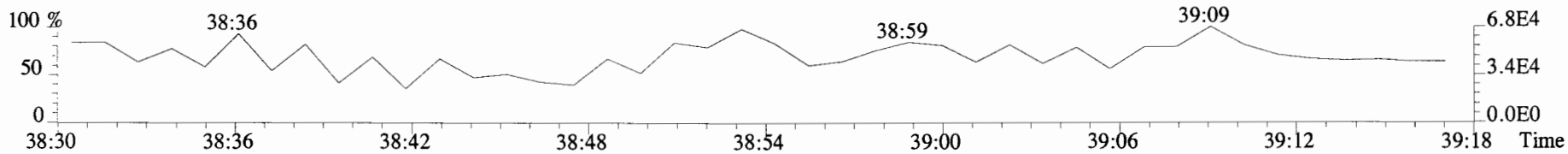
File:180315E1 #1-756 Acq:15-MAR-2018 10:34:05 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2184.0,0.00%,F,F)



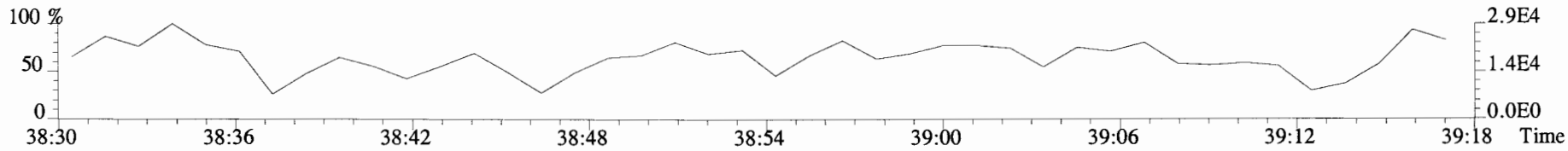
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2416.0,0.00%,F,F)



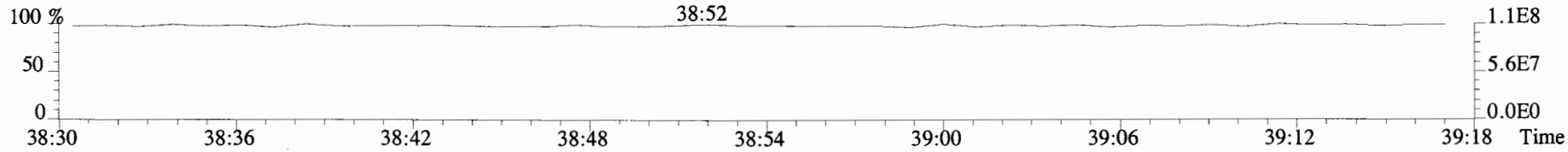
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,65928.0,0.00%,F,F)



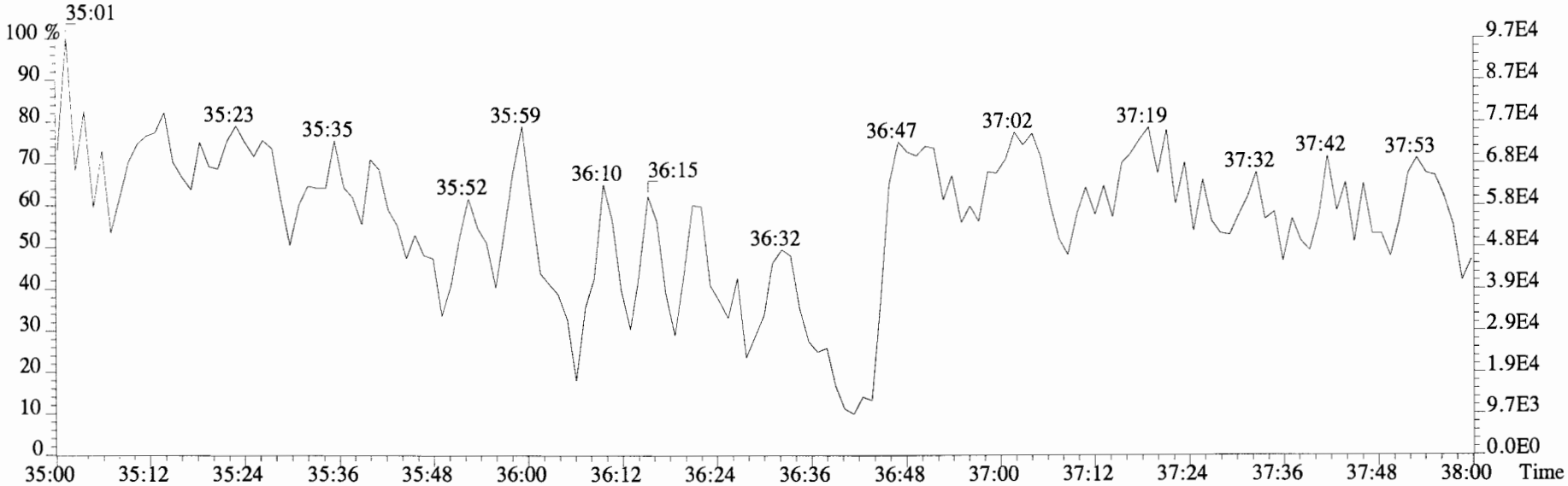
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27900.0,0.00%,F,F)



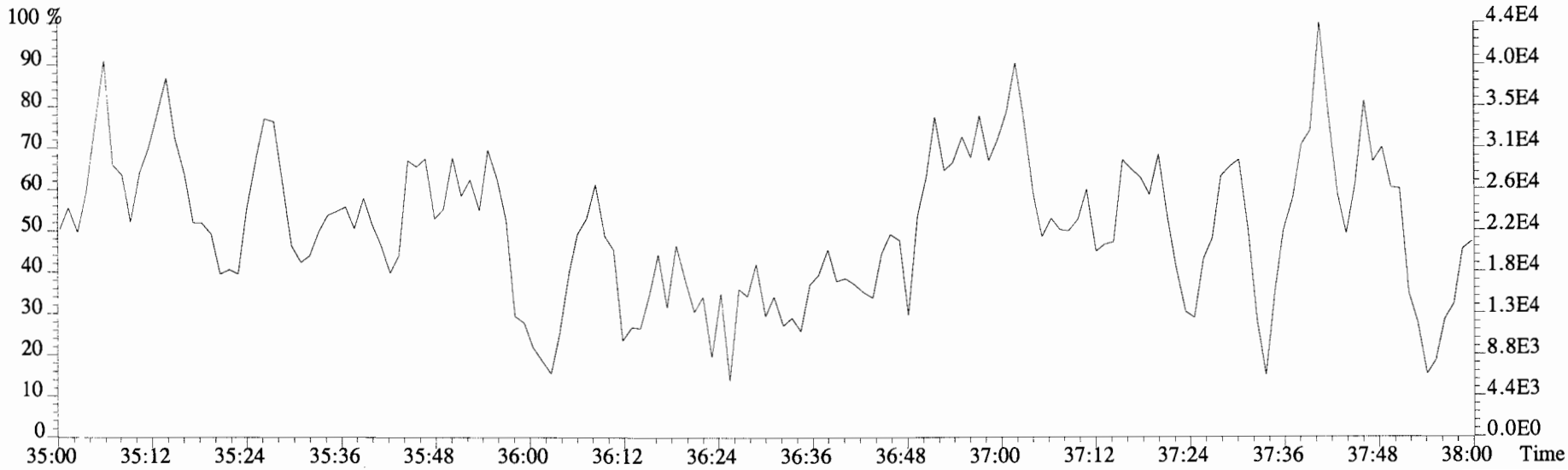
330.9792 S:2 F:3



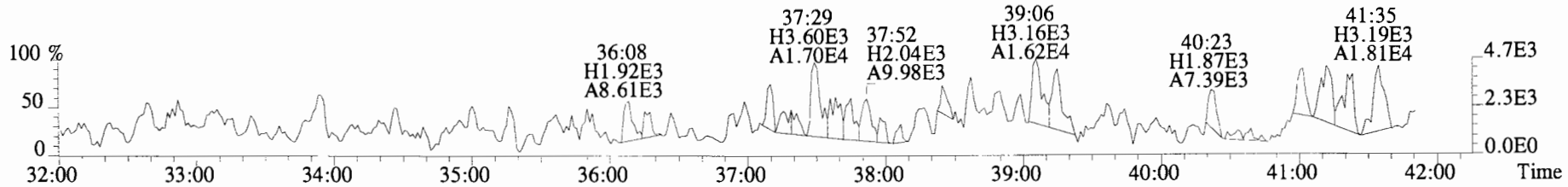
File:180315E1 #1-756 Acq:15-MAR-2018 10:34:05 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,65928.0,0.00%,F,F)



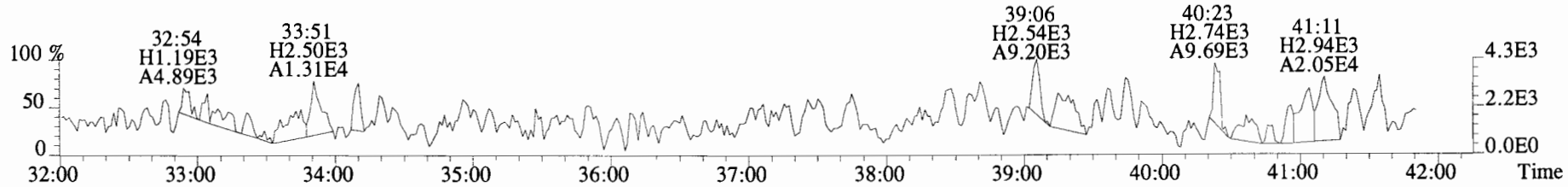
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27900.0,0.00%,F,F)



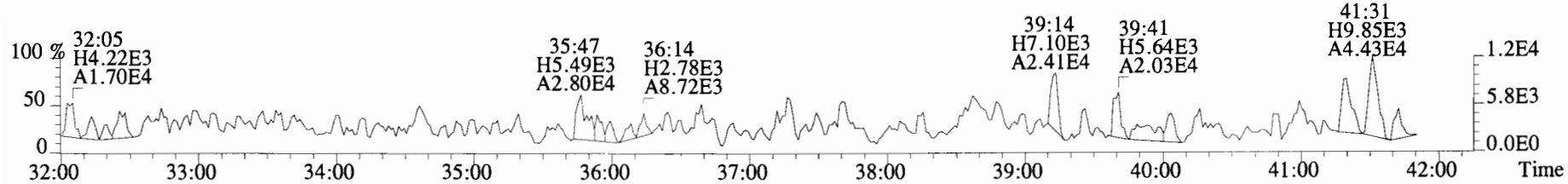
File:180315E1 #1-756 Acq:15-MAR-2018 10:34:05 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1792.0,0.00%,F,F)



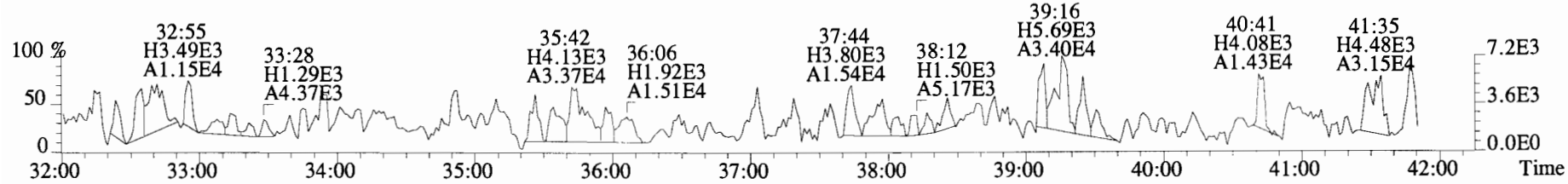
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



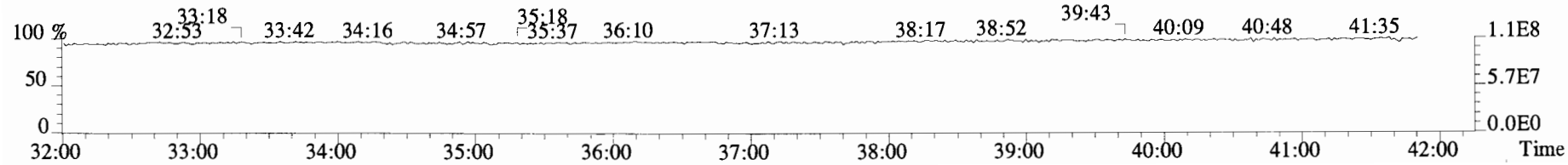
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4088.0,0.00%,F,F)



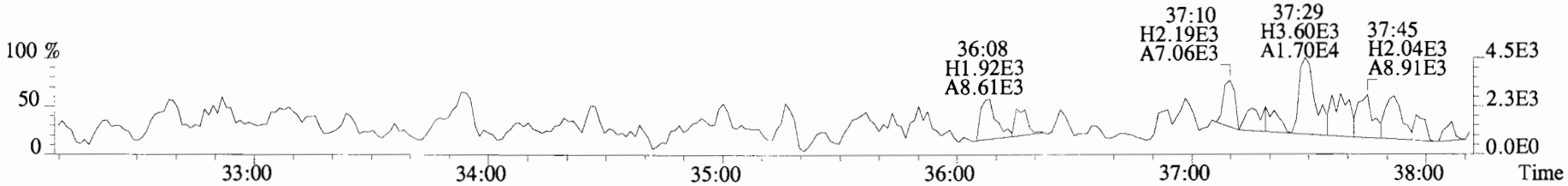
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2756.0,0.00%,F,F)



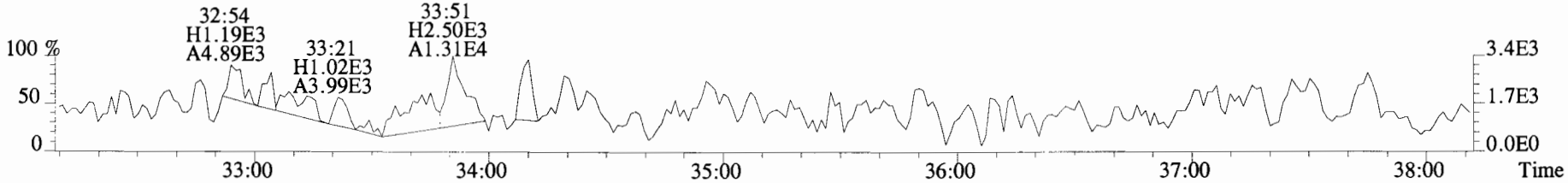
330.9792 S:2 F:3



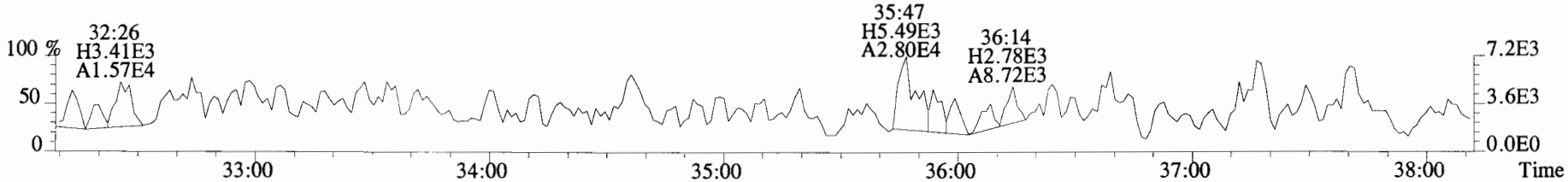
File:180315E1 #1-756 Acq:15-MAR-2018 10:34:05 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1792.0,0.00%,F,F)



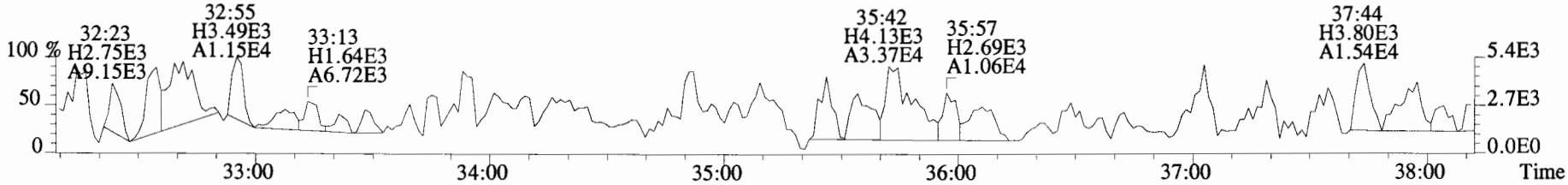
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



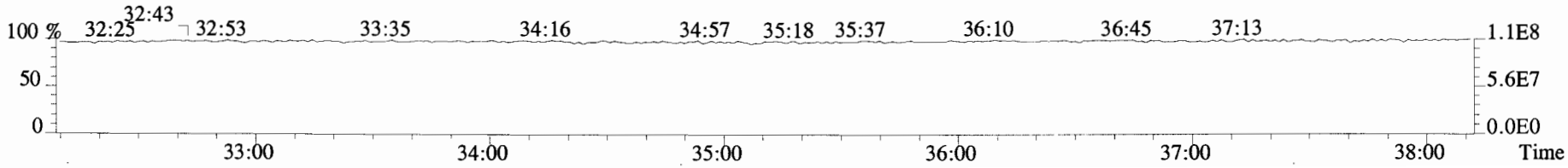
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4088.0,0.00%,F,F)



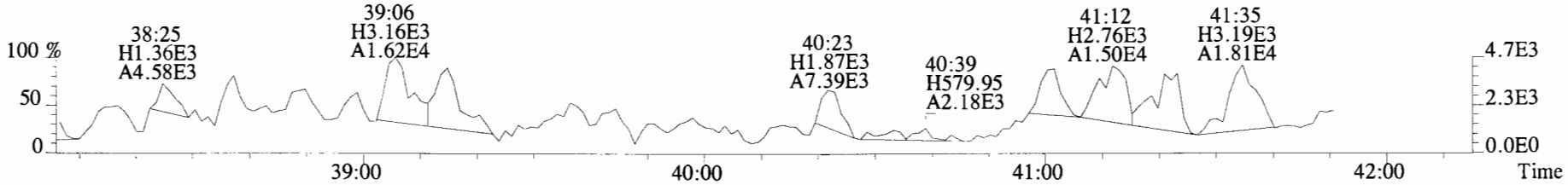
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2756.0,0.00%,F,F)



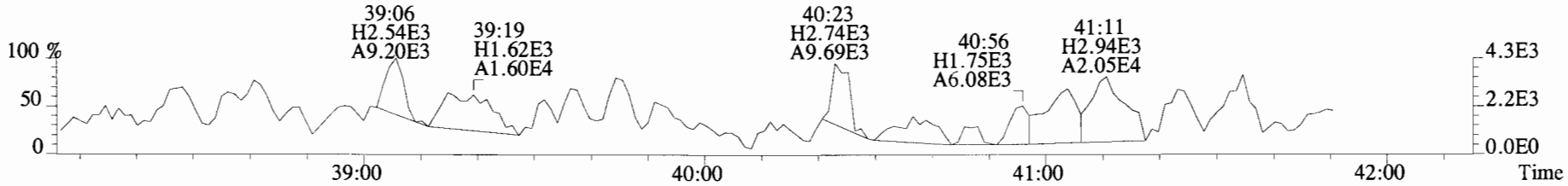
330.9792 S:2 F:3



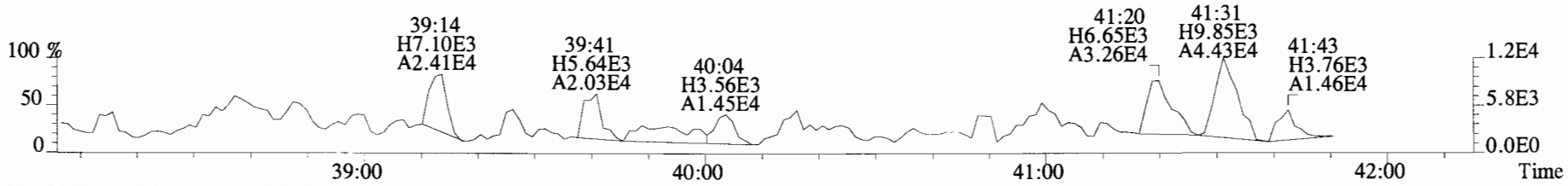
File:180315E1 #1-756 Acq:15-MAR-2018 10:34:05 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1792.0,0.00%,F,F)



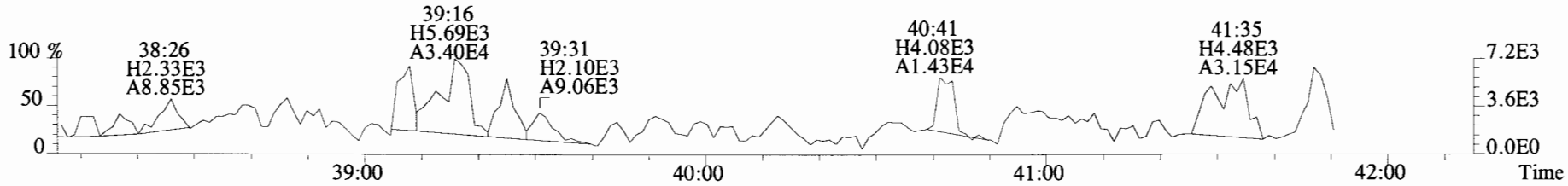
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



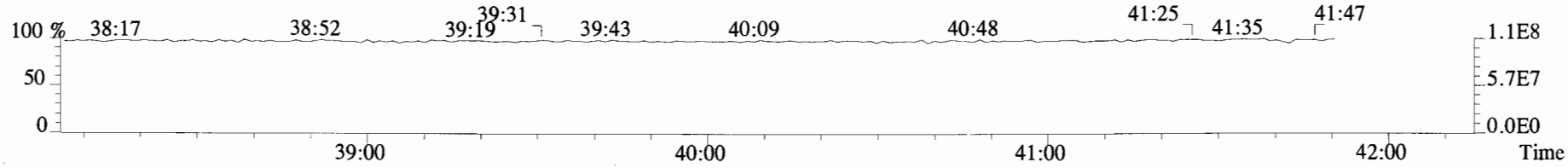
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4088.0,0.00%,F,F)



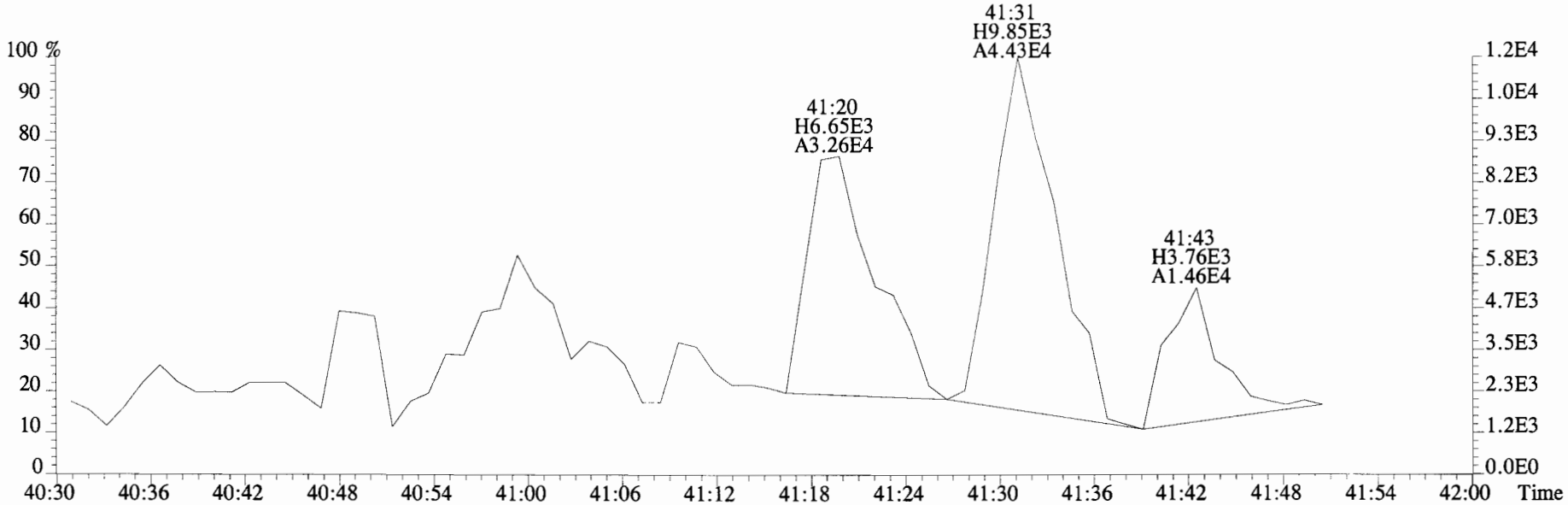
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2756.0,0.00%,F,F)



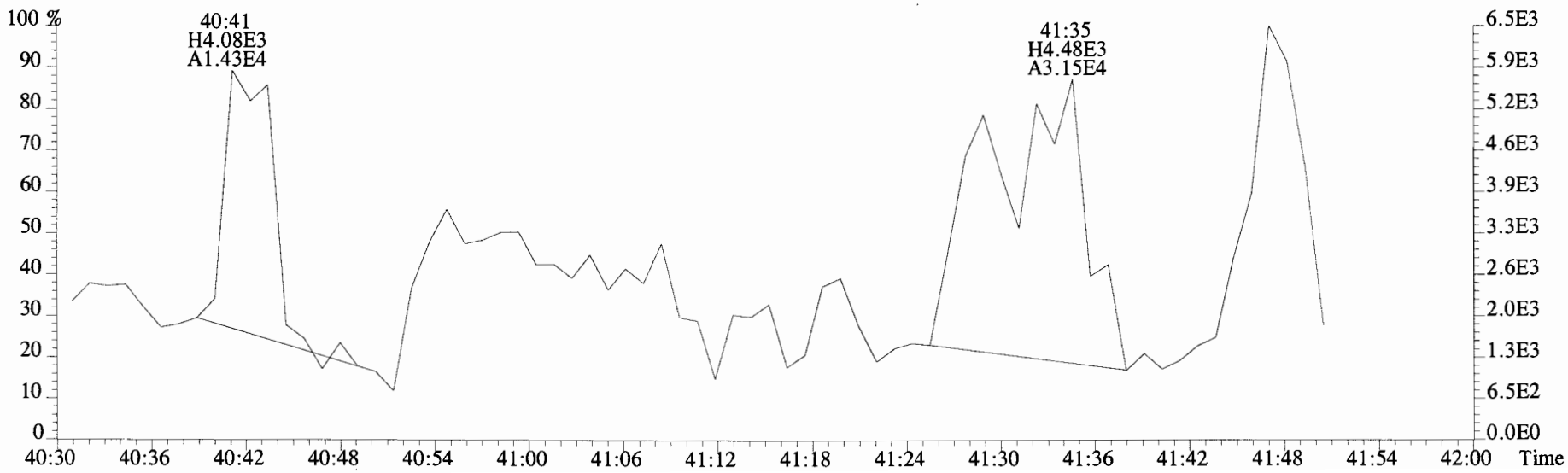
330.9792 S:2 F:3



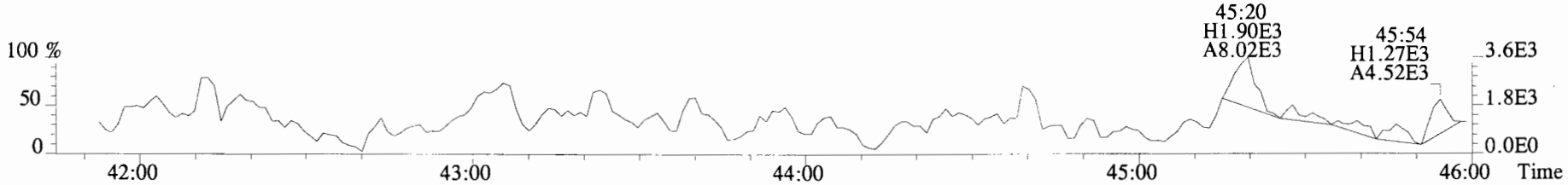
File:180315E1 #1-756 Acq:15-MAR-2018 10:34:05 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4088.0,0.00%,F,F)



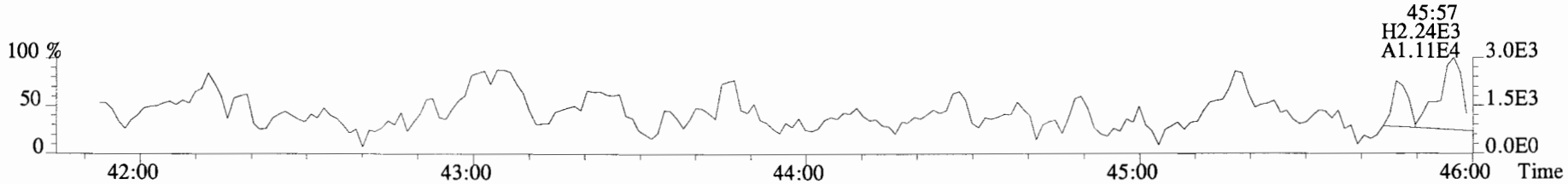
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2756.0,0.00%,F,F)



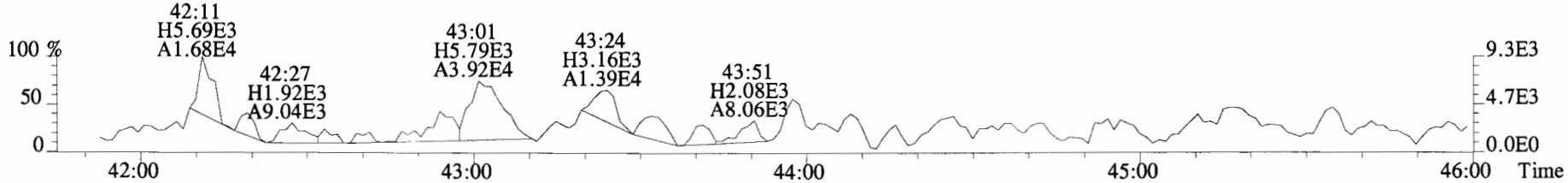
File:180315E1 #1-574 Acq:15-MAR-2018 10:34:05 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1668.0,0.00%,F,F)



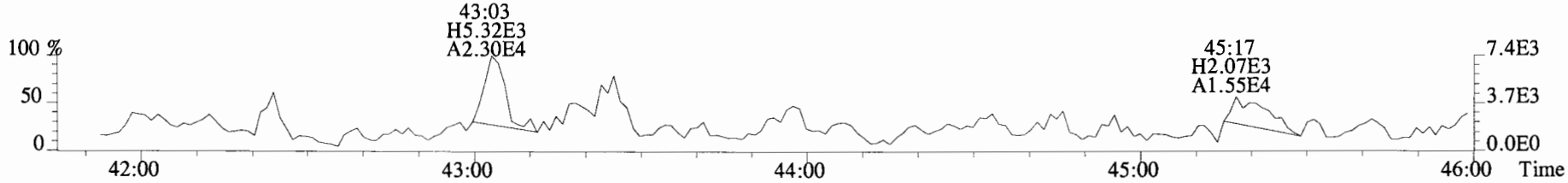
327.8775 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1600.0,0.00%,F,F)



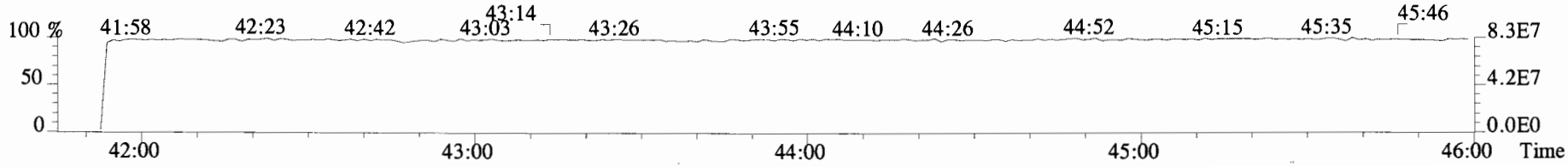
337.9207 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2820.0,0.00%,F,F)



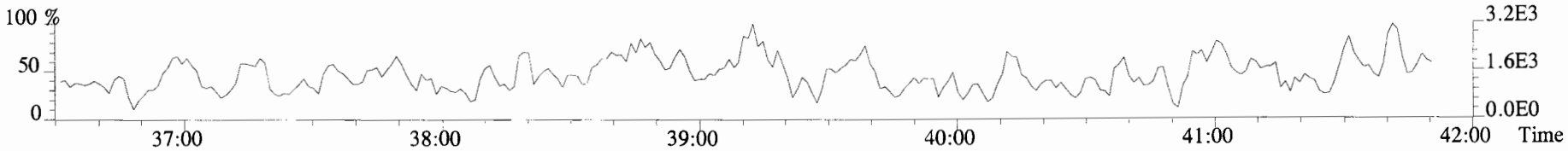
339.9177 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2108.0,0.00%,F,F)



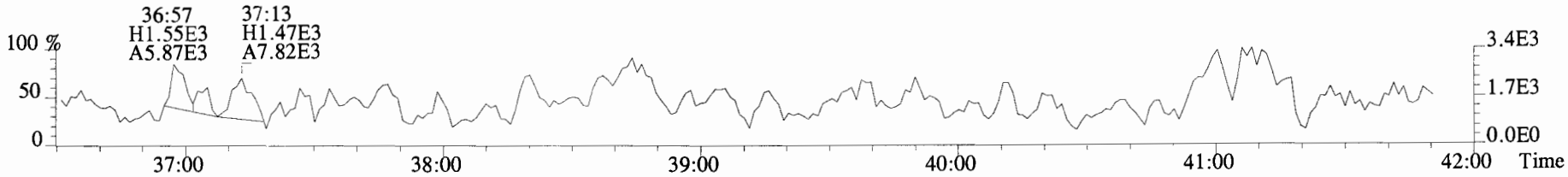
380.9760 S:2 F:4



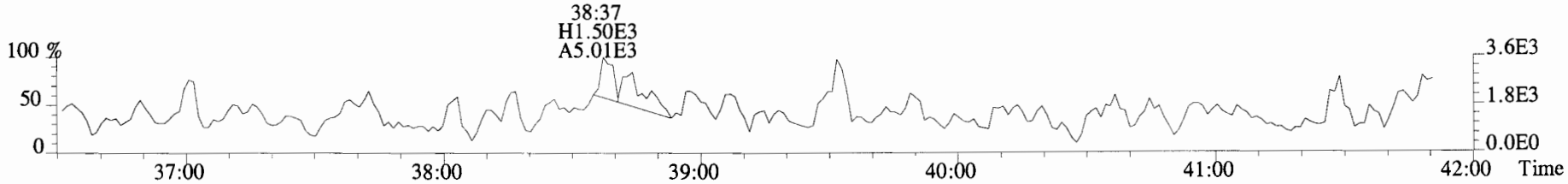
File:180315E1 #1-756 Acq:15-MAR-2018 10:34:05 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1848.0,0.00%,F,F)



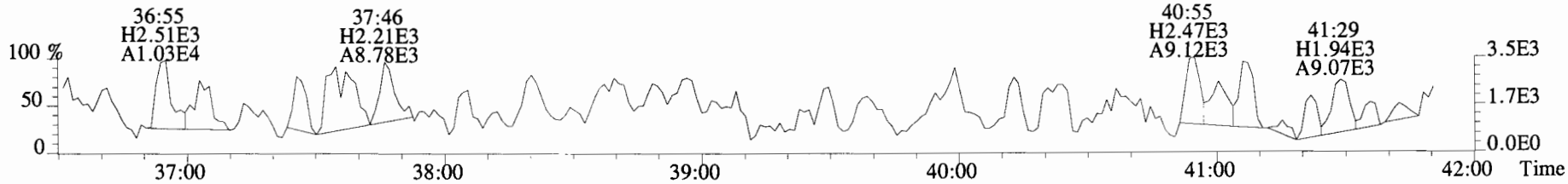
361.8385 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1880.0,0.00%,F,F)



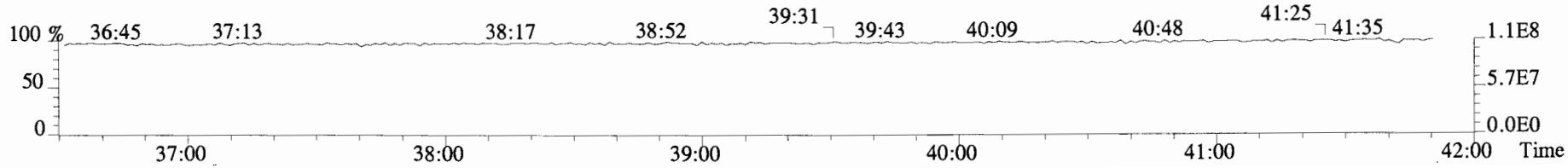
371.8817 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1860.0,0.00%,F,F)



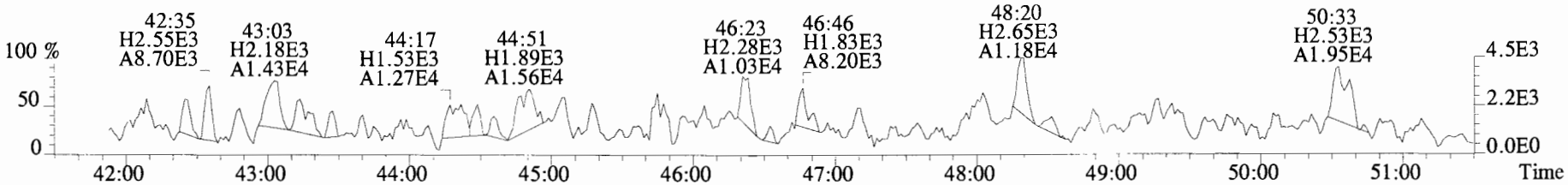
373.8788 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1956.0,0.00%,F,F)



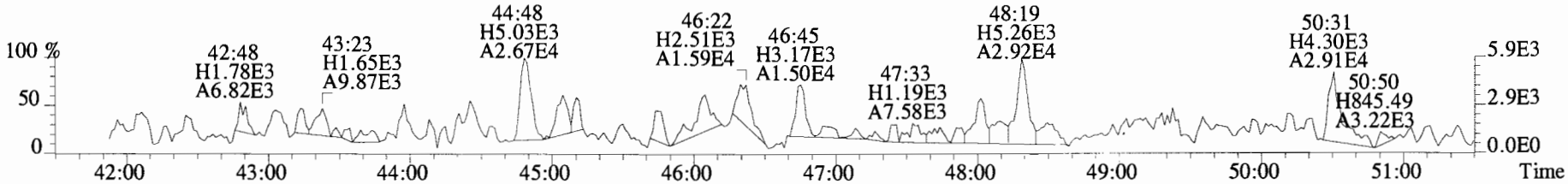
330.9792 S:2 F:3



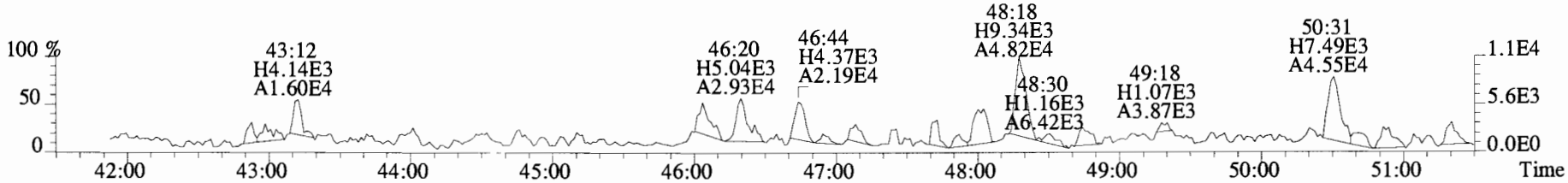
File:180315E1 #1-574 Acq:15-MAR-2018 10:34:05 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1664.0,0.00%,F,F)



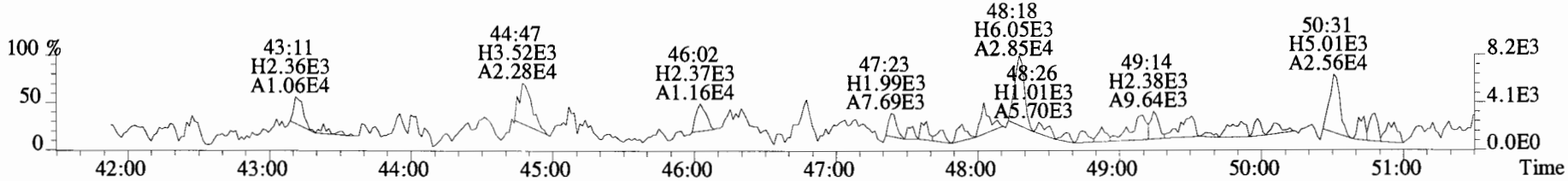
361.8385 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1780.0,0.00%,F,F)



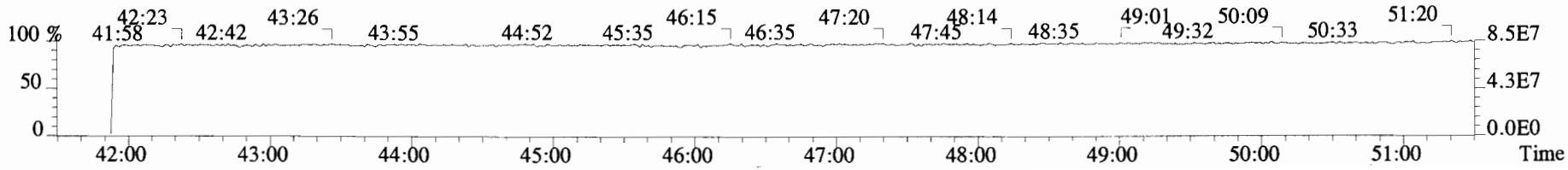
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1880.0,0.00%,F,F)



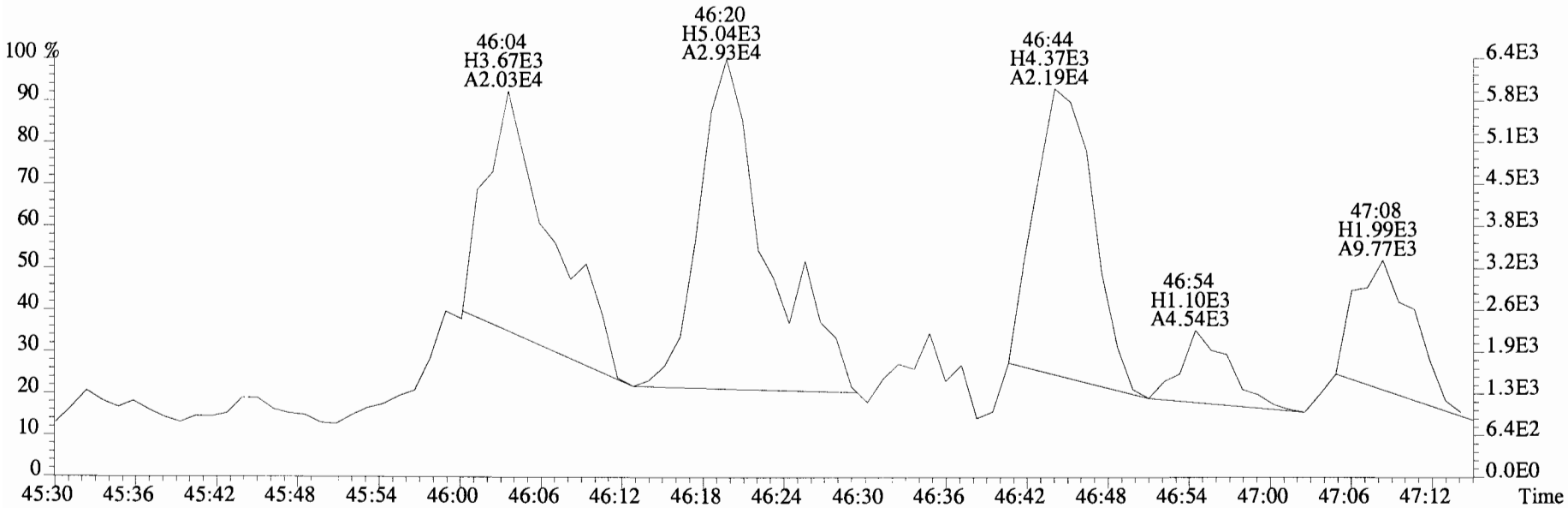
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2192.0,0.00%,F,F)



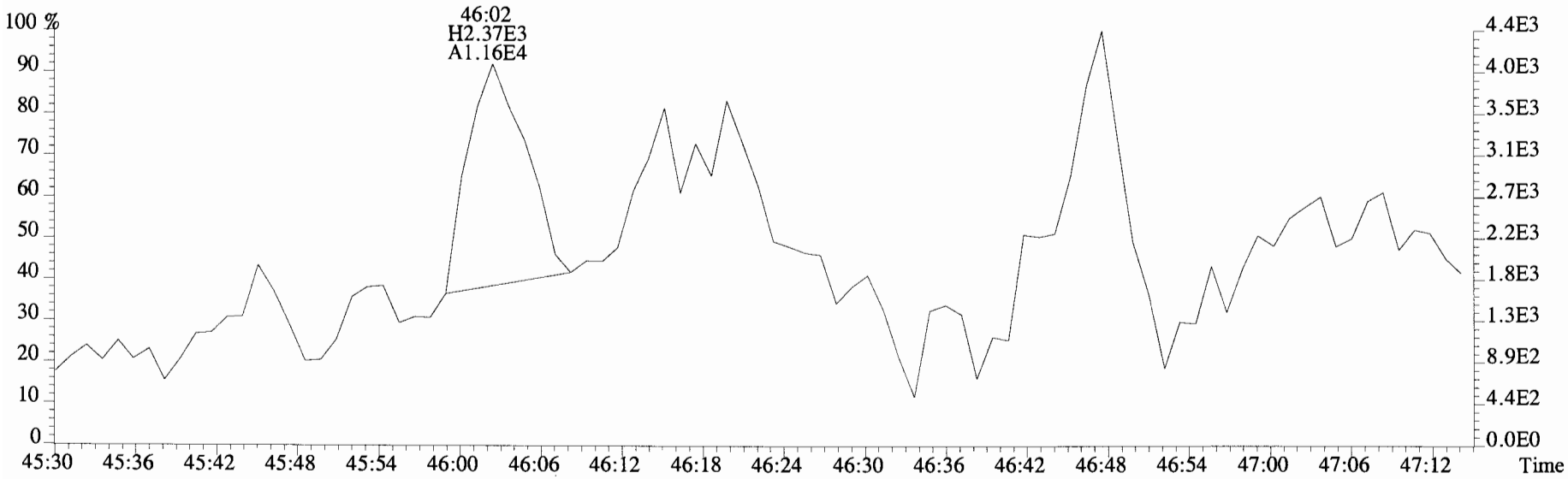
380.9760 S:2 F:4



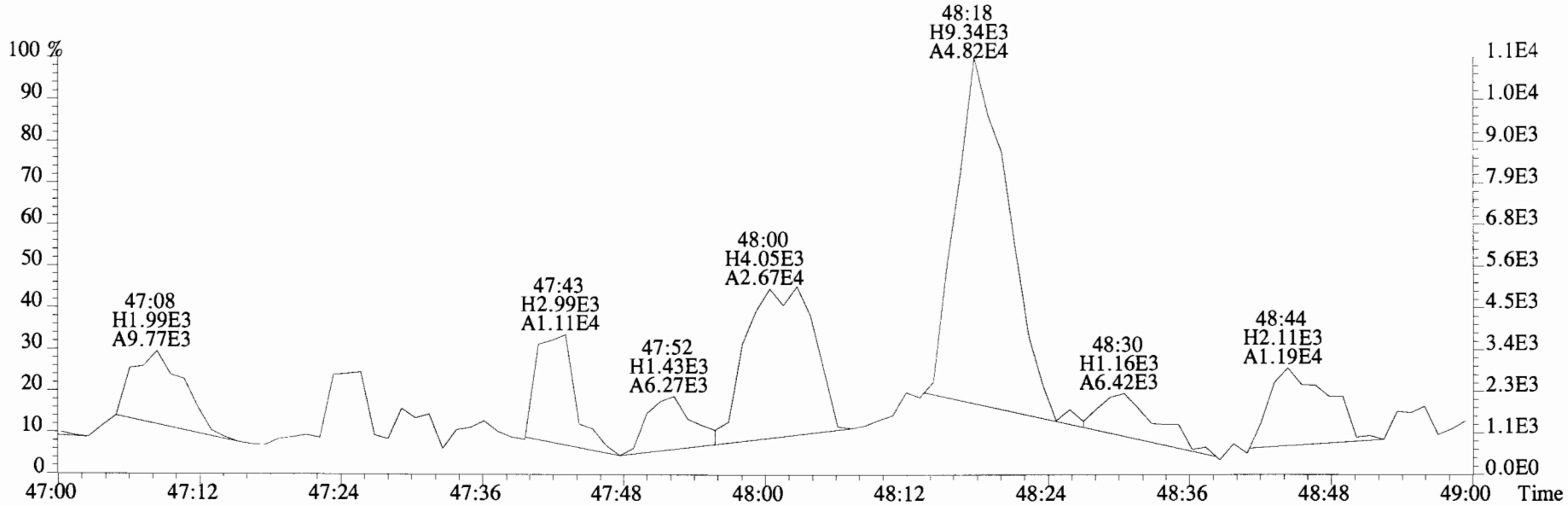
File:180315E1 #1-574 Acq:15-MAR-2018 10:34:05 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1880.0,0.00%,F,F)



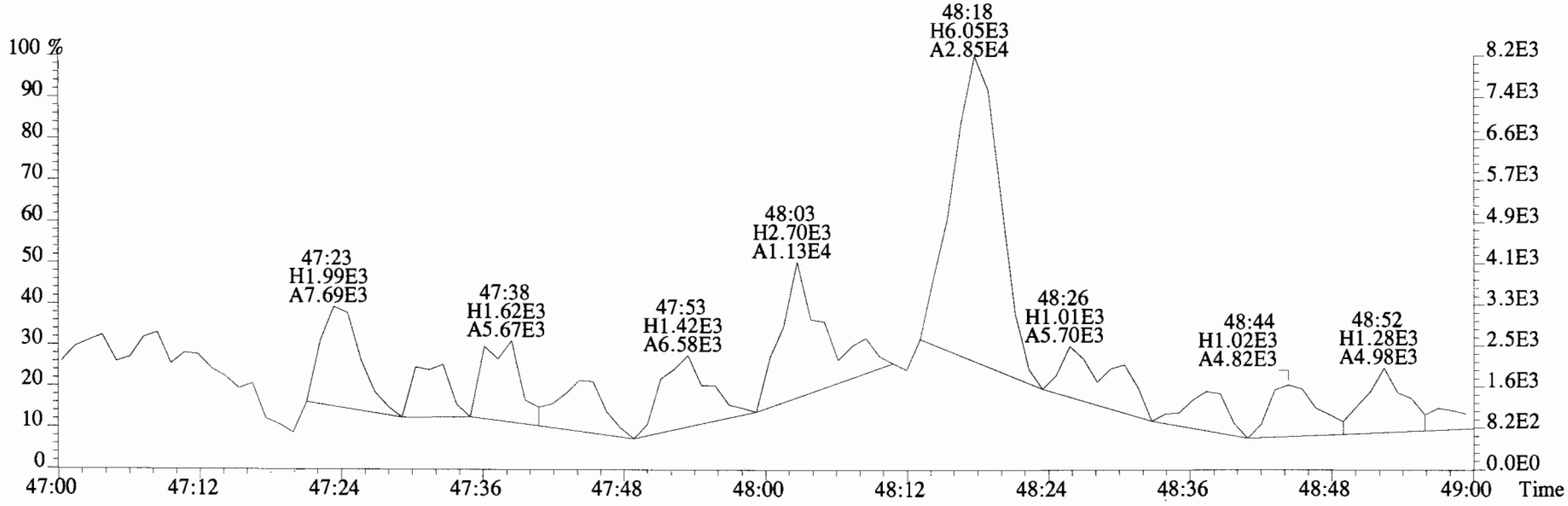
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2192.0,0.00%,F,F)



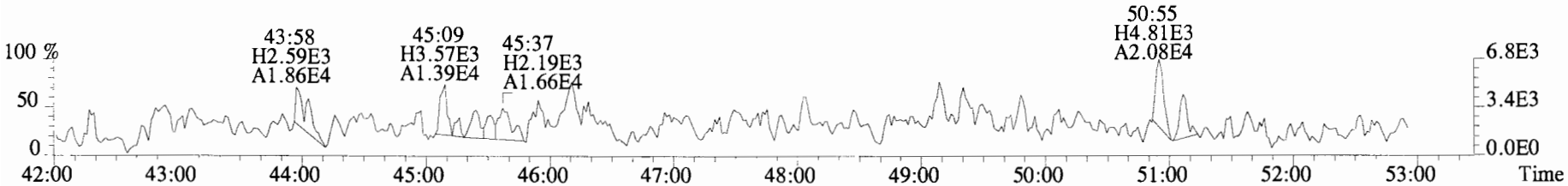
File:180315E1 #1-574 Acq:15-MAR-2018 10:34:05 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1880.0,0.00%,F,F)



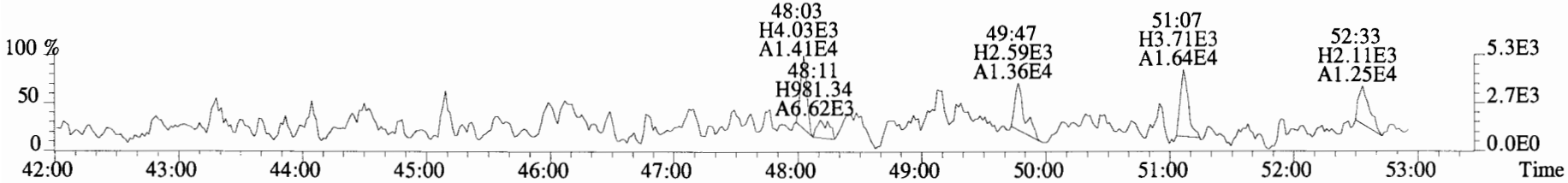
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2192.0,0.00%,F,F)



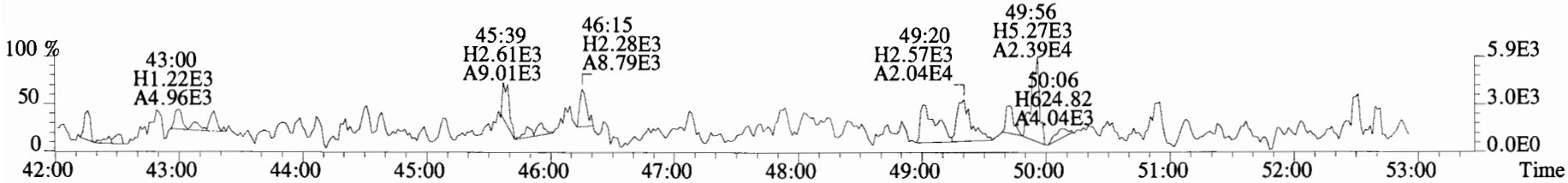
File:180315E1 #1-574 Acq:15-MAR-2018 10:34:05 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
393.8025 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2732.0,0.00%,F,F)



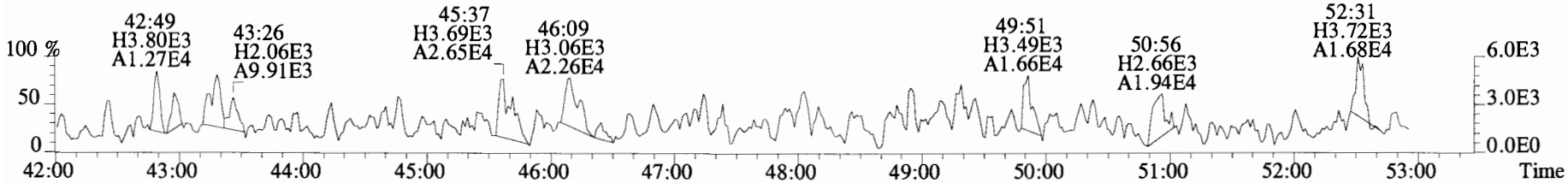
395.7995 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1660.0,0.00%,F,F)



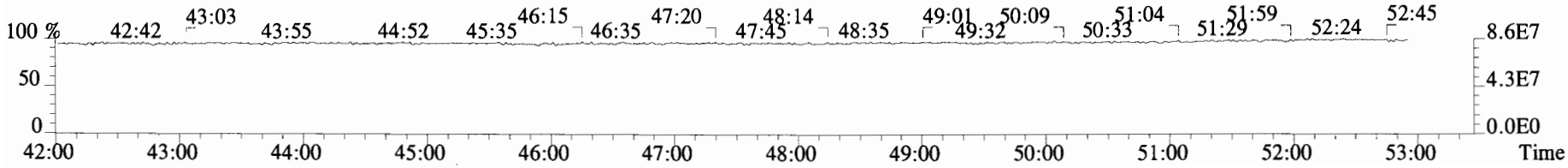
403.8457 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1668.0,0.00%,F,F)



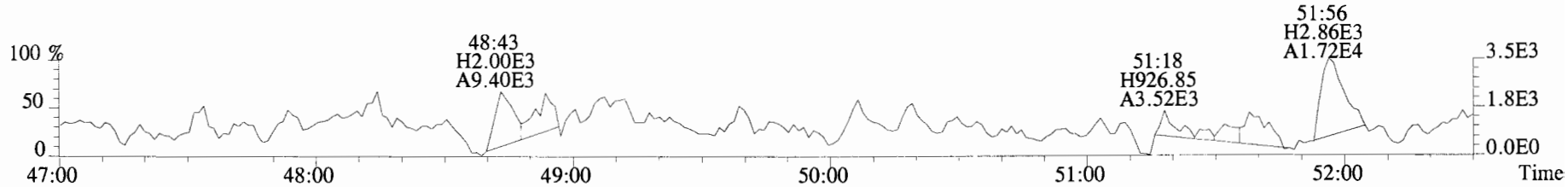
405.8428 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2228.0,0.00%,F,F)



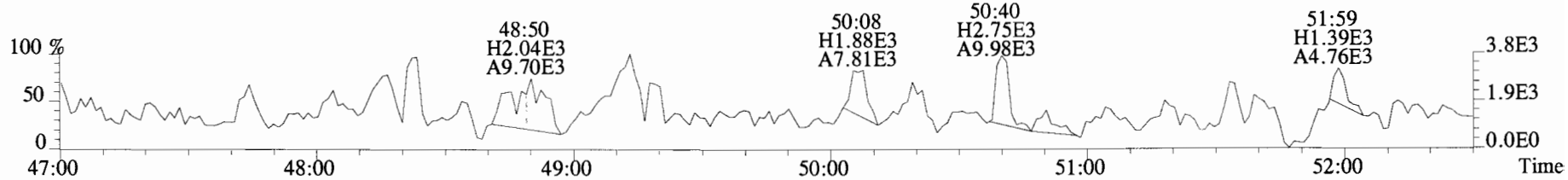
380.9760 S:2 F:4



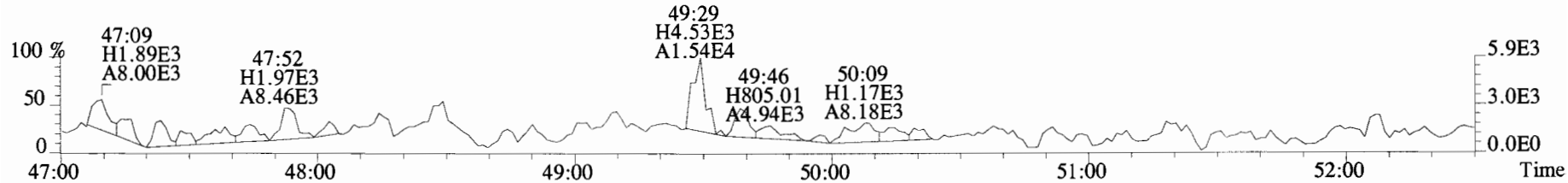
File:180315E1 #1-574 Acq:15-MAR-2018 10:34:05 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1364.0,0.00%,F,F)



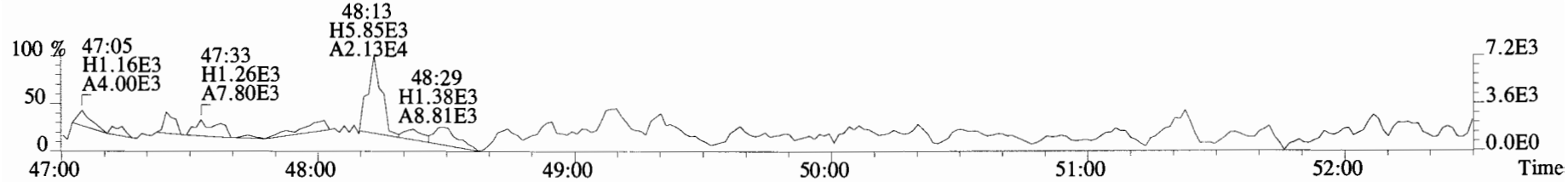
429.7606 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1696.0,0.00%,F,F)



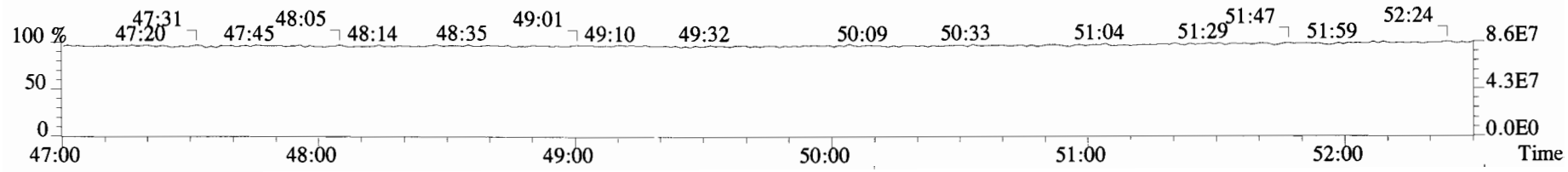
439.8038 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1640.0,0.00%,F,F)



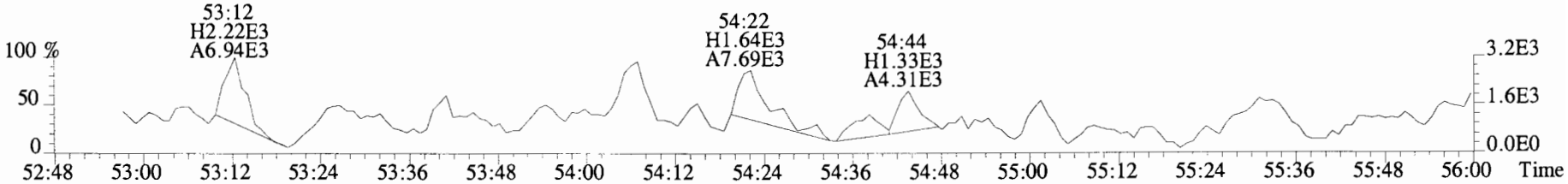
441.8008 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1728.0,0.00%,F,F)



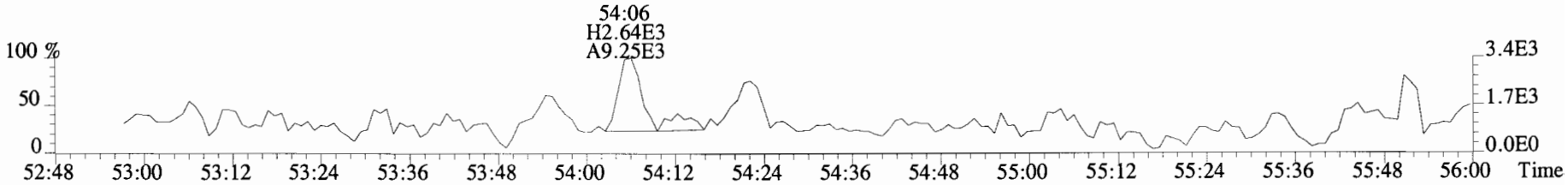
380.9760 S:2 F:4



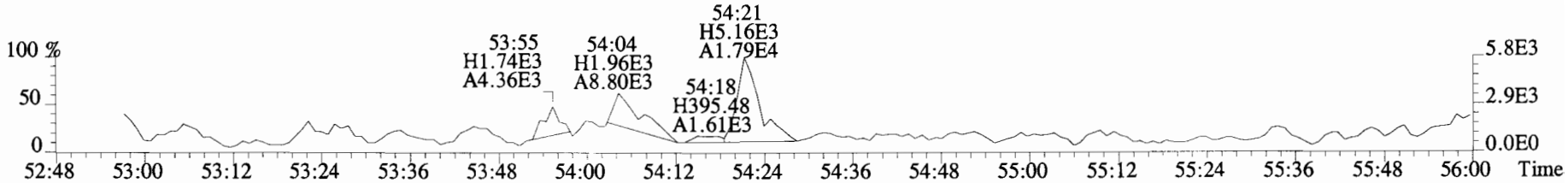
File:180315E1 #1-407 Acq:15-MAR-2018 10:34:05 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1428.0,0.00%,F,F)



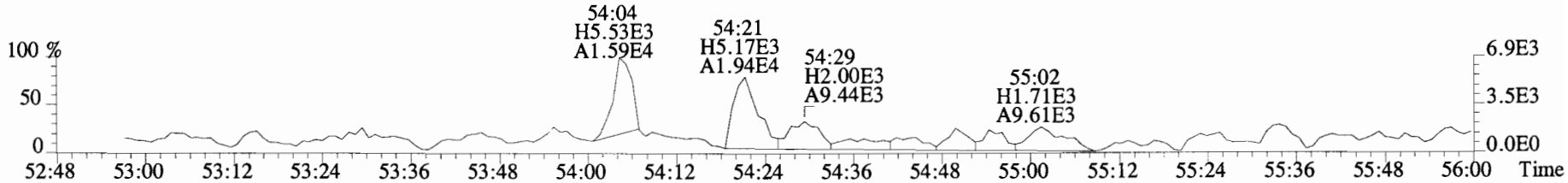
429.7606 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1400.0,0.00%,F,F)



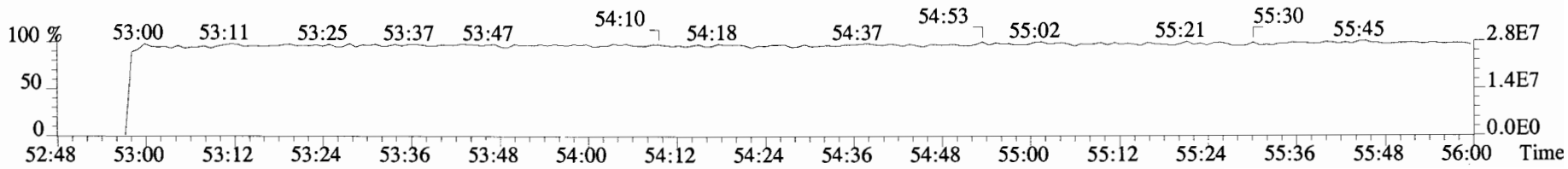
439.8038 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1336.0,0.00%,F,F)



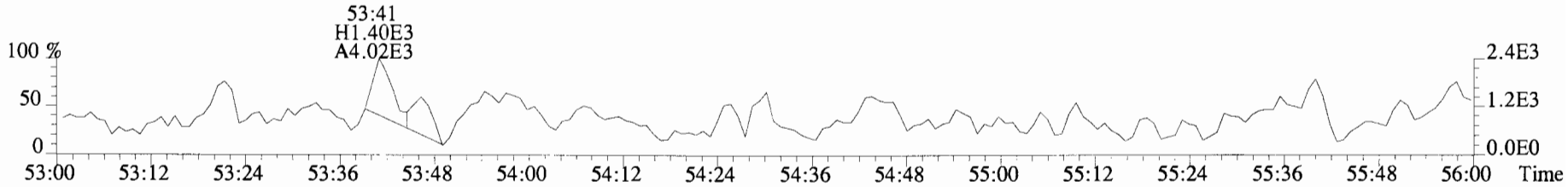
441.8008 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1356.0,0.00%,F,F)



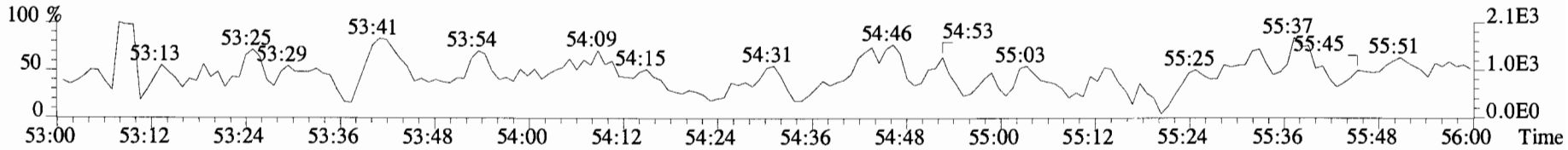
492.9697 S:2 F:5



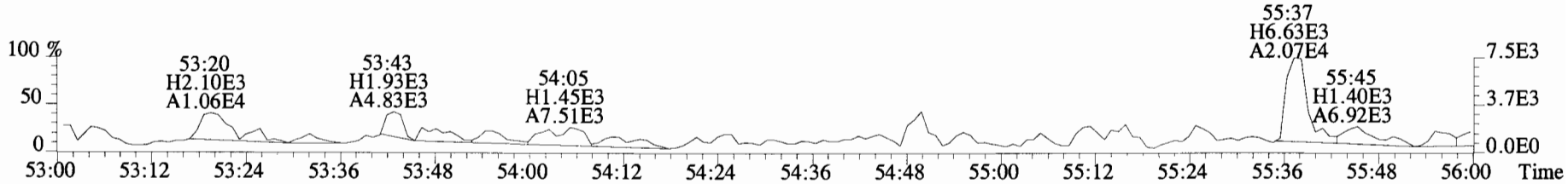
File:180315E1 #1-407 Acq:15-MAR-2018 10:34:05 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
463.7216 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1192.0,0.00%,F,F)



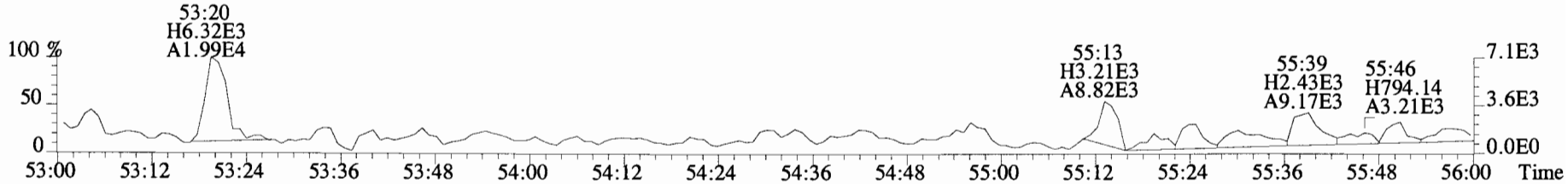
465.7186 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1304.0,0.00%,F,F)



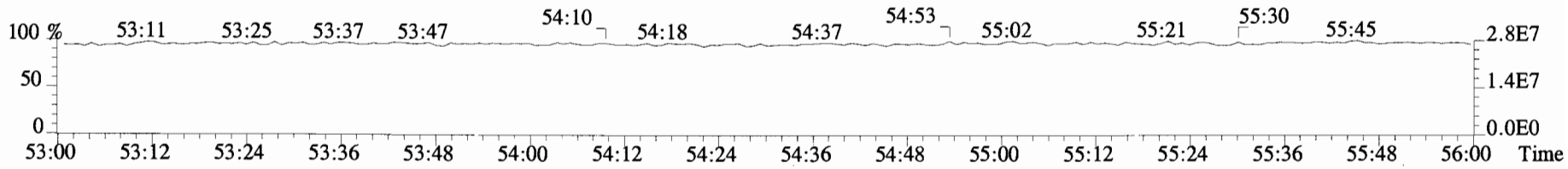
473.7648 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1496.0,0.00%,F,F)



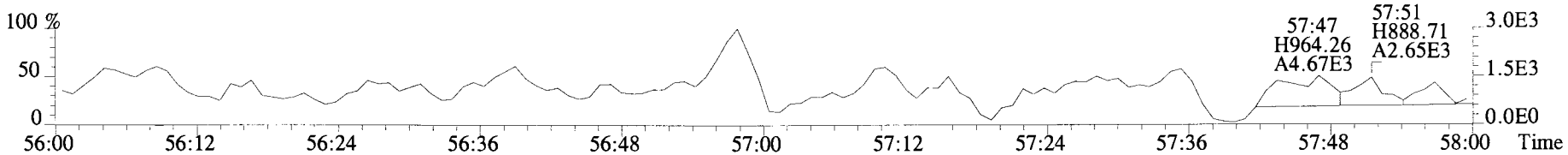
475.7619 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1592.0,0.00%,F,F)



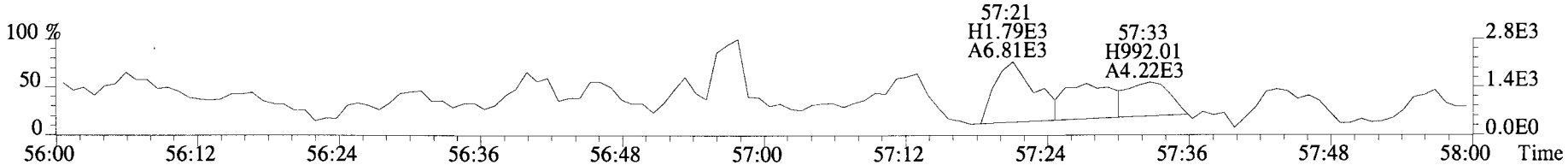
492.9697 S:2 F:5



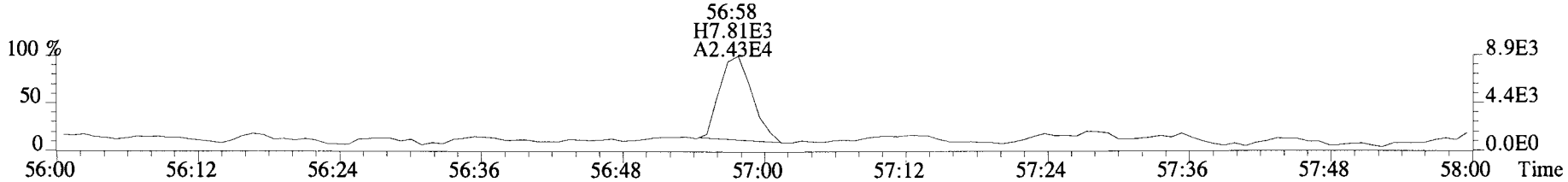
File:180315E1 #1-407 Acq:15-MAR-2018 10:34:05 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
497.6826 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1288.0,0.00%,F,F)



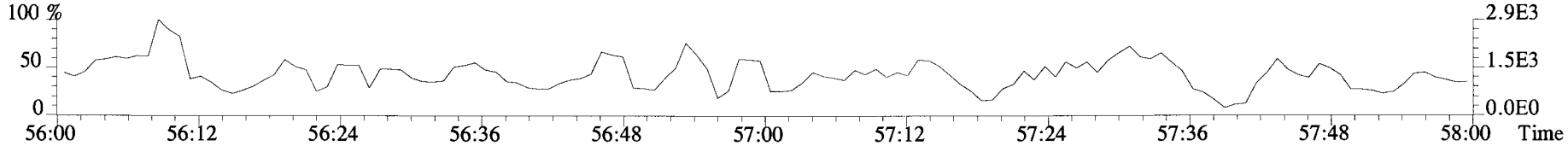
499.6797 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1292.0,0.00%,F,F)



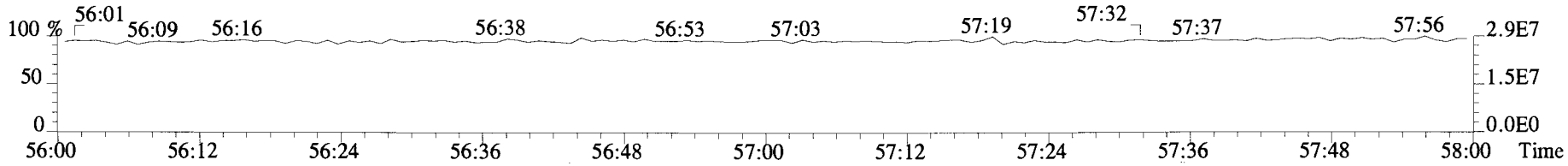
509.7229 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1328.0,0.00%,F,F)



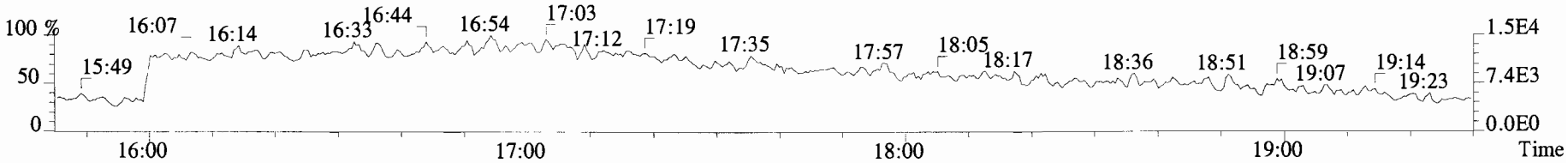
511.7199 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1460.0,0.00%,F,F)



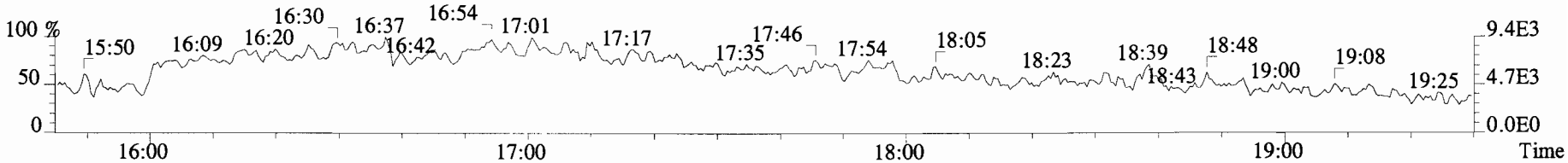
492.9697 S:2 F:5



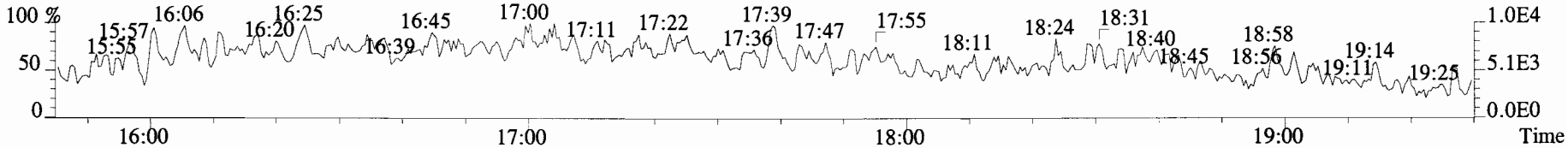
File:180315E1 #1-866 Acq:15-MAR-2018 21:26:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
188.0393 S:12 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11584.0,0.00%,F,F)



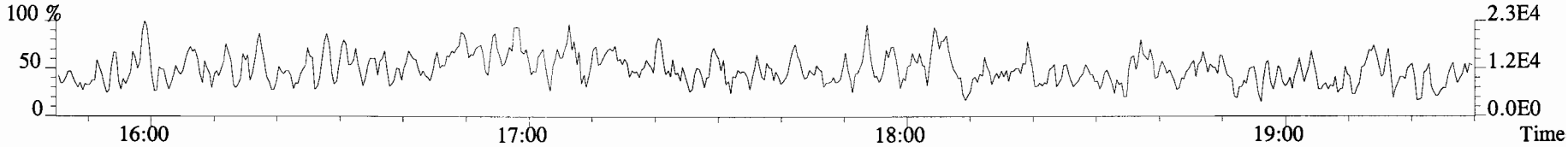
190.0363 S:12 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7544.0,0.00%,F,F)



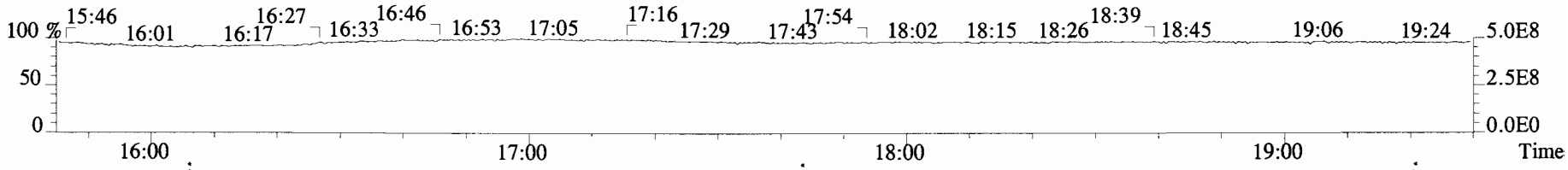
200.0795 S:12 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7944.0,0.00%,F,F)



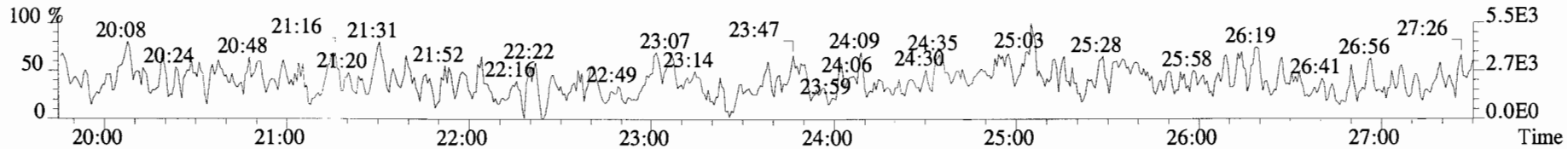
202.0766 S:12 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14668.0,0.00%,F,F)



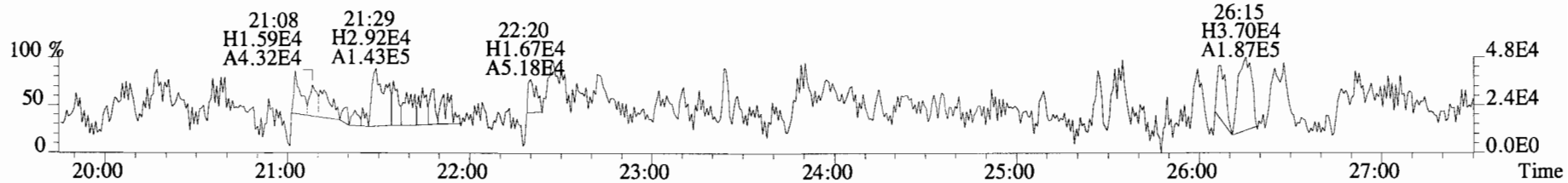
180.9880 S:12



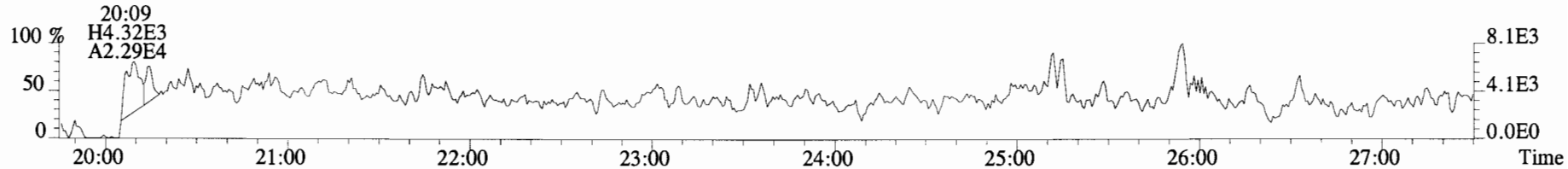
File:180315E1 #1-758 Acq:15-MAR-2018 21:26:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
222.0003 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2792.0,0.00%,F,F)



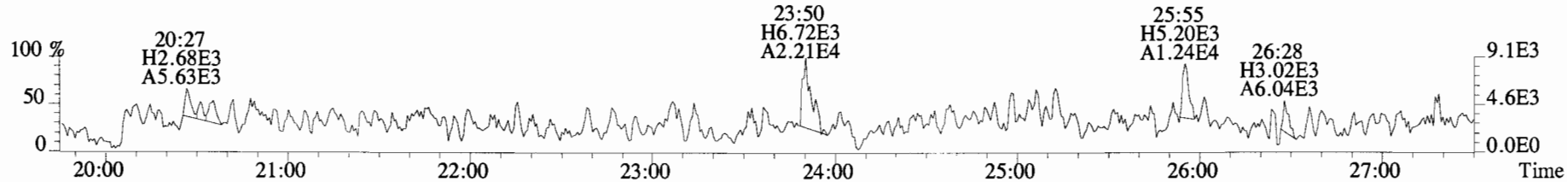
223.9974 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29864.0,0.00%,F,F)



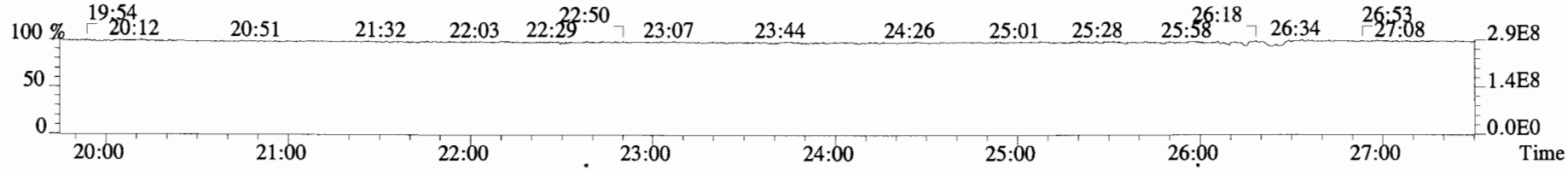
234.0406 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4652.0,0.00%,F,F)



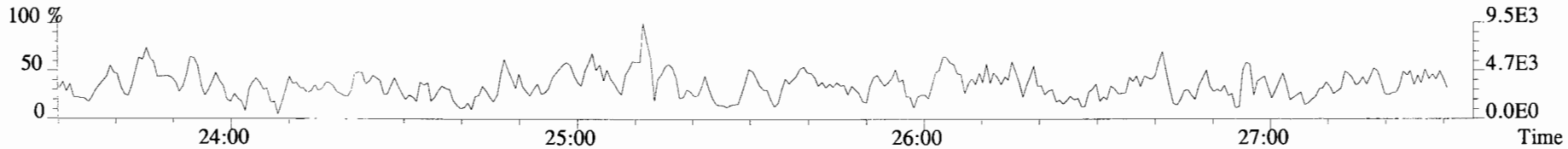
236.0376 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3716.0,0.00%,F,F)



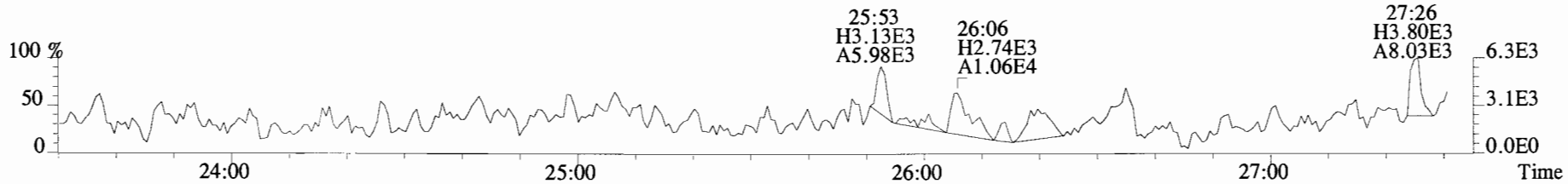
230.9856 S:12 F:2



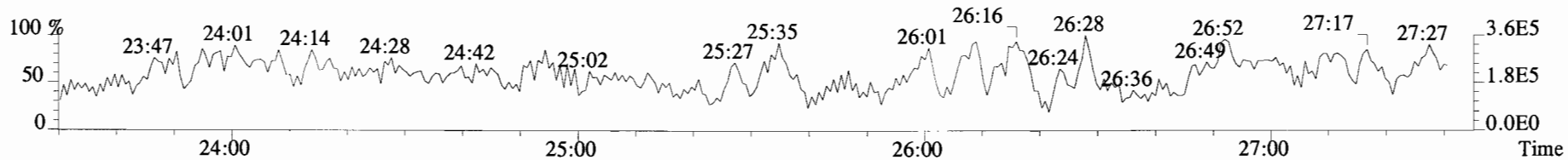
File:180315E1 #1-758 Acq:15-MAR-2018 21:26:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4088.0,0.00%,F,F)



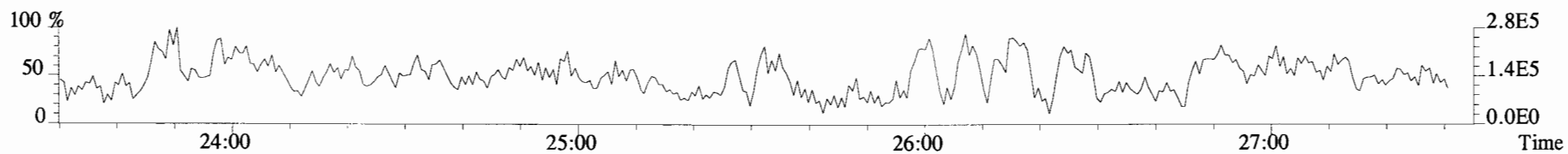
257.9584 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2772.0,0.00%,F,F)



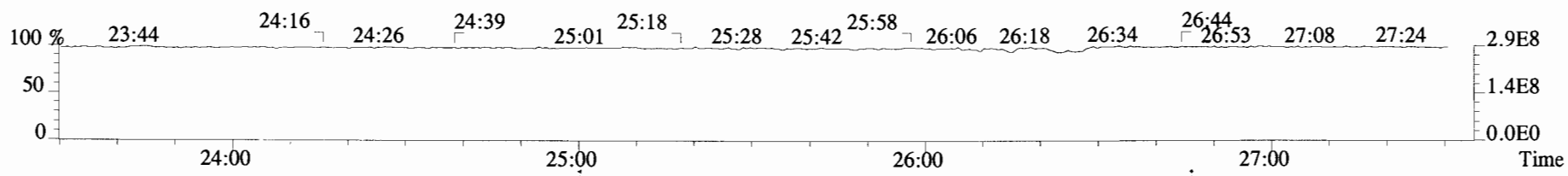
268.0016 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,278672.0,0.00%,F,F)



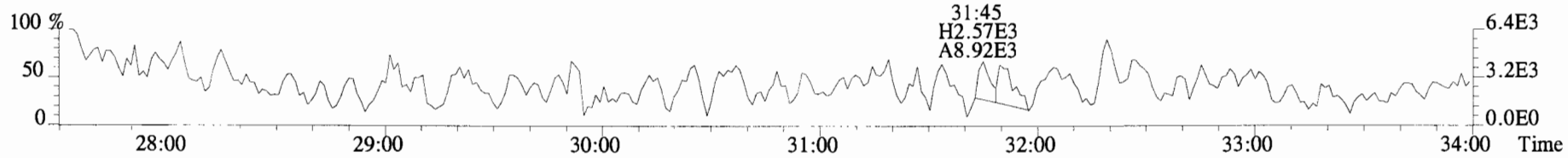
269.9986 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,188256.0,0.00%,F,F)



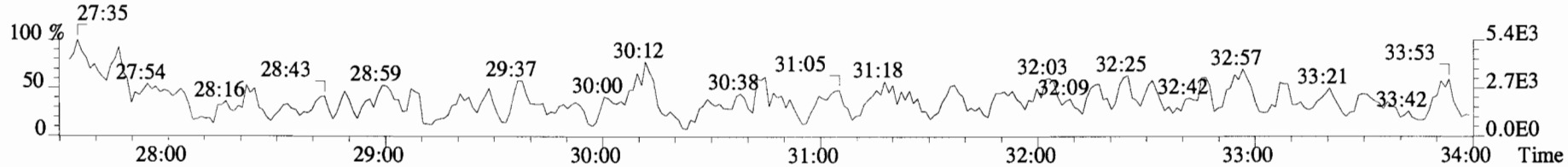
230.9856 S:12 F:2



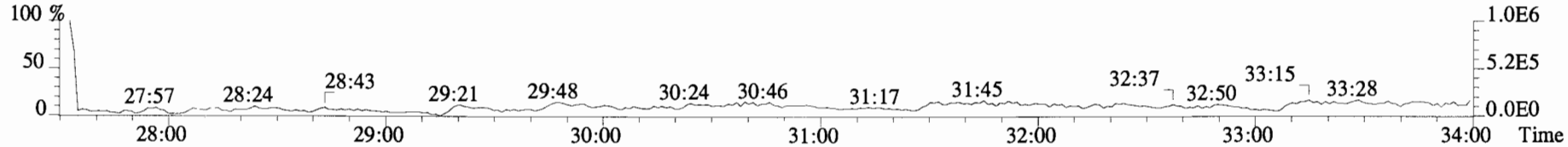
File:180315E1 #1-756 Acq:15-MAR-2018 21:26:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3588.0,0.00%,F,F)



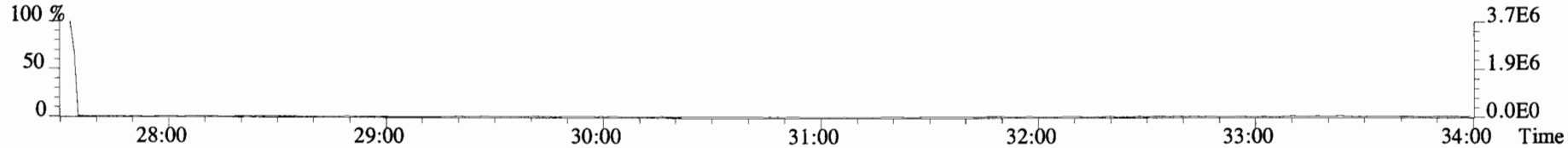
257.9584 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2372.0,0.00%,F,F)



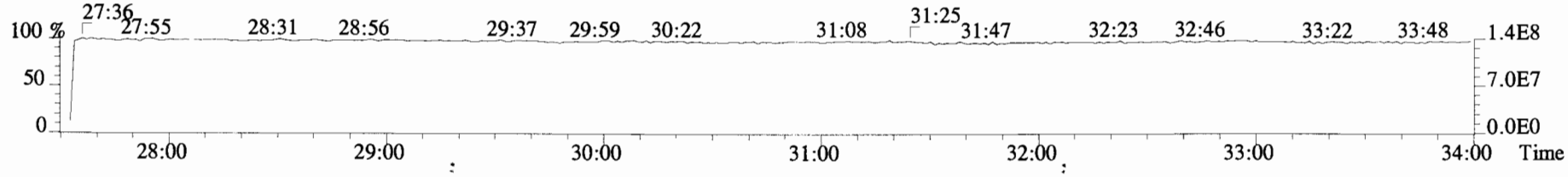
268.0016 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,124892.0,0.00%,F,F)



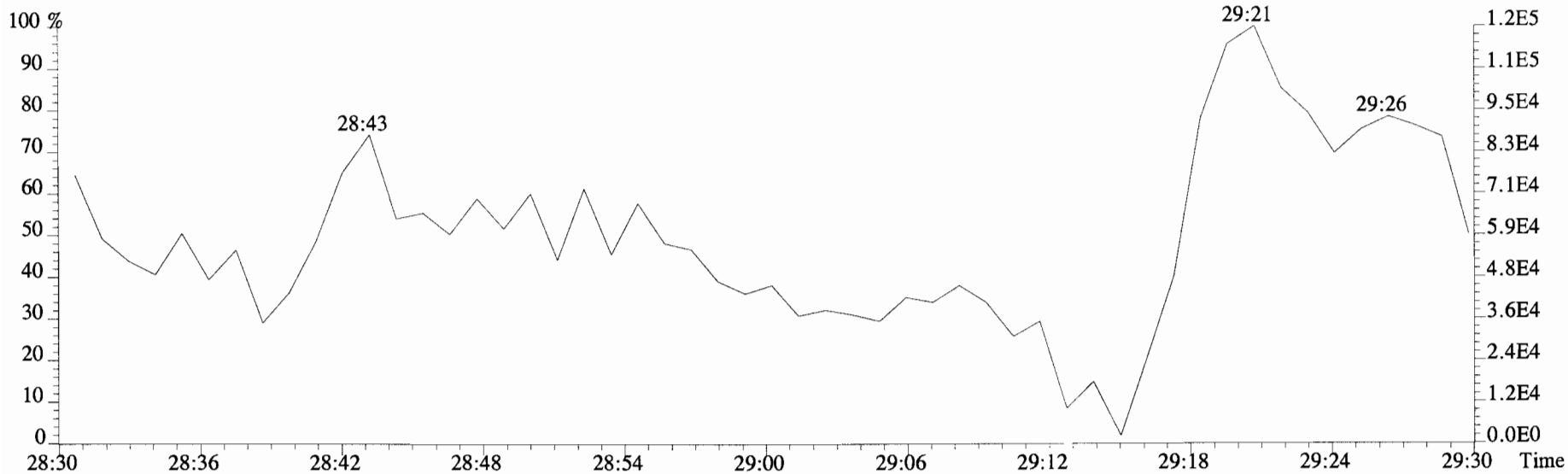
269.9986 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,41532.0,0.00%,F,F)



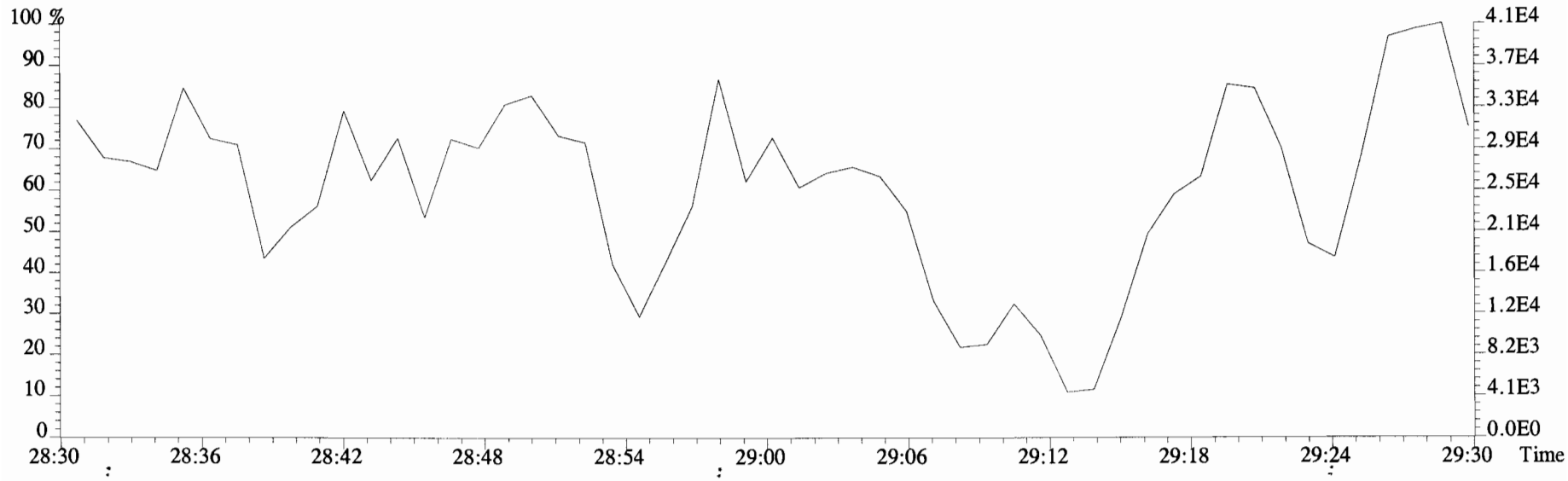
330.9792 S:12 F:3



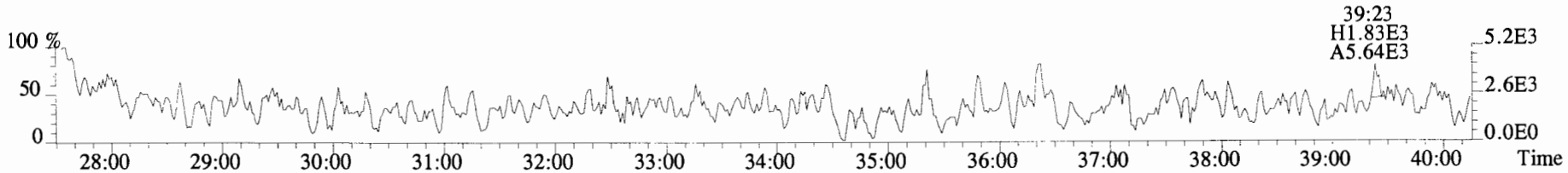
File:180315E1 #1-756 Acq:15-MAR-2018 21:26:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
268.0016 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,124892.0,0.00%,F,F)



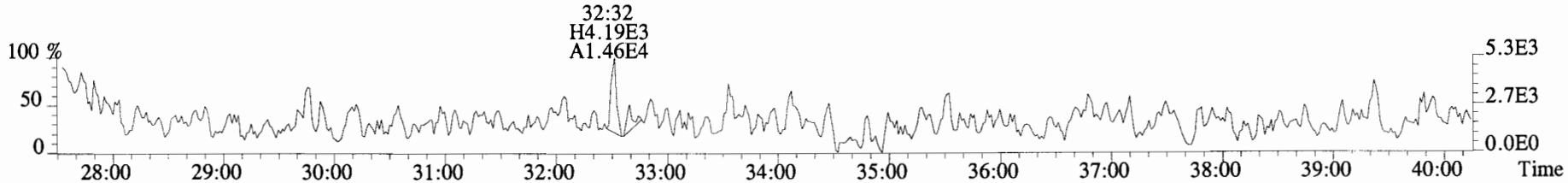
269.9986 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,41532.0,0.00%,F,F)



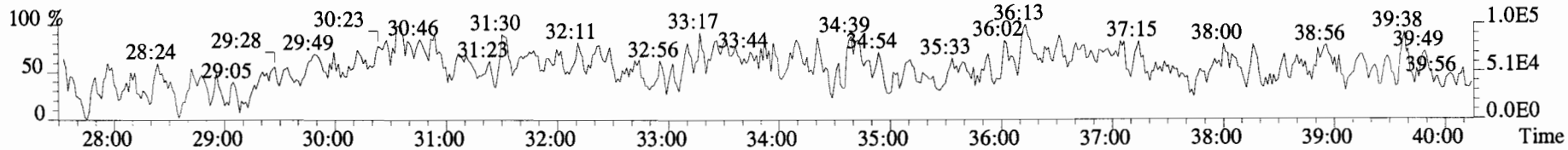
File:180315E1 #1-756 Acq:15-MAR-2018 21:26:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2564.0,0.00%,F,F)



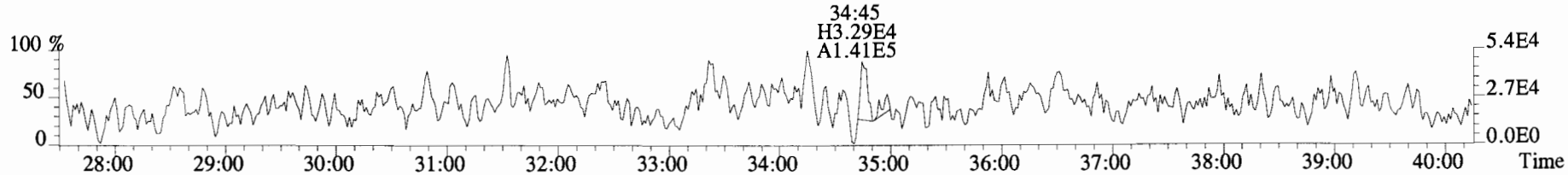
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2256.0,0.00%,F,F)



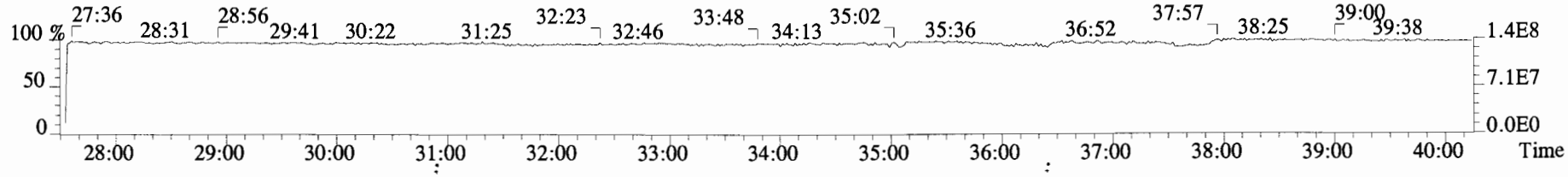
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,71280.0,0.00%,F,F)



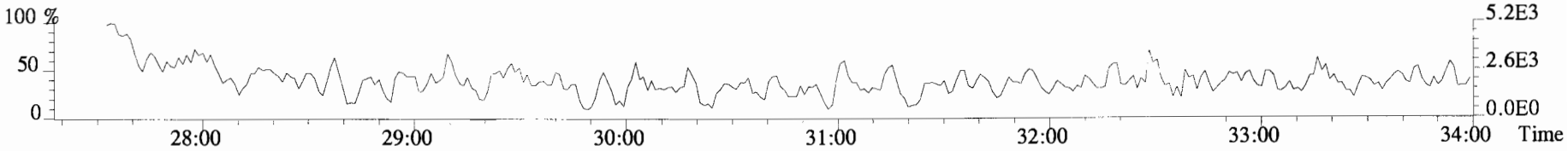
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28844.0,0.00%,F,F)



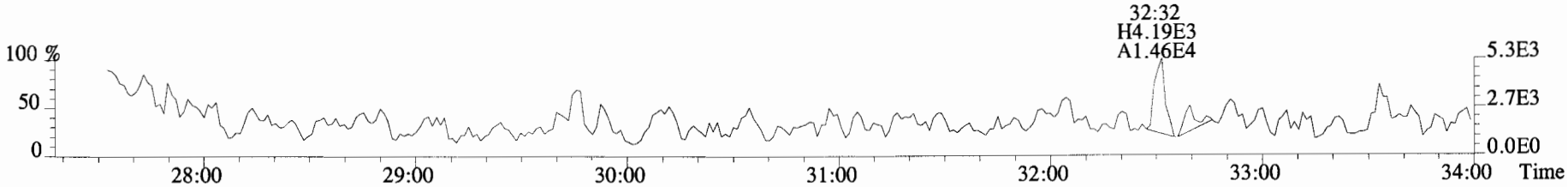
330.9792 S:12 F:3



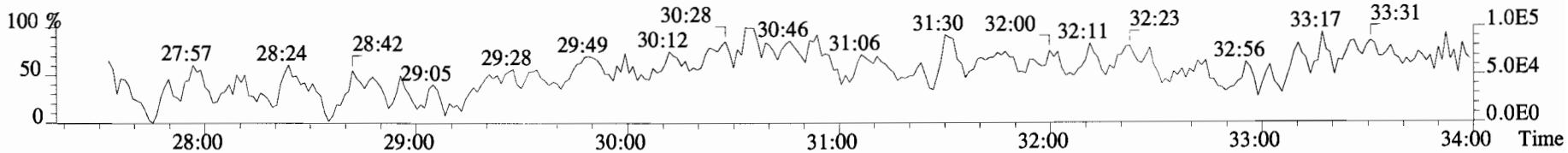
File:180315E1 #1-756 Acq:15-MAR-2018 21:26:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2564.0,0.00%,F,F)



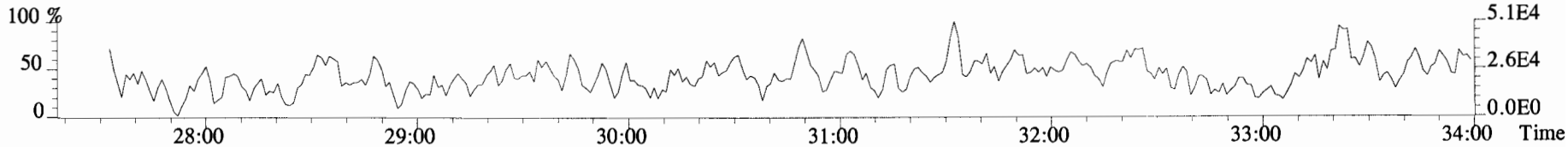
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2256.0,0.00%,F,F)



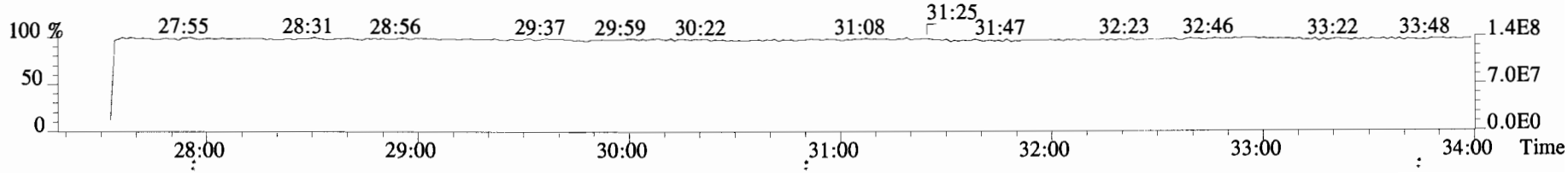
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,71280.0,0.00%,F,F)



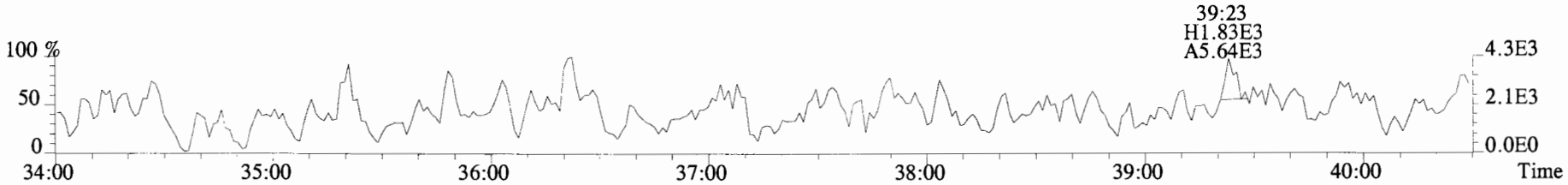
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28844.0,0.00%,F,F)



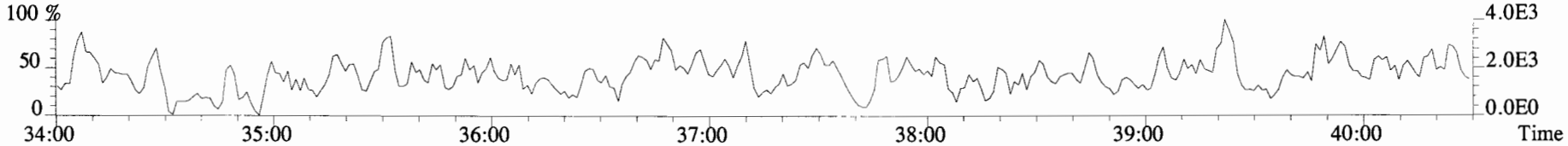
330.9792 S:12 F:3



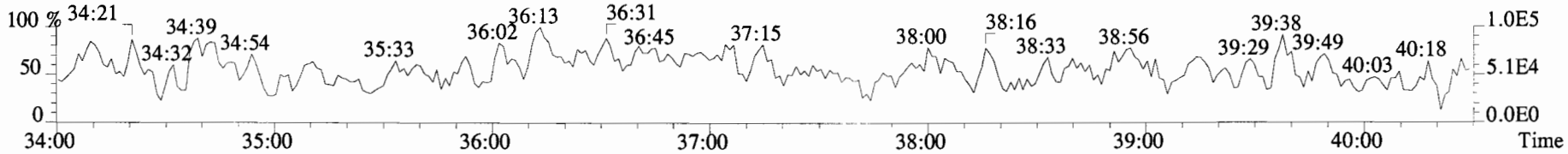
File:180315E1 #1-756 Acq:15-MAR-2018 21:26:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2564.0,0.00%,F,F)



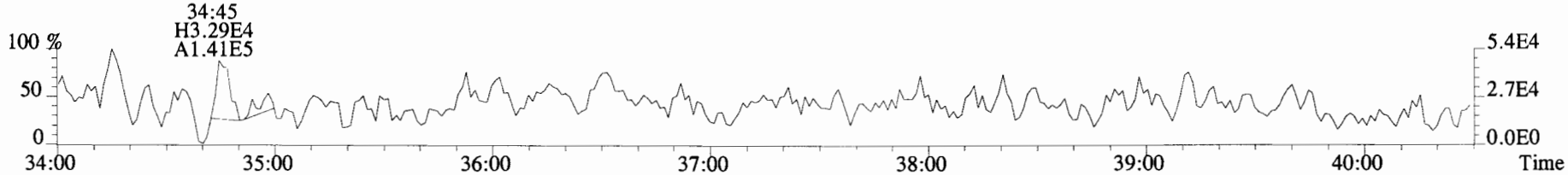
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2256.0,0.00%,F,F)



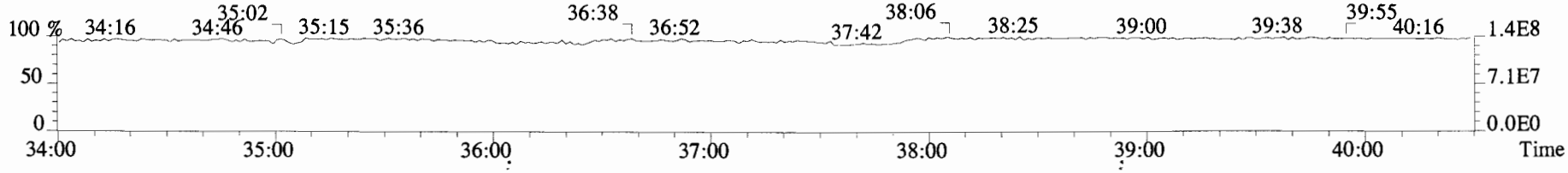
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,71280.0,0.00%,F,F)



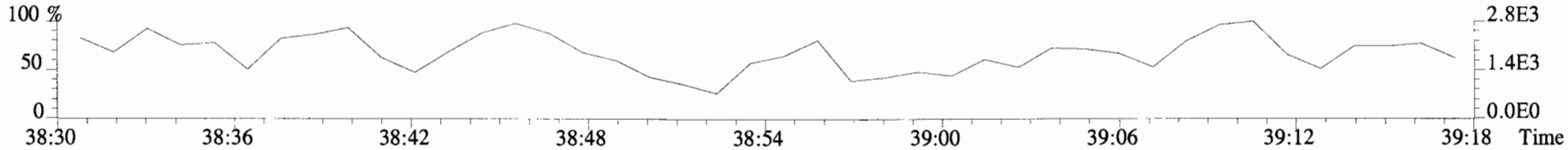
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28844.0,0.00%,F,F)



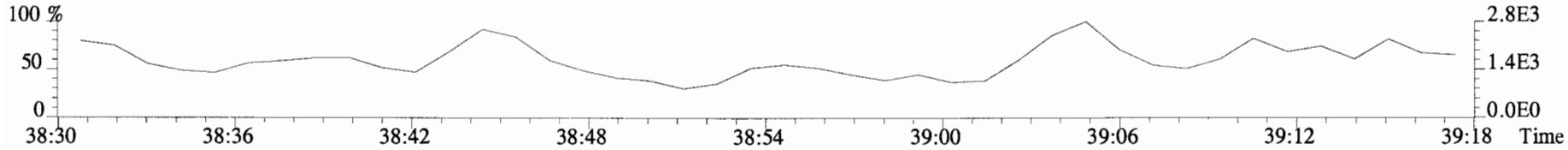
330.9792 S:12 F:3



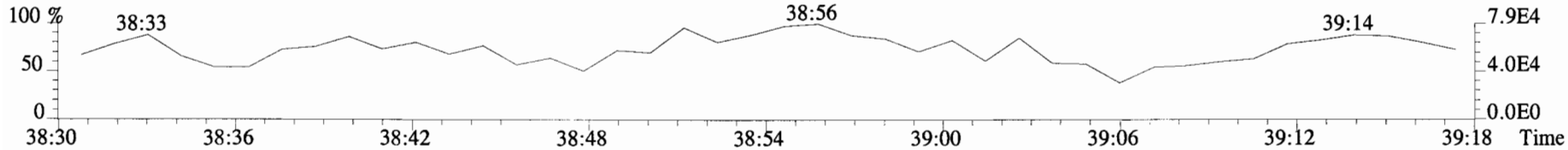
File:180315E1 #1-756 Acq:15-MAR-2018 21:26:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2564.0,0.00%,F,F)



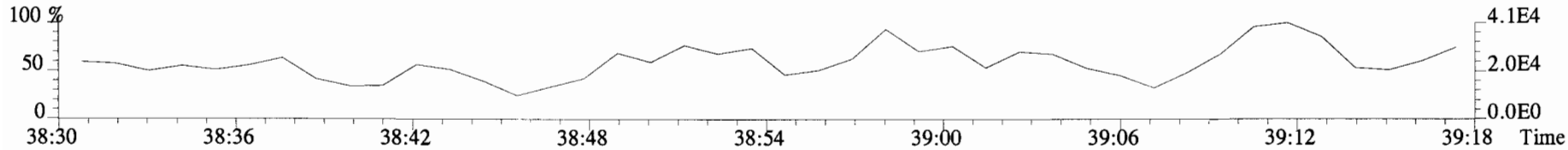
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2256.0,0.00%,F,F)



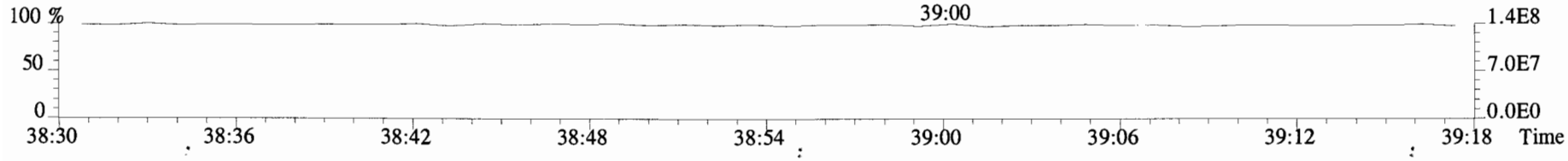
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,71280.0,0.00%,F,F)



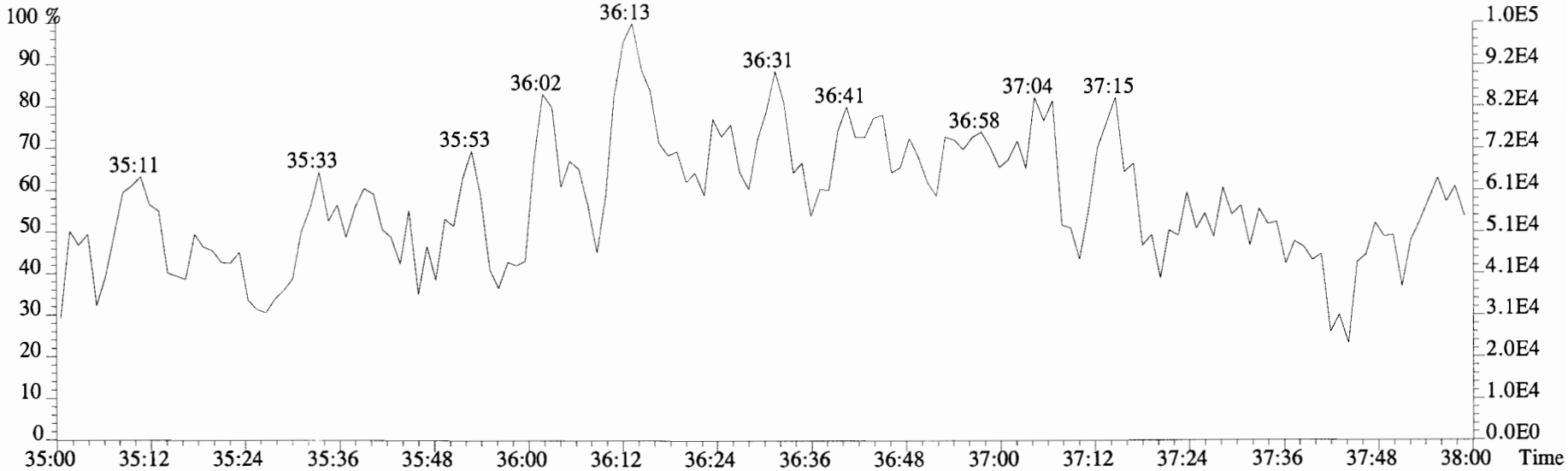
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28844.0,0.00%,F,F)



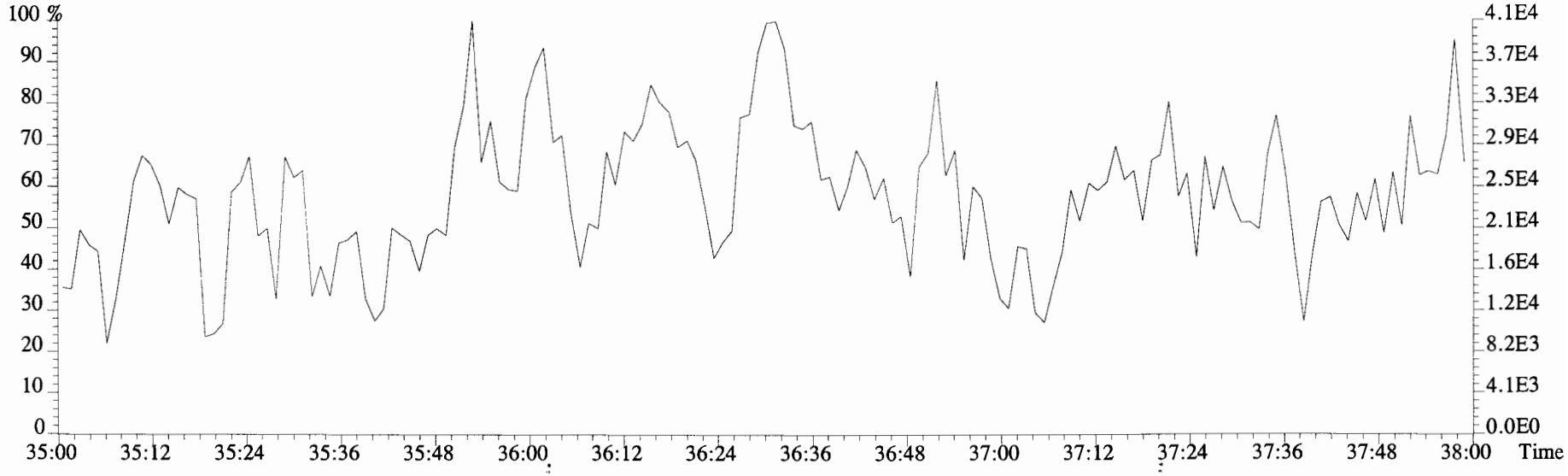
330.9792 S:12 F:3



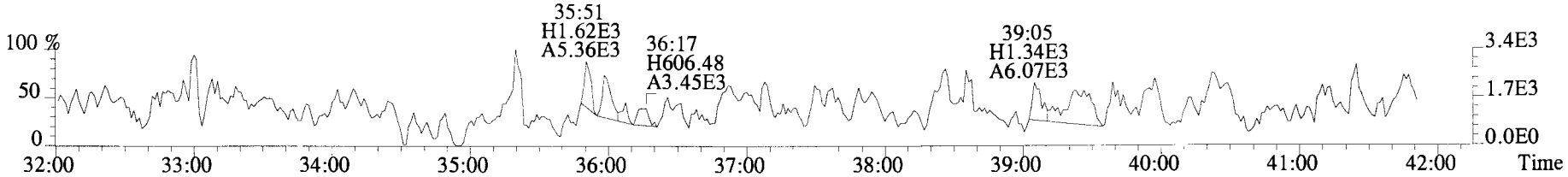
File:180315E1 #1-756 Acq:15-MAR-2018 21:26:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,71280.0,0.00%,F,F)



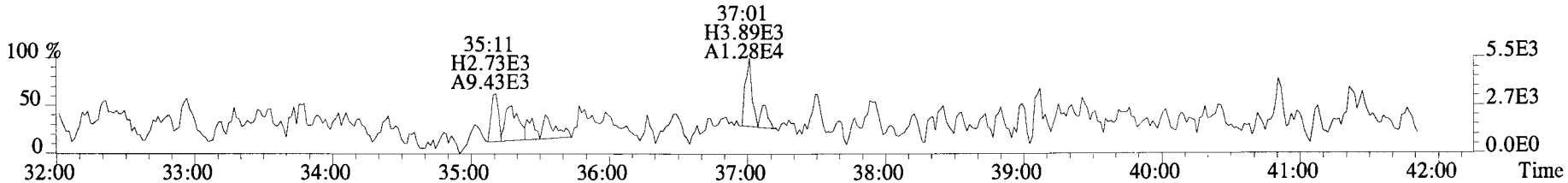
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28844.0,0.00%,F,F)



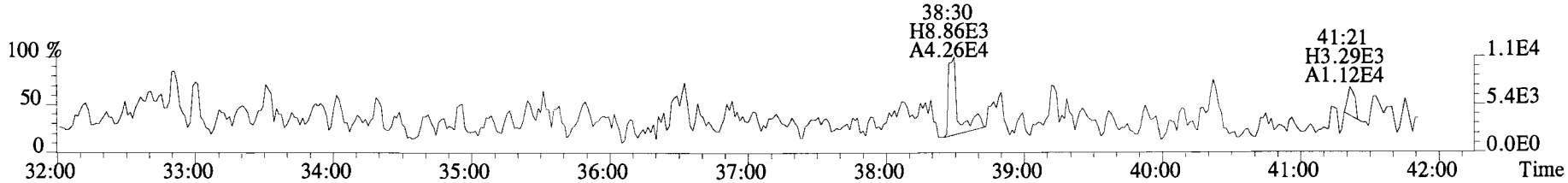
File:180315E1 #1-756 Acq:15-MAR-2018 21:26:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1744.0,0.00%,F,F)



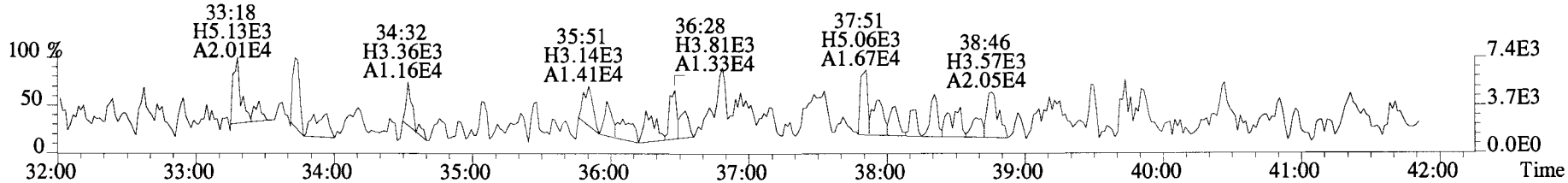
327.8775 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2324.0,0.00%,F,F)



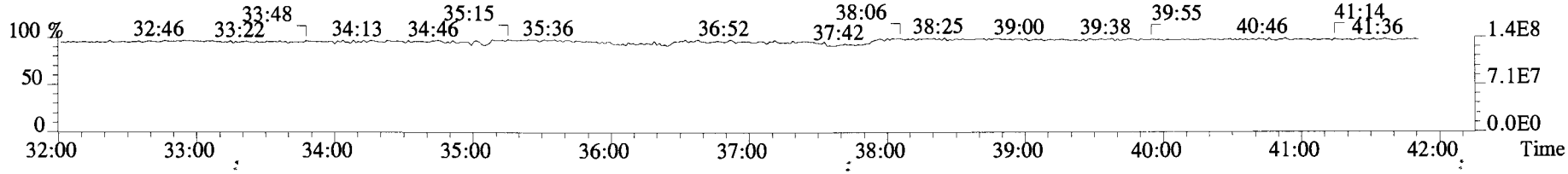
337.9207 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4780.0,0.00%,F,F)



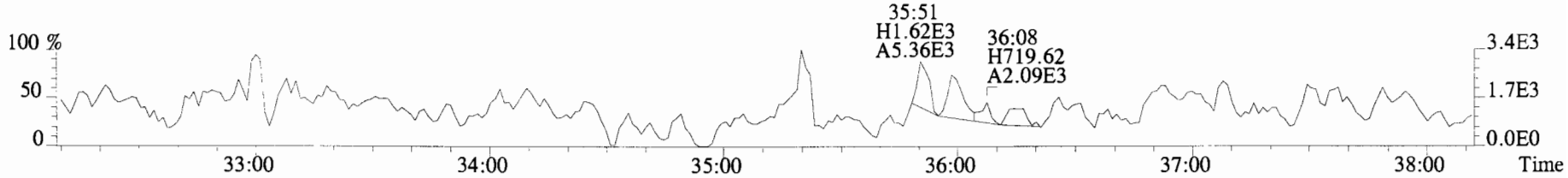
339.9177 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3336.0,0.00%,F,F)



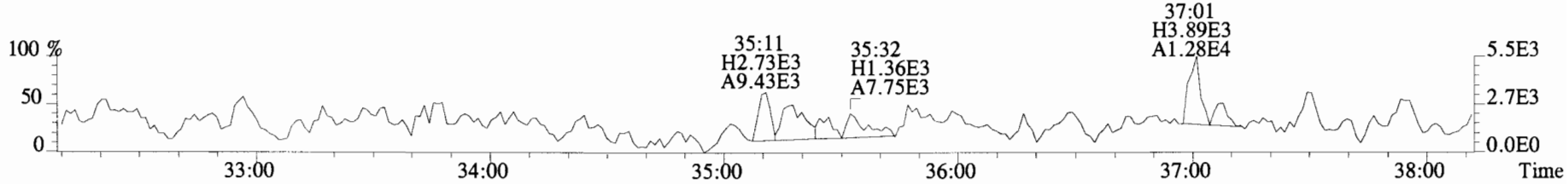
330.9792 S:12 F:3



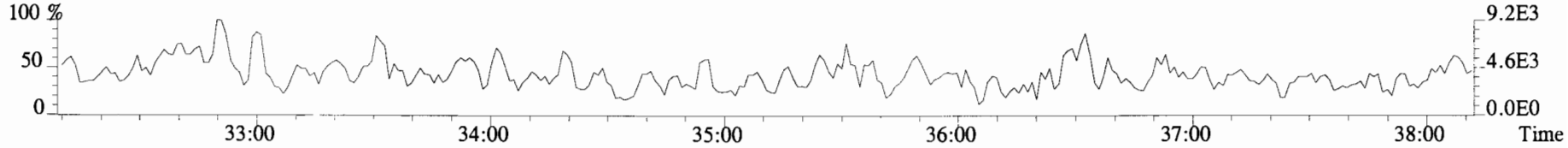
File:180315E1 #1-756 Acq:15-MAR-2018 21:26:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1744.0,0.00%,F,F)



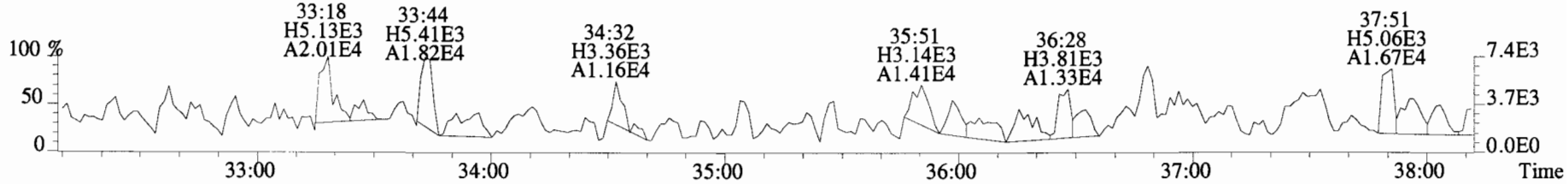
327.8775 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2324.0,0.00%,F,F)



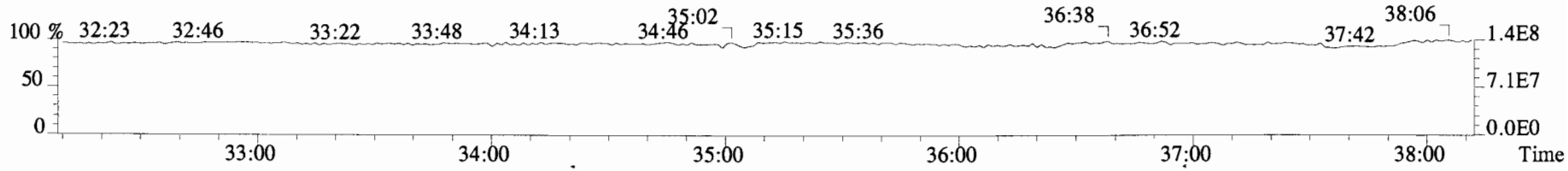
337.9207 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4780.0,0.00%,F,F)



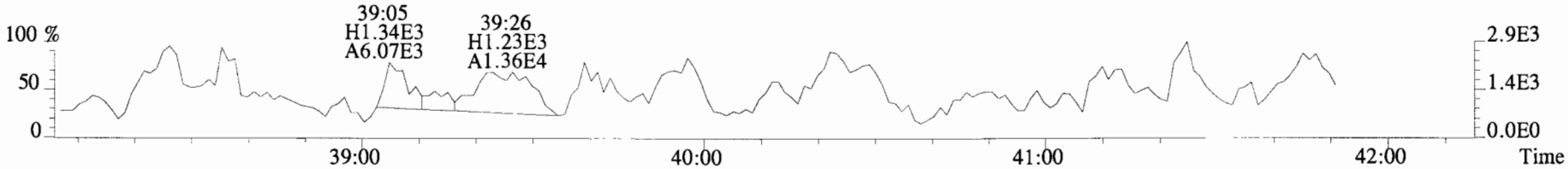
339.9177 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3336.0,0.00%,F,F)



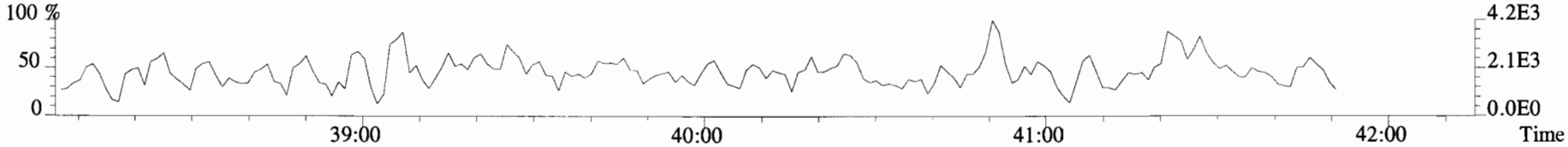
330.9792 S:12 F:3



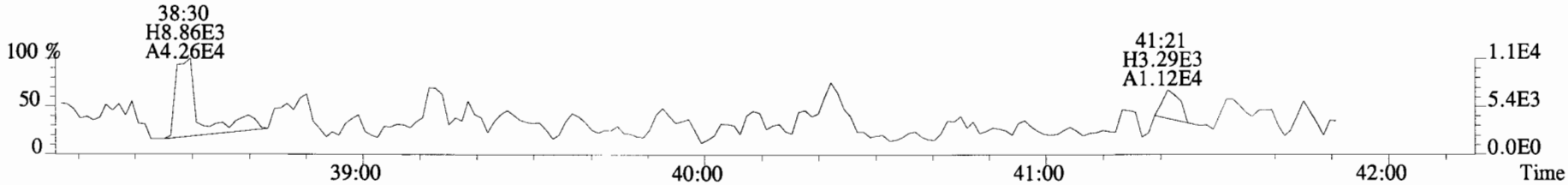
File:180315E1 #1-756 Acq:15-MAR-2018 21:26:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1744.0,0.00%,F,F)



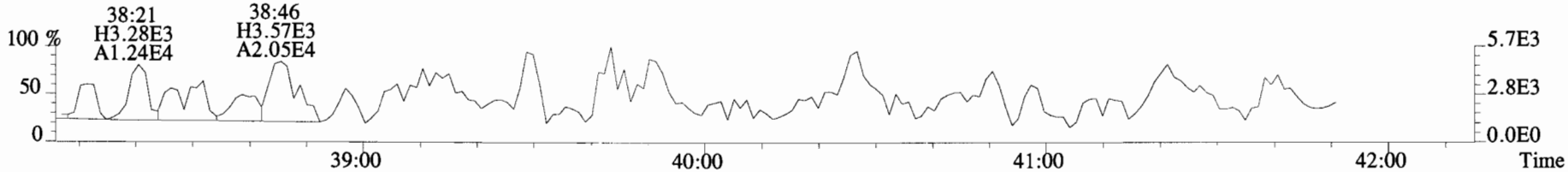
327.8775 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2324.0,0.00%,F,F)



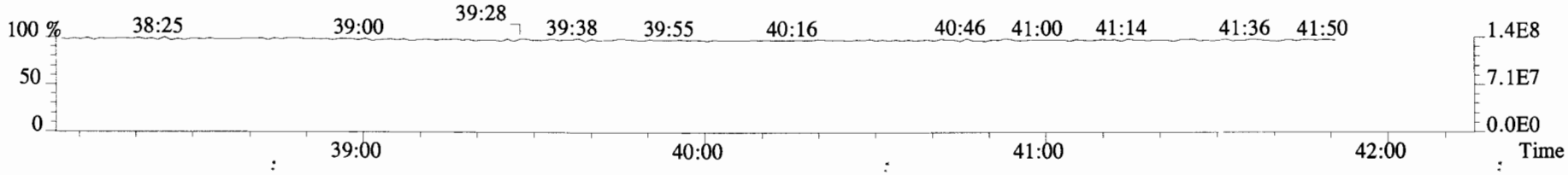
337.9207 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4780.0,0.00%,F,F)



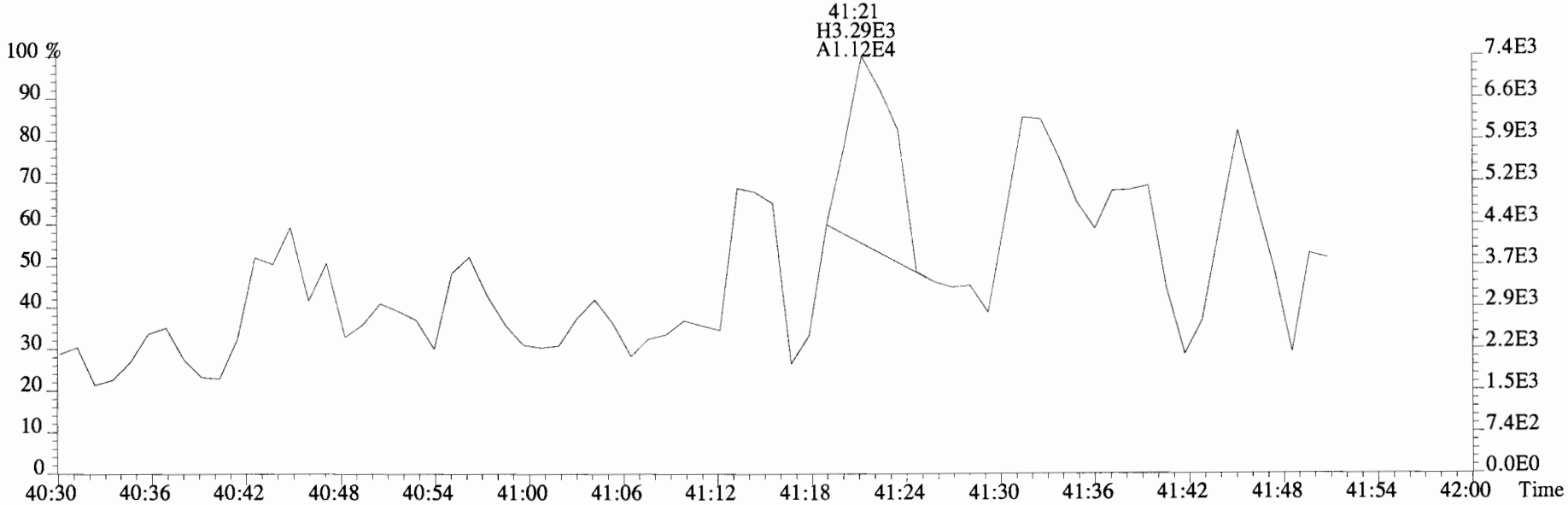
339.9177 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3336.0,0.00%,F,F)



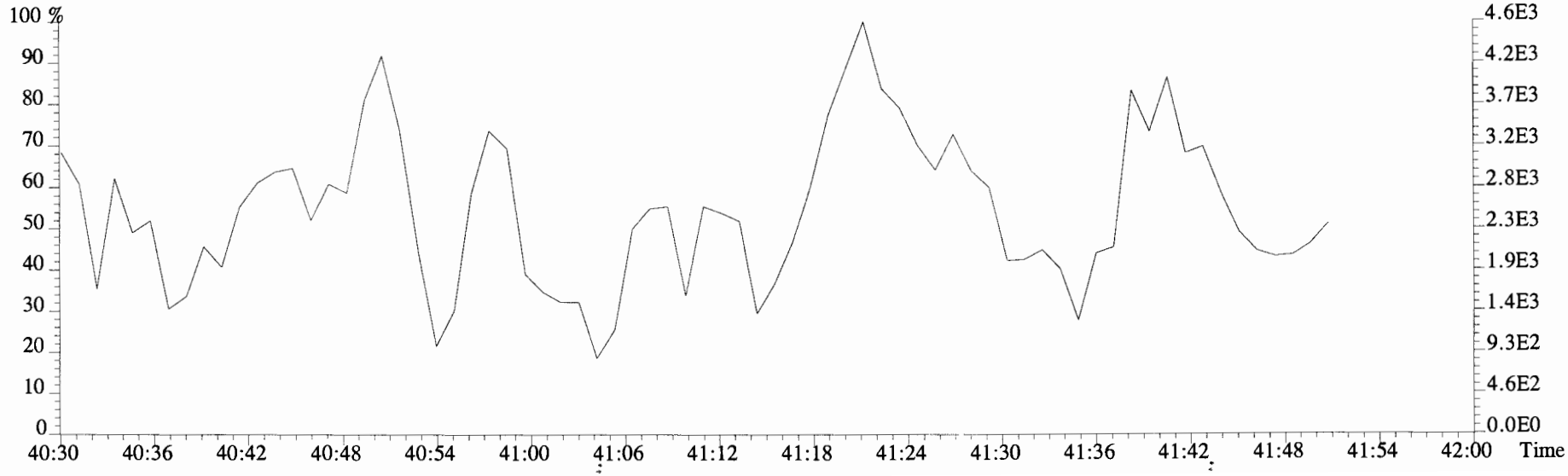
330.9792 S:12 F:3



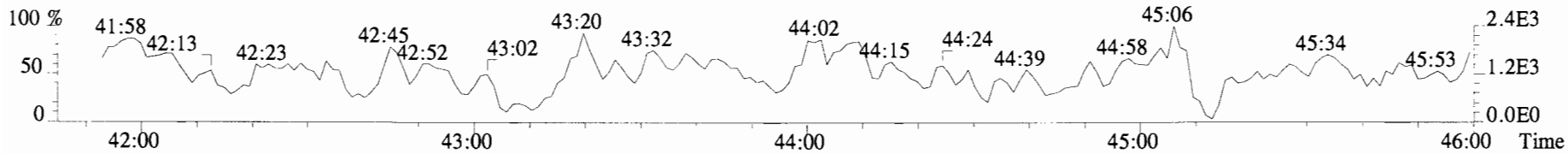
File:180315E1 #1-756 Acq:15-MAR-2018 21:26:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
337.9207 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4780.0,0.00%,F,F)



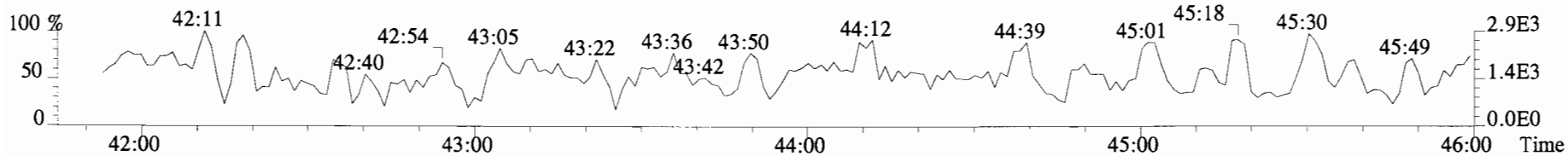
339.9177 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3336.0,0.00%,F,F)



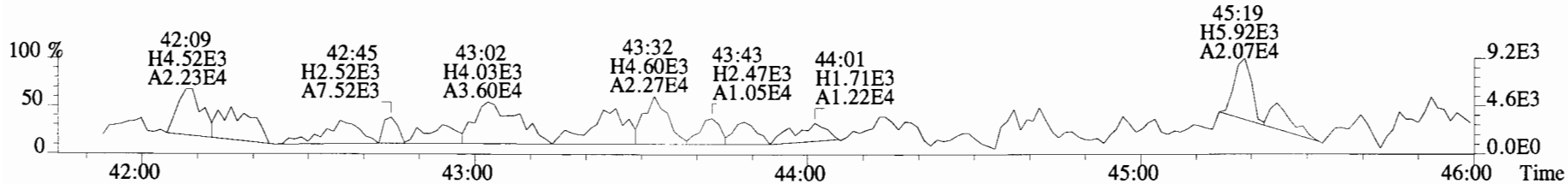
File:180315E1 #1-574 Acq:15-MAR-2018 21:26:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1608.0,0.00%,F,F)



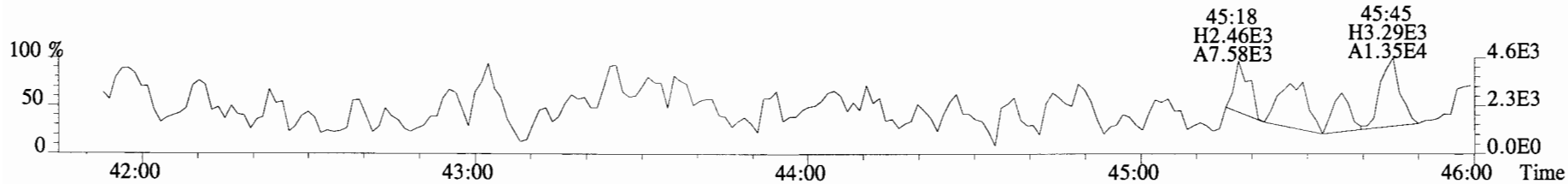
327.8775 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2064.0,0.00%,F,F)



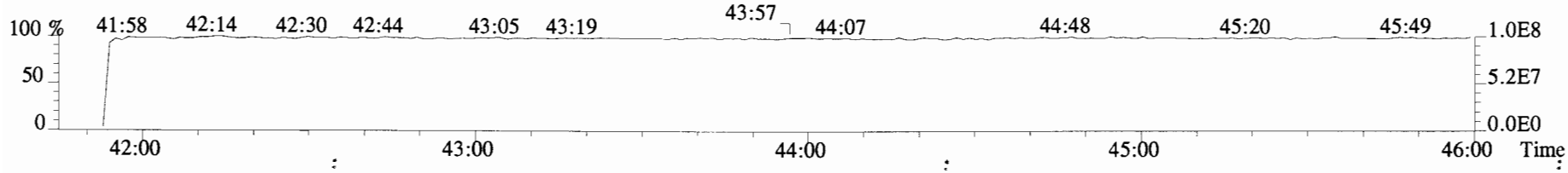
337.9207 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2888.0,0.00%,F,F)



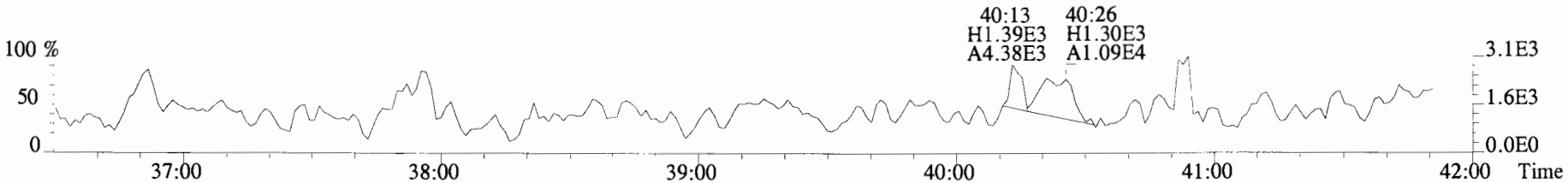
339.9177 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2624.0,0.00%,F,F)



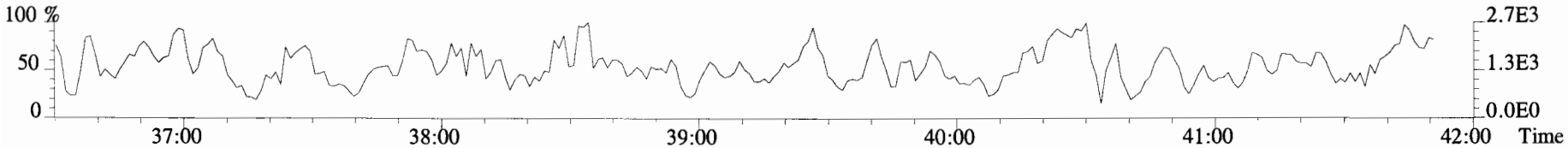
380.9760 S:12 F:4



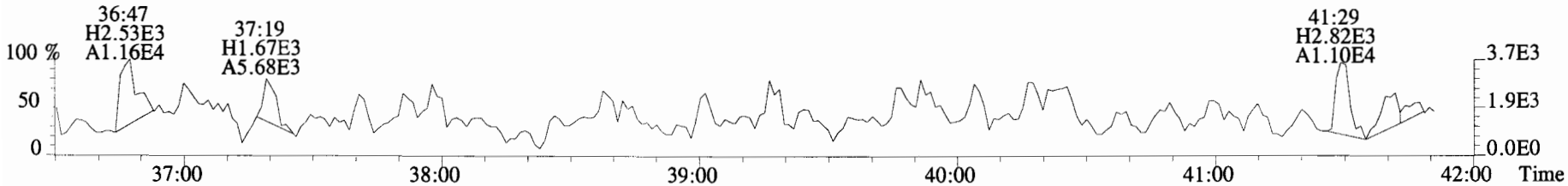
File:180315E1 #1-756 Acq:15-MAR-2018 21:26:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1752.0,0.00%,F,F)



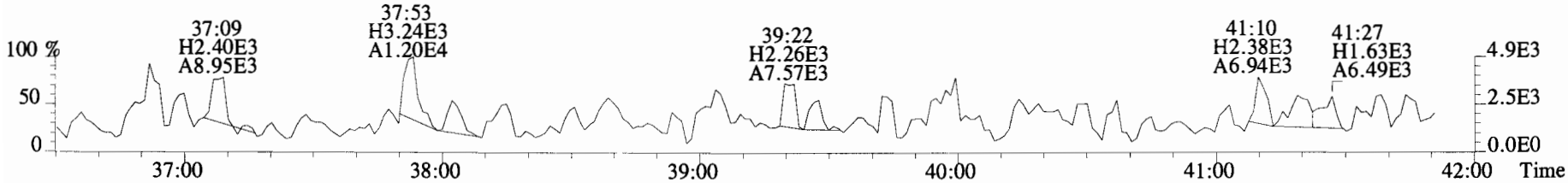
361.8385 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1824.0,0.00%,F,F)



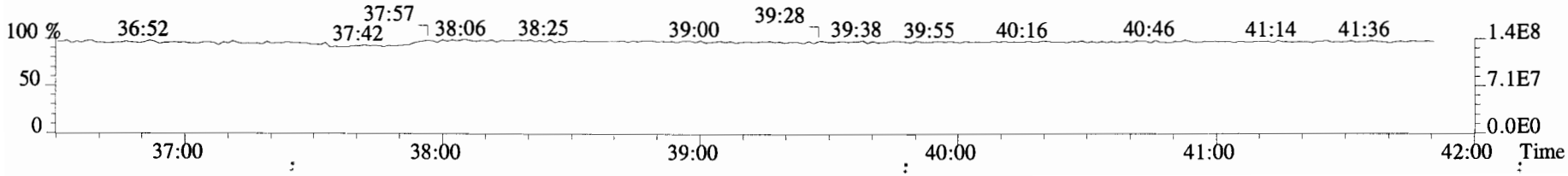
371.8817 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1852.0,0.00%,F,F)



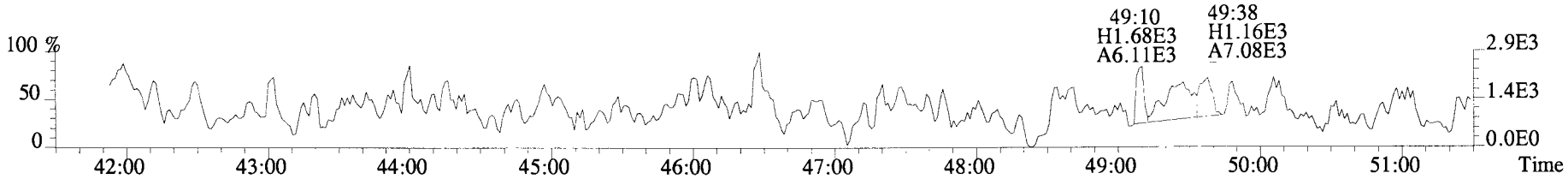
373.8788 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2124.0,0.00%,F,F)



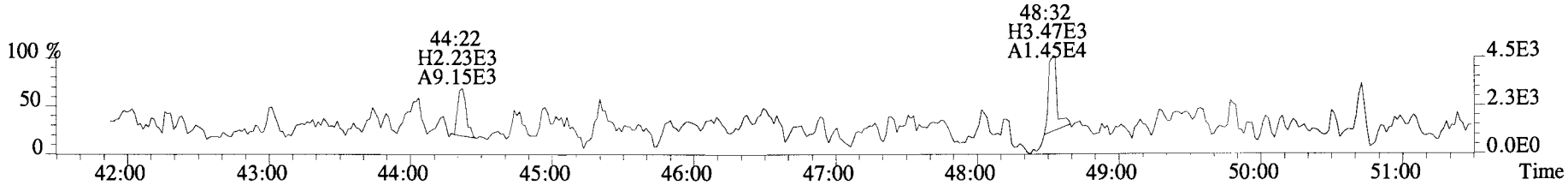
330.9792 S:12 F:3



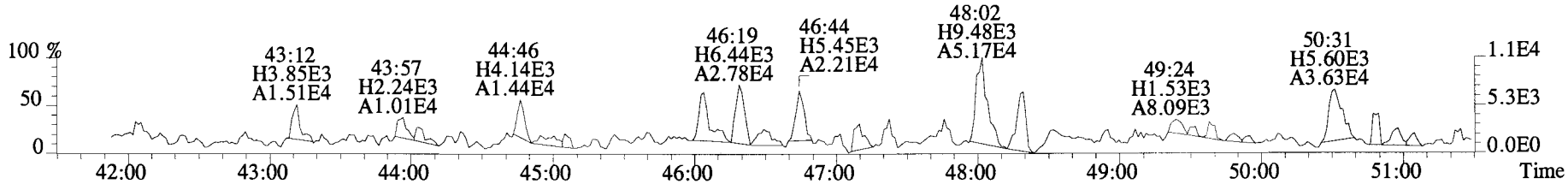
File:180315E1 #1-574 Acq:15-MAR-2018 21:26:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1512.0,0.00%,F,F)



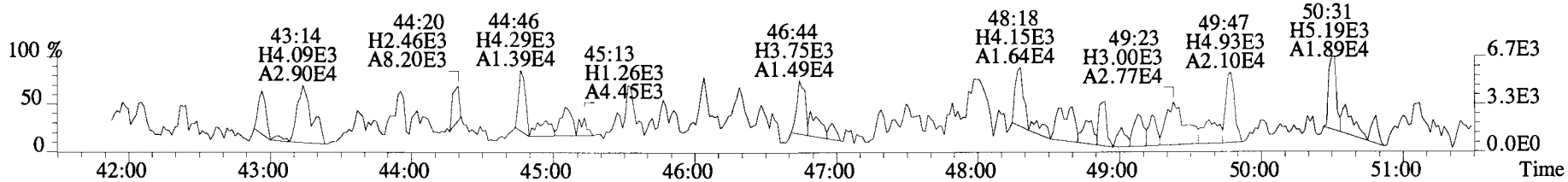
361.8385 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1716.0,0.00%,F,F)



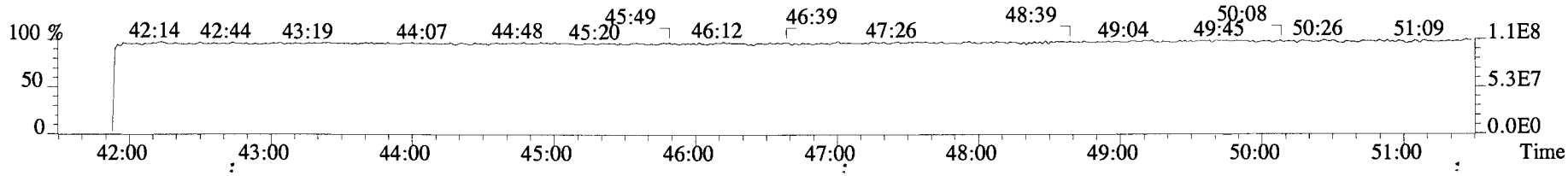
371.8817 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1984.0,0.00%,F,F)



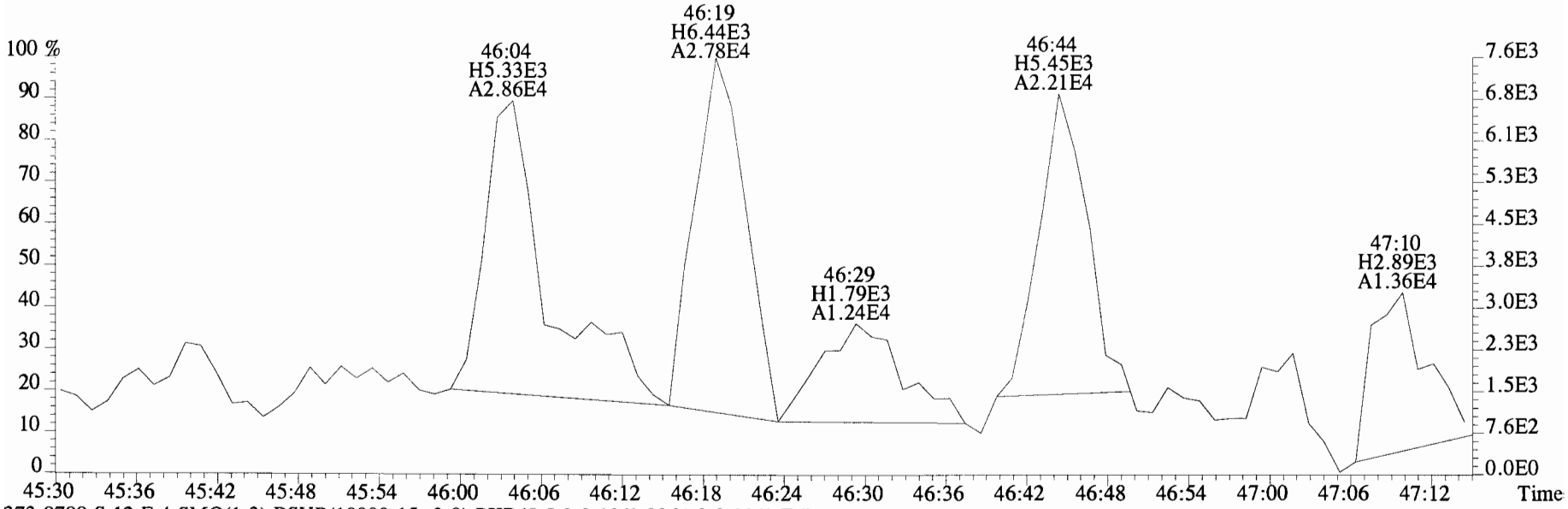
373.8788 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2264.0,0.00%,F,F)



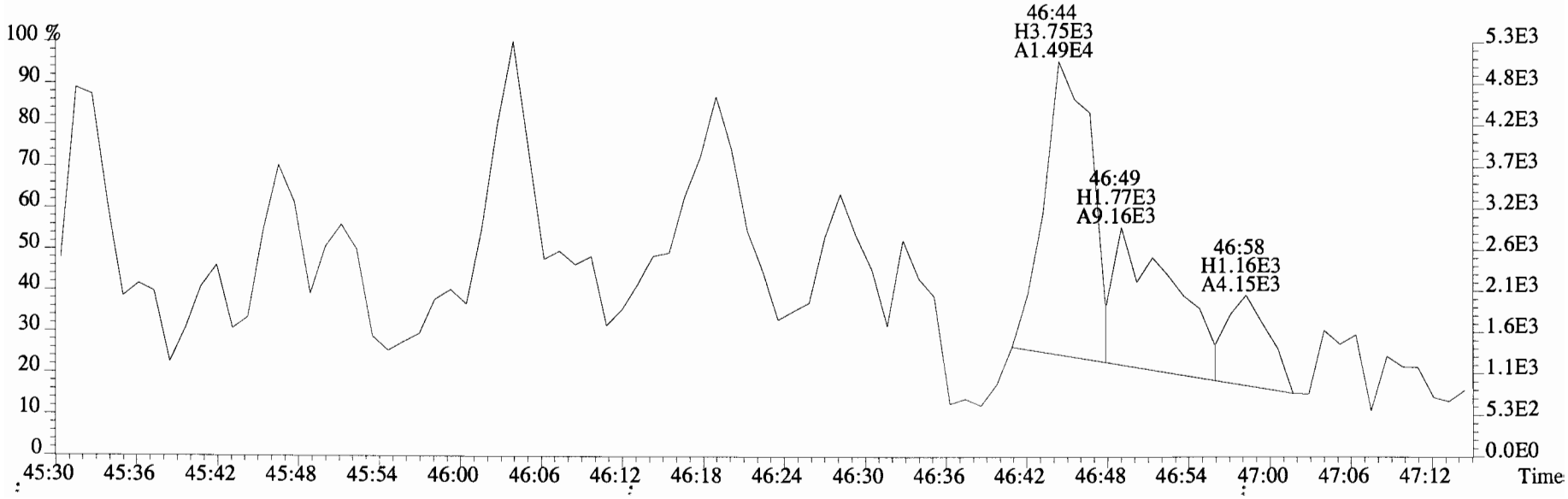
380.9760 S:12 F:4



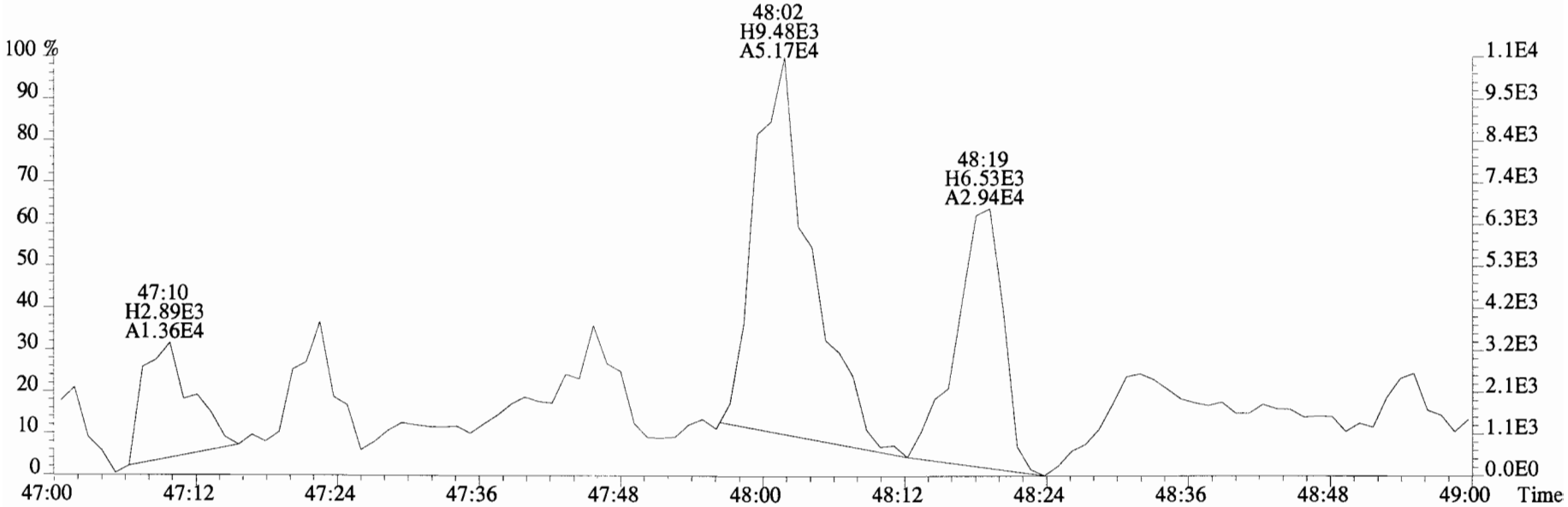
File:180315E1 #1-574 Acq:15-MAR-2018 21:26:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1984.0,0.00%,F,F)



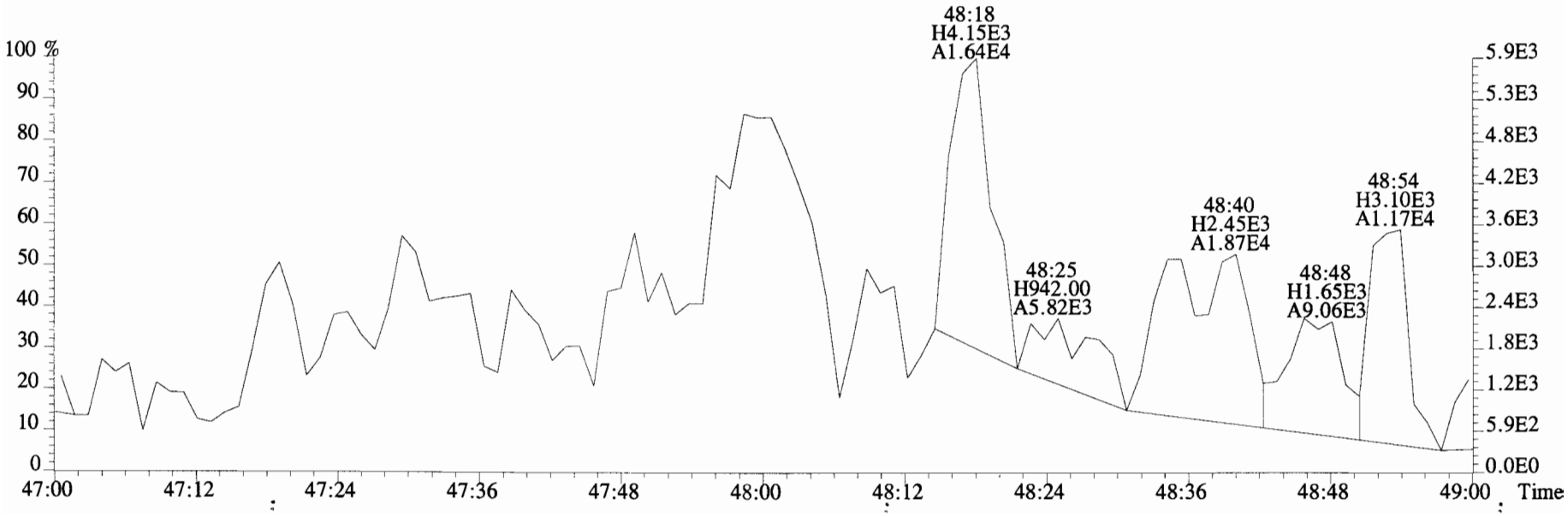
373.8788 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2264.0,0.00%,F,F)



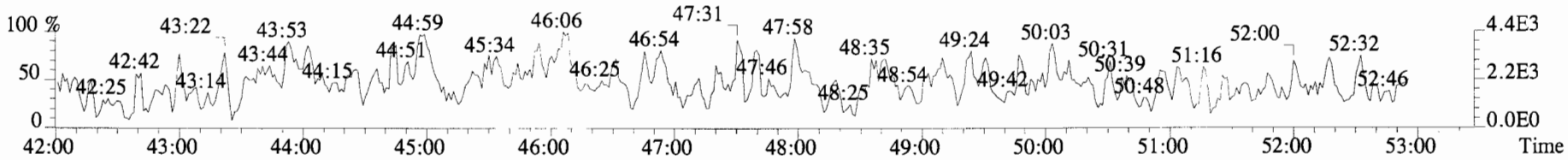
File:180315E1 #1-574 Acq:15-MAR-2018 21:26:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1984.0,0.00%,F,F)



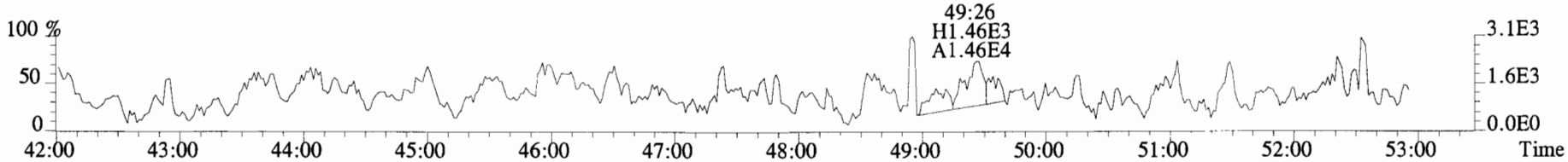
373.8788 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2264.0,0.00%,F,F)



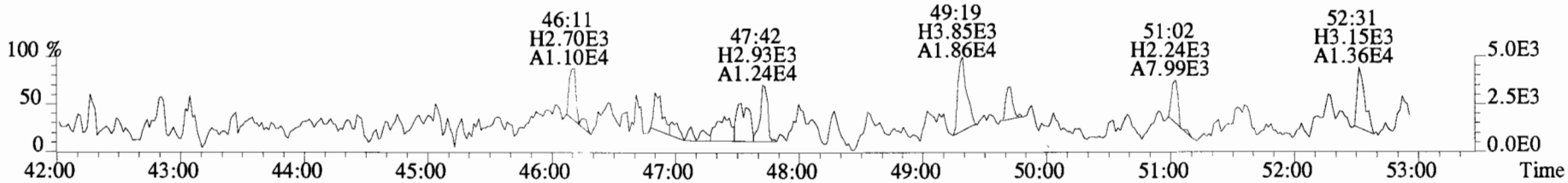
File:180315E1 #1-574 Acq:15-MAR-2018 21:26:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
393.8025 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2560.0,0.00%,F,F)



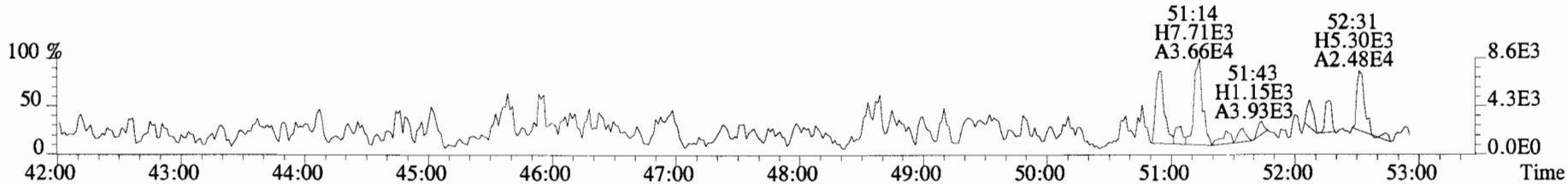
395.7995 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1580.0,0.00%,F,F)



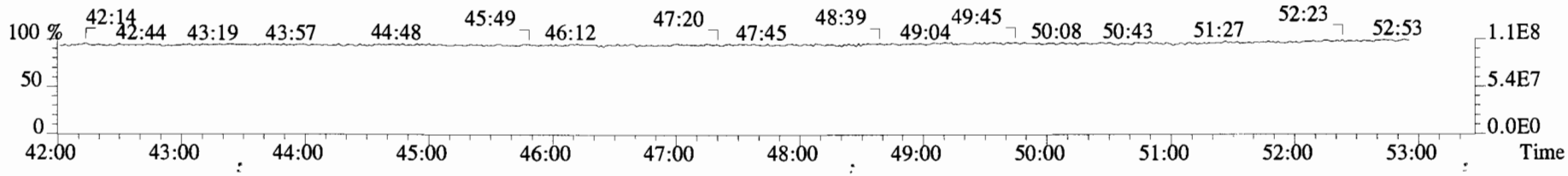
403.8457 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1800.0,0.00%,F,F)



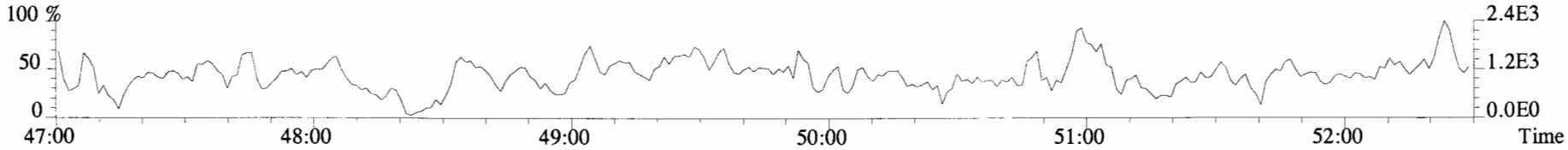
405.8428 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2568.0,0.00%,F,F)



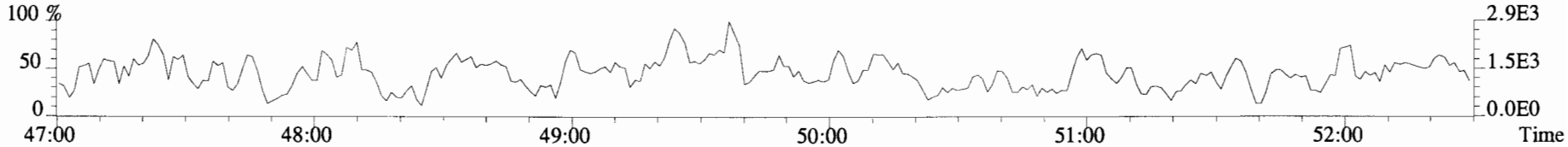
380.9760 S:12 F:4



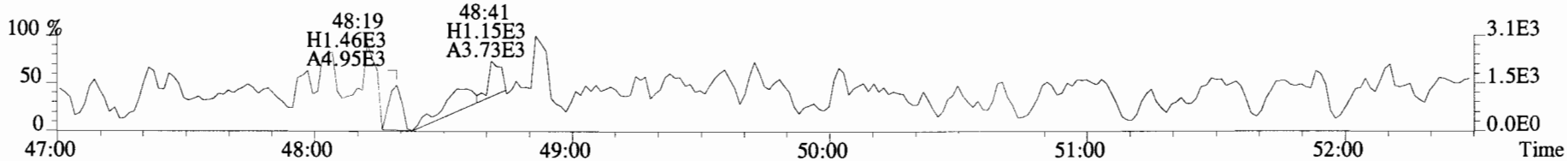
File:180315E1 #1-574 Acq:15-MAR-2018 21:26:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1480.0,0.00%,F,F)



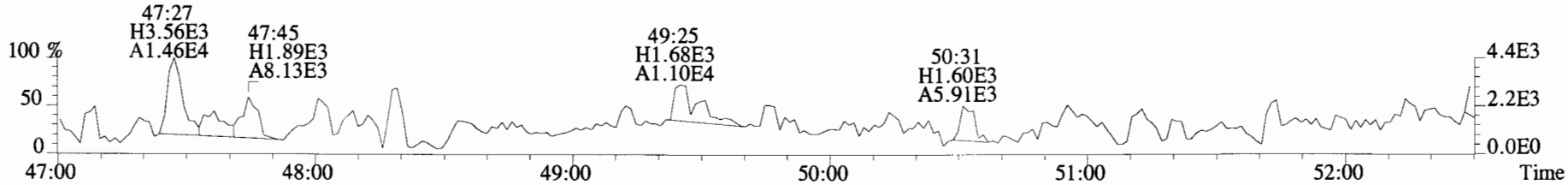
429.7606 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1708.0,0.00%,F,F)



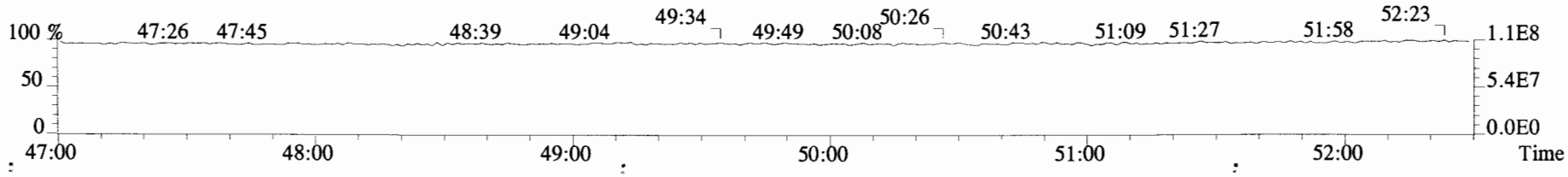
439.8038 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1672.0,0.00%,F,F)



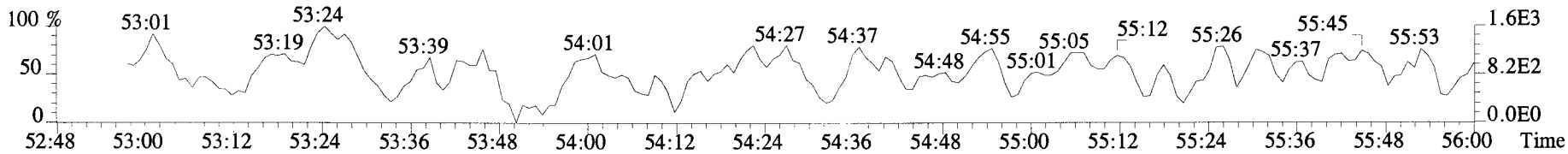
441.8008 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1744.0,0.00%,F,F)



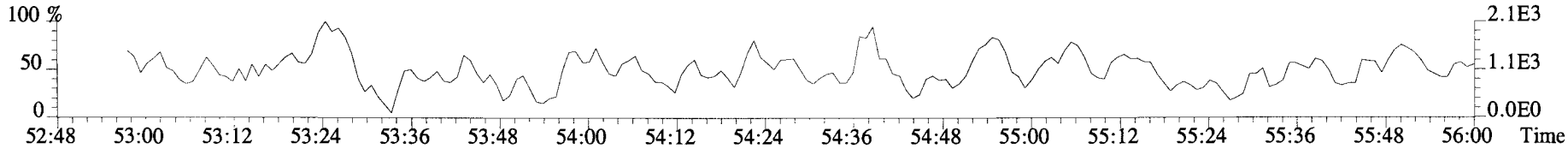
380.9760 S:12 F:4



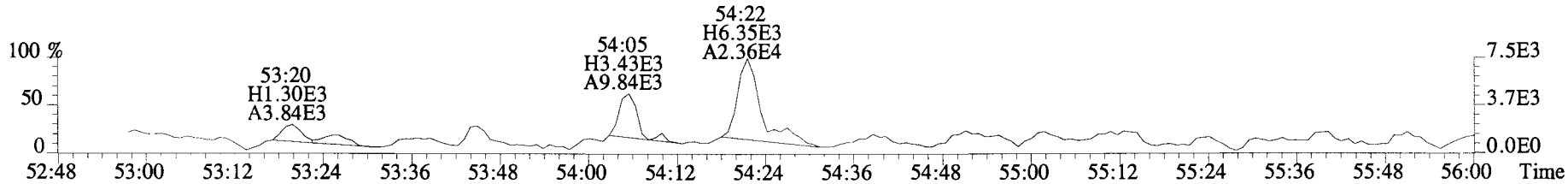
File:180315E1 #1-407 Acq:15-MAR-2018 21:26:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1112.0,0.00%,F,F)



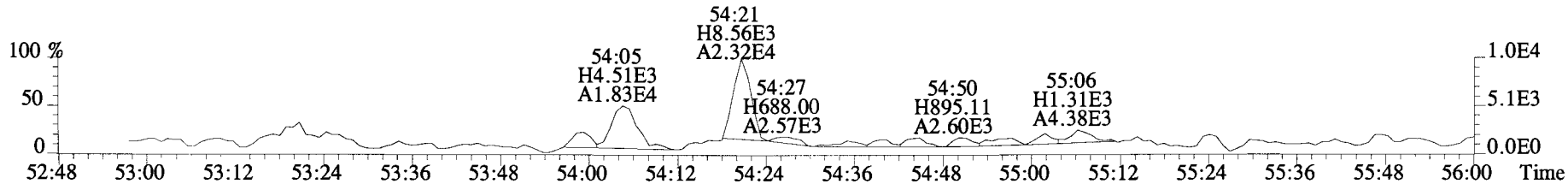
429.7606 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1348.0,0.00%,F,F)



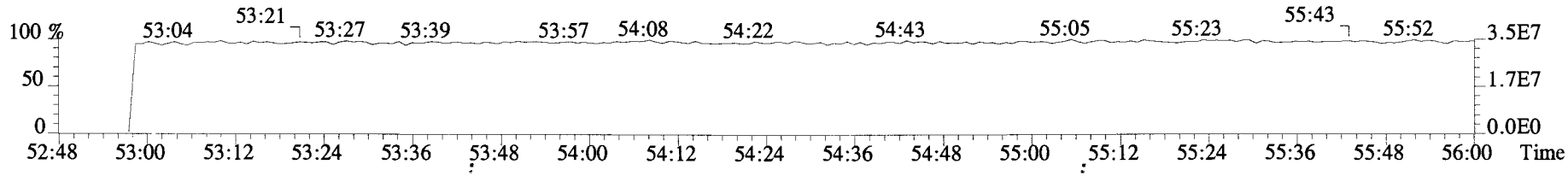
439.8038 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1400.0,0.00%,F,F)



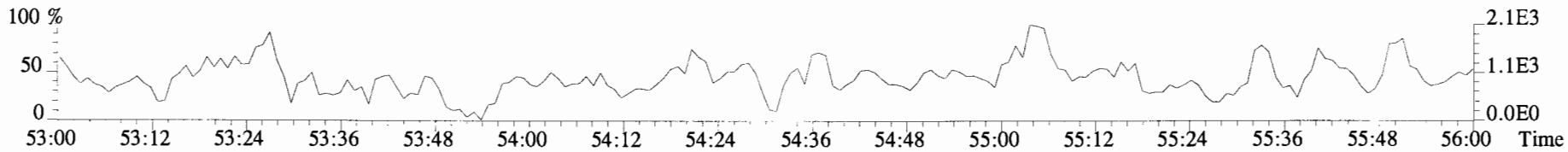
441.8008 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1672.0,0.00%,F,F)



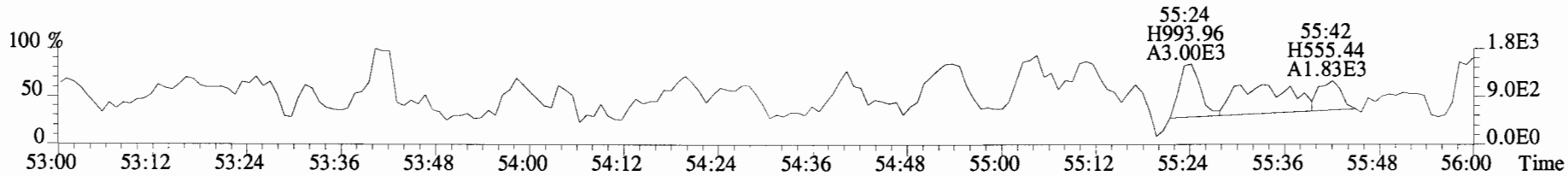
492.9697 S:12 F:5



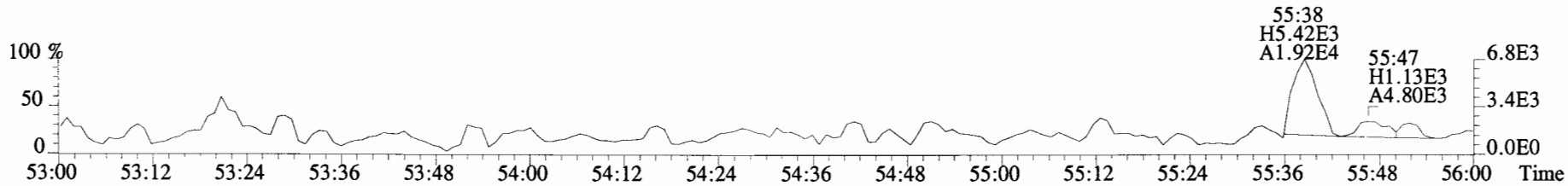
File:180315E1 #1-407 Acq:15-MAR-2018 21:26:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
463.7216 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1220.0,0.00%,F,F)



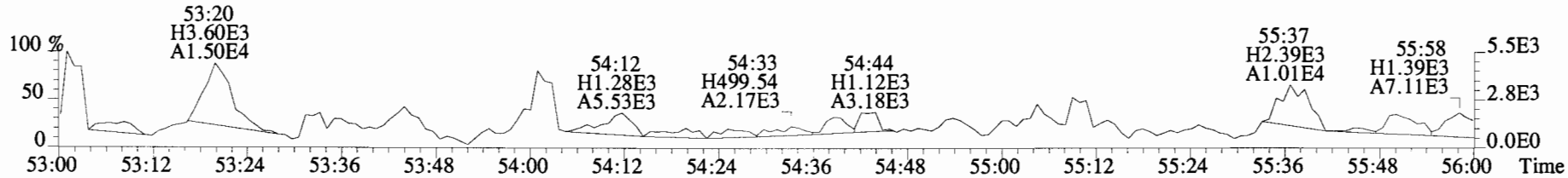
465.7186 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1220.0,0.00%,F,F)



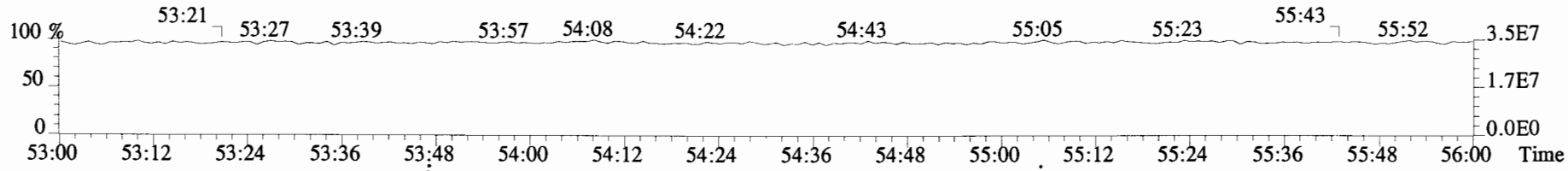
473.7648 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1768.0,0.00%,F,F)



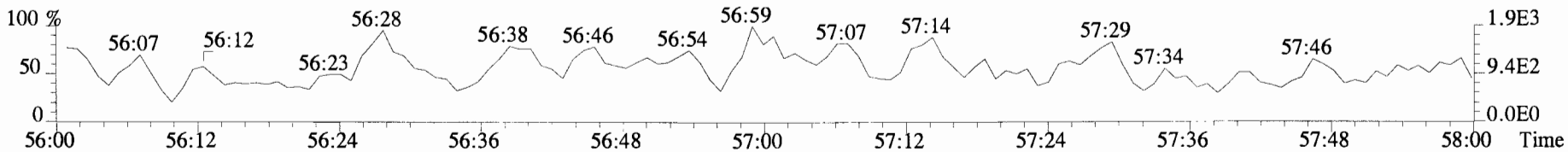
475.7619 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1576.0,0.00%,F,F)



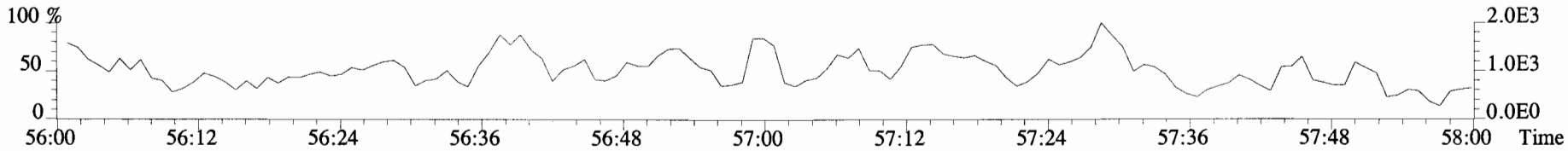
492.9697 S:12 F:5



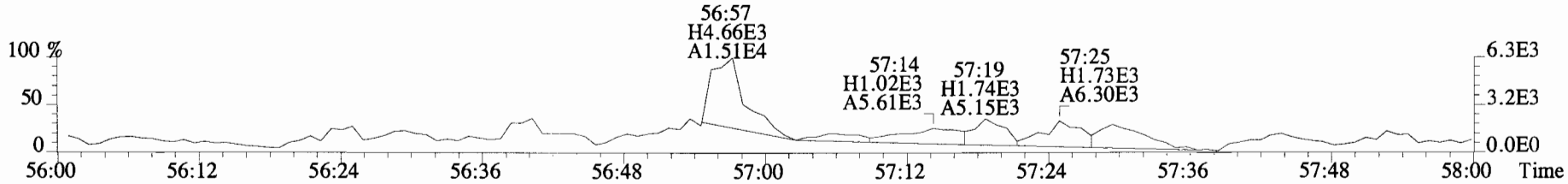
File:180315E1 #1-407 Acq:15-MAR-2018 21:26:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
497.6826 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1388.0,0.00%,F,F)



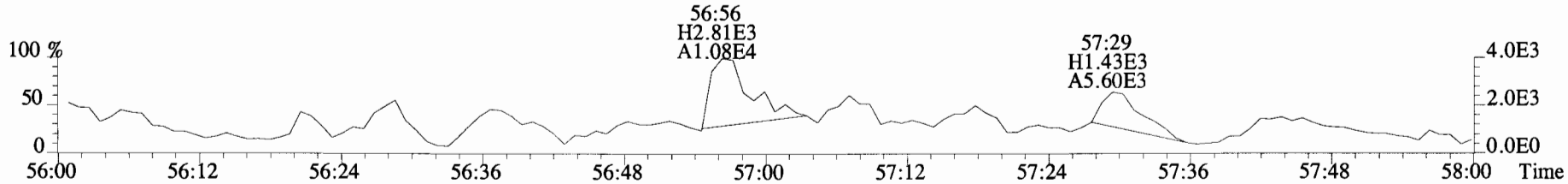
499.6797 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1332.0,0.00%,F,F)



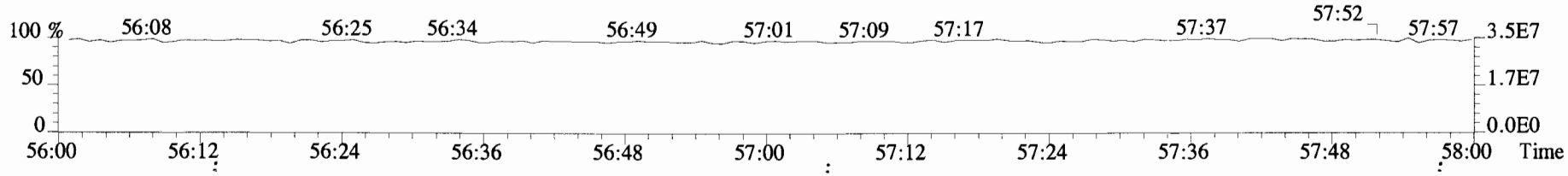
509.7229 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1308.0,0.00%,F,F)



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



492.9697 S:12 F:5



INITIAL CALIBRATION

Initial Calibration RRF Summary (ICAL) Vista Analytical Laboratory
Run: 180208E1 Analyte: PCBNEW Cal: PCBVG8-2-8-18 Inst. ID. VG-8

Data filename: 180208E1

			Samp# 1	Samp# 2	Samp# 3	Samp# 4	Samp# 5	Samp# 6
			0.25	1.0	2.5	50	400	1000
Name	Mean RRF	%RSD	RRF#1	RRF#2	RRF#3	RRF#4	RRF#5	RRF#6
PCB-1	1.073	6.13 %	1.14	1.15	1.09	1.00	1.05	1.01
PCB-2	1.059	7.19 %	1.17	1.13	1.06	0.97	1.02	1.00
PCB-3	1.061	7.61 %	1.19	1.11	1.08	0.98	1.02	0.99
PCB-4/10	1.237	6.20 %	1.29	1.35	1.27	1.16	1.20	1.15
PCB-7/9	0.993	7.86 %	1.10	1.07	1.01	0.91	0.95	0.92
PCB-6	1.058	6.90 %	1.16	1.12	1.09	0.98	1.02	0.99
PCB-5/8	1.028	6.70 %	1.10	1.11	1.03	0.96	1.00	0.96
PCB-14	1.032	5.99 %	1.01	1.13	1.08	0.99	1.00	0.98
PCB-11	1.112	6.22 %	1.18	1.19	1.15	1.05	1.06	1.04
PCB-12/13	1.018	5.16 %	1.06	1.10	1.03	0.96	0.99	0.97
PCB-15	1.055	6.07 %	1.04	1.16	1.10	1.00	1.03	0.99
PCB-19	1.197	5.83 %	1.26	1.27	1.24	1.12	1.15	1.13
PCB-30	1.927	6.78 %	2.02	2.11	1.98	1.78	1.85	1.82
PCB-18	0.913	6.05 %	0.95	0.97	0.97	0.87	0.85	0.86
PCB-17	0.841	6.27 %	0.88	0.91	0.87	0.80	0.79	0.80
PCB-24/27	1.150	4.98 %	1.15	1.24	1.20	1.10	1.11	1.11
PCB-16/32	1.020	7.62 %	1.13	1.09	1.03	0.95	0.96	0.95
PCB-34	0.960	9.39 %	0.99	1.05	1.04	0.86	0.84	0.97
PCB-23	0.949	3.39 %	0.96	0.95	0.90	0.96	0.93	1.00
PCB-29	0.962	4.29 %	1.00	0.98	0.98	0.93	0.90	0.98
PCB-26	1.003	2.77 %	1.03	1.04	1.00	0.97	0.97	1.01
PCB-25	1.056	3.69 %	1.11	1.08	1.07	1.01	1.02	1.06
PCB-31	1.116	3.10 %	1.11	1.09	1.10	1.10	1.11	1.19
PCB-28	1.137	5.24 %	1.17	1.21	1.19	1.07	1.10	1.09
PCB-20/21/33	0.995	3.84 %	1.03	1.00	0.98	0.93	0.98	1.04
PCB-22	1.087	4.60 %	1.12	1.11	1.05	1.02	1.07	1.15
PCB-36	1.150	8.05 %	1.26	1.25	1.18	1.08	1.08	1.05
PCB-39	1.069	7.17 %	1.18	1.13	1.10	1.01	1.00	0.99
PCB-38	1.102	6.63 %	1.20	1.17	1.13	1.03	1.06	1.03
PCB-35	1.123	4.97 %	1.16	1.20	1.13	1.05	1.10	1.08
PCB-37	1.113	6.98 %	1.23	1.15	1.15	1.04	1.06	1.04
PCB-54	1.073	6.41 %	1.16	1.13	1.11	1.01	1.03	1.00
PCB-50	0.873	6.47 %	0.91	0.92	0.91	0.83	0.89	0.78
PCB-53	1.010	9.26 %	1.07	1.11	1.09	0.90	0.97	0.92
PCB-51	1.100	10.14 %	1.23	1.19	1.16	0.96	1.04	1.00
PCB-45	0.872	8.59 %	0.94	0.94	0.93	0.79	0.83	0.80
PCB-46	0.837	7.72 %	0.91	0.90	0.87	0.77	0.79	0.78
PCB-52/69	1.212	3.11 %	1.24	1.24	1.25	1.15	1.19	1.20
PCB-73	1.453	12.06 %	1.69	1.60	1.52	1.29	1.36	1.27
PCB-43/49	1.011	6.23 %	1.04	1.10	1.04	0.92	0.98	0.98
PCB-47	0.906	10.99 %	0.92	1.05	0.99	0.81	0.83	0.83

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PCB-48/75	1.134	5.87 %	1.24	1.18	1.14	1.07	1.10	1.06
PCB-65	1.271	7.64 %	1.46	1.28	1.23	1.20	1.22	1.24
PCB-62	1.096	7.98 %	1.12	1.23	1.15	1.01	1.05	1.01
PCB-44	0.855	5.88 %	0.86	0.95	0.87	0.81	0.84	0.82
PCB-42/59	1.021	6.01 %	1.10	1.08	1.03	0.94	1.00	0.97
PCB-41/64/71/72	1.166	4.31 %	1.23	1.22	1.17	1.10	1.16	1.13
PCB-68	1.278	8.40 %	1.47	1.31	1.27	1.18	1.23	1.20
PCB-40	0.624	4.82 %	0.64	0.66	0.65	0.59	0.61	0.59
PCB-57	1.129	9.12 %	1.24	1.26	1.15	1.03	1.06	1.04
PCB-67	1.103	8.98 %	1.25	1.20	1.07	1.00	1.04	1.05
PCB-58	1.123	7.27 %	1.15	1.18	1.25	1.03	1.08	1.07

PCB-63	1.001	7.38 %	1.13	1.04	0.99	0.94	0.96	0.94
PCB-74	1.184	6.77 %	1.27	1.28	1.20	1.10	1.12	1.12
PCB-61/70	1.028	8.08 %	1.14	1.09	1.07	0.95	0.97	0.95
PCB-76/66	1.134	6.53 %	1.23	1.21	1.15	1.06	1.08	1.07
PCB-80	1.193	7.80 %	1.29	1.30	1.24	1.10	1.12	1.11
PCB-55	1.159	5.51 %	1.20	1.24	1.20	1.07	1.12	1.12
PCB-56/60	1.043	6.71 %	1.13	1.12	1.05	0.97	0.99	0.99
PCB-79	1.169	7.70 %	1.30	1.25	1.18	1.08	1.10	1.10
PCB-78	1.105	7.95 %	1.23	1.19	1.11	1.02	1.05	1.03
PCB-81	0.969	6.28 %	1.01	1.06	0.99	0.90	0.94	0.91
PCB-77	1.082	8.00 %	1.22	1.15	1.08	1.00	1.03	1.02
PCB-104	1.078	8.00 %	1.17	1.18	1.10	0.99	1.02	1.00
PCB-96	1.131	4.84 %	1.14	1.22	1.14	1.06	1.13	1.10
PCB-103	0.908	6.15 %	0.96	0.98	0.87	0.84	0.90	0.88
PCB-100	0.925	3.63 %	0.94	0.98	0.93	0.88	0.93	0.90
PCB-94	0.914	6.18 %	0.97	0.96	0.96	0.84	0.89	0.87
PCB-95/98/102	1.172	8.23 %	1.32	1.23	1.18	1.08	1.15	1.07
PCB-93	0.926	4.63 %	0.97	0.98	0.94	0.89	0.87	0.91
PCB-88/91	0.974	9.21 %	1.06	1.07	1.04	0.87	0.92	0.89
PCB-121	1.681	5.57 %	1.83	1.73	1.57	1.63	1.72	1.61
PCB-84/92	0.973	5.66 %	1.01	1.04	1.02	0.90	0.95	0.92
PCB-89	1.065	6.31 %	1.14	1.12	1.12	0.99	1.04	0.99
PCB-90/101	1.077	5.48 %	1.14	1.13	1.10	1.01	1.06	1.01
PCB-113	1.477	4.68 %	1.52	1.57	1.51	1.43	1.38	1.46
PCB-99	1.253	9.15 %	1.43	1.30	1.23	1.14	1.31	1.12
PCB-119	1.700	3.91 %	1.66	1.81	1.76	1.63	1.67	1.68
PCB-108/112	1.404	6.74 %	1.50	1.53	1.43	1.32	1.31	1.34
PCB-83	1.754	6.67 %	1.89	1.89	1.78	1.61	1.71	1.65
PCB-97	1.175	4.87 %	1.24	1.24	1.19	1.12	1.13	1.12
PCB-86	1.082	3.73 %	1.04	1.11	1.15	1.06	1.07	1.06
PCB-87/117/125	1.552	4.81 %	1.62	1.64	1.59	1.46	1.49	1.50
PCB-111/115	1.794	6.19 %	1.90	1.96	1.78	1.67	1.74	1.72
PCB-85/116	1.291	3.58 %	1.27	1.34	1.36	1.25	1.26	1.26
PCB-120	1.983	6.99 %	2.18	2.14	1.93	1.85	1.91	1.90
PCB-110	1.685	5.66 %	1.74	1.69	1.85	1.60	1.63	1.61
PCB-82	0.807	7.47 %	0.86	0.86	0.86	0.73	0.76	0.77
PCB-124	1.296	4.96 %	1.24	1.34	1.36	1.29	1.20	1.33
PCB-107/109	1.314	9.40 %	1.50	1.39	1.34	1.17	1.28	1.19
PCB-123	1.119	6.63 %	1.25	1.16	1.12	1.05	1.06	1.07
PCB-106/118	1.179	5.88 %	1.21	1.27	1.23	1.10	1.16	1.10
PCB-114	1.112	5.81 %	1.16	1.18	1.17	1.04	1.08	1.04
PCB-122	1.028	6.25 %	1.14	1.06	1.02	0.98	0.99	0.97
PCB-105	1.123	5.02 %	1.15	1.21	1.15	1.06	1.09	1.08
PCB-127	1.118	6.67 %	1.21	1.19	1.15	1.03	1.08	1.05
PCB-126	1.200	4.09 %	1.24	1.24	1.25	1.13	1.18	1.16
PCB-155	0.987	6.92 %	1.06	1.07	1.01	0.91	0.95	0.93
PCB-150	1.025	4.44 %	1.07	1.07	1.05	0.97	1.01	0.98
PCB-152	1.157	4.55 %	1.24	1.19	1.17	1.09	1.14	1.11
PCB-145	1.129	4.88 %	1.18	1.20	1.14	1.06	1.11	1.08
PCB-136	1.023	7.49 %	1.11	1.08	1.08	0.92	0.98	0.97

PCB-148	0.773	3.42 %	0.80	0.79	0.73	0.76	0.79	0.77
PCB-154	0.876	5.39 %	0.97	0.87	0.86	0.83	0.87	0.85
PCB-151	0.752	2.07 %	0.74	0.76	0.77	0.73	0.76	0.74
PCB-135	0.860	5.19 %	0.86	0.94	0.81	0.82	0.87	0.85
PCB-144	0.766	5.72 %	0.79	0.78	0.83	0.73	0.75	0.72
PCB-147	0.805	4.47 %	0.87	0.81	0.80	0.78	0.81	0.76
PCB-139/149	0.880	3.35 %	0.90	0.92	0.88	0.84	0.89	0.85
PCB-140	0.769	4.96 %	0.80	0.81	0.78	0.73	0.76	0.72
PCB-134/143	0.762	5.66 %	0.80	0.81	0.79	0.71	0.75	0.72
PCB-131/133	0.817	4.62 %	0.85	0.86	0.83	0.76	0.80	0.80
PCB-142	0.732	6.54 %	0.81	0.73	0.77	0.68	0.71	0.70

PCB-146/165	1.020	5.25 %	1.08	1.07	1.04	0.94	0.99	0.99
PCB-132/161	1.004	4.87 %	1.04	1.07	1.02	0.93	0.98	0.98
PCB-153	1.077	6.13 %	1.16	1 16	1.07	1.01	1.04	1.02
PCB-168	1.117	11.99 %	1.37	1.14	1.11	1.00	1.05	1.04
PCB-141	1.018	6.34 %	1.06	1.10	1.06	0.94	0.98	0.97
PCB-137	1.103	7.02 %	1.21	1.19	1.05	1.04	1.06	1.07
PCB-130	0.806	5.09 %	0.84	0.78	0.87	0.77	0.80	0.77
PCB-138/163/164	1.235	6.33 %	1.33	1.32	1.25	1.13	1.20	1.18
PCB-158/160	1.182	6.67 %	1.27	1.28	1.16	1.09	1.15	1.12
PCB-129	0.782	8.19 %	0.89	0.82	0.78	0.72	0.75	0.73
PCB-166	1.127	7.00 %	1.20	1.24	1.13	1.04	1.09	1.06
PCB-159	1.158	3.96 %	1.15	1.23	1.18	1.10	1.16	1.13
PCB-128/162	0.892	5.71 %	0.89	0.96	0.94	0.84	0.87	0.85
PCB-167	1.020	5.21 %	1.03	1.09	1.07	0.95	1.00	0.97
PCB-156	1.064	8.36 %	1.18	1.13	1.11	0.97	1.00	0.99
PCB-157	1.025	6.13 %	1.10	1.09	1.05	0.96	0.98	0.97
PCB-169	1.130	4.80 %	1.15	1.22	1.15	1.06	1.10	1.10
PCB-188	1.373	8.18 %	1.53	1.46	1.40	1.24	1.31	1.30
PCB-184	1.319	5.43 %	1.40	1.41	1.33	1.23	1.28	1.27
PCB-179	1.385	5.63 %	1.50	1.44	1.41	1.29	1.33	1.33
PCB-176	1.309	7.50 %	1.48	1.36	1.29	1.23	1.25	1.25
PCB-186	1.421	7.44 %	1.54	1.57	1.34	1.31	1.37	1.39
PCB-178	0.970	4.41 %	0.99	1.05	0.96	0.93	0.94	0.96
PCB-175	0.998	2.87 %	0.99	1.04	1.01	0.96	0.99	1.01
PCB-182/187	1.142	6.04 %	1.25	1.20	1.09	1.07	1.11	1.13
PCB-183	1.128	6.01 %	1.24	1.18	1.12	1.06	1.07	1.10
PCB-185	1.355	6.16 %	1.31	1.50	1.39	1.28	1.34	1.30
PCB-174	1.415	7.45 %	1.49	1.46	1.55	1.27	1.36	1.35
PCB-181	1.475	3.67 %	1.52	1.55	1.41	1.44	1.49	1.43
PCB-177	1.327	4.38 %	1.41	1.38	1.31	1.27	1.31	1.28
PCB-171	1.370	5.85 %	1.46	1.43	1.43	1.26	1.34	1.31
PCB-173	1.268	7.66 %	1.43	1.31	1.29	1.16	1.23	1.19
PCB-172	1.386	4.08 %	1.38	1.46	1.43	1.30	1.39	1.36
PCB-192	1.804	3.70 %	1.81	1.88	1.85	1.69	1.82	1.77
PCB-180	1.516	5.07 %	1.61	1.56	1.57	1.41	1.49	1.46
PCB-193	1.712	9.38 %	1.96	1.86	1.66	1.55	1.64	1.60
PCB-191	1.739	4.26 %	1.76	1.81	1.83	1.63	1.71	1.69
PCB-170	1.436	6.83 %	1.39	1.63	1.43	1.35	1.42	1.40
PCB-190	1.953	6.00 %	2.01	2.15	1.93	1.80	1.94	1.89
PCB-189	1.457	7.03 %	1.59	1.56	1.49	1.35	1.38	1.38
PCB-202	1.060	3.15 %	1.09	1.08	1.09	1.01	1.05	1.04
PCB-201	0.977	3.37 %	0.99	1.02	1.01	0.94	0.95	0.95
PCB-204	1.070	6.47 %	1.07	1.19	1.08	0.99	1.06	1.04
PCB-197	1.098	9.42 %	1.20	1.24	1.12	0.98	1.03	1.03
PCB-200	1.041	7.42 %	1.08	1.15	1.08	0.94	0.99	1.00
PCB-198	0.839	8.60 %	0.87	0.95	0.88	0.77	0.77	0.80
PCB-199	0.799	9.16 %	0.87	0.90	0.77	0.71	0.78	0.77
PCB-196/203	0.841	8.91 %	0.81	0.98	0.87	0.76	0.81	0.82
PCB-195	1.036	6.19 %	1.11	1.11	1.04	0.98	1.01	0.97
PCB-194	1.157	8.11 %	1.32	1.21	1.16	1.07	1.11	1.07

PCB-205	1.330	5.04 %	1.40	1.41	1.35	1.26	1.30	1.26
PCB-208	0.896	4.81 %	0.92	0.92	0.96	0.84	0.88	0.86
PCB-207	0.888	5.44 %	0.89	0.97	0.90	0.83	0.88	0.87
PCB-206	0.881	4.46 %	0.93	0.92	0.91	0.84	0.86	0.84
PCB-209	1.042	5.70 %	1.12	1.09	1.05	0.96	1.02	1.00
Total Mono-PCB	1.064	6.89 %	1.16	1.13	1.08	0.98	1.03	1.00
Total Di-PCB	1.038	5.93 %	1.09	1.12	1.06	0.98	1.00	0.98
Total Tri-PCB	1.150	5.95 %	1.21	1.24	1.19	1.08	1.10	1.09

Total Tri-PCB	1.051	4.10 %	1.10	1.09	1.06	1.00	1.01	1.04
Total Tetra-PCB	1.063	6.28 %	1.14	1.13	1.09	0.98	1.03	1.00
Total Penta-PCB	1.180	5.40 %	1.25	1.25	1.19	1.10	1.15	1.12
Total Penta-PCB	1.116	5.24 %	1.18	1.17	1.14	1.05	1.09	1.06
Total Hexa-PCB	0.906	4.09 %	0.95	0.94	0.91	0.86	0.90	0.87
Total Hexa-PCB	1.002	5.66 %	1.07	1.07	1.02	0.93	0.97	0.96
Total Hepta-PCB	1.348	5.12 %	1.44	1.42	1.35	1.26	1.31	1.31
Total Octa-PCB	0.952	6.67 %	0.98	1.05	0.97	0.87	0.92	0.92
Total Octa-PCB	1.174	6.25 %	1.28	1.24	1.18	1.10	1.14	1.10
Total Nona-PCB	0.889	4.53 %	0.91	0.94	0.92	0.83	0.87	0.86
Total Deca-PCB	1.042	5.70 %	1.12	1.09	1.05	0.96	1.02	1.00
13C-PCB-1	1.132	5.38 %	1.07	1.10	1.16	1.17	1.07	1.22
13C-PCB-3	1.212	4.20 %	1.16	1.18	1.24	1.25	1.17	1.28
13C-PCB-4	0.595	4.03 %	0.57	0.58	0.60	0.62	0.57	0.62
13C-PCB-9	0.942	2.13 %	0.93	0.94	0.95	0.96	0.91	0.96
13C-PCB-11	0.949	0.68 %	0.96	0.94	0.95	0.95	0.94	0.95
13C-PCB-19	0.624	2.08 %	0.61	0.61	0.63	0.63	0.64	0.63
13C-PCB-32	0.911	2.87 %	0.91	0.90	0.90	0.89	0.96	0.91
13C-PCB-28	1.049	7.16 %	1.14	1.10	1.08	1.01	1.03	0.93
13C-PCB-37	1.019	2.48 %	1.04	0.99	1.00	1.01	1.04	1.05
13C-PCB-54	0.930	6.17 %	0.91	1.01	0.99	0.91	0.86	0.90
13C-PCB-52	0.765	3.00 %	0.75	0.79	0.79	0.77	0.74	0.75
13C-PCB-47	0.835	2.53 %	0.82	0.85	0.87	0.83	0.82	0.83
13C-PCB-70	0.999	0.90 %	0.98	1.00	1.01	1.00	1.01	1.00
13C-PCB-80	0.997	0.93 %	0.99	0.98	1.00	1.01	1.01	0.99
13C-PCB-81	1.008	1.10 %	1.01	1.00	0.99	1.01	1.02	1.01
13C-PCB-77	0.961	2.04 %	0.95	0.94	0.94	0.98	0.99	0.97
13C-PCB-104	1.008	3.81 %	0.99	1.02	1.08	1.01	0.97	0.99
13C-PCB-95	0.803	2.13 %	0.78	0.80	0.83	0.80	0.79	0.81
13C-PCB-101	0.803	1.33 %	0.80	0.80	0.82	0.80	0.79	0.81
13C-PCB-97	0.702	0.74 %	0.70	0.70	0.71	0.70	0.70	0.70
13C-PCB-123	0.946	1.26 %	0.95	0.93	0.95	0.96	0.95	0.93
13C-PCB-118	0.997	1.85 %	0.99	0.97	0.98	1.02	1.01	1.01
13C-PCB-114	1.183	2.55 %	1.18	1.20	1.23	1.18	1.14	1.17
13C-PCB-105	1.142	2.43 %	1.11	1.16	1.18	1.16	1.11	1.13
13C-PCB-127	1.243	2.02 %	1.25	1.24	1.26	1.26	1.20	1.24
13C-PCB-126	1.137	1.36 %	1.14	1.13	1.14	1.16	1.11	1.14
13C-PCB-155	0.826	2.54 %	0.84	0.84	0.85	0.81	0.82	0.80
13C-PCB-153	1.336	2.63 %	1.33	1.36	1.39	1.33	1.32	1.28
13C-PCB-141	1.107	2.34 %	1.10	1.13	1.15	1.10	1.10	1.08
13C-PCB-138	1.173	0.83 %	1.16	1.17	1.19	1.18	1.18	1.16
13C-PCB-159	1.388	1.05 %	1.38	1.39	1.36	1.40	1.40	1.40
13C-PCB-167	1.400	1.06 %	1.40	1.38	1.42	1.41	1.40	1.39
13C-PCB-156	1.383	2.80 %	1.37	1.32	1.44	1.38	1.40	1.39
13C-PCB-157	1.372	3.13 %	1.36	1.30	1.44	1.37	1.37	1.39
13C-PCB-169	1.391	2.57 %	1.35	1.39	1.45	1.39	1.37	1.40
13C-PCB-188	1.398	3.12 %	1.37	1.40	1.47	1.38	1.41	1.35
13C-PCB-180	0.977	3.62 %	0.97	0.93	1.04	0.97	0.97	0.98
13C-PCB-170	0.858	3.97 %	0.83	0.84	0.92	0.86	0.83	0.87
13C-PCB-189	1.149	2.75 %	1.13	1.12	1.20	1.13	1.15	1.17
13C-PCB-202	1.281	4.41 %	1.28	1.19	1.36	1.28	1.30	1.28

13C-PCB-194	0.770	1.20 %	0.76	0.76	0.77	0.76	0.77	0.79
13C-PCB-208	1.093	1.71 %	1.11	1.08	1.07	1.07	1.11	1.11
13C-PCB-206	0.808	1.98 %	0.80	0.80	0.80	0.80	0.82	0.83
13C-PCB-209	0.736	3.69 %	0.69	0.74	0.74	0.74	0.76	0.76
13C-PCB-15	1.000	0.00 %	1.00	1.00	1.00	1.00	1.00	1.00
13C-PCB-31	1.000	0.00 %	1.00	1.00	1.00	1.00	1.00	1.00
13C-PCB-60	1.000	0.00 %	1.00	1.00	1.00	1.00	1.00	1.00
13C-PCB-111	1.000	0.00 %	1.00	1.00	1.00	1.00	1.00	1.00
13C-PCB-128	1.000	0.00 %	1.00	1.00	1.00	1.00	1.00	1.00
13C-PCB-182	1.000	0.00 %	1.00	1.00	1.00	1.00	1.00	1.00

13C-PCB-205	1.000	0.00 %	1.00	1.00	1.00	1.00	1.00	1.00
13C-PCB-79	1.034	0.79 %	1.02	1.05	1.03	1.03	1.04	1.04
13C-PCB-178	0.927	1.97 %	0.92	0.95	0.93	0.91	0.94	0.90
13C-PCB-79	1.026	1.27 %	1.02	1.05	1.04	1.02	1.01	1.02
13C-PCB-178	0.950	4.64 %	0.95	1.02	0.89	0.94	0.98	0.92

Filename: 180208E1 S: 1 Acquired: 8-FEB-18 08:34:42
Run: 180208E1 Analyte: PCBNEW ICal: PCBVG8-2-8-18 Results:
Sample text: ST180208E1-1 PCB CS0 17L3003

	Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Mono	PCB-1	0.25	8.77e+05	2.96 y	16:01	-	1.14
2	Mono	PCB-2	0.25	9.76e+05	2.96 y	18:24	-	1.17
3	Mono	PCB-3	0.25	9.95e+05	3.27 y	18:38	-	1.19
4	Di	PCB-4/10	0.50	1.06e+06	1.63 y	20:01	-	1.29
5	Di	PCB-7/9	0.50	1.47e+06	1.53 y	21:48	-	1.10
6	Di	PCB-6	0.25	7.75e+05	1.39 y	22:28	-	1.16
7	Di	PCB-5/8	0.50	1.48e+06	1.51 y	22:52	-	1.10
8	Di	PCB-14	0.25	6.97e+05	1.76 y	23:59	-	1.01
9	Di	PCB-11	0.25	8.16e+05	1.52 y	25:10	-	1.18
10	Di	PCB-12/13	0.50	1.46e+06	1.69 y	25:34	-	1.06
11	Di	PCB-15	0.25	7.19e+05	1.79 y	25:53	-	1.04
12	Tri	PCB-19	0.25	5.56e+05	1.09 y	24:09	-	1.26
13	Tri	PCB-30	0.25	8.92e+05	1.10 y	25:03	-	2.02
14	Tri	PCB-18	0.25	6.23e+05	0.99 y	25:48	-	0.95
15	Tri	PCB-17	0.25	5.74e+05	1.06 y	25:59	-	0.88
16	Tri	PCB-24/27	0.50	1.51e+06	1.04 y	26:33	-	1.15
17	Tri	PCB-16/32	0.50	1.48e+06	1.03 y	27:04	-	1.13
18	Tri	PCB-34	0.25	6.78e+05	1.06 y	27:52	-	0.99
19	Tri	PCB-23	0.25	6.56e+05	1.13 y	27:58	-	0.96
20	Tri	PCB-29	0.25	6.87e+05	1.12 y	28:13	-	1.00
21	Tri	PCB-26	0.25	7.03e+05	1.07 y	28:25	-	1.03
22	Tri	PCB-25	0.25	7.62e+05	1.08 y	28:35	-	1.11
23	Tri	PCB-31	0.25	7.61e+05	1.14 y	28:56	-	1.11
24	Tri	PCB-28	0.25	8.00e+05	0.93 y	29:03	-	1.17
25	Tri	PCB-20/21/33	0.75	2.11e+06	1.07 y	29:39	-	1.03
26	Tri	PCB-22	0.25	7.68e+05	1.02 y	30:06	-	1.12
27	Tri	PCB-36	0.25	7.87e+05	1.02 y	30:43	-	1.26
28	Tri	PCB-39	0.25	7.33e+05	1.10 y	31:11	-	1.18
29	Tri	PCB-38	0.25	7.47e+05	1.17 y	31:58	-	1.20
30	Tri	PCB-35	0.25	7.25e+05	1.07 y	32:28	-	1.16
31	Tri	PCB-37	0.25	7.66e+05	0.99 y	32:55	-	1.23
32	Tetra	PCB-54	0.25	7.13e+05	0.74 y	27:54	-	1.16
33	Tetra	PCB-50	0.25	5.59e+05	0.76 y	29:05	-	0.91
34	Tetra	PCB-53	0.25	5.42e+05	0.81 y	29:43	-	1.07
35	Tetra	PCB-51	0.25	6.22e+05	0.77 y	30:04	-	1.23
36	Tetra	PCB-45	0.25	4.75e+05	0.72 y	30:30	-	0.94
37	Tetra	PCB-46	0.25	4.59e+05	0.66 y	31:00	-	0.91
38	Tetra	PCB-52/69	0.50	1.25e+06	0.78 y	31:28	-	1.24
39	Tetra	PCB-73	0.25	8.54e+05	0.77 y	31:36	-	1.69
40	Tetra	PCB-43/49	0.50	1.05e+06	0.69 y	31:45	-	1.04

41	Tetra	PCB-47	0.25	5.03e+05	0.80 y	31:58	-	0.92
42	Tetra	PCB-48/75	0.50	1.35e+06	0.82 y	32:04	-	1.24
43	Tetra	PCB-65	0.25	8.01e+05	0.66 y	32:20	-	1.46
44	Tetra	PCB-62	0.25	6.16e+05	0.66 y	32:27	-	1.12
45	Tetra	PCB-44	0.25	4.69e+05	0.78 y	32:45	-	0.86
46	Tetra	PCB-42/59	0.50	1.20e+06	0.77 y	32:59	-	1.10
47	Tetra	PCB-41/64/71/72	1.00	2.68e+06	0.80 y	33:34	-	1.23
48	Tetra	PCB-68	0.25	8.07e+05	0.73 y	33:50	-	1.47
49	Tetra	PCB-40	0.25	3.48e+05	0.87 y	34:03	-	0.64
50	Tetra	PCB-57	0.25	8.14e+05	0.69 y	34:24	-	1.24
51	Tetra	PCB-67	0.25	8.23e+05	0.74 y	34:42	-	1.25

52	Tetra	PCB-58	0.25	7.55e+05	0.73 y	34:50	-	1.15
53	Tetra	PCB-63	0.25	7.44e+05	0.73 y	34:58	-	1.13
54	Tetra	PCB-74	0.25	8.39e+05	0.72 y	35:15	-	1.27
55	Tetra	PCB-61/70	0.50	1.51e+06	0.73 y	35:27	-	1.14
56	Tetra	PCB-76/66	0.50	1.62e+06	0.74 y	35:39	-	1.23
57	Tetra	PCB-80	0.25	8.58e+05	0.89 y	35:54	-	1.29
58	Tetra	PCB-55	0.25	8.01e+05	0.85 y	36:13	-	1.20
59	Tetra	PCB-56/60	0.50	1.51e+06	0.81 y	36:43	-	1.13
60	Tetra	PCB-79	0.25	8.66e+05	0.75 y	37:46	-	1.30
61	Tetra	PCB-78	0.25	8.28e+05	0.67 y	38:28	-	1.23
62	Tetra	PCB-81	0.25	6.84e+05	0.82 y	38:59	-	1.01
63	Tetra	PCB-77	0.25	7.80e+05	0.72 y	39:36	-	1.22
64	Penta	PCB-104	0.25	4.95e+05	1.76 y	32:37	-	1.17
65	Penta	PCB-96	0.25	4.80e+05	1.43 y	33:52	-	1.14
66	Penta	PCB-103	0.25	4.06e+05	1.32 y	34:25	-	0.96
67	Penta	PCB-100	0.25	3.95e+05	1.62 y	34:46	-	0.94
68	Penta	PCB-94	0.25	3.25e+05	1.61 y	35:14	-	0.97
69	Penta	PCB-95/98/102	0.75	1.33e+06	1.57 y	35:44	-	1.32
70	Penta	PCB-93	0.25	3.23e+05	1.47 y	35:52	-	0.97
71	Penta	PCB-88/91	0.50	7.08e+05	1.63 y	36:09	-	1.06
72	Penta	PCB-121	0.25	6.11e+05	1.49 y	36:16	-	1.83
73	Penta	PCB-84/92	0.50	6.83e+05	1.78 y	37:06	-	1.01
74	Penta	PCB-89	0.25	3.86e+05	1.67 y	37:16	-	1.14
75	Penta	PCB-90/101	0.50	7.76e+05	1.43 y	37:27	-	1.14
76	Penta	PCB-113	0.25	5.17e+05	1.70 y	37:42	-	1.52
77	Penta	PCB-99	0.25	4.85e+05	1.73 y	37:48	-	1.43
78	Penta	PCB-119	0.25	4.95e+05	1.78 y	38:15	-	1.66
79	Penta	PCB-108/112	0.50	8.95e+05	1.78 y	38:24	-	1.50
80	Penta	PCB-83	0.25	5.64e+05	1.46 y	38:34	-	1.89
81	Penta	PCB-97	0.25	3.71e+05	1.40 y	38:46	-	1.24
82	Penta	PCB-86	0.25	3.11e+05	1.75 y	38:53	-	1.04
83	Penta	PCB-87/117/125	0.75	1.46e+06	1.72 y	39:01	-	1.62
84	Penta	PCB-111/115	0.50	1.13e+06	1.48 y	39:12	-	1.90
85	Penta	PCB-85/116	0.50	7.61e+05	1.68 y	39:18	-	1.27
86	Penta	PCB-120	0.25	6.51e+05	1.49 y	39:33	-	2.18
87	Penta	PCB-110	0.25	5.20e+05	1.61 y	39:42	-	1.74
88	Penta	PCB-82	0.25	3.46e+05	1.48 y	40:20	-	0.86
89	Penta	PCB-124	0.25	5.00e+05	1.75 y	41:01	-	1.24
90	Penta	PCB-107/109	0.50	1.21e+06	1.61 y	41:09	-	1.50
91	Penta	PCB-123	0.25	5.02e+05	1.60 y	41:19	-	1.25
92	Penta	PCB-106/118	0.50	1.03e+06	1.51 y	41:31	-	1.21
93	Penta	PCB-114	0.25	4.85e+05	1.44 y	42:09	-	1.16
94	Penta	PCB-122	0.25	4.79e+05	1.34 y	42:17	-	1.14
95	Penta	PCB-105	0.25	4.57e+05	1.49 y	43:01	-	1.15
96	Penta	PCB-127	0.25	5.36e+05	1.58 y	43:21	-	1.21
97	Penta	PCB-126	0.25	5.04e+05	1.50 y	45:14	-	1.24
98	Hexa	PCB-155	0.25	3.78e+05	1.27 y	37:00	-	1.06
99	Hexa	PCB-150	0.25	3.83e+05	1.30 y	38:16	-	1.07
100	Hexa	PCB-152	0.25	4.41e+05	1.24 y	38:44	-	1.24
101	Hexa	PCB-145	0.25	4.22e+05	1.43 y	39:11	-	1.18

102	Hexa	PCB-136	0.25	3.96e+05	1.24 y	39:30	-	1.11
103	Hexa	PCB-148	0.25	2.86e+05	1.27 y	39:37	-	0.80
104	Hexa	PCB-154	0.25	3.46e+05	1.26 y	40:06	-	0.97
105	Hexa	PCB-151	0.25	2.64e+05	1.07 y	40:45	-	0.74
106	Hexa	PCB-135	0.25	3.08e+05	1.37 y	40:57	-	0.86
107	Hexa	PCB-144	0.25	2.84e+05	1.19 y	41:04	-	0.79
108	Hexa	PCB-147	0.25	3.09e+05	1.38 y	41:12	-	0.87
109	Hexa	PCB-139/149	0.50	6.43e+05	1.25 y	41:28	-	0.90
110	Hexa	PCB-140	0.25	2.87e+05	1.27 y	41:39	-	0.80
111	Hexa	PCB-134/143	0.50	7.57e+05	1.15 y	42:06	-	0.80
112	Hexa	PCB-131/133	0.50	8.04e+05	1.20 y	42:23	-	0.85

113	Hexa	PCB-142	0.25	3.80e+05	1.09 y	42:32	-	0.81
114	Hexa	PCB-146/165	0.50	1.02e+06	1.32 y	42:46	-	1.08
115	Hexa	PCB-132/161	0.50	9.81e+05	1.30 y	43:00	-	1.04
116	Hexa	PCB-153	0.25	5.47e+05	1.05 y	43:10	-	1.16
117	Hexa	PCB-168	0.25	6.46e+05	1.16 y	43:23	-	1.37
118	Hexa	PCB-141	0.25	4.15e+05	1.21 y	43:54	-	1.06
119	Hexa	PCB-137	0.25	4.73e+05	1.27 y	44:17	-	1.21
120	Hexa	PCB-130	0.25	3.26e+05	1.06 y	44:24	-	0.84
121	Hexa	PCB-138/163/164	0.75	1.65e+06	1.30 y	44:46	-	1.33
122	Hexa	PCB-158/160	0.50	1.05e+06	1.24 y	45:01	-	1.27
123	Hexa	PCB-129	0.25	3.67e+05	1.38 y	45:15	-	0.89
124	Hexa	PCB-166	0.25	5.88e+05	1.25 y	45:42	-	1.20
125	Hexa	PCB-159	0.25	5.64e+05	1.23 y	46:03	-	1.15
126	Hexa	PCB-128/162	0.50	8.72e+05	1.13 y	46:19	-	0.89
127	Hexa	PCB-167	0.25	5.12e+05	1.39 y	46:43	-	1.03
128	Hexa	PCB-156	0.25	5.77e+05	1.13 y	48:01	-	1.18
129	Hexa	PCB-157	0.25	5.31e+05	1.26 y	48:16	-	1.10
130	Hexa	PCB-169	0.25	5.52e+05	1.25 y	50:29	-	1.15
131	Hepta	PCB-188	0.25	5.23e+05	1.07 y	42:48	-	1.53
132	Hepta	PCB-184	0.25	4.77e+05	1.16 y	43:15	-	1.40
133	Hepta	PCB-179	0.25	5.11e+05	1.05 y	44:01	-	1.50
134	Hepta	PCB-176	0.25	5.06e+05	1.01 y	44:29	-	1.48
135	Hepta	PCB-186	0.25	5.24e+05	1.03 y	45:06	-	1.54
136	Hepta	PCB-178	0.25	3.37e+05	0.93 y	45:36	-	0.99
137	Hepta	PCB-175	0.25	3.37e+05	1.10 y	45:57	-	0.99
138	Hepta	PCB-182/187	0.50	8.54e+05	0.97 y	46:07	-	1.25
139	Hepta	PCB-183	0.25	4.23e+05	0.89 y	46:26	-	1.24
140	Hepta	PCB-185	0.25	3.13e+05	1.16 y	47:05	-	1.31
141	Hepta	PCB-174	0.25	3.58e+05	1.19 y	47:27	-	1.49
142	Hepta	PCB-181	0.25	3.64e+05	1.20 y	47:33	-	1.52
143	Hepta	PCB-177	0.25	3.38e+05	1.02 y	47:43	-	1.41
144	Hepta	PCB-171	0.25	3.50e+05	0.92 y	48:01	-	1.46
145	Hepta	PCB-173	0.25	3.43e+05	0.90 y	48:26	-	1.43
146	Hepta	PCB-172	0.25	3.31e+05	1.08 y	48:54	-	1.38
147	Hepta	PCB-192	0.25	4.34e+05	0.93 y	49:05	-	1.81
148	Hepta	PCB-180	0.25	3.86e+05	0.94 y	49:17	-	1.61
149	Hepta	PCB-193	0.25	4.69e+05	1.09 y	49:30	-	1.96
150	Hepta	PCB-191	0.25	4.23e+05	0.97 y	49:45	-	1.76
151	Hepta	PCB-170	0.25	2.87e+05	0.94 y	50:53	-	1.39
152	Hepta	PCB-190	0.25	4.16e+05	1.08 y	51:05	-	2.01
153	Hepta	PCB-189	0.25	4.46e+05	0.90 y	52:30	-	1.59
154	Octa	PCB-202	0.25	3.46e+05	0.91 y	48:13	-	1.09
155	Octa	PCB-201	0.25	3.16e+05	0.94 y	48:42	-	0.99
156	Octa	PCB-204	0.25	3.39e+05	0.83 y	48:52	-	1.07
157	Octa	PCB-197	0.25	3.82e+05	0.88 y	49:09	-	1.20
158	Octa	PCB-200	0.25	3.46e+05	0.84 y	50:04	-	1.08
159	Octa	PCB-198	0.25	2.77e+05	0.80 y	51:31	-	0.87
160	Octa	PCB-199	0.25	2.78e+05	0.99 y	51:39	-	0.87
161	Octa	PCB-196/203	0.50	5.16e+05	0.88 y	51:57	-	0.81
162	Octa	PCB-195	0.25	2.75e+05	0.86 y	53:10	-	1.11

163	Octa	PCB-194	0.25	3.27e+05	0.83	y	54:04	-	1.32
164	Octa	PCB-205	0.25	3.48e+05	0.86	y	54:20	-	1.40
165	Nona	PCB-208	0.25	3.31e+05	1.17	y	53:19	-	0.92
166	Nona	PCB-207	0.25	3.21e+05	1.45	y	53:38	-	0.89
167	Nona	PCB-206	0.25	2.41e+05	1.29	y	55:37	-	0.93
168	Deca	PCB-209	0.25	2.50e+05	1.11	y	56:56	-	1.12
169	Tot ╗	Total Mono-PCB	0.00	-	-	n	-	-	1.16
170	Tot ╗	Total Di-PCB	0.00	-	-	n	-	-	1.09

171	Tot ¶	Total Tri-PCB	0.00	-	- n	-	-	1.21
172	Tot ¶	Total Tri-PCB	0.00	-	- n	-	-	1.10
173	Tot ¶	Total Tetra-PCB	0.00	-	- n	-	-	1.14
174	Tot ¶	Total Penta-PCB	0.00	-	- n	-	-	1.25
175	Tot ¶	Total Penta-PCB	0.00	-	- n	-	-	1.18
176	Tot ¶	Total Hexa-PCB	0.00	-	- n	-	-	0.95
177	Tot ¶	Total Hexa-PCB	0.00	-	- n	-	-	1.07
178	Tot ¶	Total Hepta-PCB	0.00	-	- n	-	-	1.44
179	Tot ¶	Total Octa-PCB	0.00	-	- n	-	-	0.98
180	Tot ¶	Total Octa-PCB	0.00	-	- n	-	-	1.28
181	Tot ¶	Total Nona-PCB	0.00	-	- n	-	-	0.91
182	Tot ¶	Total Deca-PCB	0.25	2.50e+05	1.11 y	56:56	-	1.12
183	Mono¶	13C-PCB-1	100.00	3.09e+08	3.17 y	15:60	-	1.07
184	Mono¶	13C-PCB-3	100.00	3.35e+08	3.19 y	18:37	-	1.16
185	Di-IS	13C-PCB-4	100.00	1.64e+08	1.57 y	19:58	-	0.57
186	Di-IS	13C-PCB-9	100.00	2.68e+08	1.56 y	21:46	-	0.93
187	Di-IS	13C-PCB-11	100.00	2.77e+08	1.54 y	25:09	-	0.96
188	Tri-¶	13C-PCB-19	100.00	1.77e+08	1.06 y	24:08	-	0.61
189	Tri-¶	13C-PCB-32	100.00	2.62e+08	1.07 y	27:04	-	0.91
190	Tri-¶	13C-PCB-28	100.00	2.74e+08	1.04 y	29:01	-	1.14
191	Tri-¶	13C-PCB-37	100.00	2.49e+08	1.05 y	32:54	-	1.04
192	Tetr¶	13C-PCB-54	100.00	2.45e+08	0.80 y	27:53	-	0.91
193	Tetr¶	13C-PCB-52	100.00	2.02e+08	0.80 y	31:27	-	0.75
194	Tetr¶	13C-PCB-47	100.00	2.19e+08	0.80 y	31:57	-	0.82
195	Tetr¶	13C-PCB-70	100.00	2.63e+08	0.82 y	35:28	-	0.98
196	Tetr¶	13C-PCB-80	100.00	2.66e+08	0.81 y	35:53	-	0.99
197	Tetr¶	13C-PCB-81	100.00	2.70e+08	0.80 y	38:59	-	1.01
198	Tetr¶	13C-PCB-77	100.00	2.56e+08	0.80 y	39:34	-	0.95
199	Pent¶	13C-PCB-104	100.00	1.68e+08	1.59 y	32:36	-	0.99
200	Pent¶	13C-PCB-95	100.00	1.34e+08	1.59 y	35:46	-	0.78
201	Pent¶	13C-PCB-101	100.00	1.36e+08	1.58 y	37:27	-	0.80
202	Pent¶	13C-PCB-97	100.00	1.20e+08	1.59 y	38:44	-	0.70
203	Pent¶	13C-PCB-123	100.00	1.61e+08	1.58 y	41:18	-	0.95
204	Pent¶	13C-PCB-118	100.00	1.69e+08	1.61 y	41:29	-	0.99
205	Pent¶	13C-PCB-114	100.00	1.67e+08	1.58 y	42:08	-	1.18
206	Pent¶	13C-PCB-105	100.00	1.58e+08	1.57 y	42:60	-	1.11
207	Pent¶	13C-PCB-127	100.00	1.77e+08	1.59 y	43:20	-	1.25
208	Pent¶	13C-PCB-126	100.00	1.62e+08	1.58 y	45:14	-	1.14
209	Hexa¶	13C-PCB-155	100.00	1.43e+08	1.29 y	36:60	-	0.84
210	Hexa¶	13C-PCB-153	100.00	1.89e+08	1.26 y	43:10	-	1.33
211	Hexa¶	13C-PCB-141	100.00	1.56e+08	1.28 y	43:54	-	1.10
212	Hexa	13C-PCB-138	100.00	1.65e+08	1.28 y	44:44	-	1.16
213	Hexa¶	13C-PCB-159	100.00	1.96e+08	1.27 y	46:02	-	1.38
214	Hexa¶	13C-PCB-167	100.00	1.98e+08	1.28 y	46:42	-	1.40
215	Hexa¶	13C-PCB-156	100.00	1.95e+08	1.26 y	47:59	-	1.37
216	Hexa¶	13C-PCB-157	100.00	1.94e+08	1.28 y	48:16	-	1.36
217	Hexa¶	13C-PCB-169	100.00	1.91e+08	1.27 y	50:28	-	1.35
218	Hept¶	13C-PCB-188	100.00	1.36e+08	0.46 y	42:47	-	1.37
219	Hept¶	13C-PCB-180	100.00	9.59e+07	0.46 y	49:17	-	0.97
220	Hept¶	13C-PCB-170	100.00	8.27e+07	0.47 y	50:53	-	0.83
221	Hept¶	13C-PCB-189	100.00	1.12e+08	0.46 y	52:29	-	1.13

222	Octa╗	13C-PCB-202	100.00	1.27e+08	0.90	y	48:12	-	1.28
223	Octa╗	13C-PCB-194	100.00	9.93e+07	0.90	y	54:03	-	0.76
224	Nona╗	13C-PCB-208	100.00	1.44e+08	0.78	y	53:18	-	1.11
225	Nona╗	13C-PCB-206	100.00	1.04e+08	0.79	y	55:36	-	0.80
226	Deca╗	13C-PCB-209	100.00	8.93e+07	1.20	y	56:55	-	0.69
227	DI-RS	13C-PCB-15	100.00	2.89e+08	1.55	y	25:52	-	1.00
228	Tri-╗	13C-PCB-31	100.00	2.39e+08	1.05	y	28:55	-	1.00
229	Tetr╗	13C-PCB-60	100.00	2.68e+08	0.80	y	36:42	-	1.00
230	Penta	13C-PCB-111	100.00	1.70e+08	1.59	y	39:11	-	1.00
231	Hexa╗	13C-PCB-128	100.00	1.42e+08	1.28	y	46:18	-	1.00

232	Hept╗	13C-PCB-182	100.00	9.93e+07	0.46 y	46:07	-	1.00
233	Octa╗	13C-PCB-205	100.00	1.30e+08	0.90 y	54:19	-	1.00
234	CRS	13C-PCB-79	100.00	2.74e+08	0.80 y	37:45	-	1.02
235	CRS	13C-PCB-178	100.00	9.16e+07	0.45 y	45:35	-	0.92
236	PS	13C-PCB-79	100.00	2.74e+08	0.80 y	37:45	-	1.02
237	PS	13C-PCB-178	100.00	9.16e+07	0.45 y	45:35	-	0.95

Filename: 180208E1 S: 2 Acquired: 8-FEB-18 09:39:46
Run: 180208E1 Analyte: PCBNEW ICal: PCBVG8-2-8-18 Results:
Sample text: ST180208E1-2 PCB CS1 17L3004

	Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Mono	PCB-1	1.00	3.49e+06	2.97 y	16:02	-	1.15
2	Mono	PCB-2	1.00	3.67e+06	3.12 y	18:25	-	1.13
3	Mono	PCB-3	1.00	3.61e+06	2.92 y	18:39	-	1.11
4	Di	PCB-4/10	2.00	4.31e+06	1.57 y	20:02	-	1.35
5	Di	PCB-7/9	2.00	5.51e+06	1.59 y	21:49	-	1.07
6	Di	PCB-6	1.00	2.88e+06	1.59 y	22:28	-	1.12
7	Di	PCB-5/8	2.00	5.74e+06	1.53 y	22:53	-	1.11
8	Di	PCB-14	1.00	2.95e+06	1.54 y	23:59	-	1.13
9	Di	PCB-11	1.00	3.10e+06	1.62 y	25:11	-	1.19
10	Di	PCB-12/13	2.00	5.70e+06	1.62 y	25:34	-	1.10
11	Di	PCB-15	1.00	3.02e+06	1.59 y	25:53	-	1.16
12	Tri	PCB-19	1.00	2.12e+06	1.02 y	24:10	-	1.27
13	Tri	PCB-30	1.00	3.52e+06	1.00 y	25:04	-	2.11
14	Tri	PCB-18	1.00	2.41e+06	1.07 y	25:49	-	0.97
15	Tri	PCB-17	1.00	2.27e+06	1.05 y	25:59	-	0.91
16	Tri	PCB-24/27	2.00	6.17e+06	1.08 y	26:34	-	1.24
17	Tri	PCB-16/32	2.00	5.42e+06	1.07 y	27:04	-	1.09
18	Tri	PCB-34	1.00	2.55e+06	1.07 y	27:53	-	1.05
19	Tri	PCB-23	1.00	2.30e+06	1.14 y	27:58	-	0.95
20	Tri	PCB-29	1.00	2.39e+06	1.10 y	28:13	-	0.98
21	Tri	PCB-26	1.00	2.52e+06	1.03 y	28:26	-	1.04
22	Tri	PCB-25	1.00	2.61e+06	1.07 y	28:36	-	1.08
23	Tri	PCB-31	1.00	2.66e+06	1.04 y	28:56	-	1.09
24	Tri	PCB-28	1.00	2.94e+06	1.08 y	29:03	-	1.21
25	Tri	PCB-20/21/33	3.00	7.32e+06	1.07 y	29:39	-	1.00
26	Tri	PCB-22	1.00	2.71e+06	1.07 y	30:07	-	1.11
27	Tri	PCB-36	1.00	2.72e+06	1.10 y	30:43	-	1.25
28	Tri	PCB-39	1.00	2.46e+06	1.03 y	31:11	-	1.13
29	Tri	PCB-38	1.00	2.55e+06	1.01 y	31:58	-	1.17
30	Tri	PCB-35	1.00	2.63e+06	1.08 y	32:29	-	1.20
31	Tri	PCB-37	1.00	2.52e+06	1.01 y	32:55	-	1.15
32	Tetra	PCB-54	1.00	2.62e+06	0.81 y	27:55	-	1.13
33	Tetra	PCB-50	1.00	2.14e+06	0.73 y	29:05	-	0.92
34	Tetra	PCB-53	1.00	2.03e+06	0.88 y	29:44	-	1.11
35	Tetra	PCB-51	1.00	2.19e+06	0.79 y	30:04	-	1.19
36	Tetra	PCB-45	1.00	1.73e+06	0.79 y	30:31	-	0.94
37	Tetra	PCB-46	1.00	1.65e+06	0.82 y	31:00	-	0.90
38	Tetra	PCB-52/69	2.00	4.54e+06	0.75 y	31:29	-	1.24
39	Tetra	PCB-73	1.00	2.92e+06	0.78 y	31:35	-	1.60
40	Tetra	PCB-43/49	2.00	4.02e+06	0.83 y	31:46	-	1.10
41	Tetra	PCB-47	1.00	2.08e+06	0.78 y	31:58	-	1.05

42	Tetra	PCB-48/75	2.00	4.67e+06	0.81 y	32:05	-	1.18
43	Tetra	PCB-65	1.00	2.52e+06	0.79 y	32:21	-	1.28
44	Tetra	PCB-62	1.00	2.43e+06	0.79 y	32:27	-	1.23
45	Tetra	PCB-44	1.00	1.87e+06	0.79 y	32:46	-	0.95
46	Tetra	PCB-42/59	2.00	4.27e+06	0.80 y	32:59	-	1.08
47	Tetra	PCB-41/64/71/72	4.00	9.61e+06	0.77 y	33:35	-	1.22
48	Tetra	PCB-68	1.00	2.59e+06	0.87 y	33:51	-	1.31
49	Tetra	PCB-40	1.00	1.31e+06	0.81 y	34:03	-	0.66
50	Tetra	PCB-57	1.00	2.93e+06	0.76 y	34:25	-	1.26
51	Tetra	PCB-67	1.00	2.78e+06	0.80 y	34:43	-	1.20
52	Tetra	PCB-58	1.00	2.73e+06	0.81 y	34:50	-	1.18

53	Tetra	PCB-63	1.00	2.42e+06	0.79 y	34:59	-	1.04
54	Tetra	PCB-74	1.00	2.97e+06	0.84 y	35:17	-	1.28
55	Tetra	PCB-61/70	2.00	5.06e+06	0.79 y	35:27	-	1.09
56	Tetra	PCB-76/66	2.00	5.62e+06	0.75 y	35:40	-	1.21
57	Tetra	PCB-80	1.00	2.95e+06	0.76 y	35:54	-	1.30
58	Tetra	PCB-55	1.00	2.81e+06	0.79 y	36:13	-	1.24
59	Tetra	PCB-56/60	2.00	5.08e+06	0.80 y	36:42	-	1.12
60	Tetra	PCB-79	1.00	2.83e+06	0.79 y	37:47	-	1.25
61	Tetra	PCB-78	1.00	2.75e+06	0.77 y	38:28	-	1.19
62	Tetra	PCB-81	1.00	2.44e+06	0.82 y	39:00	-	1.06
63	Tetra	PCB-77	1.00	2.48e+06	0.77 y	39:35	-	1.15
64	Penta	PCB-104	1.00	1.78e+06	1.64 y	32:37	-	1.18
65	Penta	PCB-96	1.00	1.85e+06	1.55 y	33:53	-	1.22
66	Penta	PCB-103	1.00	1.49e+06	1.59 y	34:26	-	0.98
67	Penta	PCB-100	1.00	1.47e+06	1.62 y	34:46	-	0.98
68	Penta	PCB-94	1.00	1.14e+06	1.59 y	35:15	-	0.96
69	Penta	PCB-95/98/102	3.00	4.39e+06	1.64 y	35:44	-	1.23
70	Penta	PCB-93	1.00	1.16e+06	1.71 y	35:52	-	0.98
71	Penta	PCB-88/91	2.00	2.53e+06	1.71 y	36:09	-	1.07
72	Penta	PCB-121	1.00	2.05e+06	1.54 y	36:16	-	1.73
73	Penta	PCB-84/92	2.00	2.46e+06	1.56 y	37:05	-	1.04
74	Penta	PCB-89	1.00	1.33e+06	1.62 y	37:16	-	1.12
75	Penta	PCB-90/101	2.00	2.69e+06	1.73 y	37:28	-	1.13
76	Penta	PCB-113	1.00	1.86e+06	1.50 y	37:42	-	1.57
77	Penta	PCB-99	1.00	1.54e+06	1.58 y	37:48	-	1.30
78	Penta	PCB-119	1.00	1.87e+06	1.54 y	38:15	-	1.81
79	Penta	PCB-108/112	2.00	3.16e+06	1.56 y	38:24	-	1.53
80	Penta	PCB-83	1.00	1.95e+06	1.49 y	38:35	-	1.89
81	Penta	PCB-97	1.00	1.28e+06	1.55 y	38:46	-	1.24
82	Penta	PCB-86	1.00	1.15e+06	1.48 y	38:54	-	1.11
83	Penta	PCB-87/117/125	3.00	5.08e+06	1.58 y	39:02	-	1.64
84	Penta	PCB-111/115	2.00	4.05e+06	1.74 y	39:12	-	1.96
85	Penta	PCB-85/116	2.00	2.77e+06	1.33 y	39:19	-	1.34
86	Penta	PCB-120	1.00	2.21e+06	1.55 y	39:34	-	2.14
87	Penta	PCB-110	1.00	1.74e+06	1.66 y	39:43	-	1.69
88	Penta	PCB-82	1.00	1.20e+06	1.46 y	40:20	-	0.86
89	Penta	PCB-124	1.00	1.86e+06	1.59 y	41:00	-	1.34
90	Penta	PCB-107/109	2.00	3.86e+06	1.57 y	41:09	-	1.39
91	Penta	PCB-123	1.00	1.61e+06	1.58 y	41:19	-	1.16
92	Penta	PCB-106/118	2.00	3.66e+06	1.62 y	41:32	-	1.27
93	Penta	PCB-114	1.00	1.72e+06	1.59 y	42:10	-	1.18
94	Penta	PCB-122	1.00	1.54e+06	1.49 y	42:18	-	1.06
95	Penta	PCB-105	1.00	1.69e+06	1.68 y	43:02	-	1.21
96	Penta	PCB-127	1.00	1.79e+06	1.63 y	43:21	-	1.19
97	Penta	PCB-126	1.00	1.69e+06	1.53 y	45:15	-	1.24
98	Hexa	PCB-155	1.00	1.33e+06	1.18 y	37:01	-	1.07
99	Hexa	PCB-150	1.00	1.33e+06	1.20 y	38:17	-	1.07
100	Hexa	PCB-152	1.00	1.48e+06	1.27 y	38:45	-	1.19
101	Hexa	PCB-145	1.00	1.49e+06	1.14 y	39:12	-	1.20
102	Hexa	PCB-136	1.00	1.34e+06	1.30 y	39:31	-	1.08

103	Hexa	PCB-148	1.00	9.79e+05	1.21	y	39:38	-	0.79
104	Hexa	PCB-154	1.00	1.09e+06	1.37	y	40:07	-	0.87
105	Hexa	PCB-151	1.00	9.47e+05	1.33	y	40:45	-	0.76
106	Hexa	PCB-135	1.00	1.17e+06	1.34	y	40:59	-	0.94
107	Hexa	PCB-144	1.00	9.66e+05	1.40	y	41:06	-	0.78
108	Hexa	PCB-147	1.00	1.01e+06	1.39	y	41:13	-	0.81
109	Hexa	PCB-139/149	2.00	2.28e+06	1.36	y	41:28	-	0.92
110	Hexa	PCB-140	1.00	1.01e+06	1.25	y	41:40	-	0.81
111	Hexa	PCB-134/143	2.00	2.66e+06	1.22	y	42:05	-	0.81
112	Hexa	PCB-131/133	2.00	2.83e+06	1.18	y	42:24	-	0.86
113	Hexa	PCB-142	1.00	1.20e+06	1.27	y	42:33	-	0.73

114	Hexa	PCB-146/165	2.00	3.52e+06	1.21 y	42:47	-	1.07
115	Hexa	PCB-132/161	2.00	3.51e+06	1.24 y	43:01	-	1.07
116	Hexa	PCB-153	1.00	1.90e+06	1.22 y	43:11	-	1.16
117	Hexa	PCB-168	1.00	1.88e+06	1.23 y	43:24	-	1.14
118	Hexa	PCB-141	1.00	1.50e+06	1.24 y	43:55	-	1.10
119	Hexa	PCB-137	1.00	1.62e+06	1.15 y	44:18	-	1.19
120	Hexa	PCB-130	1.00	1.07e+06	1.25 y	44:25	-	0.78
121	Hexa	PCB-138/163/164	3.00	5.60e+06	1.22 y	44:47	-	1.32
122	Hexa	PCB-158/160	2.00	3.64e+06	1.20 y	45:01	-	1.28
123	Hexa	PCB-129	1.00	1.16e+06	1.25 y	45:16	-	0.82
124	Hexa	PCB-166	1.00	2.08e+06	1.20 y	45:42	-	1.24
125	Hexa	PCB-159	1.00	2.07e+06	1.15 y	46:03	-	1.23
126	Hexa	PCB-128/162	2.00	3.24e+06	1.22 y	46:19	-	0.96
127	Hexa	PCB-167	1.00	1.82e+06	1.28 y	46:44	-	1.09
128	Hexa	PCB-156	1.00	1.81e+06	1.20 y	48:00	-	1.13
129	Hexa	PCB-157	1.00	1.72e+06	1.24 y	48:17	-	1.09
130	Hexa	PCB-169	1.00	2.05e+06	1.20 y	50:29	-	1.22
131	Hepta	PCB-188	1.00	1.77e+06	1.04 y	42:49	-	1.46
132	Hepta	PCB-184	1.00	1.71e+06	1.10 y	43:16	-	1.41
133	Hepta	PCB-179	1.00	1.74e+06	1.04 y	44:02	-	1.44
134	Hepta	PCB-176	1.00	1.65e+06	1.18 y	44:30	-	1.36
135	Hepta	PCB-186	1.00	1.90e+06	1.00 y	45:07	-	1.57
136	Hepta	PCB-178	1.00	1.27e+06	1.03 y	45:37	-	1.05
137	Hepta	PCB-175	1.00	1.26e+06	1.01 y	45:56	-	1.04
138	Hepta	PCB-182/187	2.00	2.90e+06	1.11 y	46:08	-	1.20
139	Hepta	PCB-183	1.00	1.42e+06	1.13 y	46:26	-	1.18
140	Hepta	PCB-185	1.00	1.22e+06	1.17 y	47:06	-	1.50
141	Hepta	PCB-174	1.00	1.18e+06	1.05 y	47:28	-	1.46
142	Hepta	PCB-181	1.00	1.26e+06	1.01 y	47:33	-	1.55
143	Hepta	PCB-177	1.00	1.12e+06	1.08 y	47:44	-	1.38
144	Hepta	PCB-171	1.00	1.16e+06	1.16 y	48:01	-	1.43
145	Hepta	PCB-173	1.00	1.06e+06	0.98 y	48:27	-	1.31
146	Hepta	PCB-172	1.00	1.18e+06	1.18 y	48:54	-	1.46
147	Hepta	PCB-192	1.00	1.52e+06	1.03 y	49:05	-	1.88
148	Hepta	PCB-180	1.00	1.26e+06	1.07 y	49:18	-	1.56
149	Hepta	PCB-193	1.00	1.51e+06	1.02 y	49:30	-	1.86
150	Hepta	PCB-191	1.00	1.46e+06	1.11 y	49:45	-	1.81
151	Hepta	PCB-170	1.00	1.18e+06	1.10 y	50:54	-	1.63
152	Hepta	PCB-190	1.00	1.56e+06	1.05 y	51:04	-	2.15
153	Hepta	PCB-189	1.00	1.51e+06	1.11 y	52:30	-	1.56
154	Octa	PCB-202	1.00	1.11e+06	0.90 y	48:14	-	1.08
155	Octa	PCB-201	1.00	1.05e+06	0.87 y	48:43	-	1.02
156	Octa	PCB-204	1.00	1.23e+06	0.87 y	48:52	-	1.19
157	Octa	PCB-197	1.00	1.27e+06	0.84 y	49:11	-	1.24
158	Octa	PCB-200	1.00	1.18e+06	0.95 y	50:05	-	1.15
159	Octa	PCB-198	1.00	9.78e+05	0.96 y	51:33	-	0.95
160	Octa	PCB-199	1.00	9.25e+05	0.89 y	51:40	-	0.90
161	Octa	PCB-196/203	2.00	2.01e+06	0.94 y	51:57	-	0.98
162	Octa	PCB-195	1.00	1.03e+06	0.84 y	53:10	-	1.11
163	Octa	PCB-194	1.00	1.11e+06	0.88 y	54:03	-	1.21

164	Octa	PCB-205	1.00	1.30e+06	0.94	y	54:19	-	1.41
165	Nona	PCB-208	1.00	1.20e+06	1.30	y	53:19	-	0.92
166	Nona	PCB-207	1.00	1.27e+06	1.34	y	53:39	-	0.97
167	Nona	PCB-206	1.00	8.81e+05	1.30	y	55:38	-	0.92
168	Deca	PCB-209	1.00	9.72e+05	1.19	y	56:57	-	1.09
169	Tot ╗	Total Mono-PCB	0.00	-	-	n	-	-	1.13
170	Tot ╗	Total Di-PCB	0.00	-	-	n	-	-	1.12
171	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.24

172	Tot ¶	Total Tri-PCB	0.00	-	-	n	-	-	1.09
173	Tot ¶	Total Tetra-PCB	0.00	-	-	n	-	-	1.13
174	Tot ¶	Total Penta-PCB	0.00	-	-	n	-	-	1.25
175	Tot ¶	Total Penta-PCB	0.00	-	-	n	-	-	1.17
176	Tot ¶	Total Hexa-PCB	0.00	-	-	n	-	-	0.94
177	Tot ¶	Total Hexa-PCB	0.00	-	-	n	-	-	1.07
178	Tot ¶	Total Hepta-PCB	0.00	-	-	n	-	-	1.42
179	Tot ¶	Total Octa-PCB	0.00	-	-	n	-	-	1.05
180	Tot ¶	Total Octa-PCB	0.00	-	-	n	-	-	1.24
181	Tot ¶	Total Nona-PCB	0.00	-	-	n	-	-	0.94
182	Tot ¶	Total Deca-PCB	1.00	9.72e+05	1.19	y	56:57	-	1.09
183	Mono¶	13C-PCB-1	100.00	3.02e+08	3.16	y	16:01	-	1.10
184	Mono¶	13C-PCB-3	100.00	3.24e+08	3.17	y	18:38	-	1.18
185	Di-IS	13C-PCB-4	100.00	1.60e+08	1.58	y	19:59	-	0.58
186	Di-IS	13C-PCB-9	100.00	2.58e+08	1.55	y	21:46	-	0.94
187	Di-IS	13C-PCB-11	100.00	2.60e+08	1.54	y	25:10	-	0.94
188	Tri-¶	13C-PCB-19	100.00	1.67e+08	1.04	y	24:09	-	0.61
189	Tri-¶	13C-PCB-32	100.00	2.49e+08	1.05	y	27:04	-	0.90
190	Tri-¶	13C-PCB-28	100.00	2.43e+08	1.04	y	29:02	-	1.10
191	Tri-¶	13C-PCB-37	100.00	2.18e+08	1.05	y	32:54	-	0.99
192	Tetr¶	13C-PCB-54	100.00	2.33e+08	0.79	y	27:54	-	1.01
193	Tetr¶	13C-PCB-52	100.00	1.83e+08	0.80	y	31:27	-	0.79
194	Tetr¶	13C-PCB-47	100.00	1.97e+08	0.80	y	31:57	-	0.85
195	Tetr¶	13C-PCB-70	100.00	2.32e+08	0.80	y	35:28	-	1.00
196	Tetr¶	13C-PCB-80	100.00	2.27e+08	0.79	y	35:53	-	0.98
197	Tetr¶	13C-PCB-81	100.00	2.31e+08	0.80	y	38:59	-	1.00
198	Tetr¶	13C-PCB-77	100.00	2.17e+08	0.81	y	39:35	-	0.94
199	Pent¶	13C-PCB-104	100.00	1.51e+08	1.55	y	32:36	-	1.02
200	Pent¶	13C-PCB-95	100.00	1.19e+08	1.58	y	35:46	-	0.80
201	Pent¶	13C-PCB-101	100.00	1.19e+08	1.59	y	37:28	-	0.80
202	Pent¶	13C-PCB-97	100.00	1.03e+08	1.60	y	38:45	-	0.70
203	Pent¶	13C-PCB-123	100.00	1.39e+08	1.59	y	41:18	-	0.93
204	Pent¶	13C-PCB-118	100.00	1.44e+08	1.64	y	41:30	-	0.97
205	Pent¶	13C-PCB-114	100.00	1.46e+08	1.58	y	42:09	-	1.20
206	Pent¶	13C-PCB-105	100.00	1.40e+08	1.60	y	43:00	-	1.16
207	Pent¶	13C-PCB-127	100.00	1.50e+08	1.56	y	43:20	-	1.24
208	Pent¶	13C-PCB-126	100.00	1.37e+08	1.59	y	45:14	-	1.13
209	Hexa¶	13C-PCB-155	100.00	1.24e+08	1.32	y	36:60	-	0.84
210	Hexa¶	13C-PCB-153	100.00	1.65e+08	1.26	y	43:10	-	1.36
211	Hexa¶	13C-PCB-141	100.00	1.36e+08	1.28	y	43:55	-	1.13
212	Hexa	13C-PCB-138	100.00	1.42e+08	1.26	y	44:45	-	1.17
213	Hexa¶	13C-PCB-159	100.00	1.68e+08	1.28	y	46:02	-	1.39
214	Hexa¶	13C-PCB-167	100.00	1.67e+08	1.29	y	46:43	-	1.38
215	Hexa¶	13C-PCB-156	100.00	1.60e+08	1.26	y	47:60	-	1.32
216	Hexa¶	13C-PCB-157	100.00	1.58e+08	1.28	y	48:16	-	1.30
217	Hexa¶	13C-PCB-169	100.00	1.69e+08	1.26	y	50:28	-	1.39
218	Hept¶	13C-PCB-188	100.00	1.21e+08	0.45	y	42:48	-	1.40
219	Hept¶	13C-PCB-180	100.00	8.10e+07	0.47	y	49:17	-	0.93
220	Hept¶	13C-PCB-170	100.00	7.27e+07	0.46	y	50:52	-	0.84
221	Hept¶	13C-PCB-189	100.00	9.67e+07	0.46	y	52:29	-	1.12
222	Octa¶	13C-PCB-202	100.00	1.03e+08	0.92	y	48:13	-	1.19

223	Octa╗	13C-PCB-194	100.00	9.21e+07	0.91 y	54:03	-	0.76
224	Nona╗	13C-PCB-208	100.00	1.30e+08	0.79 y	53:19	-	1.08
225	Nona╗	13C-PCB-206	100.00	9.62e+07	0.76 y	55:37	-	0.80
226	Deca╗	13C-PCB-209	100.00	8.88e+07	1.19 y	56:56	-	0.74
227	DI-RS	13C-PCB-15	100.00	2.76e+08	1.56 y	25:52	-	1.00
228	Tri-╗	13C-PCB-31	100.00	2.21e+08	1.05 y	28:55	-	1.00
229	Tetr╗	13C-PCB-60	100.00	2.31e+08	0.80 y	36:42	-	1.00
230	Penta	13C-PCB-111	100.00	1.48e+08	1.60 y	39:11	-	1.00
231	Hexa╗	13C-PCB-128	100.00	1.21e+08	1.26 y	46:18	-	1.00
232	Hept╗	13C-PCB-182	100.00	8.67e+07	0.46 y	46:08	-	1.00

233	Octa$_{\pi}$	13C-PCB-205	100.00	1.21e+08	0.93	y	54:19	-	1.00
234	CRS	13C-PCB-79	100.00	2.42e+08	0.79	y	37:46	-	1.05
235	CRS	13C-PCB-178	100.00	8.24e+07	0.46	y	45:35	-	0.95
236	PS	13C-PCB-79	100.00	2.42e+08	0.79	y	37:46	-	1.05
237	PS	13C-PCB-178	100.00	8.24e+07	0.46	y	45:35	-	1.02

Filename: 180208E1 S: 3 Acquired: 8-FEB-18 10:44:54
Run: 180208E1 Analyte: PCBNEW ICal: PCBVG8-2-8-18 Results:
Sample text: ST180208E1-3 PCB CS2 17L3005

	Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Mono	PCB-1	2.50	8.06e+06	3.04 y	16:02	-	1.09
2	Mono	PCB-2	2.50	8.36e+06	2.97 y	18:25	-	1.06
3	Mono	PCB-3	2.50	8.48e+06	3.04 y	18:39	-	1.08
4	Di	PCB-4/10	5.00	9.72e+06	1.59 y	20:02	-	1.27
5	Di	PCB-7/9	5.00	1.23e+07	1.57 y	21:49	-	1.01
6	Di	PCB-6	2.50	6.60e+06	1.53 y	22:29	-	1.09
7	Di	PCB-5/8	5.00	1.26e+07	1.59 y	22:53	-	1.03
8	Di	PCB-14	2.50	6.54e+06	1.57 y	23:59	-	1.08
9	Di	PCB-11	2.50	6.95e+06	1.55 y	25:11	-	1.15
10	Di	PCB-12/13	5.00	1.25e+07	1.57 y	25:35	-	1.03
11	Di	PCB-15	2.50	6.65e+06	1.50 y	25:54	-	1.10
12	Tri	PCB-19	2.50	4.98e+06	1.02 y	24:10	-	1.24
13	Tri	PCB-30	2.50	7.94e+06	1.04 y	25:04	-	1.98
14	Tri	PCB-18	2.50	5.51e+06	1.05 y	25:49	-	0.97
15	Tri	PCB-17	2.50	4.96e+06	1.06 y	25:59	-	0.87
16	Tri	PCB-24/27	5.00	1.36e+07	1.05 y	26:34	-	1.20
17	Tri	PCB-16/32	5.00	1.18e+07	1.03 y	27:04	-	1.03
18	Tri	PCB-34	2.50	5.78e+06	1.05 y	27:53	-	1.04
19	Tri	PCB-23	2.50	5.00e+06	1.08 y	27:59	-	0.90
20	Tri	PCB-29	2.50	5.44e+06	1.07 y	28:13	-	0.98
21	Tri	PCB-26	2.50	5.55e+06	1.07 y	28:26	-	1.00
22	Tri	PCB-25	2.50	5.91e+06	1.06 y	28:35	-	1.07
23	Tri	PCB-31	2.50	6.09e+06	1.08 y	28:57	-	1.10
24	Tri	PCB-28	2.50	6.57e+06	1.03 y	29:03	-	1.19
25	Tri	PCB-20/21/33	7.50	1.63e+07	1.06 y	29:40	-	0.98
26	Tri	PCB-22	2.50	5.82e+06	1.04 y	30:06	-	1.05
27	Tri	PCB-36	2.50	6.03e+06	1.02 y	30:43	-	1.18
28	Tri	PCB-39	2.50	5.63e+06	1.08 y	31:12	-	1.10
29	Tri	PCB-38	2.50	5.75e+06	1.06 y	31:58	-	1.13
30	Tri	PCB-35	2.50	5.80e+06	1.09 y	32:29	-	1.13
31	Tri	PCB-37	2.50	5.88e+06	1.06 y	32:55	-	1.15
32	Tetra	PCB-54	2.50	5.89e+06	0.79 y	27:55	-	1.11
33	Tetra	PCB-50	2.50	4.83e+06	0.78 y	29:06	-	0.91
34	Tetra	PCB-53	2.50	4.60e+06	0.78 y	29:44	-	1.09
35	Tetra	PCB-51	2.50	4.92e+06	0.73 y	30:05	-	1.16
36	Tetra	PCB-45	2.50	3.94e+06	0.75 y	30:31	-	0.93
37	Tetra	PCB-46	2.50	3.69e+06	0.73 y	31:00	-	0.87
38	Tetra	PCB-52/69	5.00	1.06e+07	0.77 y	31:29	-	1.25
39	Tetra	PCB-73	2.50	6.41e+06	0.79 y	31:36	-	1.52
40	Tetra	PCB-43/49	5.00	8.83e+06	0.77 y	31:46	-	1.04
41	Tetra	PCB-47	2.50	4.59e+06	0.74 y	31:58	-	0.99

42	Tetra	PCB-48/75	5.00	1.06e+07	0.77 y	32:05	-	1.14
43	Tetra	PCB-65	2.50	5.70e+06	0.80 y	32:21	-	1.23
44	Tetra	PCB-62	2.50	5.32e+06	0.78 y	32:27	-	1.15
45	Tetra	PCB-44	2.50	4.01e+06	0.79 y	32:46	-	0.87
46	Tetra	PCB-42/59	5.00	9.55e+06	0.79 y	33:00	-	1.03
47	Tetra	PCB-41/64/71/72	10.00	2.17e+07	0.79 y	33:35	-	1.17
48	Tetra	PCB-68	2.50	5.89e+06	0.78 y	33:50	-	1.27
49	Tetra	PCB-40	2.50	3.02e+06	0.78 y	34:03	-	0.65
50	Tetra	PCB-57	2.50	6.18e+06	0.78 y	34:25	-	1.15
51	Tetra	PCB-67	2.50	5.76e+06	0.77 y	34:43	-	1.07
52	Tetra	PCB-58	2.50	6.69e+06	0.81 y	34:50	-	1.25

53	Tetra	PCB-63	2.50	5.32e+06	0.79 y	34:59	-	0.99
54	Tetra	PCB-74	2.50	6.45e+06	0.76 y	35:16	-	1.20
55	Tetra	PCB-61/70	5.00	1.14e+07	0.76 y	35:26	-	1.07
56	Tetra	PCB-76/66	5.00	1.24e+07	0.75 y	35:40	-	1.15
57	Tetra	PCB-80	2.50	6.63e+06	0.79 y	35:55	-	1.24
58	Tetra	PCB-55	2.50	6.41e+06	0.76 y	36:13	-	1.20
59	Tetra	PCB-56/60	5.00	1.12e+07	0.77 y	36:42	-	1.05
60	Tetra	PCB-79	2.50	6.29e+06	0.76 y	37:47	-	1.18
61	Tetra	PCB-78	2.50	5.90e+06	0.76 y	38:28	-	1.11
62	Tetra	PCB-81	2.50	5.25e+06	0.83 y	39:00	-	0.99
63	Tetra	PCB-77	2.50	5.43e+06	0.78 y	39:35	-	1.08
64	Penta	PCB-104	2.50	3.95e+06	1.63 y	32:37	-	1.10
65	Penta	PCB-96	2.50	4.06e+06	1.67 y	33:53	-	1.14
66	Penta	PCB-103	2.50	3.13e+06	1.60 y	34:26	-	0.87
67	Penta	PCB-100	2.50	3.33e+06	1.52 y	34:47	-	0.93
68	Penta	PCB-94	2.50	2.65e+06	1.61 y	35:15	-	0.96
69	Penta	PCB-95/98/102	7.50	9.81e+06	1.56 y	35:45	-	1.18
70	Penta	PCB-93	2.50	2.60e+06	1.58 y	35:52	-	0.94
71	Penta	PCB-88/91	5.00	5.74e+06	1.62 y	36:10	-	1.04
72	Penta	PCB-121	2.50	4.35e+06	1.55 y	36:16	-	1.57
73	Penta	PCB-84/92	5.00	5.52e+06	1.61 y	37:05	-	1.02
74	Penta	PCB-89	2.50	3.03e+06	1.62 y	37:17	-	1.12
75	Penta	PCB-90/101	5.00	6.00e+06	1.63 y	37:28	-	1.10
76	Penta	PCB-113	2.50	4.10e+06	1.58 y	37:43	-	1.51
77	Penta	PCB-99	2.50	3.34e+06	1.44 y	37:48	-	1.23
78	Penta	PCB-119	2.50	4.14e+06	1.68 y	38:16	-	1.76
79	Penta	PCB-108/112	5.00	6.74e+06	1.60 y	38:25	-	1.43
80	Penta	PCB-83	2.50	4.20e+06	1.55 y	38:34	-	1.78
81	Penta	PCB-97	2.50	2.81e+06	1.61 y	38:46	-	1.19
82	Penta	PCB-86	2.50	2.71e+06	1.53 y	38:54	-	1.15
83	Penta	PCB-87/117/125	7.50	1.12e+07	1.62 y	39:02	-	1.59
84	Penta	PCB-111/115	5.00	8.40e+06	1.60 y	39:11	-	1.78
85	Penta	PCB-85/116	5.00	6.41e+06	1.58 y	39:19	-	1.36
86	Penta	PCB-120	2.50	4.56e+06	1.53 y	39:34	-	1.93
87	Penta	PCB-110	2.50	4.36e+06	1.53 y	39:42	-	1.85
88	Penta	PCB-82	2.50	2.70e+06	1.67 y	40:20	-	0.86
89	Penta	PCB-124	2.50	4.29e+06	1.56 y	41:00	-	1.36
90	Penta	PCB-107/109	5.00	8.43e+06	1.71 y	41:10	-	1.34
91	Penta	PCB-123	2.50	3.53e+06	1.49 y	41:20	-	1.12
92	Penta	PCB-106/118	5.00	7.97e+06	1.58 y	41:32	-	1.23
93	Penta	PCB-114	2.50	3.96e+06	1.63 y	42:09	-	1.17
94	Penta	PCB-122	2.50	3.45e+06	1.59 y	42:18	-	1.02
95	Penta	PCB-105	2.50	3.74e+06	1.55 y	43:01	-	1.15
96	Penta	PCB-127	2.50	3.99e+06	1.59 y	43:22	-	1.15
97	Penta	PCB-126	2.50	3.92e+06	1.57 y	45:15	-	1.25
98	Hexa	PCB-155	2.50	2.86e+06	1.32 y	37:01	-	1.01
99	Hexa	PCB-150	2.50	2.99e+06	1.29 y	38:17	-	1.05
100	Hexa	PCB-152	2.50	3.31e+06	1.25 y	38:45	-	1.17
101	Hexa	PCB-145	2.50	3.24e+06	1.20 y	39:12	-	1.14
102	Hexa	PCB-136	2.50	3.07e+06	1.36 y	39:31	-	1.08

103	Hexa	PCB-148	2.50	2.06e+06	1.24 y	39:38	-	0.73
104	Hexa	PCB-154	2.50	2.44e+06	1.18 y	40:07	-	0.86
105	Hexa	PCB-151	2.50	2.20e+06	1.20 y	40:46	-	0.77
106	Hexa	PCB-135	2.50	2.31e+06	1.27 y	40:58	-	0.81
107	Hexa	PCB-144	2.50	2.36e+06	1.37 y	41:05	-	0.83
108	Hexa	PCB-147	2.50	2.26e+06	1.17 y	41:13	-	0.80
109	Hexa	PCB-139/149	5.00	4.98e+06	1.28 y	41:29	-	0.88
110	Hexa	PCB-140	2.50	2.22e+06	1.20 y	41:40	-	0.78
111	Hexa	PCB-134/143	5.00	6.04e+06	1.29 y	42:05	-	0.79
112	Hexa	PCB-131/133	5.00	6.34e+06	1.27 y	42:23	-	0.83
113	Hexa	PCB-142	2.50	2.96e+06	1.18 y	42:32	-	0.77

114	Hexa	PCB-146/165	5.00	7.96e+06	1.23 y	42:46	-	1.04
115	Hexa	PCB-132/161	5.00	7.81e+06	1.22 y	43:01	-	1.02
116	Hexa	PCB-153	2.50	4.11e+06	1.22 y	43:11	-	1.07
117	Hexa	PCB-168	2.50	4.25e+06	1.19 y	43:24	-	1.11
118	Hexa	PCB-141	2.50	3.35e+06	1.17 y	43:55	-	1.06
119	Hexa	PCB-137	2.50	3.32e+06	1.24 y	44:18	-	1.05
120	Hexa	PCB-130	2.50	2.77e+06	1.26 y	44:24	-	0.87
121	Hexa	PCB-138/163/164	7.50	1.23e+07	1.22 y	44:47	-	1.25
122	Hexa	PCB-158/160	5.00	7.61e+06	1.22 y	45:01	-	1.16
123	Hexa	PCB-129	2.50	2.56e+06	1.35 y	45:15	-	0.78
124	Hexa	PCB-166	2.50	4.25e+06	1.20 y	45:43	-	1.13
125	Hexa	PCB-159	2.50	4.44e+06	1.30 y	46:02	-	1.18
126	Hexa	PCB-128/162	5.00	7.08e+06	1.28 y	46:20	-	0.94
127	Hexa	PCB-167	2.50	4.19e+06	1.24 y	46:43	-	1.07
128	Hexa	PCB-156	2.50	4.38e+06	1.26 y	48:00	-	1.11
129	Hexa	PCB-157	2.50	4.17e+06	1.28 y	48:17	-	1.05
130	Hexa	PCB-169	2.50	4.60e+06	1.23 y	50:28	-	1.15
131	Hepta	PCB-188	2.50	3.93e+06	1.08 y	42:49	-	1.40
132	Hepta	PCB-184	2.50	3.72e+06	1.11 y	43:16	-	1.33
133	Hepta	PCB-179	2.50	3.96e+06	1.02 y	44:02	-	1.41
134	Hepta	PCB-176	2.50	3.61e+06	1.06 y	44:30	-	1.29
135	Hepta	PCB-186	2.50	3.75e+06	1.04 y	45:07	-	1.34
136	Hepta	PCB-178	2.50	2.68e+06	1.04 y	45:36	-	0.96
137	Hepta	PCB-175	2.50	2.82e+06	1.10 y	45:57	-	1.01
138	Hepta	PCB-182/187	5.00	6.13e+06	1.01 y	46:07	-	1.09
139	Hepta	PCB-183	2.50	3.13e+06	1.05 y	46:27	-	1.12
140	Hepta	PCB-185	2.50	2.76e+06	1.09 y	47:06	-	1.39
141	Hepta	PCB-174	2.50	3.07e+06	1.06 y	47:28	-	1.55
142	Hepta	PCB-181	2.50	2.80e+06	1.01 y	47:34	-	1.41
143	Hepta	PCB-177	2.50	2.60e+06	1.00 y	47:44	-	1.31
144	Hepta	PCB-171	2.50	2.83e+06	1.03 y	48:00	-	1.43
145	Hepta	PCB-173	2.50	2.56e+06	1.00 y	48:27	-	1.29
146	Hepta	PCB-172	2.50	2.84e+06	1.06 y	48:54	-	1.43
147	Hepta	PCB-192	2.50	3.66e+06	1.07 y	49:05	-	1.85
148	Hepta	PCB-180	2.50	3.12e+06	1.01 y	49:18	-	1.57
149	Hepta	PCB-193	2.50	3.29e+06	1.08 y	49:29	-	1.66
150	Hepta	PCB-191	2.50	3.62e+06	1.02 y	49:46	-	1.83
151	Hepta	PCB-170	2.50	2.50e+06	1.13 y	50:54	-	1.43
152	Hepta	PCB-190	2.50	3.38e+06	1.02 y	51:04	-	1.93
153	Hepta	PCB-189	2.50	3.40e+06	1.09 y	52:30	-	1.49
154	Octa	PCB-202	2.50	2.83e+06	0.94 y	48:14	-	1.09
155	Octa	PCB-201	2.50	2.61e+06	0.87 y	48:43	-	1.01
156	Octa	PCB-204	2.50	2.79e+06	0.94 y	48:52	-	1.08
157	Octa	PCB-197	2.50	2.89e+06	0.91 y	49:10	-	1.12
158	Octa	PCB-200	2.50	2.80e+06	0.91 y	50:05	-	1.08
159	Octa	PCB-198	2.50	2.27e+06	0.94 y	51:33	-	0.88
160	Octa	PCB-199	2.50	1.98e+06	0.91 y	51:40	-	0.77
161	Octa	PCB-196/203	5.00	4.49e+06	0.88 y	51:56	-	0.87
162	Octa	PCB-195	2.50	2.32e+06	0.94 y	53:11	-	1.04
163	Octa	PCB-194	2.50	2.57e+06	0.90 y	54:04	-	1.16

164	Octa	PCB-205	2.50	2.99e+06	0.88	y	54:20	-	1.35
165	Nona	PCB-208	2.50	2.95e+06	1 29	y	53:20	-	0.96
166	Nona	PCB-207	2.50	2.77e+06	1.29	y	53:39	-	0.90
167	Nona	PCB-206	2.50	2.07e+06	1.23	y	55:38	-	0.91
168	Deca	PCB-209	2.50	2.23e+06	1.22	y	56:58	-	1.05
169	Tot ╗	Total Mono-PCB	0.00	-	-	n	-	-	1.08
170	Tot ╗	Total Di-PCB	0.00	-	-	n	-	-	1.06
171	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.19

172	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.06
173	Tot ╗	Total Tetra-PCB	0.00	-	-	n	-	-	1.09
174	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.19
175	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.14
176	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	0.91
177	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	1.02
178	Tot ╗	Total Hepta-PCB	0.00	-	-	n	-	-	1.35
179	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	0.97
180	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	1.18
181	Tot ╗	Total Nona-PCB	0.00	-	-	n	-	-	0.92
182	Tot ╗	Total Deca-PCB	2.50	2.23e+06	1.22	y	56:58	-	1.05
183	Mono╗	13C-PCB-1	100.00	2.95e+08	3.22	y	16:01	-	1.16
184	Mono╗	13C-PCB-3	100.00	3.15e+08	3.18	y	18:38	-	1.24
185	Di-IS	13C-PCB-4	100.00	1.54e+08	1.56	y	19:59	-	0.60
186	Di-IS	13C-PCB-9	100.00	2.43e+08	1.57	y	21:47	-	0.95
187	Di-IS	13C-PCB-11	100.00	2.42e+08	1.56	y	25:10	-	0.95
188	Tri-╗	13C-PCB-19	100.00	1.60e+08	1.05	y	24:08	-	0.63
189	Tri-╗	13C-PCB-32	100.00	2.28e+08	1.08	y	27:04	-	0.90
190	Tri-╗	13C-PCB-28	100.00	2.21e+08	1.05	y	29:02	-	1.08
191	Tri-╗	13C-PCB-37	100.00	2.05e+08	1.05	y	32:54	-	1.00
192	Tetr╗	13C-PCB-54	100.00	2.12e+08	0.80	y	27:54	-	0.99
193	Tetr╗	13C-PCB-52	100.00	1.69e+08	0.79	y	31:27	-	0.79
194	Tetr╗	13C-PCB-47	100.00	1.85e+08	0.80	y	31:57	-	0.87
195	Tetr╗	13C-PCB-70	100.00	2.15e+08	0.79	y	35:29	-	1.01
196	Tetr╗	13C-PCB-80	100.00	2.14e+08	0.80	y	35:54	-	1.00
197	Tetr╗	13C-PCB-81	100.00	2.12e+08	0.79	y	38:59	-	0.99
198	Tetr╗	13C-PCB-77	100.00	2.01e+08	0.81	y	39:35	-	0.94
199	Pent╗	13C-PCB-104	100.00	1.43e+08	1.59	y	32:37	-	1.08
200	Pent╗	13C-PCB-95	100.00	1.11e+08	1.57	y	35:46	-	0.83
201	Pent╗	13C-PCB-101	100.00	1.09e+08	1.59	y	37:28	-	0.82
202	Pent╗	13C-PCB-97	100.00	9.44e+07	1.60	y	38:45	-	0.71
203	Pent╗	13C-PCB-123	100.00	1.26e+08	1.59	y	41:19	-	0.95
204	Pent╗	13C-PCB-118	100.00	1.30e+08	1.61	y	41:30	-	0.98
205	Pent╗	13C-PCB-114	100.00	1.35e+08	1.60	y	42:09	-	1.23
206	Pent╗	13C-PCB-105	100.00	1.30e+08	1.57	y	43:00	-	1.18
207	Pent╗	13C-PCB-127	100.00	1.40e+08	1.58	y	43:21	-	1.26
208	Pent╗	13C-PCB-126	100.00	1.26e+08	1.57	y	45:14	-	1.14
209	Hexa╗	13C-PCB-155	100.00	1.14e+08	1.28	y	36:60	-	0.85
210	Hexa╗	13C-PCB-153	100.00	1.53e+08	1.26	y	43:10	-	1.39
211	Hexa╗	13C-PCB-141	100.00	1.27e+08	1.26	y	43:54	-	1.15
212	Hexa	13C-PCB-138	100.00	1.31e+08	1.26	y	44:45	-	1.19
213	Hexa╗	13C-PCB-159	100.00	1.51e+08	1.27	y	46:01	-	1.36
214	Hexa╗	13C-PCB-167	100.00	1.57e+08	1.27	y	46:43	-	1.42
215	Hexa╗	13C-PCB-156	100.00	1.59e+08	1.27	y	47:59	-	1.44
216	Hexa╗	13C-PCB-157	100.00	1.59e+08	1.28	y	48:15	-	1.44
217	Hexa╗	13C-PCB-169	100.00	1.60e+08	1.28	y	50:28	-	1.45
218	Hept╗	13C-PCB-188	100.00	1.12e+08	0.46	y	42:48	-	1.47
219	Hept╗	13C-PCB-180	100.00	7.92e+07	0.46	y	49:17	-	1.04
220	Hept╗	13C-PCB-170	100.00	7.01e+07	0.46	y	50:53	-	0.92
221	Hept╗	13C-PCB-189	100.00	9.14e+07	0.46	y	52:30	-	1.20
222	Octa╗	13C-PCB-202	100.00	1.04e+08	0.92	y	48:13	-	1.36

223	Octa¬	13C-PCB-194	100.00	8.89e+07	0.91 y	54:03	-	0.77
224	Nona¬	13C-PCB-208	100.00	1.24e+08	0.78 y	53:19	-	1.07
225	Nona¬	13C-PCB-206	100.00	9.15e+07	0.77 y	55:37	-	0.80
226	Deca¬	13C-PCB-209	100.00	8.46e+07	1.21 y	56:57	-	0.74
227	DI-RS	13C-PCB-15	100.00	2.54e+08	1.56 y	25:52	-	1.00
228	Tri-¬	13C-PCB-31	100.00	2.04e+08	1.04 y	28:55	-	1.00
229	Tetr¬	13C-PCB-60	100.00	2.14e+08	0.80 y	36:42	-	1.00
230	Penta	13C-PCB-111	100.00	1.33e+08	1.60 y	39:11	-	1.00
231	Hexa¬	13C-PCB-128	100.00	1.10e+08	1.25 y	46:17	-	1.00
232	Hept¬	13C-PCB-182	100.00	7.61e+07	0.46 y	46:07	-	1.00

233	Octa	13C-PCB-205	100.00	1.15e+08	0.91 y	54:19	-	1.00
234	CRS	13C-PCB-79	100.00	2.20e+08	0.81 y	37:46	-	1.03
235	CRS	13C-PCB-178	100.00	7.07e+07	0.46 y	45:35	-	0.93
236	PS	13C-PCB-79	100.00	2.20e+08	0.81 y	37:46	-	1.04
237	PS	13C-PCB-178	100.00	7.07e+07	0.46 y	45:35	-	0.89

Filename: 180208E1 S: 4 Acquired: 8-FEB-18 11:50:02
Run: 180208E1 Analyte: PCBNEW ICal: PCBVG8-2-8-18 Results:
Sample text: ST180208E1-4 PCB CS3 17L3006

	Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Mono	PCB-1	50.00	1.41e+08	2.92 y	16:02	-	1.00
2	Mono	PCB-2	50.00	1.46e+08	2.95 y	18:25	-	0.97
3	Mono	PCB-3	50.00	1.47e+08	2.93 y	18:39	-	0.98
4	Di	PCB-4/10	100.00	1.75e+08	1.55 y	20:02	-	1.16
5	Di	PCB-7/9	100.00	2.12e+08	1.55 y	21:49	-	0.91
6	Di	PCB-6	50.00	1.14e+08	1.56 y	22:28	-	0.98
7	Di	PCB-5/8	100.00	2.22e+08	1.57 y	22:53	-	0.96
8	Di	PCB-14	50.00	1.14e+08	1.57 y	23:59	-	0.99
9	Di	PCB-11	50.00	1.20e+08	1.58 y	25:11	-	1.05
10	Di	PCB-12/13	100.00	2.21e+08	1.58 y	25:34	-	0.96
11	Di	PCB-15	50.00	1.15e+08	1.54 y	25:53	-	1.00
12	Tri	PCB-19	50.00	8.51e+07	1.05 y	24:10	-	1.12
13	Tri	PCB-30	50.00	1.35e+08	1.05 y	25:04	-	1.78
14	Tri	PCB-18	50.00	9.32e+07	1.05 y	25:48	-	0.87
15	Tri	PCB-17	50.00	8.51e+07	1.06 y	25:59	-	0.80
16	Tri	PCB-24/27	100.00	2.34e+08	1.06 y	26:34	-	1.10
17	Tri	PCB-16/32	100.00	2.03e+08	1.05 y	27:04	-	0.95
18	Tri	PCB-34	50.00	8.53e+07	1.08 y	27:52	-	0.86
19	Tri	PCB-23	50.00	9.58e+07	1.04 y	27:57	-	0.96
20	Tri	PCB-29	50.00	9.24e+07	1.04 y	28:12	-	0.93
21	Tri	PCB-26	50.00	9.68e+07	1.06 y	28:26	-	0.97
22	Tri	PCB-25	50.00	1.00e+08	1.06 y	28:35	-	1.01
23	Tri	PCB-31	50.00	1.09e+08	1.05 y	28:57	-	1.10
24	Tri	PCB-28	50.00	1.06e+08	1.06 y	29:02	-	1.07
25	Tri	PCB-20/21/33	150.00	2.79e+08	1.06 y	29:40	-	0.93
26	Tri	PCB-22	50.00	1.01e+08	1.06 y	30:06	-	1.02
27	Tri	PCB-36	50.00	1.07e+08	1.04 y	30:43	-	1.08
28	Tri	PCB-39	50.00	1.01e+08	1.04 y	31:11	-	1.01
29	Tri	PCB-38	50.00	1.03e+08	1.05 y	31:57	-	1.03
30	Tri	PCB-35	50.00	1.05e+08	1.06 y	32:29	-	1.05
31	Tri	PCB-37	50.00	1.03e+08	1.06 y	32:55	-	1.04
32	Tetra	PCB-54	50.00	9.68e+07	0.78 y	27:55	-	1.01
33	Tetra	PCB-50	50.00	7.95e+07	0.78 y	29:06	-	0.83
34	Tetra	PCB-53	50.00	7.25e+07	0.78 y	29:44	-	0.90
35	Tetra	PCB-51	50.00	7.81e+07	0.79 y	30:05	-	0.96
36	Tetra	PCB-45	50.00	6.37e+07	0.79 y	30:31	-	0.79
37	Tetra	PCB-46	50.00	6.22e+07	0.78 y	30:59	-	0.77
38	Tetra	PCB-52/69	100.00	1.86e+08	0.78 y	31:29	-	1.15
39	Tetra	PCB-73	50.00	1.04e+08	0.79 y	31:36	-	1.29
40	Tetra	PCB-43/49	100.00	1.49e+08	0.78 y	31:46	-	0.92
41	Tetra	PCB-47	50.00	7.05e+07	0.75 y	31:57	-	0.81

42	Tetra	PCB-48/75	100.00	1.87e+08	0.78	y	32:04	-	1.07
43	Tetra	PCB-65	50.00	1.05e+08	0.78	y	32:20	-	1.20
44	Tetra	PCB-62	50.00	8.83e+07	0.79	y	32:27	-	1.01
45	Tetra	PCB-44	50.00	7.05e+07	0.78	y	32:45	-	0.81
46	Tetra	PCB-42/59	100.00	1.64e+08	0.78	y	32:59	-	0.94
47	Tetra	PCB-41/64/71/72	200.00	3.82e+08	0.78	y	33:34	-	1.10
48	Tetra	PCB-68	50.00	1.03e+08	0.79	y	33:50	-	1.18
49	Tetra	PCB-40	50.00	5.17e+07	0.79	y	34:02	-	0.59
50	Tetra	PCB-57	50.00	1.08e+08	0.78	y	34:24	-	1.03
51	Tetra	PCB-67	50.00	1.05e+08	0.77	y	34:42	-	1.00
52	Tetra	PCB-58	50.00	1.08e+08	0.79	y	34:50	-	1.03

53	Tetra	PCB-63	50.00	9.93e+07	0.78 y	34:59	-	0.94
54	Tetra	PCB-74	50.00	1.16e+08	0.78 y	35:16	-	1.10
55	Tetra	PCB-61/70	100.00	2.00e+08	0.78 y	35:26	-	0.95
56	Tetra	PCB-76/66	100.00	2.24e+08	0.78 y	35:39	-	1.06
57	Tetra	PCB-80	50.00	1.16e+08	0.78 y	35:54	-	1.10
58	Tetra	PCB-55	50.00	1.14e+08	0.78 y	36:13	-	1.07
59	Tetra	PCB-56/60	100.00	2.06e+08	0.78 y	36:43	-	0.97
60	Tetra	PCB-79	50.00	1.14e+08	0.77 y	37:46	-	1.08
61	Tetra	PCB-78	50.00	1.09e+08	0.78 y	38:28	-	1.02
62	Tetra	PCB-81	50.00	9.64e+07	0.78 y	38:59	-	0.90
63	Tetra	PCB-77	50.00	1.02e+08	0.78 y	39:35	-	1.00
64	Penta	PCB-104	50.00	6.58e+07	1.59 y	32:37	-	0.99
65	Penta	PCB-96	50.00	7.04e+07	1.57 y	33:52	-	1.06
66	Penta	PCB-103	50.00	5.57e+07	1.61 y	34:25	-	0.84
67	Penta	PCB-100	50.00	5.86e+07	1.60 y	34:47	-	0.88
68	Penta	PCB-94	50.00	4.46e+07	1.58 y	35:15	-	0.84
69	Penta	PCB-95/98/102	150.00	1.72e+08	1.61 y	35:43	-	1.08
70	Penta	PCB-93	50.00	4.75e+07	1.56 y	35:51	-	0.89
71	Penta	PCB-88/91	100.00	9.25e+07	1.58 y	36:08	-	0.87
72	Penta	PCB-121	50.00	8.66e+07	1.62 y	36:16	-	1.63
73	Penta	PCB-84/92	100.00	9.60e+07	1.57 y	37:05	-	0.90
74	Penta	PCB-89	50.00	5.25e+07	1.58 y	37:15	-	0.99
75	Penta	PCB-90/101	100.00	1.08e+08	1.59 y	37:27	-	1.01
76	Penta	PCB-113	50.00	7.59e+07	1.59 y	37:42	-	1.43
77	Penta	PCB-99	50.00	6.09e+07	1.59 y	37:48	-	1.14
78	Penta	PCB-119	50.00	7.60e+07	1.60 y	38:15	-	1.63
79	Penta	PCB-108/112	100.00	1.23e+08	1.60 y	38:25	-	1.32
80	Penta	PCB-83	50.00	7.49e+07	1.60 y	38:34	-	1.61
81	Penta	PCB-97	50.00	5.22e+07	1.61 y	38:46	-	1.12
82	Penta	PCB-86	50.00	4.93e+07	1.56 y	38:54	-	1.06
83	Penta	PCB-87/117/125	150.00	2.04e+08	1.59 y	39:02	-	1.46
84	Penta	PCB-111/115	100.00	1.56e+08	1.61 y	39:11	-	1.67
85	Penta	PCB-85/116	100.00	1.17e+08	1.63 y	39:19	-	1.25
86	Penta	PCB-120	50.00	8.59e+07	1.57 y	39:34	-	1.85
87	Penta	PCB-110	50.00	7.42e+07	1.60 y	39:42	-	1.60
88	Penta	PCB-82	50.00	4.66e+07	1.58 y	40:20	-	0.73
89	Penta	PCB-124	50.00	8.23e+07	1.59 y	41:00	-	1.29
90	Penta	PCB-107/109	100.00	1.49e+08	1.58 y	41:08	-	1.17
91	Penta	PCB-123	50.00	6.71e+07	1.58 y	41:20	-	1.05
92	Penta	PCB-106/118	100.00	1.48e+08	1.60 y	41:31	-	1.10
93	Penta	PCB-114	50.00	7.17e+07	1.55 y	42:09	-	1.04
94	Penta	PCB-122	50.00	6.75e+07	1.57 y	42:17	-	0.98
95	Penta	PCB-105	50.00	7.13e+07	1.60 y	43:01	-	1.06
96	Penta	PCB-127	50.00	7.61e+07	1.59 y	43:21	-	1.03
97	Penta	PCB-126	50.00	7.59e+07	1.59 y	45:14	-	1.13
98	Hexa	PCB-155	50.00	4.86e+07	1.29 y	37:01	-	0.91
99	Hexa	PCB-150	50.00	5.18e+07	1.29 y	38:17	-	0.97
100	Hexa	PCB-152	50.00	5.86e+07	1.29 y	38:45	-	1.09
101	Hexa	PCB-145	50.00	5.67e+07	1.27 y	39:11	-	1.06
102	Hexa	PCB-136	50.00	4.93e+07	1.29 y	39:31	-	0.92

103	Hexa	PCB-148	50.00	4.08e+07	1.34	y	39:38	-	0.76
104	Hexa	PCB-154	50.00	4.47e+07	1.27	y	40:07	-	0.83
105	Hexa	PCB-151	50.00	3.94e+07	1.27	y	40:45	-	0.73
106	Hexa	PCB-135	50.00	4.41e+07	1.28	y	40:58	-	0.82
107	Hexa	PCB-144	50.00	3.89e+07	1.29	y	41:05	-	0.73
108	Hexa	PCB-147	50.00	4.19e+07	1.30	y	41:12	-	0.78
109	Hexa	PCB-139/149	100.00	9.02e+07	1.28	y	41:28	-	0.84
110	Hexa	PCB-140	50.00	3.94e+07	1.30	y	41:39	-	0.73
111	Hexa	PCB-134/143	100.00	1.10e+08	1.23	y	42:05	-	0.71
112	Hexa	PCB-131/133	100.00	1.18e+08	1.24	y	42:23	-	0.76
113	Hexa	PCB-142	50.00	5.31e+07	1.24	y	42:32	-	0.68

114	Hexa	PCB-146/165	100.00	1.46e+08	1.25 y	42:46	-	0.94
115	Hexa	PCB-132/161	100.00	1.44e+08	1.25 y	43:01	-	0.93
116	Hexa	PCB-153	50.00	7.85e+07	1.24 y	43:10	-	1.01
117	Hexa	PCB-168	50.00	7.73e+07	1.24 y	43:23	-	1.00
118	Hexa	PCB-141	50.00	5.99e+07	1.23 y	43:55	-	0.94
119	Hexa	PCB-137	50.00	6.65e+07	1.25 y	44:17	-	1.04
120	Hexa	PCB-130	50.00	4.92e+07	1.25 y	44:24	-	0.77
121	Hexa	PCB-138/163/164	150.00	2.34e+08	1.24 y	44:46	-	1.13
122	Hexa	PCB-158/160	100.00	1.50e+08	1.25 y	45:01	-	1.09
123	Hexa	PCB-129	50.00	4.94e+07	1.23 y	45:15	-	0.72
124	Hexa	PCB-166	50.00	8.50e+07	1.23 y	45:42	-	1.04
125	Hexa	PCB-159	50.00	9.01e+07	1.22 y	46:02	-	1.10
126	Hexa	PCB-128/162	100.00	1.37e+08	1.24 y	46:20	-	0.84
127	Hexa	PCB-167	50.00	7.81e+07	1.23 y	46:43	-	0.95
128	Hexa	PCB-156	50.00	7.78e+07	1.25 y	48:00	-	0.97
129	Hexa	PCB-157	50.00	7.62e+07	1.23 y	48:17	-	0.96
130	Hexa	PCB-169	50.00	8.59e+07	1.23 y	50:28	-	1.06
131	Hepta	PCB-188	50.00	6.98e+07	1.03 y	42:48	-	1.24
132	Hepta	PCB-184	50.00	6.93e+07	1.05 y	43:15	-	1.23
133	Hepta	PCB-179	50.00	7.28e+07	1.06 y	44:02	-	1.29
134	Hepta	PCB-176	50.00	6.90e+07	1.06 y	44:30	-	1.23
135	Hepta	PCB-186	50.00	7.40e+07	1.03 y	45:06	-	1.31
136	Hepta	PCB-178	50.00	5.22e+07	1.04 y	45:36	-	0.93
137	Hepta	PCB-175	50.00	5.39e+07	1.06 y	45:57	-	0.96
138	Hepta	PCB-182/187	100.00	1.21e+08	1.05 y	46:07	-	1.07
139	Hepta	PCB-183	50.00	5.97e+07	1.06 y	46:26	-	1.06
140	Hepta	PCB-185	50.00	5.07e+07	1.06 y	47:05	-	1.28
141	Hepta	PCB-174	50.00	5.01e+07	1.04 y	47:27	-	1.27
142	Hepta	PCB-181	50.00	5.71e+07	1.05 y	47:33	-	1.44
143	Hepta	PCB-177	50.00	5.01e+07	1.03 y	47:43	-	1.27
144	Hepta	PCB-171	50.00	4.98e+07	1.05 y	48:00	-	1.26
145	Hepta	PCB-173	50.00	4.60e+07	1.04 y	48:26	-	1.16
146	Hepta	PCB-172	50.00	5.13e+07	1.03 y	48:54	-	1.30
147	Hepta	PCB-192	50.00	6.70e+07	1.04 y	49:05	-	1.69
148	Hepta	PCB-180	50.00	5.56e+07	1.04 y	49:18	-	1.41
149	Hepta	PCB-193	50.00	6.12e+07	1.03 y	49:29	-	1.55
150	Hepta	PCB-191	50.00	6.46e+07	1.05 y	49:46	-	1.63
151	Hepta	PCB-170	50.00	4.73e+07	1.05 y	50:53	-	1.35
152	Hepta	PCB-190	50.00	6.31e+07	1.05 y	51:04	-	1.80
153	Hepta	PCB-189	50.00	6.19e+07	1.04 y	52:30	-	1.35
154	Octa	PCB-202	50.00	5.23e+07	0.90 y	48:13	-	1.01
155	Octa	PCB-201	50.00	4.89e+07	0.95 y	48:43	-	0.94
156	Octa	PCB-204	50.00	5.12e+07	0.86 y	48:52	-	0.99
157	Octa	PCB-197	50.00	5.09e+07	0.90 y	49:10	-	0.98
158	Octa	PCB-200	50.00	4.91e+07	0.91 y	50:04	-	0.94
159	Octa	PCB-198	50.00	4.03e+07	0.91 y	51:33	-	0.77
160	Octa	PCB-199	50.00	3.67e+07	0.91 y	51:40	-	0.71
161	Octa	PCB-196/203	100.00	7.88e+07	0.90 y	51:56	-	0.76
162	Octa	PCB-195	50.00	4.26e+07	0.90 y	53:11	-	0.98
163	Octa	PCB-194	50.00	4.69e+07	0.90 y	54:04	-	1.07

164	Octa	PCB-205	50.00	5.50e+07	0.90	y	54:20	-	1.26
165	Nona	PCB-208	50.00	5.15e+07	1.33	y	53:20	-	0.84
166	Nona	PCB-207	50.00	5.06e+07	1.33	y	53:39	-	0.83
167	Nona	PCB-206	50.00	3.82e+07	1.32	y	55:38	-	0.84
168	Deca	PCB-209	50.00	4.06e+07	1.19	y	56:56	-	0.96
169	Tot ╗	Total Mono-PCB	0.00	-	-	n	-	-	0.98
170	Tot ╗	Total Di-PCB	0.00	-	-	n	-	-	0.98
171	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.08

172	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.00
173	Tot ╗	Total Tetra-PCB	0.00	-	-	n	-	-	0.98
174	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.10
175	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.05
176	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	0.86
177	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	0.93
178	Tot ╗	Total Hepta-PCB	0.00	-	-	n	-	-	1.26
179	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	0.87
180	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	1.10
181	Tot ╗	Total Nona-PCB	0.00	-	-	n	-	-	0.83
182	Tot ╗	Total Deca-PCB	50.00	4.06e+07	1.19	y	56:56	-	0.96
183	Mono╗	13C-PCB-1	100.00	2.83e+08	3.19	y	16:01	-	1.17
184	Mono╗	13C-PCB-3	100.00	3.01e+08	3.19	y	18:38	-	1.25
185	Di-IS	13C-PCB-4	100.00	1.50e+08	1.56	y	19:59	-	0.62
186	Di-IS	13C-PCB-9	100.00	2.32e+08	1.58	y	21:46	-	0.96
187	Di-IS	13C-PCB-11	100.00	2.29e+08	1.55	y	25:10	-	0.95
188	Tri-╗	13C-PCB-19	100.00	1.52e+08	1.05	y	24:08	-	0.63
189	Tri-╗	13C-PCB-32	100.00	2.14e+08	1.08	y	27:04	-	0.89
190	Tri-╗	13C-PCB-28	100.00	1.99e+08	1.04	y	29:02	-	1.01
191	Tri-╗	13C-PCB-37	100.00	1.99e+08	1.06	y	32:54	-	1.01
192	Tetr╗	13C-PCB-54	100.00	1.91e+08	0.79	y	27:54	-	0.91
193	Tetr╗	13C-PCB-52	100.00	1.62e+08	0.79	y	31:27	-	0.77
194	Tetr╗	13C-PCB-47	100.00	1.74e+08	0.80	y	31:57	-	0.83
195	Tetr╗	13C-PCB-70	100.00	2.11e+08	0.81	y	35:28	-	1.00
196	Tetr╗	13C-PCB-80	100.00	2.12e+08	0.80	y	35:53	-	1.01
197	Tetr╗	13C-PCB-81	100.00	2.13e+08	0.79	y	38:59	-	1.01
198	Tetr╗	13C-PCB-77	100.00	2.06e+08	0.82	y	39:34	-	0.98
199	Pent╗	13C-PCB-104	100.00	1.33e+08	1.61	y	32:36	-	1.01
200	Pent╗	13C-PCB-95	100.00	1.06e+08	1.60	y	35:46	-	0.80
201	Pent╗	13C-PCB-101	100.00	1.06e+08	1.59	y	37:27	-	0.80
202	Pent╗	13C-PCB-97	100.00	9.30e+07	1.60	y	38:45	-	0.70
203	Pent╗	13C-PCB-123	100.00	1.27e+08	1.59	y	41:18	-	0.96
204	Pent╗	13C-PCB-118	100.00	1.34e+08	1.59	y	41:29	-	1.02
205	Pent╗	13C-PCB-114	100.00	1.37e+08	1.59	y	42:08	-	1.18
206	Pent╗	13C-PCB-105	100.00	1.35e+08	1.59	y	42:60	-	1.16
207	Pent╗	13C-PCB-127	100.00	1.47e+08	1.57	y	43:20	-	1.26
208	Pent╗	13C-PCB-126	100.00	1.35e+08	1.57	y	45:14	-	1.16
209	Hexa╗	13C-PCB-155	100.00	1.07e+08	1.26	y	36:60	-	0.81
210	Hexa╗	13C-PCB-153	100.00	1.55e+08	1.28	y	43:10	-	1.33
211	Hexa╗	13C-PCB-141	100.00	1.28e+08	1.28	y	43:54	-	1.10
212	Hexa	13C-PCB-138	100.00	1.38e+08	1.26	y	44:44	-	1.18
213	Hexa╗	13C-PCB-159	100.00	1.63e+08	1.27	y	46:01	-	1.40
214	Hexa╗	13C-PCB-167	100.00	1.64e+08	1.26	y	46:42	-	1.41
215	Hexa╗	13C-PCB-156	100.00	1.60e+08	1.27	y	47:59	-	1.38
216	Hexa╗	13C-PCB-157	100.00	1.59e+08	1.28	y	48:15	-	1.37
217	Hexa╗	13C-PCB-169	100.00	1.62e+08	1.27	y	50:28	-	1.39
218	Hept╗	13C-PCB-188	100.00	1.13e+08	0.46	y	42:48	-	1.38
219	Hept╗	13C-PCB-180	100.00	7.91e+07	0.46	y	49:17	-	0.97
220	Hept╗	13C-PCB-170	100.00	7.02e+07	0.46	y	50:53	-	0.86
221	Hept╗	13C-PCB-189	100.00	9.18e+07	0.45	y	52:29	-	1.13
222	Octa╗	13C-PCB-202	100.00	1.04e+08	0.91	y	48:12	-	1.28

223	Octa╗	13C-PCB-194	100.00	8.73e+07	0.90	y	54:03	-	0.76
224	Nona╗	13C-PCB-208	100.00	1.23e+08	0.77	y	53:19	-	1.07
225	Nona╗	13C-PCB-206	100.00	9.13e+07	0.78	y	55:37	-	0.80
226	Deca╗	13C-PCB-209	100.00	8.43e+07	1.20	y	56:56	-	0.74
227	DI-RS	13C-PCB-15	100.00	2.42e+08	1.55	y	25:52	-	1.00
228	Tri-╗	13C-PCB-31	100.00	1.98e+08	1.05	y	28:55	-	1.00
229	Tetr╗	13C-PCB-60	100.00	2.11e+08	0.79	y	36:42	-	1.00
230	Penta	13C-PCB-111	100.00	1.32e+08	1.57	y	39:11	-	1.00
231	Hexa╗	13C-PCB-128	100.00	1.16e+08	1.28	y	46:17	-	1.00
232	Hept╗	13C-PCB-182	100.00	8.15e+07	0.46	y	46:07	-	1.00

233	Octa[illegible]	13C-PCB-205	100.00	1.14e+08	0.91	y	54:19	-	1.00
234	CRS	13C-PCB-79	100.00	2.17e+08	0.80	y	37:46	-	1.03
235	CRS	13C-PCB-178	100.00	7.44e+07	0.46	y	45:35	-	0.91
236	PS	13C-PCB-79	100.00	2.17e+08	0.80	y	37:46	-	1.02
237	PS	13C-PCB-178	100.00	7.44e+07	0.46	y	45:35	-	0.94

Filename: 180208E1 S: 5 Acquired: 8-FEB-18 12:55:10
Run: 180208E1 Analyte: PCBNEW ICal: PCBVG8-2-8-18 Results:
Sample text: ST180208E1-5 PCB CS4 17L3007

	Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Mono	PCB-1	400.00	1.06e+09	3.00 y	16:00	-	1.05
2	Mono	PCB-2	400.00	1.12e+09	3.01 y	18:24	-	1.02
3	Mono	PCB-3	400.00	1.12e+09	3.00 y	18:38	-	1.02
4	Di	PCB-4/10	800.00	1.29e+09	1.54 y	20:01	-	1.20
5	Di	PCB-7/9	800.00	1.64e+09	1.55 y	21:49	-	0.95
6	Di	PCB-6	400.00	8.81e+08	1.55 y	22:28	-	1.02
7	Di	PCB-5/8	800.00	1.73e+09	1.56 y	22:52	-	1.00
8	Di	PCB-14	400.00	8.84e+08	1.56 y	23:58	-	1.00
9	Di	PCB-11	400.00	9.38e+08	1.56 y	25:10	-	1.06
10	Di	PCB-12/13	800.00	1.76e+09	1.55 y	25:34	-	0.99
11	Di	PCB-15	400.00	9.16e+08	1.53 y	25:53	-	1.03
12	Tri	PCB-19	400.00	6.92e+08	1.05 y	24:09	-	1.15
13	Tri	PCB-30	400.00	1.11e+09	1.05 y	25:03	-	1.85
14	Tri	PCB-18	400.00	7.73e+08	1.05 y	25:48	-	0.85
15	Tri	PCB-17	400.00	7.14e+08	1.04 y	25:59	-	0.79
16	Tri	PCB-24/27	800.00	2.01e+09	1.05 y	26:34	-	1.11
17	Tri	PCB-16/32	800.00	1.75e+09	1.05 y	27:04	-	0.96
18	Tri	PCB-34	400.00	6.97e+08	1.03 y	27:52	-	0.84
19	Tri	PCB-23	400.00	7.68e+08	1.08 y	27:57	-	0.93
20	Tri	PCB-29	400.00	7.41e+08	1.05 y	28:12	-	0.90
21	Tri	PCB-26	400.00	8.02e+08	1.06 y	28:26	-	0.97
22	Tri	PCB-25	400.00	8.41e+08	1.05 y	28:35	-	1.02
23	Tri	PCB-31	400.00	9.14e+08	1.05 y	28:56	-	1.11
24	Tri	PCB-28	400.00	9.09e+08	1.06 y	29:02	-	1.10
25	Tri	PCB-20/21/33	1200.00	2.44e+09	1.05 y	29:40	-	0.98
26	Tri	PCB-22	400.00	8.82e+08	1.05 y	30:06	-	1.07
27	Tri	PCB-36	400.00	9.01e+08	1.05 y	30:43	-	1.08
28	Tri	PCB-39	400.00	8.37e+08	1.06 y	31:11	-	1.00
29	Tri	PCB-38	400.00	8.81e+08	1.04 y	31:57	-	1.06
30	Tri	PCB-35	400.00	9.16e+08	1.05 y	32:29	-	1.10
31	Tri	PCB-37	400.00	8.86e+08	1.05 y	32:55	-	1.06
32	Tetra	PCB-54	400.00	8.28e+08	0.78 y	27:55	-	1.03
33	Tetra	PCB-50	400.00	7.17e+08	0.78 y	29:06	-	0.89
34	Tetra	PCB-53	400.00	6.74e+08	0.78 y	29:44	-	0.97
35	Tetra	PCB-51	400.00	7.22e+08	0.77 y	30:05	-	1.04
36	Tetra	PCB-45	400.00	5.75e+08	0.78 y	30:31	-	0.83
37	Tetra	PCB-46	400.00	5.51e+08	0.78 y	31:00	-	0.79
38	Tetra	PCB-52/69	800.00	1.66e+09	0.77 y	31:29	-	1.19
39	Tetra	PCB-73	400.00	9.41e+08	0.79 y	31:36	-	1.36
40	Tetra	PCB-43/49	800.00	1.35e+09	0.78 y	31:46	-	0.98
41	Tetra	PCB-47	400.00	6.36e+08	0.77 y	31:58	-	0.83

42	Tetra	PCB-48/75	800.00	1.69e+09	0.78 y	32:05	-	1.10
43	Tetra	PCB-65	400.00	9.31e+08	0.78 y	32:21	-	1.22
44	Tetra	PCB-62	400.00	8.02e+08	0.79 y	32:27	-	1.05
45	Tetra	PCB-44	400.00	6.38e+08	0.77 y	32:46	-	0.84
46	Tetra	PCB-42/59	800.00	1.53e+09	0.78 y	32:59	-	1.00
47	Tetra	PCB-41/64/71/72	1600.00	3.54e+09	0.78 y	33:35	-	1.16
48	Tetra	PCB-68	400.00	9.39e+08	0.77 y	33:50	-	1.23
49	Tetra	PCB-40	400.00	4.66e+08	0.78 y	34:03	-	0.61
50	Tetra	PCB-57	400.00	9.99e+08	0.78 y	34:25	-	1.06
51	Tetra	PCB-67	400.00	9.81e+08	0.77 y	34:43	-	1.04
52	Tetra	PCB-58	400.00	1.01e+09	0.79 y	34:50	-	1.08

53	Tetra	PCB-63	400.00	9.01e+08	0.78 y	34:59	-	0.96
54	Tetra	PCB-74	400.00	1.06e+09	0.78 y	35:16	-	1.12
55	Tetra	PCB-61/70	800.00	1.83e+09	0.78 y	35:26	-	0.97
56	Tetra	PCB-76/66	800.00	2.04e+09	0.78 y	35:40	-	1.08
57	Tetra	PCB-80	400.00	1.06e+09	0.78 y	35:54	-	1.12
58	Tetra	PCB-55	400.00	1.06e+09	0.77 y	36:13	-	1.12
59	Tetra	PCB-56/60	800.00	1.87e+09	0.77 y	36:42	-	0.99
60	Tetra	PCB-79	400.00	1.04e+09	0.79 y	37:47	-	1.10
61	Tetra	PCB-78	400.00	1.01e+09	0.77 y	38:28	-	1.05
62	Tetra	PCB-81	400.00	8.99e+08	0.78 y	38:60	-	0.94
63	Tetra	PCB-77	400.00	9.51e+08	0.78 y	39:35	-	1.03
64	Penta	PCB-104	400.00	6.19e+08	1.59 y	32:37	-	1.02
65	Penta	PCB-96	400.00	6.88e+08	1.59 y	33:52	-	1.13
66	Penta	PCB-103	400.00	5.49e+08	1.60 y	34:25	-	0.90
67	Penta	PCB-100	400.00	5.67e+08	1.59 y	34:47	-	0.93
68	Penta	PCB-94	400.00	4.39e+08	1.58 y	35:15	-	0.89
69	Penta	PCB-95/98/102	1200.00	1.70e+09	1.60 y	35:43	-	1.15
70	Penta	PCB-93	400.00	4.28e+08	1.58 y	35:51	-	0.87
71	Penta	PCB-88/91	800.00	9.09e+08	1.57 y	36:08	-	0.92
72	Penta	PCB-121	400.00	8.47e+08	1.61 y	36:15	-	1.72
73	Penta	PCB-84/92	800.00	9.42e+08	1.59 y	37:05	-	0.95
74	Penta	PCB-89	400.00	5.13e+08	1.60 y	37:15	-	1.04
75	Penta	PCB-90/101	800.00	1.04e+09	1.59 y	37:27	-	1.06
76	Penta	PCB-113	400.00	6.79e+08	1.56 y	37:42	-	1.38
77	Penta	PCB-99	400.00	6.44e+08	1.62 y	37:47	-	1.31
78	Penta	PCB-119	400.00	7.33e+08	1.59 y	38:14	-	1.67
79	Penta	PCB-108/112	800.00	1.15e+09	1.59 y	38:24	-	1.31
80	Penta	PCB-83	400.00	7.46e+08	1.59 y	38:34	-	1.71
81	Penta	PCB-97	400.00	4.96e+08	1.58 y	38:45	-	1.13
82	Penta	PCB-86	400.00	4.68e+08	1.53 y	38:54	-	1.07
83	Penta	PCB-87/117/125	1200.00	1.96e+09	1.59 y	39:02	-	1.49
84	Penta	PCB-111/115	800.00	1.52e+09	1.59 y	39:11	-	1.74
85	Penta	PCB-85/116	800.00	1.11e+09	1.61 y	39:18	-	1.26
86	Penta	PCB-120	400.00	8.34e+08	1.57 y	39:34	-	1.91
87	Penta	PCB-110	400.00	7.15e+08	1.59 y	39:42	-	1.63
88	Penta	PCB-82	400.00	4.53e+08	1.59 y	40:20	-	0.76
89	Penta	PCB-124	400.00	7.17e+08	1.57 y	41:00	-	1.20
90	Penta	PCB-107/109	800.00	1.54e+09	1.59 y	41:08	-	1.28
91	Penta	PCB-123	400.00	6.35e+08	1.58 y	41:19	-	1.06
92	Penta	PCB-106/118	800.00	1.48e+09	1.59 y	41:31	-	1.16
93	Penta	PCB-114	400.00	6.40e+08	1.55 y	42:09	-	1.08
94	Penta	PCB-122	400.00	5.89e+08	1.58 y	42:17	-	0.99
95	Penta	PCB-105	400.00	6.29e+08	1.58 y	43:01	-	1.09
96	Penta	PCB-127	400.00	6.70e+08	1.59 y	43:20	-	1.08
97	Penta	PCB-126	400.00	6.84e+08	1.59 y	45:14	-	1.18
98	Hexa	PCB-155	400.00	4.84e+08	1.28 y	37:01	-	0.95
99	Hexa	PCB-150	400.00	5.15e+08	1.29 y	38:16	-	1.01
100	Hexa	PCB-152	400.00	5.82e+08	1.29 y	38:45	-	1.14
101	Hexa	PCB-145	400.00	5.70e+08	1.30 y	39:11	-	1.11
102	Hexa	PCB-136	400.00	5.04e+08	1.28 y	39:31	-	0.98

103	Hexa	PCB-148	400.00	4.03e+08	1.29 y	39:37	-	0.79
104	Hexa	PCB-154	400.00	4.43e+08	1.29 y	40:07	-	0.87
105	Hexa	PCB-151	400.00	3.89e+08	1.29 y	40:45	-	0.76
106	Hexa	PCB-135	400.00	4.48e+08	1.28 y	40:58	-	0.87
107	Hexa	PCB-144	400.00	3.83e+08	1.30 y	41:05	-	0.75
108	Hexa	PCB-147	400.00	4.15e+08	1.29 y	41:12	-	0.81
109	Hexa	PCB-139/149	800.00	9.15e+08	1.28 y	41:28	-	0.89
110	Hexa	PCB-140	400.00	3.90e+08	1.25 y	41:39	-	0.76
111	Hexa	PCB-134/143	800.00	1.02e+09	1.24 y	42:05	-	0.75
112	Hexa	PCB-131/133	800.00	1.09e+09	1.25 y	42:23	-	0.80
113	Hexa	PCB-142	400.00	4.85e+08	1.24 y	42:32	-	0.71

114	Hexa	PCB-146/165	800.00	1.37e+09	1.23 y	42:46	-	0.99
115	Hexa	PCB-132/161	800.00	1.35e+09	1.23 y	43:00	-	0.98
116	Hexa	PCB-153	400.00	7.14e+08	1.24 y	43:10	-	1.04
117	Hexa	PCB-168	400.00	7.18e+08	1.23 y	43:23	-	1.05
118	Hexa	PCB-141	400.00	5.60e+08	1.24 y	43:55	-	0.98
119	Hexa	PCB-137	400.00	6.04e+08	1.22 y	44:17	-	1.06
120	Hexa	PCB-130	400.00	4.55e+08	1.25 y	44:24	-	0.80
121	Hexa	PCB-138/163/164	1200.00	2.20e+09	1.24 y	44:46	-	1.20
122	Hexa	PCB-158/160	800.00	1.41e+09	1.24 y	45:01	-	1.15
123	Hexa	PCB-129	400.00	4.58e+08	1.24 y	45:15	-	0.75
124	Hexa	PCB-166	400.00	7.89e+08	1.22 y	45:42	-	1.09
125	Hexa	PCB-159	400.00	8.37e+08	1.22 y	46:02	-	1.16
126	Hexa	PCB-128/162	800.00	1.26e+09	1.22 y	46:19	-	0.87
127	Hexa	PCB-167	400.00	7.28e+08	1.23 y	46:43	-	1.00
128	Hexa	PCB-156	400.00	7.24e+08	1.22 y	48:00	-	1.00
129	Hexa	PCB-157	400.00	6.99e+08	1.23 y	48:17	-	0.98
130	Hexa	PCB-169	400.00	7.79e+08	1.24 y	50:28	-	1.10
131	Hepta	PCB-188	400.00	6.79e+08	1.04 y	42:49	-	1.31
132	Hepta	PCB-184	400.00	6.67e+08	1.05 y	43:16	-	1.28
133	Hepta	PCB-179	400.00	6.93e+08	1.06 y	44:02	-	1.33
134	Hepta	PCB-176	400.00	6.48e+08	1.05 y	44:30	-	1.25
135	Hepta	PCB-186	400.00	7.15e+08	1.04 y	45:06	-	1.37
136	Hepta	PCB-178	400.00	4.89e+08	1.04 y	45:36	-	0.94
137	Hepta	PCB-175	400.00	5.13e+08	1.05 y	45:57	-	0.99
138	Hepta	PCB-182/187	800.00	1.15e+09	1.05 y	46:07	-	1.11
139	Hepta	PCB-183	400.00	5.58e+08	1.05 y	46:26	-	1.07
140	Hepta	PCB-185	400.00	4.78e+08	1.04 y	47:05	-	1.34
141	Hepta	PCB-174	400.00	4.84e+08	1.03 y	47:27	-	1.36
142	Hepta	PCB-181	400.00	5.30e+08	1.04 y	47:34	-	1.49
143	Hepta	PCB-177	400.00	4.67e+08	1.05 y	47:44	-	1.31
144	Hepta	PCB-171	400.00	4.77e+08	1.05 y	48:01	-	1.34
145	Hepta	PCB-173	400.00	4.36e+08	1.04 y	48:27	-	1.23
146	Hepta	PCB-172	400.00	4.92e+08	1.04 y	48:54	-	1.39
147	Hepta	PCB-192	400.00	6.47e+08	1.05 y	49:05	-	1.82
148	Hepta	PCB-180	400.00	5.30e+08	1.03 y	49:18	-	1.49
149	Hepta	PCB-193	400.00	5.83e+08	1.04 y	49:30	-	1.64
150	Hepta	PCB-191	400.00	6.08e+08	1.06 y	49:45	-	1.71
151	Hepta	PCB-170	400.00	4.35e+08	1.04 y	50:53	-	1.42
152	Hepta	PCB-190	400.00	5.93e+08	1.04 y	51:04	-	1.94
153	Hepta	PCB-189	400.00	5.83e+08	1.05 y	52:30	-	1.38
154	Octa	PCB-202	400.00	5.05e+08	0.91 y	48:13	-	1.05
155	Octa	PCB-201	400.00	4.57e+08	0.90 y	48:42	-	0.95
156	Octa	PCB-204	400.00	5.09e+08	0.91 y	48:51	-	1.06
157	Octa	PCB-197	400.00	4.94e+08	0.90 y	49:10	-	1.03
158	Octa	PCB-200	400.00	4.73e+08	0.90 y	50:04	-	0.99
159	Octa	PCB-198	400.00	3.68e+08	0.90 y	51:32	-	0.77
160	Octa	PCB-199	400.00	3.73e+08	0.91 y	51:39	-	0.78
161	Octa	PCB-196/203	800.00	7.77e+08	0.90 y	51:56	-	0.81
162	Octa	PCB-195	400.00	3.64e+08	0.90 y	53:10	-	1.01
163	Octa	PCB-194	400.00	4.02e+08	0.90 y	54:04	-	1.11

164	Octa		PCB-205	400.00	4.72e+08	0.90	y	54:20	-	1.30
165	Nona		PCB-208	400.00	4.60e+08	1.32	y	53:19	-	0.88
166	Nona		PCB-207	400.00	4.60e+08	1.32	y	53:38	-	0.88
167	Nona		PCB-206	400.00	3.34e+08	1.31	y	55:37	-	0.86
168	Deca		PCB-209	400.00	3.68e+08	1.19	y	56:57	-	1.02
169	Tot ╗		Total Mono-PCB	0.00	-	-	n	-	-	1.03
170	Tot ╗		Total Di-PCB	0.00	-	-	n	-	-	1.00
171	Tot ╗		Total Tri-PCB	0.00	-	-	n	-	-	1.10

172	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.01
173	Tot ╗	Total Tetra-PCB	0.00	-	-	n	-	-	1.03
174	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.15
175	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.09
176	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	0.90
177	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	0.97
178	Tot ╗	Total Hepta-PCB	0.00	-	-	n	-	-	1.31
179	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	0.92
180	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	1.14
181	Tot ╗	Total Nona-PCB	0.00	-	-	n	-	-	0.87
182	Tot ╗	Total Deca-PCB	400.00	3.68e+08	1.19	y	56:57	-	1.02
183	Mono╗	13C-PCB-1	100.00	2.53e+08	3.18	y	15:59	-	1.07
184	Mono╗	13C-PCB-3	100.00	2.75e+08	3.16	y	18:37	-	1.17
185	Di-IS	13C-PCB-4	100.00	1.35e+08	1.58	y	19:58	-	0.57
186	Di-IS	13C-PCB-9	100.00	2.15e+08	1.55	y	21:46	-	0.91
187	Di-IS	13C-PCB-11	100.00	2.22e+08	1.56	y	25:10	-	0.94
188	Tri-╗	13C-PCB-19	100.00	1.50e+08	1.06	y	24:08	-	0.64
189	Tri-╗	13C-PCB-32	100.00	2.26e+08	1.07	y	27:04	-	0.96
190	Tri-╗	13C-PCB-28	100.00	2.07e+08	1.05	y	29:02	-	1.03
191	Tri-╗	13C-PCB-37	100.00	2.08e+08	1.05	y	32:54	-	1.04
192	Tetr╗	13C-PCB-54	100.00	2.01e+08	0.81	y	27:54	-	0.86
193	Tetr╗	13C-PCB-52	100.00	1.73e+08	0.79	y	31:27	-	0.74
194	Tetr╗	13C-PCB-47	100.00	1.91e+08	0.79	y	31:57	-	0.82
195	Tetr╗	13C-PCB-70	100.00	2.36e+08	0.80	y	35:27	-	1.01
196	Tetr╗	13C-PCB-80	100.00	2.36e+08	0.79	y	35:53	-	1.01
197	Tetr╗	13C-PCB-81	100.00	2.40e+08	0.79	y	38:59	-	1.02
198	Tetr╗	13C-PCB-77	100.00	2.31e+08	0.81	y	39:34	-	0.99
199	Pent╗	13C-PCB-104	100.00	1.52e+08	1.59	y	32:36	-	0.97
200	Pent╗	13C-PCB-95	100.00	1.23e+08	1.58	y	35:46	-	0.79
201	Pent╗	13C-PCB-101	100.00	1.23e+08	1.62	y	37:27	-	0.79
202	Pent╗	13C-PCB-97	100.00	1.09e+08	1.59	y	38:45	-	0.70
203	Pent╗	13C-PCB-123	100.00	1.49e+08	1.58	y	41:18	-	0.95
204	Pent╗	13C-PCB-118	100.00	1.58e+08	1.58	y	41:29	-	1.01
205	Pent╗	13C-PCB-114	100.00	1.48e+08	1.59	y	42:08	-	1.14
206	Pent╗	13C-PCB-105	100.00	1.44e+08	1.56	y	42:60	-	1.11
207	Pent╗	13C-PCB-127	100.00	1.55e+08	1.59	y	43:20	-	1.20
208	Pent╗	13C-PCB-126	100.00	1.44e+08	1.56	y	45:14	-	1.11
209	Hexa╗	13C-PCB-155	100.00	1.28e+08	1.26	y	36:59	-	0.82
210	Hexa╗	13C-PCB-153	100.00	1.72e+08	1.26	y	43:10	-	1.32
211	Hexa╗	13C-PCB-141	100.00	1.42e+08	1.27	y	43:54	-	1.10
212	Hexa	13C-PCB-138	100.00	1.53e+08	1.26	y	44:44	-	1.18
213	Hexa╗	13C-PCB-159	100.00	1.81e+08	1.27	y	46:01	-	1.40
214	Hexa╗	13C-PCB-167	100.00	1.81e+08	1.26	y	46:42	-	1.40
215	Hexa╗	13C-PCB-156	100.00	1.82e+08	1.29	y	47:59	-	1.40
216	Hexa╗	13C-PCB-157	100.00	1.78e+08	1.29	y	48:15	-	1.37
217	Hexa╗	13C-PCB-169	100.00	1.77e+08	1.26	y	50:27	-	1.37
218	Hept╗	13C-PCB-188	100.00	1.30e+08	0.46	y	42:48	-	1.41
219	Hept╗	13C-PCB-180	100.00	8.88e+07	0.47	y	49:17	-	0.97
220	Hept╗	13C-PCB-170	100.00	7.64e+07	0.45	y	50:52	-	0.83
221	Hept╗	13C-PCB-189	100.00	1.06e+08	0.47	y	52:29	-	1.15
222	Octa╗	13C-PCB-202	100.00	1.20e+08	0.91	y	48:12	-	1.30

223	Octa╗	13C-PCB-194	100.00	9.06e+07	0.90	y	54:03	-	0.77
224	Nona╗	13C-PCB-208	100.00	1.31e+08	0.77	y	53:18	-	1.11
225	Nona╗	13C-PCB-206	100.00	9.72e+07	0.77	y	55:36	-	0.82
226	Deca╗	13C-PCB-209	100.00	8.99e+07	1.21	y	56:56	-	0.76
227	DI-RS	13C-PCB-15	100.00	2.36e+08	1.55	y	25:52	-	1.00
228	Tri-╗	13C-PCB-31	100.00	2.01e+08	1.04	y	28:55	-	1.00
229	Tetr╗	13C-PCB-60	100.00	2.34e+08	0.80	y	36:42	-	1.00
230	Penta	13C-PCB-111	100.00	1.57e+08	1.58	y	39:11	-	1.00
231	Hexa╗	13C-PCB-128	100.00	1.30e+08	1.25	y	46:17	-	1.00
232	Hept╗	13C-PCB-182	100.00	9.20e+07	0.46	y	46:07	-	1.00

233	Octa	13C-PCB-205	100.00	1.18e+08	0.90	y	54:19	-	1.00
234	CRS	13C-PCB-79	100.00	2.43e+08	0.79	y	37:46	-	1.04
235	CRS	13C-PCB-178	100.00	8.69e+07	0.46	y	45:35	-	0.94
236	PS	13C-PCB-79	100.00	2.43e+08	0.79	y	37:46	-	1.01
237	PS	13C-PCB-178	100.00	8.69e+07	0.46	y	45:35	-	0.98

Filename: 180208E1 S: 6 Acquired: 8-FEB-18 14:00:18
Run: 180208E1 Analyte: PCBNEW ICal: PCBVG8-2-8-18 Results:
Sample text: ST180208E1-6 PCB CS5 17L3008

	Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Mono	PCB-1	1000.00	2.61e+09	2.96 y	16:01	-	1.01
2	Mono	PCB-2	1000.00	2.74e+09	2.99 y	18:25	-	1.00
3	Mono	PCB-3	1000.00	2.70e+09	2.97 y	18:39	-	0.99
4	Di	PCB-4/10	2000.00	3.04e+09	1.55 y	20:01	-	1.15
5	Di	PCB-7/9	2000.00	3.76e+09	1.55 y	21:49	-	0.92
6	Di	PCB-6	1000.00	2.02e+09	1.56 y	22:28	-	0.99
7	Di	PCB-5/8	2000.00	3.91e+09	1.55 y	22:52	-	0.96
8	Di	PCB-14	1000.00	1.98e+09	1.55 y	23:58	-	0.98
9	Di	PCB-11	1000.00	2.10e+09	1.56 y	25:10	-	1.04
10	Di	PCB-12/13	2000.00	3.91e+09	1.55 y	25:34	-	0.97
11	Di	PCB-15	1000.00	2.00e+09	1.53 y	25:53	-	0.99
12	Tri	PCB-19	1000.00	1.52e+09	1.04 y	24:09	-	1.13
13	Tri	PCB-30	1000.00	2.45e+09	1.05 y	25:03	-	1.82
14	Tri	PCB-18	1000.00	1.68e+09	1.05 y	25:48	-	0.86
15	Tri	PCB-17	1000.00	1.55e+09	1.05 y	25:59	-	0.80
16	Tri	PCB-24/27	2000.00	4.32e+09	1.05 y	26:33	-	1.11
17	Tri	PCB-16/32	2000.00	3.69e+09	1.05 y	27:04	-	0.95
18	Tri	PCB-34	1000.00	1.55e+09	1.04 y	27:52	-	0.97
19	Tri	PCB-23	1000.00	1.59e+09	1.07 y	27:57	-	1.00
20	Tri	PCB-29	1000.00	1.56e+09	1.06 y	28:12	-	0.98
21	Tri	PCB-26	1000.00	1.61e+09	1.06 y	28:25	-	1.01
22	Tri	PCB-25	1000.00	1.69e+09	1.07 y	28:35	-	1.06
23	Tri	PCB-31	1000.00	1.89e+09	1.05 y	28:56	-	1.19
24	Tri	PCB-28	1000.00	1.73e+09	1.07 y	29:02	-	1.09
25	Tri	PCB-20/21/33	3000.00	4.98e+09	1.06 y	29:39	-	1.04
26	Tri	PCB-22	1000.00	1.84e+09	1.05 y	30:06	-	1.15
27	Tri	PCB-36	1000.00	1.89e+09	1.06 y	30:42	-	1.05
28	Tri	PCB-39	1000.00	1.78e+09	1.05 y	31:11	-	0.99
29	Tri	PCB-38	1000.00	1.85e+09	1.06 y	31:57	-	1.03
30	Tri	PCB-35	1000.00	1.94e+09	1.05 y	32:29	-	1.08
31	Tri	PCB-37	1000.00	1.87e+09	1.06 y	32:55	-	1.04
32	Tetra	PCB-54	1000.00	1.74e+09	0.78 y	27:54	-	1.00
33	Tetra	PCB-50	1000.00	1.36e+09	0.77 y	29:04	-	0.78
34	Tetra	PCB-53	1000.00	1.33e+09	0.77 y	29:44	-	0.92
35	Tetra	PCB-51	1000.00	1.45e+09	0.78 y	30:05	-	1.00
36	Tetra	PCB-45	1000.00	1.16e+09	0.78 y	30:30	-	0.80
37	Tetra	PCB-46	1000.00	1.12e+09	0.78 y	30:59	-	0.78
38	Tetra	PCB-52/69	2000.00	3.46e+09	0.77 y	31:29	-	1.20
39	Tetra	PCB-73	1000.00	1.83e+09	0.78 y	31:36	-	1.27
40	Tetra	PCB-43/49	2000.00	2.84e+09	0.78 y	31:45	-	0.98
41	Tetra	PCB-47	1000.00	1.34e+09	0.78 y	31:57	-	0.83

42	Tetra	PCB-48/75	2000.00	3.41e+09	0.78	y	32:04	-	1.06
43	Tetra	PCB-65	1000.00	1.98e+09	0.77	y	32:20	-	1.24
44	Tetra	PCB-62	1000.00	1.62e+09	0.78	y	32:27	-	1.01
45	Tetra	PCB-44	1000.00	1.31e+09	0.78	y	32:45	-	0.82
46	Tetra	PCB-42/59	2000.00	3.12e+09	0.78	y	32:59	-	0.97
47	Tetra	PCB-41/64/71/72	4000.00	7.25e+09	0.78	y	33:34	-	1.13
48	Tetra	PCB-68	1000.00	1.93e+09	0.78	y	33:50	-	1.20
49	Tetra	PCB-40	1000.00	9.50e+08	0.78	y	34:02	-	0.59
50	Tetra	PCB-57	1000.00	2.01e+09	0.78	y	34:24	-	1.04
51	Tetra	PCB-67	1000.00	2.03e+09	0.77	y	34:42	-	1.05
52	Tetra	PCB-58	1000.00	2.07e+09	0.78	y	34:50	-	1.07

53	Tetra	PCB-63	1000.00	1.82e-09	0.78 y	34:59	-	0.94
54	Tetra	PCB-74	1000.00	2.17e+09	0.78 y	35:16	-	1.12
55	Tetra	PCB-61/70	2000.00	3.66e+09	0.78 y	35:26	-	0.95
56	Tetra	PCB-76/66	2000.00	4.13e+09	0.78 y	35:39	-	1.07
57	Tetra	PCB-80	1000.00	2.14e+09	0.78 y	35:54	-	1.11
58	Tetra	PCB-55	1000.00	2.15e+09	0.77 y	36:13	-	1.12
59	Tetra	PCB-56/60	2000.00	3.82e+09	0.78 y	36:42	-	0.99
60	Tetra	PCB-79	1000.00	2.13e+09	0.78 y	37:46	-	1.10
61	Tetra	PCB-78	1000.00	2.03e+09	0.78 y	38:28	-	1.03
62	Tetra	PCB-81	1000.00	1.80e+09	0.78 y	38:59	-	0.91
63	Tetra	PCB-77	1000.00	1.92e+09	0.78 y	39:35	-	1.02
64	Penta	PCB-104	1000.00	1.21e+09	1.58 y	32:37	-	1.00
65	Penta	PCB-96	1000.00	1.32e+09	1.59 y	33:52	-	1.10
66	Penta	PCB-103	1000.00	1.06e+09	1.61 y	34:25	-	0.88
67	Penta	PCB-100	1000.00	1.08e+09	1.60 y	34:47	-	0.90
68	Penta	PCB-94	1000.00	8.53e+08	1.59 y	35:15	-	0.87
69	Penta	PCB-95/98/102	3000.00	3.16e+09	1.60 y	35:43	-	1.07
70	Penta	PCB-93	1000.00	8.96e+08	1.59 y	35:51	-	0.91
71	Penta	PCB-88/91	2000.00	1.76e+09	1.58 y	36:08	-	0.89
72	Penta	PCB-121	1000.00	1.59e+09	1.62 y	36:15	-	1.61
73	Penta	PCB-84/92	2000.00	1.81e+09	1.59 y	37:05	-	0.92
74	Penta	PCB-89	1000.00	9.76e+08	1.59 y	37:15	-	0.99
75	Penta	PCB-90/101	2000.00	1.99e+09	1.59 y	37:27	-	1.01
76	Penta	PCB-113	1000.00	1.44e+09	1.56 y	37:42	-	1.46
77	Penta	PCB-99	1000.00	1.10e+09	1.64 y	37:47	-	1.12
78	Penta	PCB-119	1000.00	1.43e+09	1.60 y	38:14	-	1.68
79	Penta	PCB-108/112	2000.00	2.28e+09	1.64 y	38:25	-	1.34
80	Penta	PCB-83	1000.00	1.41e+09	1.52 y	38:34	-	1.65
81	Penta	PCB-97	1000.00	9.57e+08	1.59 y	38:45	-	1.12
82	Penta	PCB-86	1000.00	9.05e+08	1.57 y	38:54	-	1.06
83	Penta	PCB-87/117/125	3000.00	3.84e+09	1.60 y	39:02	-	1.50
84	Penta	PCB-111/115	2000.00	2.93e+09	1.59 y	39:11	-	1.72
85	Penta	PCB-85/116	2000.00	2.14e+09	1.61 y	39:19	-	1.26
86	Penta	PCB-120	1000.00	1.62e+09	1.59 y	39:34	-	1.90
87	Penta	PCB-110	1000.00	1.37e+09	1.61 y	39:42	-	1.61
88	Penta	PCB-82	1000.00	8.70e+08	1.59 y	40:19	-	0.77
89	Penta	PCB-124	1000.00	1.51e+09	1.56 y	41:00	-	1.33
90	Penta	PCB-107/109	2000.00	2.70e+09	1.59 y	41:08	-	1.19
91	Penta	PCB-123	1000.00	1.21e+09	1.63 y	41:20	-	1.07
92	Penta	PCB-106/118	2000.00	2.70e+09	1.58 y	41:31	-	1.10
93	Penta	PCB-114	1000.00	1.32e+09	1.56 y	42:09	-	1.04
94	Penta	PCB-122	1000.00	1.23e+09	1.58 y	42:17	-	0.97
95	Penta	PCB-105	1000.00	1.32e+09	1.58 y	43:01	-	1.08
96	Penta	PCB-127	1000.00	1.41e+09	1.58 y	43:20	-	1.05
97	Penta	PCB-126	1000.00	1.44e+09	1.60 y	45:14	-	1.16
98	Hexa	PCB-155	1000.00	9.07e+08	1.29 y	37:01	-	0.93
99	Hexa	PCB-150	1000.00	9.56e+08	1.29 y	38:16	-	0.98
100	Hexa	PCB-152	1000.00	1.08e+09	1.29 y	38:45	-	1.11
101	Hexa	PCB-145	1000.00	1.05e+09	1.29 y	39:11	-	1.08
102	Hexa	PCB-136	1000.00	9.39e+08	1.28 y	39:31	-	0.97

103	Hexa	PCB-148	1000.00	7.52e+08	1.30 y	39:37	-	0.77
104	Hexa	PCB-154	1000.00	8.28e+08	1.28 y	40:07	-	0.85
105	Hexa	PCB-151	1000.00	7.22e+08	1.29 y	40:44	-	0.74
106	Hexa	PCB-135	1000.00	8.24e+08	1.28 y	40:58	-	0.85
107	Hexa	PCB-144	1000.00	6.97e+08	1.31 y	41:05	-	0.72
108	Hexa	PCB-147	1000.00	7.40e+08	1.30 y	41:12	-	0.76
109	Hexa	PCB-139/149	2000.00	1.65e+09	1.29 y	41:28	-	0.85
110	Hexa	PCB-140	1000.00	6.98e+08	1.29 y	41:39	-	0.72
111	Hexa	PCB-134/143	2000.00	2.01e+09	1.25 y	42:05	-	0.72
112	Hexa	PCB-131/133	2000.00	2.23e+09	1.25 y	42:23	-	0.80
113	Hexa	PCB-142	1000.00	9.70e+08	1.24 y	42:32	-	0.70

114	Hexa	PCB-146/165	2000.00	2.76e+09	1.24 y	42:46	-	0.99
115	Hexa	PCB-132/161	2000.00	2.74e+09	1.24 y	43:00	-	0.98
116	Hexa	PCB-153	1000.00	1.42e+09	1.25 y	43:10	-	1.02
117	Hexa	PCB-168	1000.00	1.45e+09	1.24 y	43:23	-	1.04
118	Hexa	PCB-141	1000.00	1.13e+09	1.24 y	43:54	-	0.97
119	Hexa	PCB-137	1000.00	1.24e+09	1.23 y	44:17	-	1.07
120	Hexa	PCB-130	1000.00	9.03e+08	1.25 y	44:24	-	0.77
121	Hexa	PCB-138/163/164	3000.00	4.46e+09	1.24 y	44:46	-	1.18
122	Hexa	PCB-158/160	2000.00	2.84e+09	1.24 y	45:01	-	1.12
123	Hexa	PCB-129	1000.00	9.27e+08	1.24 y	45:15	-	0.73
124	Hexa	PCB-166	1000.00	1.61e+09	1.24 y	45:42	-	1.06
125	Hexa	PCB-159	1000.00	1.71e+09	1.24 y	46:02	-	1.13
126	Hexa	PCB-128/162	2000.00	2.58e+09	1.23 y	46:19	-	0.85
127	Hexa	PCB-167	1000.00	1.47e+09	1.23 y	46:43	-	0.97
128	Hexa	PCB-156	1000.00	1.50e+09	1.24 y	48:00	-	0.99
129	Hexa	PCB-157	1000.00	1.46e+09	1.24 y	48:15	-	0.97
130	Hexa	PCB-169	1000.00	1.67e+09	1.25 y	50:28	-	1.10
131	Hepta	PCB-188	1000.00	1.31e+09	1.05 y	42:48	-	1.30
132	Hepta	PCB-184	1000.00	1.28e+09	1.05 y	43:15	-	1.27
133	Hepta	PCB-179	1000.00	1.35e+09	1.05 y	44:01	-	1.33
134	Hepta	PCB-176	1000.00	1.27e+09	1.05 y	44:29	-	1.25
135	Hepta	PCB-186	1000.00	1.41e+09	1.04 y	45:06	-	1.39
136	Hepta	PCB-178	1000.00	9.71e+08	1.06 y	45:36	-	0.96
137	Hepta	PCB-175	1000.00	1.02e+09	1.05 y	45:57	-	1.01
138	Hepta	PCB-182/187	2000.00	2.28e+09	1.05 y	46:07	-	1.13
139	Hepta	PCB-183	1000.00	1.12e+09	1.04 y	46:25	-	1.10
140	Hepta	PCB-185	1000.00	9.60e+08	1.06 y	47:05	-	1.30
141	Hepta	PCB-174	1000.00	9.99e+08	1.05 y	47:27	-	1.35
142	Hepta	PCB-181	1000.00	1.06e+09	1.05 y	47:33	-	1.43
143	Hepta	PCB-177	1000.00	9.42e+08	1.05 y	47:43	-	1.28
144	Hepta	PCB-171	1000.00	9.63e+08	1.05 y	48:00	-	1.31
145	Hepta	PCB-173	1000.00	8.78e+08	1.05 y	48:26	-	1.19
146	Hepta	PCB-172	1000.00	1.00e+09	1.05 y	48:54	-	1.36
147	Hepta	PCB-192	1000.00	1.30e+09	1.05 y	49:05	-	1.77
148	Hepta	PCB-180	1000.00	1.08e+09	1.05 y	49:17	-	1.46
149	Hepta	PCB-193	1000.00	1.18e+09	1.05 y	49:29	-	1.60
150	Hepta	PCB-191	1000.00	1.25e+09	1.05 y	49:44	-	1.69
151	Hepta	PCB-170	1000.00	9.07e+08	1.04 y	50:53	-	1.40
152	Hepta	PCB-190	1000.00	1.23e+09	1.06 y	51:04	-	1.89
153	Hepta	PCB-189	1000.00	1.21e+09	1.05 y	52:29	-	1.38
154	Octa	PCB-202	1000.00	9.95e+08	0.91 y	48:13	-	1.04
155	Octa	PCB-201	1000.00	9.11e+08	0.90 y	48:42	-	0.95
156	Octa	PCB-204	1000.00	9.96e+08	0.90 y	48:51	-	1.04
157	Octa	PCB-197	1000.00	9.86e+08	0.90 y	49:10	-	1.03
158	Octa	PCB-200	1000.00	9.59e+08	0.90 y	50:04	-	1.00
159	Octa	PCB-198	1000.00	7.64e+08	0.90 y	51:32	-	0.80
160	Octa	PCB-199	1000.00	7.38e+08	0.90 y	51:39	-	0.77
161	Octa	PCB-196/203	2000.00	1.58e+09	0.90 y	51:56	-	0.82
162	Octa	PCB-195	1000.00	8.04e+08	0.90 y	53:10	-	0.97
163	Octa	PCB-194	1000.00	8.93e+08	0.90 y	54:03	-	1.07

164	Octa	PCB-205	1000.00	1.05e+09	0.90	y	54:19	-	1.26
165	Nona	PCB-208	1000.00	1.01e+09	1.32	y	53:19	-	0.86
166	Nona	PCB-207	1000.00	1.02e+09	1.32	y	53:38	-	0.87
167	Nona	PCB-206	1000.00	7.42e+08	1.31	y	55:37	-	0.84
168	Deca	PCB-209	1000.00	8.00e+08	1.19	y	56:57	-	1.00
169	Tot ╗	Total Mono-PCB	0.00	-	-	n	-	-	1.00
170	Tot ╗	Total Di-PCB	0.00	-	-	n	-	-	0.98
171	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.09

172	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.04
173	Tot ╗	Total Tetra-PCB	0.00	-	-	n	-	-	1.00
174	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.12
175	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.06
176	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	0.87
177	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	0.96
178	Tot ╗	Total Hepta-PCB	0.00	-	-	n	-	-	1.31
179	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	0.92
180	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	1.10
181	Tot ╗	Total Nona-PCB	0.00	-	-	n	-	-	0.86
182	Tot ╗	Total Deca-PCB	1000.00	8.00e+08	1.19	y	56:57	-	1.00
183	Mono╗	13C-PCB-1	100.00	2.59e+08	3.17	y	16:00	-	1.22
184	Mono╗	13C-PCB-3	100.00	2.72e+08	3.19	y	18:38	-	1.28
185	Di-IS	13C-PCB-4	100.00	1.32e+08	1.56	y	19:58	-	0.62
186	Di-IS	13C-PCB-9	100.00	2.04e+08	1.55	y	21:46	-	0.96
187	Di-IS	13C-PCB-11	100.00	2.02e+08	1.54	y	25:10	-	0.95
188	Tri-╗	13C-PCB-19	100.00	1.35e+08	1.06	y	24:08	-	0.63
189	Tri-╗	13C-PCB-32	100.00	1.94e+08	1.06	y	27:04	-	0.91
190	Tri-╗	13C-PCB-28	100.00	1.60e+08	1.05	y	29:02	-	0.93
191	Tri-╗	13C-PCB-37	100.00	1.80e+08	1.05	y	32:54	-	1.05
192	Tetr╗	13C-PCB-54	100.00	1.74e+08	0.80	y	27:54	-	0.90
193	Tetr╗	13C-PCB-52	100.00	1.44e+08	0.80	y	31:26	-	0.75
194	Tetr╗	13C-PCB-47	100.00	1.60e+08	0.79	y	31:57	-	0.83
195	Tetr╗	13C-PCB-70	100.00	1.93e+08	0.81	y	35:27	-	1.00
196	Tetr╗	13C-PCB-80	100.00	1.93e+08	0.81	y	35:53	-	0.99
197	Tetr╗	13C-PCB-81	100.00	1.96e+08	0.81	y	38:59	-	1.01
198	Tetr╗	13C-PCB-77	100.00	1.88e+08	0.81	y	39:34	-	0.97
199	Pent╗	13C-PCB-104	100.00	1.20e+08	1.58	y	32:36	-	0.99
200	Pent╗	13C-PCB-95	100.00	9.85e+07	1.56	y	35:46	-	0.81
201	Pent╗	13C-PCB-101	100.00	9.85e+07	1.57	y	37:27	-	0.81
202	Pent╗	13C-PCB-97	100.00	8.53e+07	1.61	y	38:45	-	0.70
203	Pent╗	13C-PCB-123	100.00	1.13e+08	1.59	y	41:18	-	0.93
204	Pent╗	13C-PCB-118	100.00	1.23e+08	1.58	y	41:29	-	1.01
205	Pent╗	13C-PCB-114	100.00	1.26e+08	1.60	y	42:08	-	1.17
206	Pent╗	13C-PCB-105	100.00	1.23e+08	1.60	y	42:60	-	1.13
207	Pent╗	13C-PCB-127	100.00	1.35e+08	1.58	y	43:20	-	1.24
208	Pent╗	13C-PCB-126	100.00	1.23e+08	1.57	y	45:14	-	1.14
209	Hexa╗	13C-PCB-155	100.00	9.72e+07	1.27	y	36:59	-	0.80
210	Hexa╗	13C-PCB-153	100.00	1.39e+08	1.27	y	43:10	-	1.28
211	Hexa╗	13C-PCB-141	100.00	1.17e+08	1.29	y	43:54	-	1.08
212	Hexa	13C-PCB-138	100.00	1.26e+08	1.28	y	44:44	-	1.16
213	Hexa╗	13C-PCB-159	100.00	1.52e+08	1.27	y	46:01	-	1.40
214	Hexa╗	13C-PCB-167	100.00	1.51e+08	1.25	y	46:42	-	1.39
215	Hexa╗	13C-PCB-156	100.00	1.51e+08	1.27	y	47:59	-	1.39
216	Hexa╗	13C-PCB-157	100.00	1.51e+08	1.27	y	48:15	-	1.39
217	Hexa╗	13C-PCB-169	100.00	1.51e+08	1.28	y	50:27	-	1.40
218	Hept╗	13C-PCB-188	100.00	1.01e+08	0.46	y	42:47	-	1.35
219	Hept╗	13C-PCB-180	100.00	7.38e+07	0.46	y	49:16	-	0.98
220	Hept╗	13C-PCB-170	100.00	6.49e+07	0.47	y	50:52	-	0.87
221	Hept╗	13C-PCB-189	100.00	8.75e+07	0.44	y	52:29	-	1.17
222	Octa╗	13C-PCB-202	100.00	9.60e+07	0.91	y	48:12	-	1.28

223	Octa╗	13C-PCB-194	100.00	8.31e+07	0.91 y	54:02	-	0.79
224	Nona╗	13C-PCB-208	100.00	1.17e+08	0.76 y	53:18	-	1.11
225	Nona╗	13C-PCB-206	100.00	8.79e+07	0.78 y	55:36	-	0.83
226	Deca╗	13C-PCB-209	100.00	8.01e+07	1.19 y	56:56	-	0.76
227	DI-RS	13C-PCB-15	100.00	2.13e+08	1.55 y	25:52	-	1.00
228	Tri-╗	13C-PCB-31	100.00	1.71e+08	1.05 y	28:55	-	1.00
229	Tetr╗	13C-PCB-60	100.00	1.94e+08	0.79 y	36:42	-	1.00
230	Penta	13C-PCB-111	100.00	1.22e+08	1.61 y	39:11	-	1.00
231	Hexa╗	13C-PCB-128	100.00	1.08e+08	1.28 y	46:17	-	1.00
232	Hept╗	13C-PCB-182	100.00	7.51e+07	0.47 y	46:07	-	1.00

233	Octa¶	13C-PCB-205	100.00	1.06e+08	0.91 y	54:19	-	1.00
234	CRS	13C-PCB-79	100.00	2.01e+08	0.80 y	37:46	-	1.04
235	CRS	13C-PCB-178	100.00	6.78e+07	0.46 y	45:35	-	0.90
236	PS	13C-PCB-79	100.00	2.01e+08	0.80 y	37:46	-	1.02
237	PS	13C-PCB-178	100.00	6.78e+07	0.46 y	45:35	-	0.92

Initial Calibration RRF Summary (ICAL) Vista Analytical Laboratory

Run: 180208E1 Analyte: PCBNEW Cal: PCBVG8-2-8-18 Inst. ID. VG-8

Data filename: 180208E1

Name	RRT Limits Lower	RRT Limits Upper	Samp# 1 0.25 RRT#1	Samp# 2 1.0 RRT#2	Samp# 3 2.5 RRT#3	Samp# 4 50 RRT#4	Samp# 5 400 RRT#5	Samp# 6 1000 RRT#6
PCB-1	0.996	-1.006	1.001	1.001	1.001	1.001	1.001	1.001
PCB-2	0.983	-0.993	0.988	0.988	0.988	0.988	0.988	0.988
PCB-3	0.996	-1.006	1.000	1.001	1.001	1.001	1.001	1.001
PCB-4/10	0.998	-1.008	1.002	1.003	1.003	1.003	1.003	1.002
PCB-7/9	0.863	-0.871	0.867	0.867	0.867	0.867	0.867	0.867
PCB-6	0.888	-0.897	0.893	0.893	0.893	0.893	0.893	0.893
PCB-5/8	0.904	-0.913	0.909	0.909	0.909	0.909	0.909	0.909
PCB-14	0.948	-0.958	0.953	0.953	0.953	0.953	0.953	0.953
PCB-11	0.996	-1.006	1.000	1.001	1.001	1.001	1.000	1.000
PCB-12/13	1.011	-1.021	1.016	1.016	1.017	1.016	1.016	1.016
PCB-15	1.023	-1.033	1.029	1.028	1.029	1.029	1.029	1.029
PCB-19	0.996	-1.006	1.001	1.001	1.001	1.001	1.001	1.001
PCB-30	1.034	-1.044	1.038	1.038	1.038	1.038	1.038	1.038
PCB-18	0.948	-0.958	0.953	0.954	0.954	0.953	0.953	0.954
PCB-17	0.955	-0.965	0.960	0.960	0.960	0.960	0.960	0.960
PCB-24/27	0.977	-0.986	0.981	0.981	0.981	0.981	0.981	0.981
PCB-16/32	0.995	-1.005	1.000	1.000	1.000	1.000	1.000	1.000
PCB-34	0.955	-0.965	0.960	0.960	0.960	0.960	0.960	0.960
PCB-23	0.958	-0.968	0.964	0.963	0.964	0.963	0.963	0.963
PCB-29	0.966	-0.976	0.972	0.972	0.972	0.971	0.971	0.971
PCB-26	0.974	-0.984	0.979	0.979	0.979	0.979	0.979	0.979
PCB-25	0.980	-0.990	0.985	0.985	0.984	0.985	0.985	0.985
PCB-31	0.992	-1.002	0.997	0.997	0.997	0.997	0.997	0.997
PCB-28	0.995	-1.005	1.001	1.001	1.001	1.000	1.000	1.000
PCB-20/21/33	1.017	-1.027	1.022	1.021	1.022	1.022	1.022	1.021
PCB-22	1.032	-1.042	1.037	1.037	1.037	1.037	1.037	1.037
PCB-36	0.929	-0.939	0.934	0.933	0.934	0.934	0.934	0.933
PCB-39	0.943	-0.953	0.948	0.948	0.948	0.948	0.948	0.948
PCB-38	0.966	-0.976	0.972	0.971	0.972	0.971	0.971	0.971
PCB-35	0.982	-0.992	0.987	0.987	0.987	0.987	0.987	0.987
PCB-37	0.996	-1.006	1.000	1.000	1.000	1.000	1.000	1.001
PCB-54	0.996	-1.006	1.000	1.001	1.001	1.001	1.001	1.000
PCB-50	1.038	-1.048	1.043	1.043	1.043	1.043	1.043	1.042
PCB-53	0.940	-0.950	0.945	0.945	0.945	0.946	0.946	0.946
PCB-51	0.952	-0.962	0.956	0.956	0.956	0.957	0.957	0.957
PCB-45	0.965	-0.975	0.970	0.970	0.970	0.971	0.970	0.970
PCB-46	0.980	-0.990	0.986	0.986	0.985	0.985	0.986	0.985
PCB-52/69	0.996	-1.006	1.001	1.001	1.001	1.001	1.001	1.001
PCB-73	1.000	-1.010	1.005	1.004	1.005	1.005	1.005	1.005
PCB-43/49	1.005	-1.015	1.010	1.010	1.010	1.010	1.010	1.010
PCB-47	0.995	-1.005	1.000	1.001	1.000	1.000	1.000	1.000

PCB-48/75	0.999	-1.009	1.004	1.004	1.004	1.004	1.004	1.004
PCB-65	1.007	-1.017	1.012	1.013	1.012	1.012	1.012	1.012
PCB-62	1.011	-1.021	1.016	1.016	1.016	1.016	1.016	1.016
PCB-44	1.020	-1.030	1.025	1.026	1.025	1.025	1.025	1.025
PCB-42/59	1.027	-1.037	1.032	1.032	1.033	1.032	1.033	1.032
PCB-41/64/71/72	1.046	-1.056	1.051	1.051	1.051	1.050	1.051	1.051
PCB-68	1.054	-1.064	1.059	1.059	1.059	1.059	1.059	1.059
PCB-40	1.060	-1.070	1.066	1.066	1.066	1.065	1.066	1.065
PCB-57	0.965	-0.975	0.970	0.970	0.970	0.970	0.971	0.970
PCB-67	0.973	-0.983	0.978	0.979	0.979	0.978	0.979	0.979
PCB-58	0.977	-0.987	0.982	0.982	0.982	0.982	0.982	0.982

PCB-63	0.981 -0.991	0.986	0.986	0.986	0.986	0.987	0.987
PCB-74	0.989 -0.999	0.994	0.995	0.994	0.994	0.995	0.995
PCB-61/70	0.994 -1.004	1.000	0.999	0.999	0.999	0.999	0.999
PCB-76/66	1.000 -1.010	1.005	1.005	1.005	1.005	1.006	1.005
PCB-80	0.995 -1.005	1.001	1.000	1.001	1.000	1.001	1.000
PCB-55	1.004 -1.014	1.009	1.009	1.009	1.009	1.009	1.009
PCB-56/60	1.018 -1.028	1.023	1.023	1.022	1.023	1.023	1.023
PCB-79	1.047 -1.057	1.053	1.053	1.053	1.052	1.053	1.052
PCB-78	0.982 -0.992	0.987	0.987	0.987	0.987	0.987	0.987
PCB-81	0.995 -1.005	1.000	1.000	1.000	1.000	1.000	1.000
PCB-77	0.995 -1.005	1.001	1.000	1.000	1.000	1.000	1.000
PCB-104	0.996 -1.006	1.001	1.000	1.000	1.001	1.001	1.001
PCB-96	1.034 -1.044	1.039	1.039	1.039	1.039	1.039	1.039
PCB-103	1.051 -1.061	1.056	1.056	1.056	1.056	1.056	1.056
PCB-100	1.062 -1.072	1.066	1.066	1.067	1.067	1.067	1.067
PCB-94	0.981 -0.991	0.985	0.985	0.985	0.986	0.986	0.986
PCB-95/98/102	0.994 -1.004	0.999	0.999	0.999	0.999	0.999	0.999
PCB-93	0.997 -1.007	1.003	1.003	1.003	1.002	1.003	1.003
PCB-88/91	1.005 -1.015	1.011	1.011	1.011	1.010	1.010	1.010
PCB-121	1.009 -1.019	1.014	1.014	1.014	1.014	1.014	1.014
PCB-84/92	0.985 -0.995	0.991	0.990	0.990	0.990	0.990	0.990
PCB-89	0.990 -1.000	0.995	0.995	0.995	0.995	0.995	0.995
PCB-90/101	0.995 -1.005	1.000	1.000	1.000	1.000	1.000	1.000
PCB-113	1.002 -1.012	1.007	1.006	1.007	1.007	1.007	1.007
PCB-99	1.004 -1.014	1.009	1.009	1.009	1.009	1.009	1.009
PCB-119	0.982 -0.992	0.987	0.987	0.987	0.987	0.987	0.987
PCB-108/112	0.986 -0.996	0.991	0.991	0.991	0.991	0.991	0.991
PCB-83	0.990 -1.000	0.996	0.996	0.995	0.995	0.995	0.995
PCB-97	0.995 -1.005	1.001	1.000	1.000	1.000	1.000	1.000
PCB-86	0.999 -1.009	1.004	1.004	1.004	1.004	1.004	1.004
PCB-87/117/125	1.002 -1.012	1.007	1.007	1.007	1.007	1.007	1.007
PCB-111/115	1.006 -1.016	1.012	1.012	1.011	1.011	1.011	1.011
PCB-85/116	1.009 -1.019	1.014	1.015	1.015	1.015	1.014	1.015
PCB-120	1.016 -1.026	1.021	1.021	1.021	1.021	1.021	1.021
PCB-110	1.020 -1.030	1.025	1.025	1.024	1.025	1.025	1.025
PCB-82	0.972 -0.982	0.976	0.976	0.976	0.976	0.977	0.976
PCB-124	0.988 -0.998	0.993	0.993	0.992	0.993	0.993	0.993
PCB-107/109	0.991 -1.001	0.996	0.996	0.997	0.996	0.996	0.996
PCB-123	0.996 -1.006	1.000	1.000	1.001	1.001	1.000	1.001
PCB-106/118	0.996 -1.006	1.001	1.001	1.001	1.001	1.001	1.001
PCB-114	0.995 -1.005	1.000	1.001	1.000	1.000	1.000	1.000
PCB-122	0.999 -1.009	1.004	1.004	1.004	1.003	1.003	1.003
PCB-105	0.995 -1.005	1.000	1.001	1.000	1.000	1.001	1.001
PCB-127	0.995 -1.005	1.000	1.000	1.001	1.000	1.000	1.000
PCB-126	0.995 -1.005	1.000	1.000	1.000	1.000	1.000	1.000
PCB-155	0.995 -1.005	1.000	1.001	1.001	1.001	1.001	1.001
PCB-150	1.030 -1.040	1.034	1.034	1.035	1.035	1.035	1.035
PCB-152	1.042 -1.052	1.047	1.047	1.048	1.047	1.047	1.047
PCB-145	1.054 -1.064	1.059	1.059	1.060	1.059	1.059	1.059
PCB-136	1.063 -1.073	1.068	1.068	1.068	1.068	1.068	1.068

PCB-148	1.066	-1.076	1.071	1.071	1.072	1.071	1.071	1.071
PCB-154	1.079	-1.089	1.084	1.084	1.084	1.084	1.084	1.084
PCB-151	1.095	-1.107	1.102	1.102	1.102	1.102	1.101	1.101
PCB-135	1.101	-1.113	1.107	1.107	1.108	1.107	1.107	1.107
PCB-144	1.105	-1.116	1.110	1.111	1.111	1.110	1.110	1.111
PCB-147	1.108	-1.120	1.114	1.114	1.114	1.114	1.114	1.114
PCB-139/149	1.115	-1.127	1.121	1.121	1.121	1.121	1.121	1.121
PCB-140	1.120	-1.132	1.126	1.126	1.126	1.126	1.126	1.126
PCB-134/143	0.970	-0.980	0.975	0.975	0.975	0.975	0.975	0.975
PCB-131/133	0.977	-0.987	0.982	0.982	0.982	0.982	0.982	0.982
PCB-142	0.981	-0.991	0.985	0.986	0.985	0.985	0.985	0.985

PCB-146/165	0.986 -0.996	0.991	0.991	0.991	0.991	0.991	0.991
PCB-132/161	0.992 -1.002	0.996	0.997	0.996	0.997	0.996	0.996
PCB-153	0.995 -1.005	1.000	1.000	1.000	1.000	1.000	1.000
PCB-168	1.000 -1.010	1.005	1.005	1.005	1.005	1.005	1.005
PCB-141	0.995 -1.005	1.000	1.000	1.000	1.000	1.000	1.000
PCB-137	1.004 -1.014	1.009	1.009	1.009	1.009	1.009	1.009
PCB-130	1.007 -1.017	1.011	1.012	1.011	1.011	1.011	1.011
PCB-138/163/164	0.996 -1.006	1.001	1.001	1.001	1.001	1.001	1.001
PCB-158/160	1.001 -1.011	1.006	1.006	1.006	1.006	1.006	1.006
PCB-129	1.007 -1.017	1.012	1.012	1.011	1.012	1.012	1.012
PCB-166	0.988 -0.998	0.993	0.993	0.993	0.993	0.993	0.993
PCB-159	0.995 -1.005	1.001	1.000	1.000	1.000	1.000	1.000
PCB-128/162	1.002 -1.012	1.006	1.006	1.007	1.007	1.006	1.006
PCB-167	0.995 -1.005	1.000	1.000	1.000	1.000	1.000	1.000
PCB-156	0.995 -1.005	1.001	1.000	1.000	1.000	1.000	1.000
PCB-157	0.996 -1.006	1.000	1.000	1.001	1.001	1.001	1.000
PCB-169	0.995 -1.005	1.000	1.000	1.000	1.000	1.000	1.000
PCB-188	0.995 -1.005	1.000	1.000	1.000	1.000	1.001	1.000
PCB-184	1.006 -1.016	1.011	1.011	1.011	1.011	1.011	1.011
PCB-179	1.024 -1.034	1.029	1.029	1.029	1.029	1.029	1.029
PCB-176	1.035 -1.045	1.040	1.040	1.040	1.040	1.040	1.040
PCB-186	1.049 -1.059	1.054	1.054	1.054	1.054	1.054	1.054
PCB-178	1.060 -1.070	1.066	1.066	1.065	1.066	1.066	1.066
PCB-175	1.069 -1.079	1.074	1.073	1.074	1.074	1.074	1.074
PCB-182/187	1.072 -1.082	1.078	1.078	1.077	1.078	1.078	1.078
PCB-183	1.080 -1.090	1.085	1.085	1.085	1.085	1.085	1.085
PCB-185	0.950 -0.960	0.955	0.956	0.956	0.955	0.956	0.956
PCB-174	0.958 -0.968	0.963	0.963	0.963	0.963	0.963	0.963
PCB-181	0.960 -0.970	0.965	0.965	0.965	0.965	0.965	0.965
PCB-177	0.963 -0.973	0.968	0.969	0.969	0.968	0.969	0.968
PCB-171	0.969 -0.979	0.974	0.974	0.974	0.974	0.974	0.974
PCB-173	0.978 -0.988	0.983	0.983	0.983	0.983	0.983	0.983
PCB-172	0.987 -0.997	0.992	0.992	0.992	0.992	0.992	0.992
PCB-192	0.991 -1.001	0.996	0.996	0.996	0.996	0.996	0.996
PCB-180	0.995 -1.005	1.000	1.000	1.000	1.000	1.000	1.000
PCB-193	0.999 -1.009	1.004	1.004	1.004	1.004	1.005	1.004
PCB-191	1.005 -1.015	1.010	1.009	1.010	1.010	1.010	1.009
PCB-170	0.995 -1.005	1.000	1.001	1.000	1.000	1.000	1.000
PCB-190	0.999 -1.009	1.004	1.004	1.004	1.004	1.004	1.004
PCB-189	0.995 -1.005	1.000	1.000	1.000	1.000	1.000	1.000
PCB-202	0.995 -1.005	1.000	1.000	1.000	1.000	1.000	1.000
PCB-201	1.006 -1.016	1.010	1.010	1.010	1.011	1.010	1.010
PCB-204	1.009 -1.019	1.014	1.014	1.014	1.014	1.014	1.014
PCB-197	1.015 -1.025	1.020	1.020	1.020	1.020	1.020	1.020
PCB-200	1.034 -1.044	1.039	1.039	1.039	1.039	1.039	1.039
PCB-198	1.065 -1.075	1.069	1.069	1.069	1.069	1.069	1.069
PCB-199	1.067 -1.077	1.071	1.072	1.072	1.072	1.072	1.072
PCB-196/203	1.072 -1.082	1.078	1.077	1.077	1.078	1.078	1.078
PCB-195	0.979 -0.989	0.984	0.984	0.984	0.984	0.984	0.984
PCB-194	0.995 -1.005	1.000	1.000	1.000	1.000	1.000	1.000

PCB-205	1.000	-1.010	1.005	1.005	1.005	1.005	1.005	1.005
PCB-208	0.995	-1.005	1.000	1.000	1.000	1.000	1.000	1.000
PCB-207	1.001	-1.011	1.006	1.006	1.006	1.006	1.006	1.006
PCB-206	0.995	-1.005	1.000	1.000	1.000	1.000	1.000	1.000
PCB-209	0.995	-1.005	1.000	1.000	1.000	1.000	1.000	1.000
Total Mono-PCB	0.000	-0.000	-	-	-	-	-	-
Total Di-PCB	0.000	-0.000	-	-	-	-	-	-
Total Tri-PCB	0.000	-0.000	-	-	-	-	-	-

Total Tri-PCB	0.000 -0.000	-	-	-	-	-	-
Total Tetra-PCB	0.000 -0.000	-	-	-	-	-	-
Total Penta-PCB	0.000 -0.000	-	-	-	-	-	-
Total Penta-PCB	0.000 -0.000	-	-	-	-	-	-
Total Hexa-PCB	0.000 -0.000	-	-	-	-	-	-
Total Hexa-PCB	0.000 -0.000	-	-	-	-	-	-
Total Hepta-PCB	0.000 -0.000	-	-	-	-	-	-
Total Octa-PCB	0.000 -0.000	-	-	-	-	-	-
Total Octa-PCB	0.000 -0.000	-	-	-	-	-	-
Total Nona-PCB	0.000 -0.000	-	-	-	-	-	-
Total Deca-PCB	0.995 -1.005	1.000	1.000	1.000	1.000	1.000	1.000
13C-PCB-1	0.616 -0.622	0.619	0.619	0.619	0.619	0.618	0.619
13C-PCB-3	0.716 -0.724	0.720	0.720	0.720	0.720	0.720	0.720
13C-PCB-4	0.769 -0.777	0.772	0.772	0.772	0.772	0.772	0.772
13C-PCB-9	0.837 -0.845	0.842	0.842	0.842	0.842	0.842	0.842
13C-PCB-11	0.968 -0.978	0.973	0.973	0.973	0.973	0.973	0.973
13C-PCB-19	0.928 -0.938	0.933	0.933	0.933	0.933	0.933	0.933
13C-PCB-32	1.041 -1.051	1.047	1.046	1.046	1.047	1.046	1.046
13C-PCB-28	0.999 -1.009	1.004	1.004	1.004	1.004	1.004	1.004
13C-PCB-37	1.132 -1.144	1.138	1.138	1.138	1.138	1.138	1.137
13C-PCB-54	0.756 -0.764	0.760	0.760	0.760	0.760	0.760	0.760
13C-PCB-52	0.853 -0.861	0.857	0.857	0.857	0.857	0.857	0.857
13C-PCB-47	0.867 -0.875	0.871	0.870	0.870	0.871	0.871	0.871
13C-PCB-70	0.961 -0.971	0.966	0.966	0.966	0.966	0.966	0.966
13C-PCB-80	0.973 -0.983	0.978	0.978	0.978	0.978	0.978	0.978
13C-PCB-81	1.057 -1.067	1.062	1.062	1.062	1.062	1.062	1.062
13C-PCB-77	1.073 -1.083	1.078	1.078	1.078	1.078	1.078	1.078
13C-PCB-104	0.828 -0.836	0.832	0.832	0.832	0.832	0.832	0.832
13C-PCB-95	0.908 -0.918	0.913	0.913	0.913	0.913	0.913	0.913
13C-PCB-101	0.951 -0.961	0.956	0.956	0.956	0.956	0.956	0.956
13C-PCB-97	0.984 -0.994	0.989	0.989	0.989	0.989	0.989	0.989
13C-PCB-123	1.049 -1.059	1.054	1.054	1.054	1.054	1.054	1.054
13C-PCB-118	1.054 -1.064	1.059	1.059	1.059	1.059	1.059	1.059
13C-PCB-114	0.905 -0.915	0.910	0.910	0.910	0.910	0.910	0.910
13C-PCB-105	0.924 -0.934	0.929	0.929	0.929	0.929	0.929	0.929
13C-PCB-127	0.931 -0.941	0.936	0.936	0.936	0.936	0.936	0.936
13C-PCB-126	0.972 -0.982	0.977	0.977	0.977	0.977	0.977	0.977
13C-PCB-155	0.939 -0.949	0.944	0.944	0.944	0.944	0.944	0.944
13C-PCB-153	0.928 -0.938	0.932	0.932	0.933	0.932	0.932	0.932
13C-PCB-141	0.944 -0.954	0.948	0.948	0.948	0.948	0.948	0.948
13C-PCB-138	0.962 -0.972	0.966	0.966	0.967	0.966	0.966	0.966
13C-PCB-159	0.989 -0.999	0.994	0.994	0.994	0.994	0.994	0.994
13C-PCB-167	1.004 -1.014	1.009	1.009	1.009	1.009	1.009	1.009
13C-PCB-156	1.032 -1.042	1.037	1.037	1.037	1.037	1.037	1.037
13C-PCB-157	1.037 -1.047	1.043	1.043	1.042	1.042	1.043	1.042
13C-PCB-169	1.085 -1.095	1.090	1.090	1.090	1.090	1.090	1.090
13C-PCB-188	0.923 -0.933	0.928	0.928	0.928	0.928	0.928	0.928
13C-PCB-180	1.064 -1.074	1.068	1.068	1.069	1.069	1.069	1.068
13C-PCB-170	1.097 -1.109	1.103	1.103	1.103	1.103	1.103	1.103
13C-PCB-189	1.132 -1.144	1.138	1.138	1.138	1.138	1.138	1.138
13C-PCB-202	1.040 -1.050	1.045	1.045	1.045	1.045	1.045	1.045

13C-PCB-194	0.990	-1.000	0.995	0.995	0.995	0.995	0.995	0.995
13C-PCB-208	0.977	-0.987	0.981	0.981	0.981	0.981	0.981	0.981
13C-PCB-206	1.019	-1.029	1.024	1.024	1.024	1.024	1.024	1.024
13C-PCB-209	1.043	-1.053	1.048	1.048	1.048	1.048	1.048	1.048
13C-PCB-15	0.000	-0.000	*	*	*	*	*	*
13C-PCB-31	0.000	-0.000	*	*	*	*	*	*
13C-PCB-60	0.000	-0.000	*	*	*	*	*	*
13C-PCB-111	0.000	-0.000	*	*	*	*	*	*
13C-PCB-128	0.000	-0.000	*	*	*	*	*	*
13C-PCB-182	0.000	-0.000	*	*	*	*	*	*

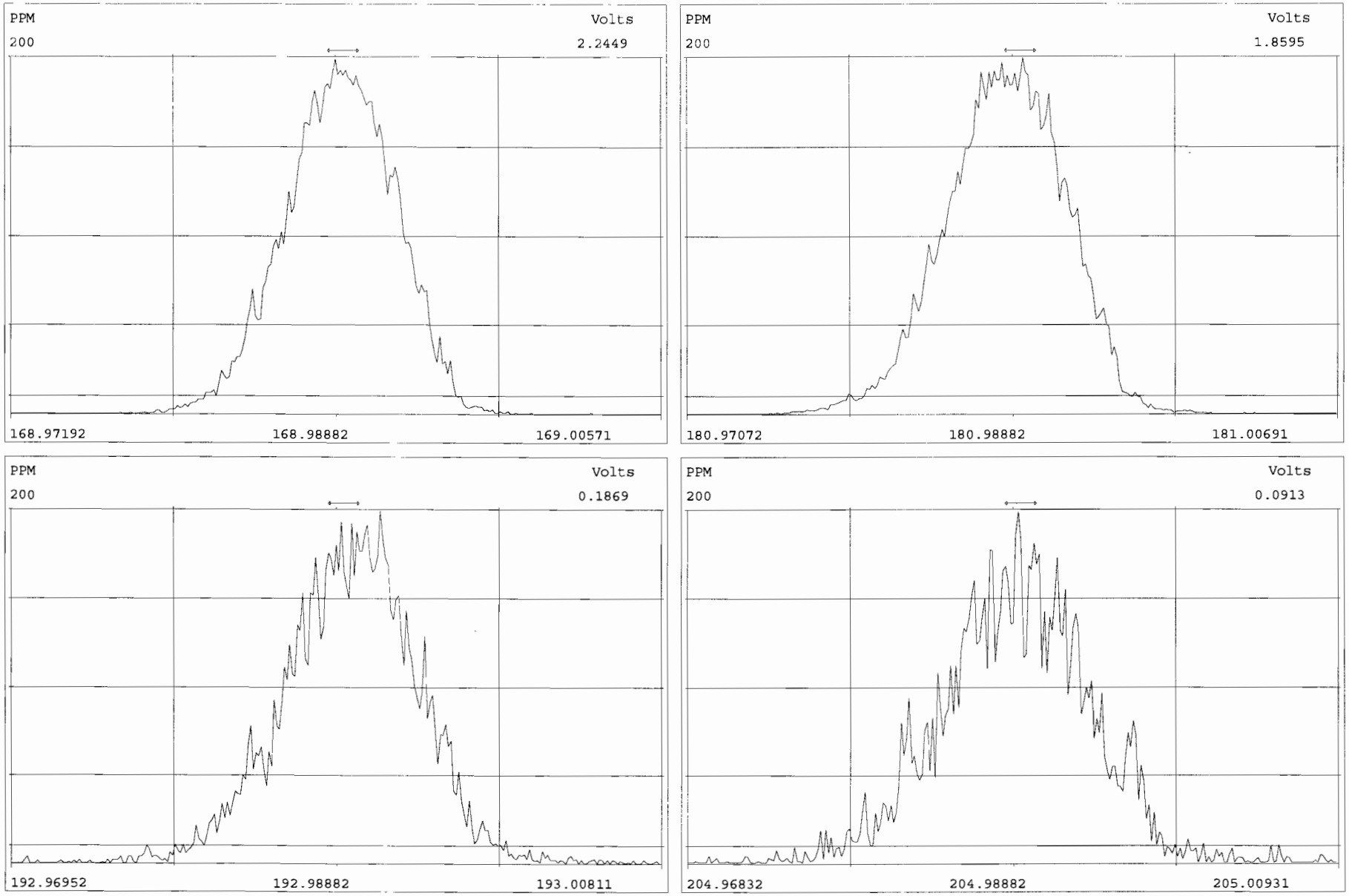
13C-PCB-205	0.000	-0.000	*	*	*	*	*	*
13C-PCB-79	1.024	-1.034	1.029	1.029	1.029	1.029	1.029	1.029
13C-PCB-178	0.980	-0.990	0.985	0.985	0.985	0.985	0.985	0.985
13C-PCB-79	0.963	-0.973	0.969	0.969	0.969	0.969	0.969	0.969
13C-PCB-178	0.920	-0.930	0.925	0.925	0.925	0.925	0.925	0.925

Vista Analytical Laboratory - Injection Log Run file: 180208E1 Instrument ID: VG-8 GC Column ID: ZB-1

Data file	S#	Sample ID	Analyst	Acq date	Acq time	CCal	ECal
180208E1	1	ST180208E1-1	MAS	8-FEB-18	08:34:42	NA	NA
180208E1	2	ST180208E1-2	MAS	8-FEB-18	09:39:46	NA	NA
180208E1	3	ST180208E1-3	MAS	8-FEB-18	10:44:54	NA	NA
180208E1	4	ST180208E1-4	MAS	8-FEB-18	11:50:02	NA	NA
180208E1	5	ST180208E1-5	MAS	8-FEB-18	12:55:10	NA	NA
180208E1	6	ST180208E1-6	MAS	8-FEB-18	14:00:18	NA	NA
180208E1	7	SOLVENT BLANK	MAS	8-FEB-18	15:05:26	NA	NA
180208E1	8	SS180208E1-1	MAS	8-FEB-18	16:10:35	NA	NA

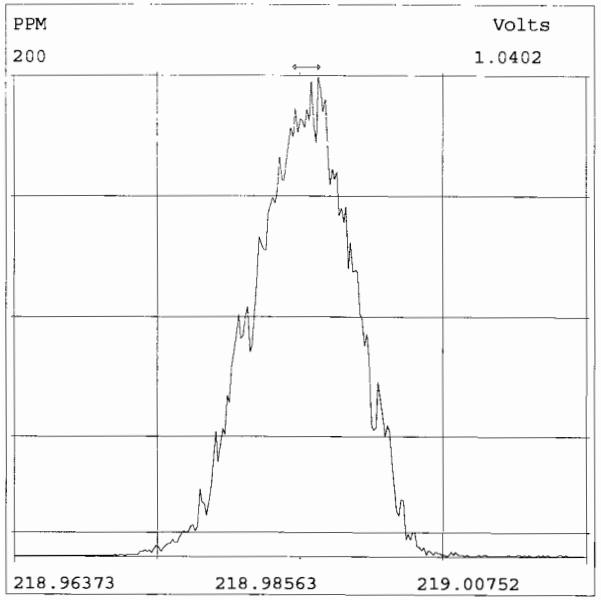
Peak Locate Examination: 8-FEB-2018:08:33 File:180208E1

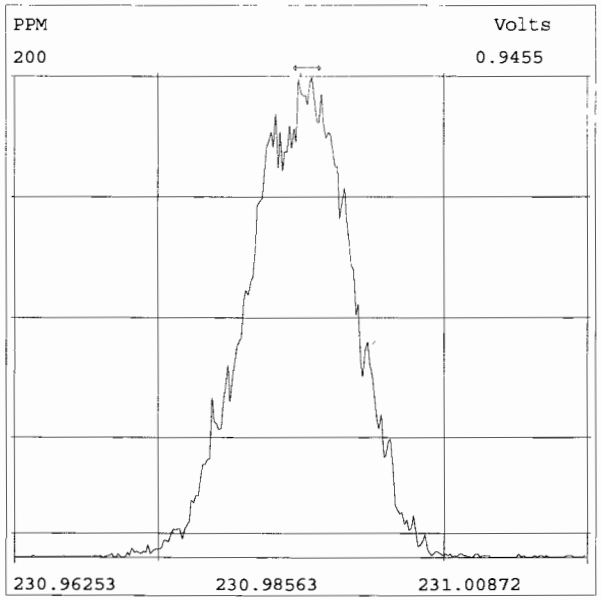
Experiment:PCB_ZB1 Function:1 Reference:PFK

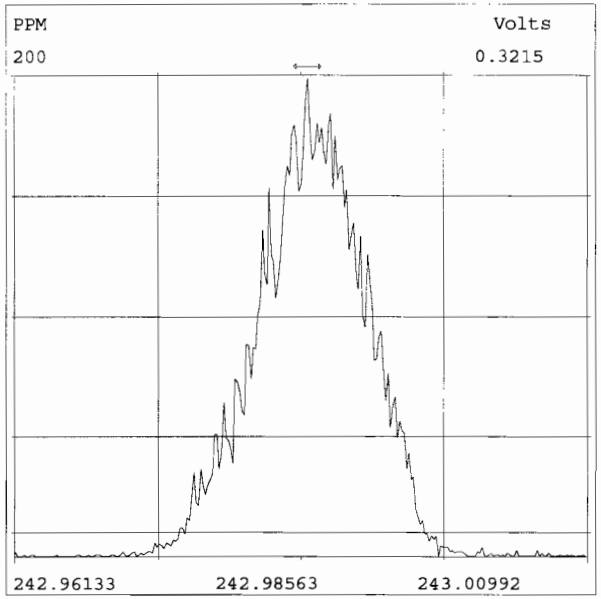


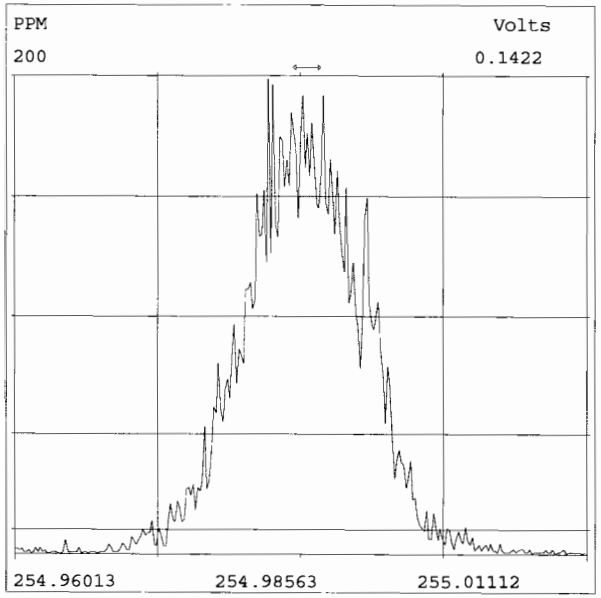
Peak Locate Examination: 8-FEB-2018:08:33 File:180208E1

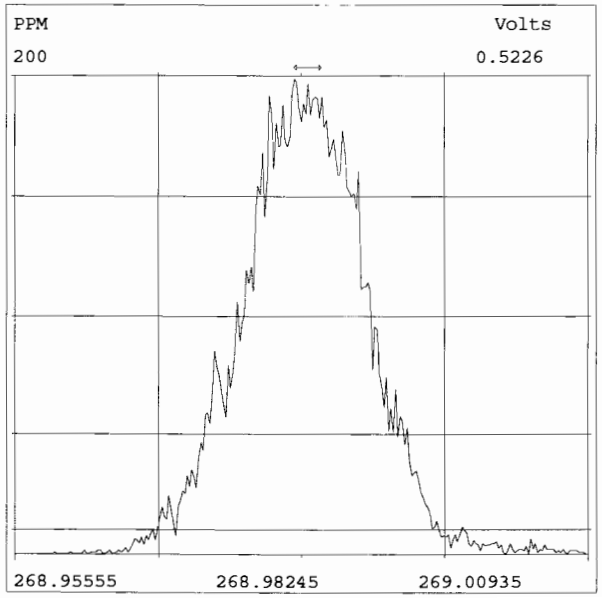
Experiment:PCB_ZB1 Function:2 Reference:PFK

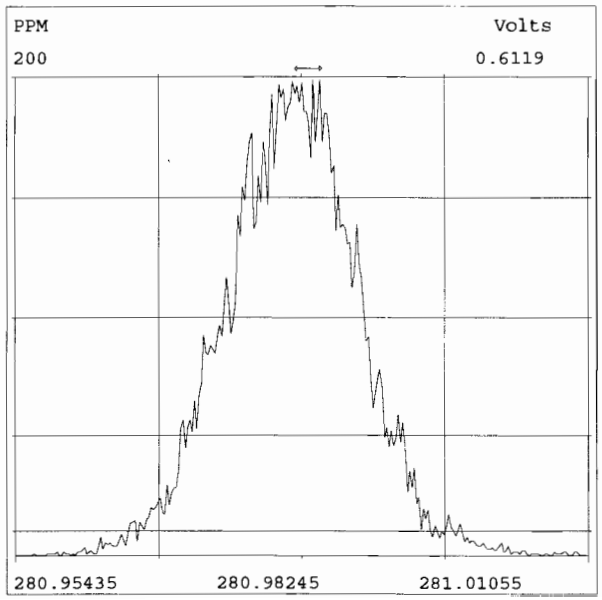






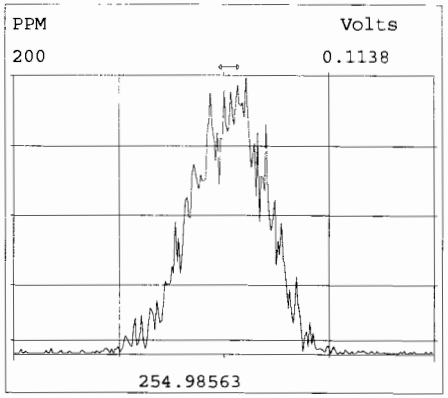


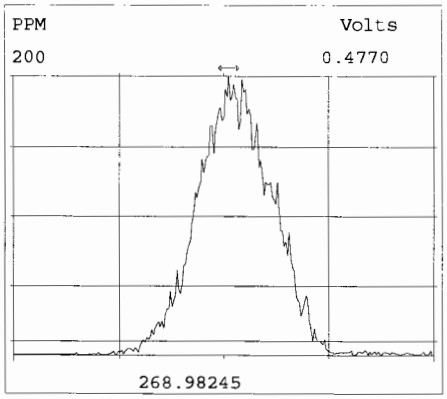


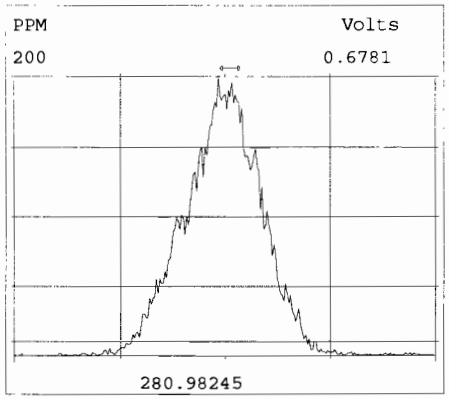


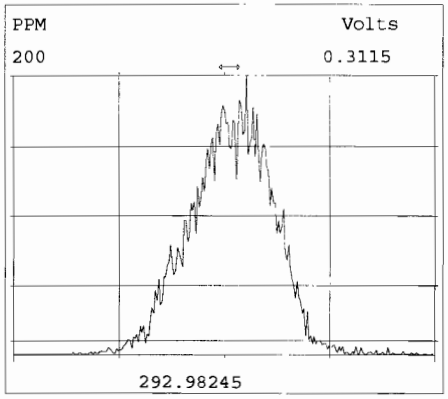
Peak Locate Examination: 8-FEB-2018:08:33 File:180208E1

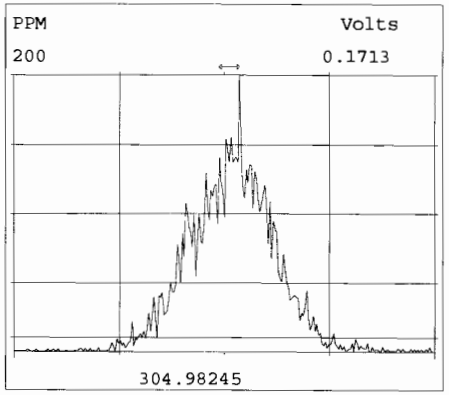
Experiment:PCB_ZB1 Function:3 Reference:PFK

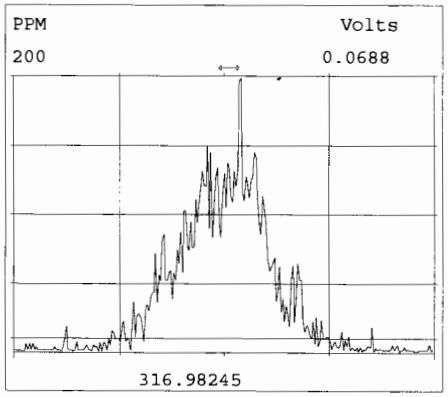


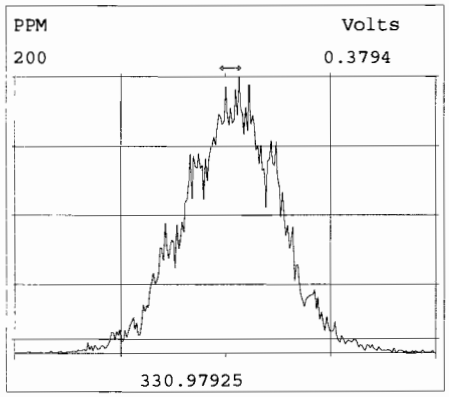


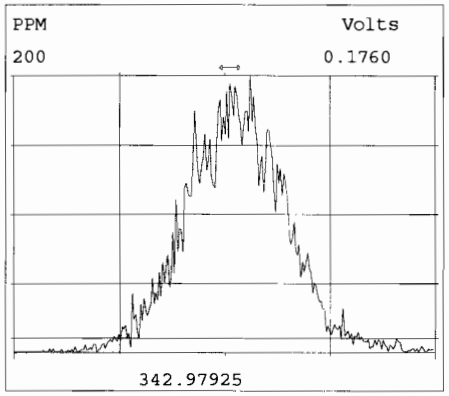


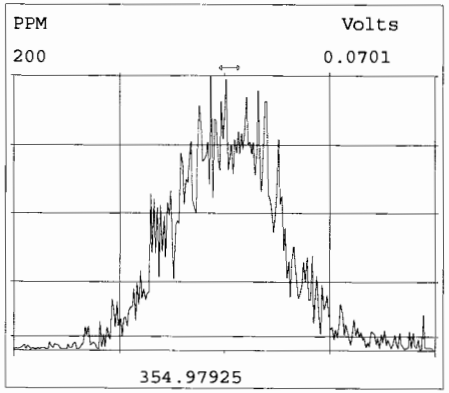


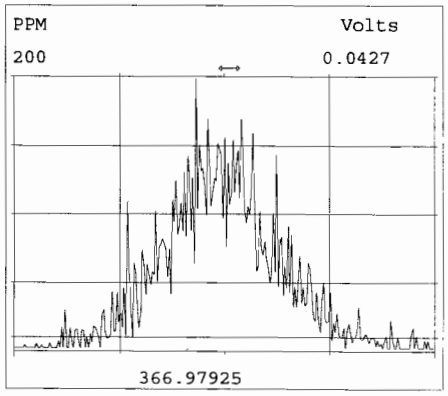


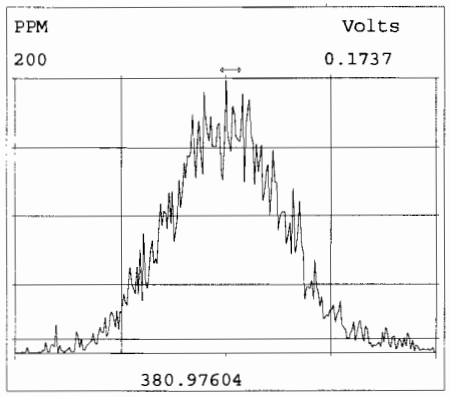






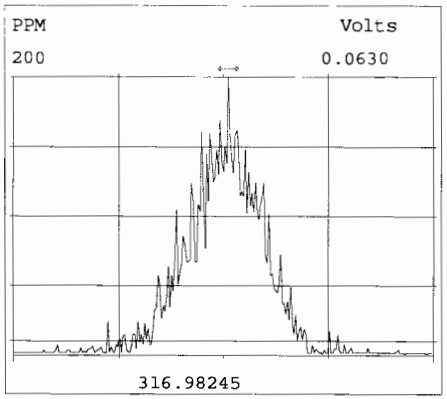


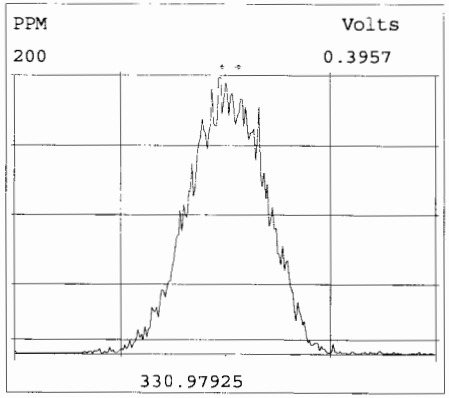


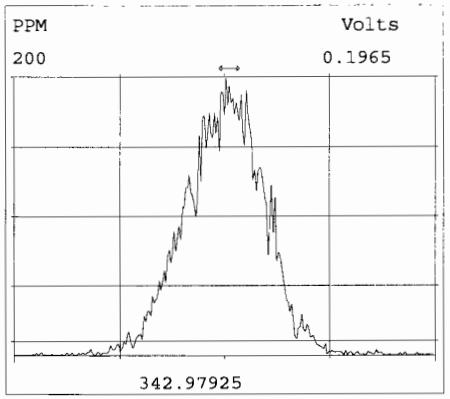


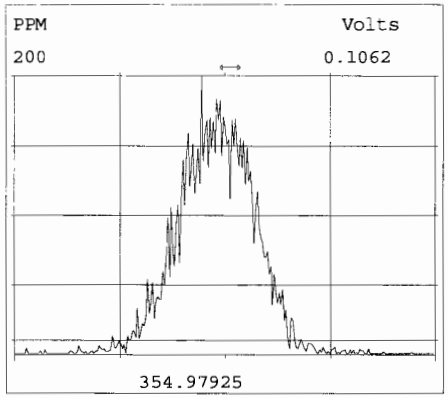
Peak Locate Examination: 8-FEB-2018:08:34 File:180208E1

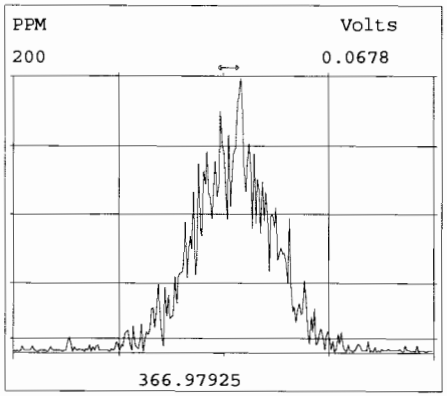
Experiment:PCB_ZB1 Function:4 Reference:PFK

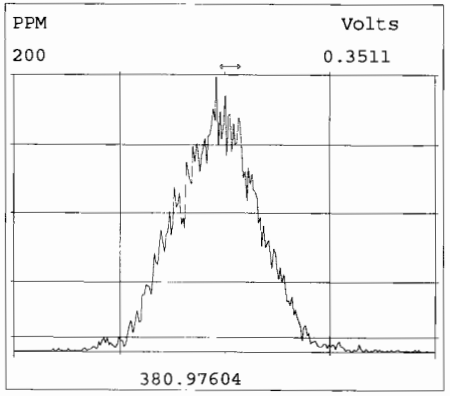


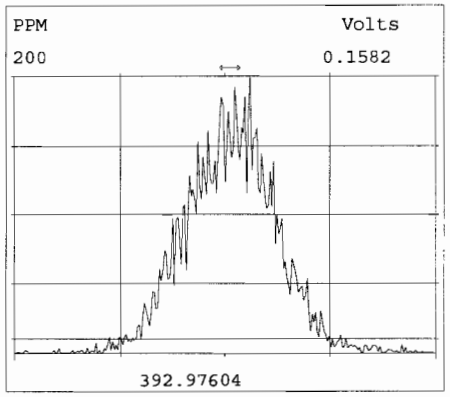


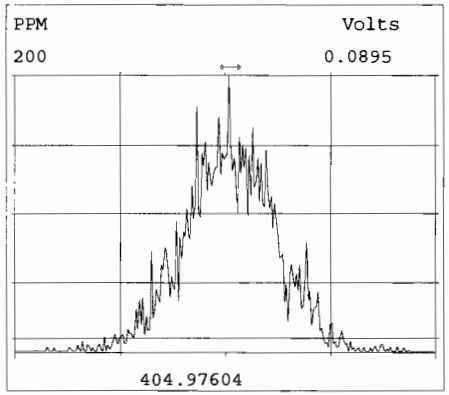


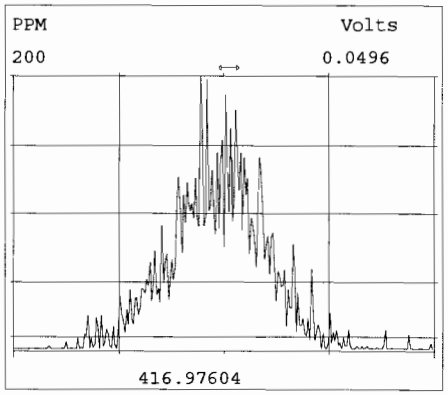


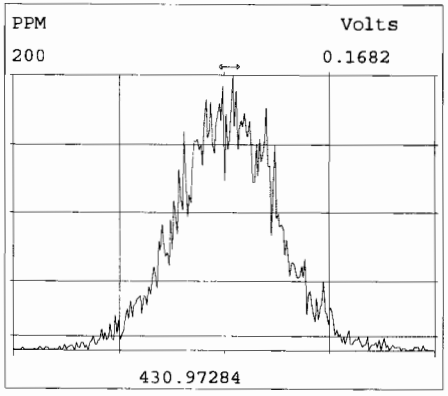


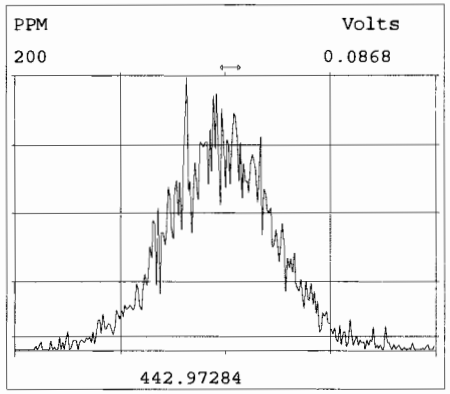






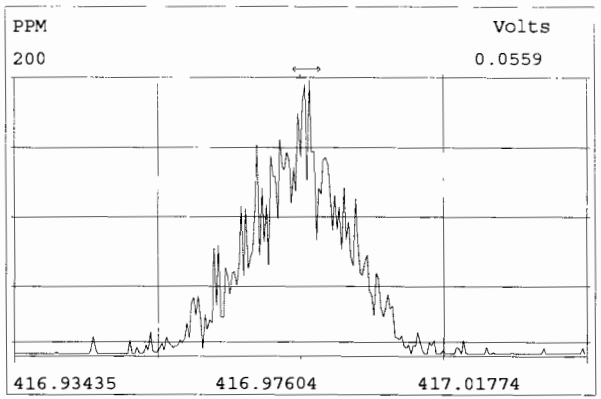


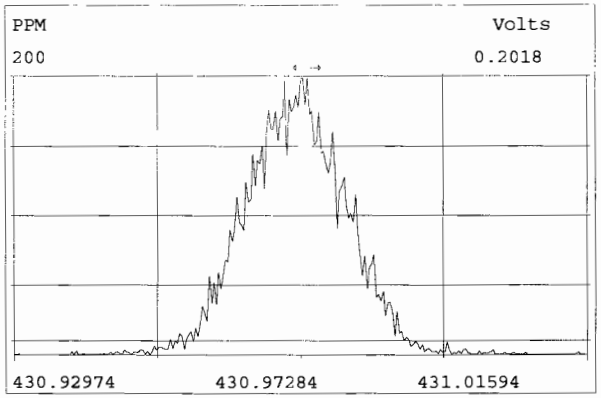


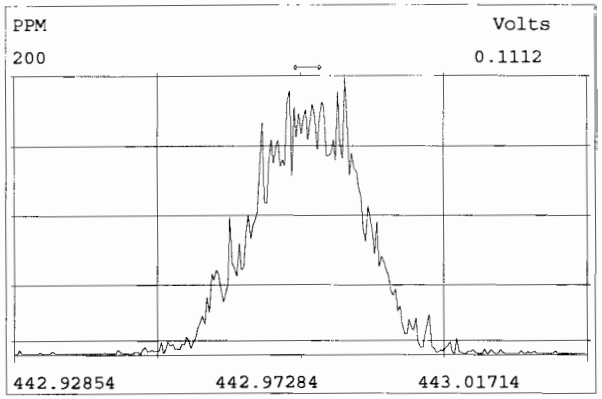


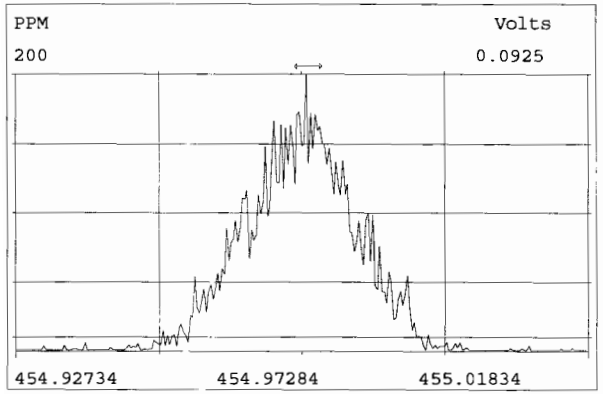
Peak Locate Examination: 8-FEB-2018:08:34 File:180208E1

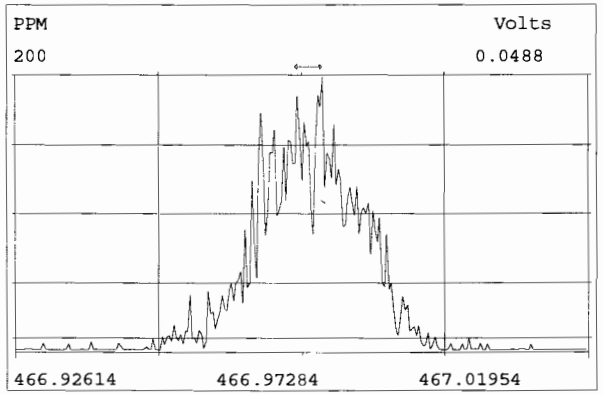
Experiment:PCB_ZB1 Function:5 Reference:PFK

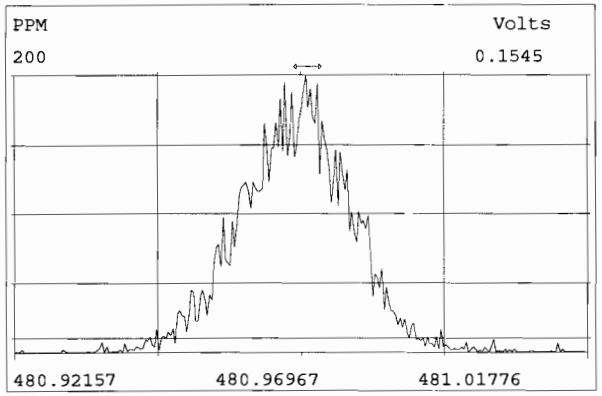


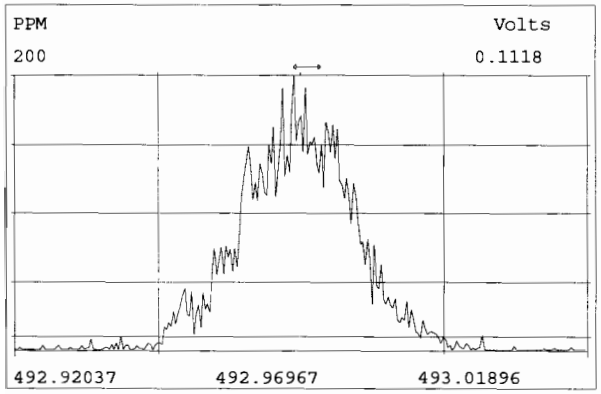


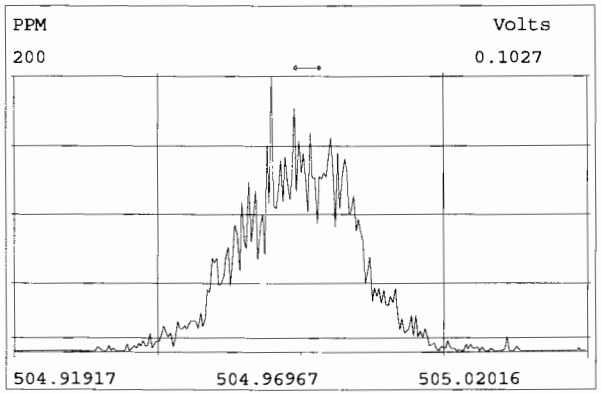


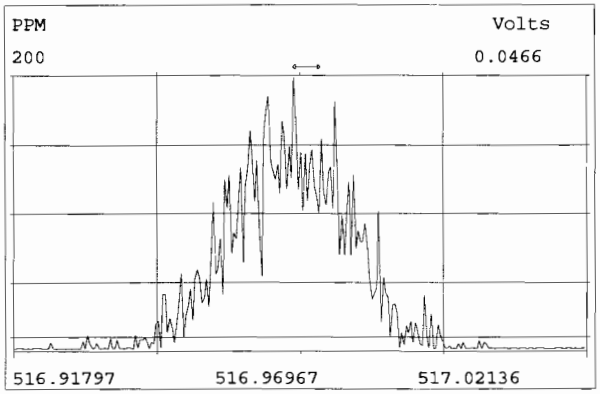




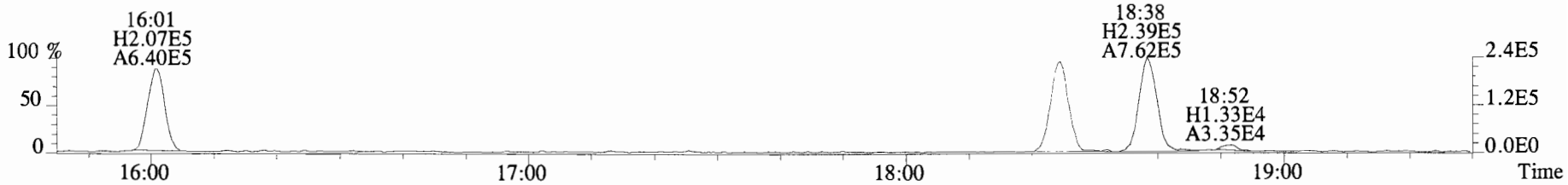




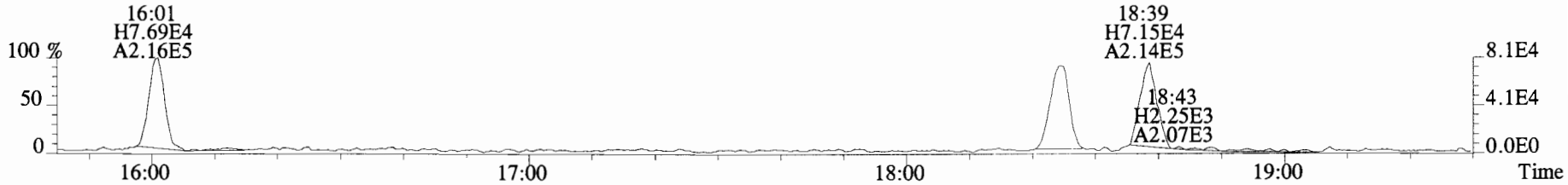




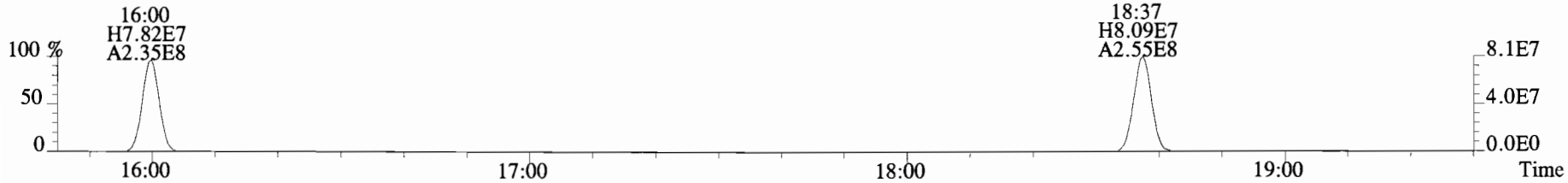
File:180208E1 #1-866 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
188.0393 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5684.0,0.00%,F,F)



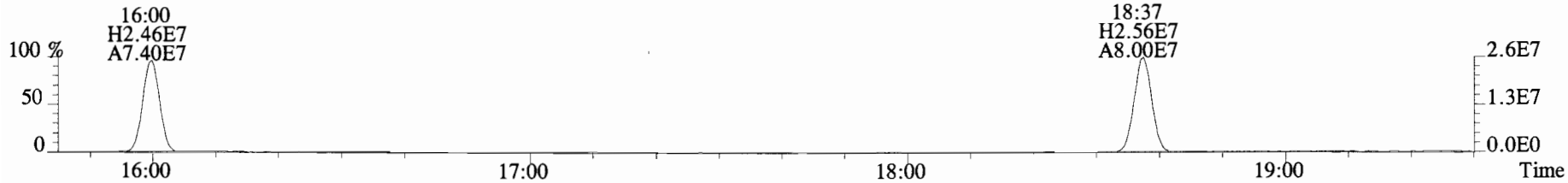
190.0363 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3772.0,0.00%,F,F)



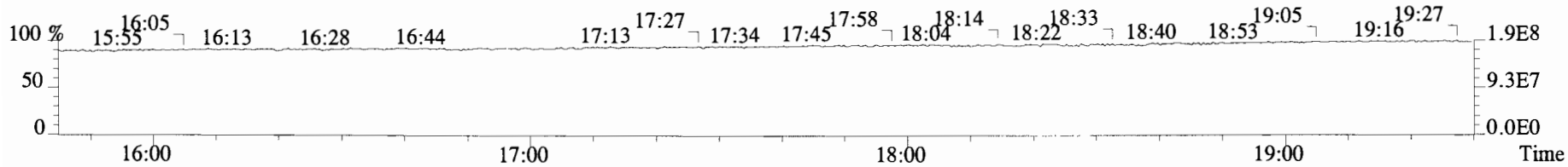
200.0795 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7776.0,0.00%,F,F)



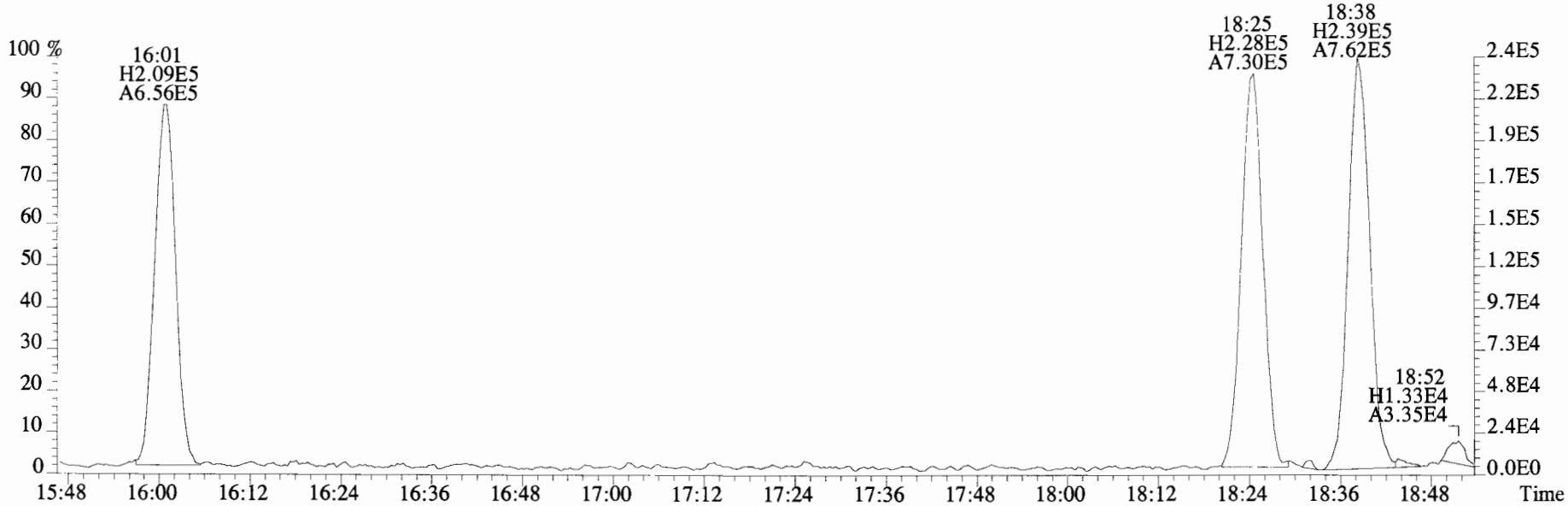
202.0766 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,86760.0,0.00%,F,F)



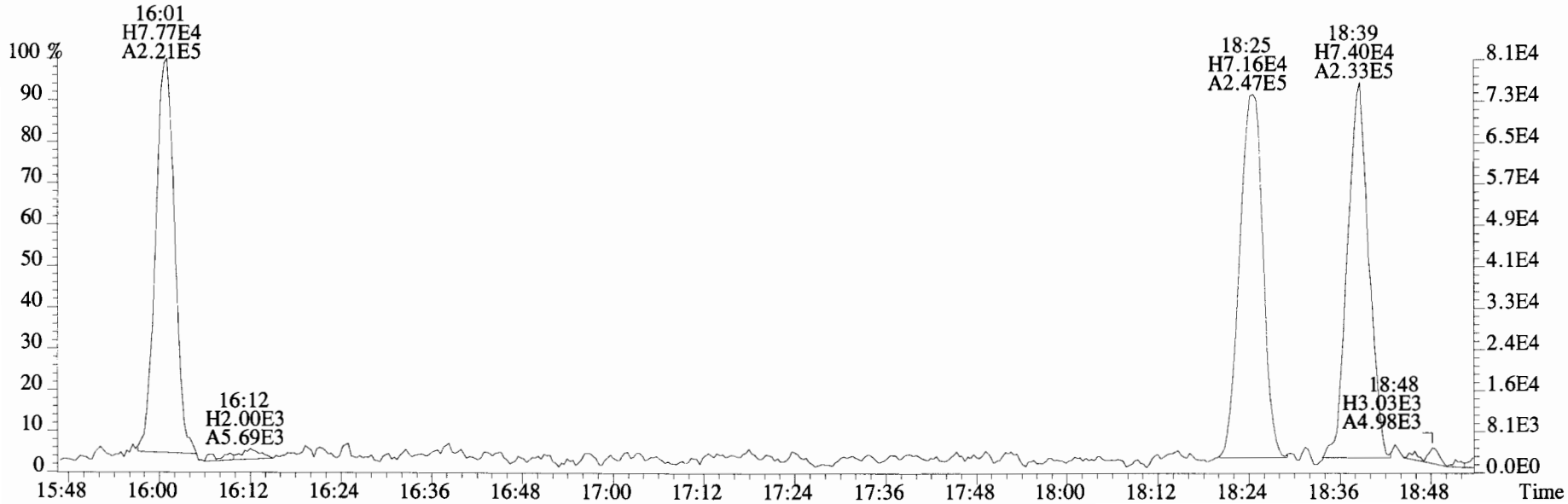
180.9880



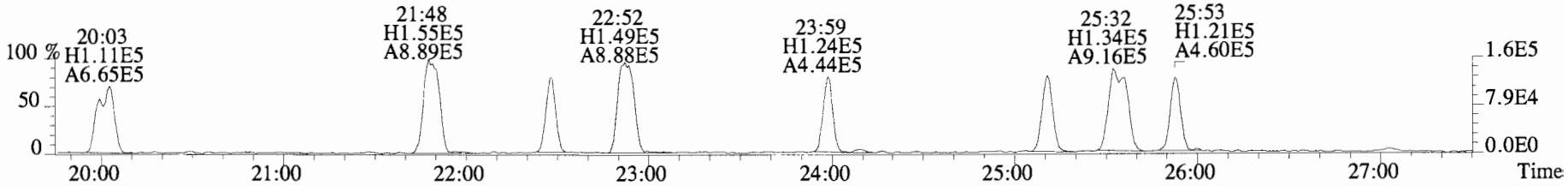
File:180208E1 #1-866 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
188.0393 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5684.0,0.00%,F,F)



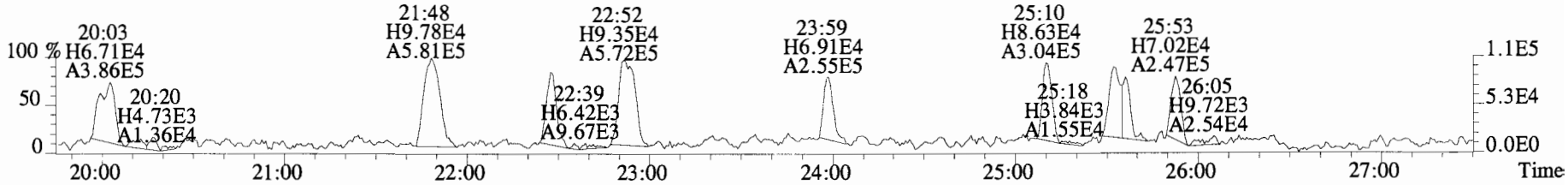
190.0363 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3772.0,0.00%,F,F)



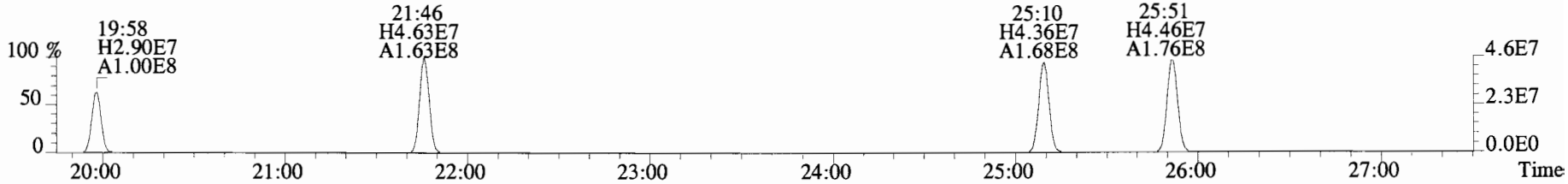
File:180208E1 #1-758 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
222.0003 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3620.0,0.00%,F,F)



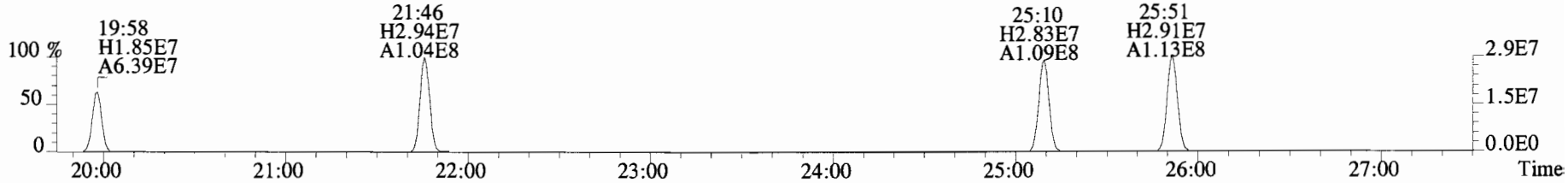
223.9974 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15204.0,0.00%,F,F)



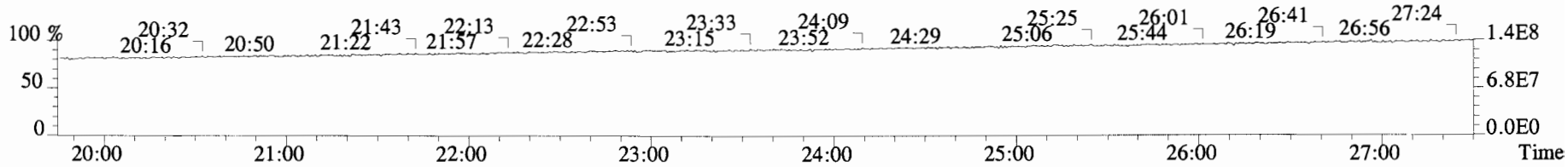
234.0406 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6700.0,0.00%,F,F)



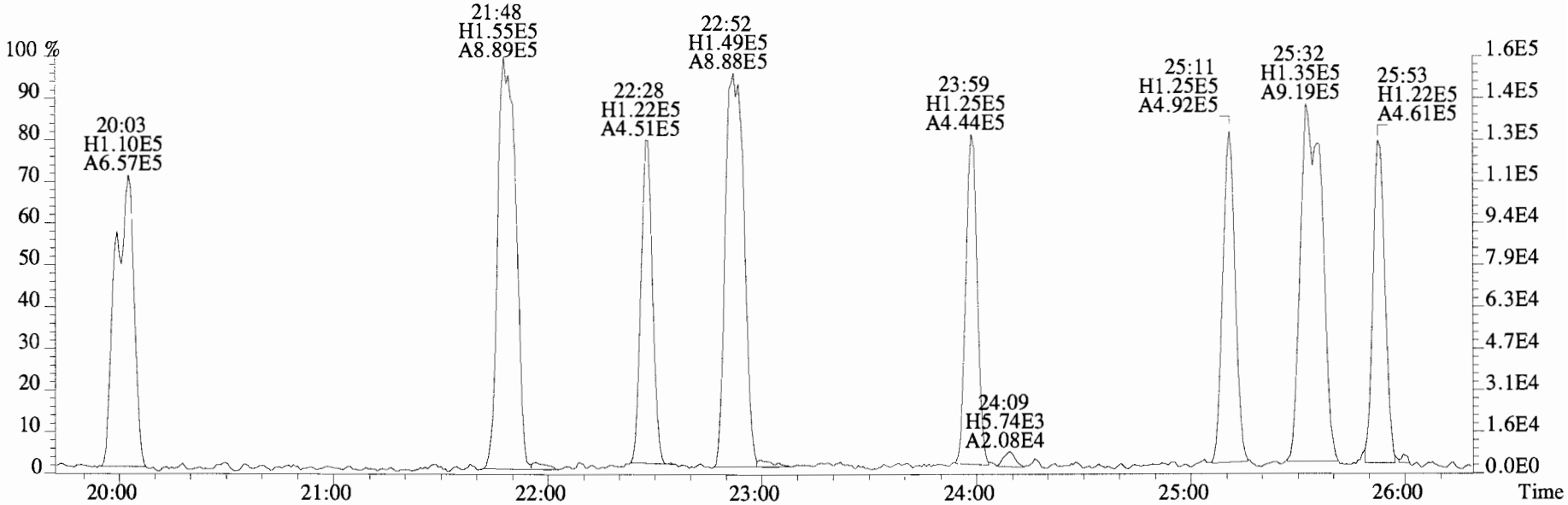
236.0376 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5444.0,0.00%,F,F)



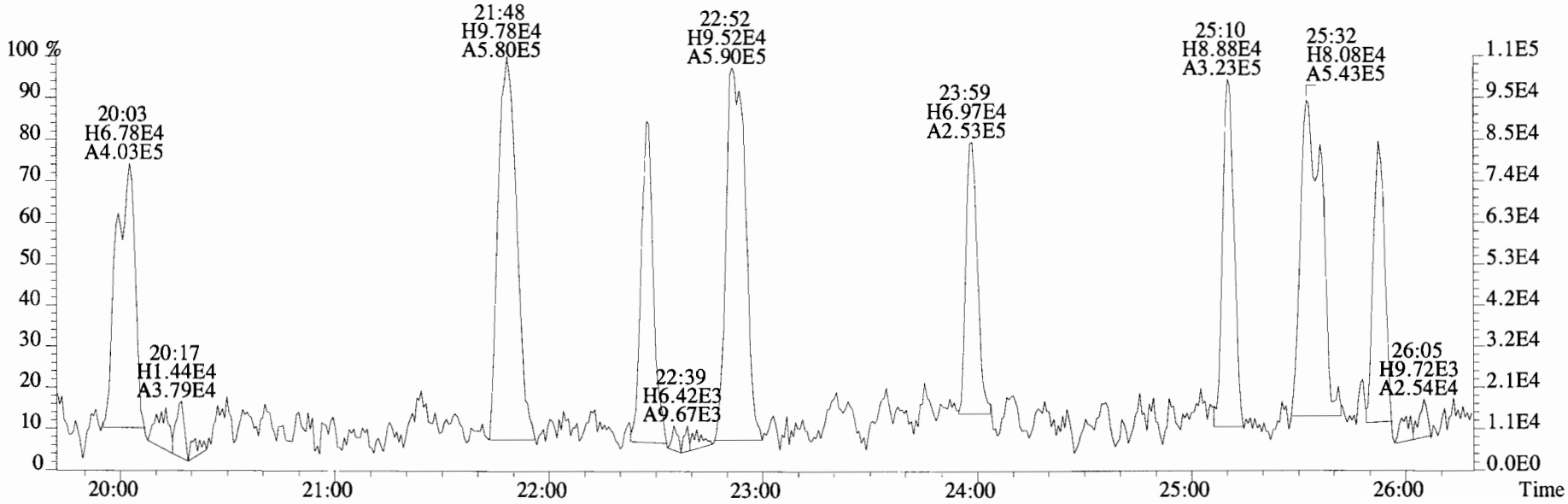
230.9856 F:2



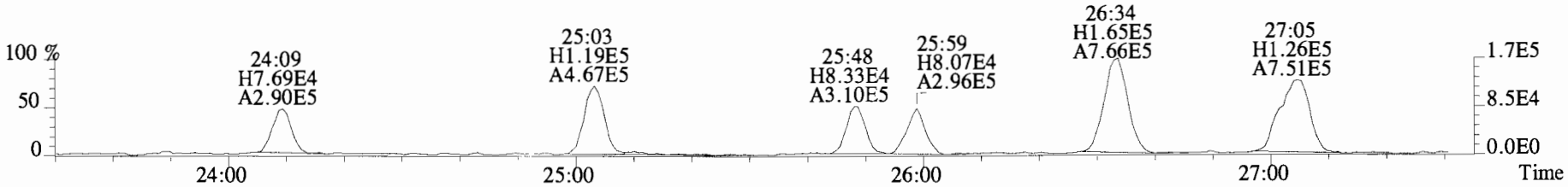
File:180208E1 #1-758 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
222.0003 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3620.0,0.00%,F,F)



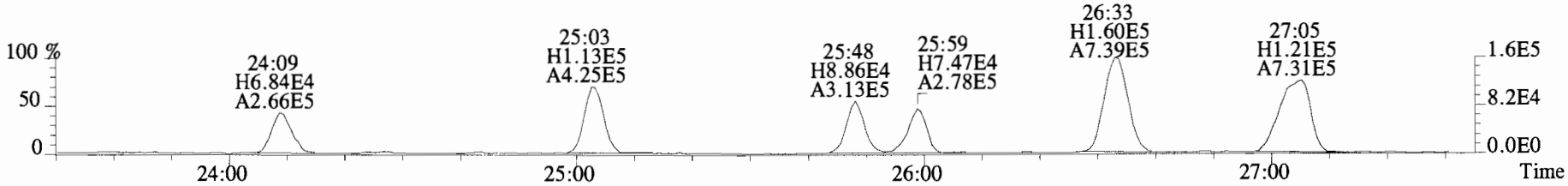
223.9974 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15204.0,0.00%,F,F)



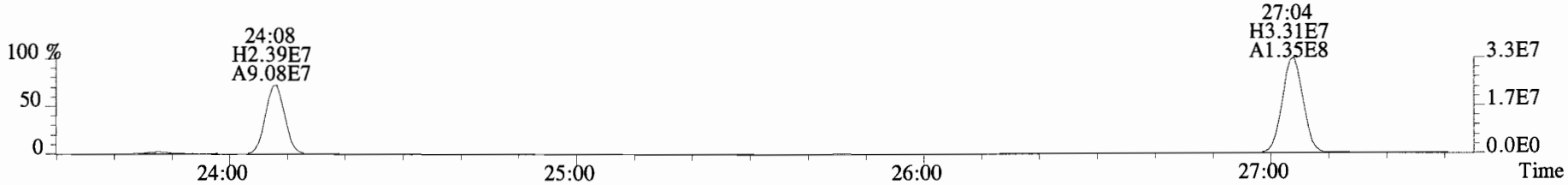
File:180208E1 #1-758 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
255.9613 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4364.0,0.00%,F,F)



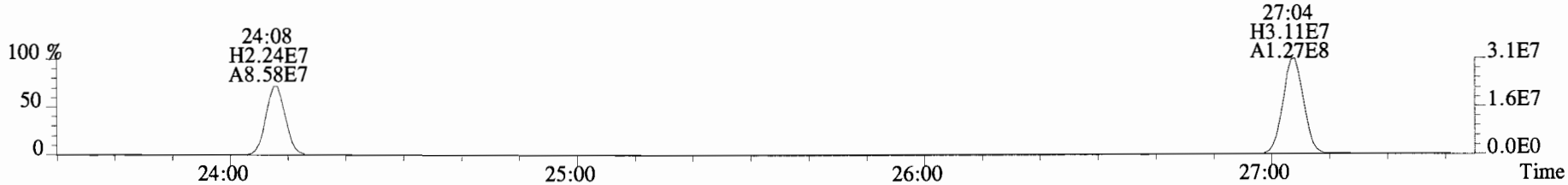
257.9584 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2976.0,0.00%,F,F)



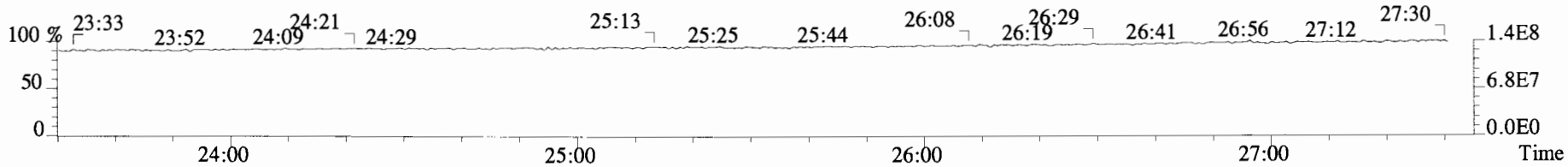
268.0016 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,77488.0,0.00%,F,F)



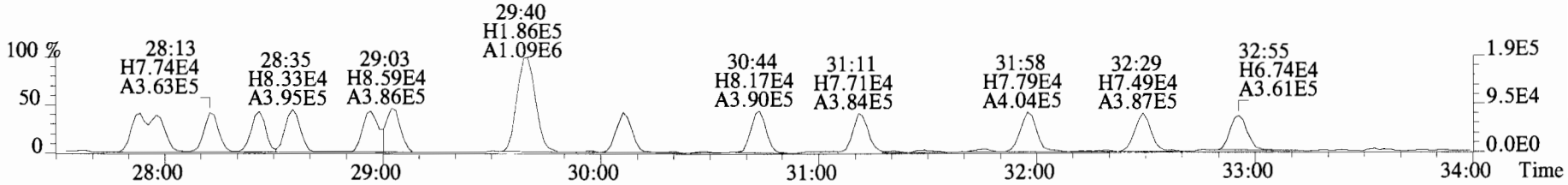
269.9986 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35276.0,0.00%,F,F)



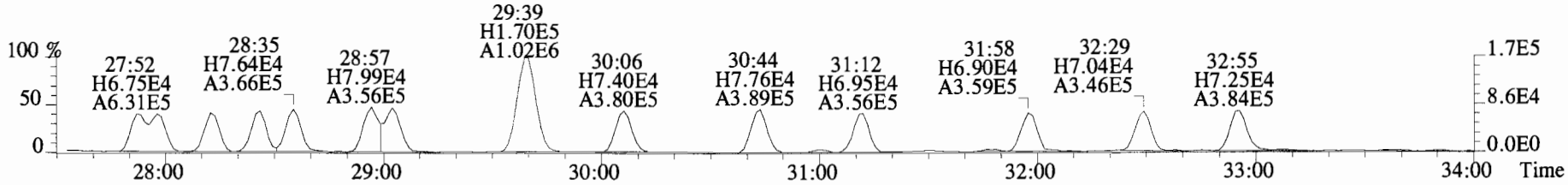
230.9856 F:2



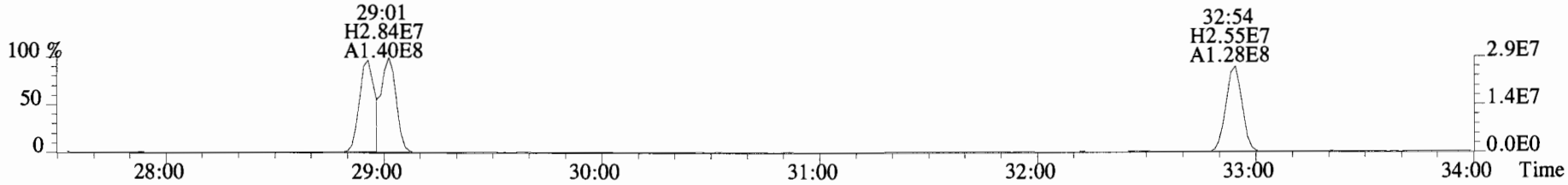
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3672.0,0.00%,F,F)



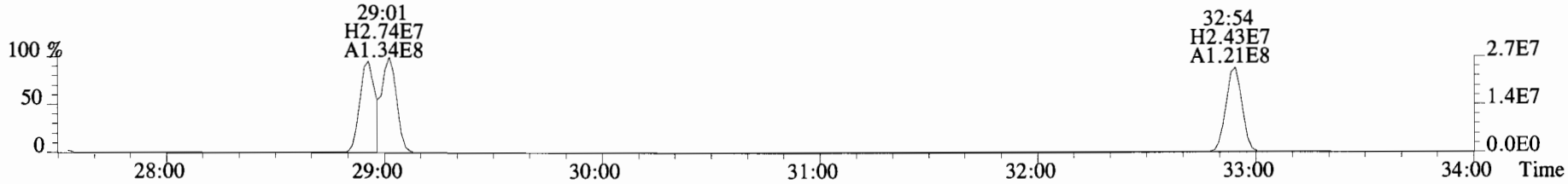
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)



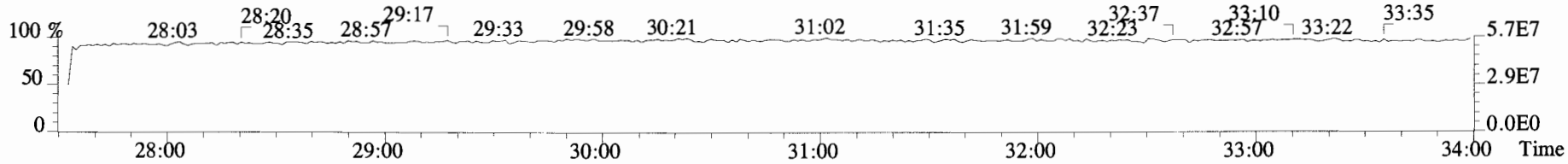
268.0016 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,107320.0,0.00%,F,F)



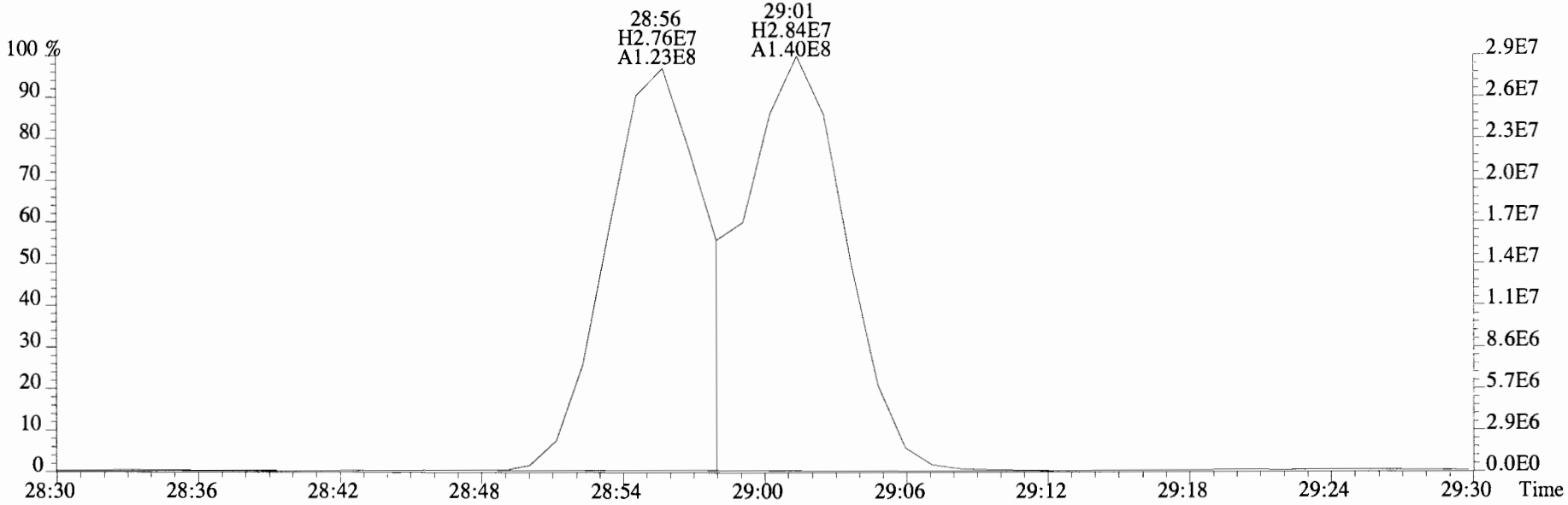
269.9986 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24844.0,0.00%,F,F)



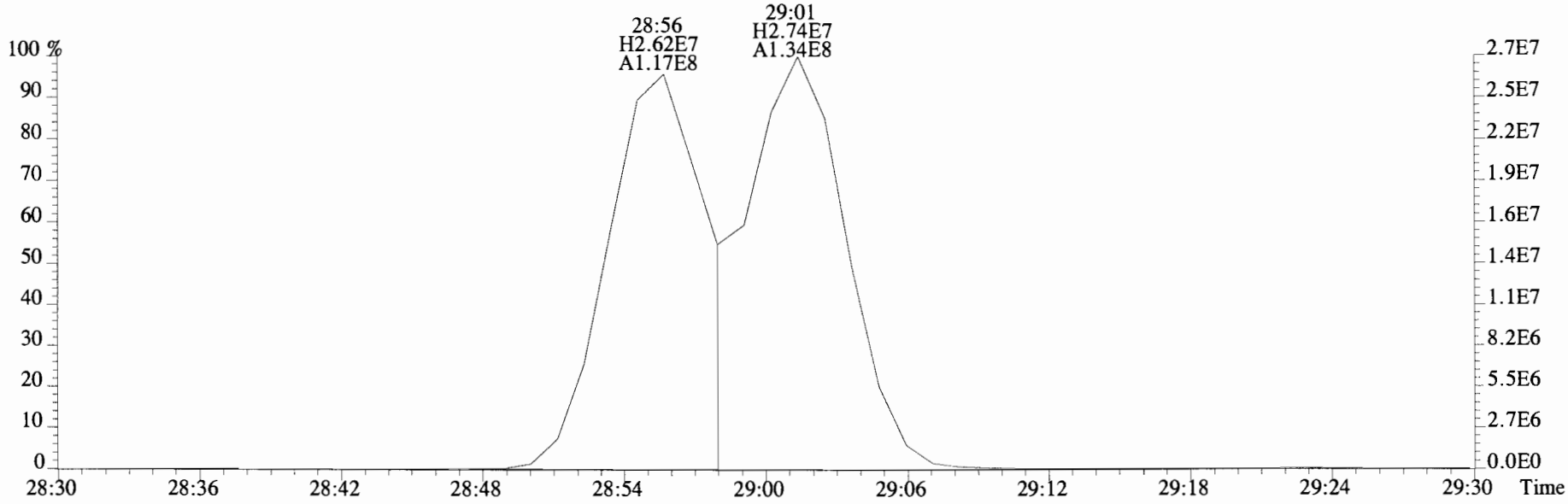
330.9792 F:3



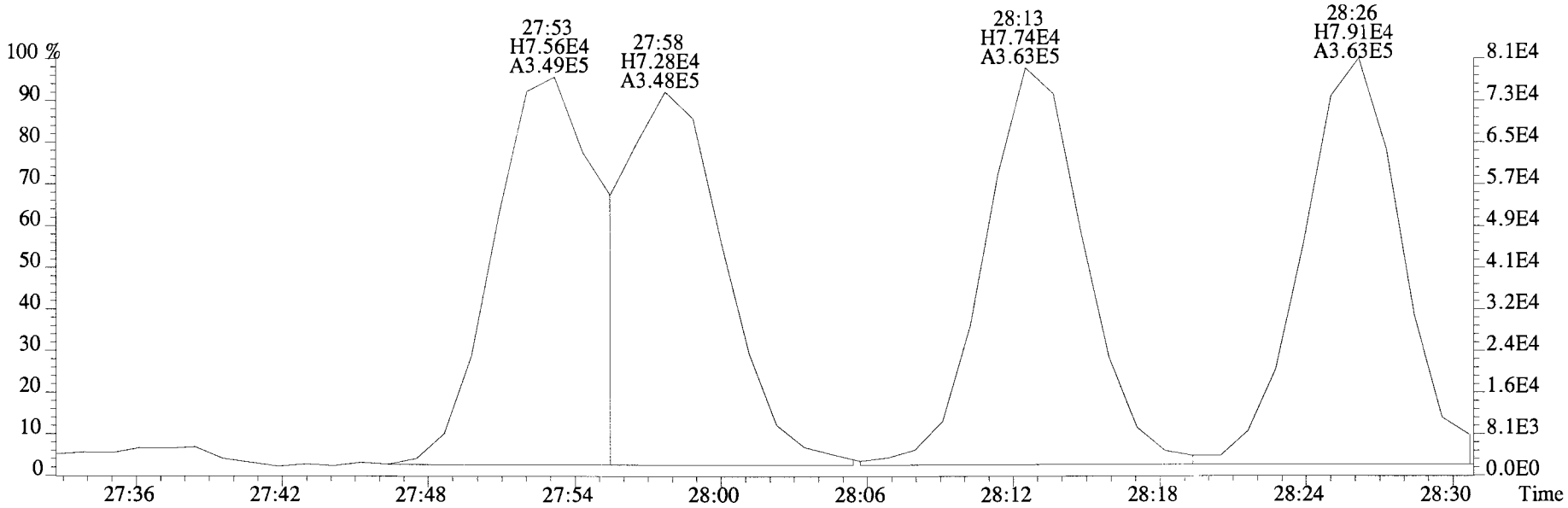
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
268.0016 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,107320.0,0.00%,F,F)



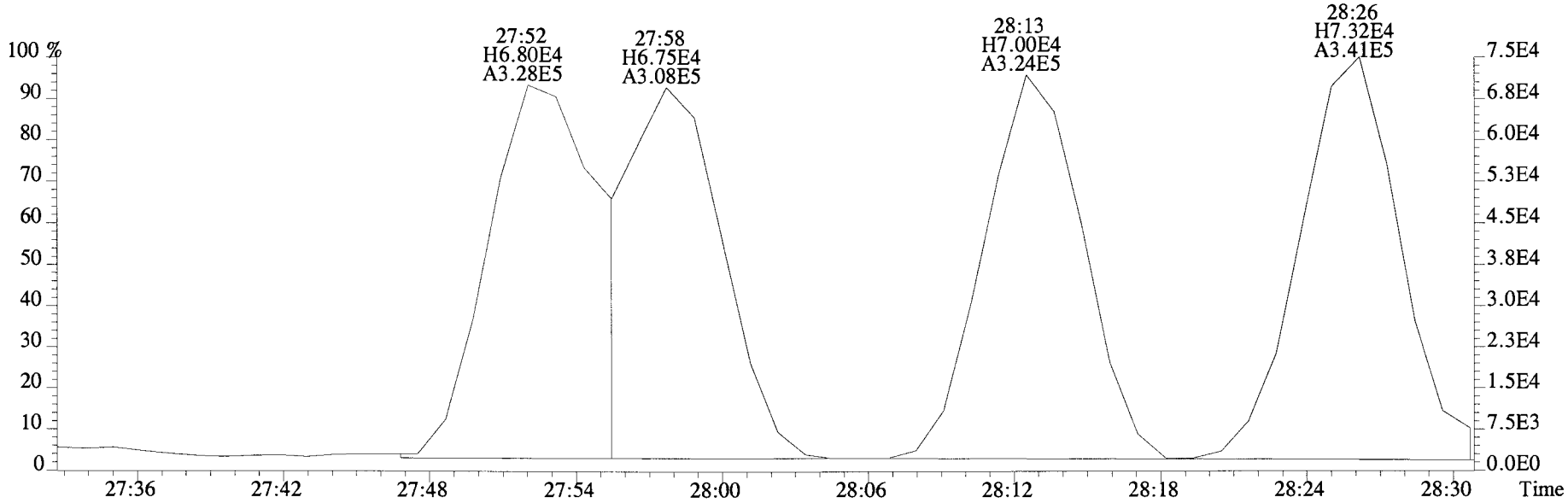
269.9986 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24844.0,0.00%,F,F)



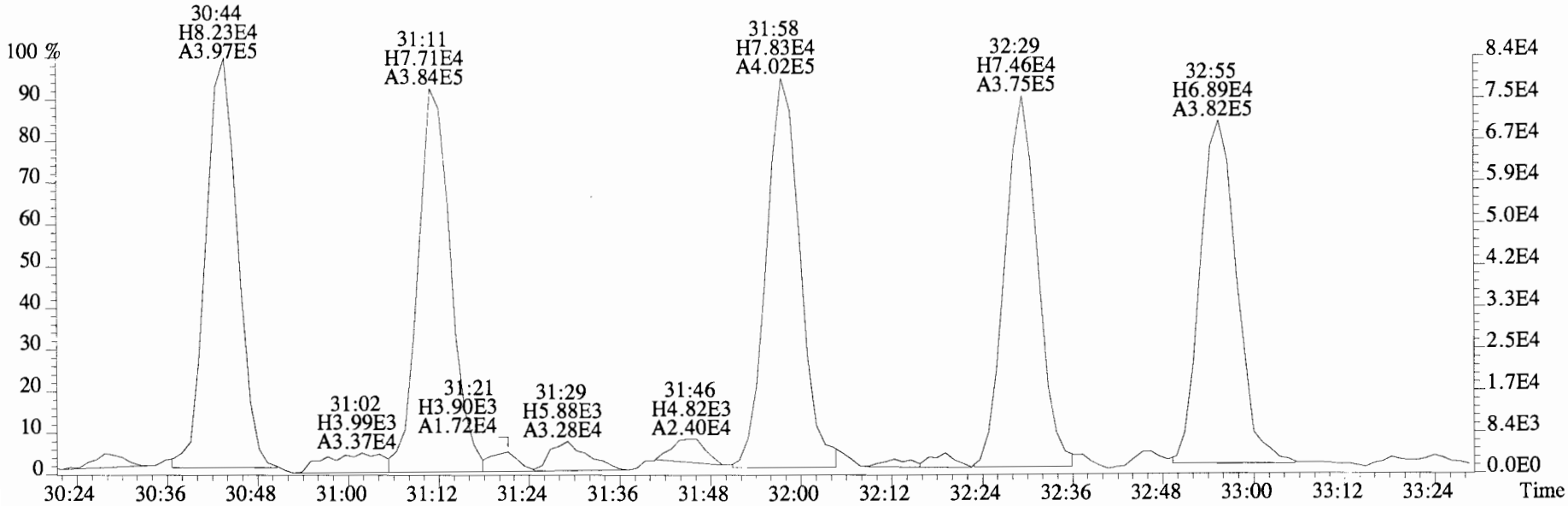
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3672.0,0.00%,F,F)



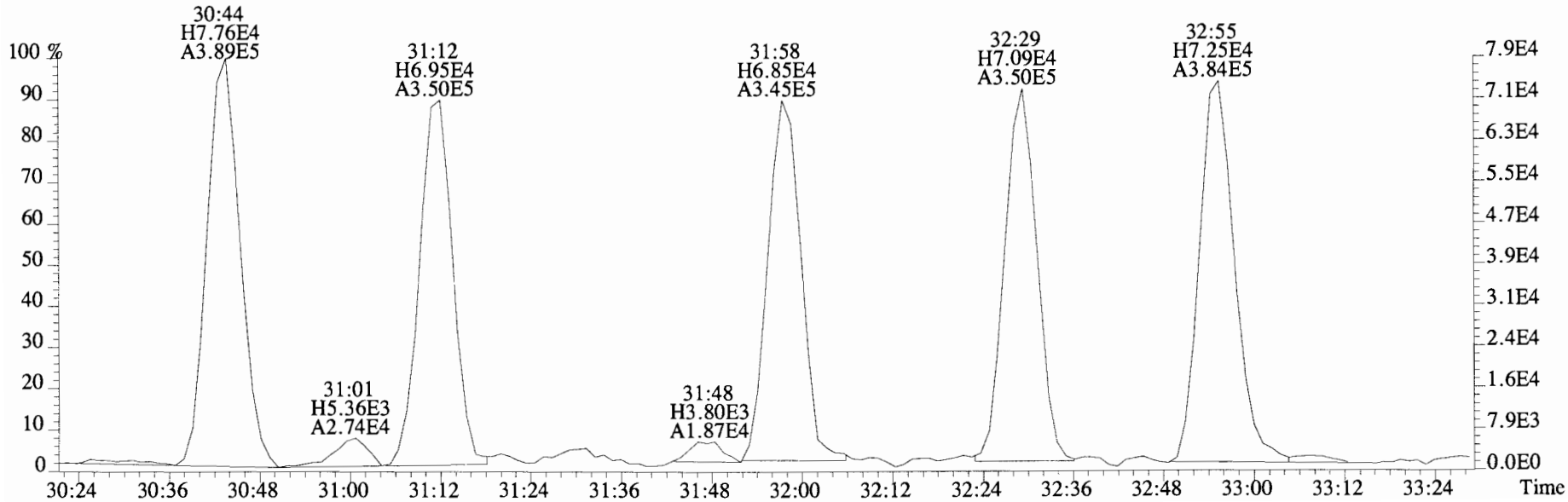
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)



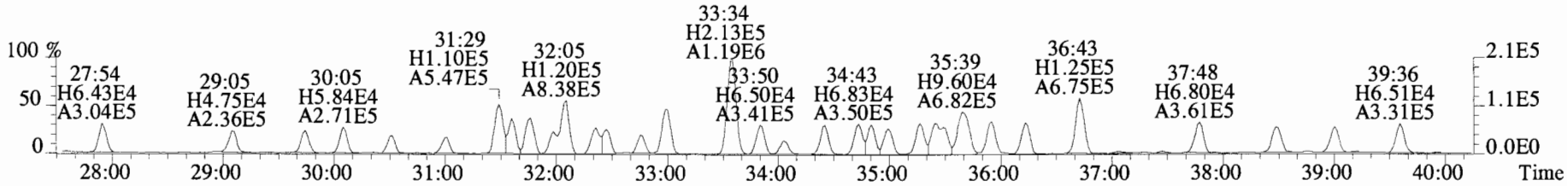
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3672.0,0.00%,F,F)



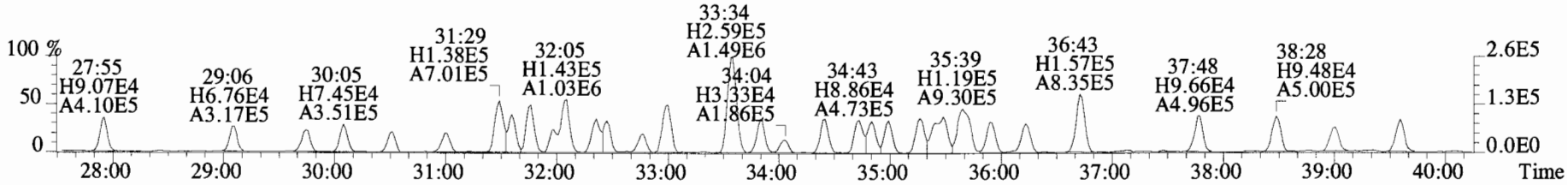
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)



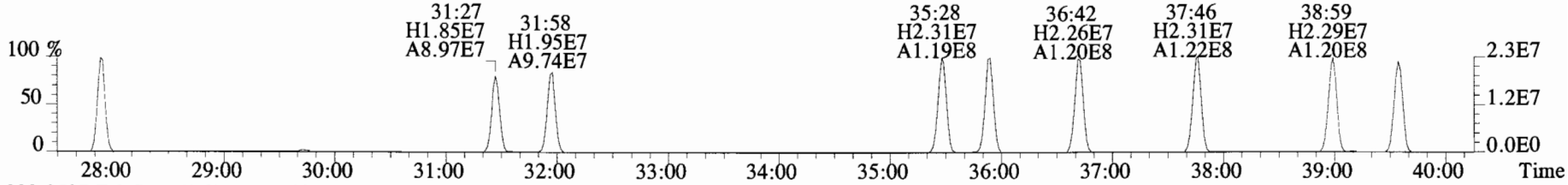
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2828.0,0.00%,F,F)



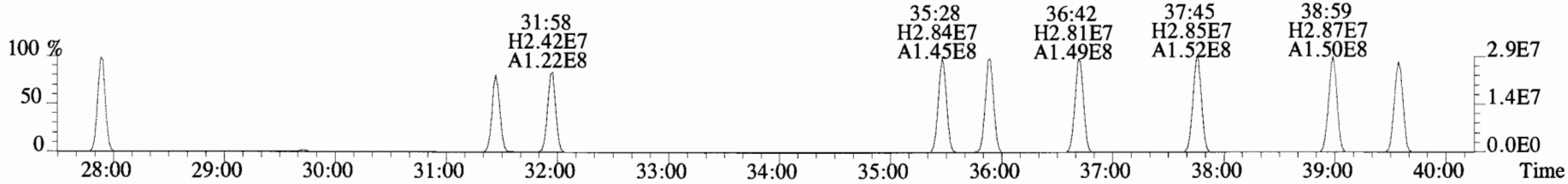
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3156.0,0.00%,F,F)



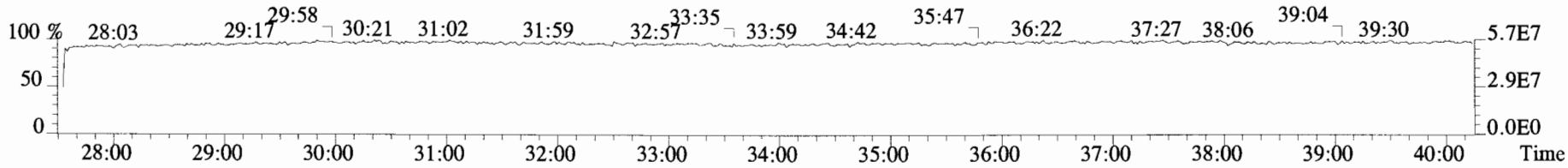
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33956.0,0.00%,F,F)



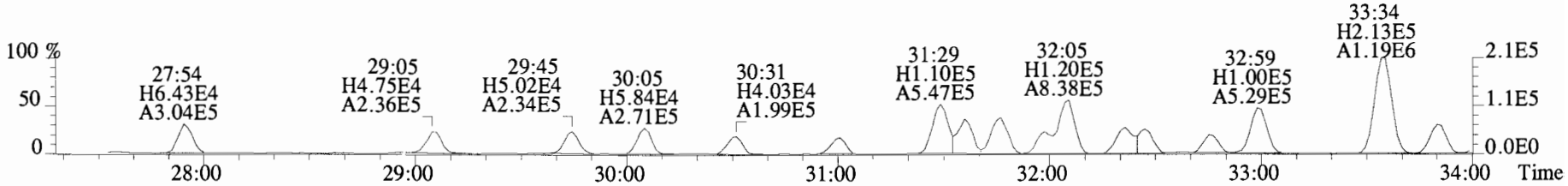
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24688.0,0.00%,F,F)



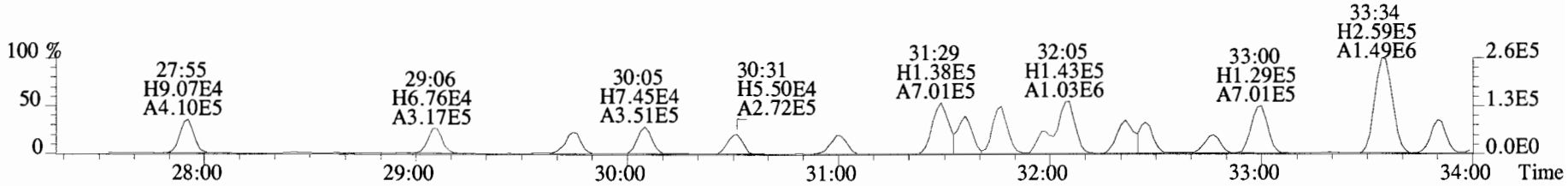
330.9792 F:3



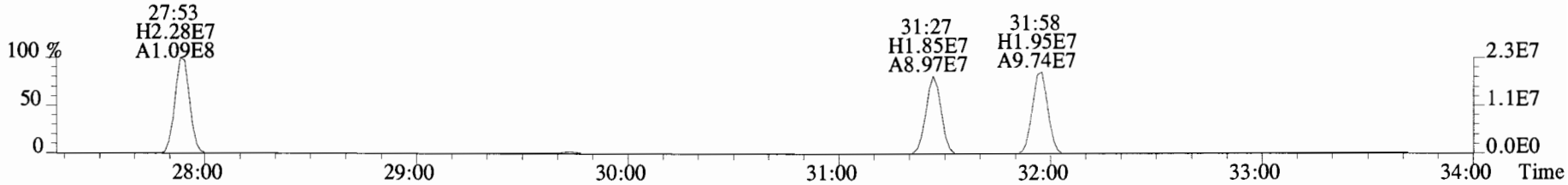
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2828.0,0.00%,F,F)



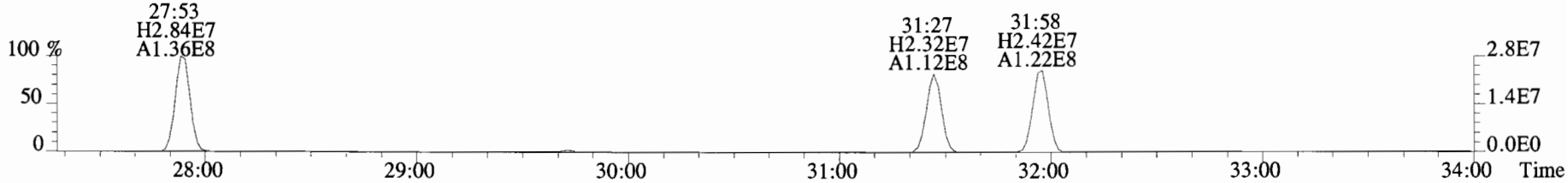
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3156.0,0.00%,F,F)



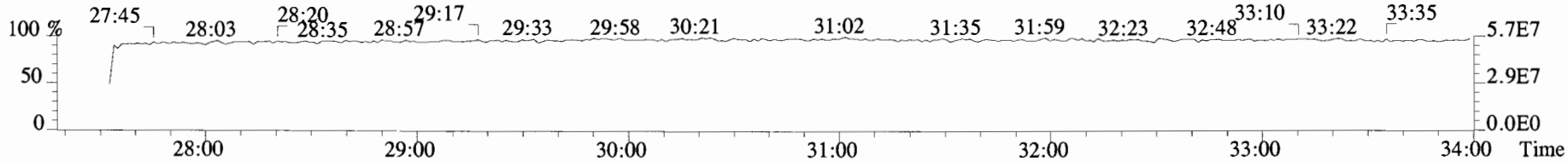
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33956.0,0.00%,F,F)



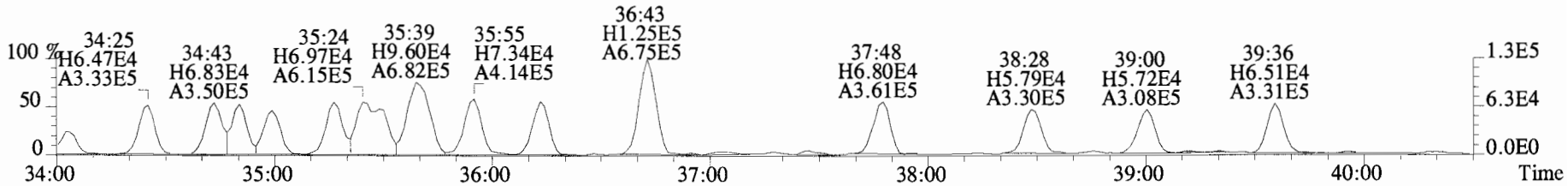
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24688.0,0.00%,F,F)



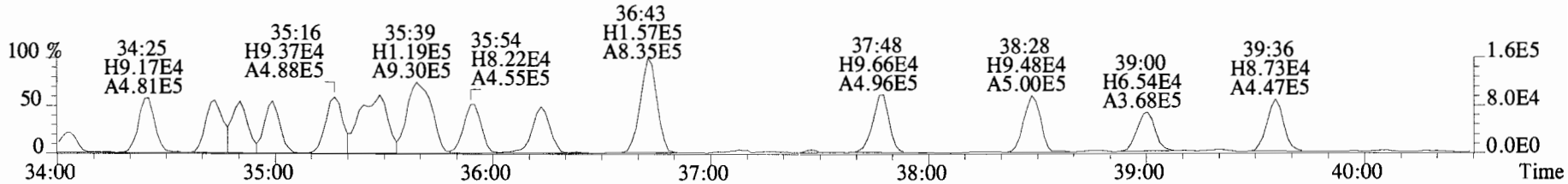
330.9792 F:3



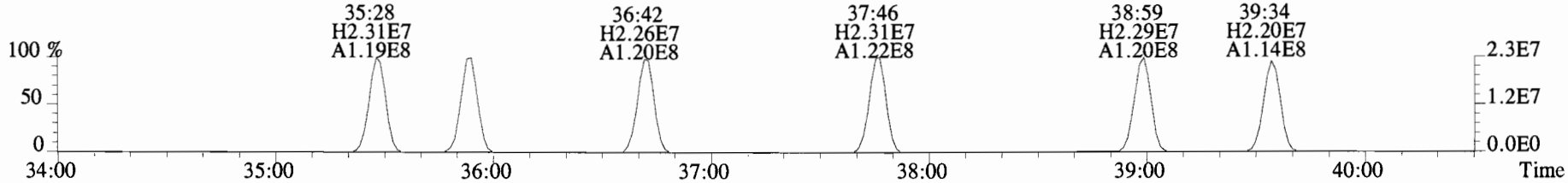
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2828.0,0.00%,F,F)



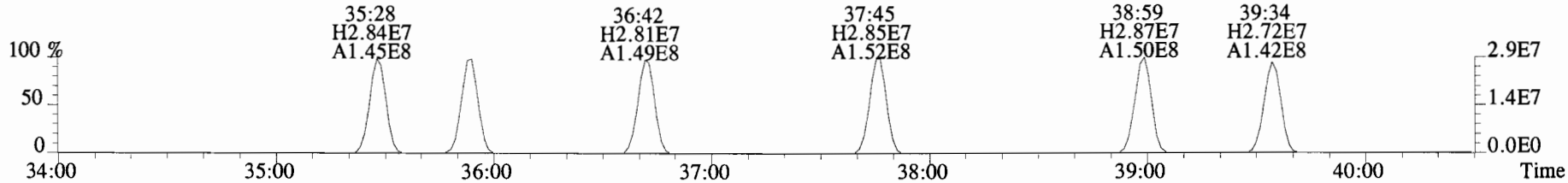
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3156.0,0.00%,F,F)



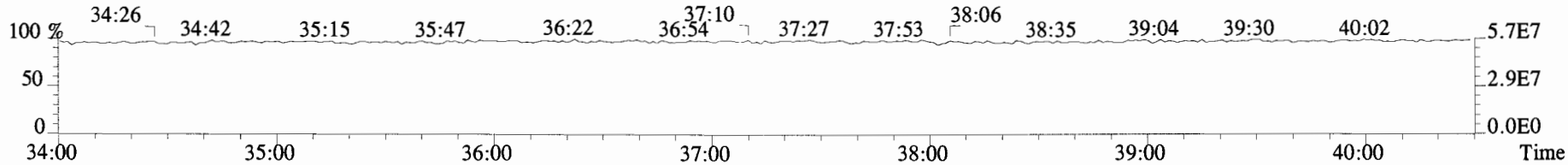
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33956.0,0.00%,F,F)



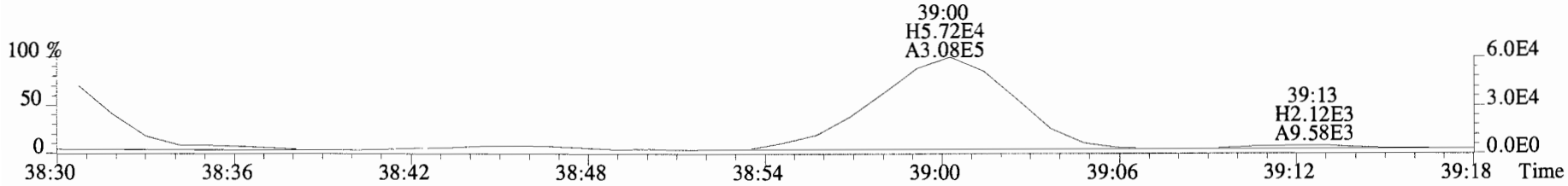
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24688.0,0.00%,F,F)



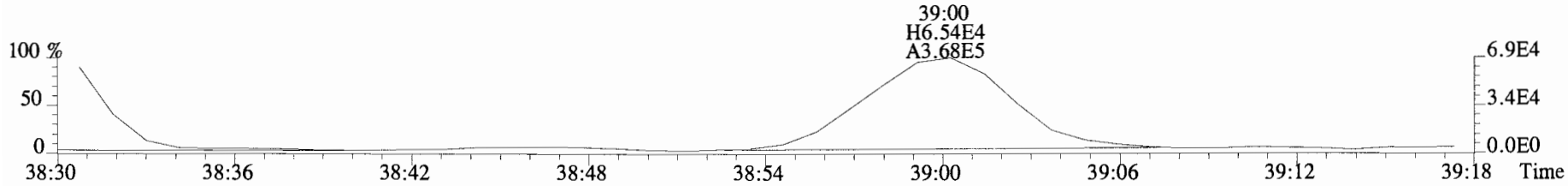
330.9792 F:3



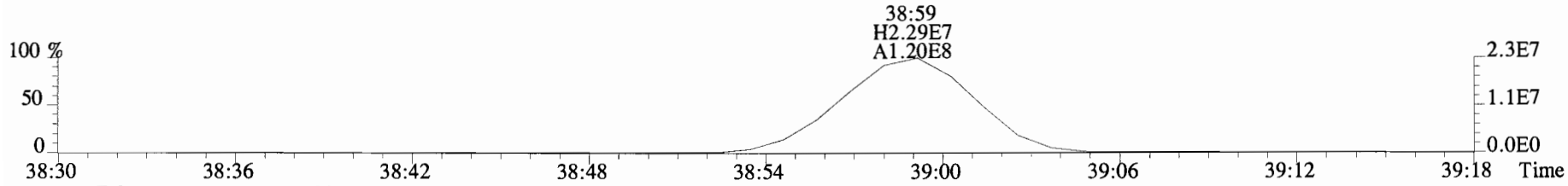
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2828.0,0.00%,F,F)



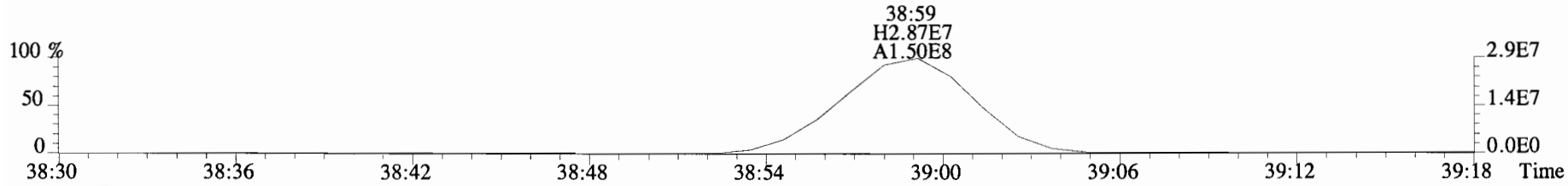
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3156.0,0.00%,F,F)



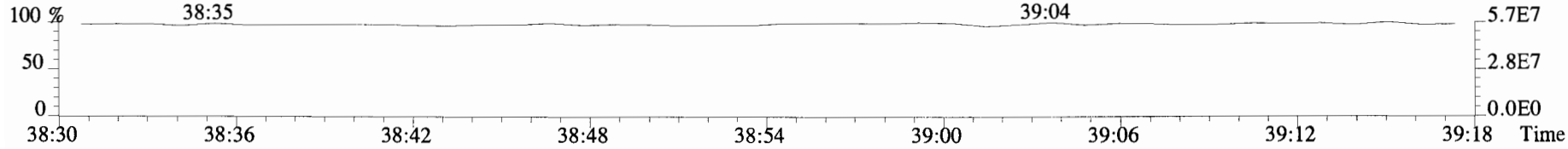
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33956.0,0.00%,F,F)



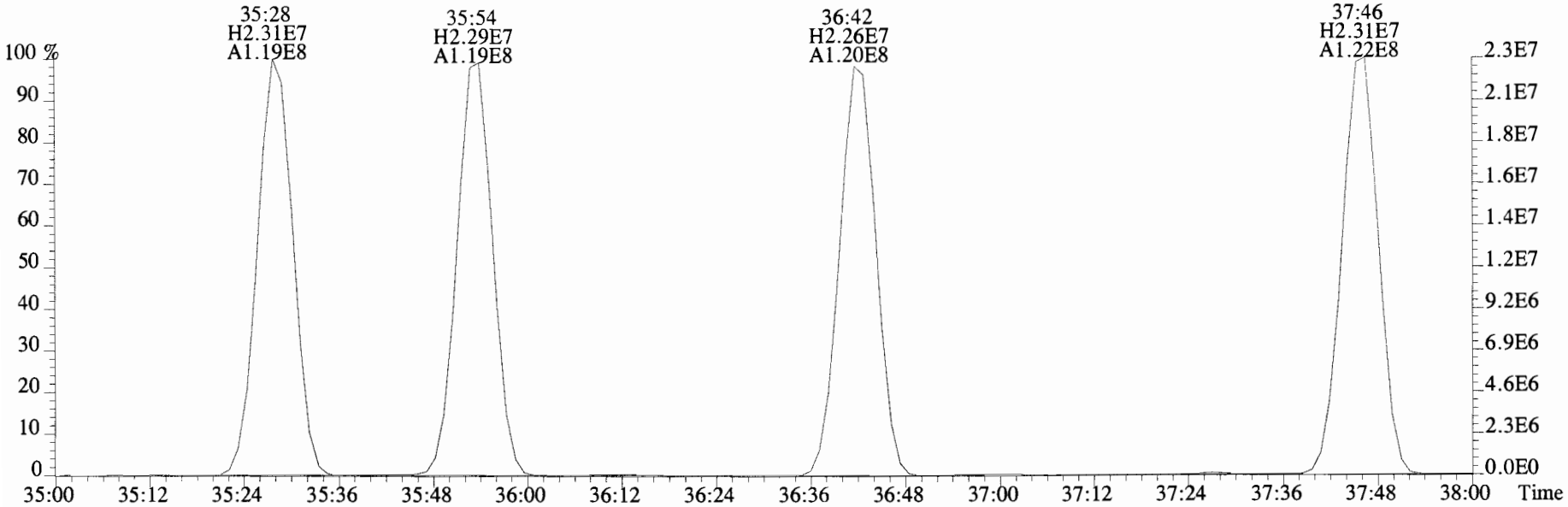
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24688.0,0.00%,F,F)



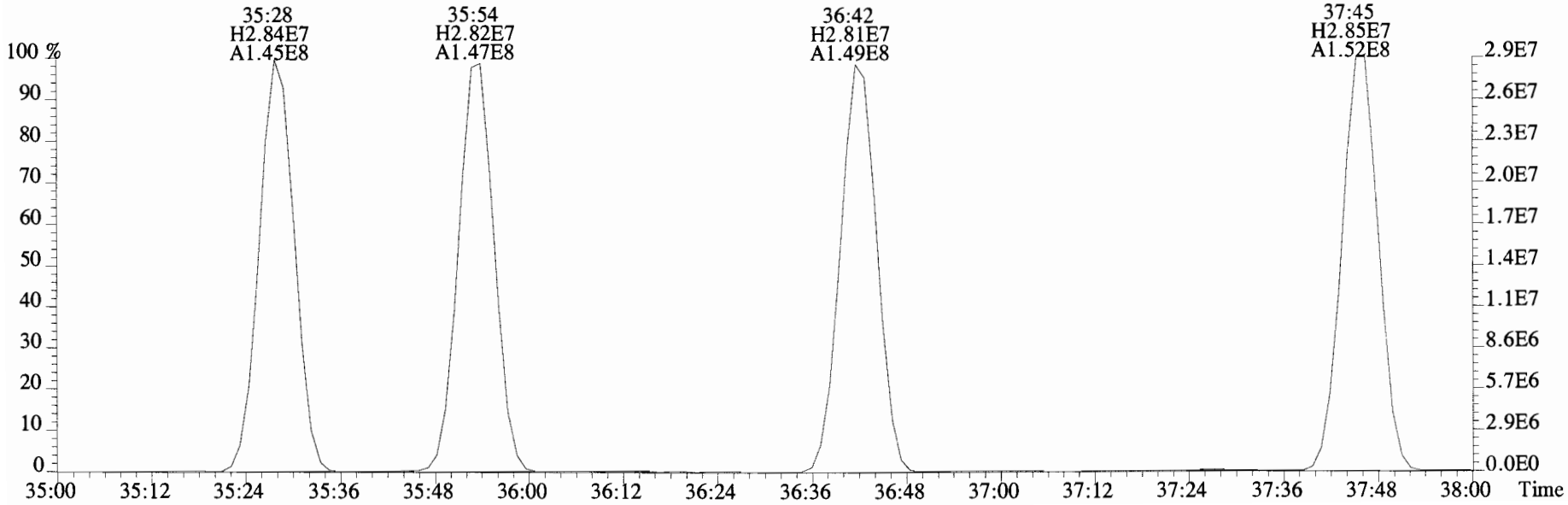
330.9792 F:3



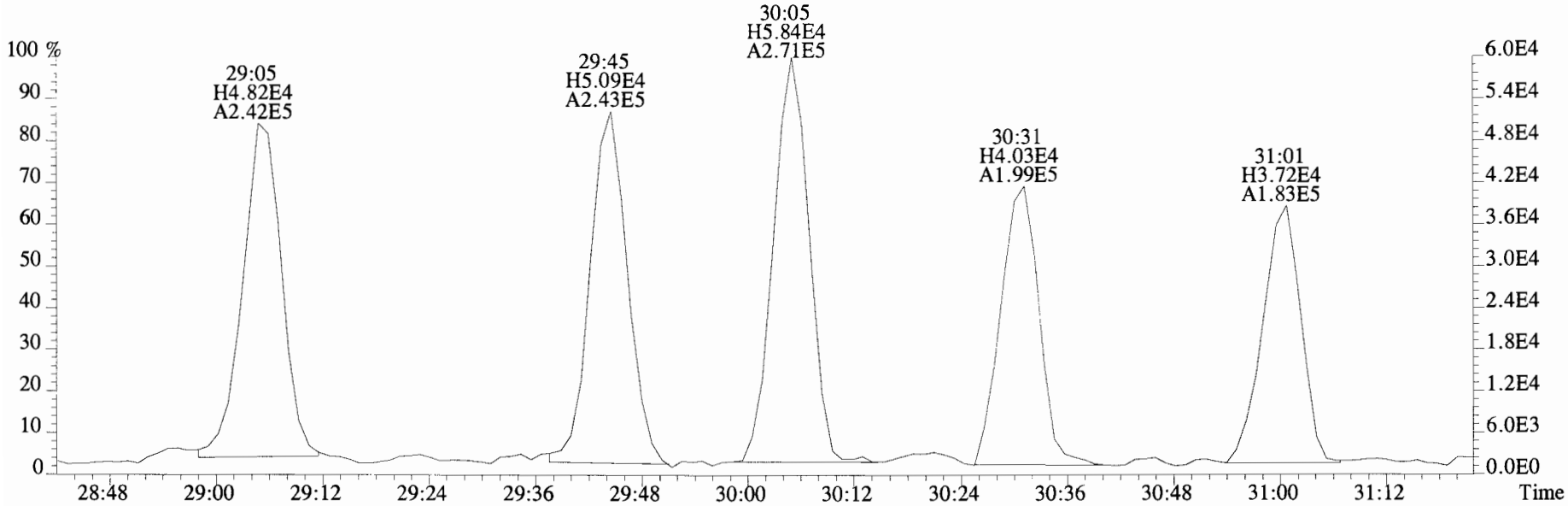
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33956.0,0.00%,F,F)



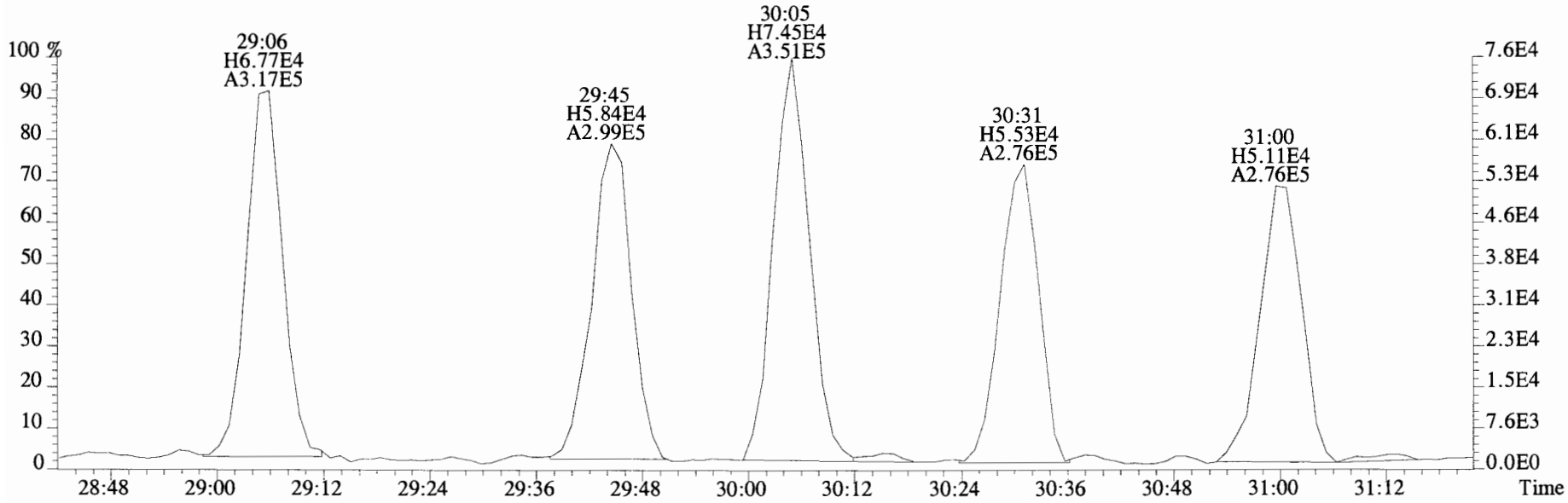
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24688.0,0.00%,F,F)



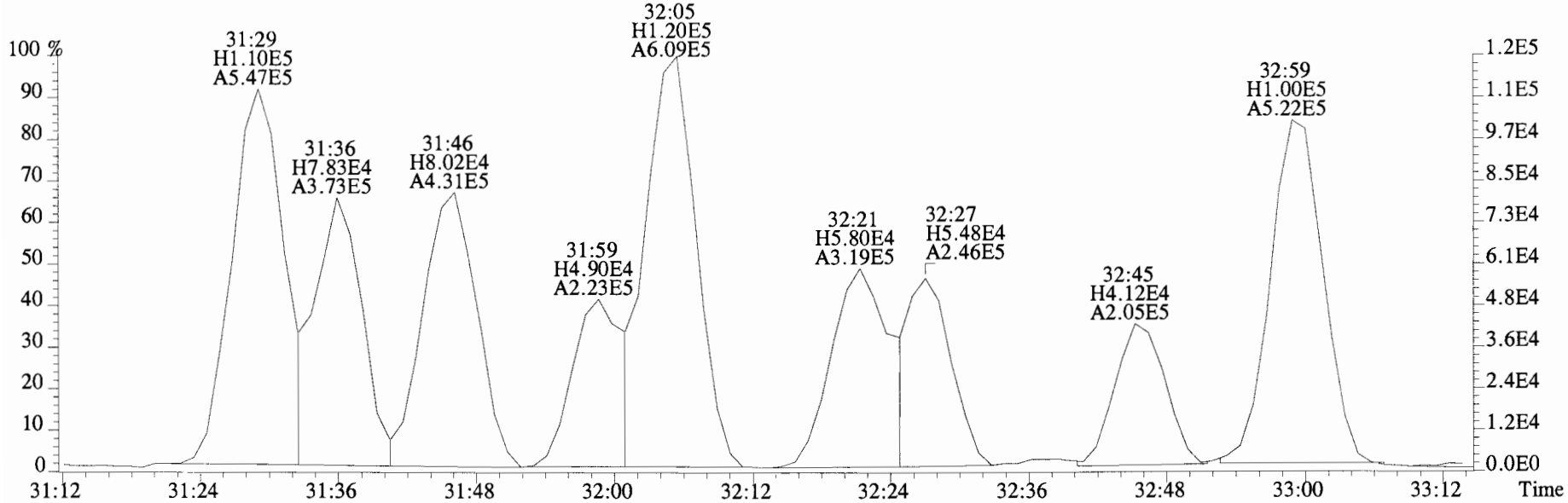
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2828.0,0.00%,F,F)



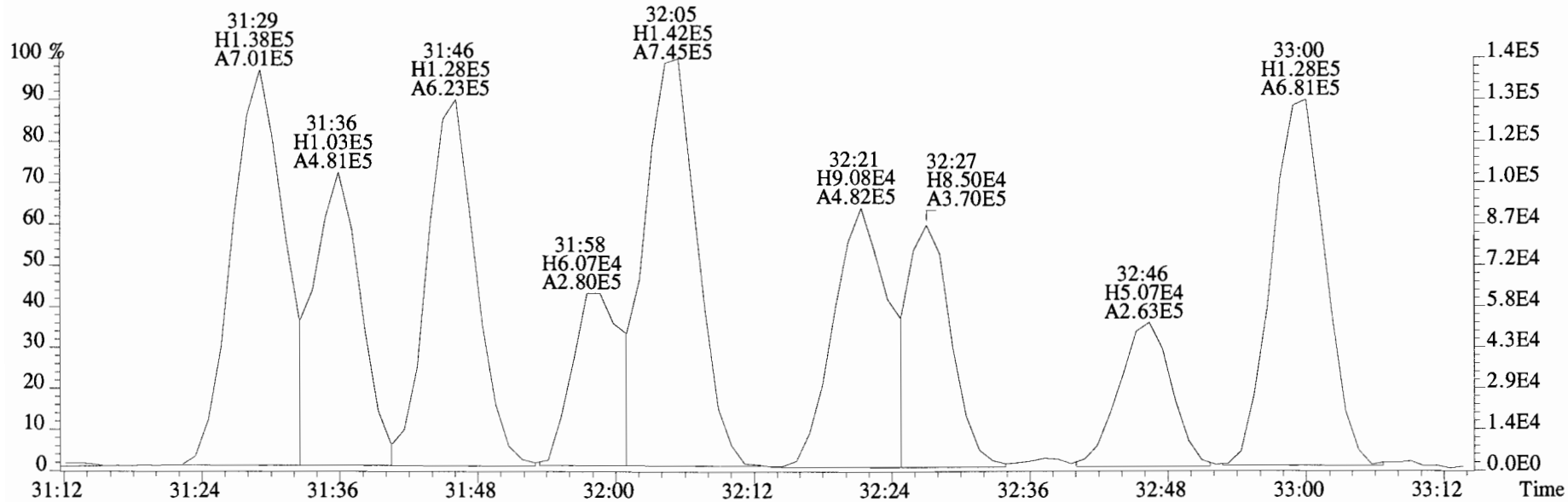
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3156.0,0.00%,F,F)



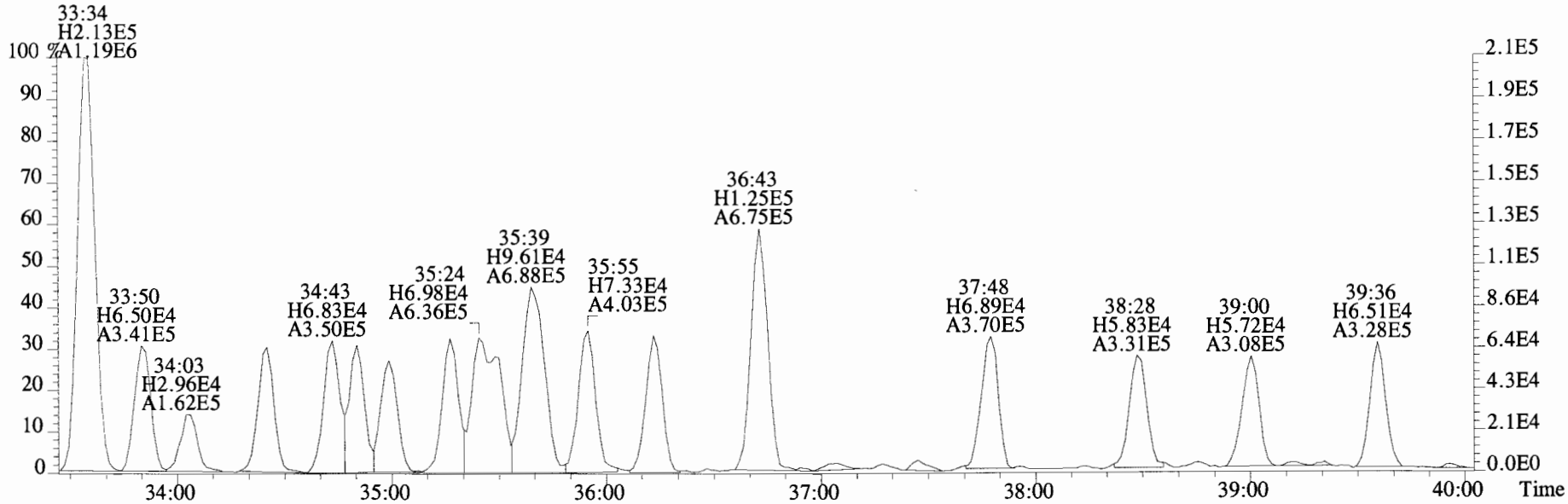
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2828.0,0.00%,F,F)



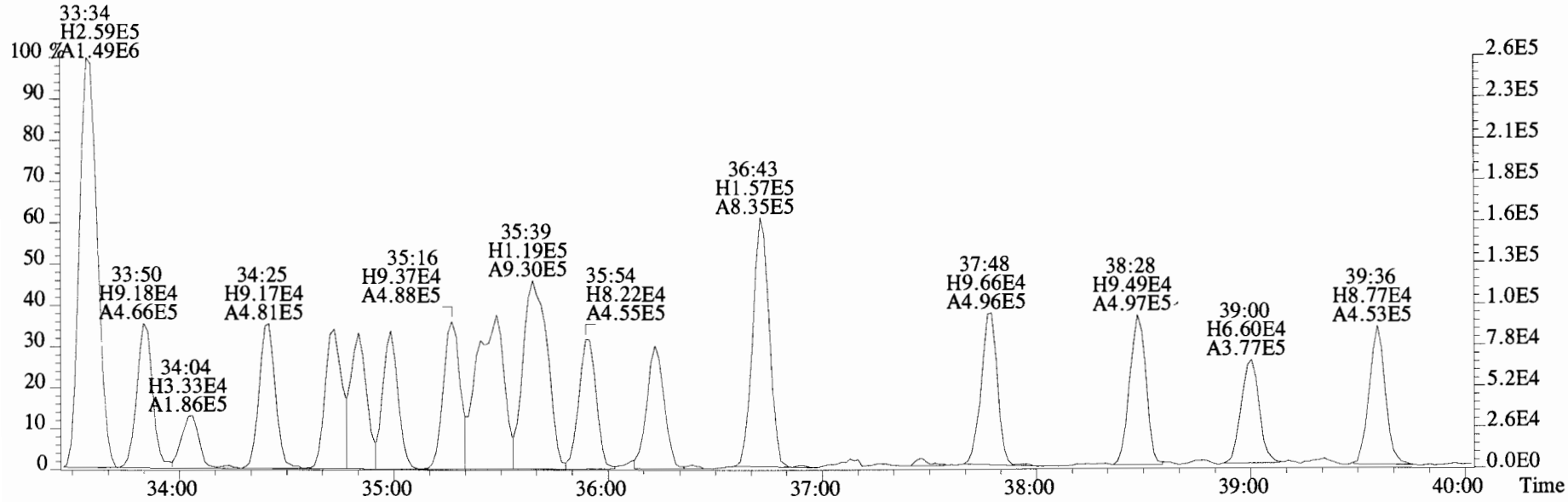
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3156.0,0.00%,F,F)



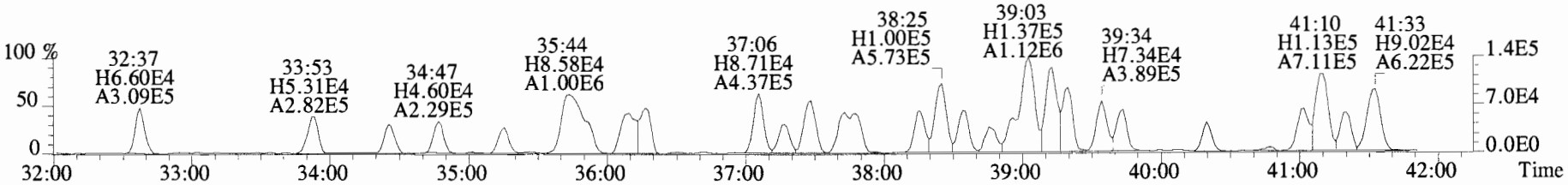
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2828.0,0.00%,F,F)



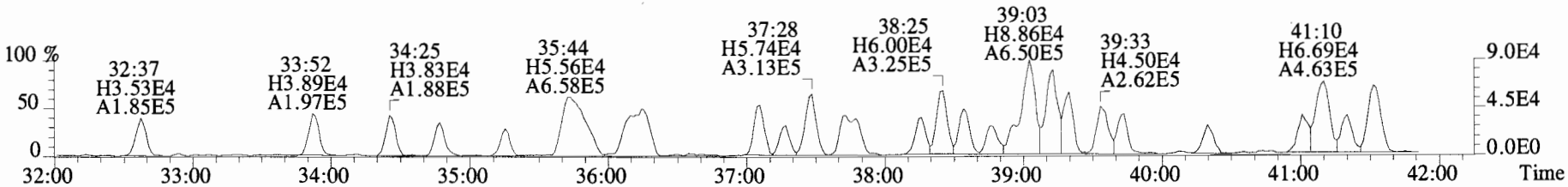
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3156.0,0.00%,F,F)



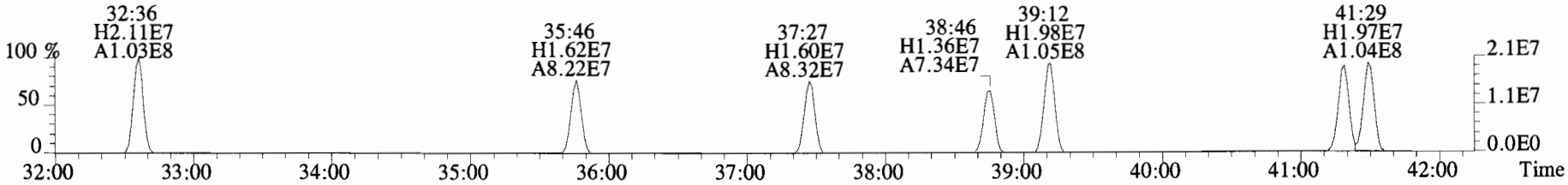
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2192.0,0.00%,F,F)



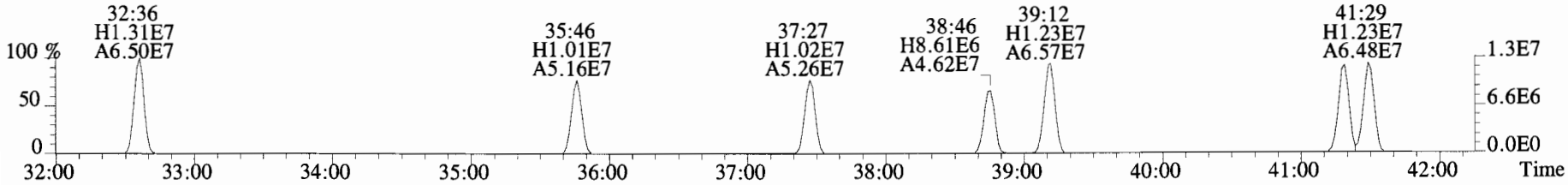
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2080.0,0.00%,F,F)



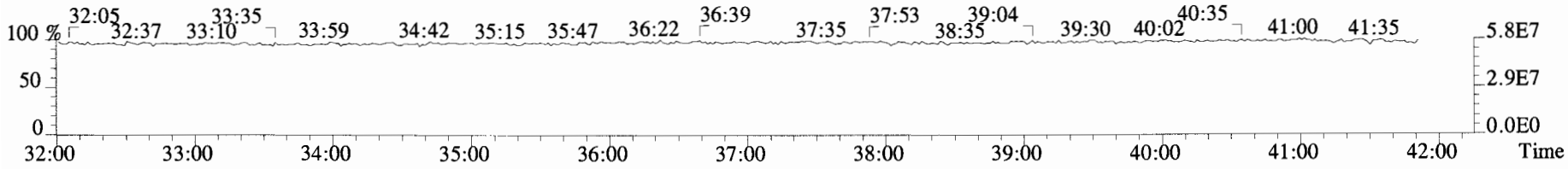
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4388.0,0.00%,F,F)



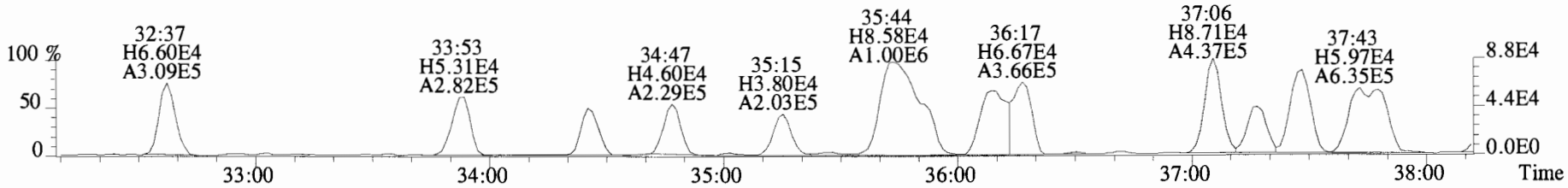
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3760.0,0.00%,F,F)



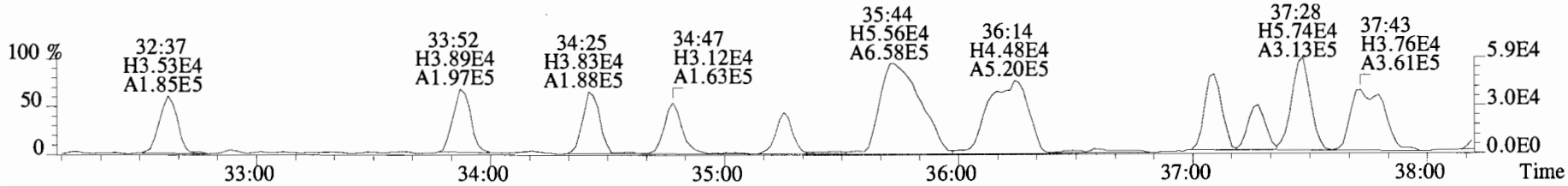
330.9792 F:3



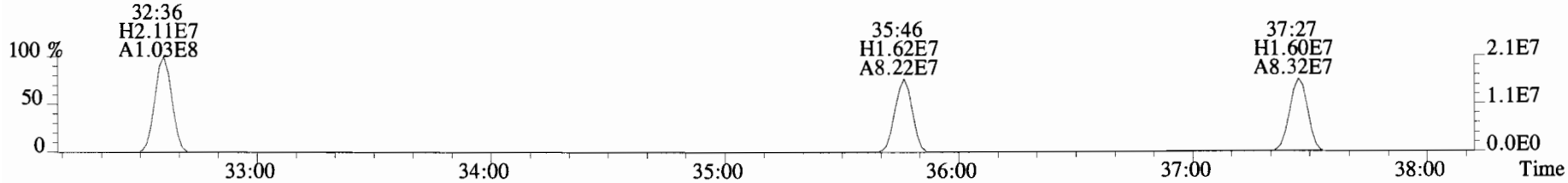
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2192.0,0.00%,F,F)



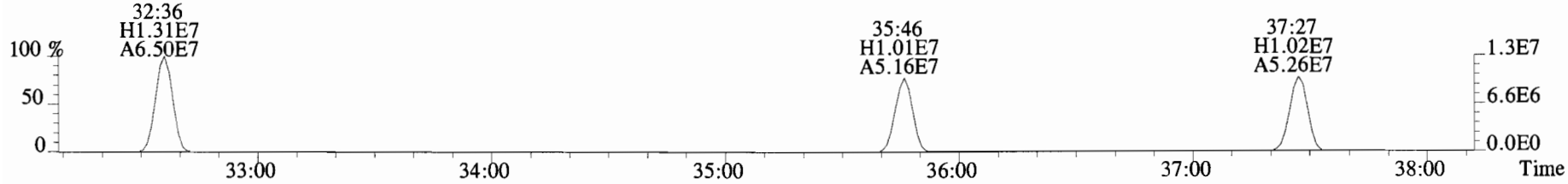
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2080.0,0.00%,F,F)



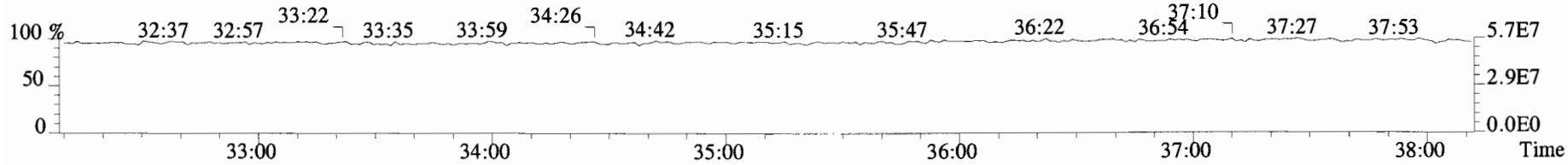
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4388.0,0.00%,F,F)



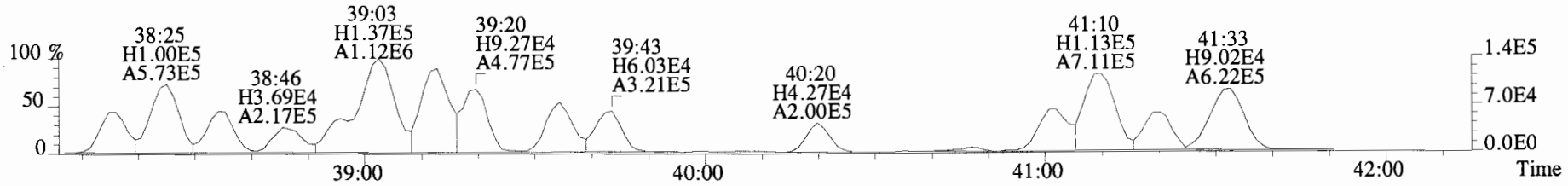
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3760.0,0.00%,F,F)



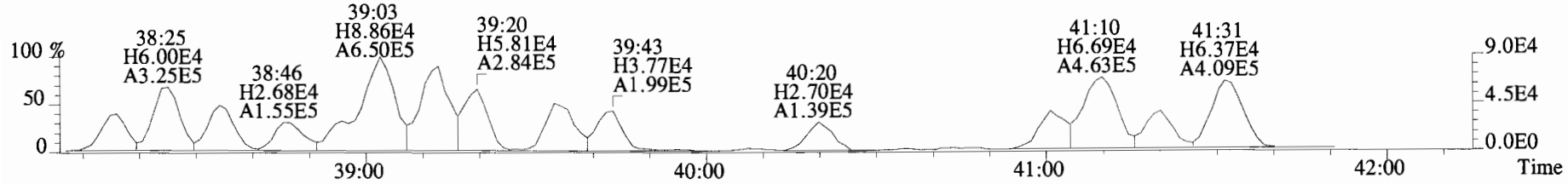
330.9792 F:3



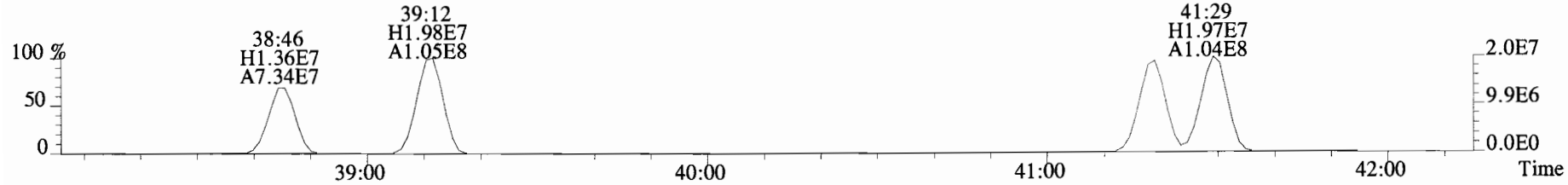
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2192.0,0.00%,F,F)



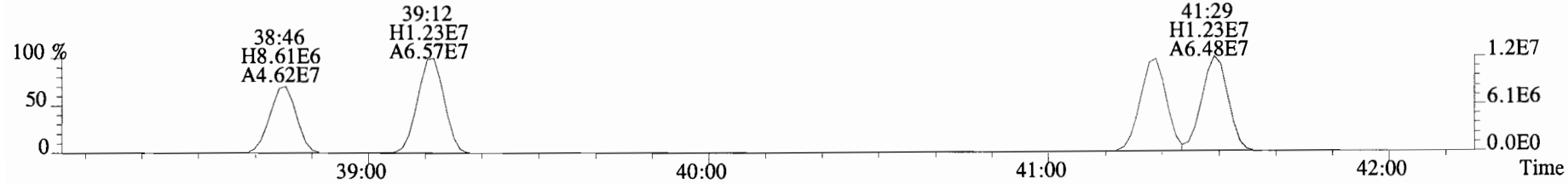
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2080.0,0.00%,F,F)



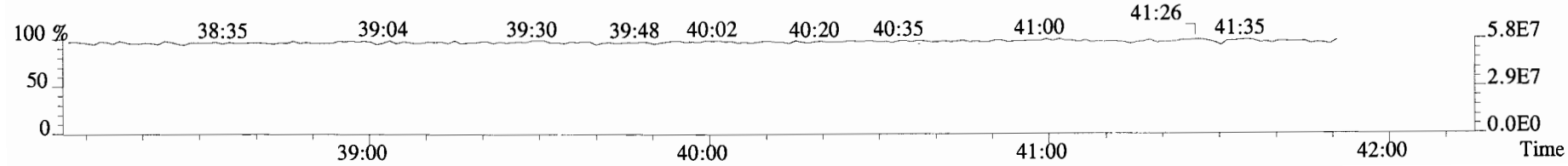
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4388.0,0.00%,F,F)



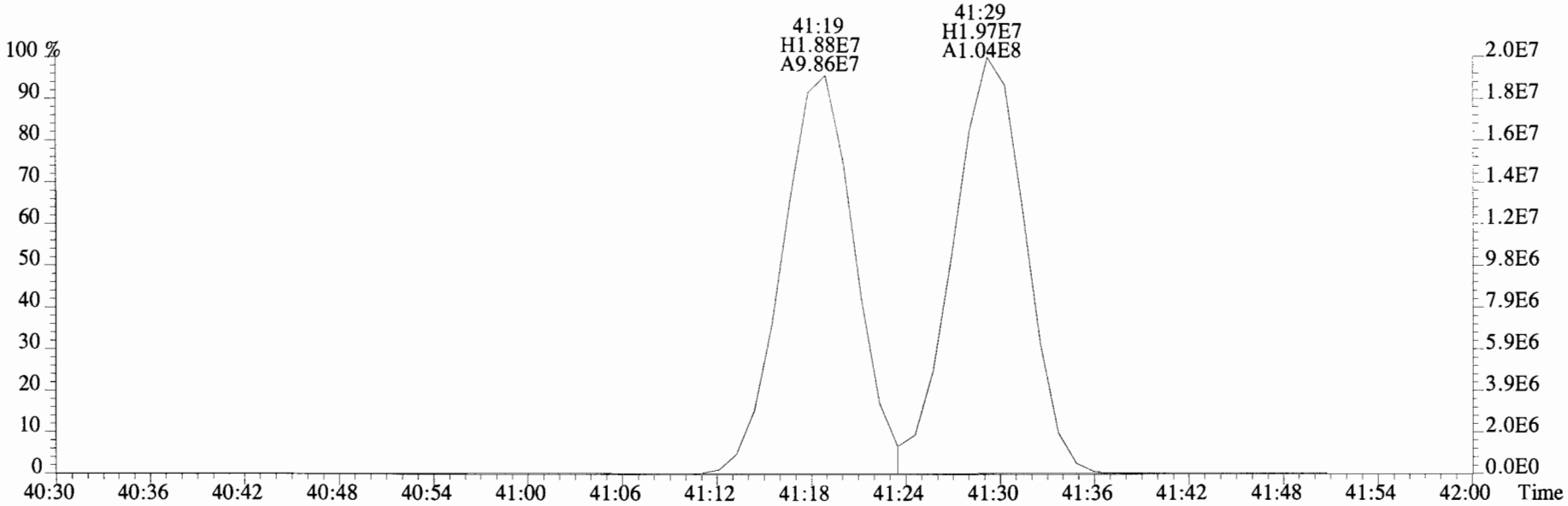
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3760.0,0.00%,F,F)



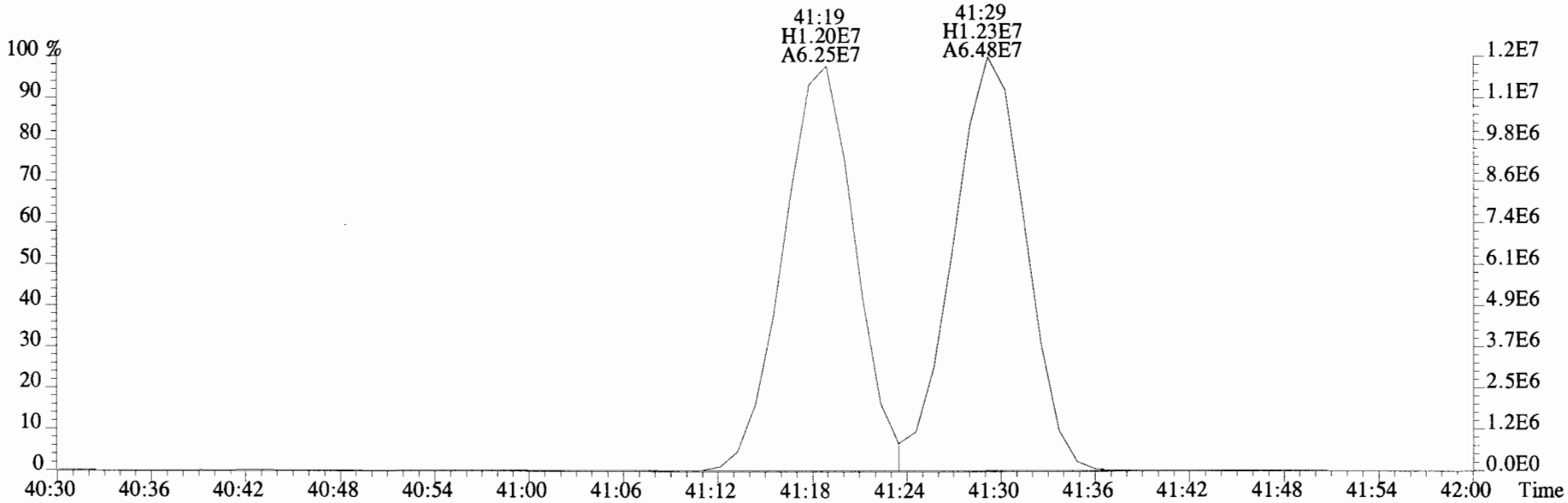
330.9792 F:3



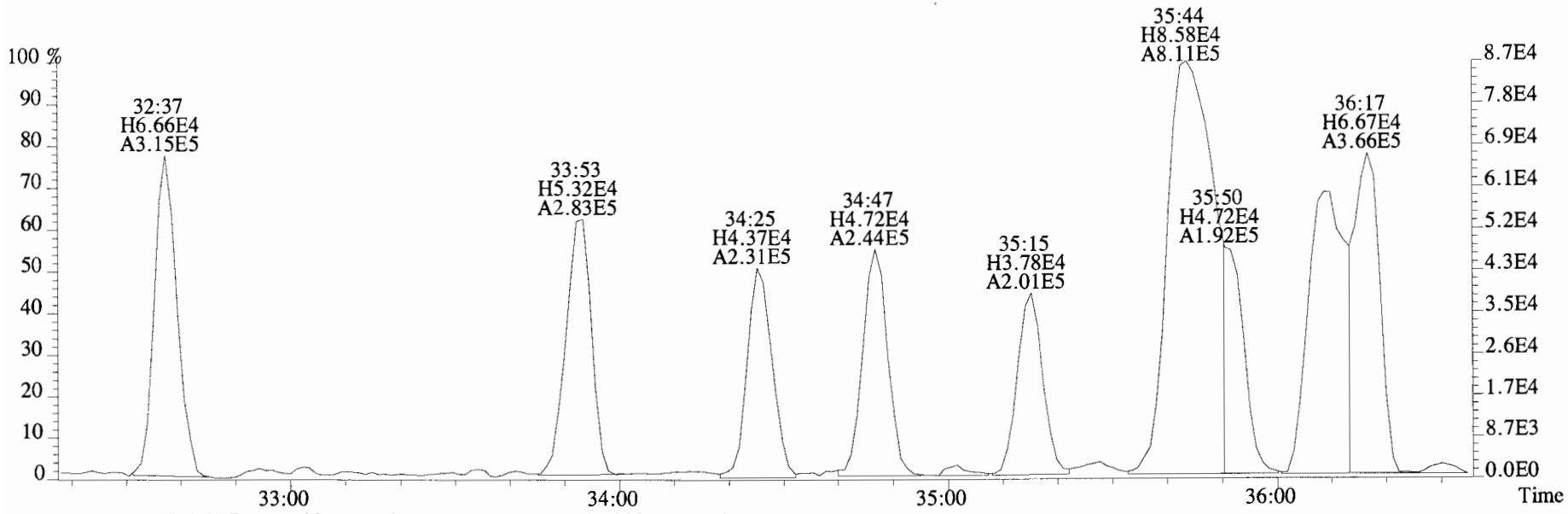
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4388.0,0.00%,F,F)



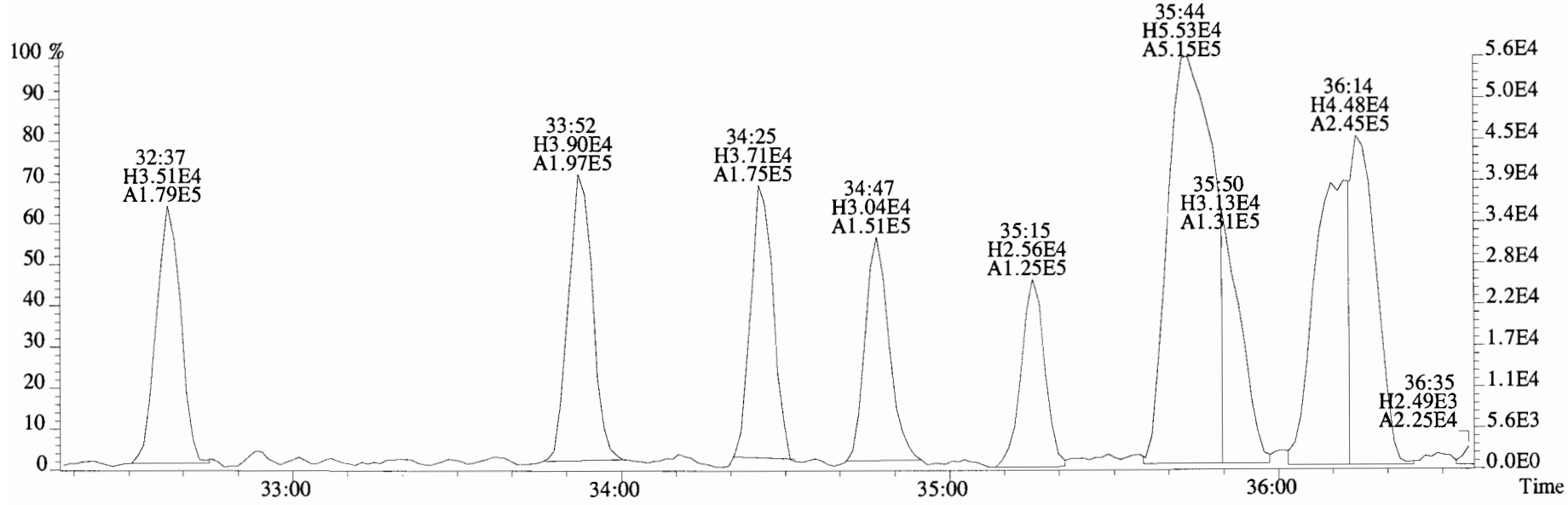
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3760.0,0.00%,F,F)



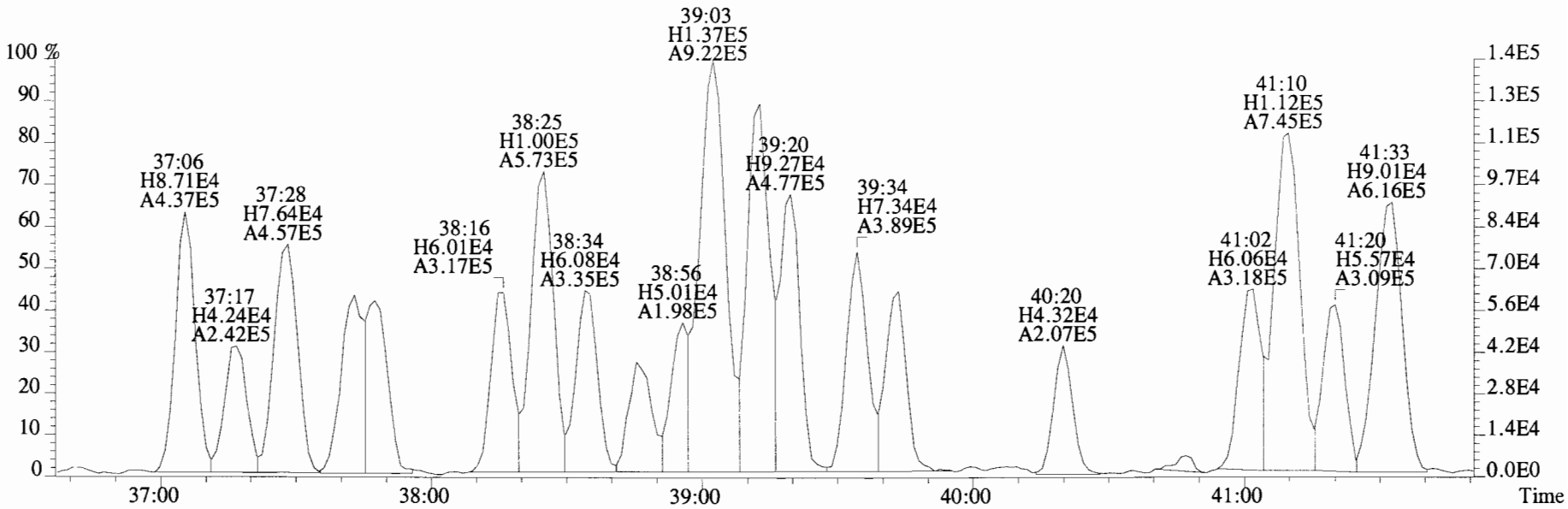
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2192.0,0.00%,F,F)



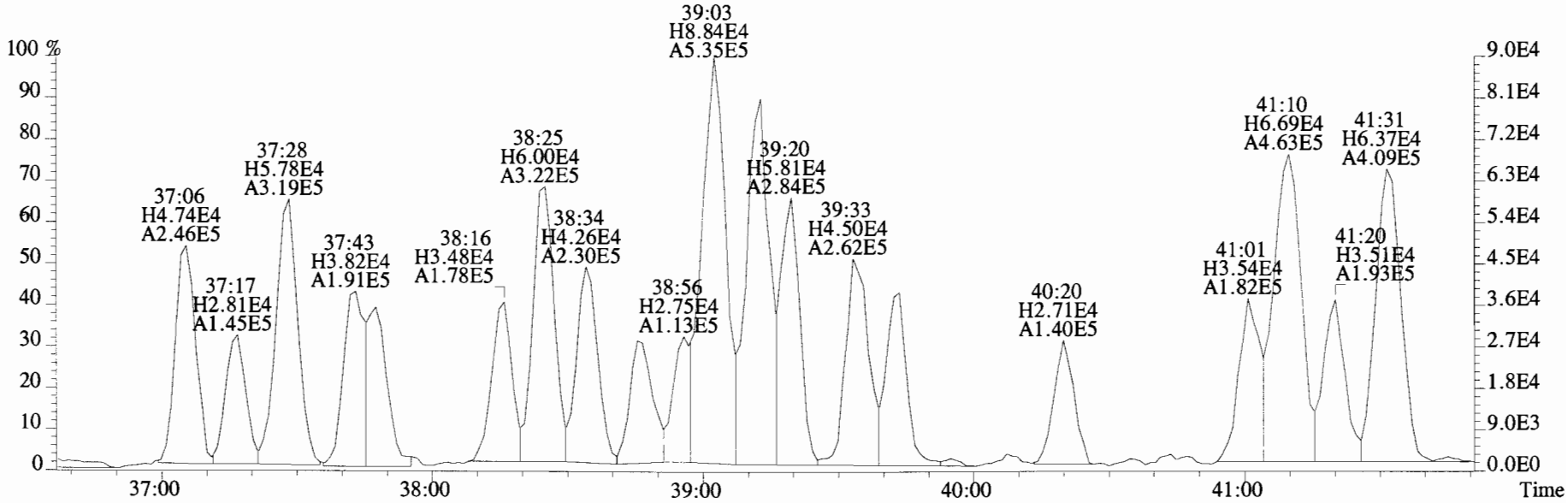
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2080.0,0.00%,F,F)



File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2192.0,0.00%,F,F)

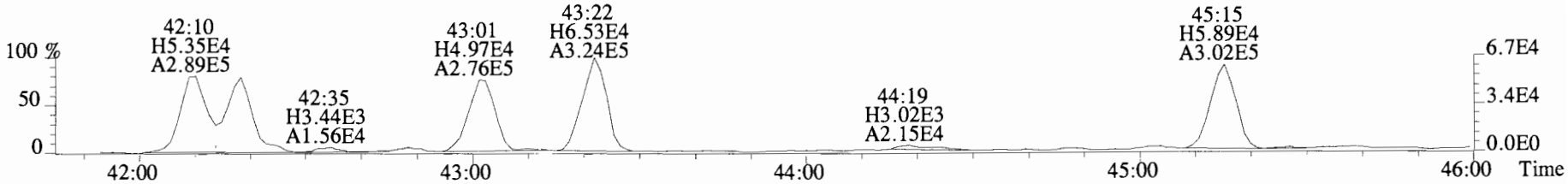


327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2080.0,0.00%,F,F)

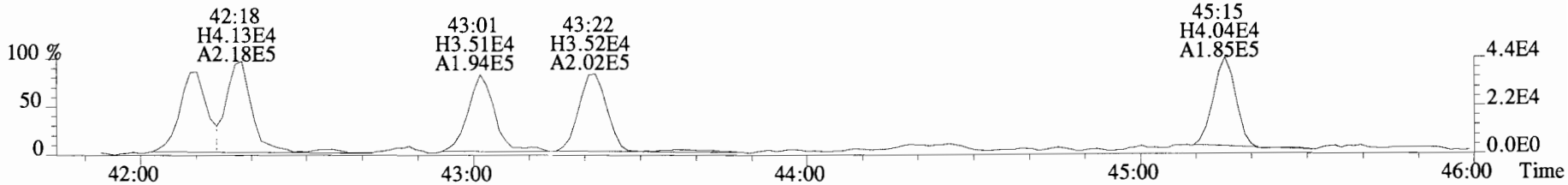


File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1

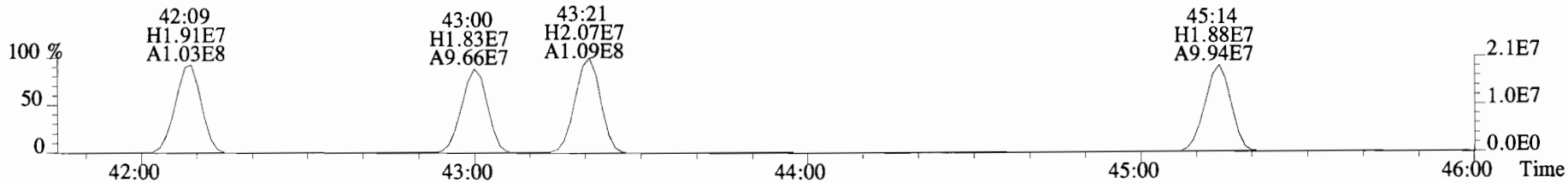
325.8804 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2272.0,0.00%,F,F)



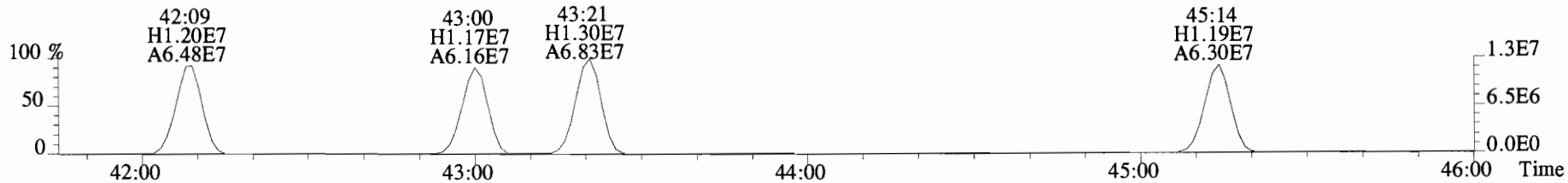
327.8775 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2344.0,0.00%,F,F)



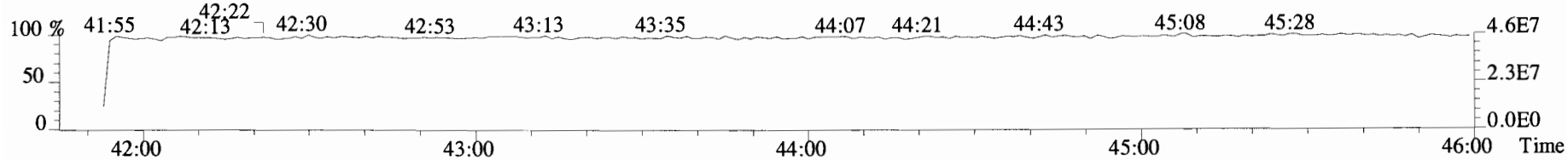
337.9207 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12672.0,0.00%,F,F)



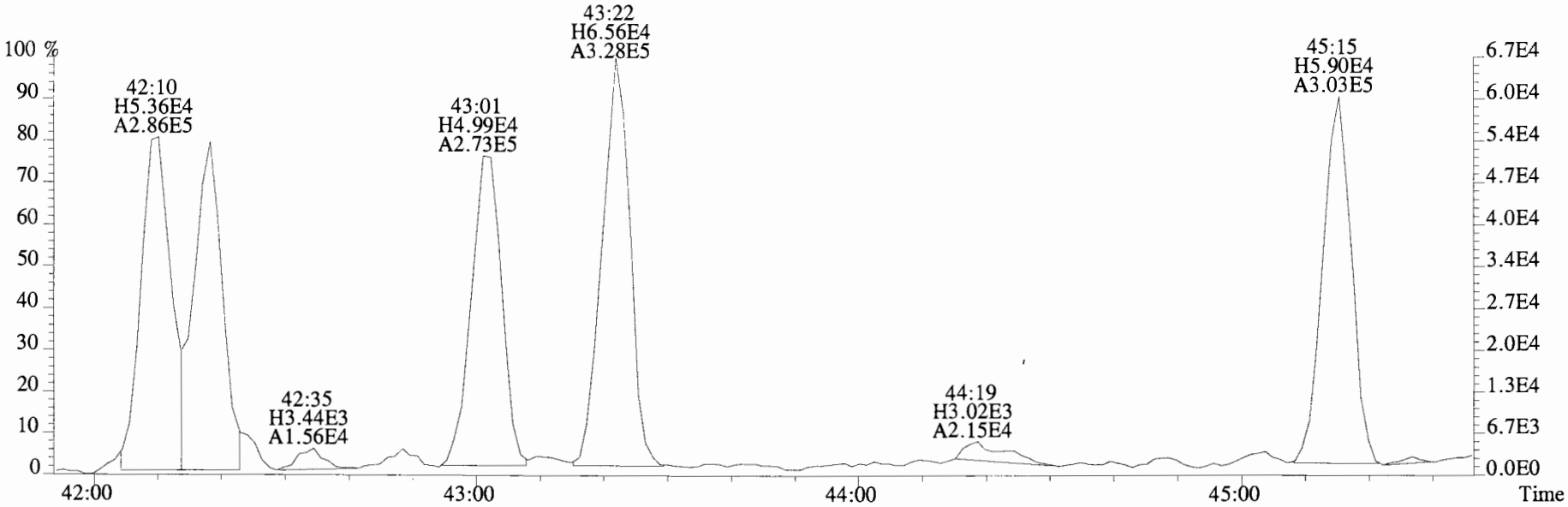
339.9177 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9696.0,0.00%,F,F)



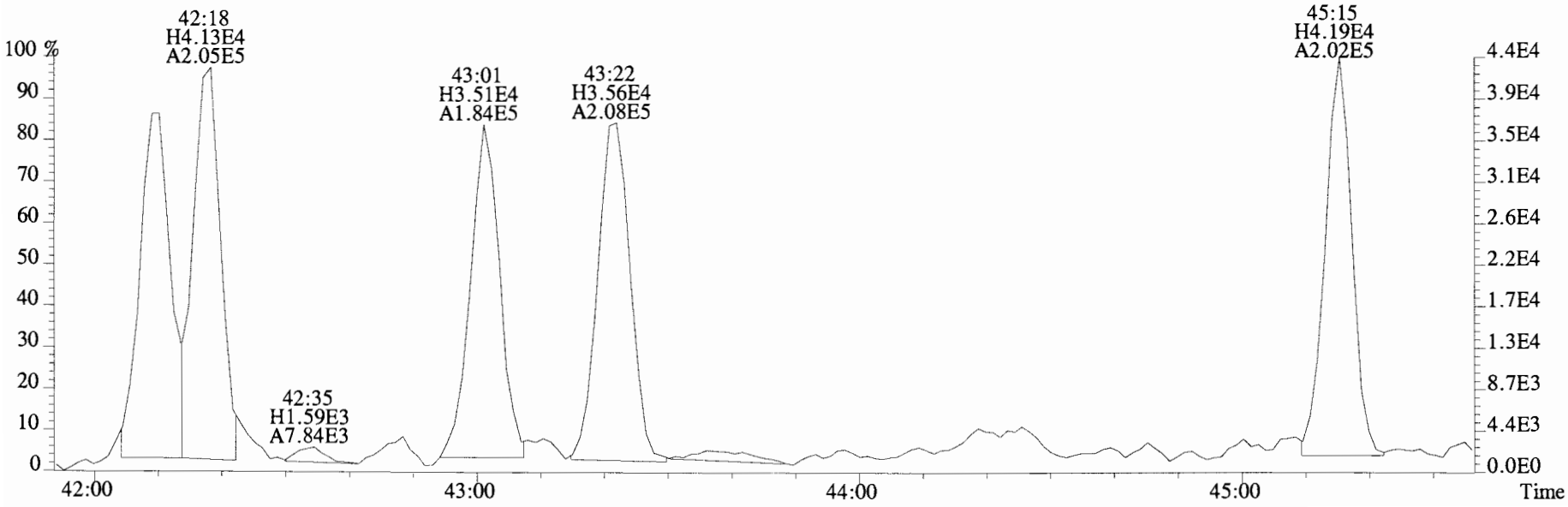
380.9760 F:4



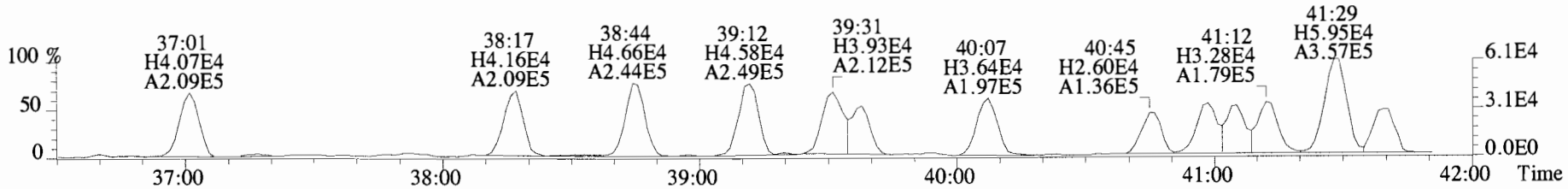
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
325.8804 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2272.0,0.00%,F,F)



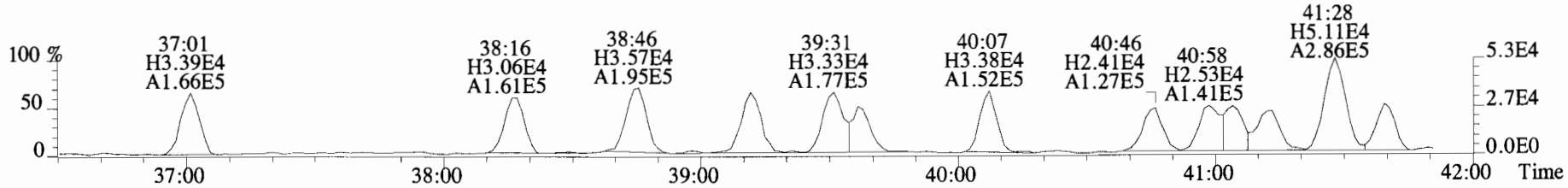
327.8775 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2344.0,0.00%,F,F)



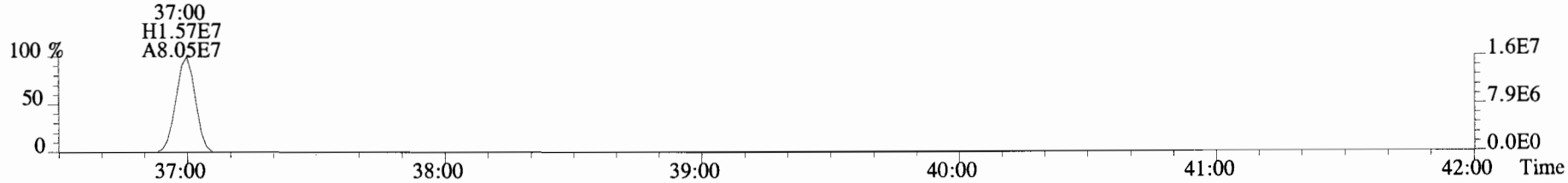
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
359.8415 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1880.0,0.00%,F,F)



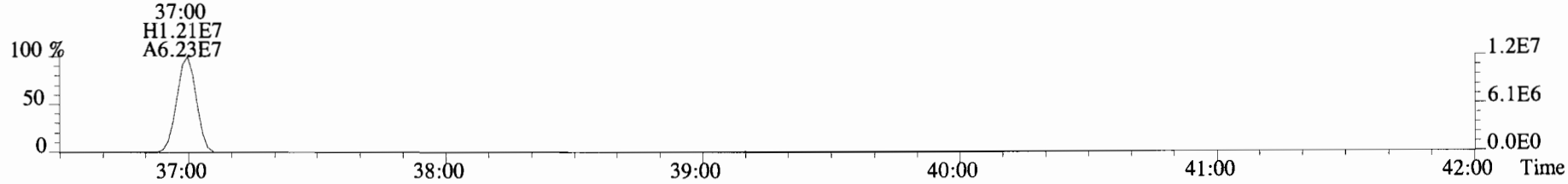
361.8385 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2088.0,0.00%,F,F)



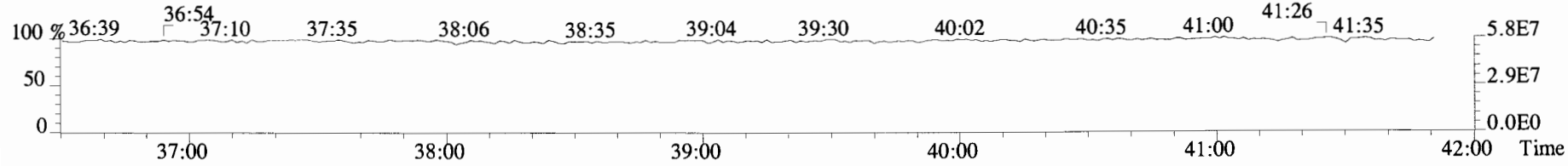
371.8817 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1796.0,0.00%,F,F)



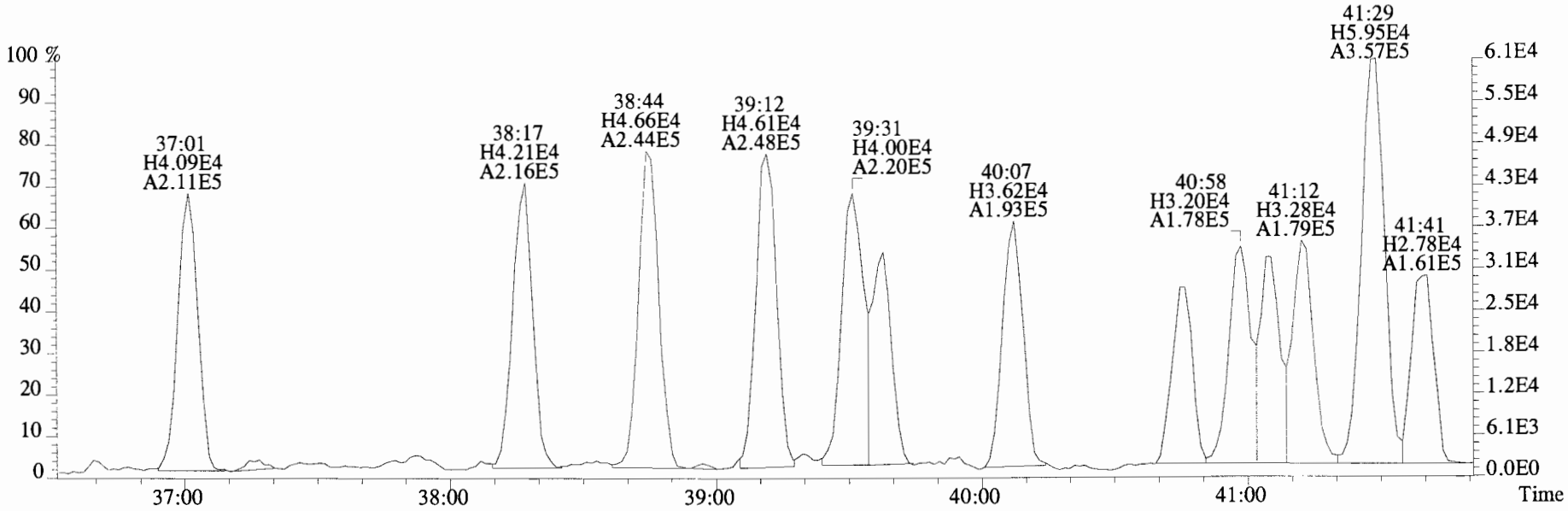
373.8788 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2732.0,0.00%,F,F)



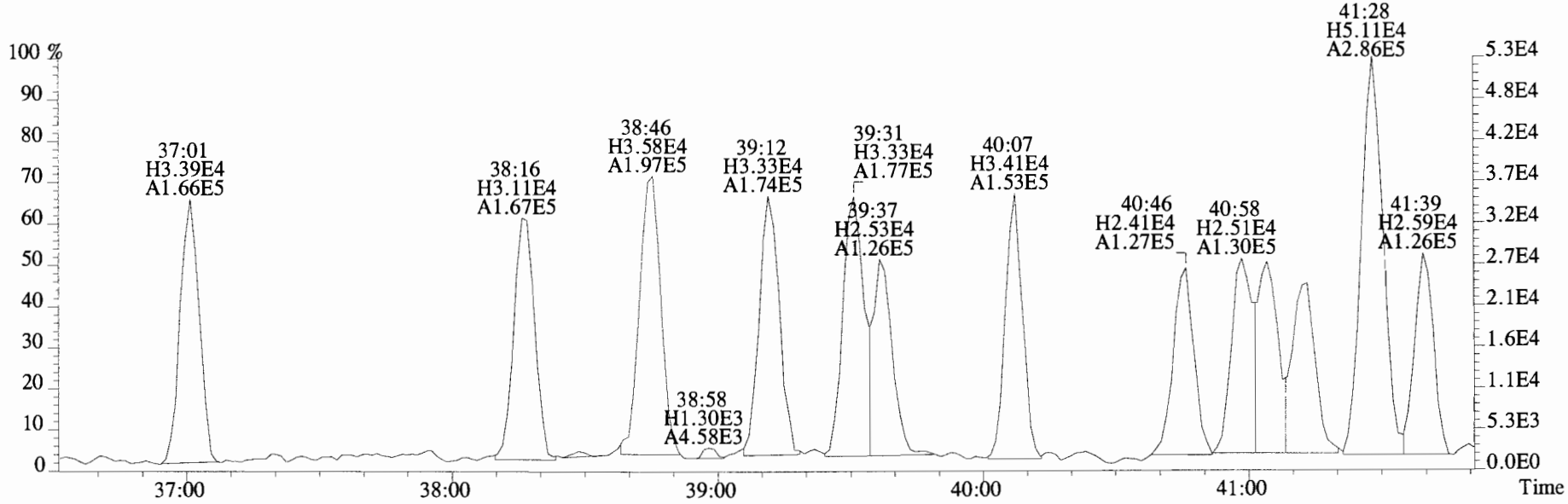
330.9792 F:3



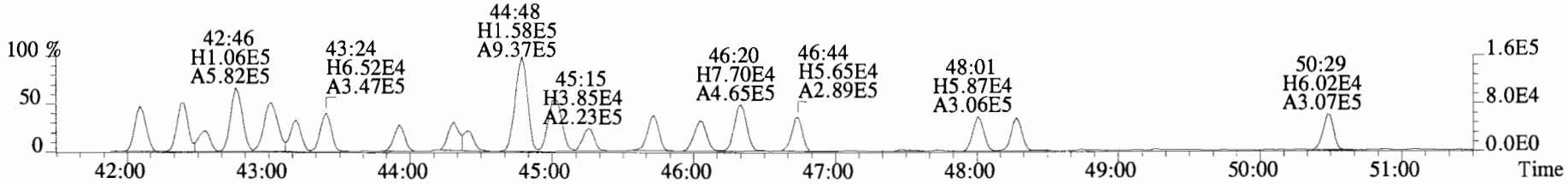
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
359.8415 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1880.0,0.00%,F,F)



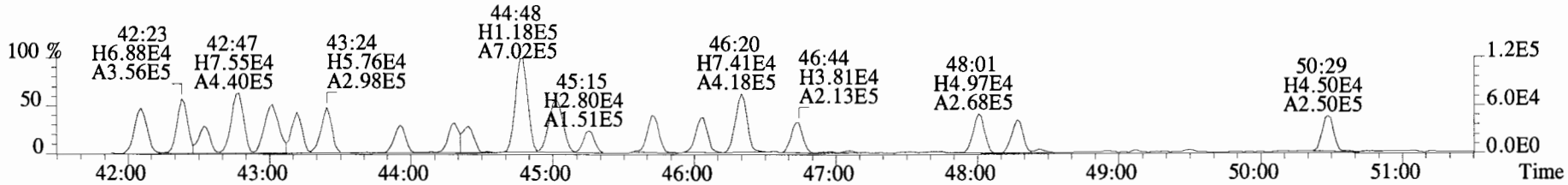
361.8385 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2088.0,0.00%,F,F)



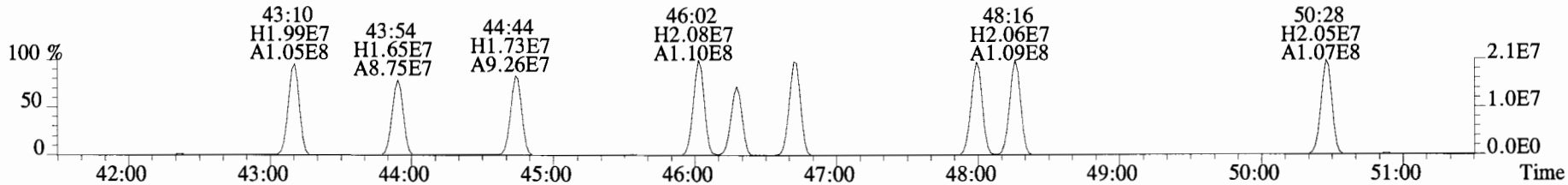
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2156.0,0.00%,F,F)



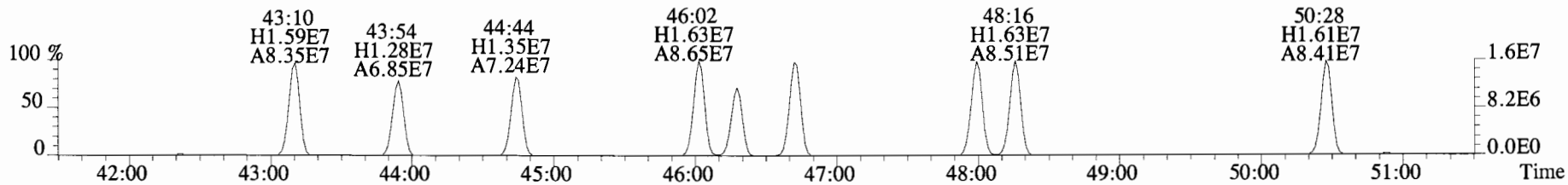
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2408.0,0.00%,F,F)



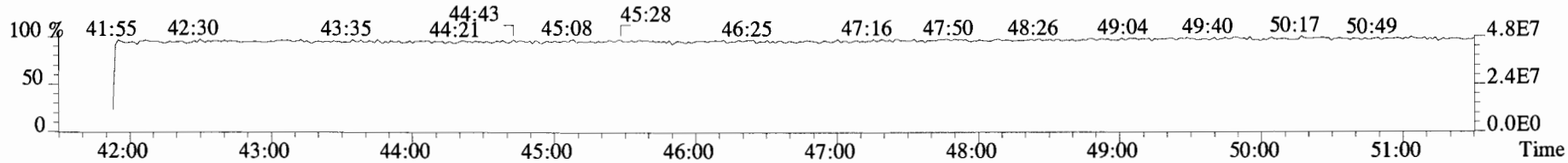
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27000.0,0.00%,F,F)



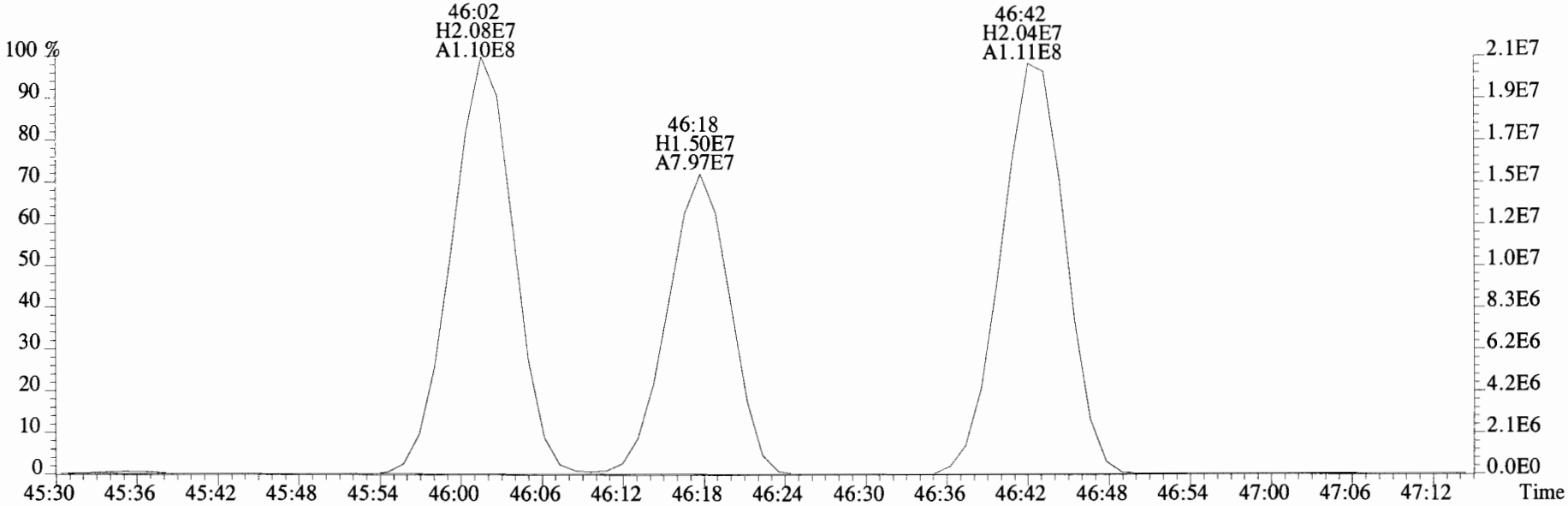
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19336.0,0.00%,F,F)



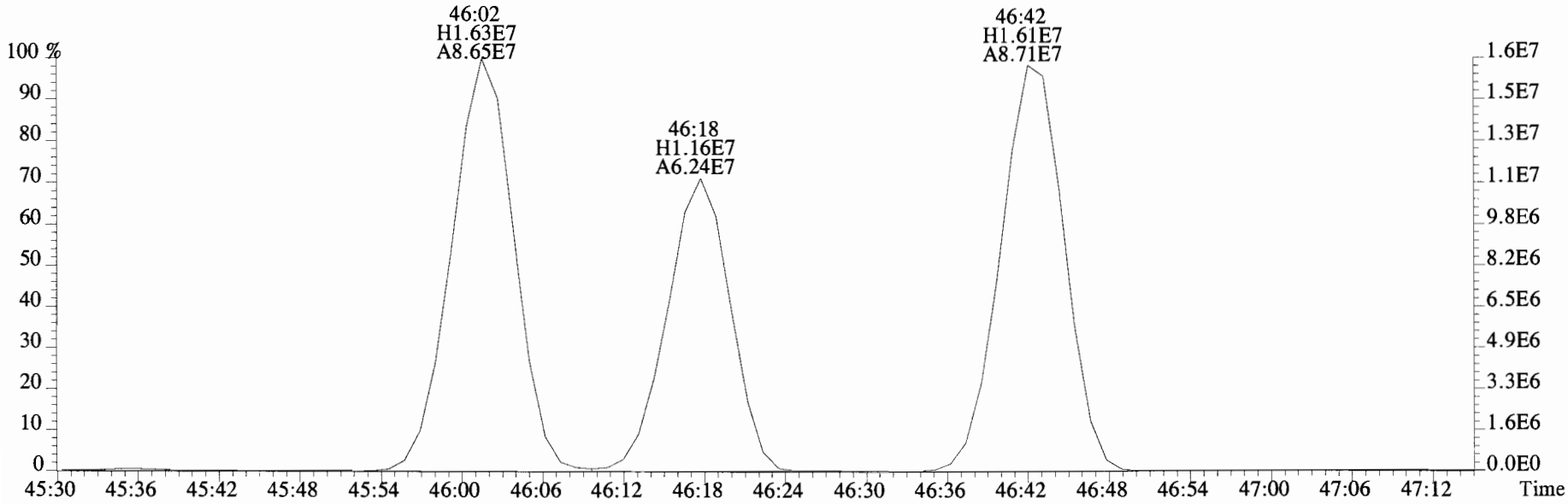
380.9760 F:4



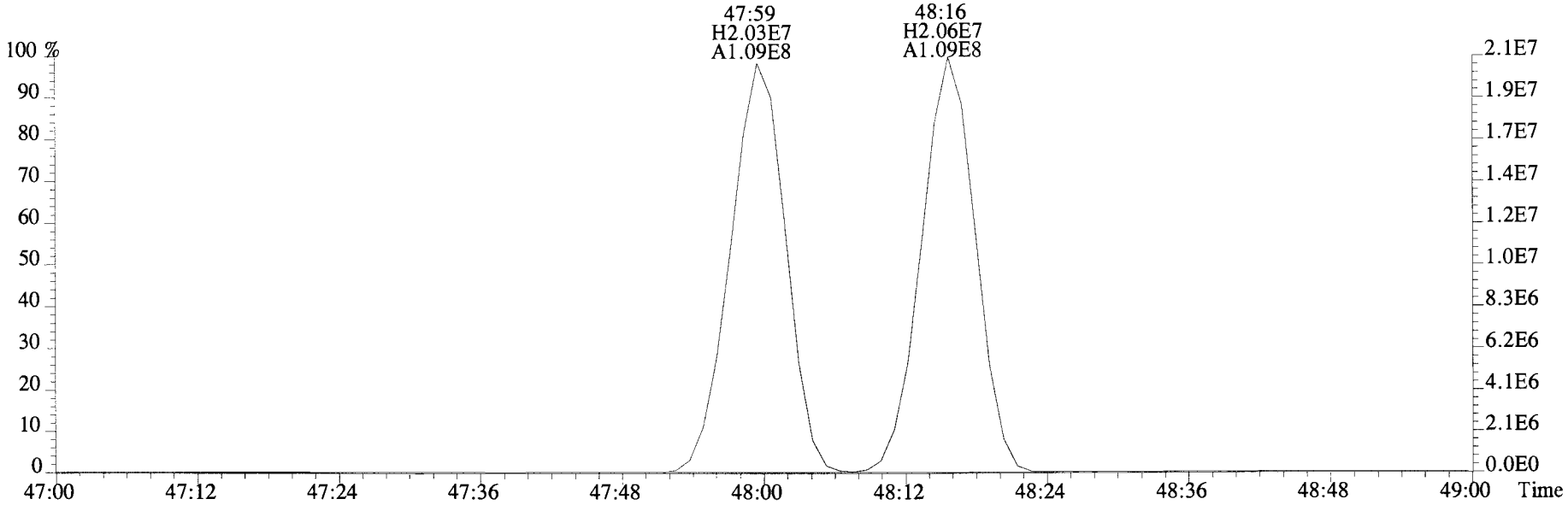
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27000.0,0.00%,F,F)



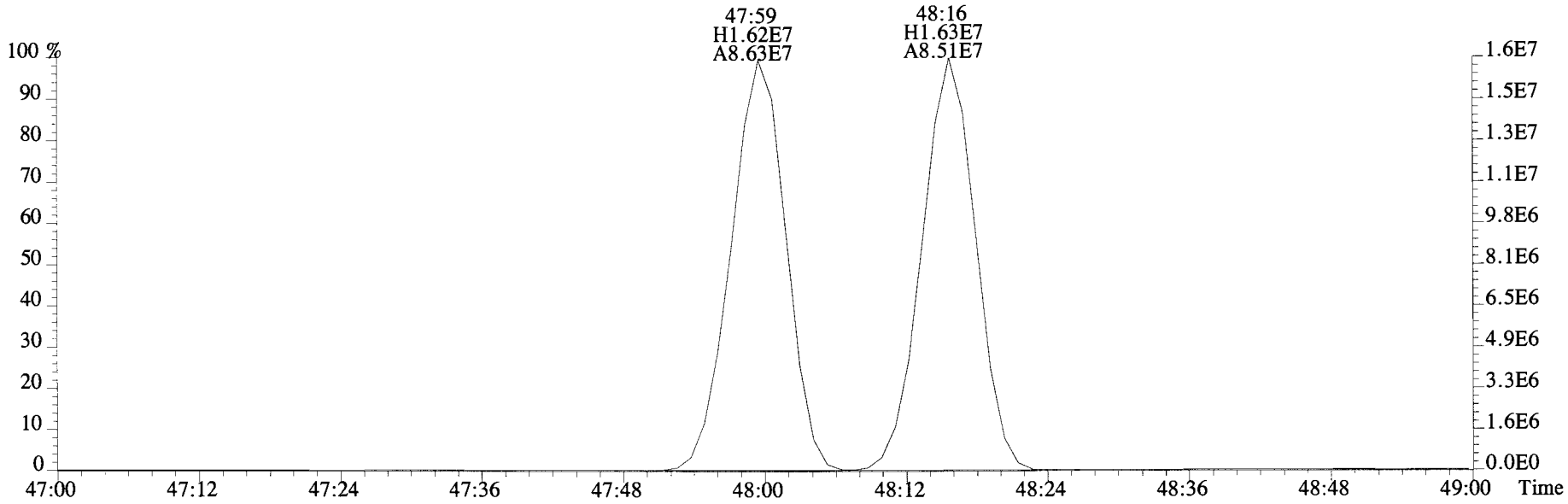
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19336.0,0.00%,F,F)



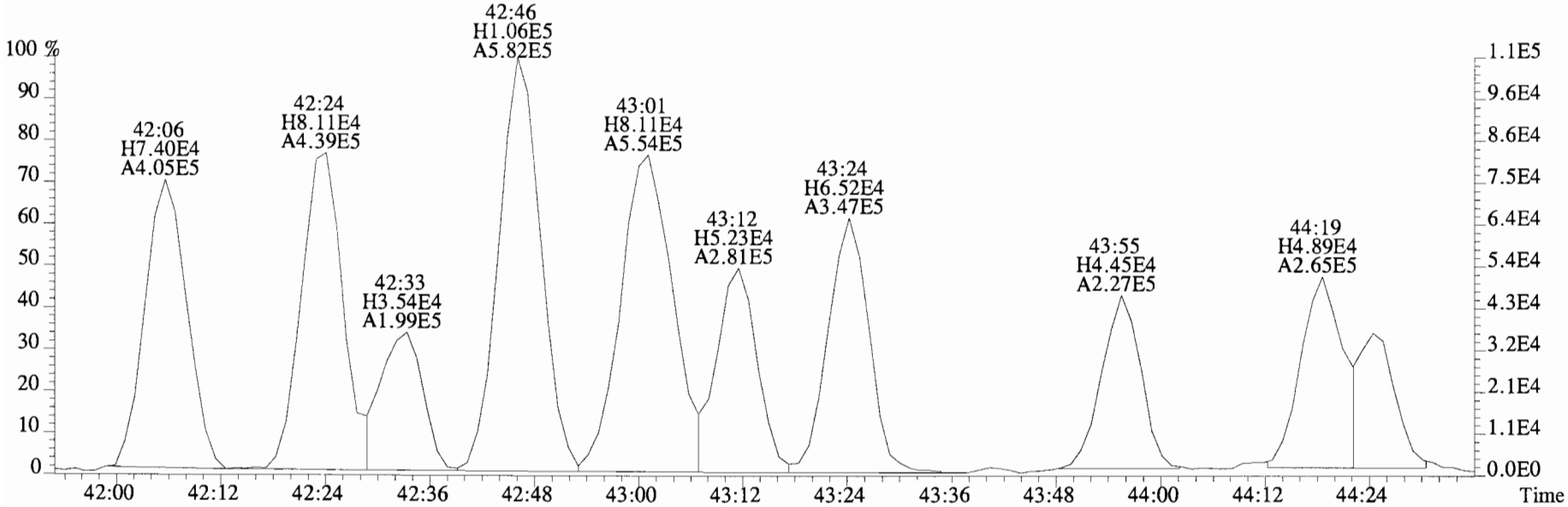
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27000.0,0.00%,F,F)



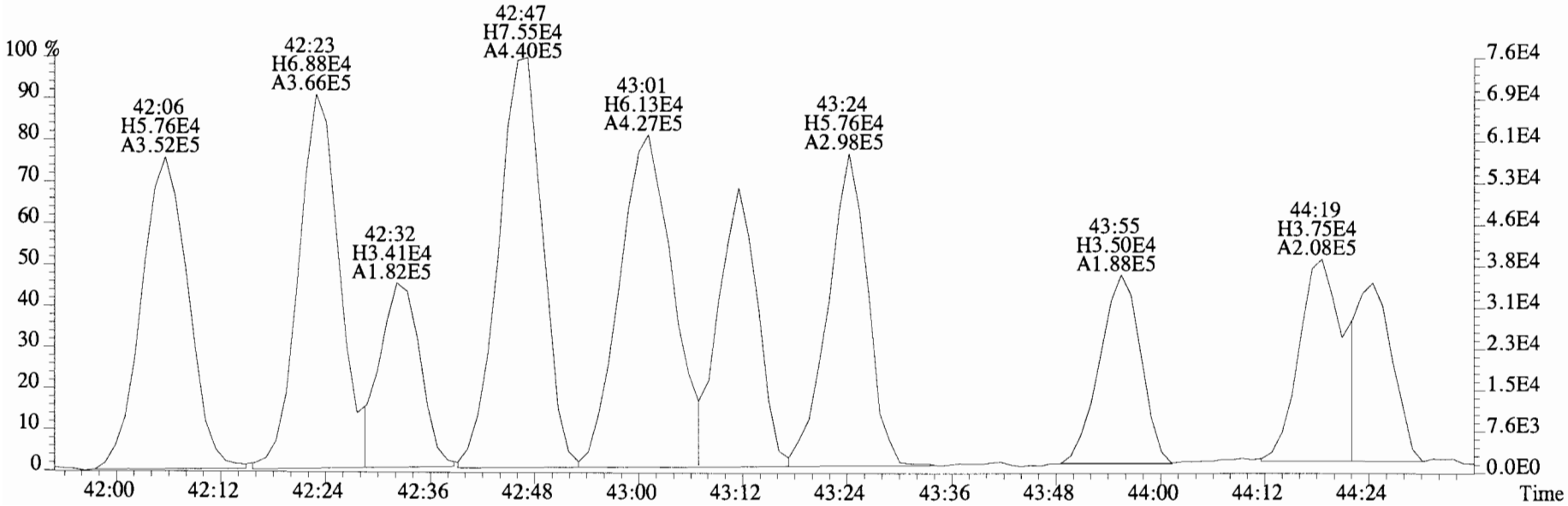
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19336.0,0.00%,F,F)



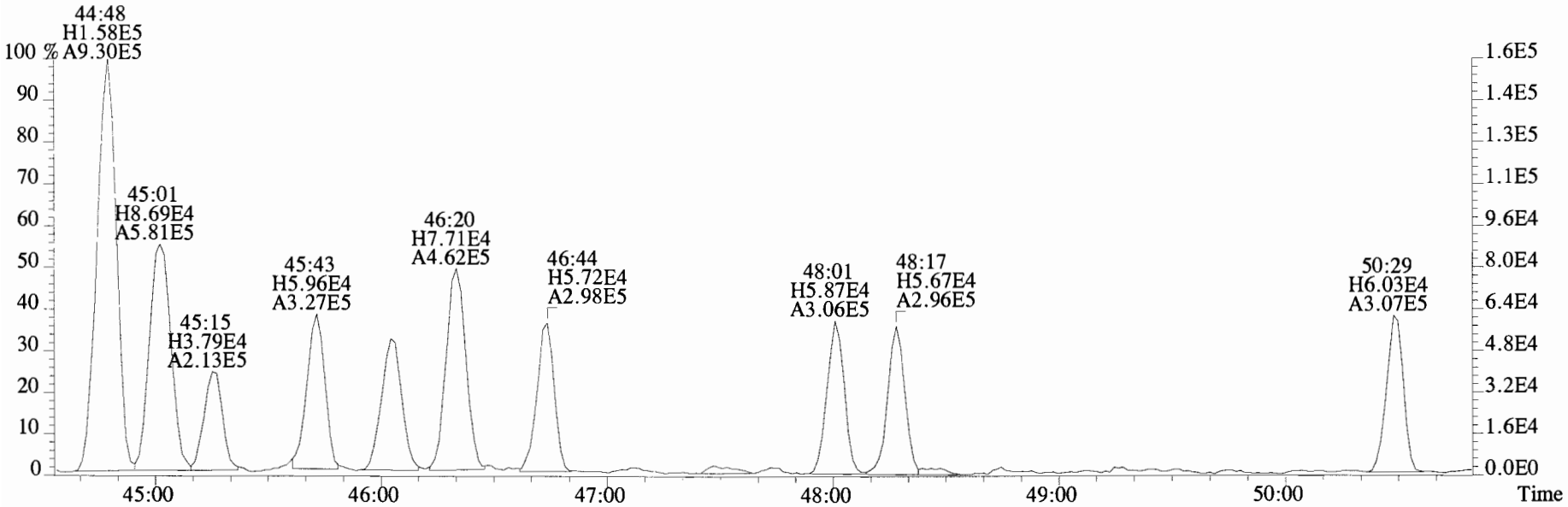
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2156.0,0.00%,F,F)



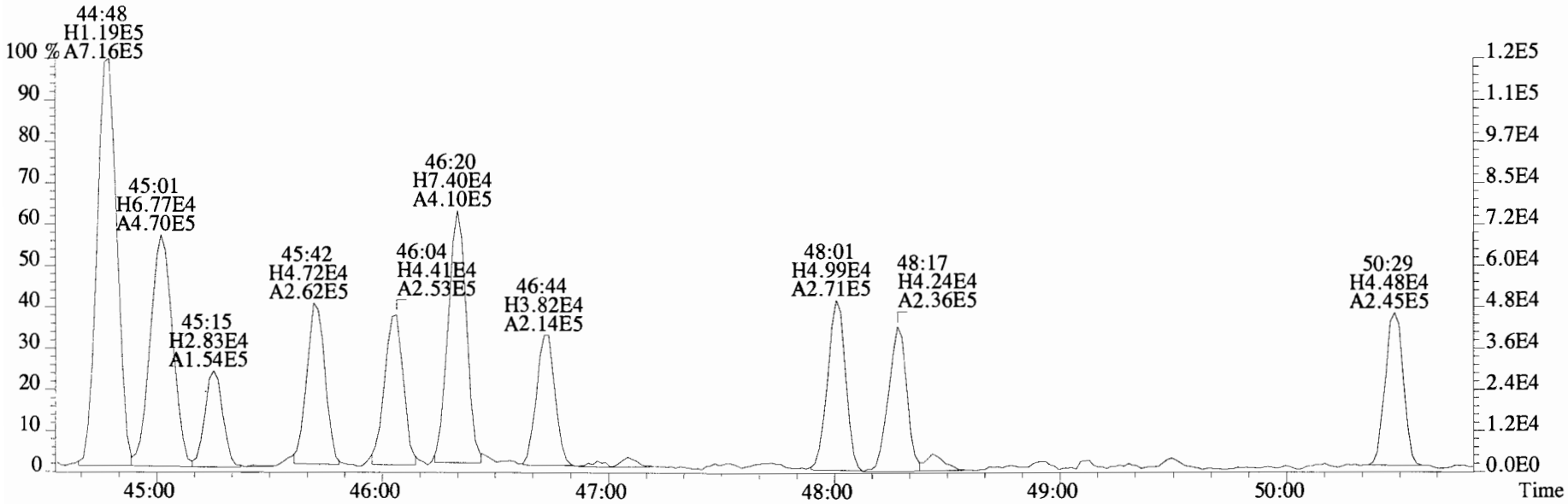
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2408.0,0.00%,F,F)



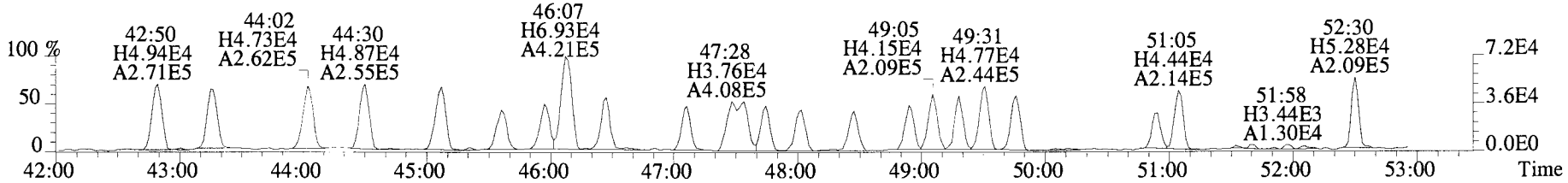
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2156.0,0.00%,F,F)



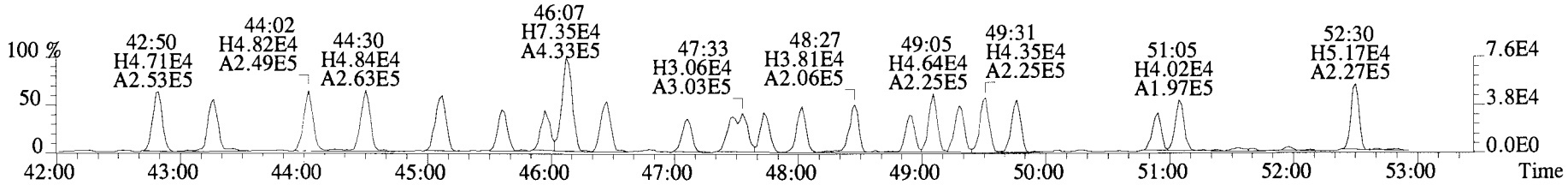
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2408.0,0.00%,F,F)



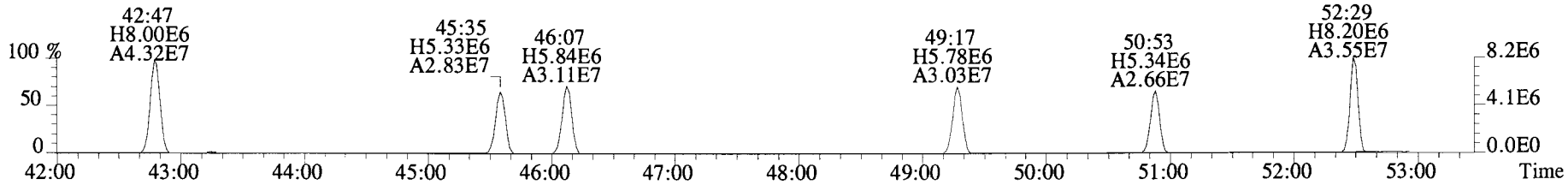
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
393.8025 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2444.0,0.00%,F,F)



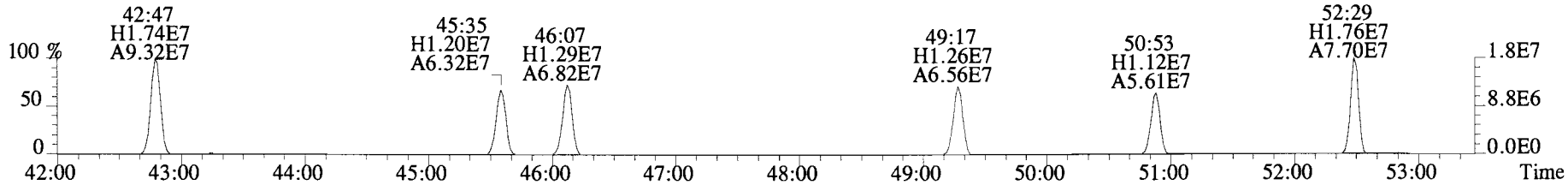
395.7995 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2312.0,0.00%,F,F)



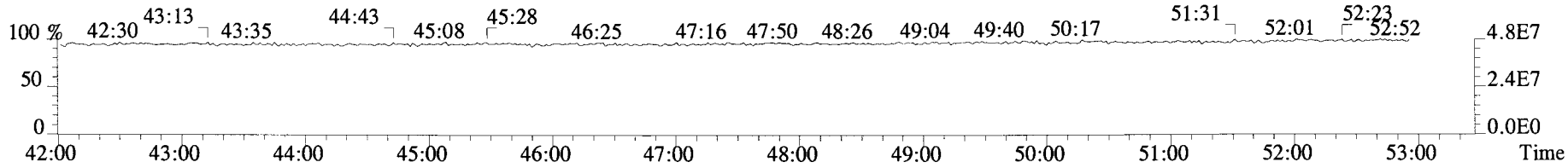
403.8457 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11636.0,0.00%,F,F)



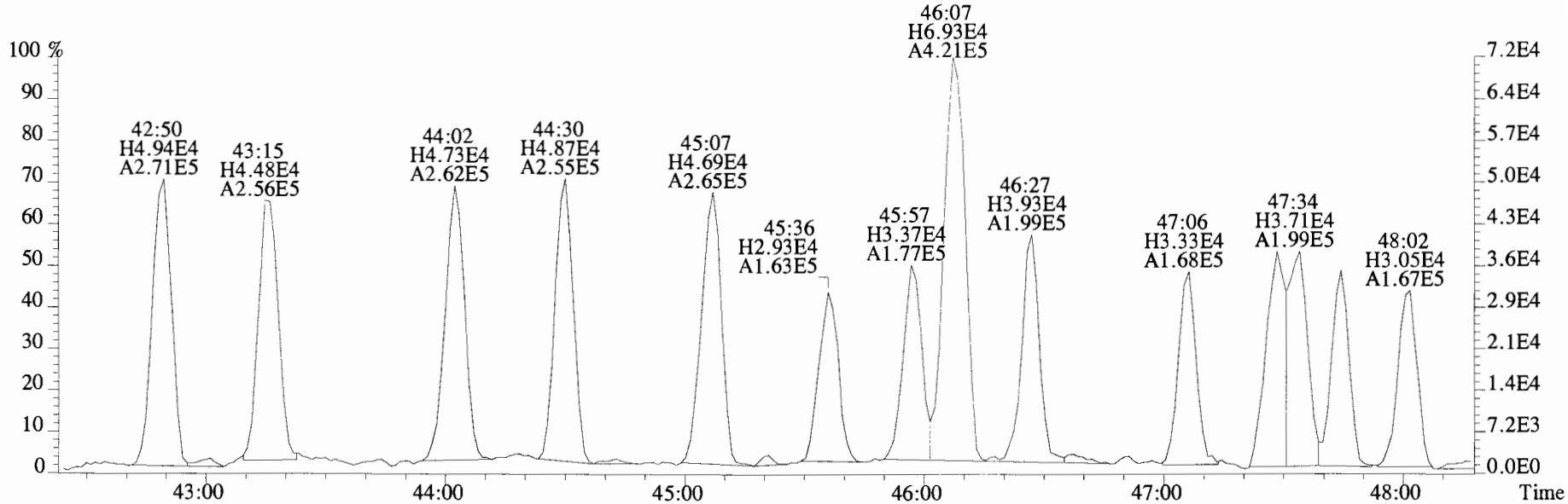
405.8428 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18176.0,0.00%,F,F)



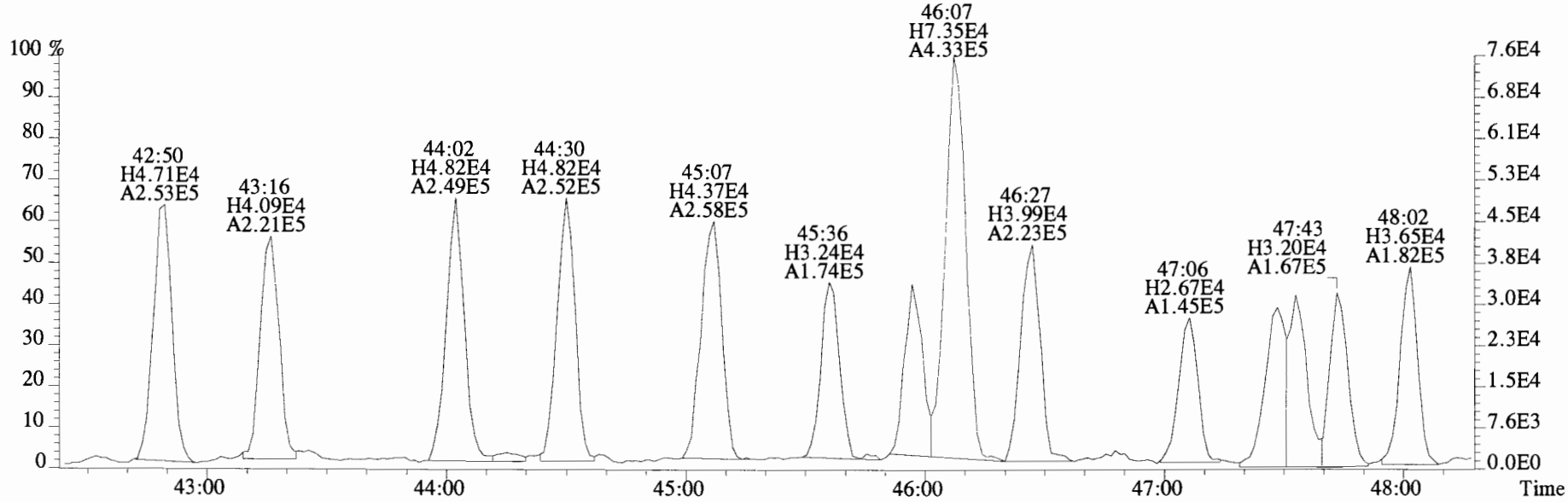
380.9760 F:4



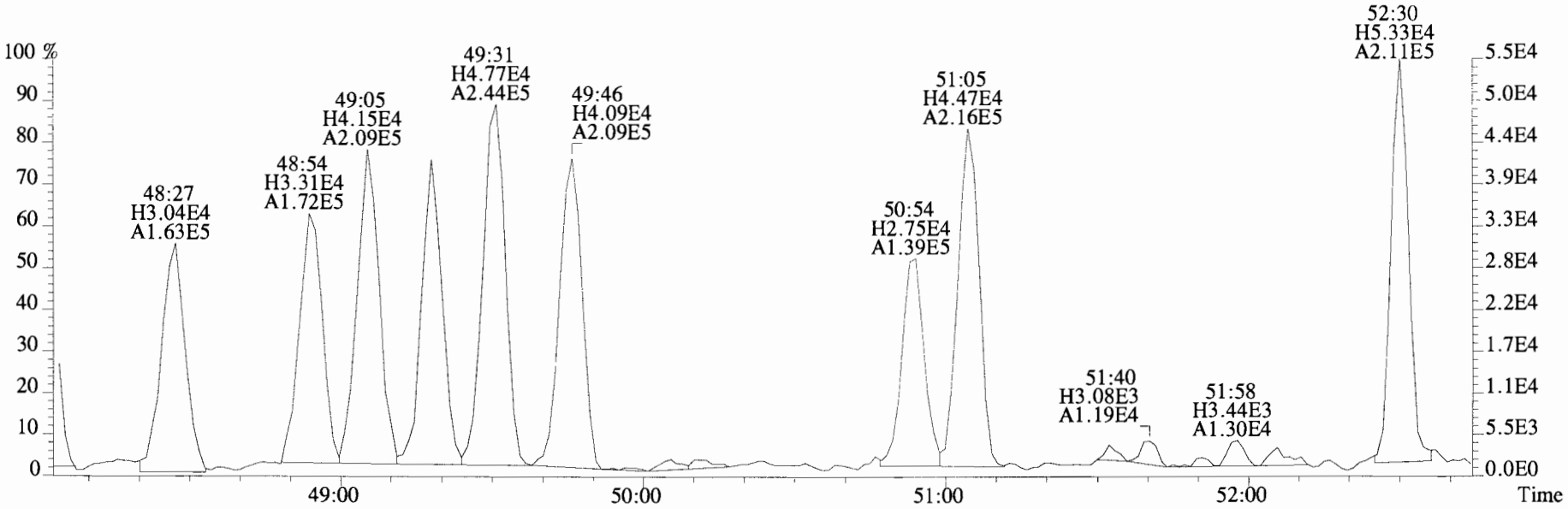
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
393.8025 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2444.0,0.00%,F,F)



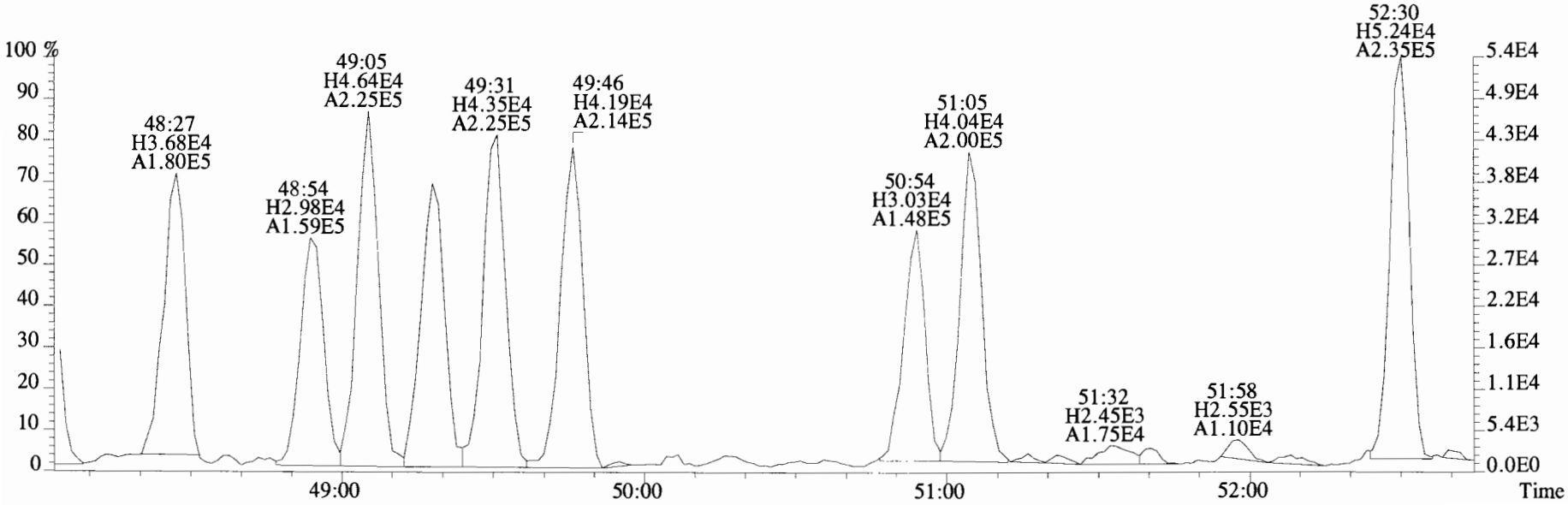
395.7995 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2312.0,0.00%,F,F)



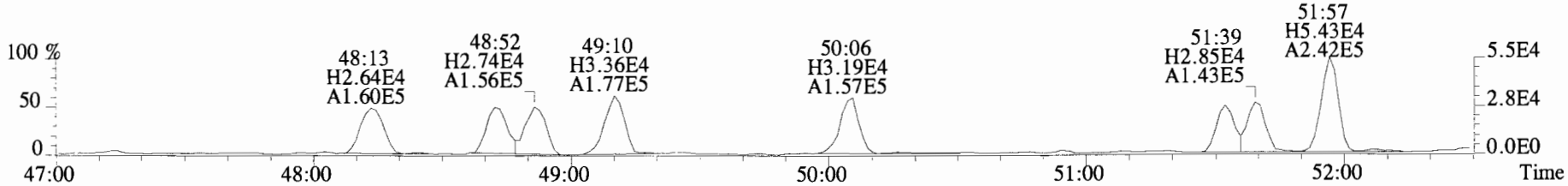
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
393.8025 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2444.0,0.00%,F,F)



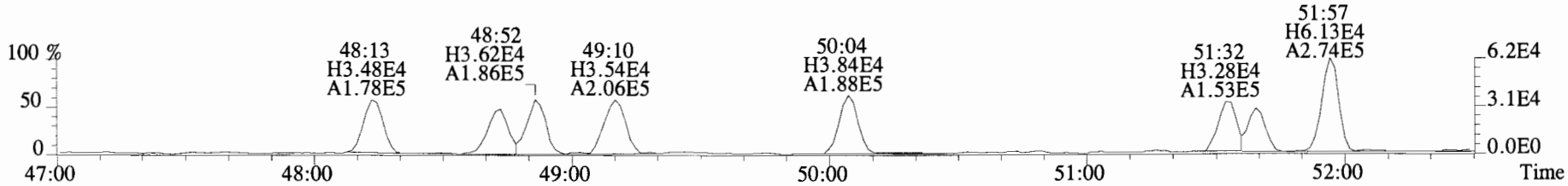
395.7995 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2312.0,0.00%,F,F)



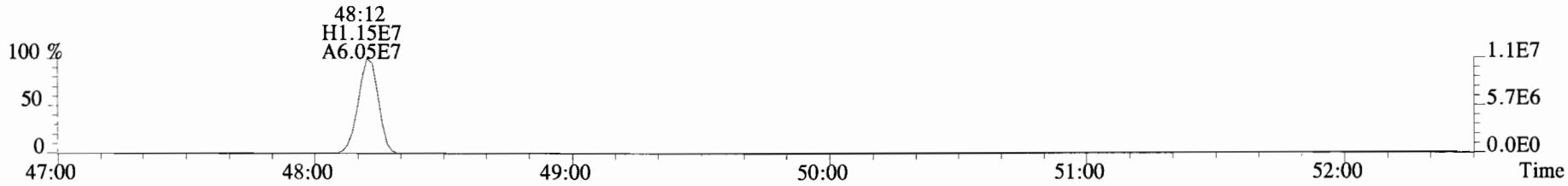
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
427.7635 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1984.0,0.00%,F,F)



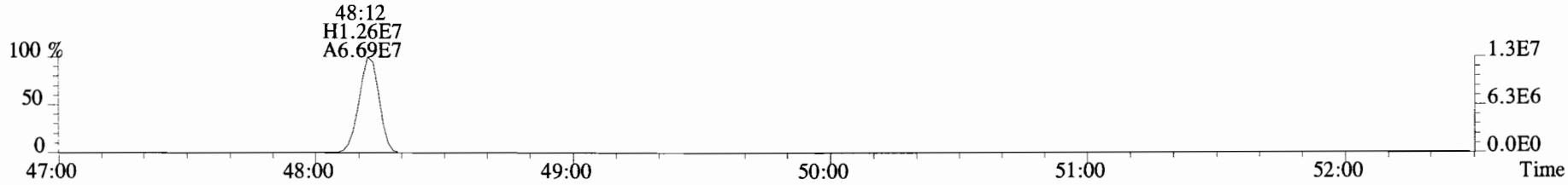
429.7606 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1992.0,0.00%,F,F)



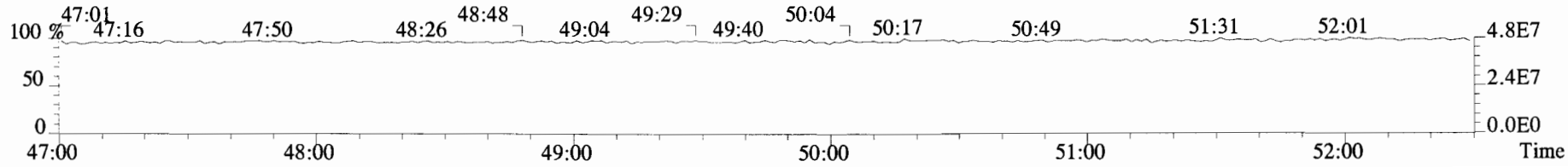
439.8038 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6124.0,0.00%,F,F)



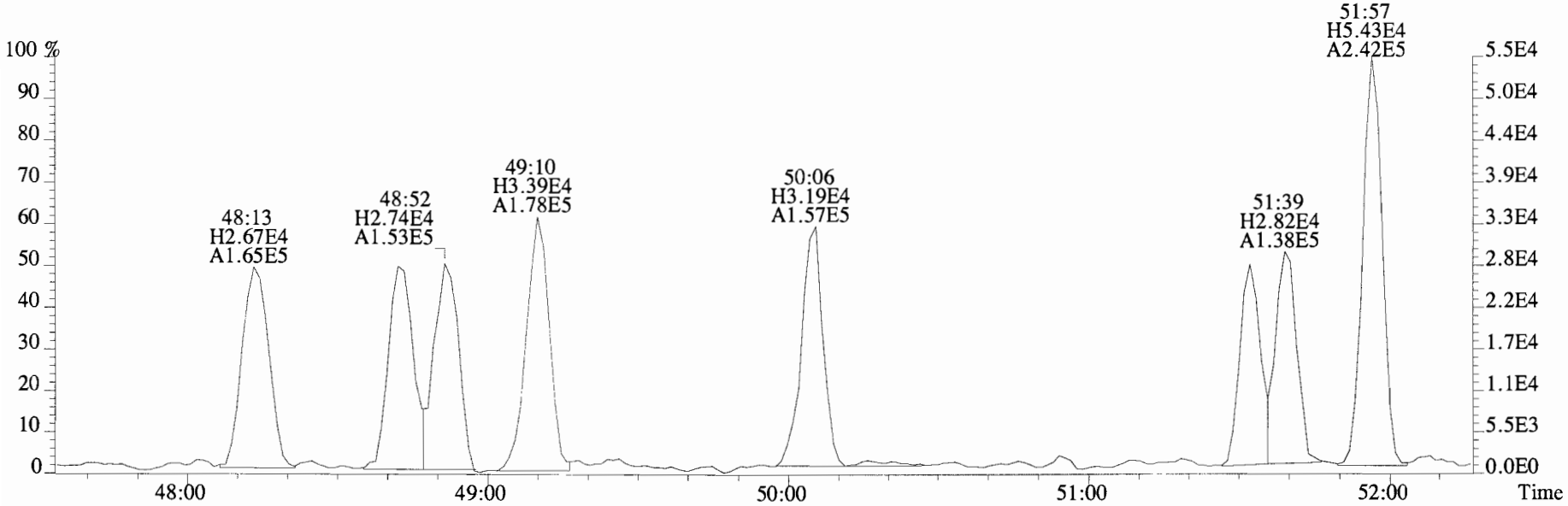
441.8008 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6860.0,0.00%,F,F)



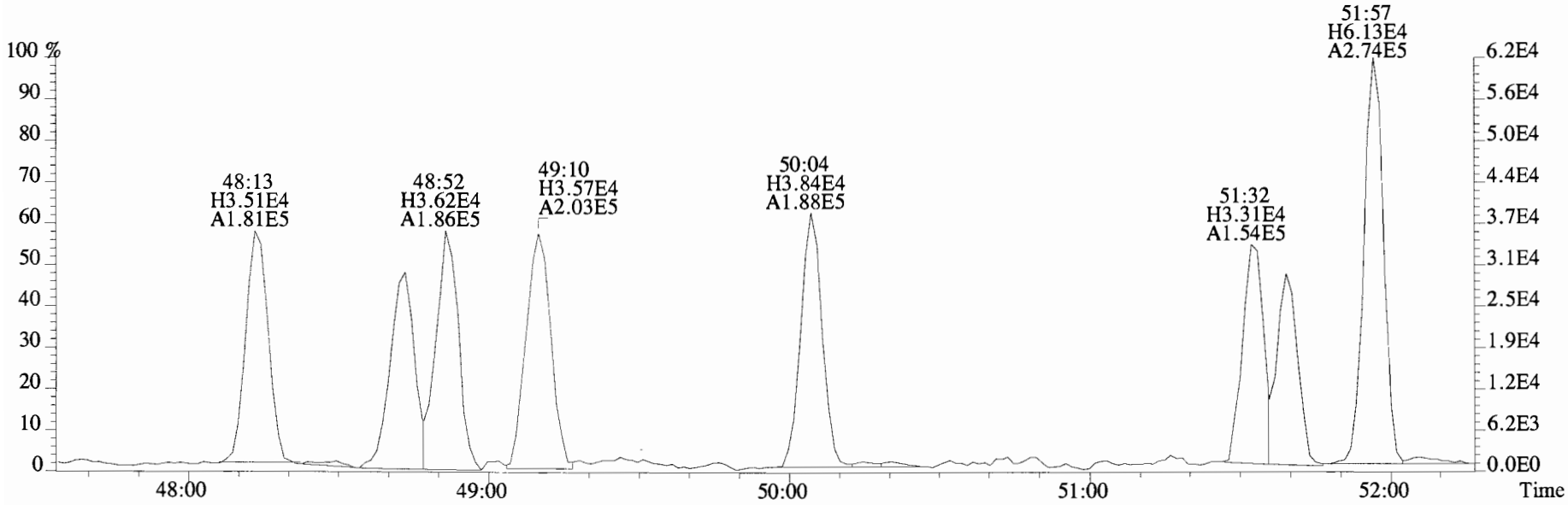
380.9760 F:4



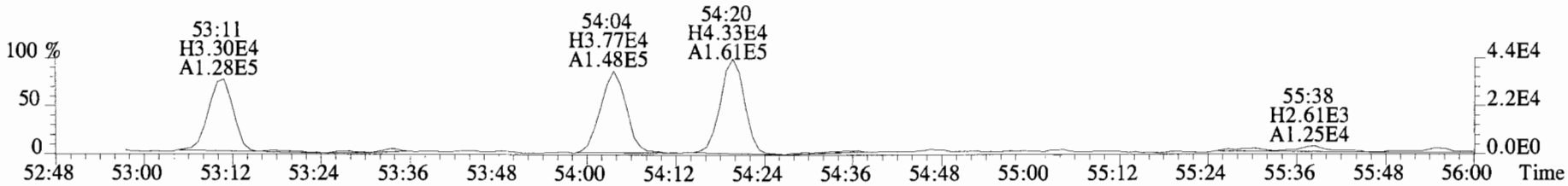
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
427.7635 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1984.0,0.00%,F,F)



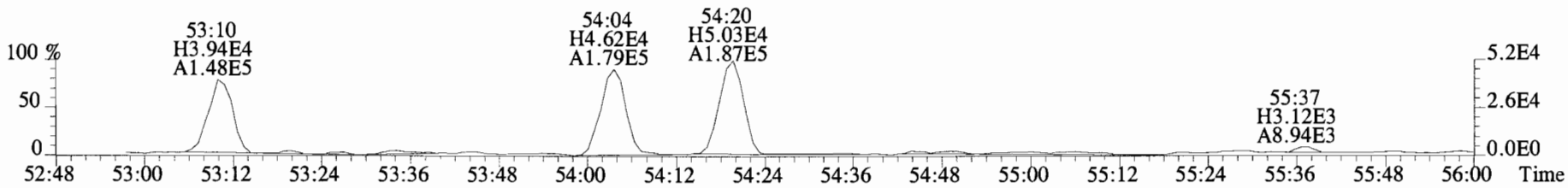
429.7606 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1992.0,0.00%,F,F)



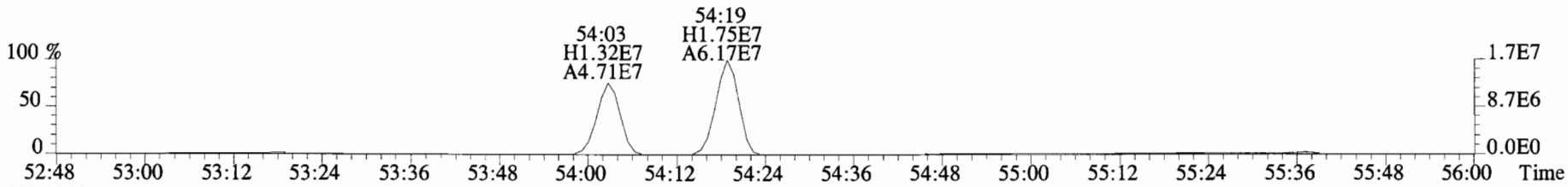
File:180208E1 #1-407 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
427.7635 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1552.0,0.00%,F,F)



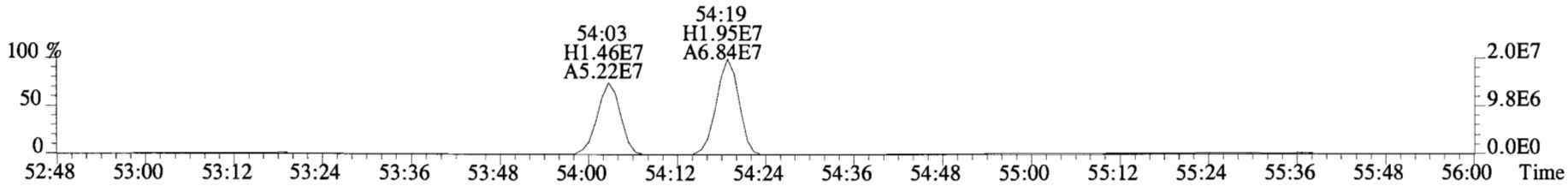
429.7606 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1780.0,0.00%,F,F)



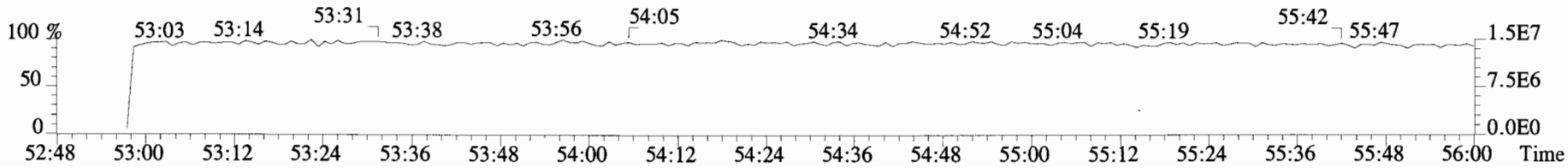
439.8038 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9204.0,0.00%,F,F)



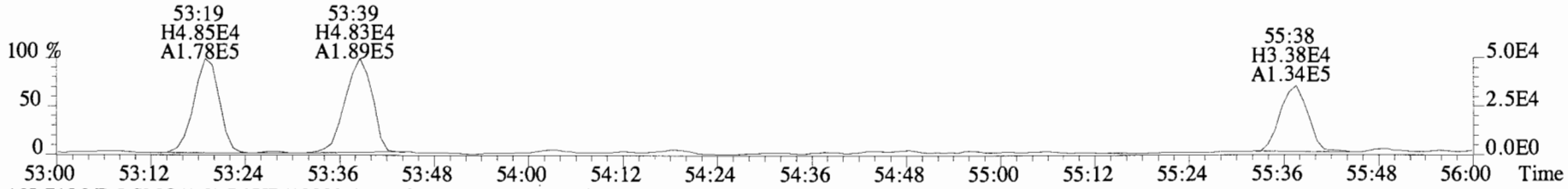
441.8008 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13472.0,0.00%,F,F)



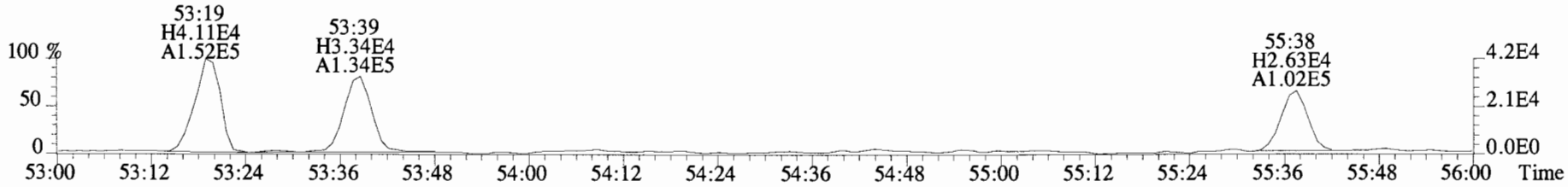
492.9697 F:5



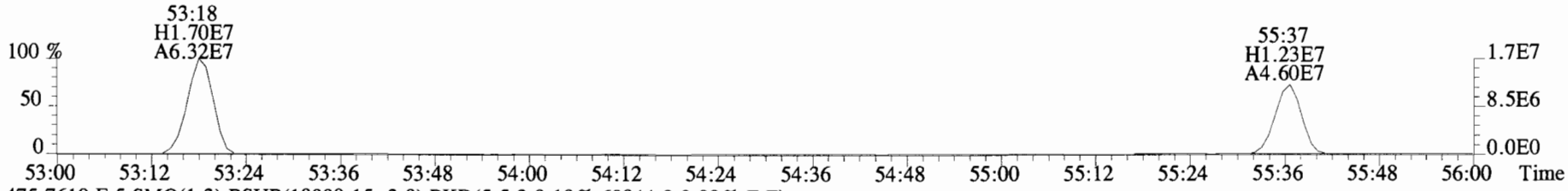
File:180208E1 #1-407 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
463.7216 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1728.0,0.00%,F,F)



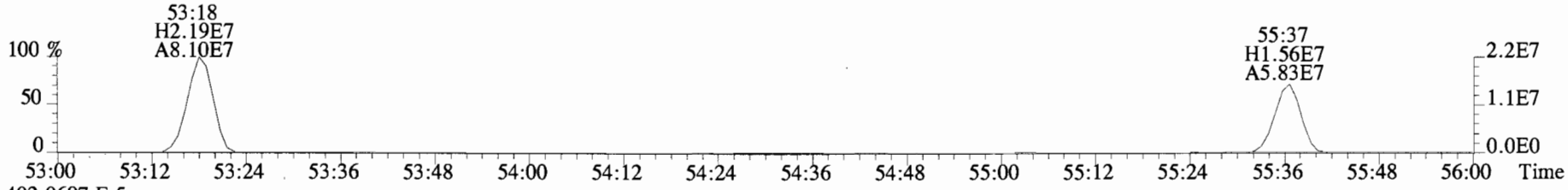
465.7186 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1520.0,0.00%,F,F)



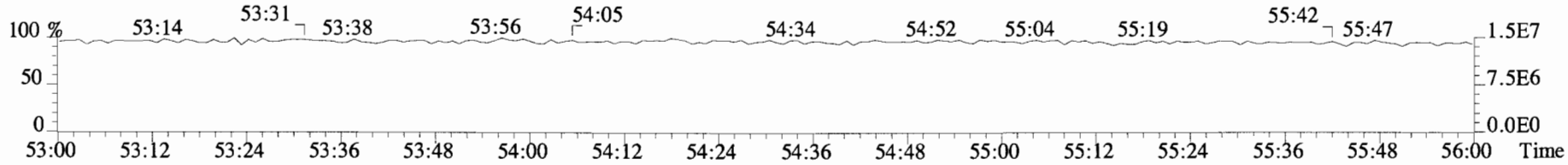
473.7648 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,60792.0,0.00%,F,F)



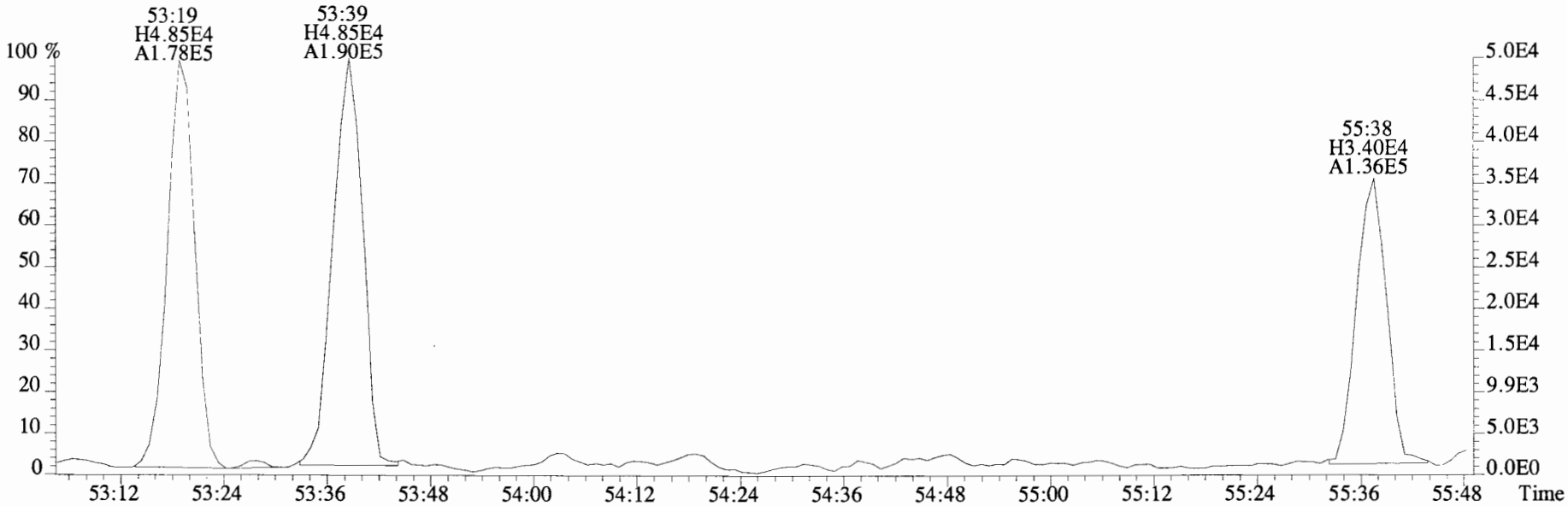
475.7619 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,69044.0,0.00%,F,F)



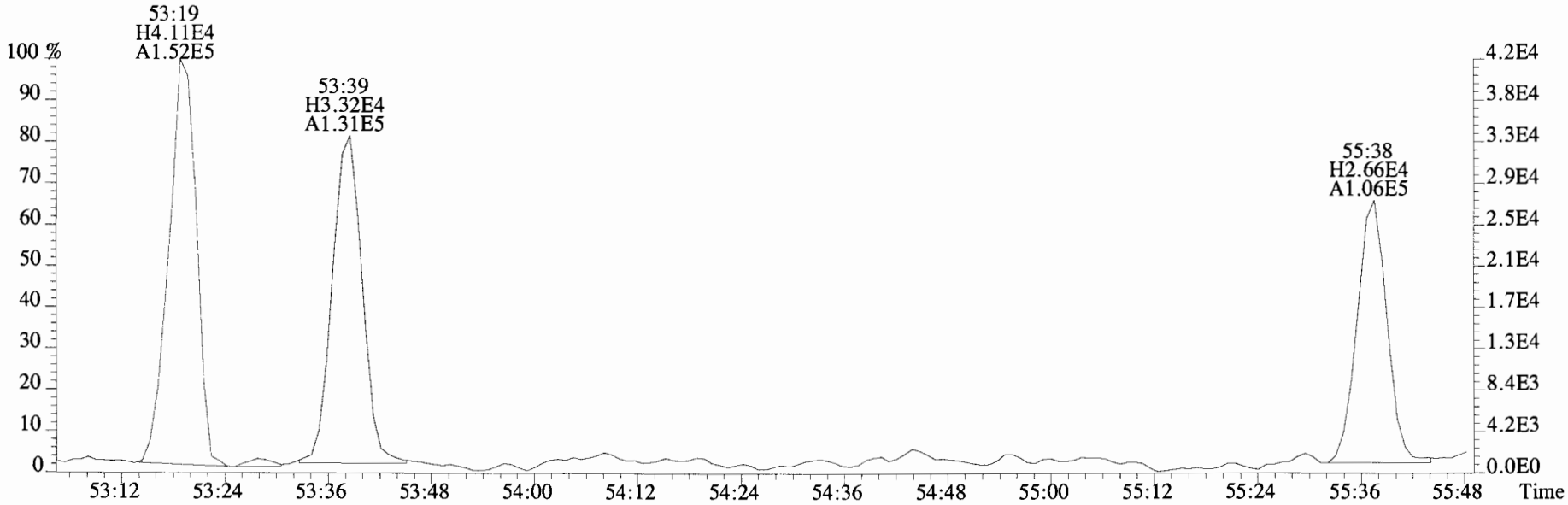
492.9697 F:5



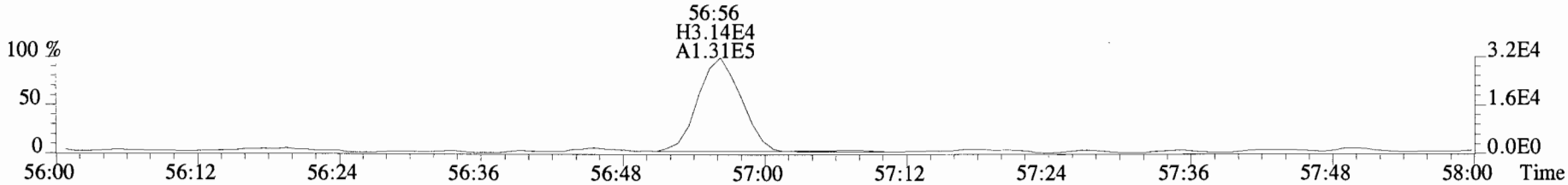
File:180208E1 #1-407 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
463.7216 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1728.0,0.00%,F,F)



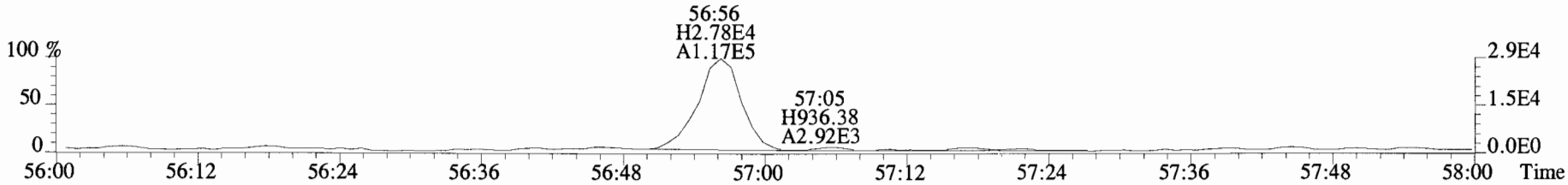
465.7186 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1520.0,0.00%,F,F)



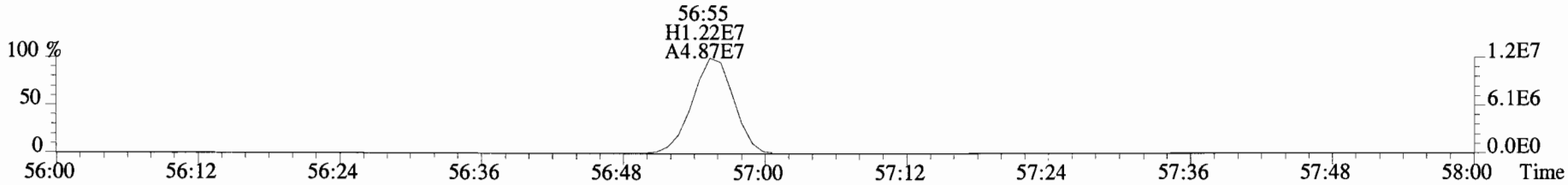
File:180208E1 #1-407 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
497.6826 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1412.0,0.00%,F,F)



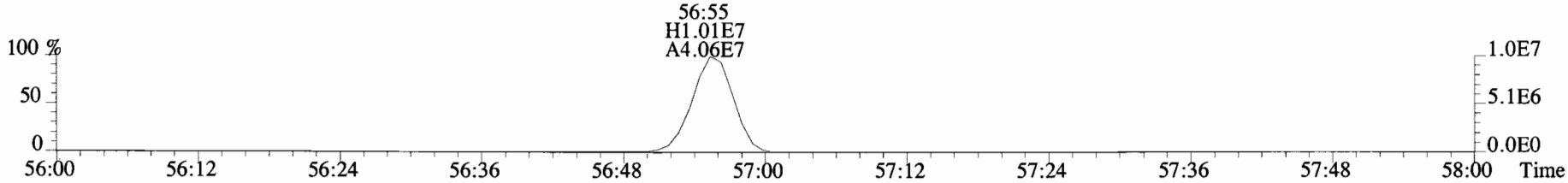
499.6797 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1700.0,0.00%,F,F)



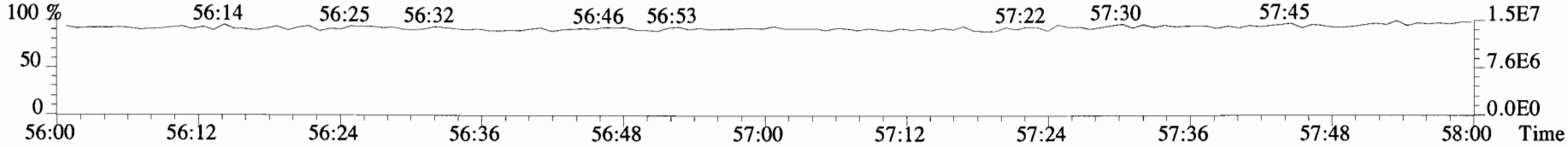
509.7229 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1680.0,0.00%,F,F)



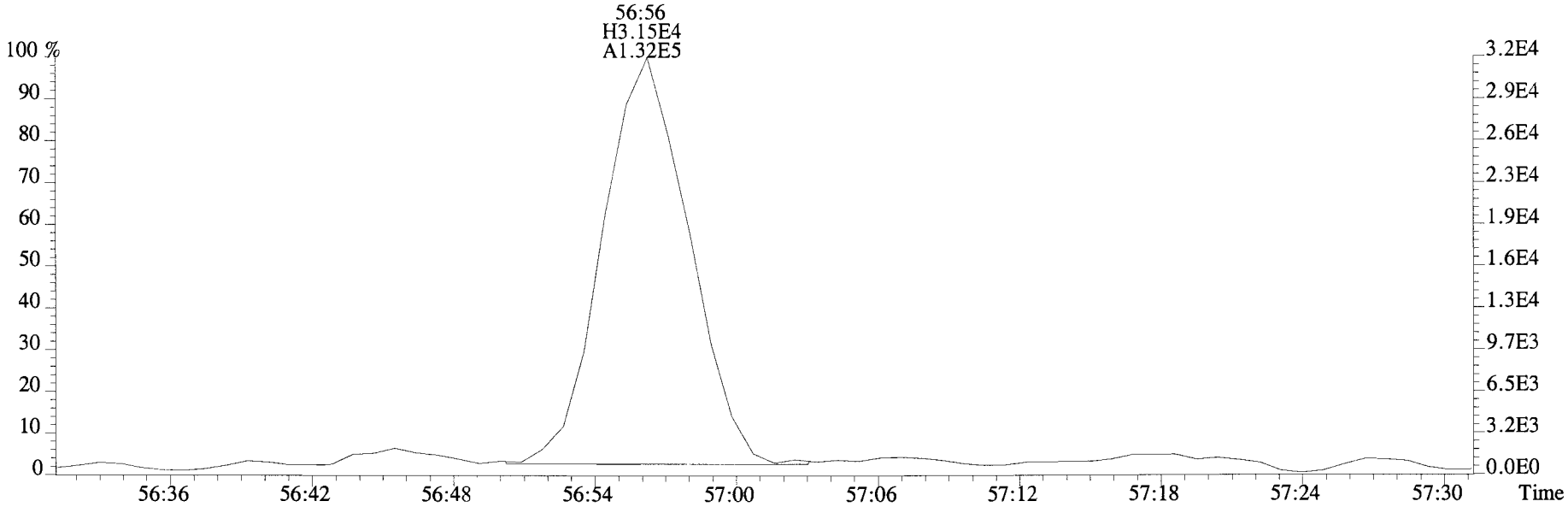
511.7199 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1572.0,0.00%,F,F)



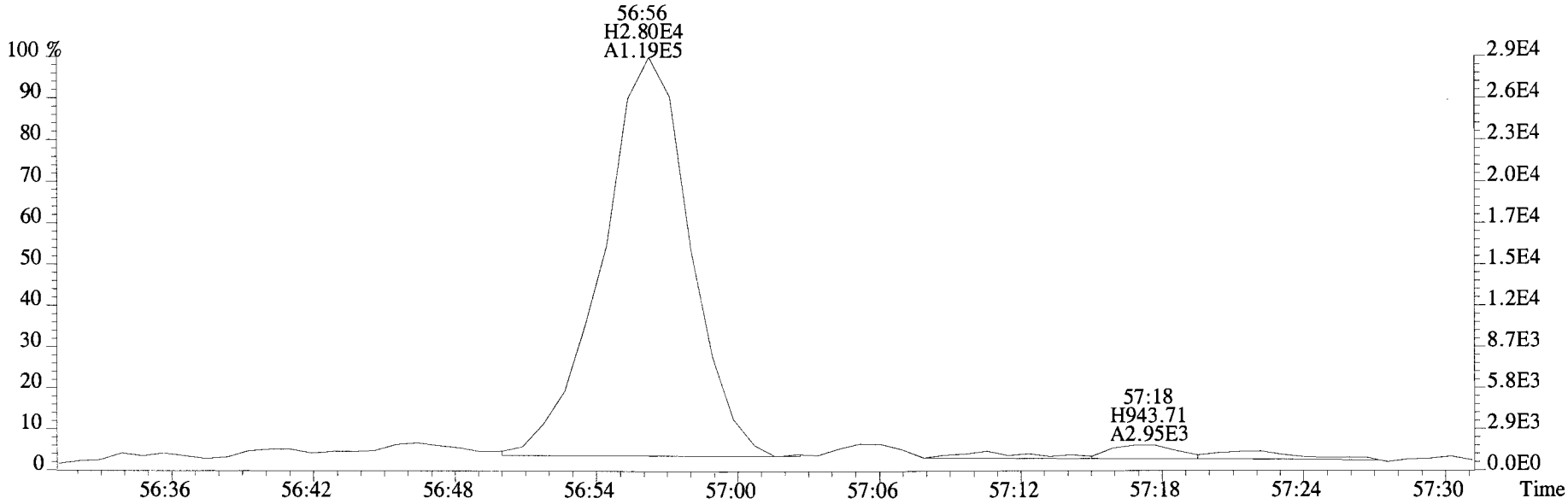
492.9697 F:5



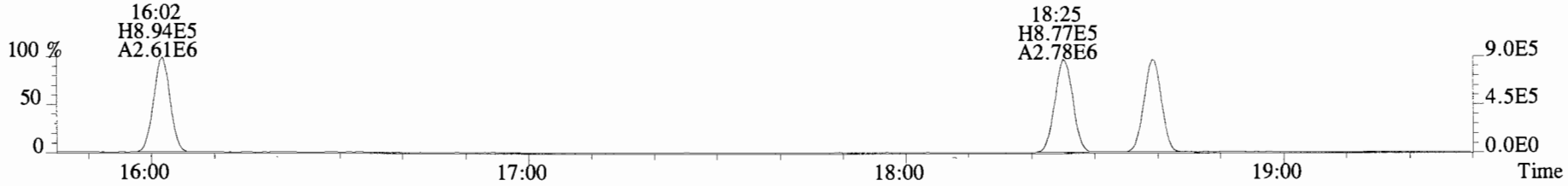
File:180208E1 #1-407 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
497.6826 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1412.0,0.00%,F,F)



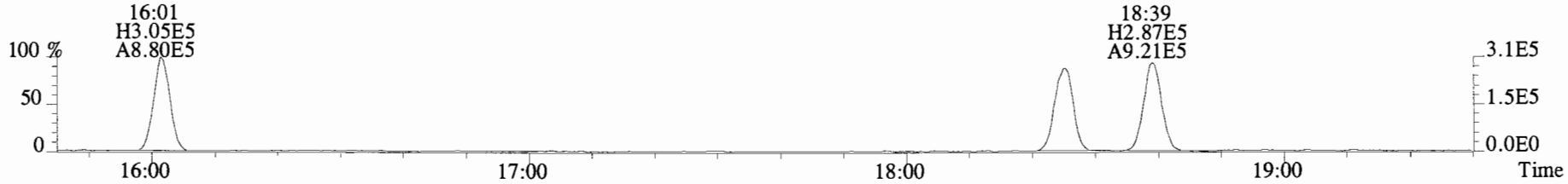
499.6797 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1700.0,0.00%,F,F)



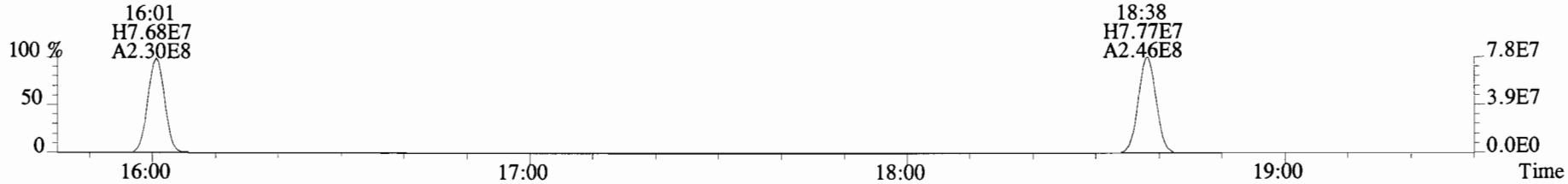
File:180208E1 #1-866 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
188.0393 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9444.0,0.00%,F,F)



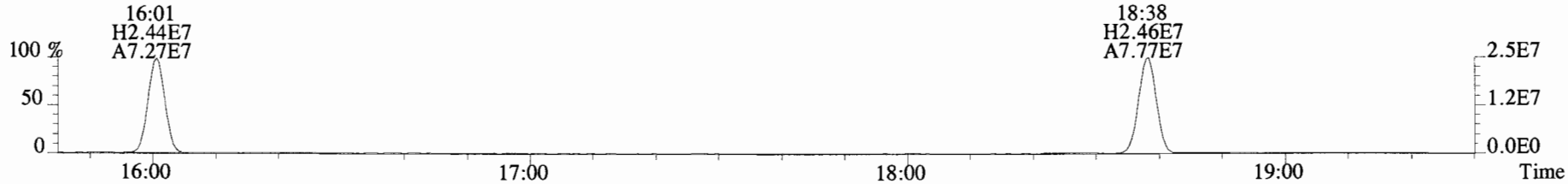
190.0363 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5396.0,0.00%,F,F)



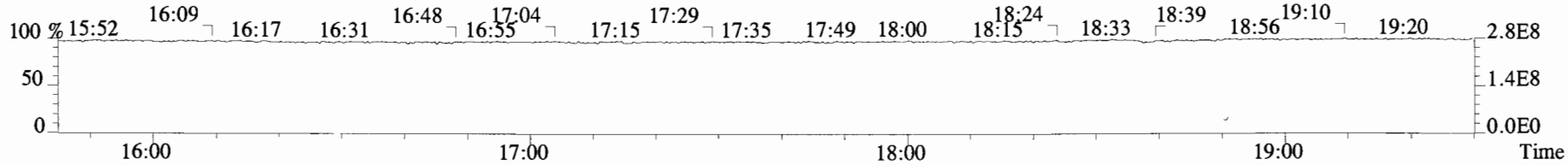
200.0795 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8352.0,0.00%,F,F)



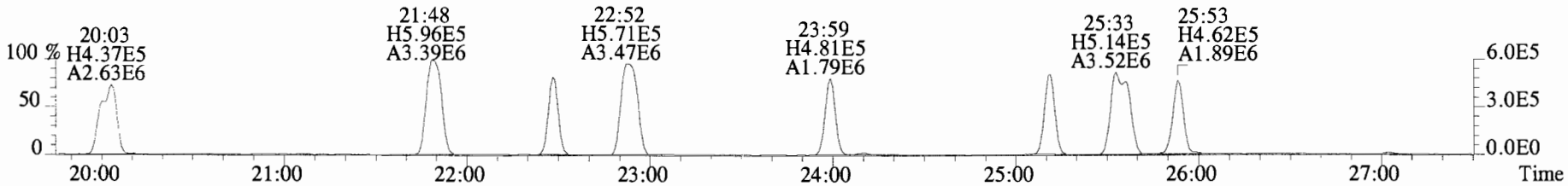
202.0766 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,98792.0,0.00%,F,F)



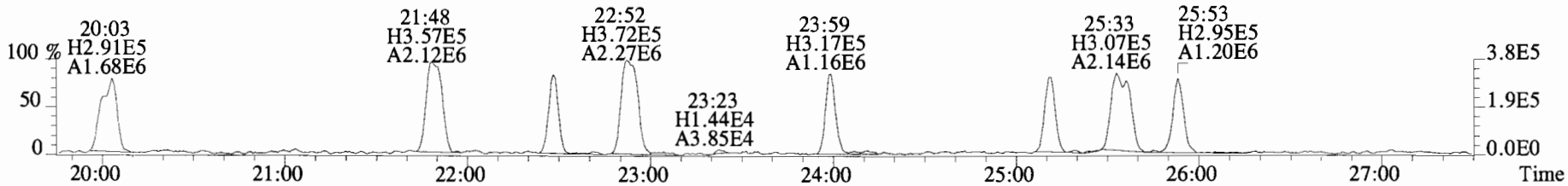
180.9880 S:2



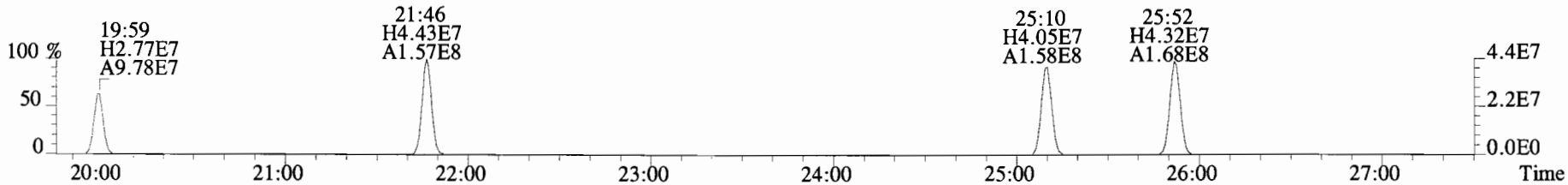
File:180208E1 #1-757 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
222.0003 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3252.0,0.00%,F,F)



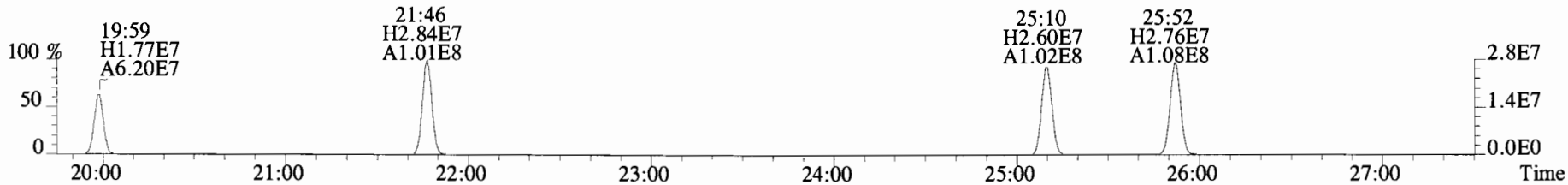
223.9974 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14612.0,0.00%,F,F)



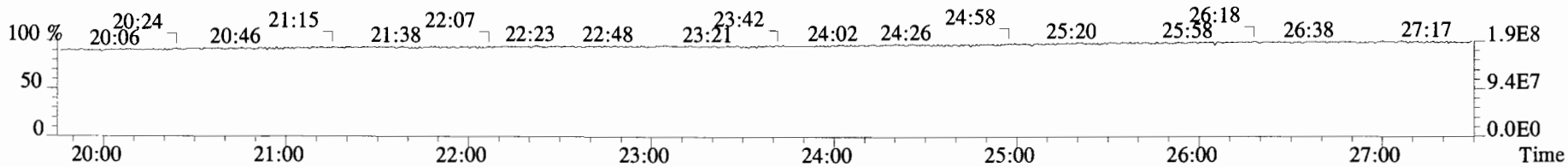
234.0406 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5004.0,0.00%,F,F)



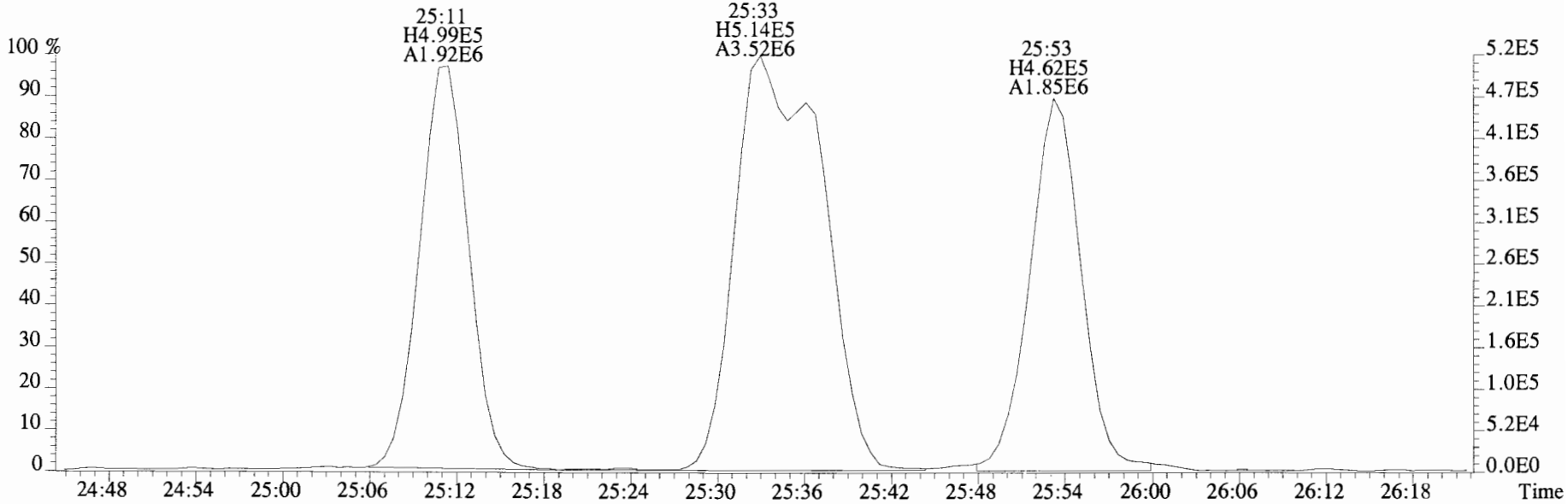
236.0376 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4752.0,0.00%,F,F)



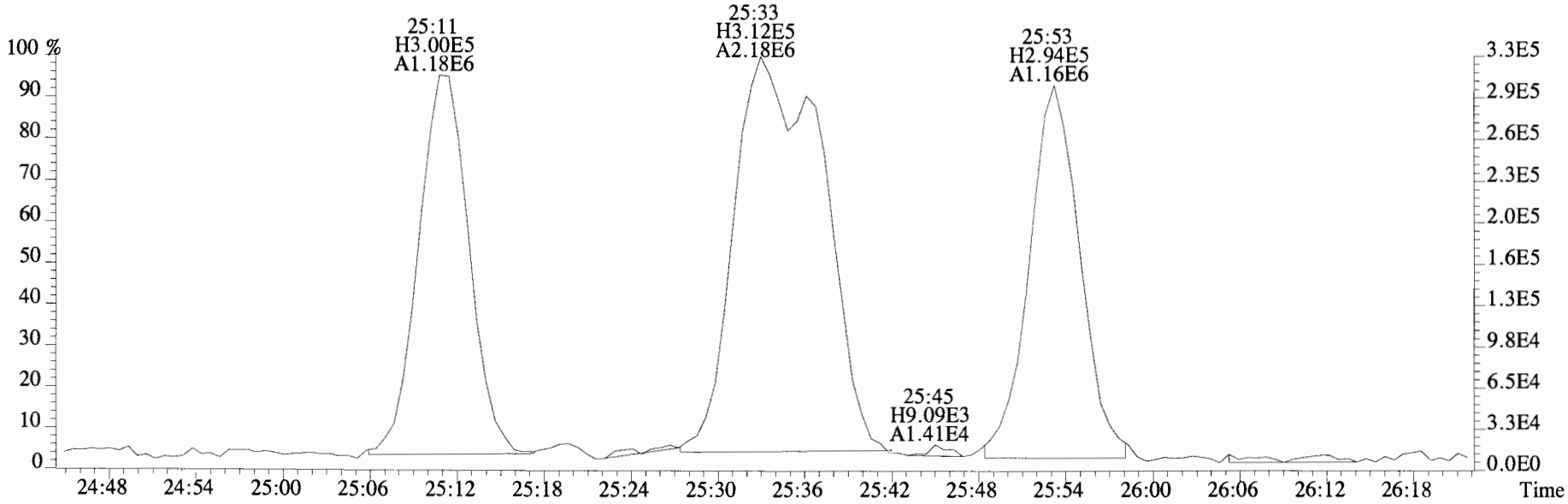
230.9856 S:2 F:2



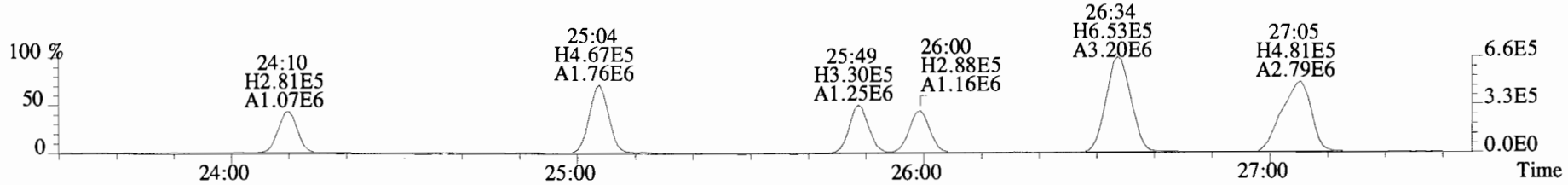
File:180208E1 #1-757 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
222.0003 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3252.0,0.00%,F,F)



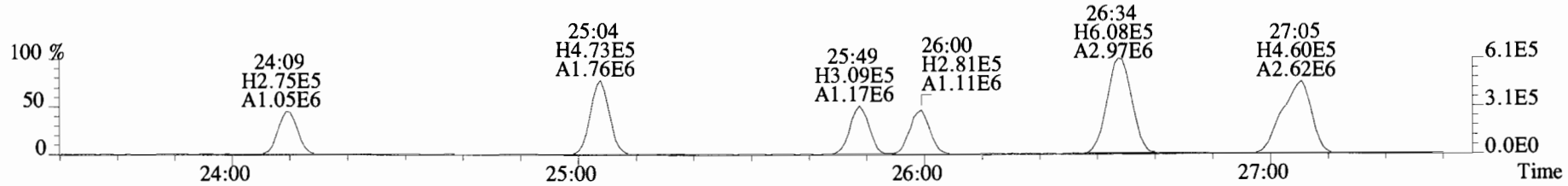
223.9974 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14612.0,0.00%,F,F)



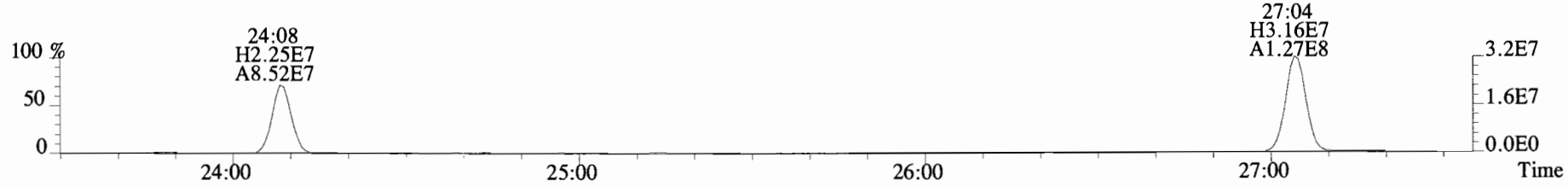
File:180208E1 #1-757 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
255.9613 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4452.0,0.00%,F,F)



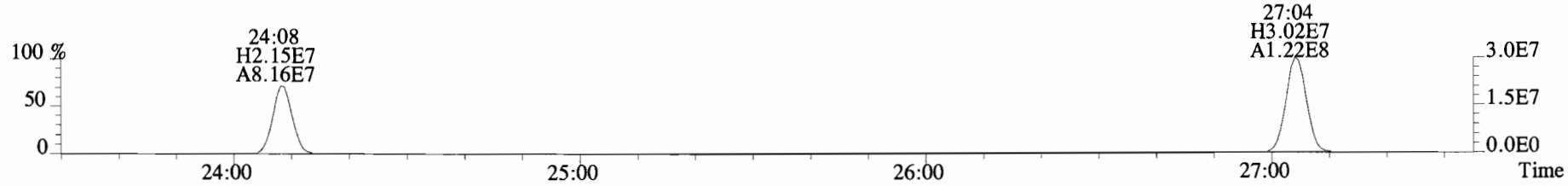
257.9584 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2916.0,0.00%,F,F)



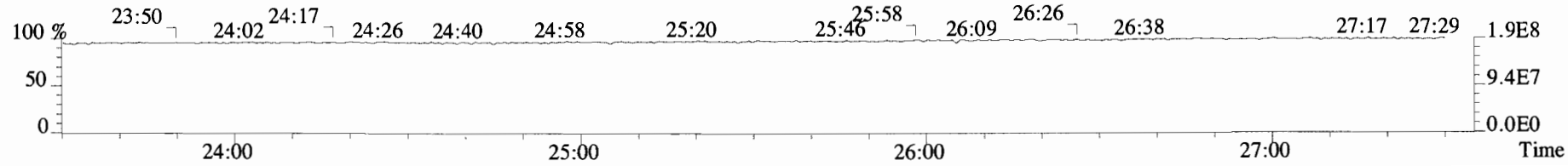
268.0016 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,87396.0,0.00%,F,F)



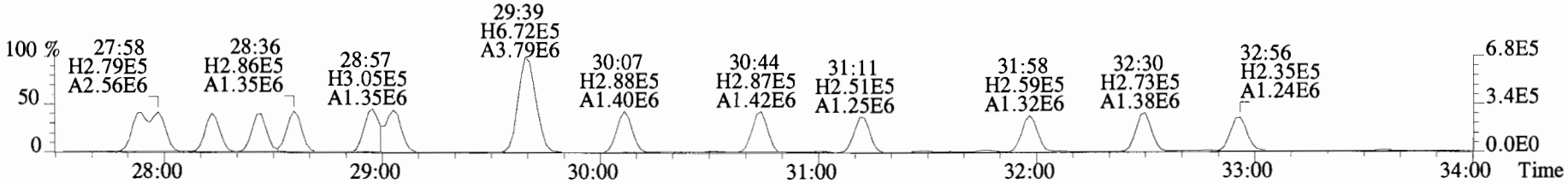
269.9986 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,40132.0,0.00%,F,F)



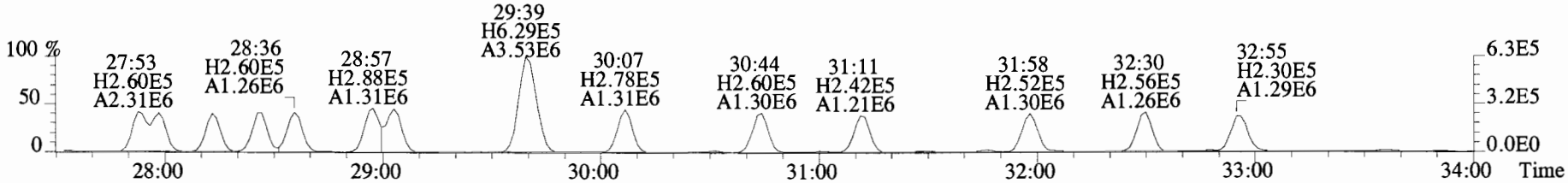
230.9856 S:2 F:2



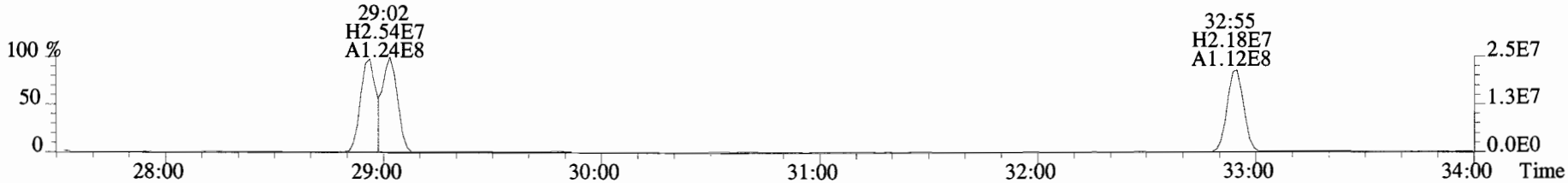
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
255.9613 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4016.0,0.00%,F,F)



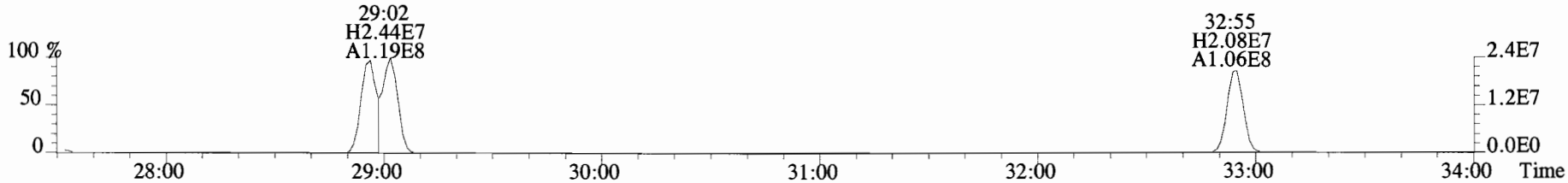
257.9584 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3072.0,0.00%,F,F)



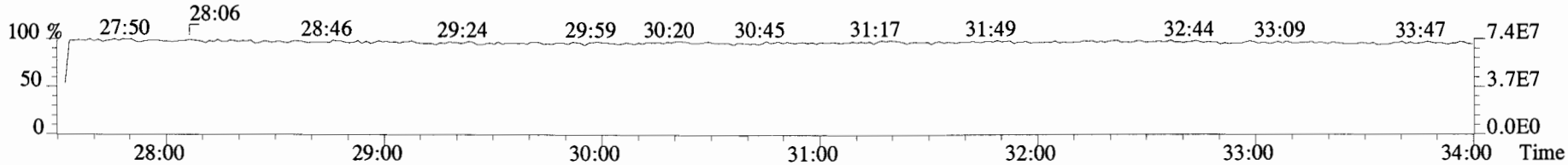
268.0016 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,94516.0,0.00%,F,F)



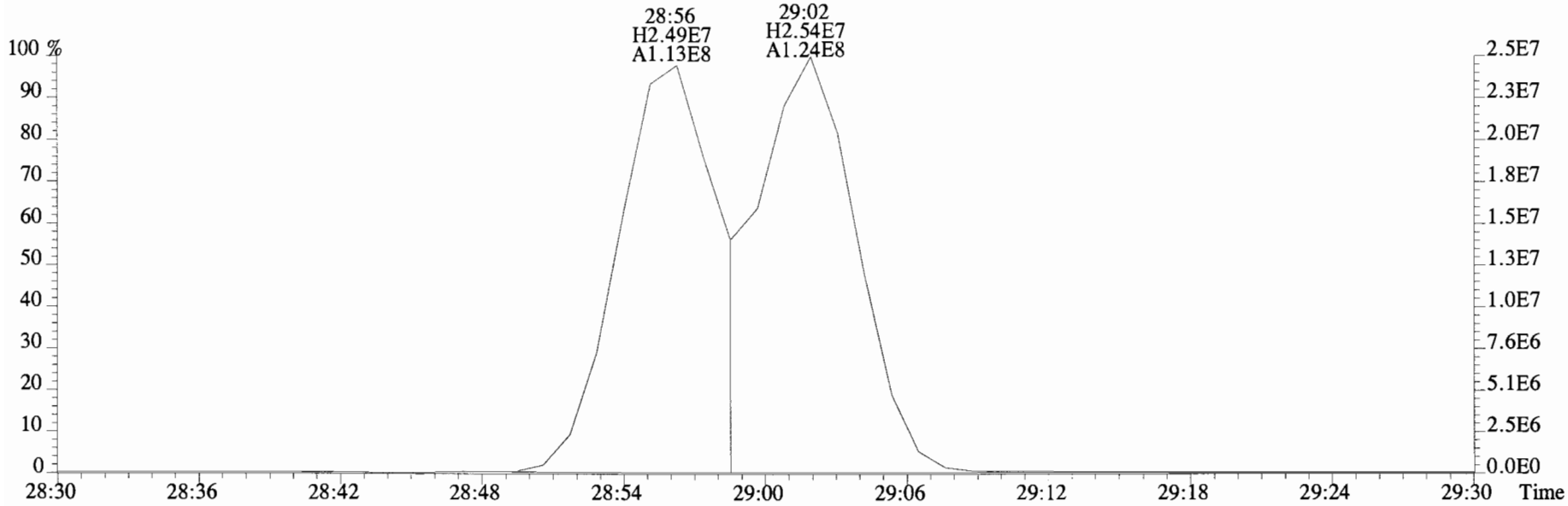
269.9986 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25944.0,0.00%,F,F)



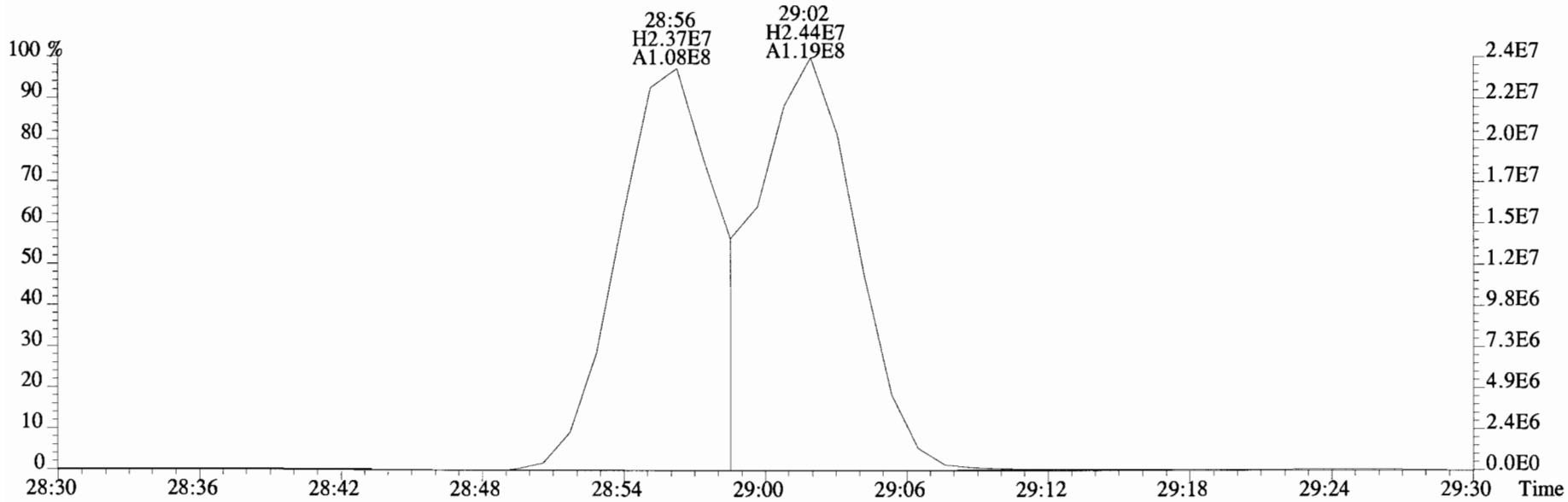
330.9792 S:2 F:3



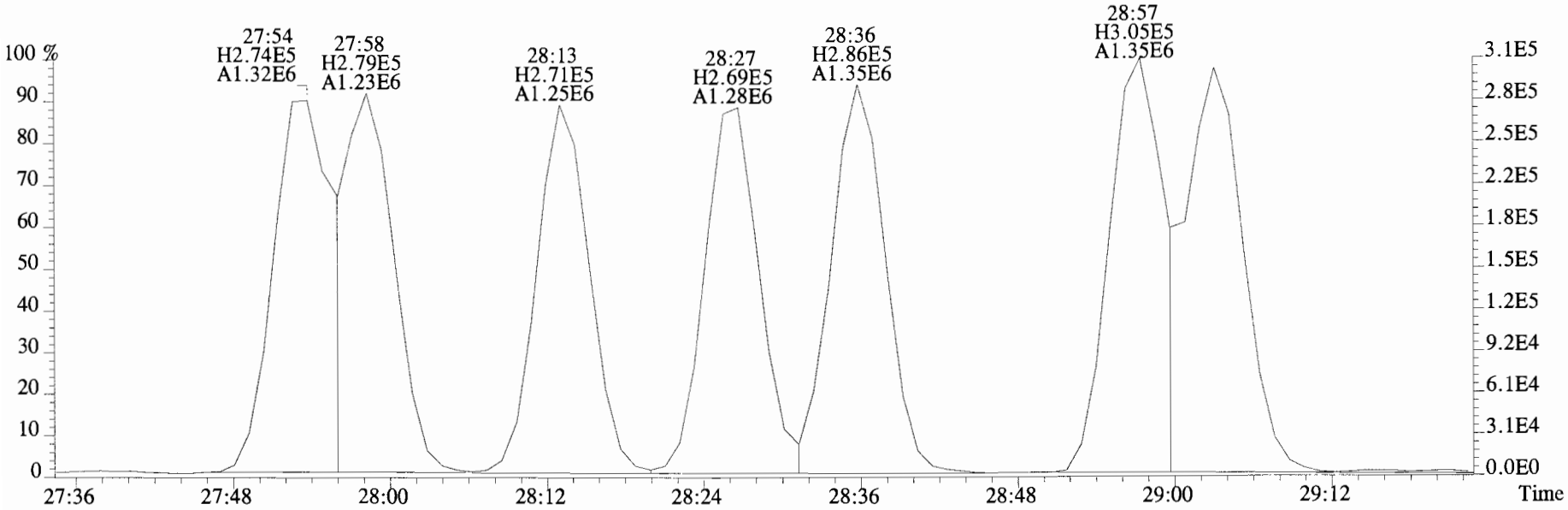
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
268.0016 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,94516.0,0.00%,F,F)



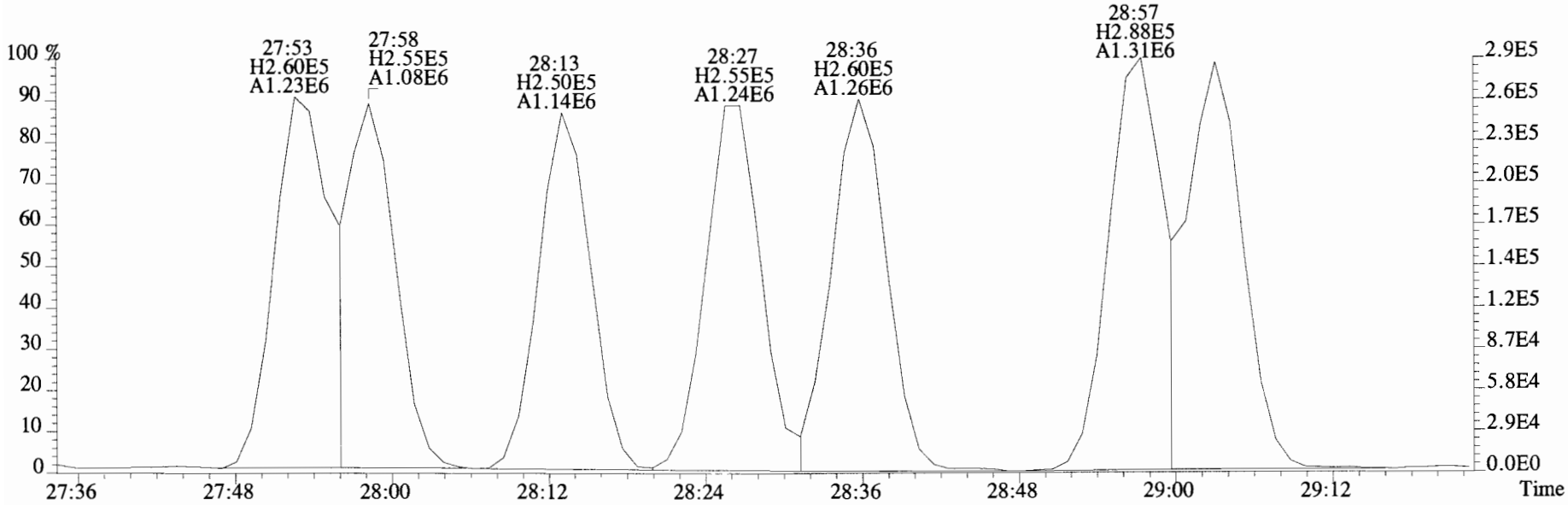
269.9986 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25944.0,0.00%,F,F)



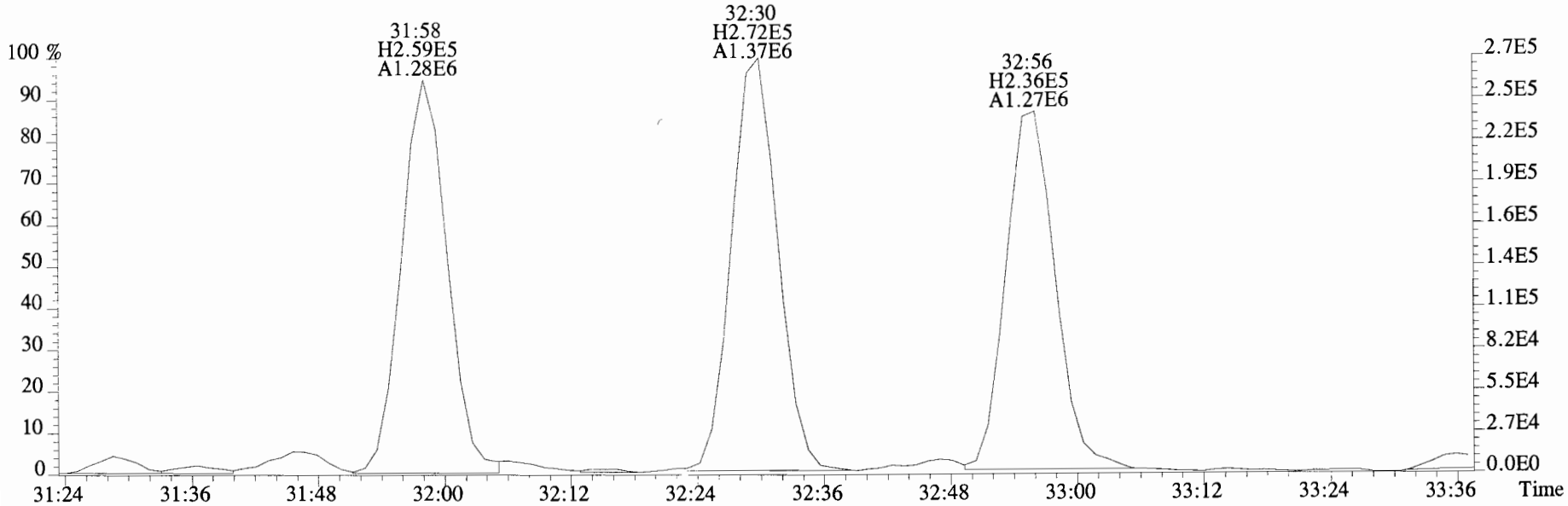
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
255.9613 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4016.0,0.00%,F,F)



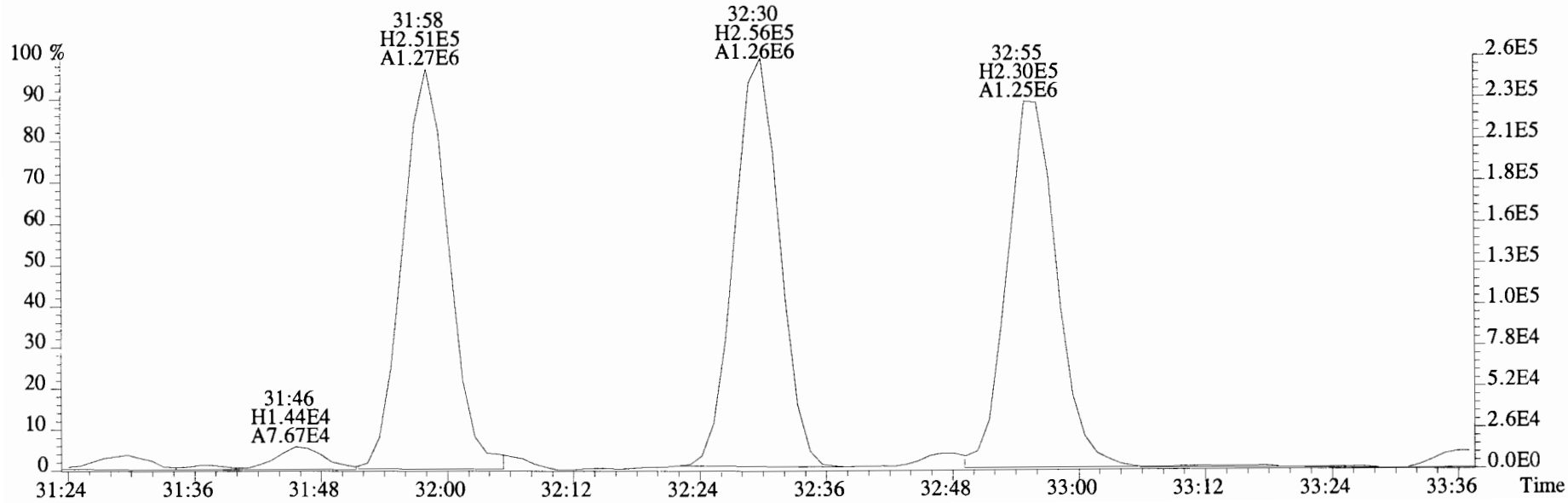
257.9584 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3072.0,0.00%,F,F)



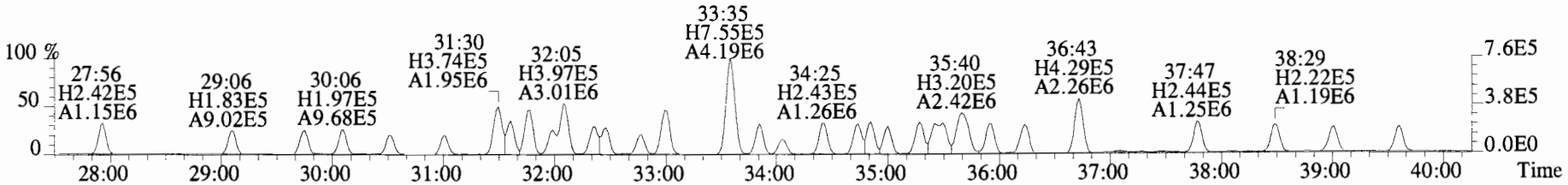
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
255.9613 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4016.0,0.00%,F,F)



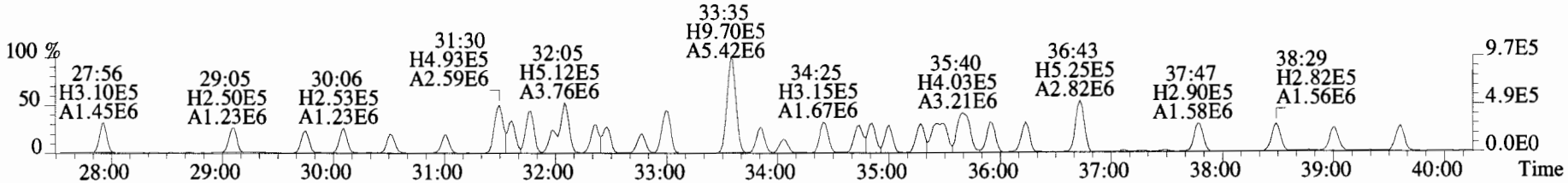
257.9584 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3072.0,0.00%,F,F)



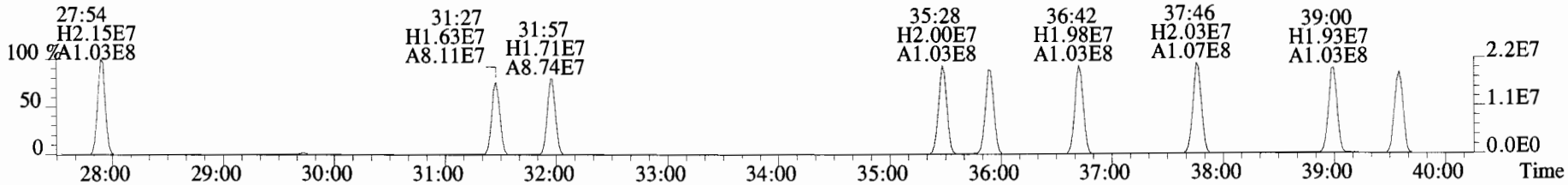
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3900.0,0.00%,F,F)



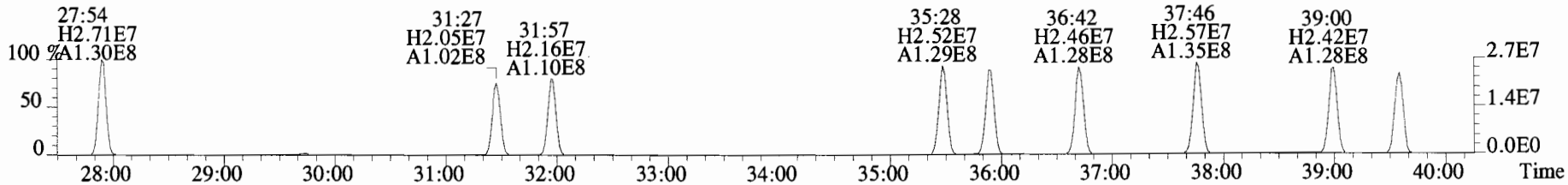
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4012.0,0.00%,F,F)



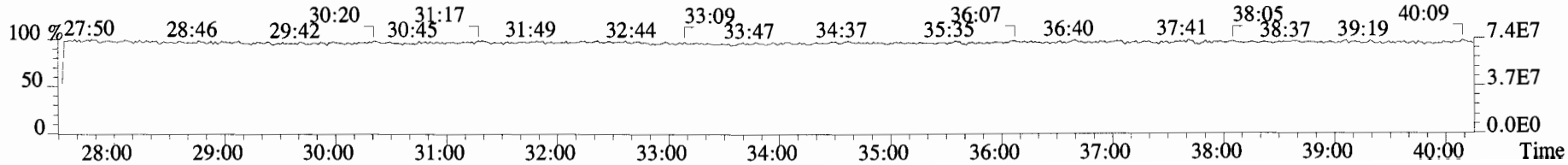
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35928.0,0.00%,F,F)



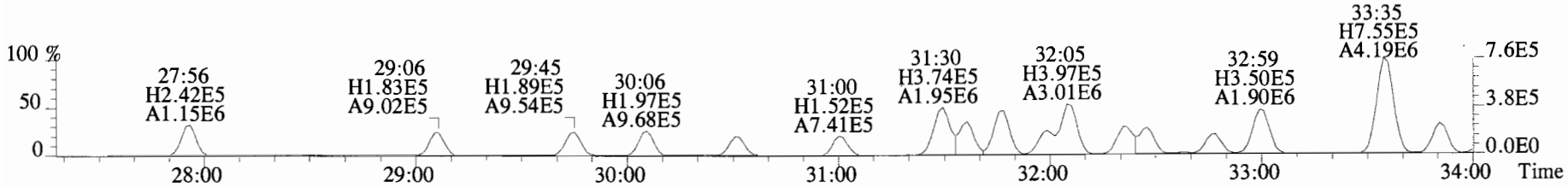
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22372.0,0.00%,F,F)



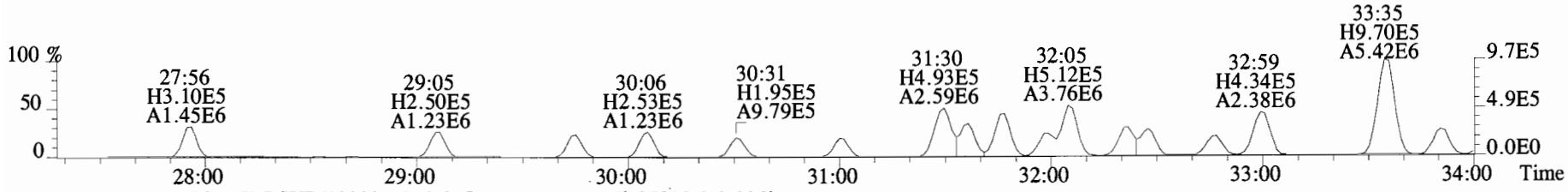
330.9792 S:2 F:3



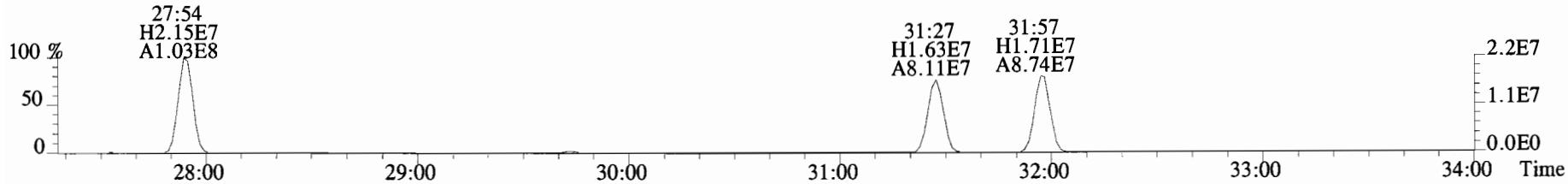
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3900.0,0.00%,F,F)



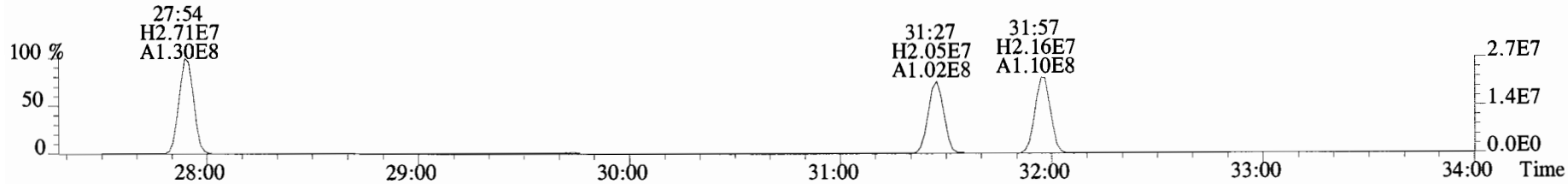
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4012.0,0.00%,F,F)



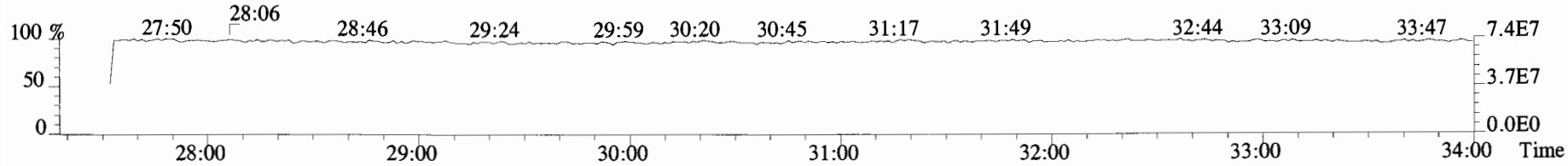
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35928.0,0.00%,F,F)



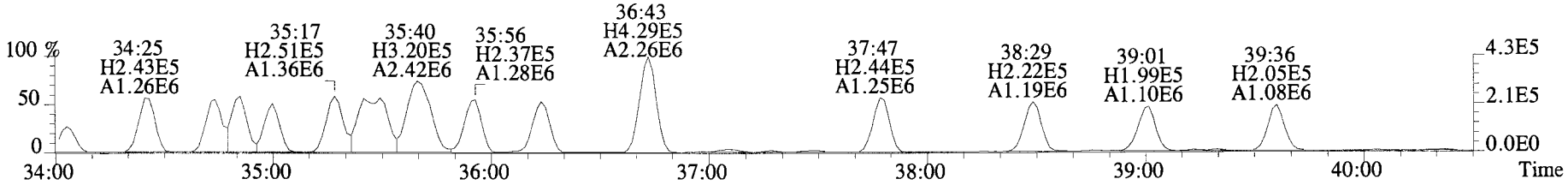
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22372.0,0.00%,F,F)



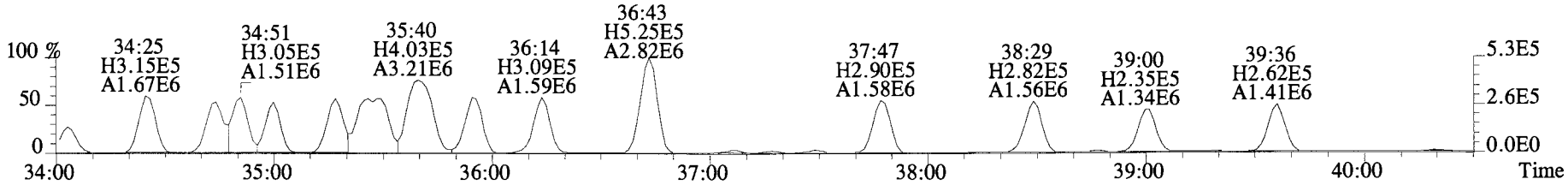
330.9792 S:2 F:3



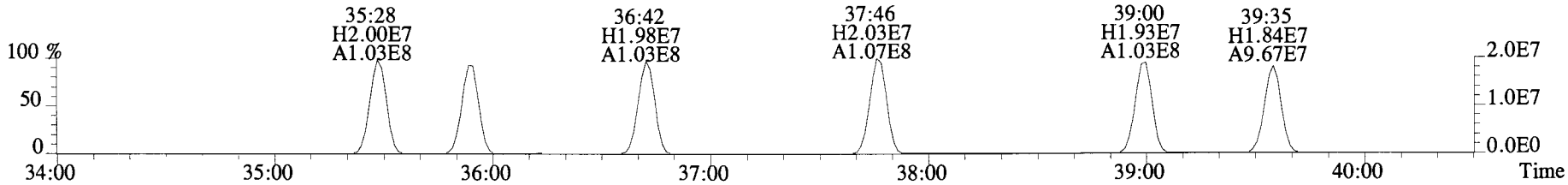
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3900.0,0.00%,F,F)



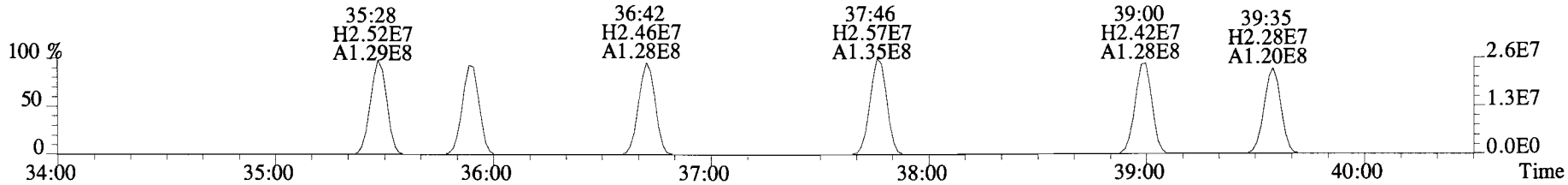
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4012.0,0.00%,F,F)



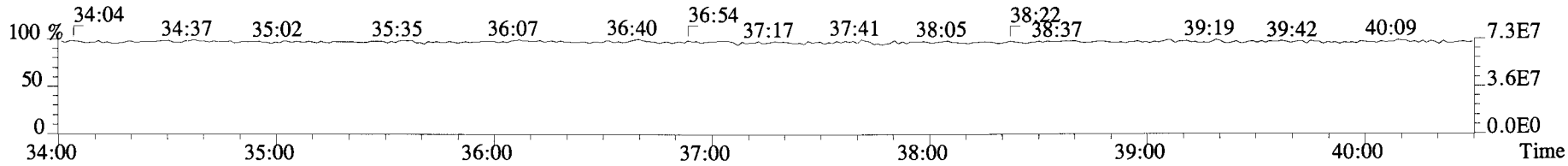
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35928.0,0.00%,F,F)



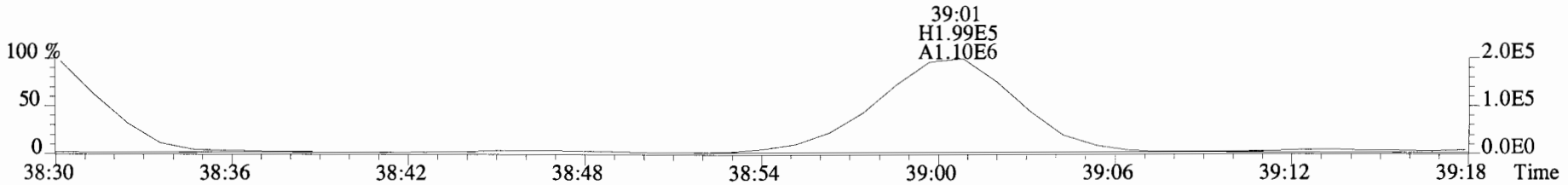
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22372.0,0.00%,F,F)



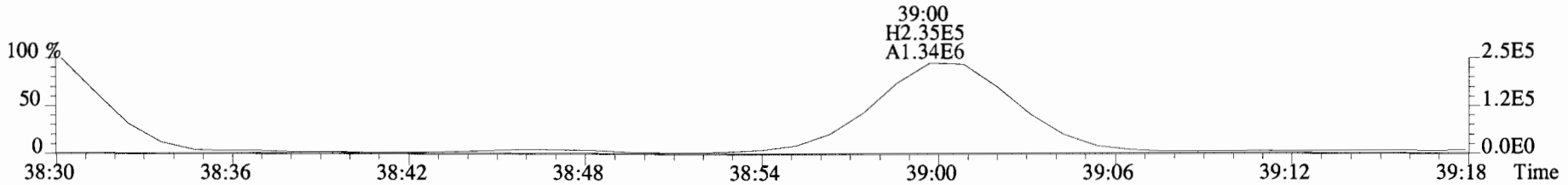
330.9792 S:2 F:3



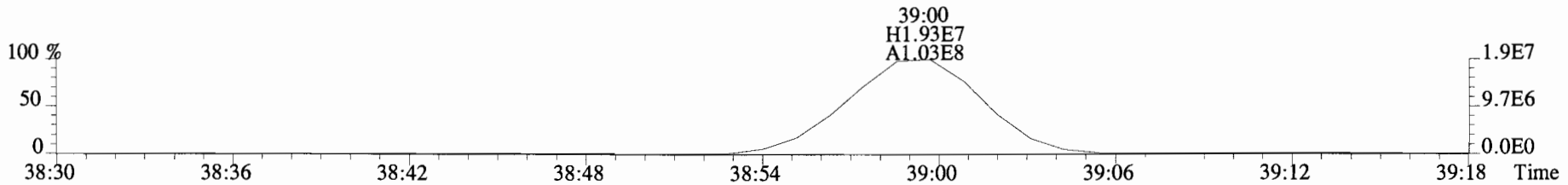
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3900.0,0.00%,F,F)



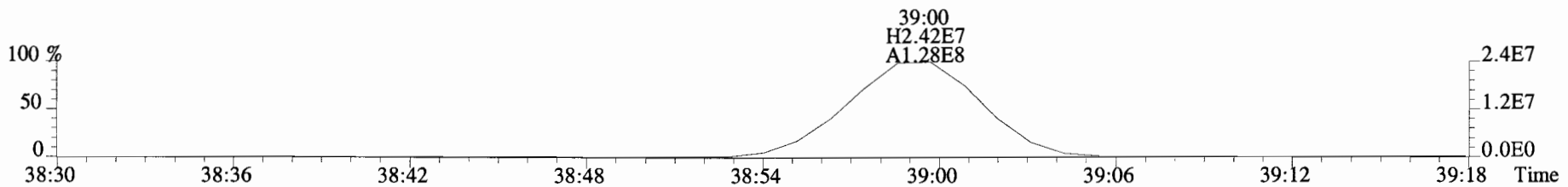
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4012.0,0.00%,F,F)



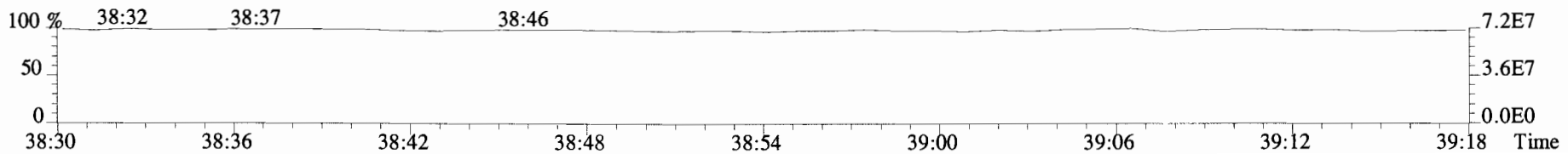
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35928.0,0.00%,F,F)



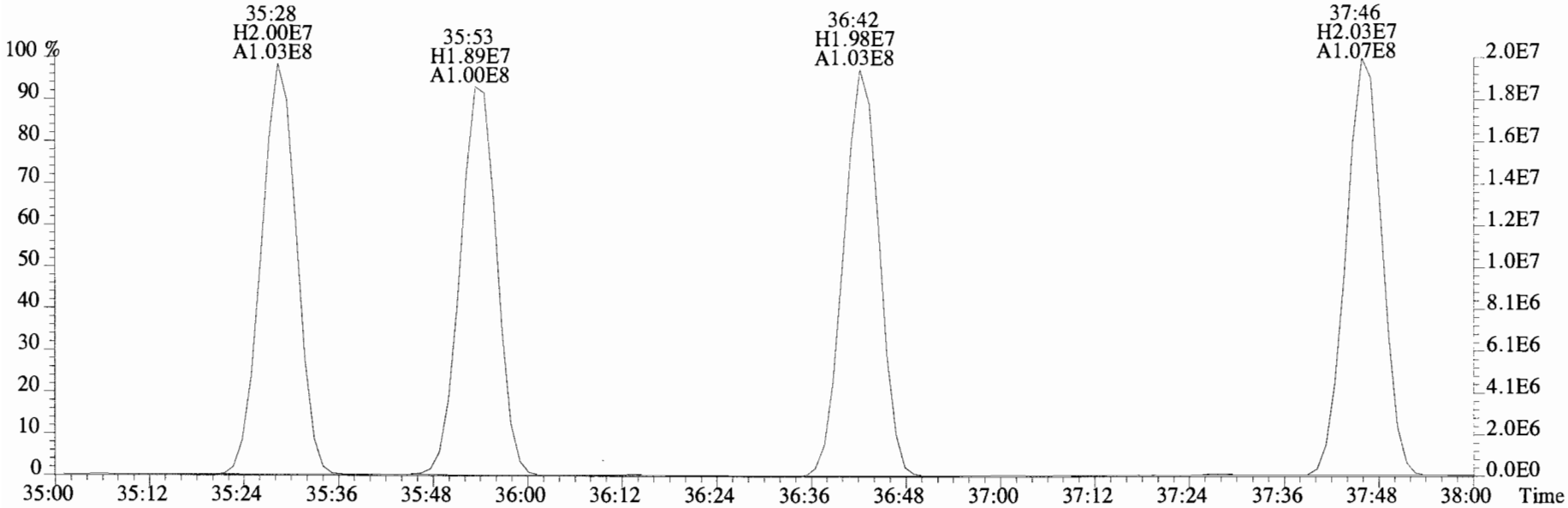
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22372.0,0.00%,F,F)



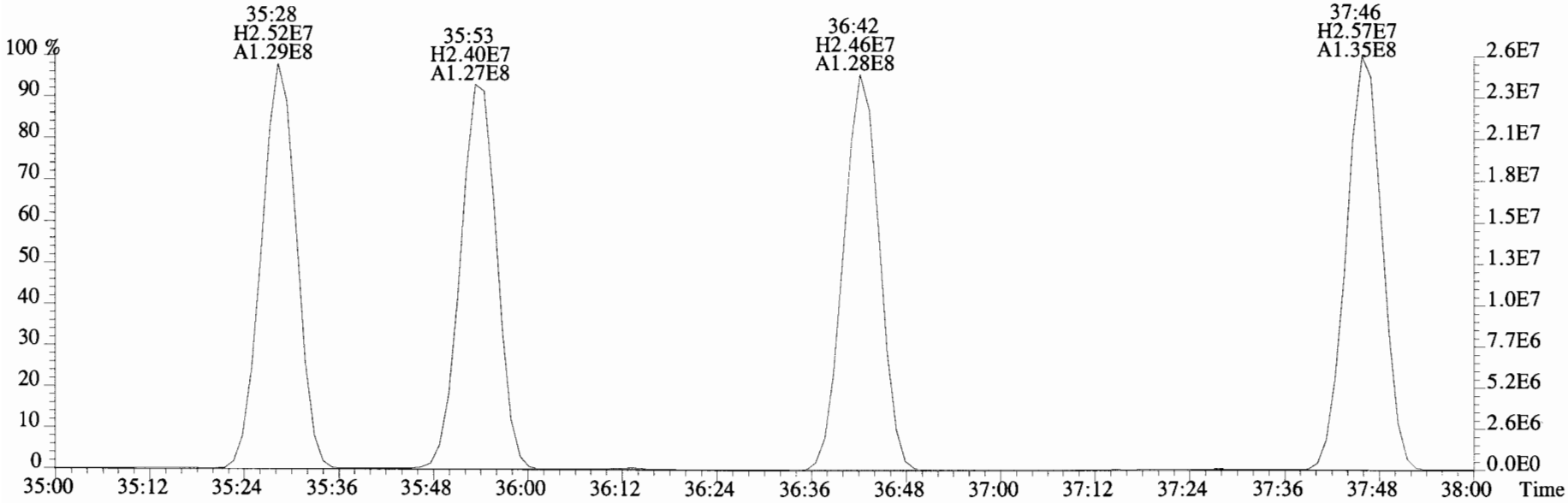
330.9792 S:2 F:3



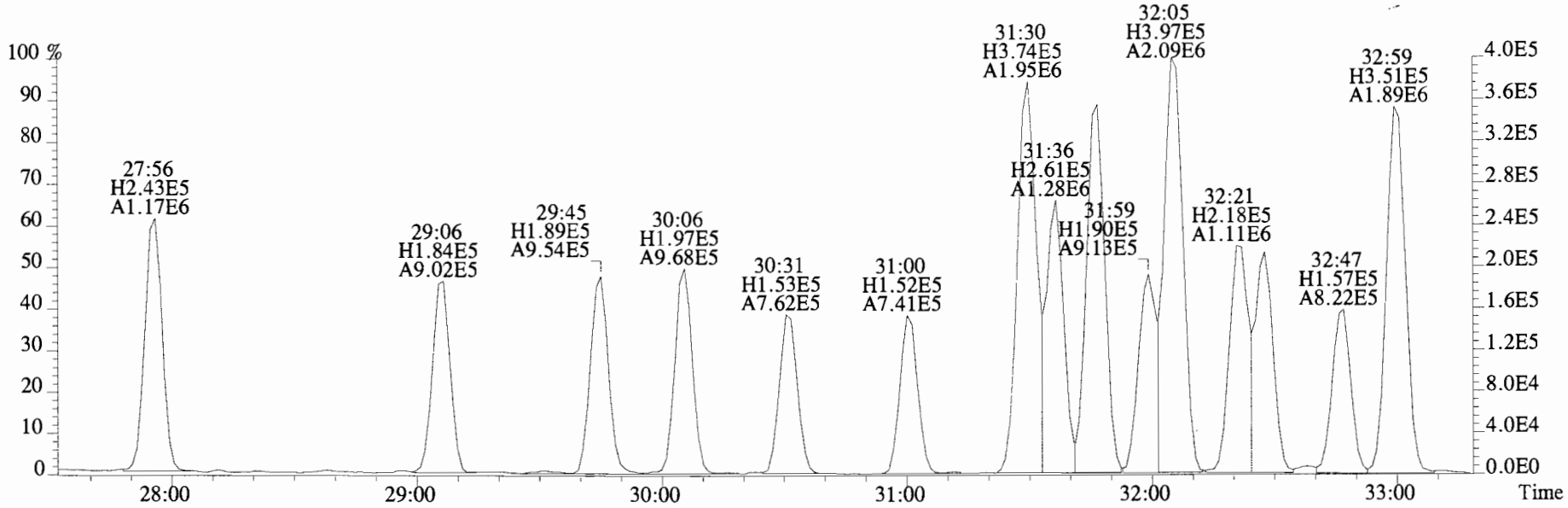
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35928.0,0.00%,F,F)



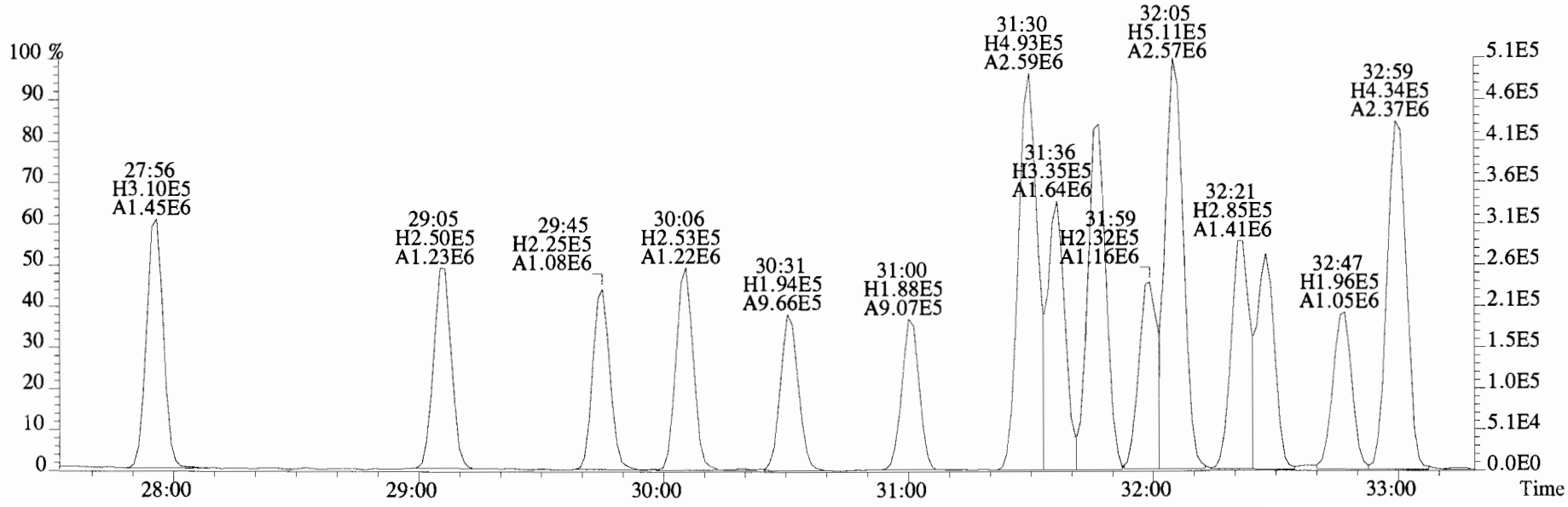
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22372.0,0.00%,F,F)



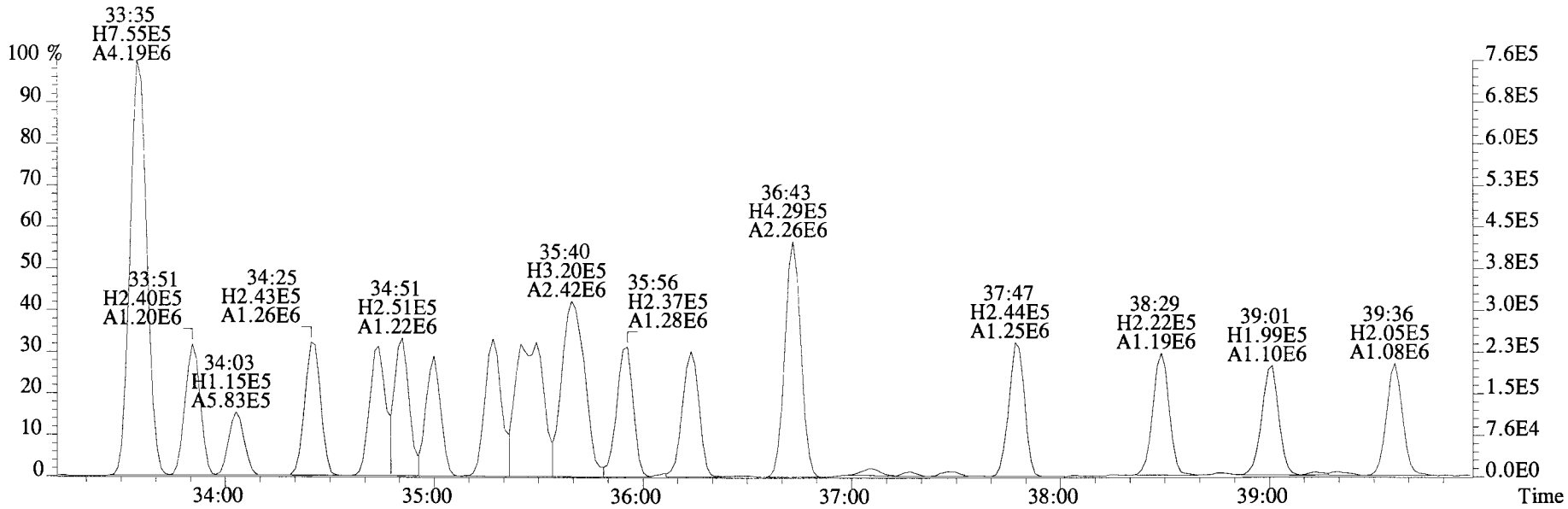
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3900.0,0.00%,F,F)



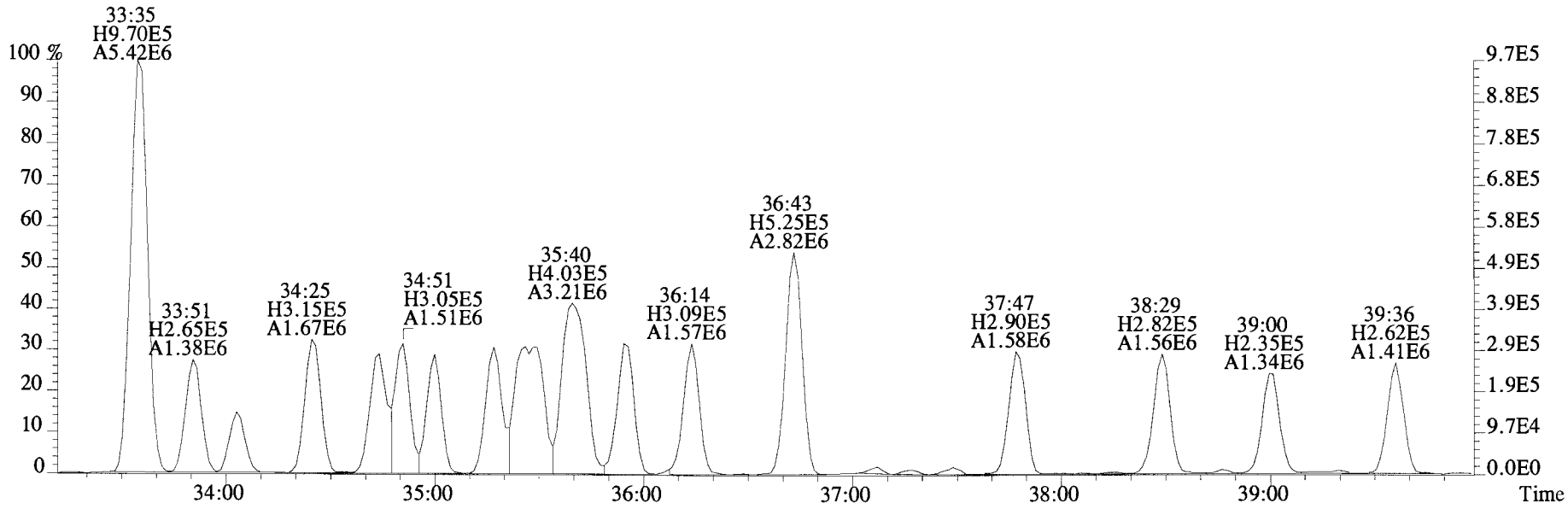
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4012.0,0.00%,F,F)



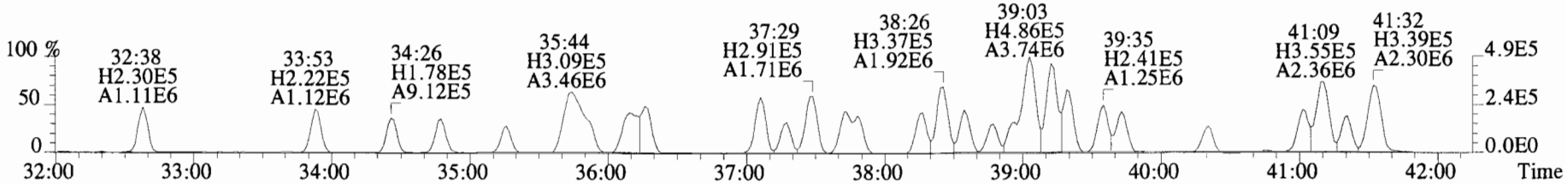
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3900.0,0.00%,F,F)



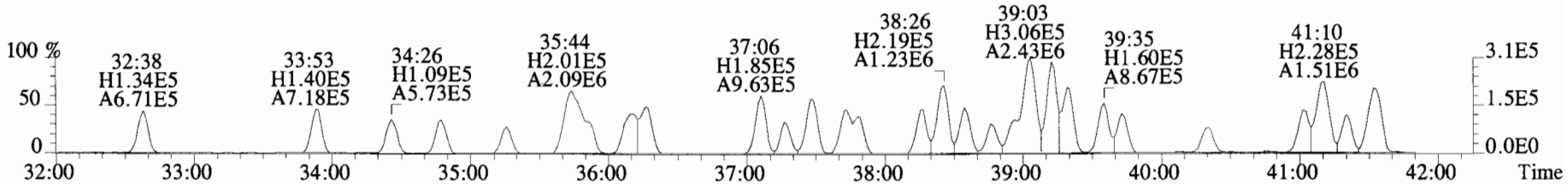
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4012.0,0.00%,F,F)



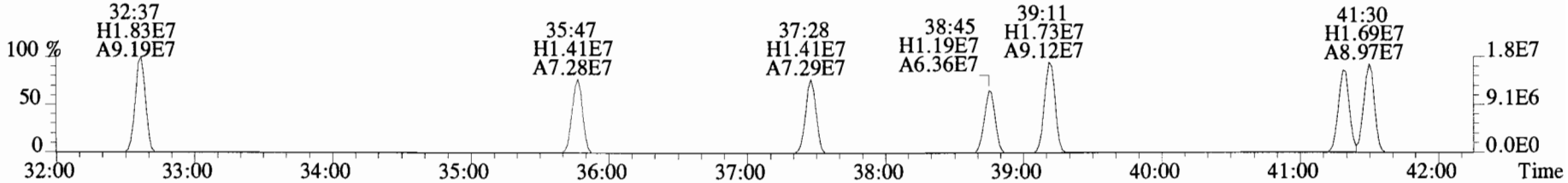
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2872.0,0.00%,F,F)



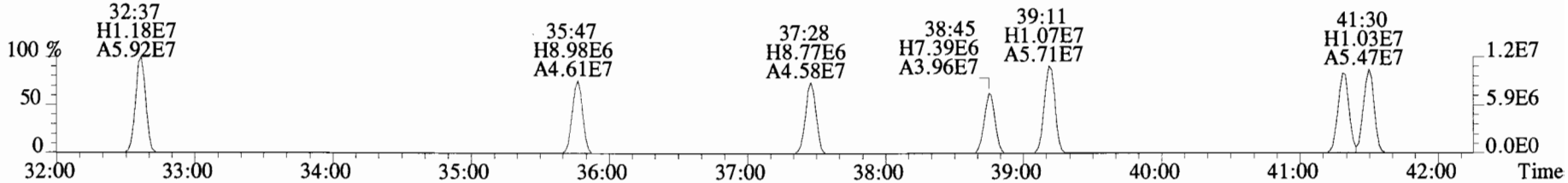
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2448.0,0.00%,F,F)



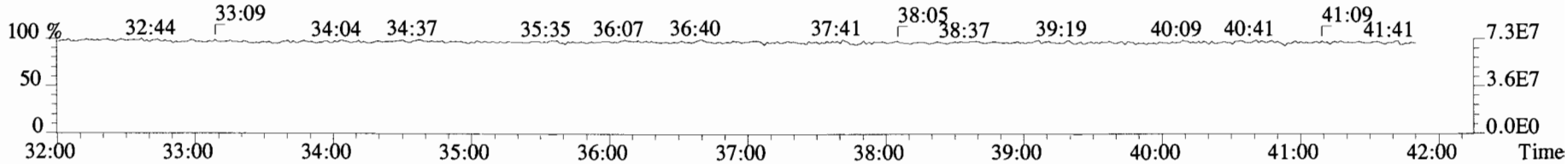
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6756.0,0.00%,F,F)



339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3672.0,0.00%,F,F)

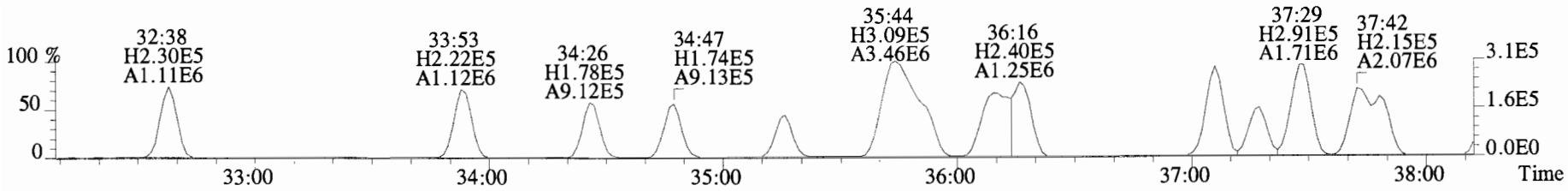


330.9792 S:2 F:3

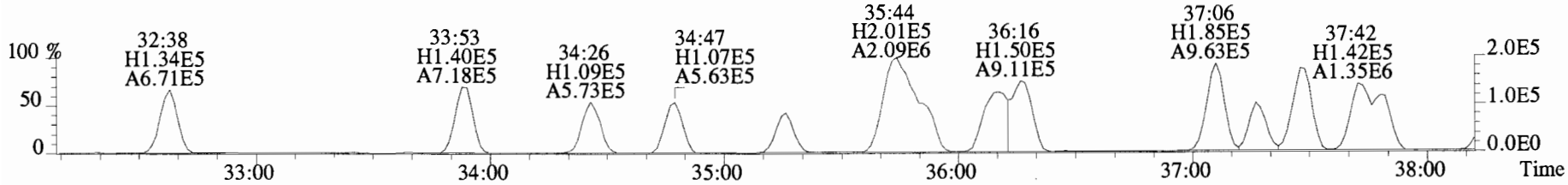


File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1

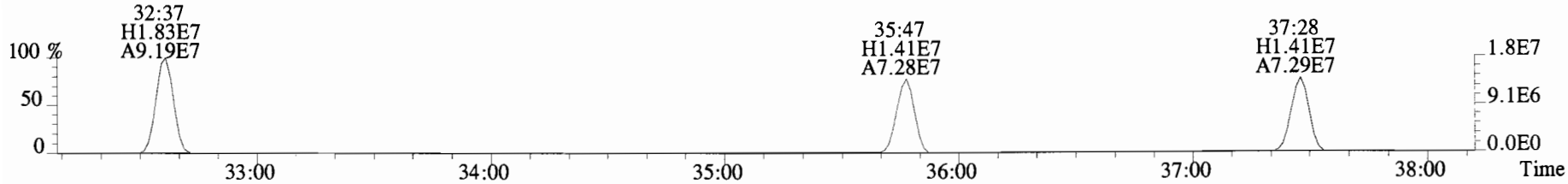
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2872.0,0.00%,F,F)



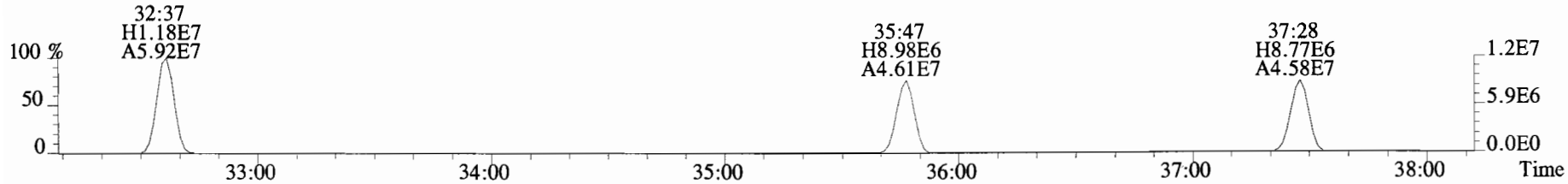
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2448.0,0.00%,F,F)



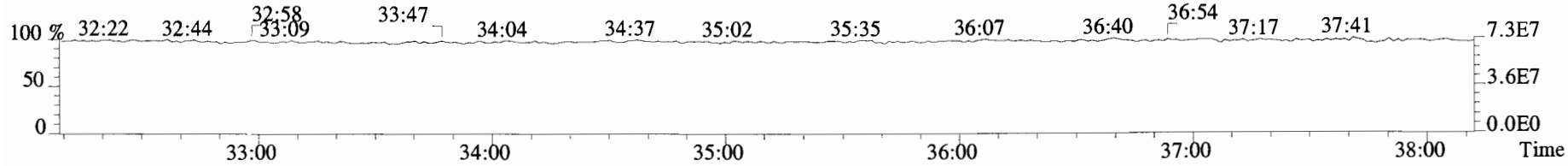
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6756.0,0.00%,F,F)



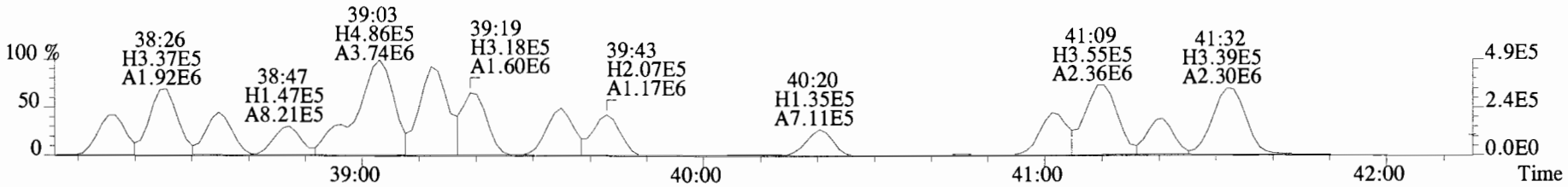
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3672.0,0.00%,F,F)



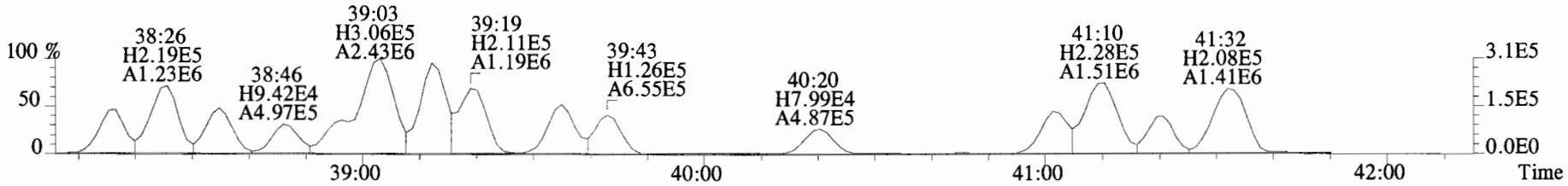
330.9792 S:2 F:3



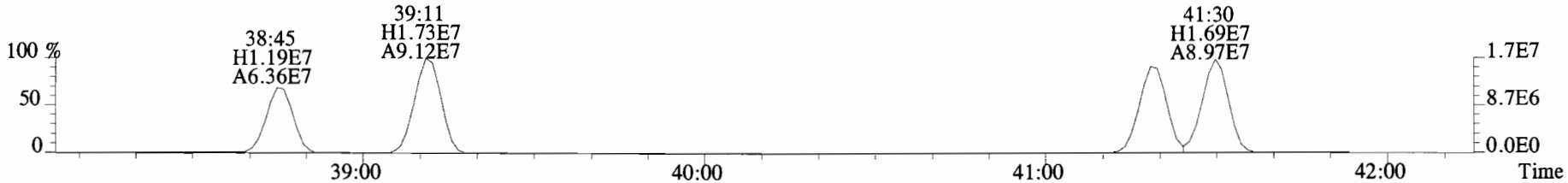
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2872.0,0.00%,F,F)



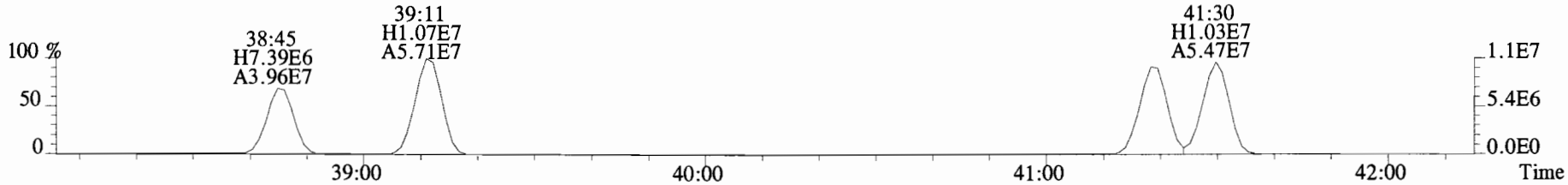
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2448.0,0.00%,F,F)



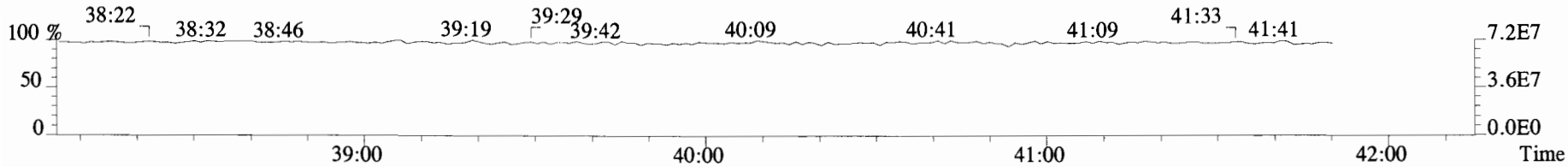
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6756.0,0.00%,F,F)



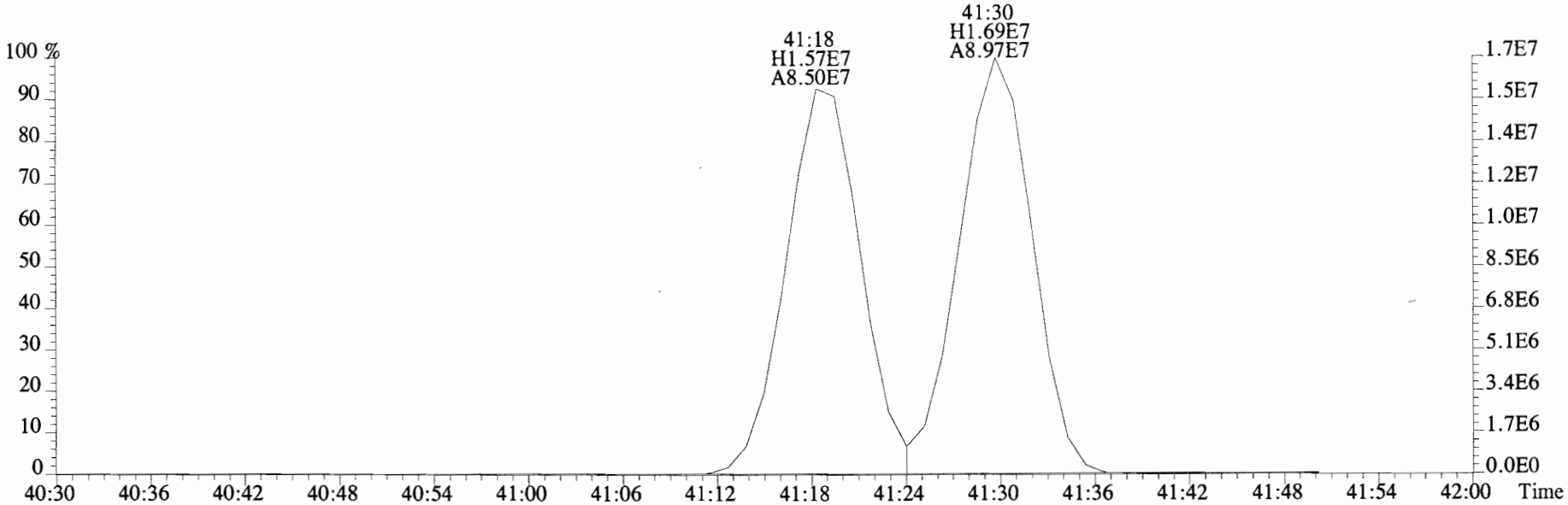
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3672.0,0.00%,F,F)



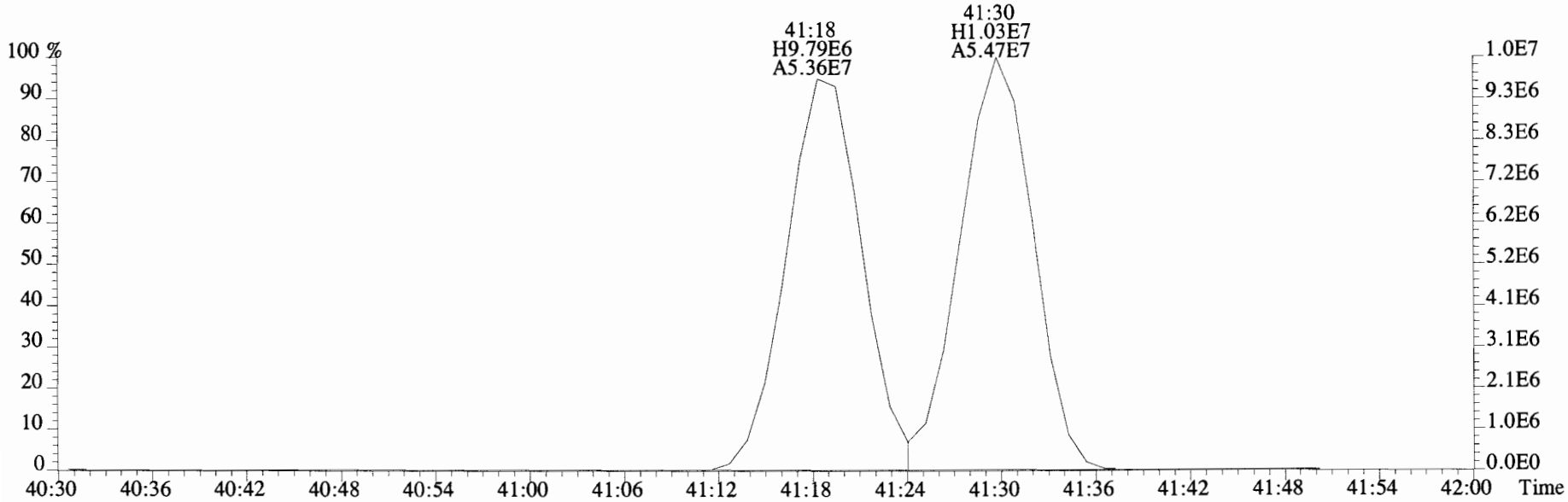
330.9792 S:2 F:3



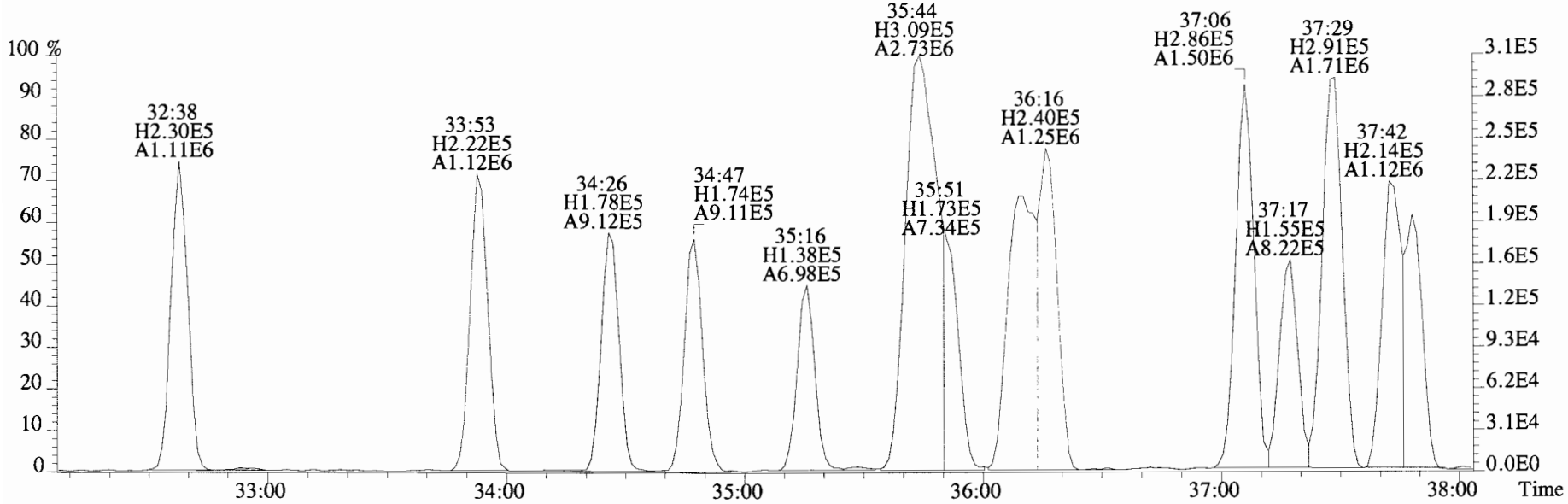
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6756.0,0.00%,F,F)



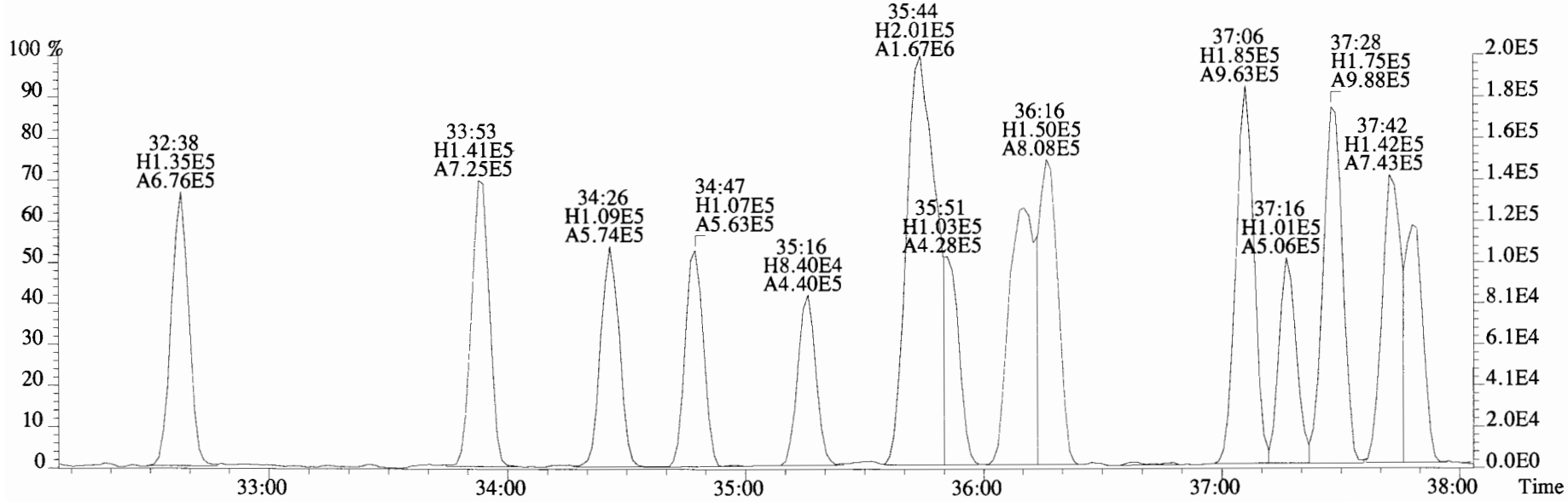
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3672.0,0.00%,F,F)



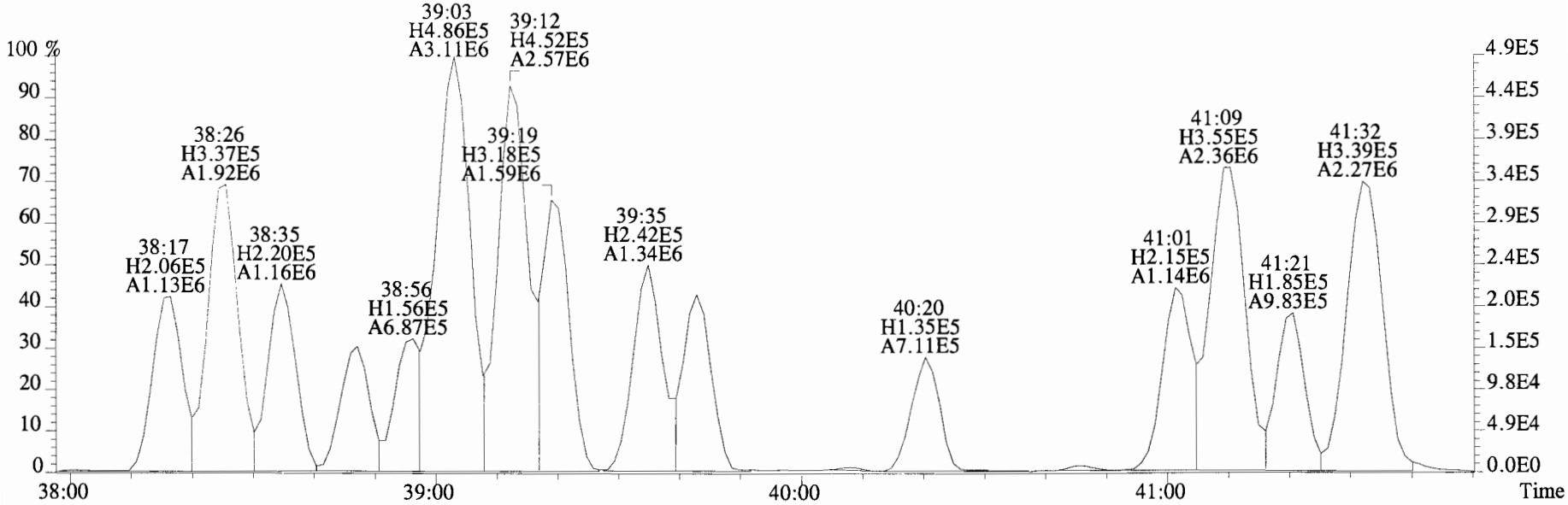
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2872.0,0.00%,F,F)



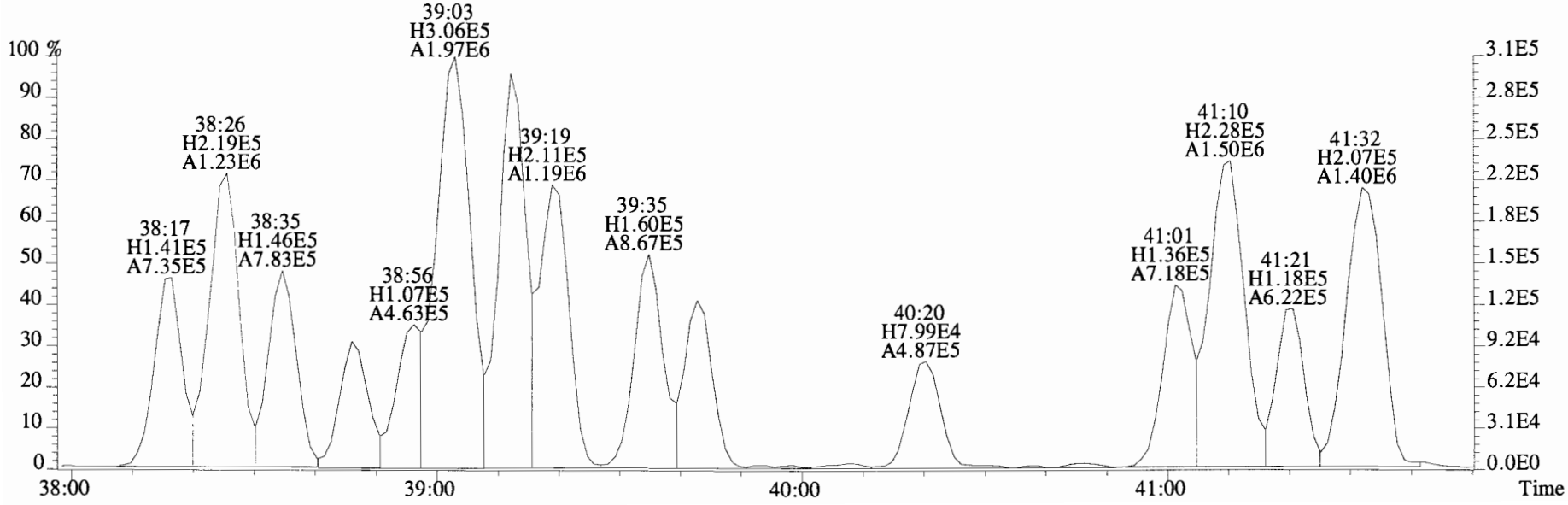
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2448.0,0.00%,F,F)



File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2872.0,0.00%,F,F)

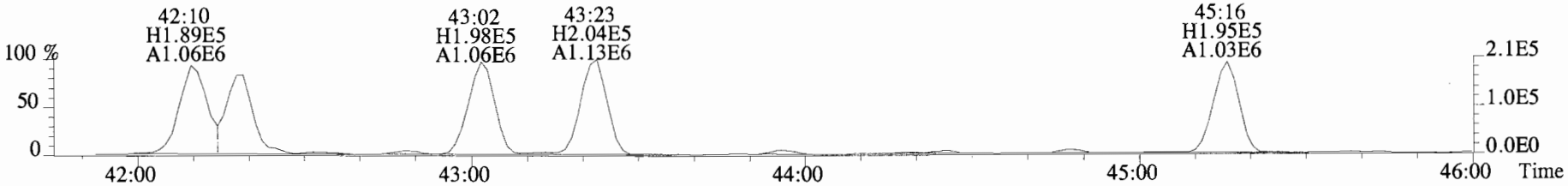


327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2448.0,0.00%,F,F)

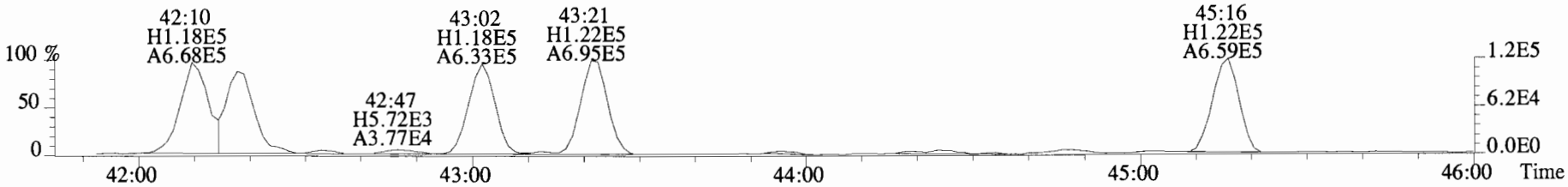


File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1

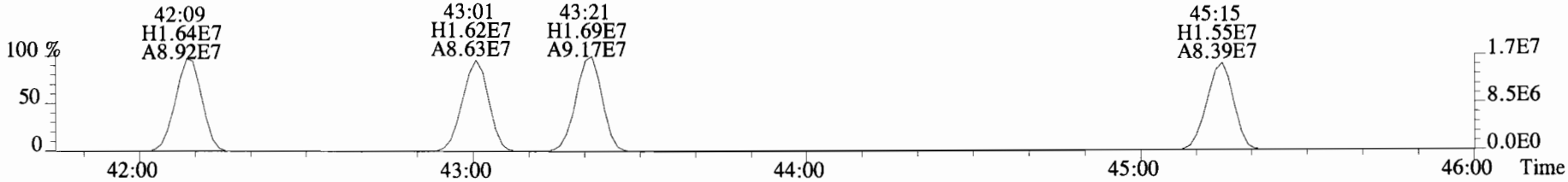
325.8804 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2660.0,0.00%,F,F)



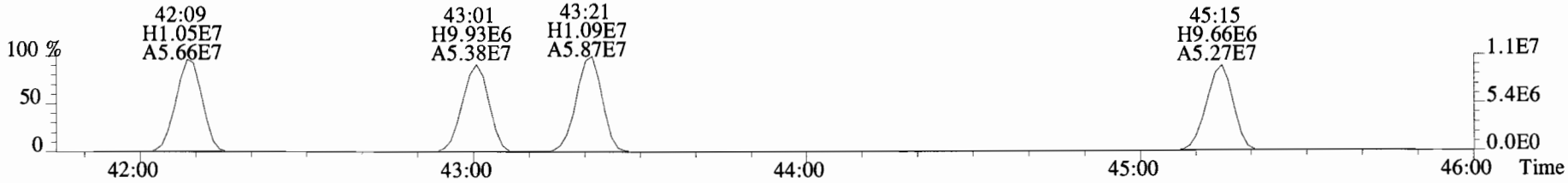
327.8775 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2516.0,0.00%,F,F)



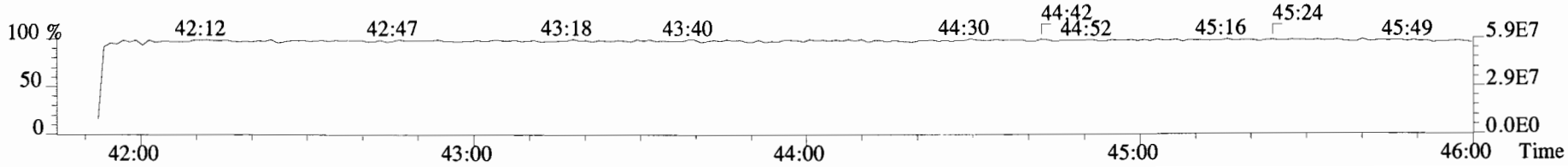
337.9207 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7880.0,0.00%,F,F)



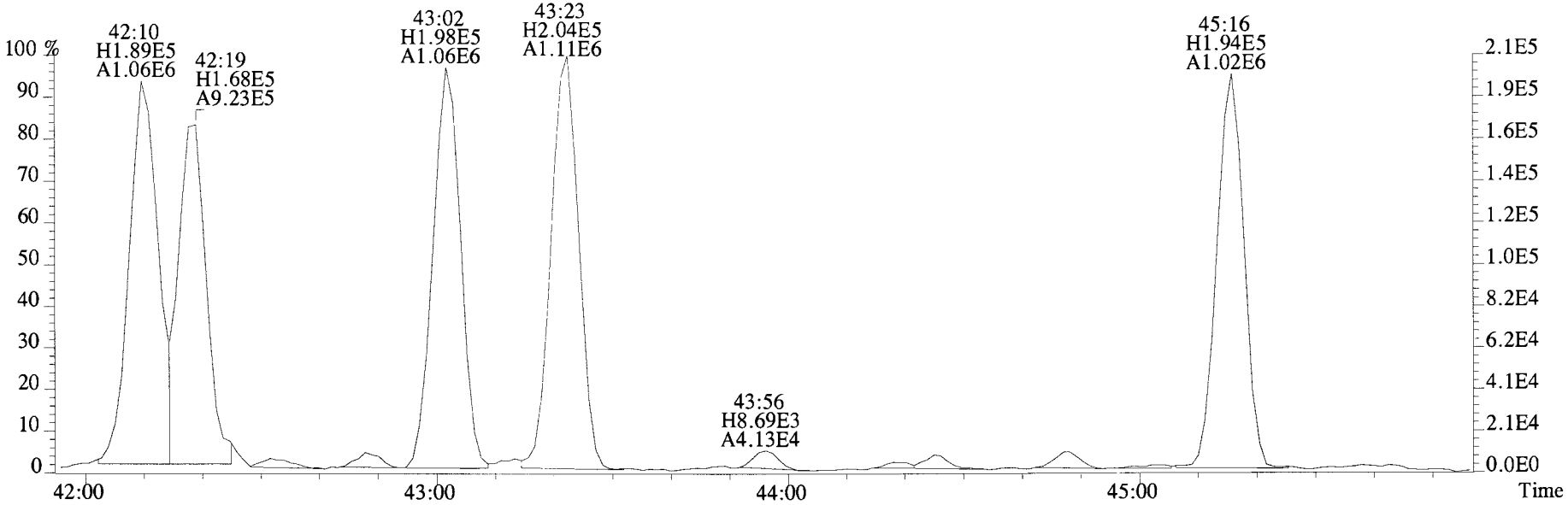
339.9177 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7156.0,0.00%,F,F)



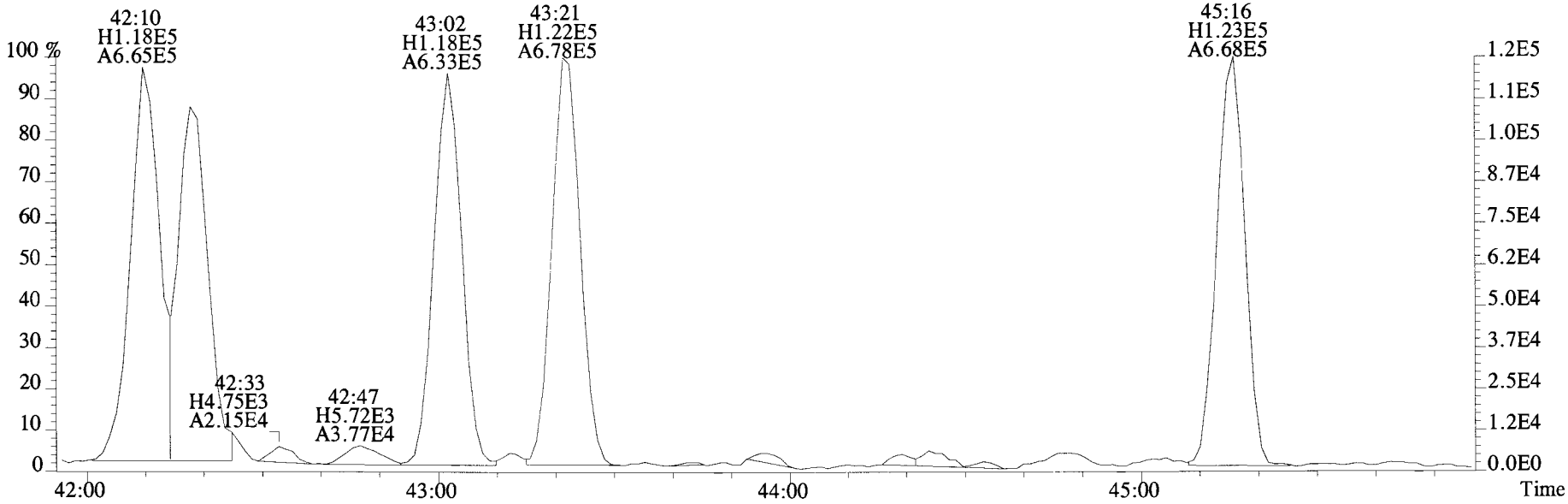
380.9760 S:2 F:4



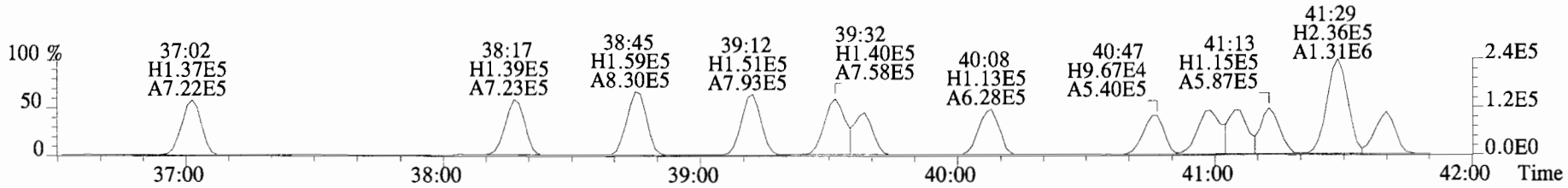
File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
325.8804 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2660.0,0.00%,F,F)



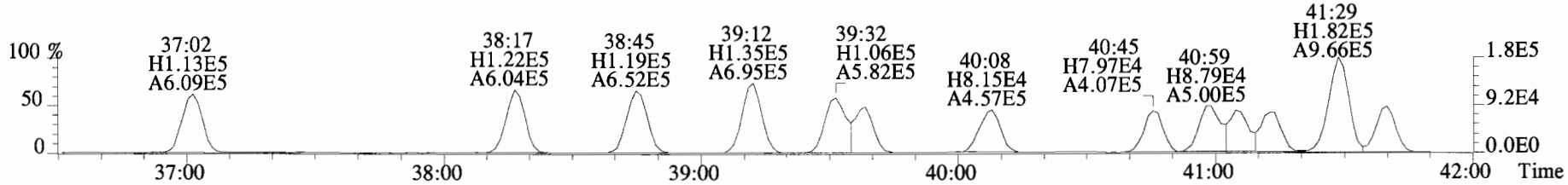
327.8775 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2516.0,0.00%,F,F)



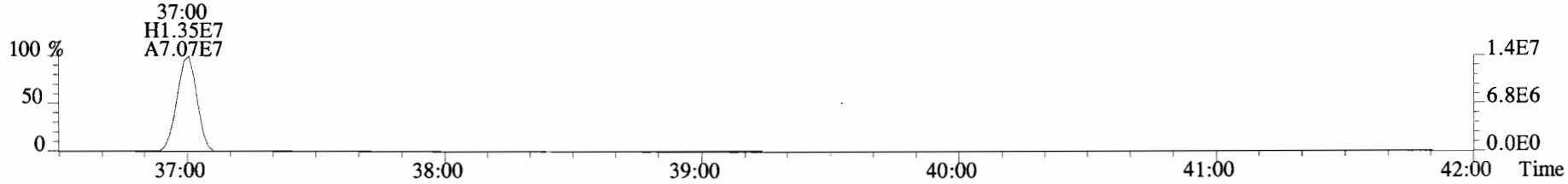
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UitimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
359.8415 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2340.0,0.00%,F,F)



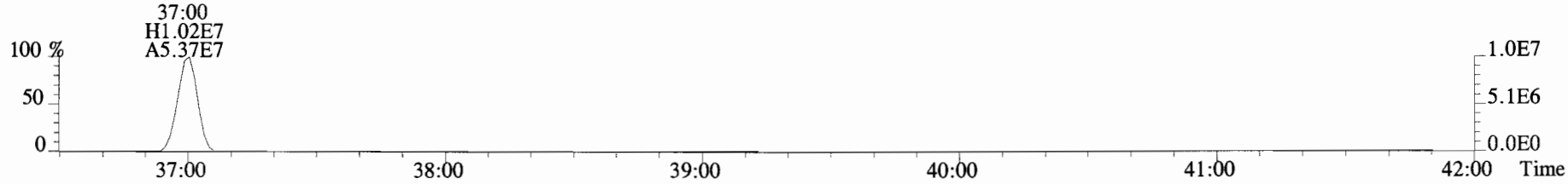
361.8385 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2648.0,0.00%,F,F)



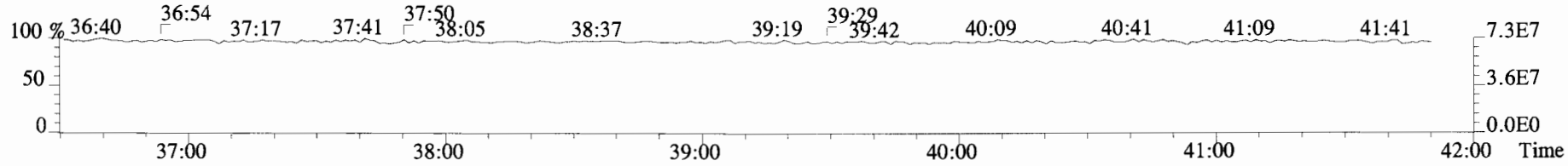
371.8817 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3308.0,0.00%,F,F)



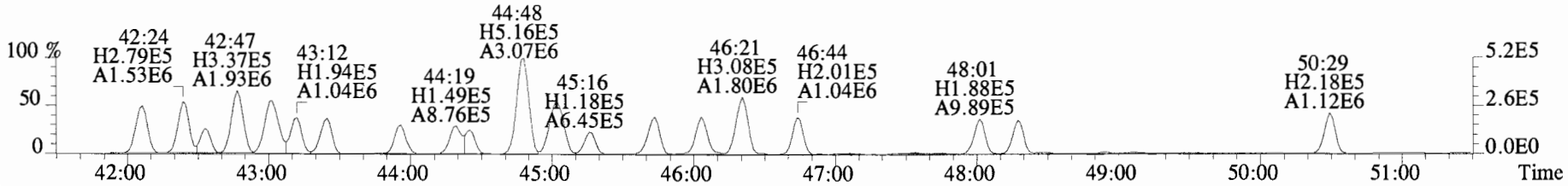
373.8788 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2588.0,0.00%,F,F)



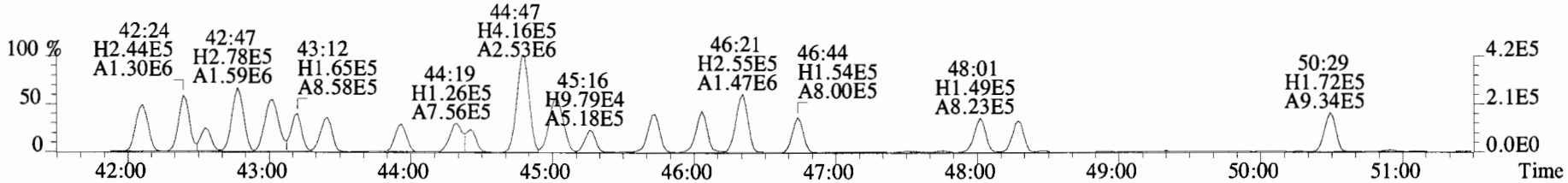
330.9792 S:2 F:3



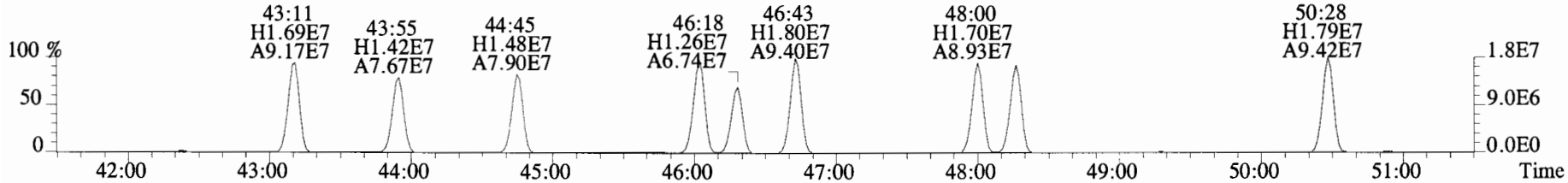
File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
359.8415 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2556.0,0.00%,F,F)



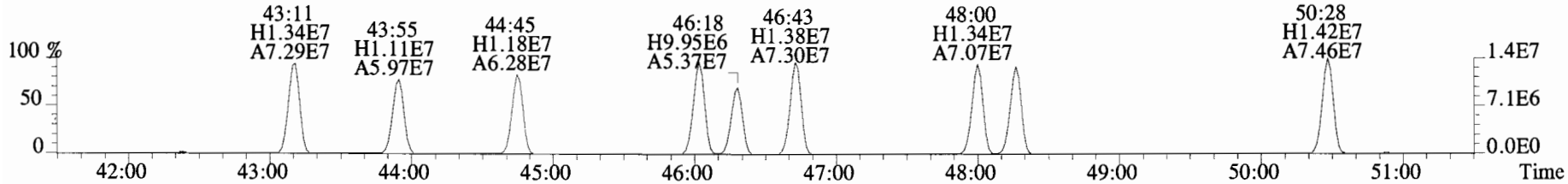
361.8385 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2476.0,0.00%,F,F)



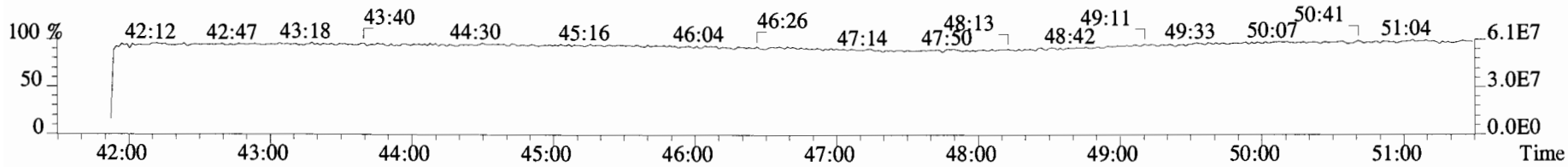
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19196.0,0.00%,F,F)



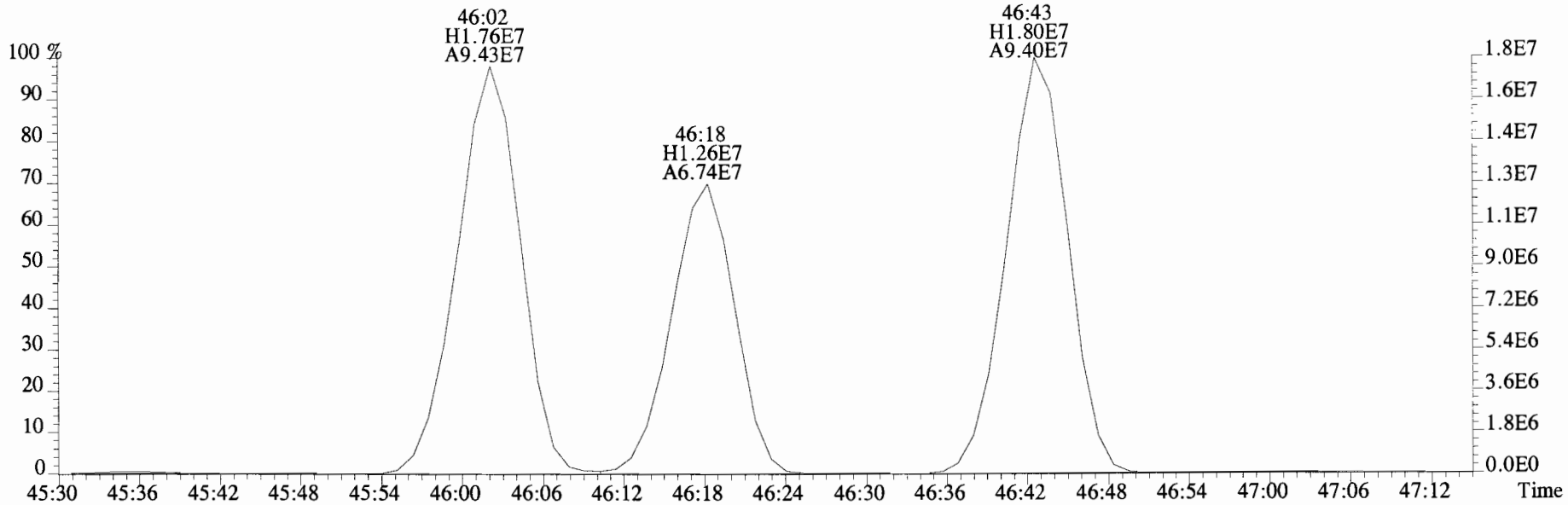
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14324.0,0.00%,F,F)



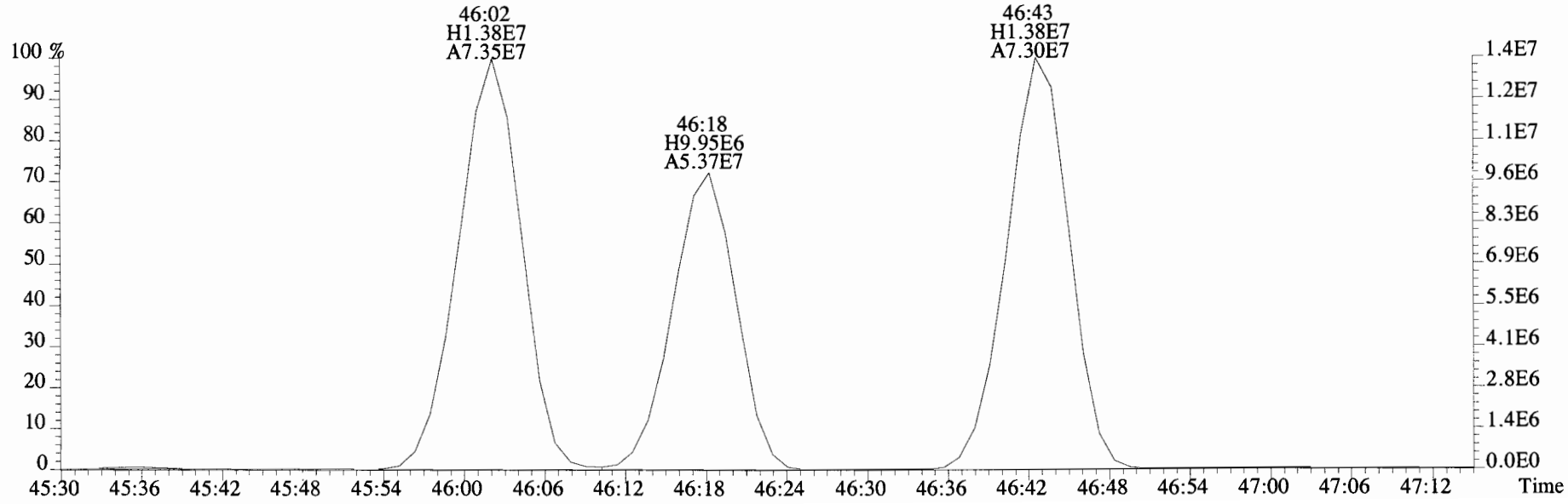
380.9760 S:2 F:4



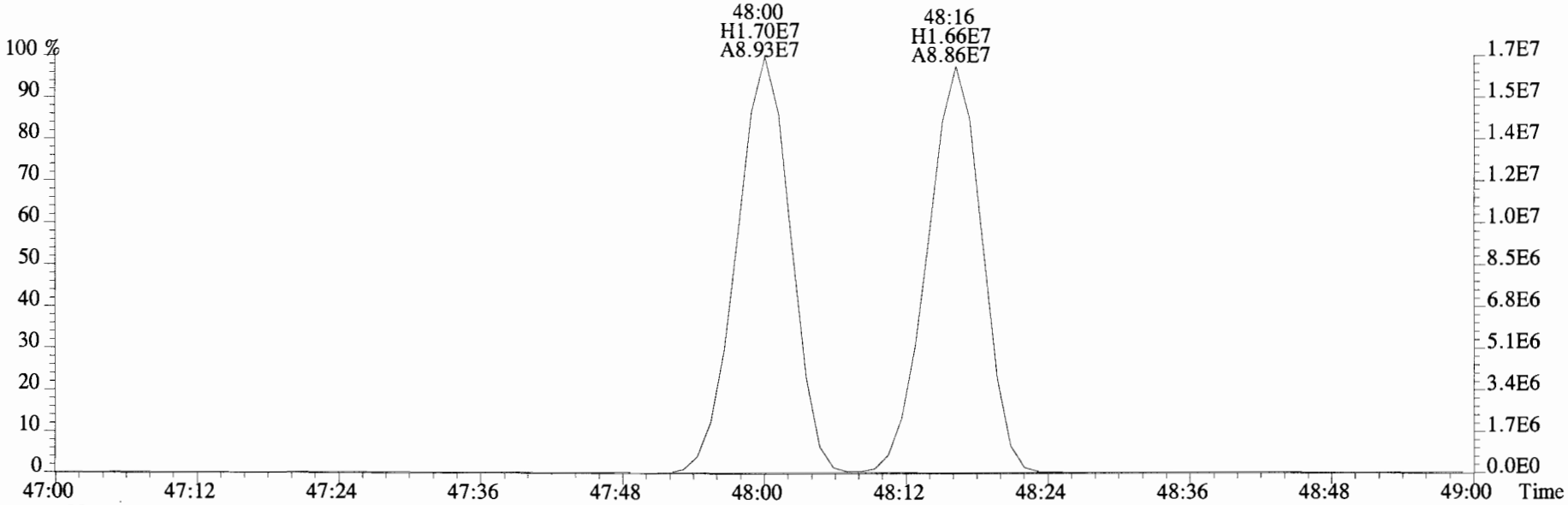
File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19196.0,0.00%,F,F)



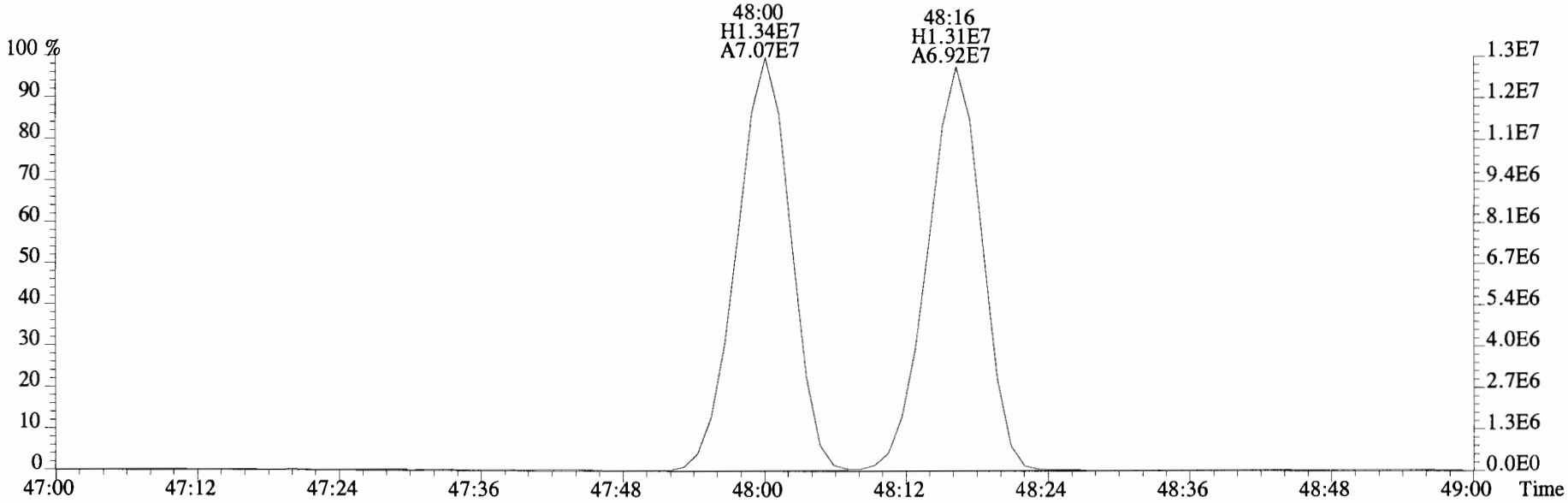
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14324.0,0.00%,F,F)



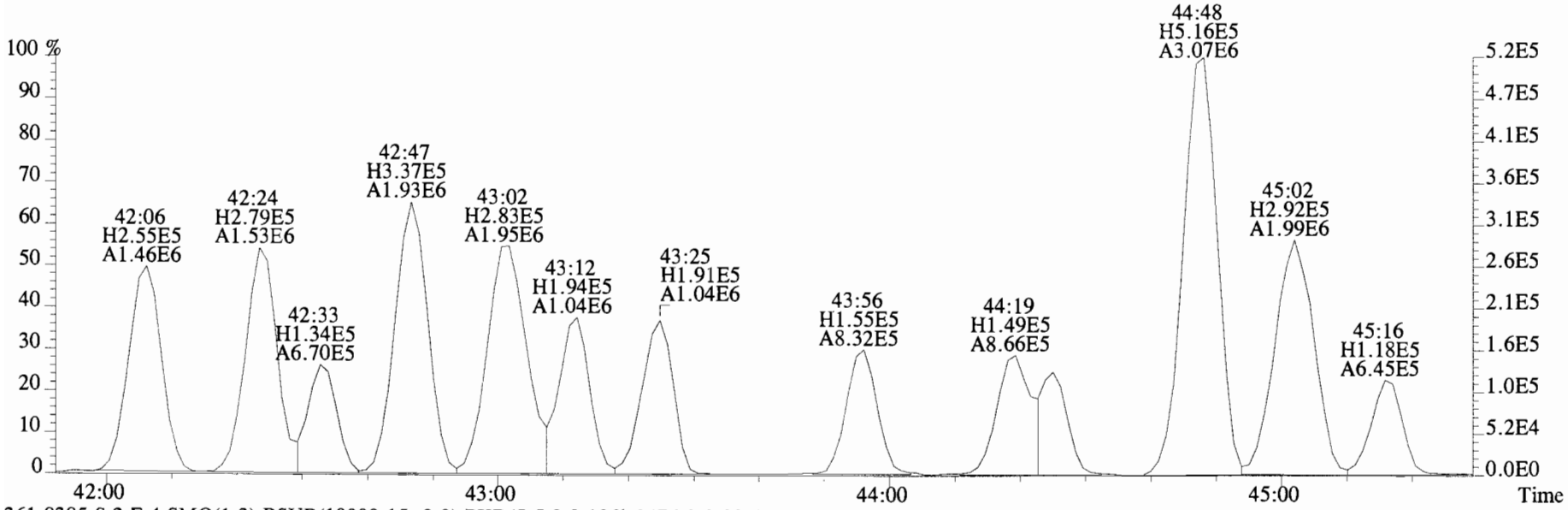
File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19196.0,0.00%,F,F)



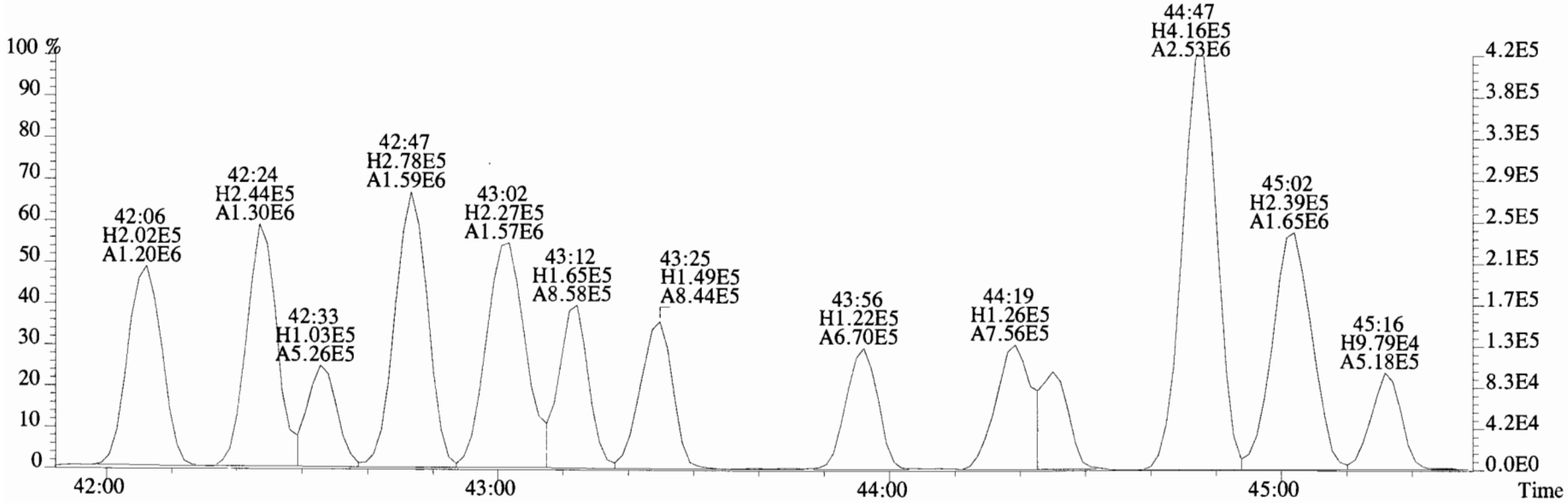
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14324.0,0.00%,F,F)



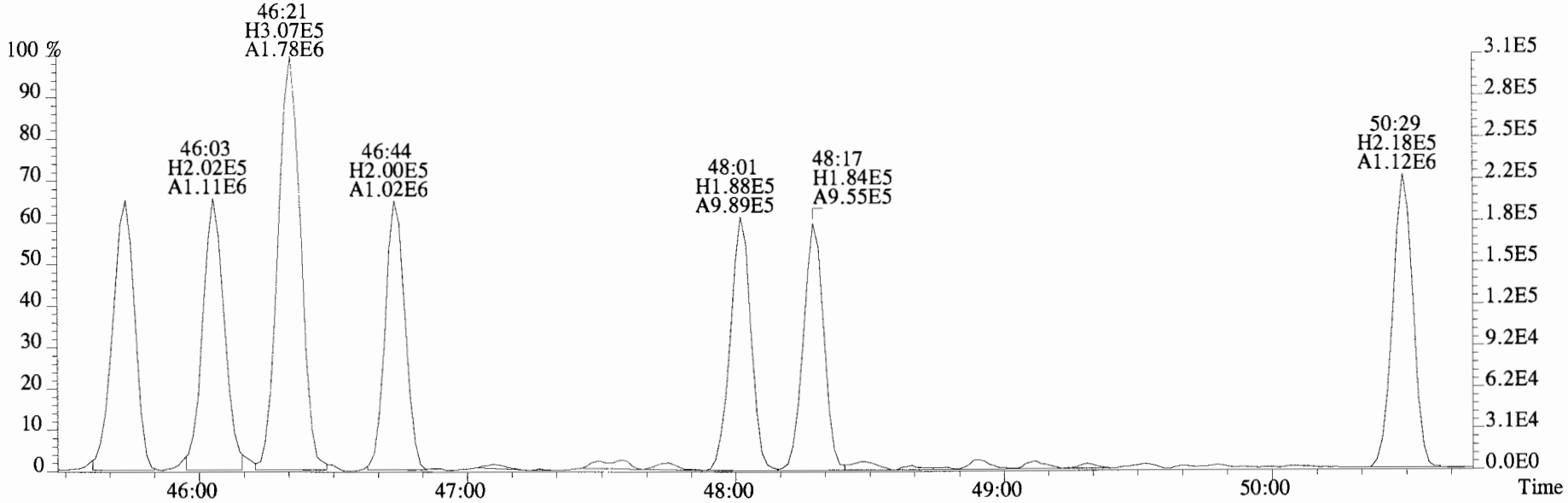
File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
359.8415 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2556.0,0.00%,F,F)



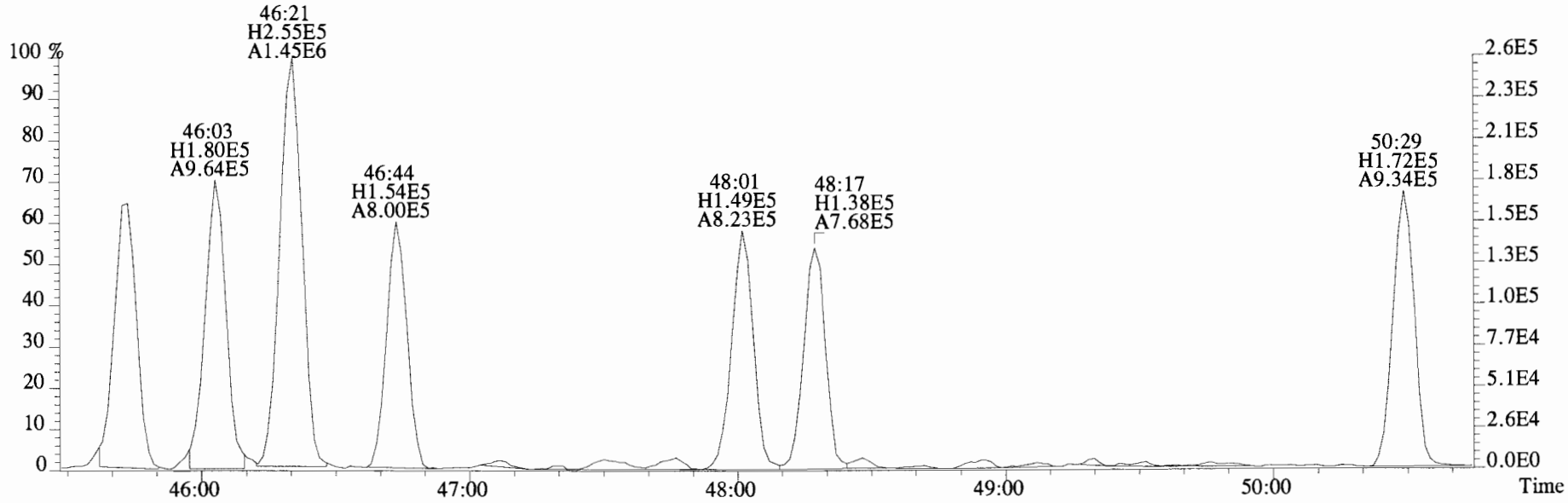
361.8385 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2476.0,0.00%,F,F)



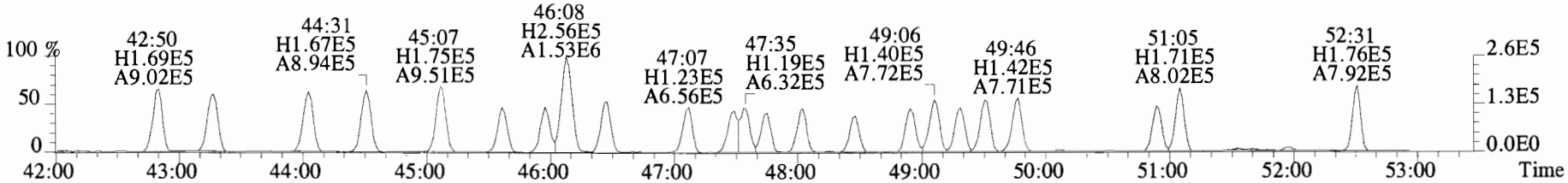
File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
359.8415 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2556.0,0.00%,F,F)



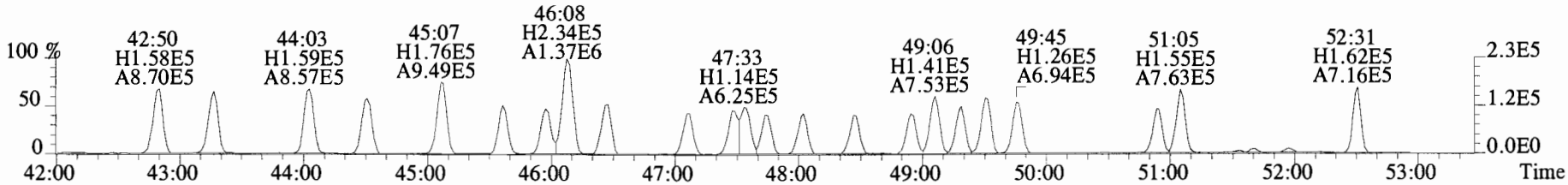
361.8385 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2476.0,0.00%,F,F)



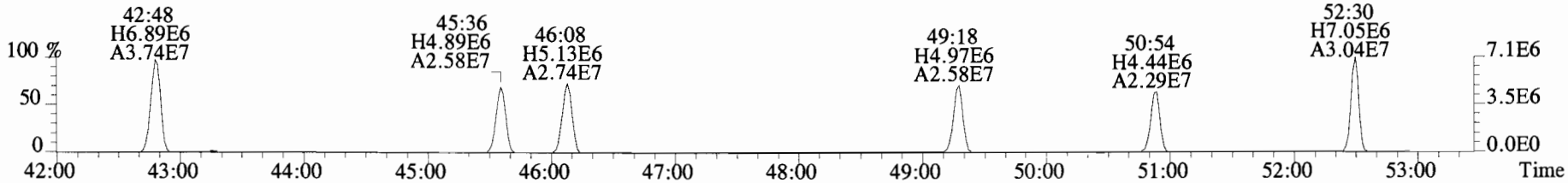
File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
393.8025 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2760.0,0.00%,F,F)



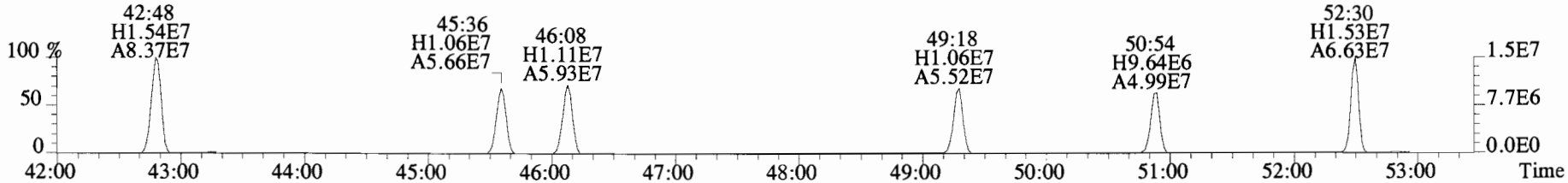
395.7995 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2288.0,0.00%,F,F)



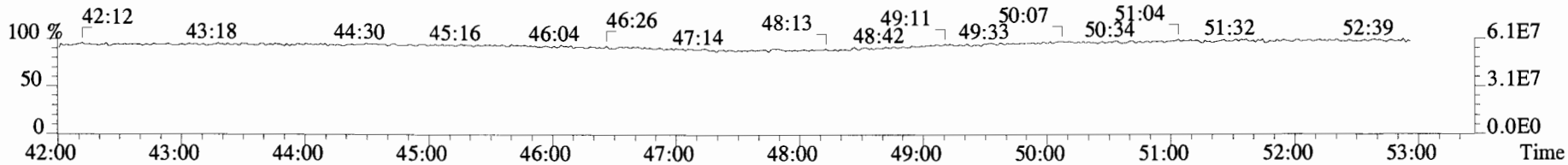
403.8457 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9196.0,0.00%,F,F)



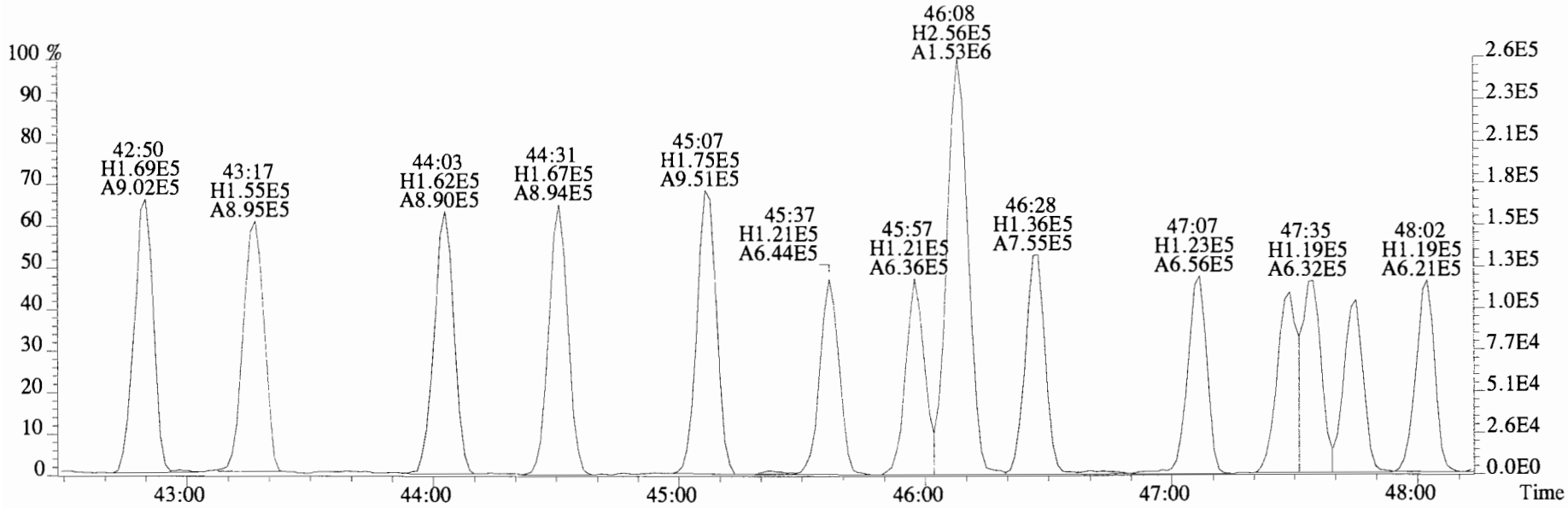
405.8428 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19096.0,0.00%,F,F)



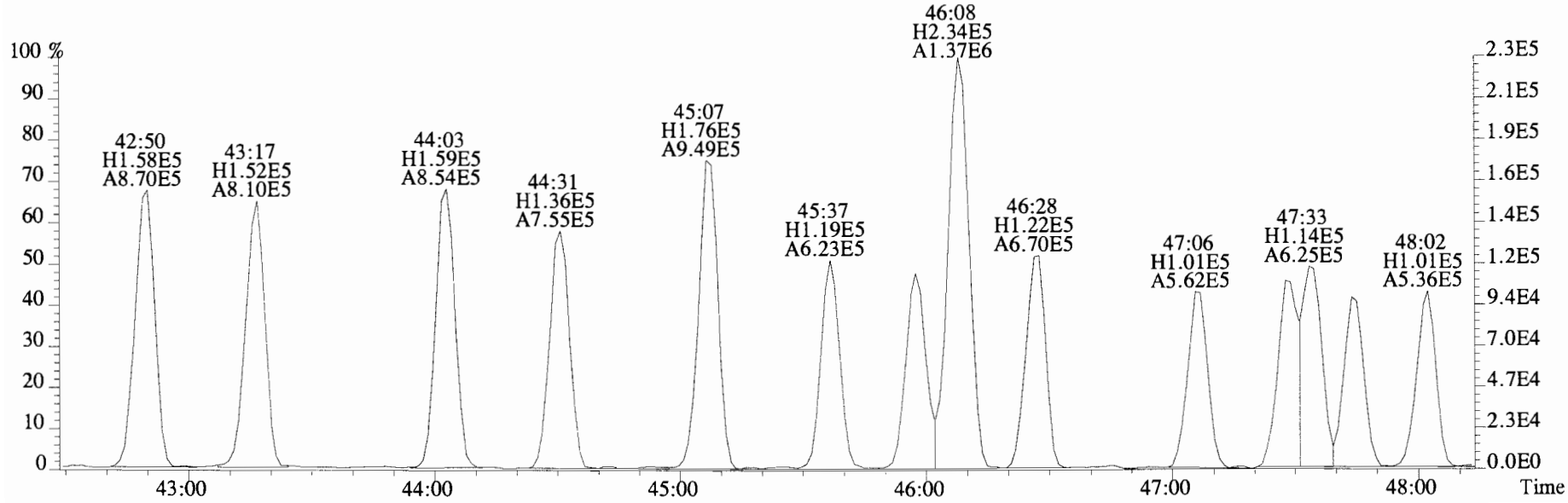
380.9760 S:2 F:4



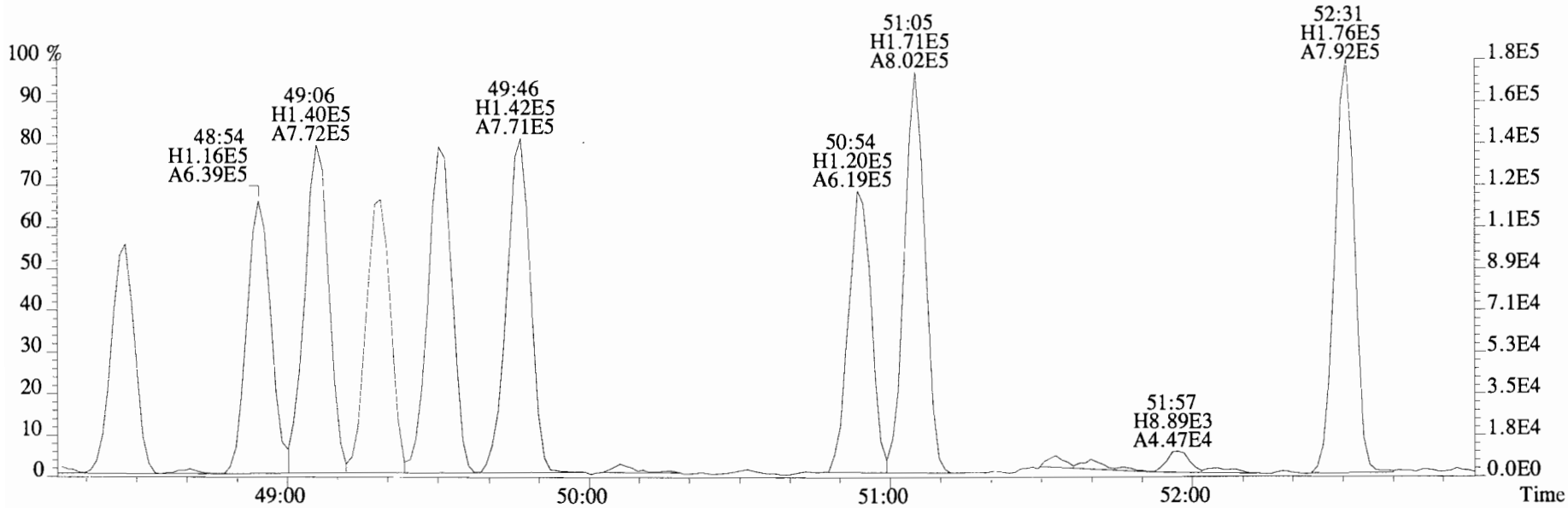
File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
393.8025 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2760.0,0.00%,F,F)



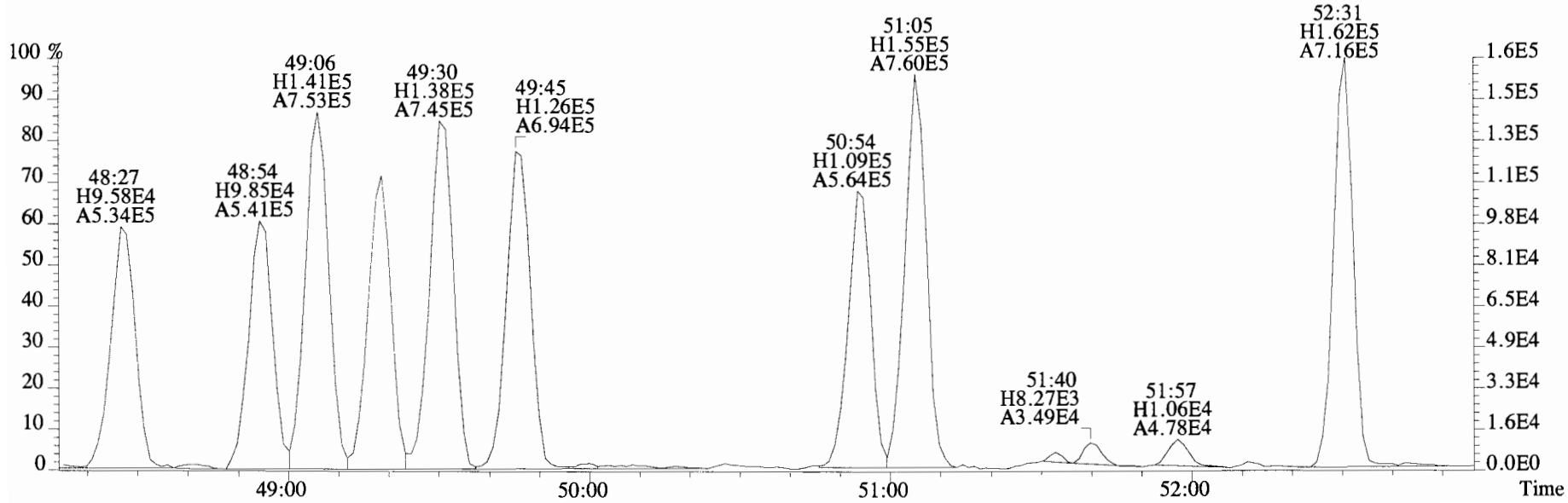
395.7995 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2288.0,0.00%,F,F)



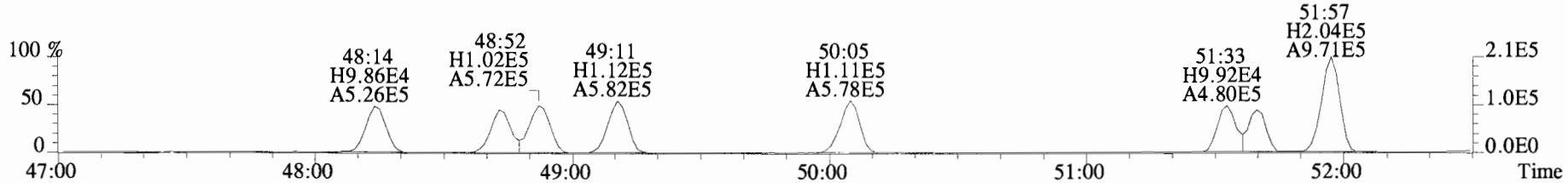
File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
393.8025 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2760.0,0.00%,F,F)



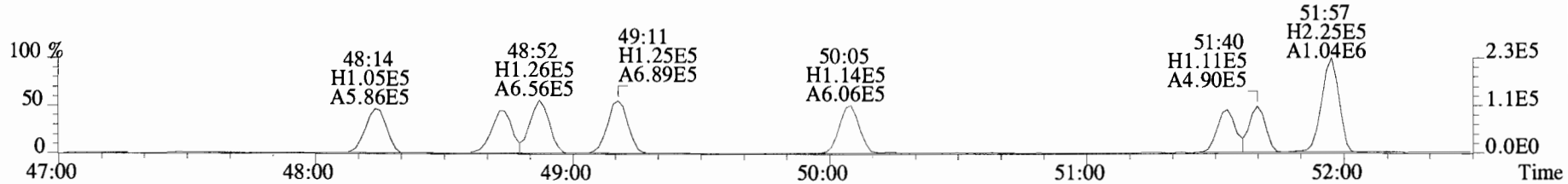
395.7995 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2288.0,0.00%,F,F)



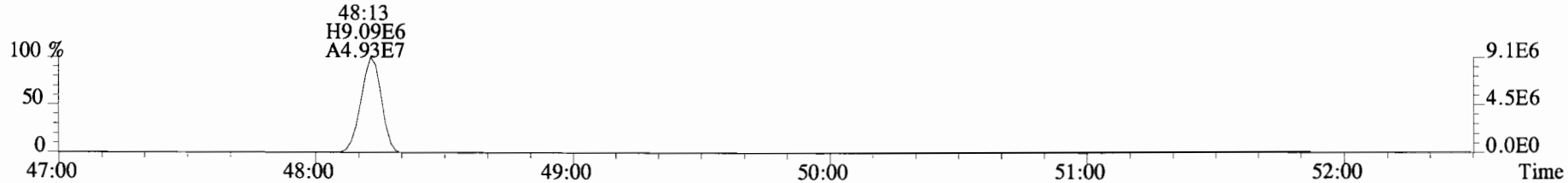
File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
427.7635 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2072.0,0.00%,F,F)



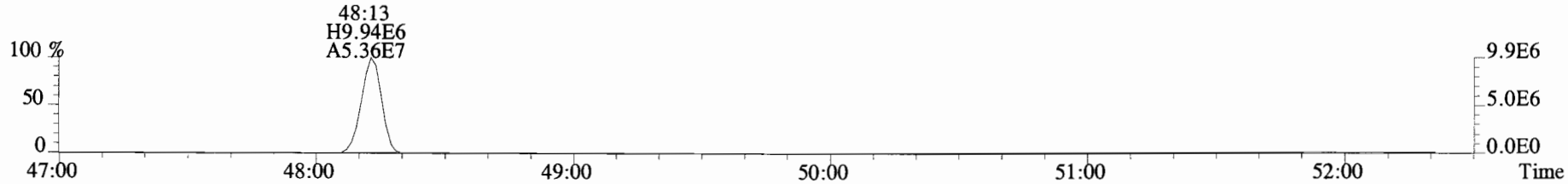
429.7606 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2144.0,0.00%,F,F)



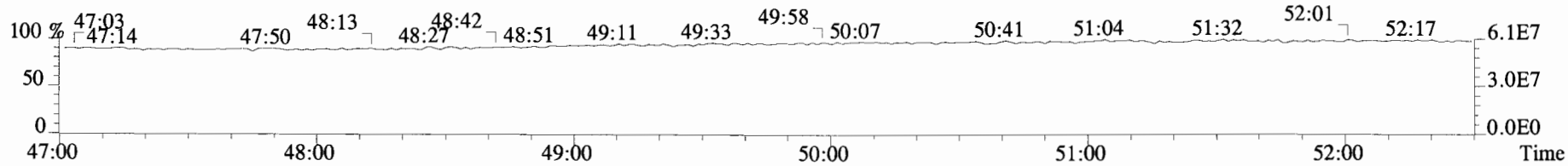
439.8038 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1684.0,0.00%,F,F)



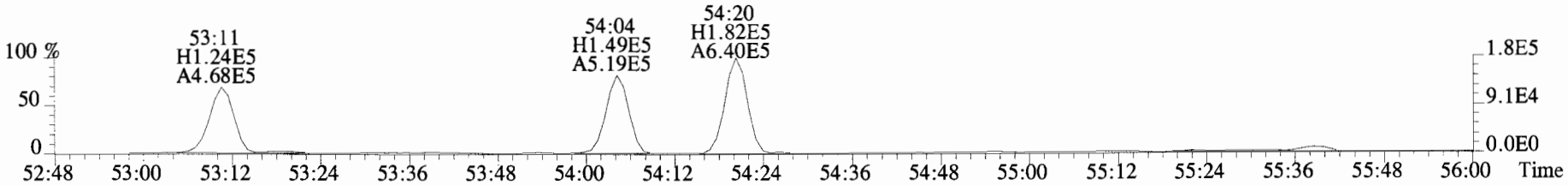
441.8008 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1532.0,0.00%,F,F)



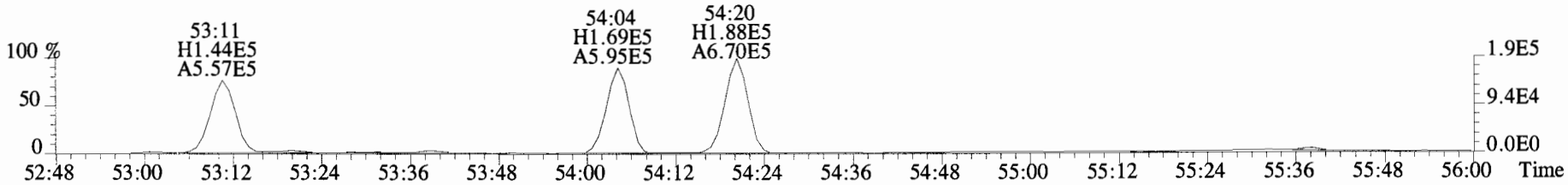
380.9760 S:2 F:4



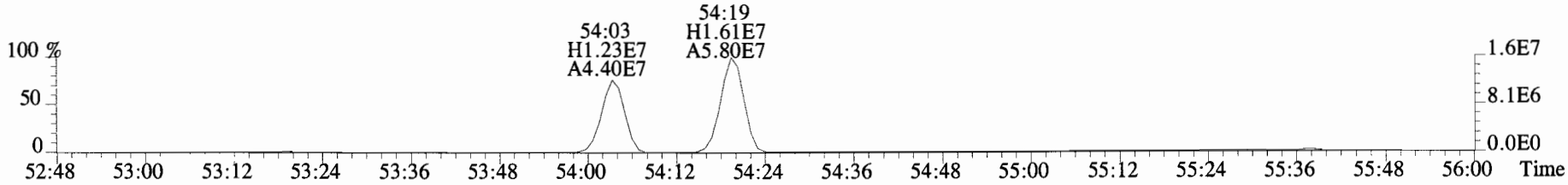
File:180208E1 #1-406 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
427.7635 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1956.0,0.00%,F,F)



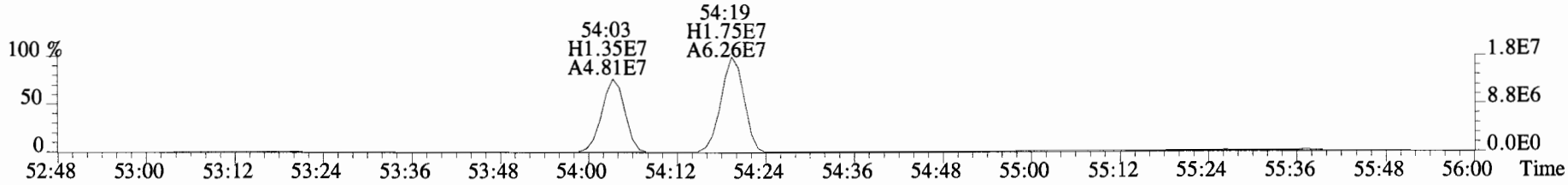
429.7606 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2004.0,0.00%,F,F)



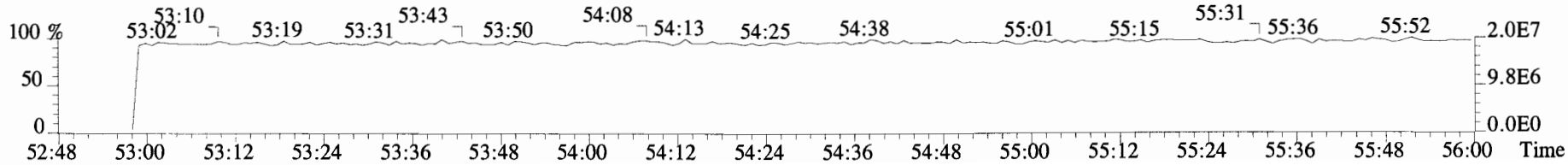
439.8038 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8404.0,0.00%,F,F)



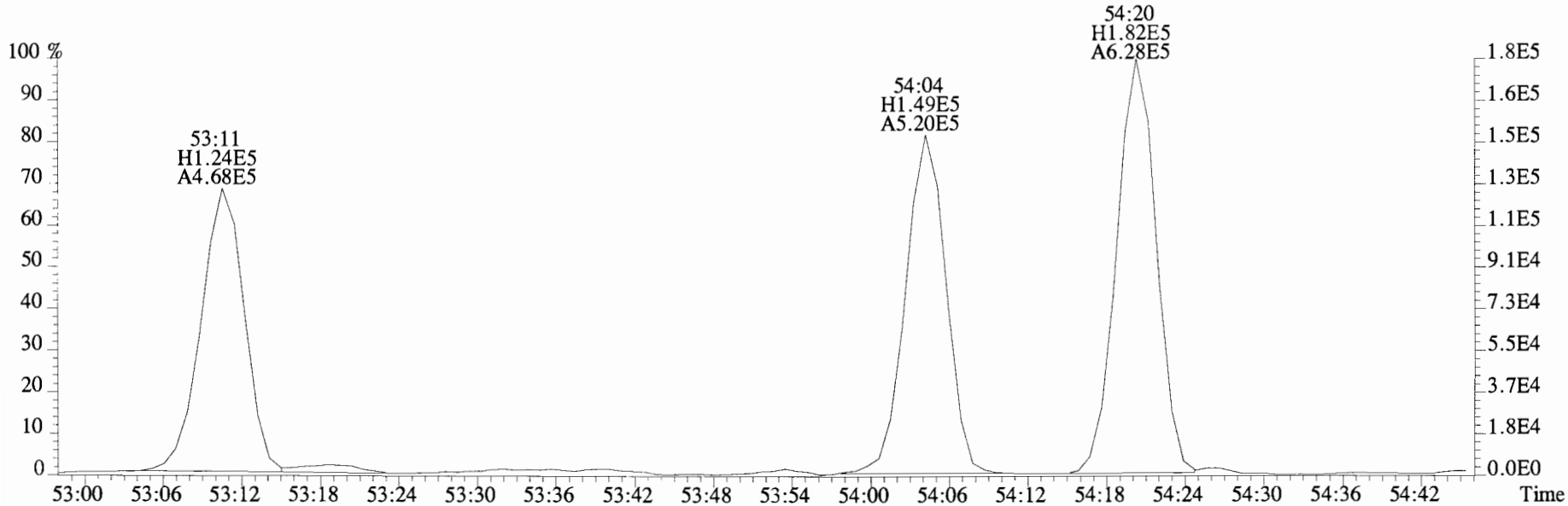
441.8008 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11356.0,0.00%,F,F)



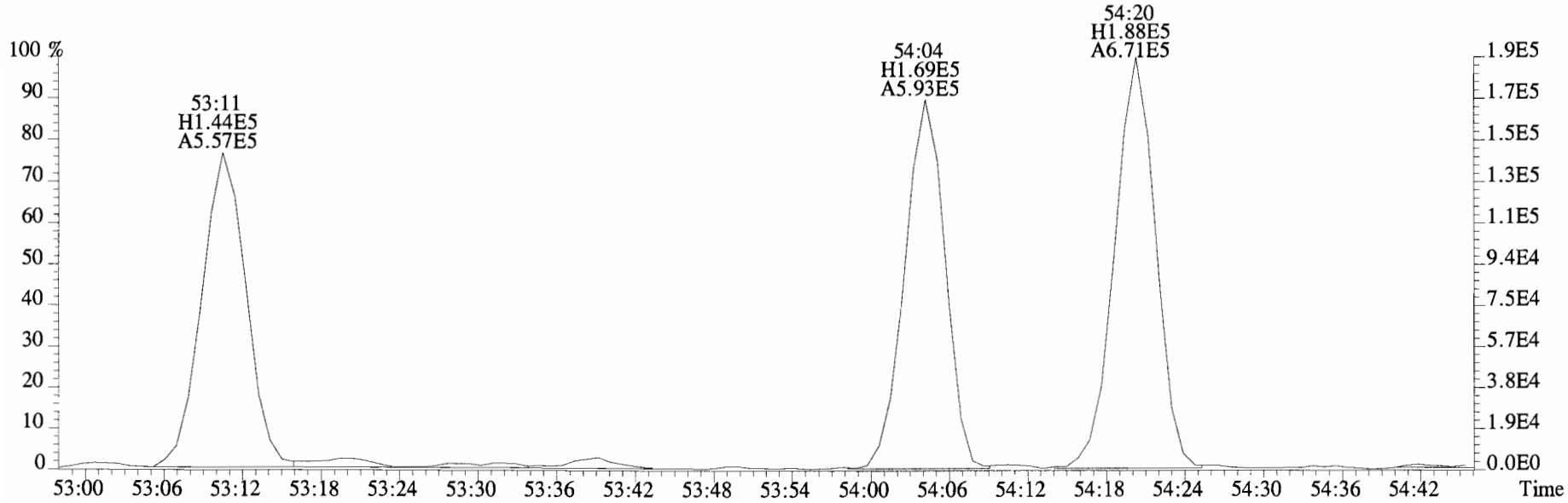
492.9697 S:2 F:5



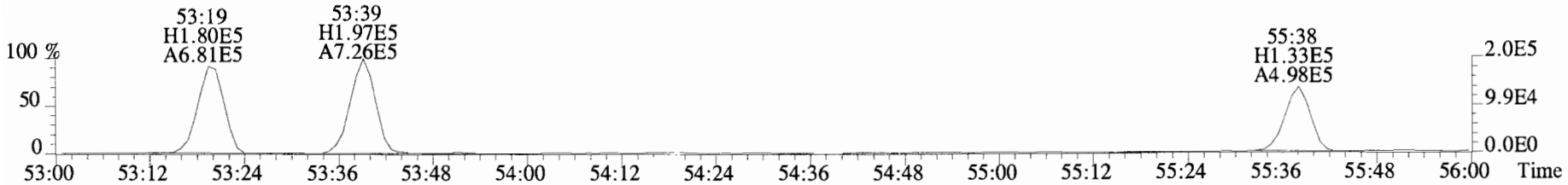
File:180208E1 #1-406 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
427.7635 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1956.0,0.00%,F,F)



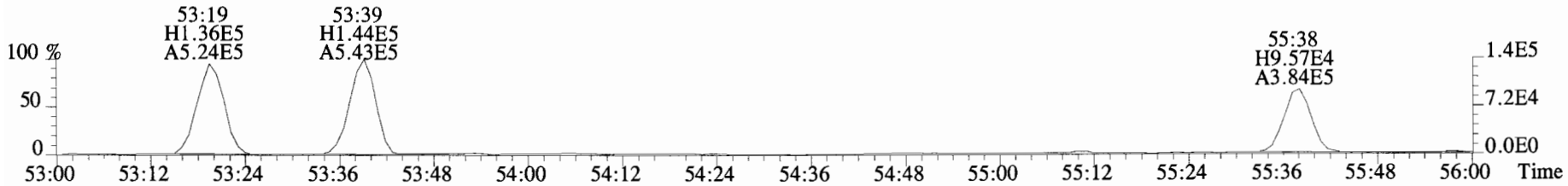
429.7606 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2004.0,0.00%,F,F)



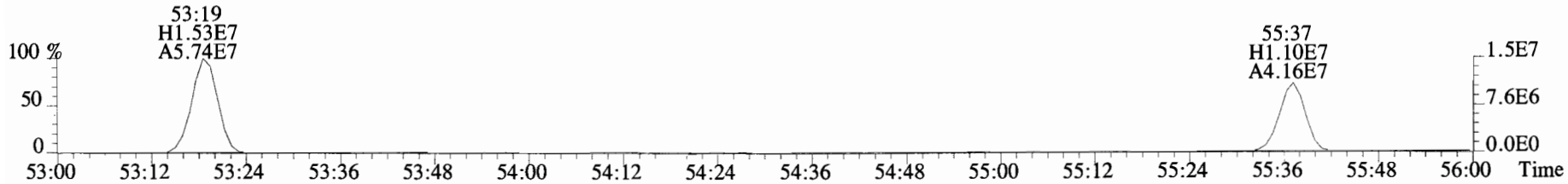
File:180208E1 #1-406 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
463.7216 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2136.0,0.00%,F,F)



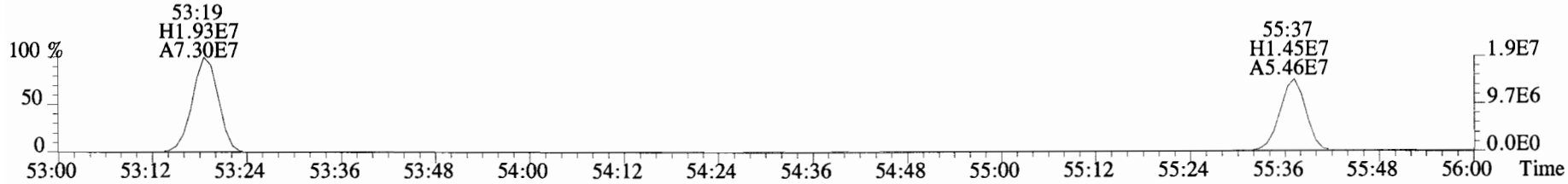
465.7186 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2004.0,0.00%,F,F)



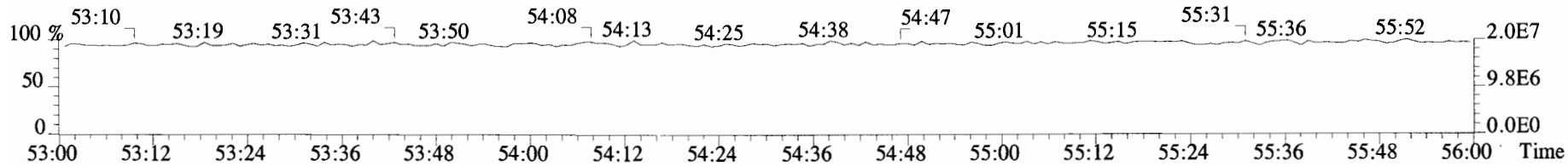
473.7648 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,52944.0,0.00%,F,F)



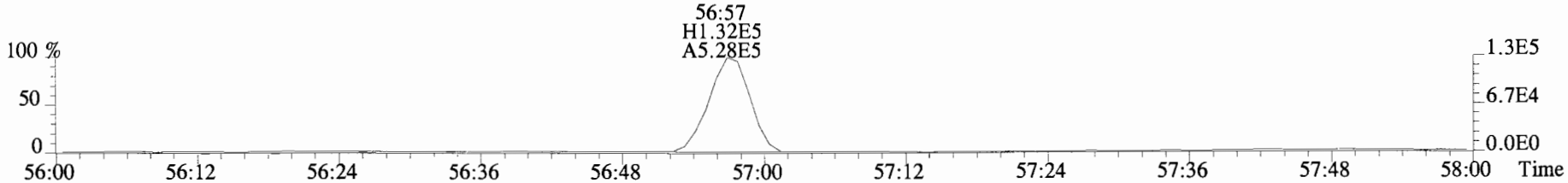
475.7619 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,60288.0,0.00%,F,F)



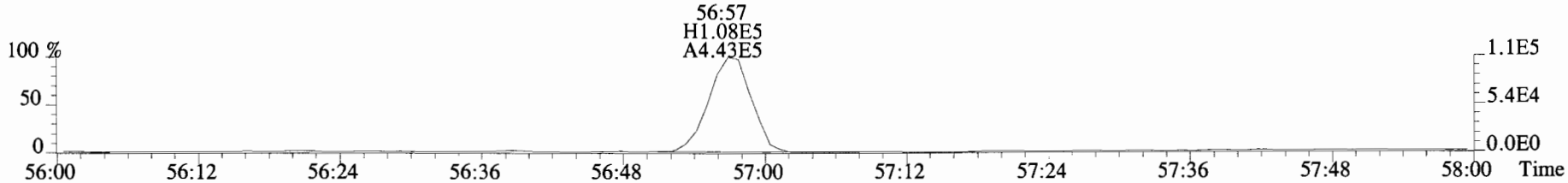
492.9697 S:2 F:5



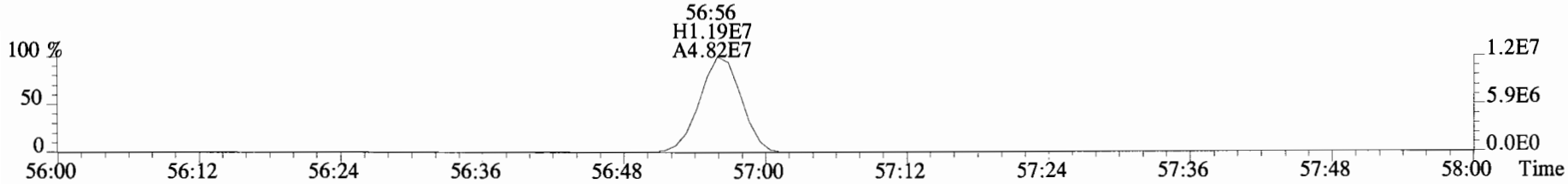
File:180208E1 #1-406 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
497.6826 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1596.0,0.00%,F,F)



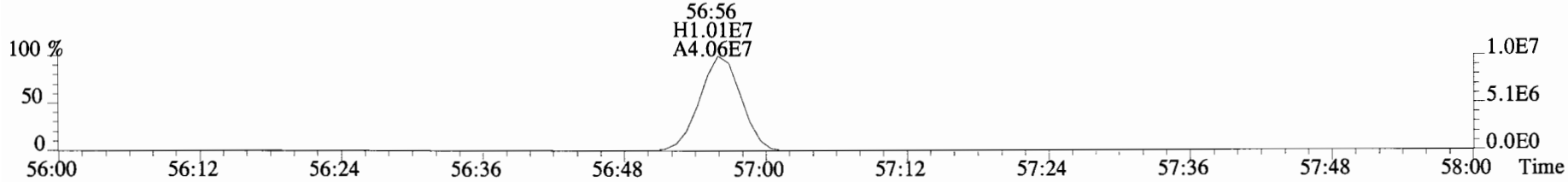
499.6797 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1524.0,0.00%,F,F)



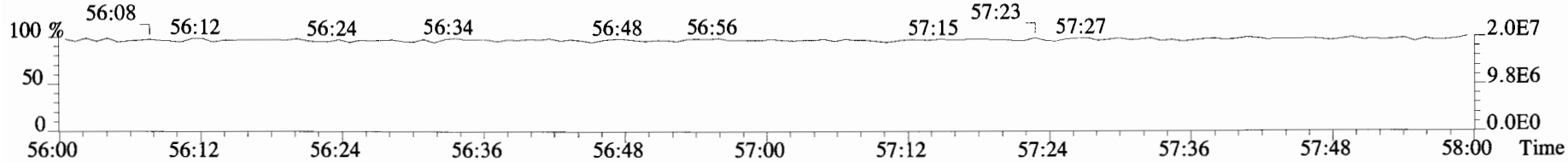
509.7229 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1608.0,0.00%,F,F)



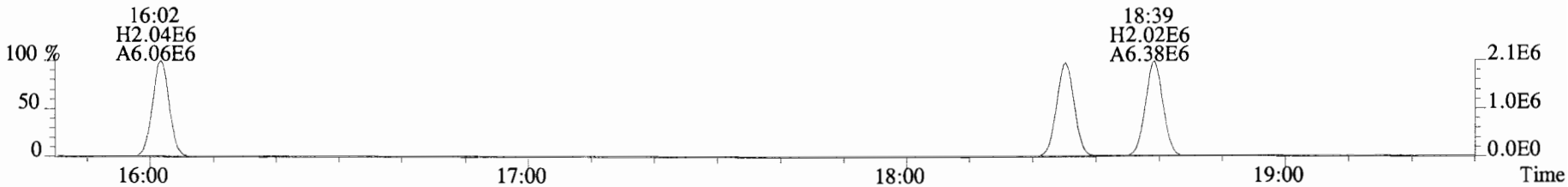
511.7199 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1848.0,0.00%,F,F)



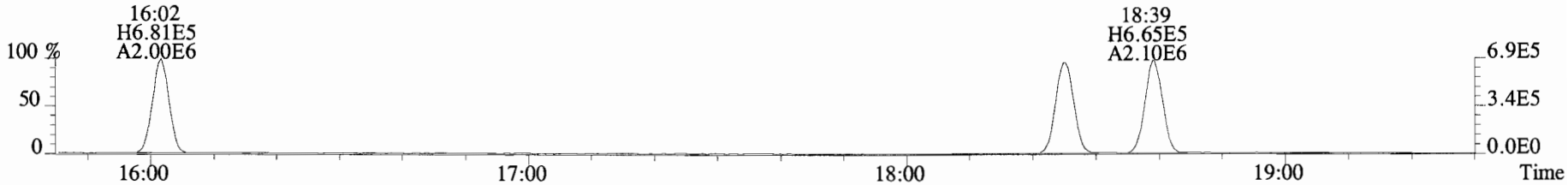
492.9697 S:2 F:5



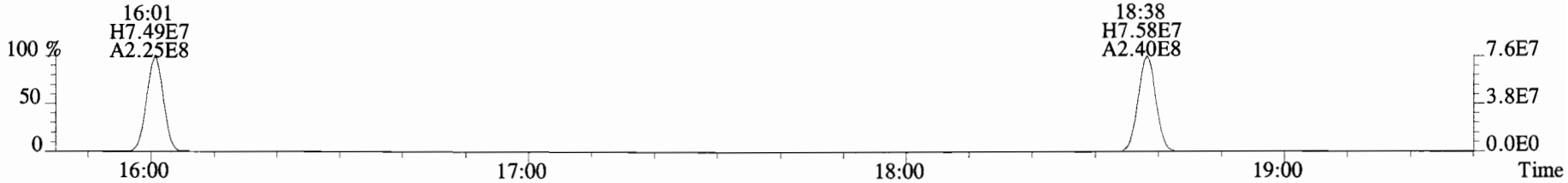
File:180208E1 #1-867 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
188.0393 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12760.0,0.00%,F,F)



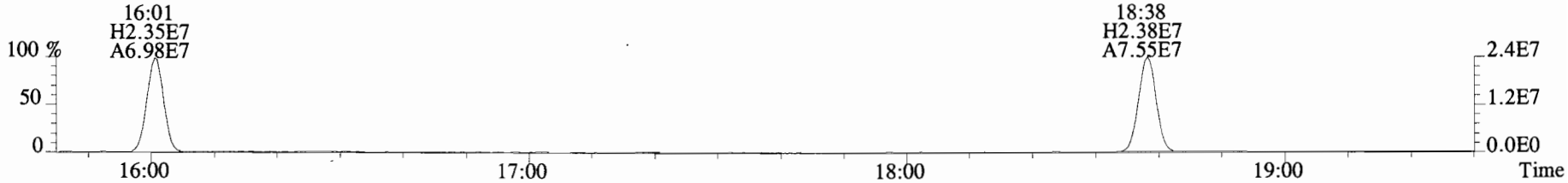
190.0363 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7840.0,0.00%,F,F)



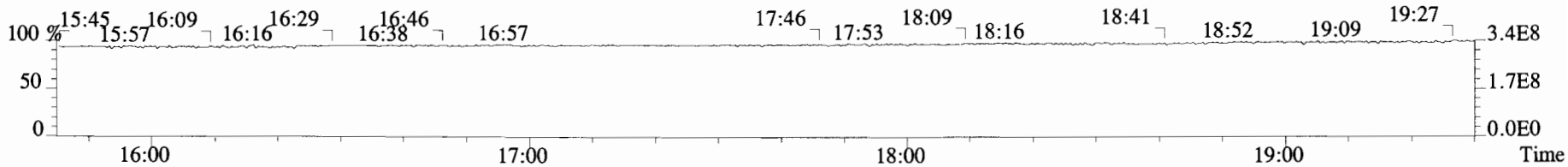
200.0795 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9684.0,0.00%,F,F)



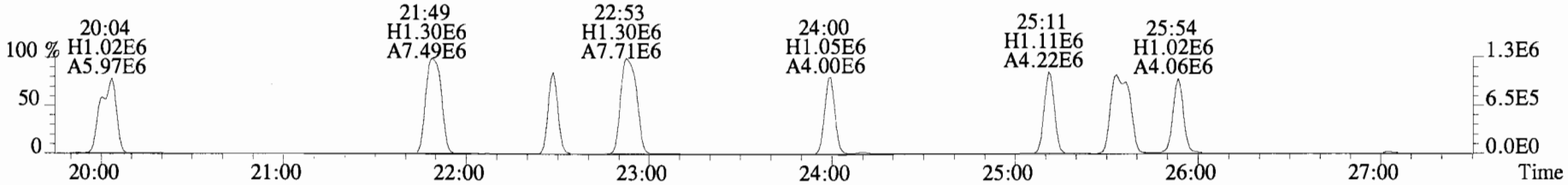
202.0766 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,82544.0,0.00%,F,F)



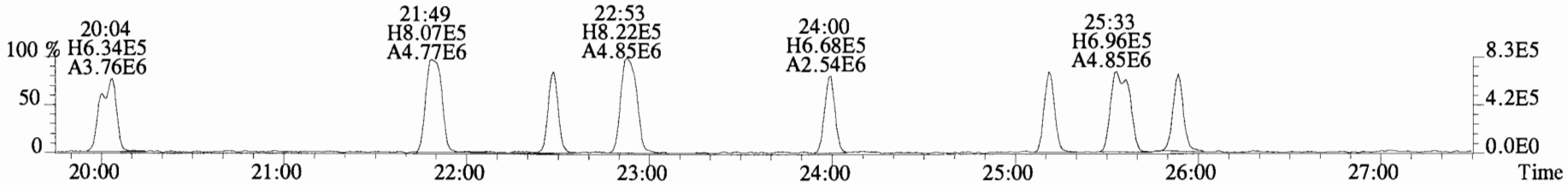
180.9880 S:3



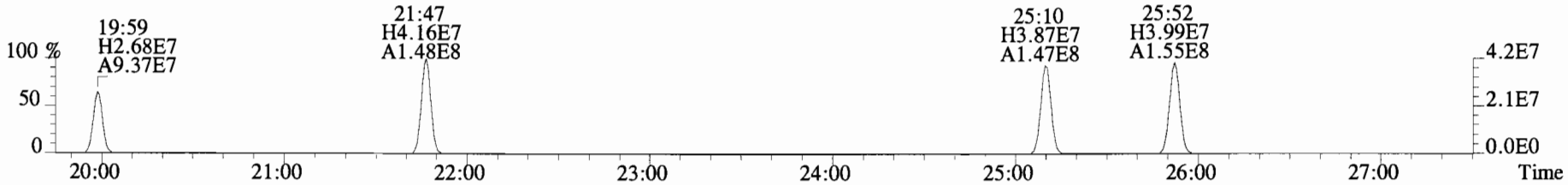
File:180208E1 #1-757 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
222.0003 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2700.0,0.00%,F,F)



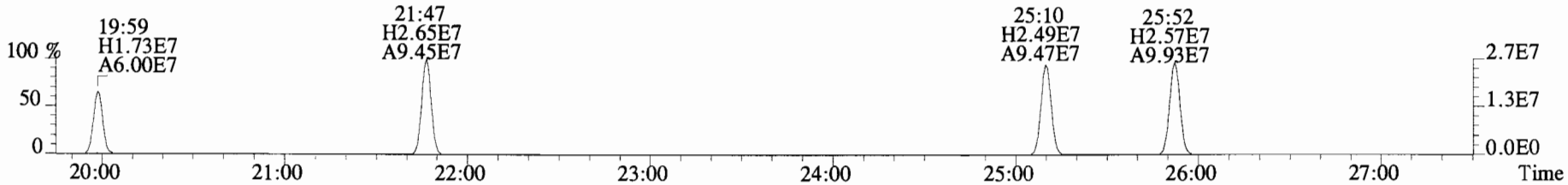
223.9974 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14968.0,0.00%,F,F)



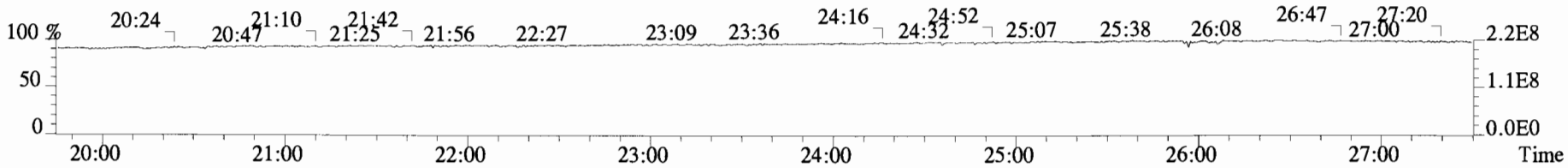
234.0406 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6620.0,0.00%,F,F)



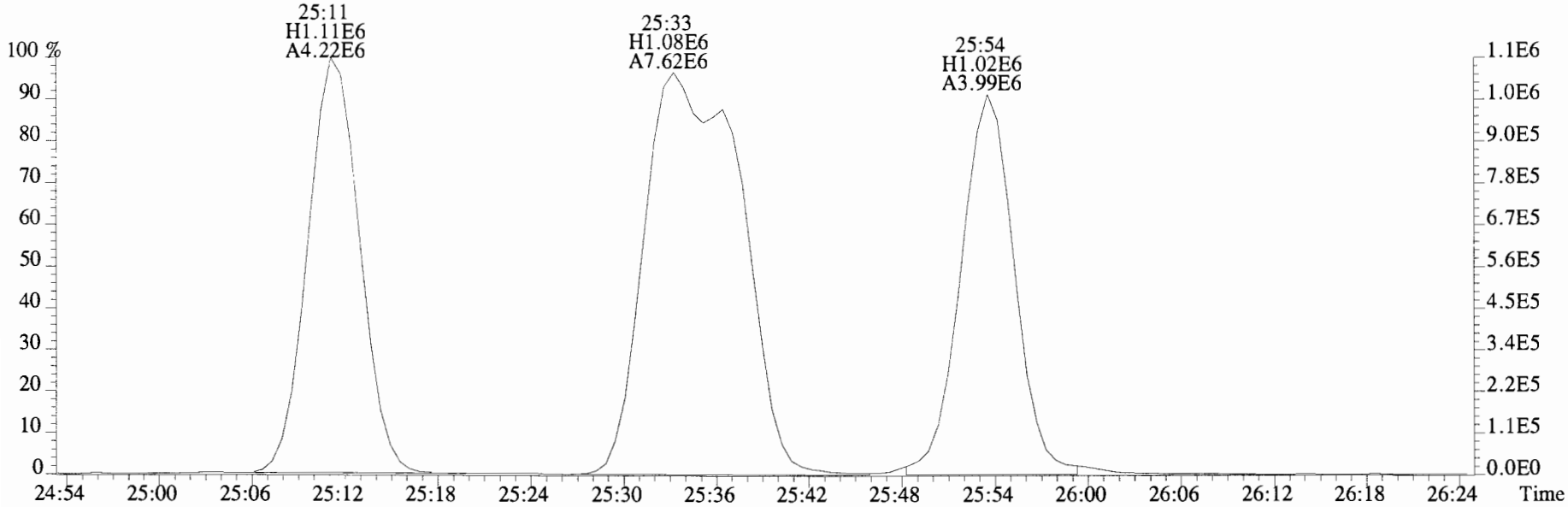
236.0376 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5296.0,0.00%,F,F)



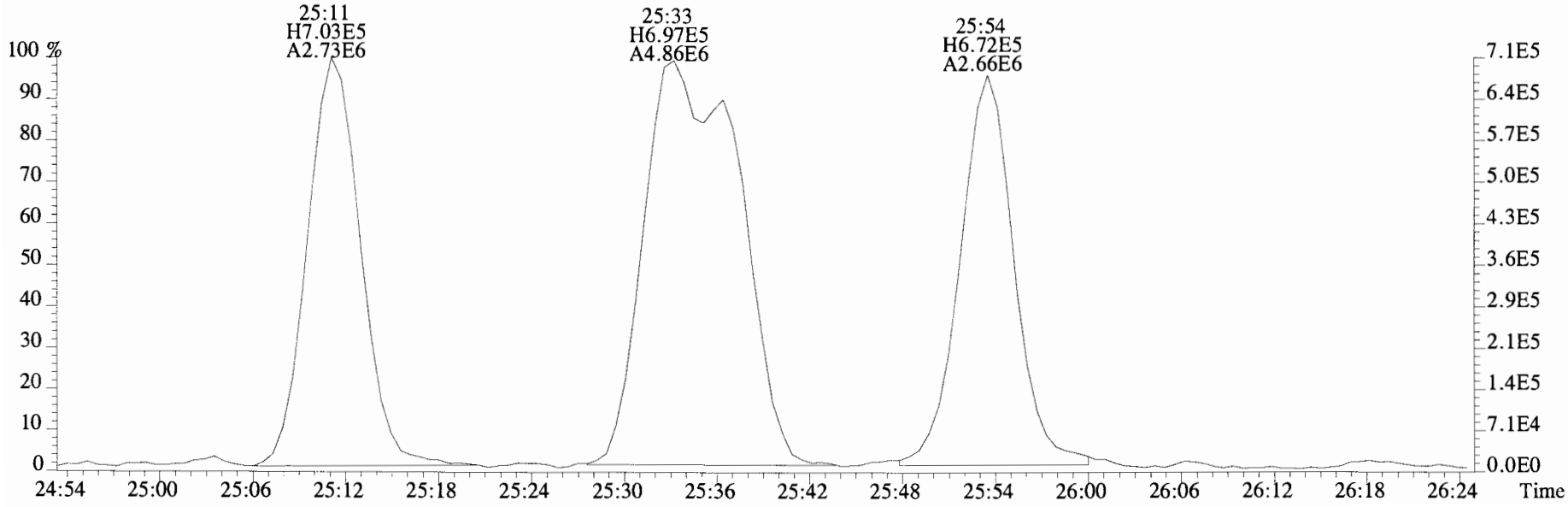
230.9856 S:3 F:2



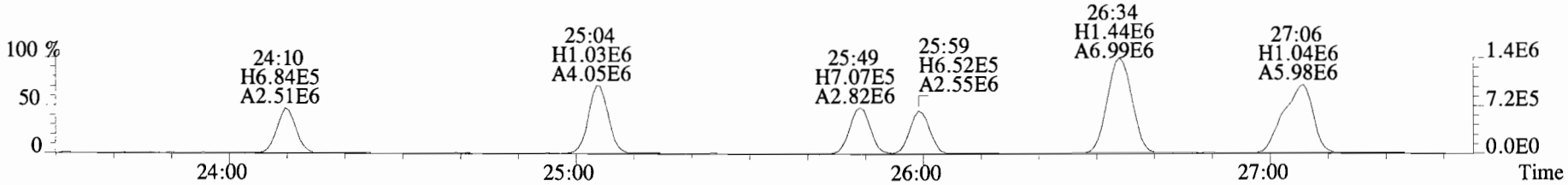
File:180208E1 #1-757 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
222.0003 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2700.0,0.00%,F,F)



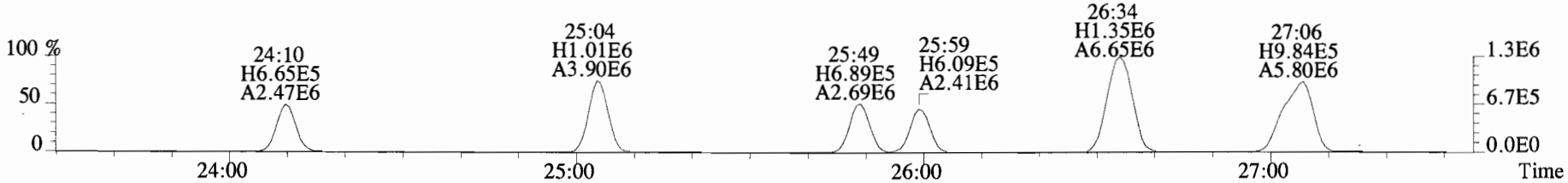
223.9974 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14968.0,0.00%,F,F)



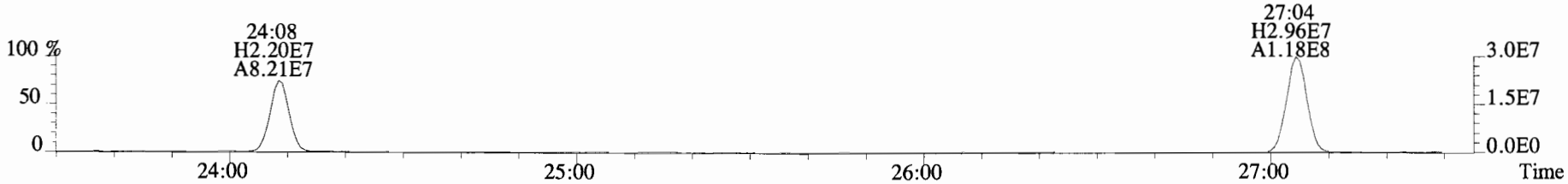
File:180208E1 #1-757 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
255.9613 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4124.0,0.00%,F,F)



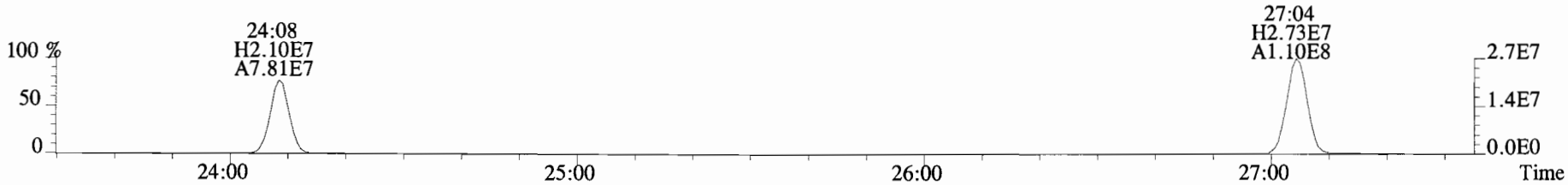
257.9584 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2868.0,0.00%,F,F)



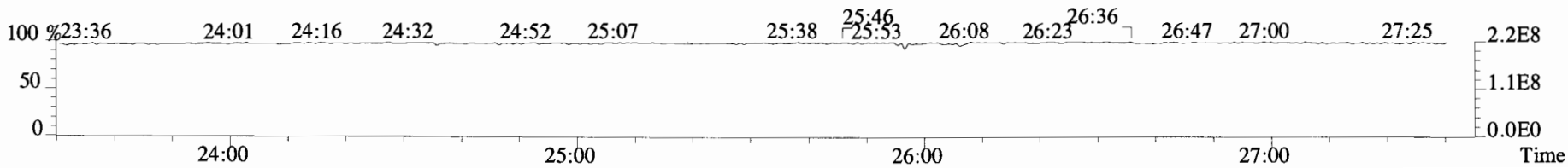
268.0016 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,96708.0,0.00%,F,F)



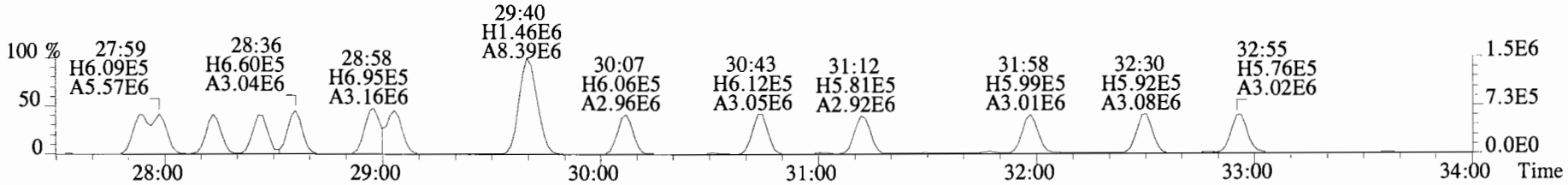
269.9986 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,42044.0,0.00%,F,F)



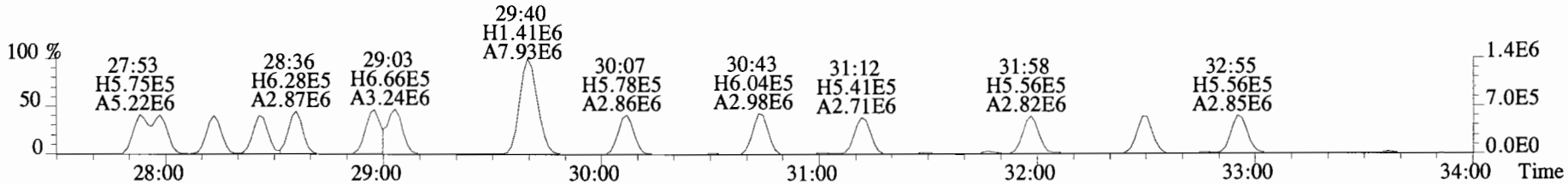
230.9856 S:3 F:2



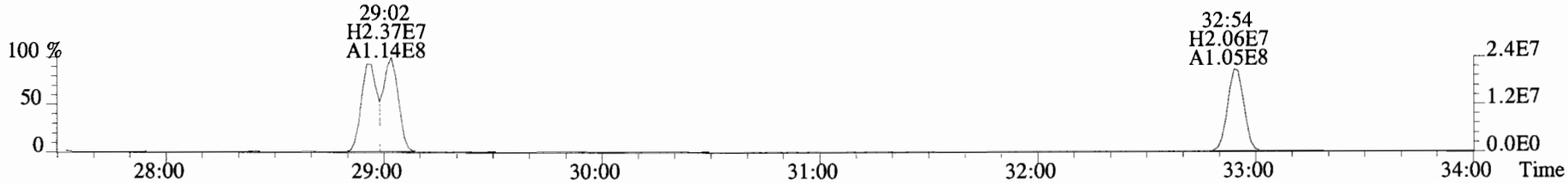
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
255.9613 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4104.0,0.00%,F,F)



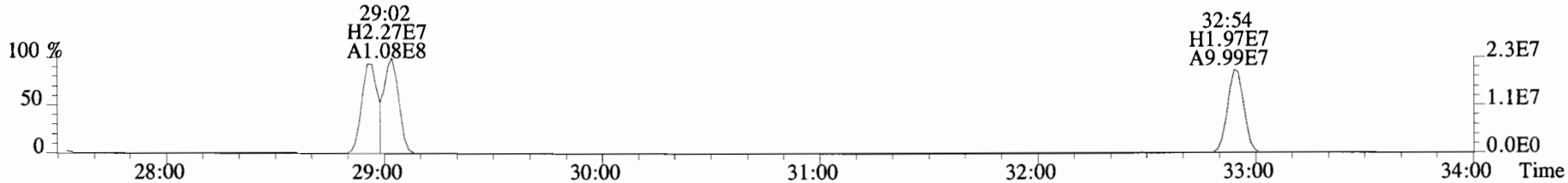
257.9584 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3400.0,0.00%,F,F)



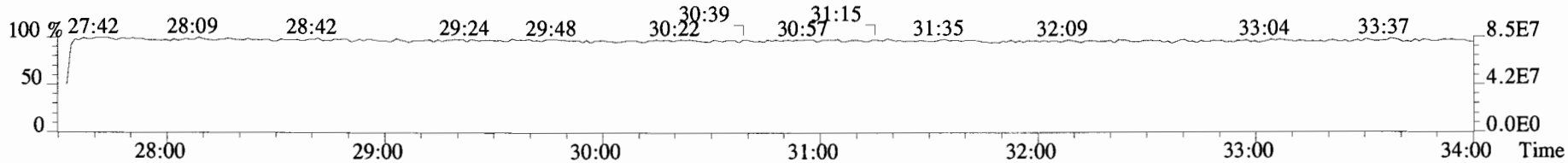
268.0016 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,101400.0,0.00%,F,F)



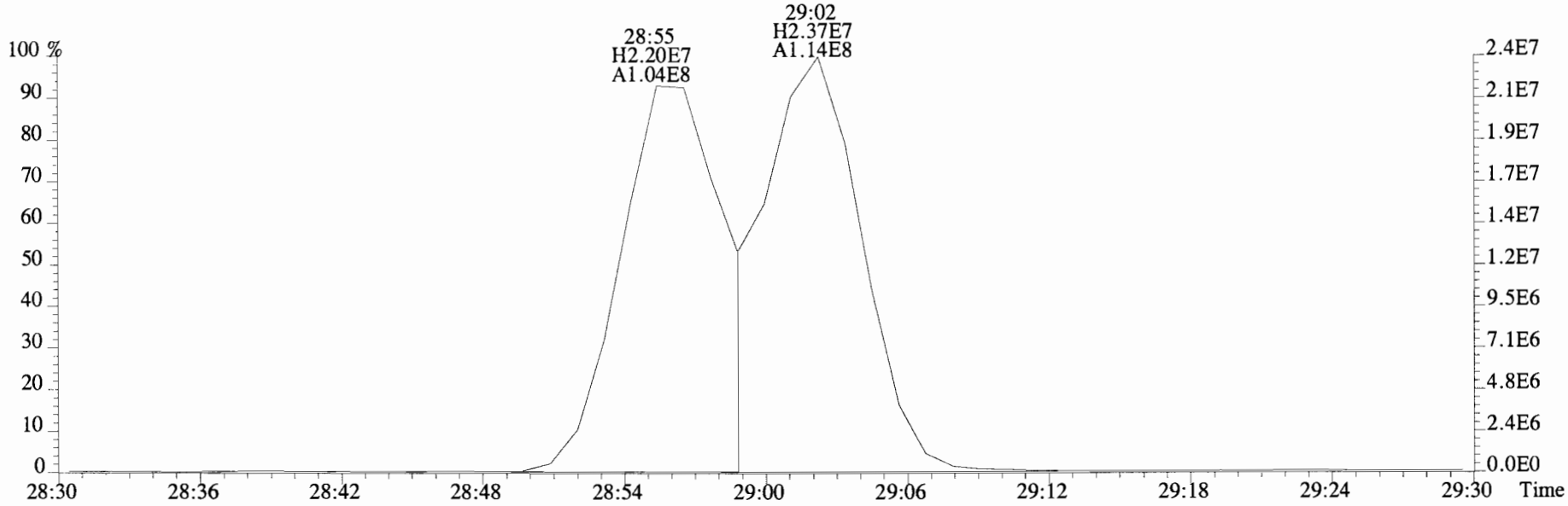
269.9986 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25516.0,0.00%,F,F)



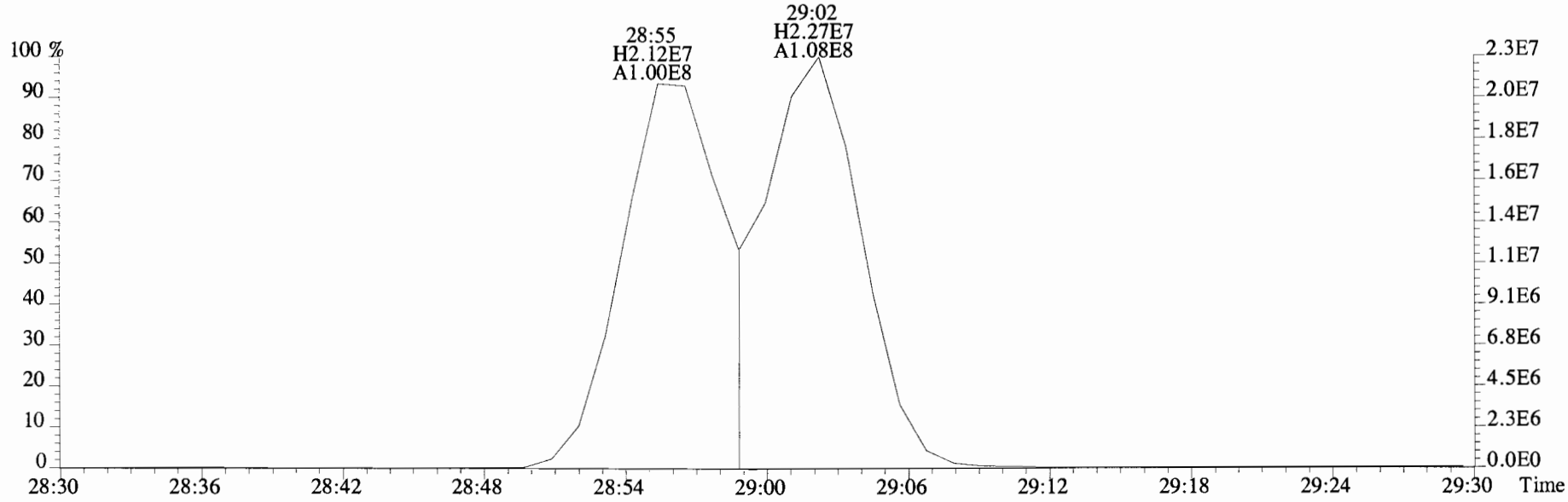
330.9792 S:3 F:3



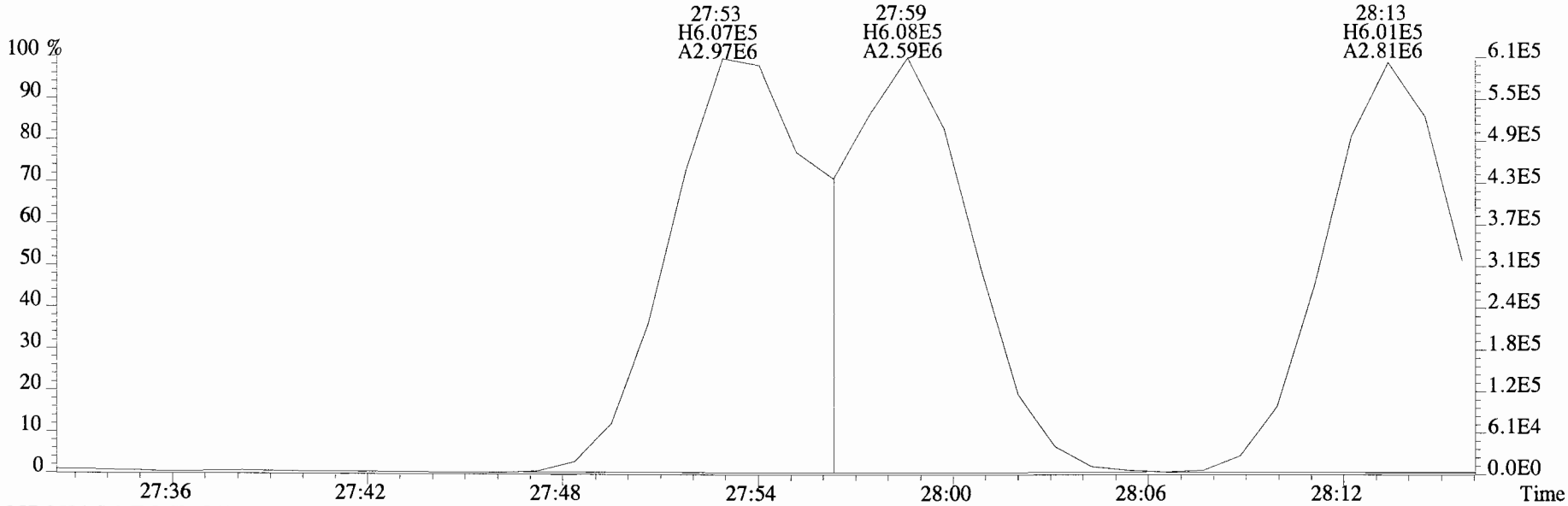
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
268.0016 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,101400.0,0.00%,F,F)



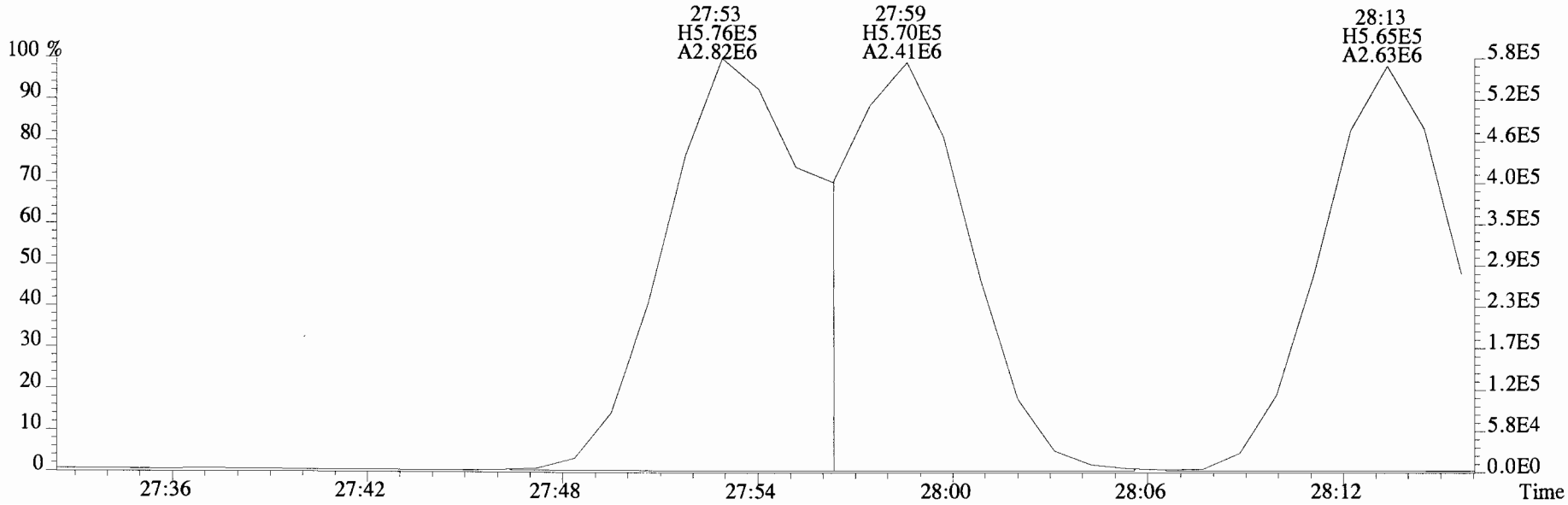
269.9986 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25516.0,0.00%,F,F)



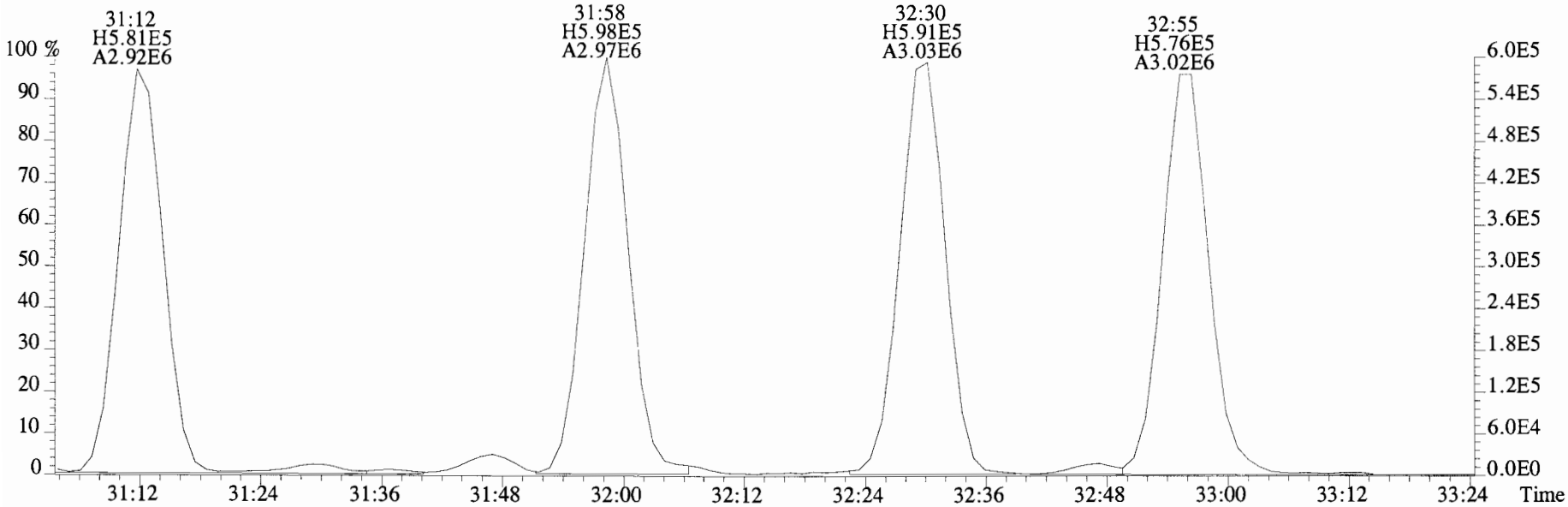
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
255.9613 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4104.0,0.00%,F,F)



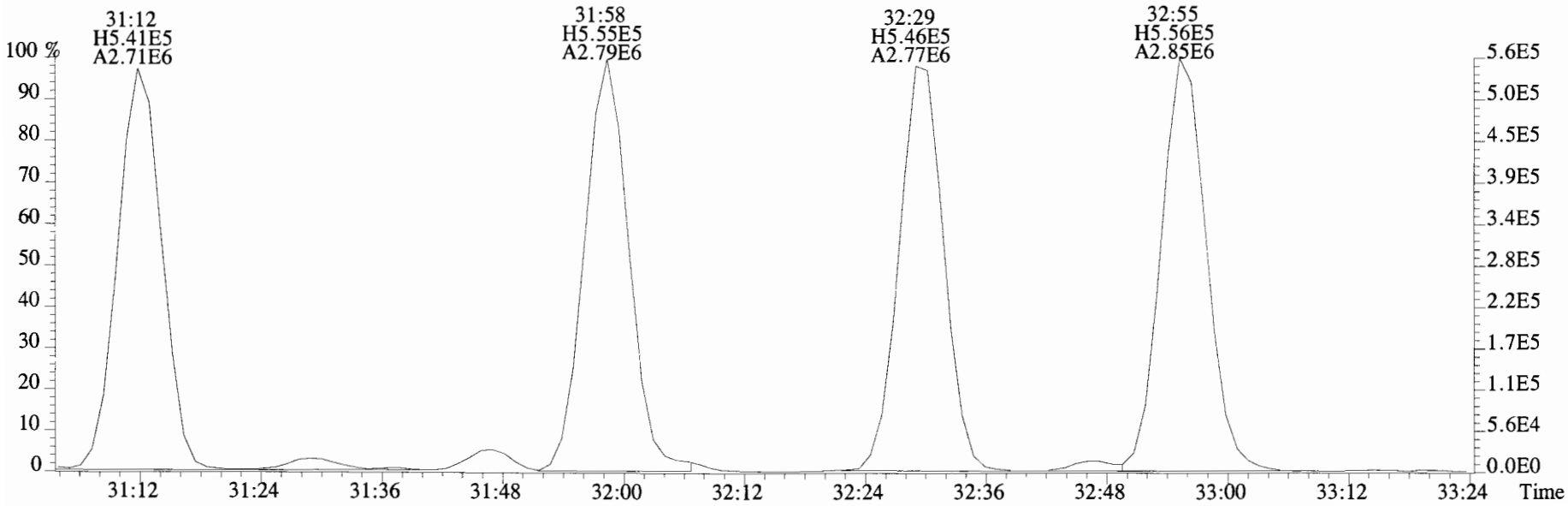
257.9584 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3400.0,0.00%,F,F)



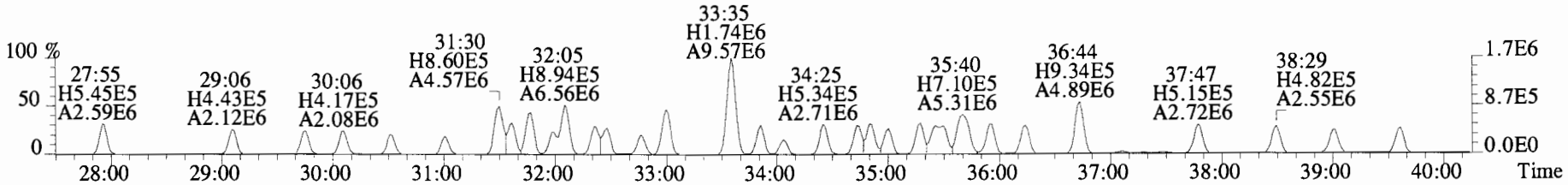
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
255.9613 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4104.0,0.00%,F,F)



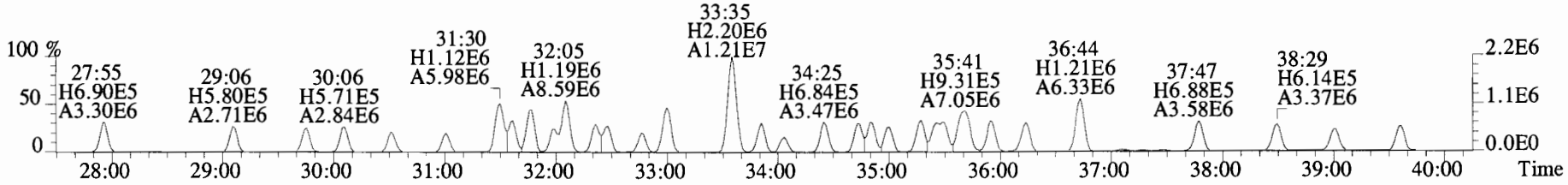
257.9584 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3400.0,0.00%,F,F)



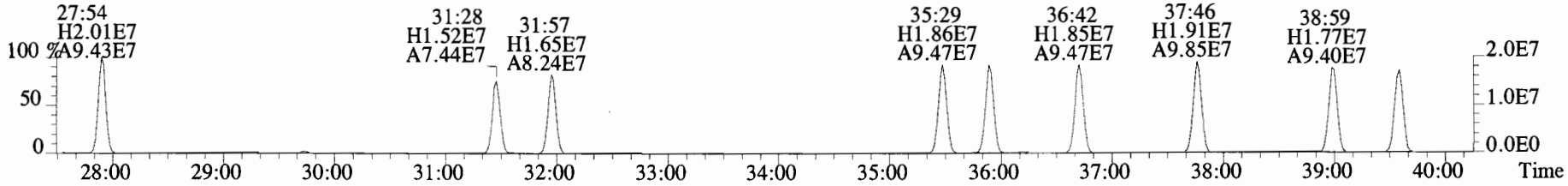
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3152.0,0.00%,F,F)



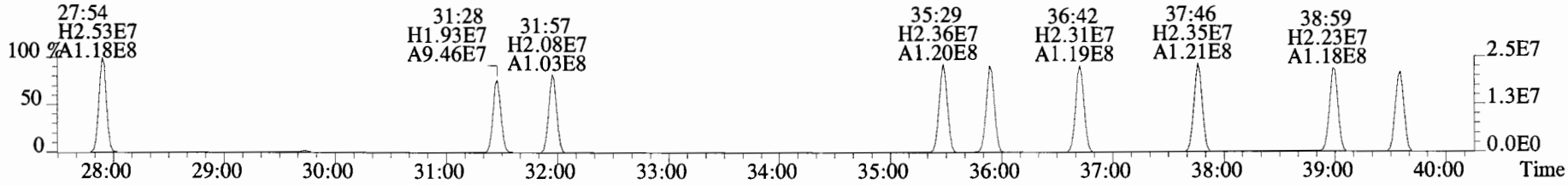
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3488.0,0.00%,F,F)



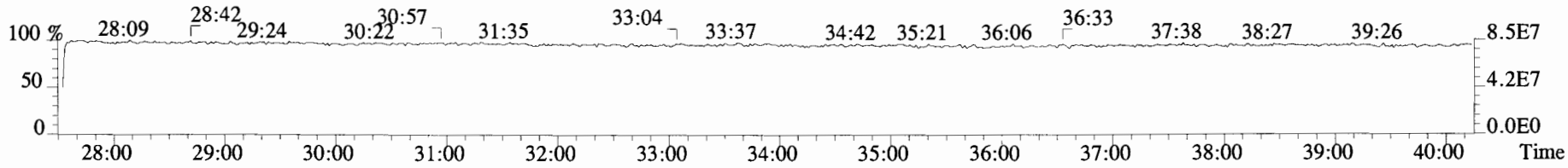
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39160.0,0.00%,F,F)



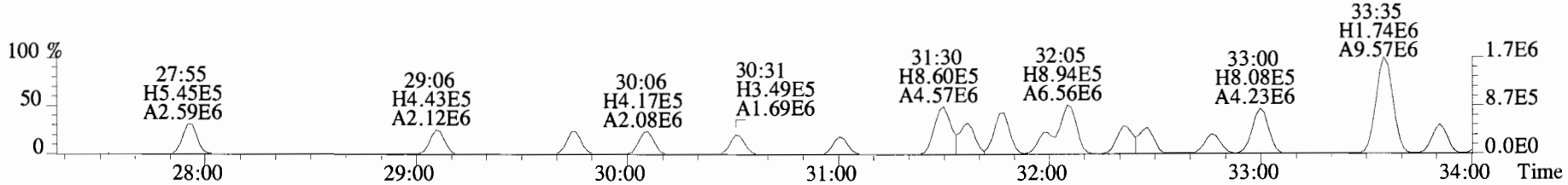
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22808.0,0.00%,F,F)



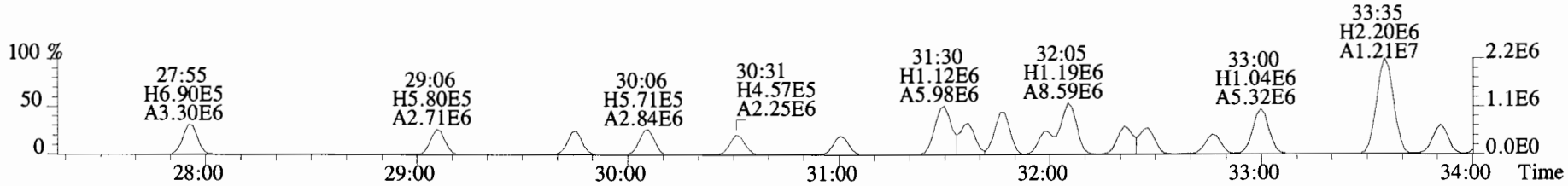
330.9792 S:3 F:3



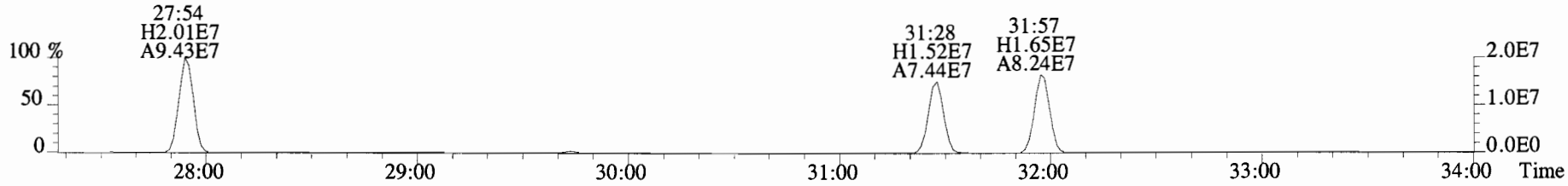
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3152.0,0.00%,F,F)



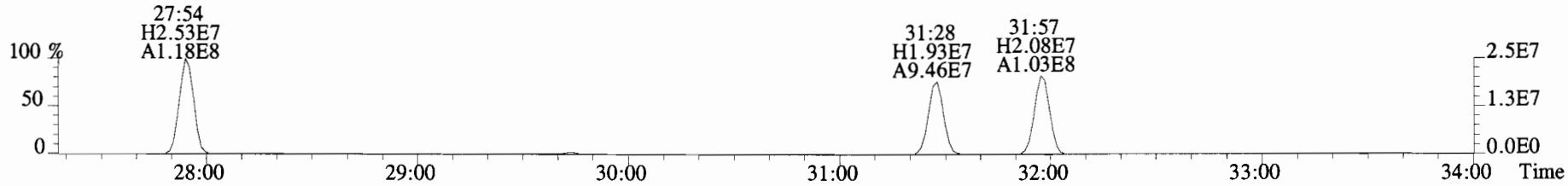
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3488.0,0.00%,F,F)



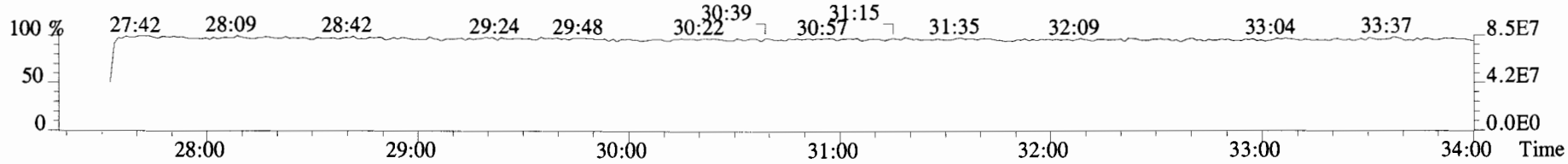
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39160.0,0.00%,F,F)



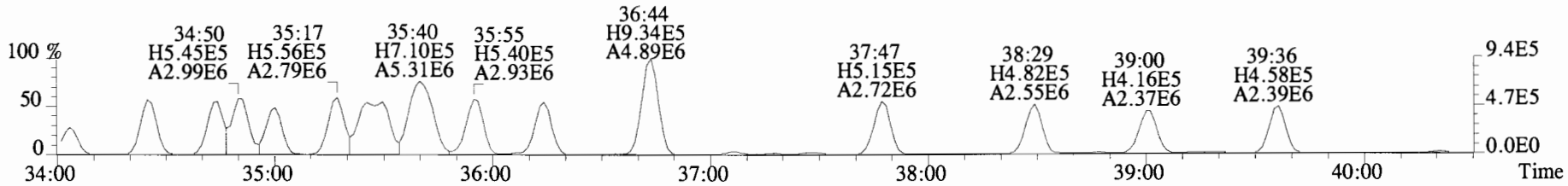
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22808.0,0.00%,F,F)



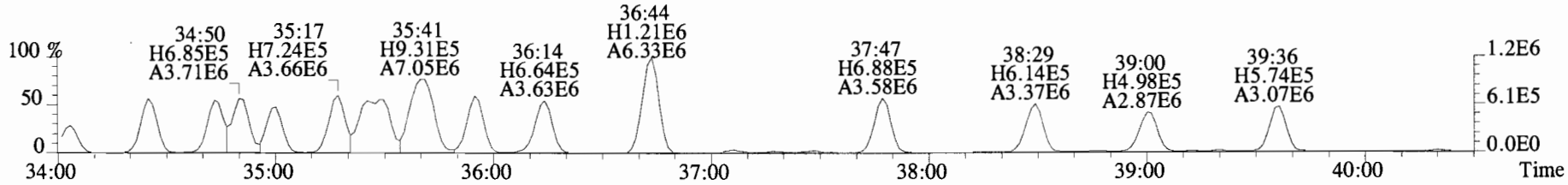
330.9792 S:3 F:3



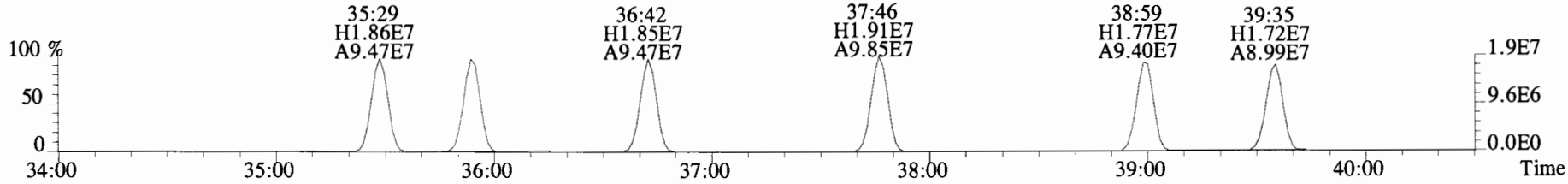
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3152.0,0.00%,F,F)



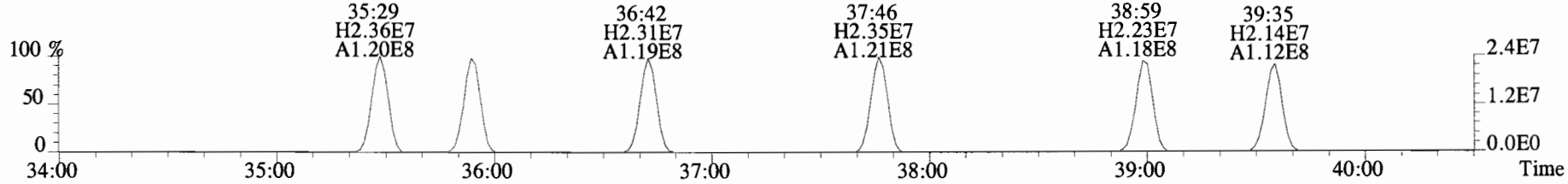
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3488.0,0.00%,F,F)



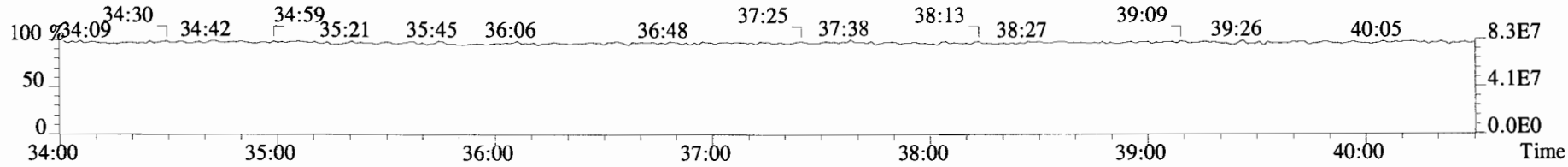
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39160.0,0.00%,F,F)



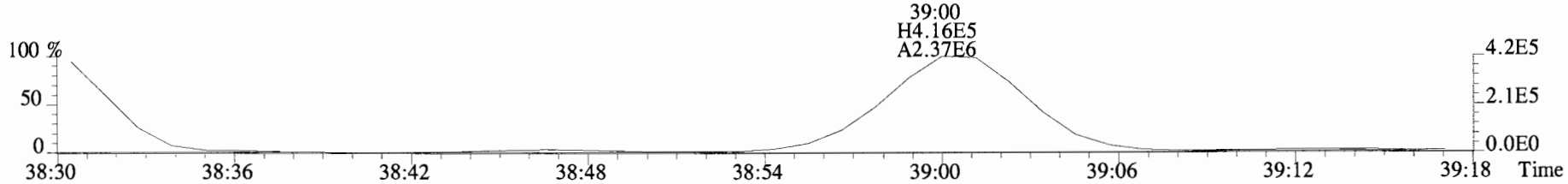
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22808.0,0.00%,F,F)



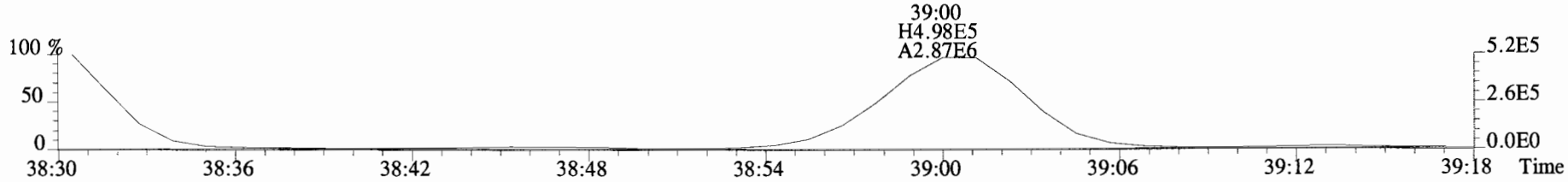
330.9792 S:3 F:3



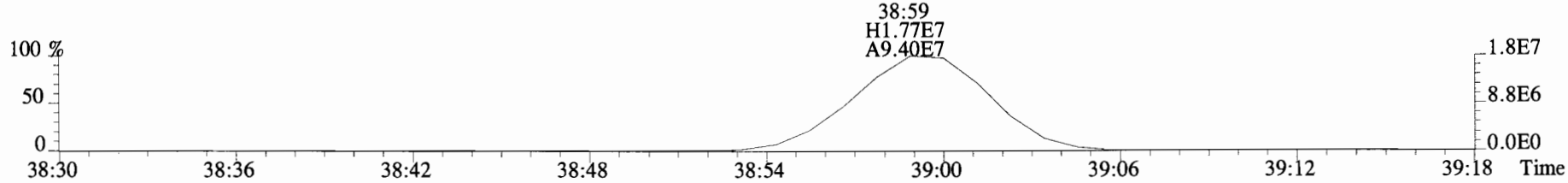
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3152.0,0.00%,F,F)



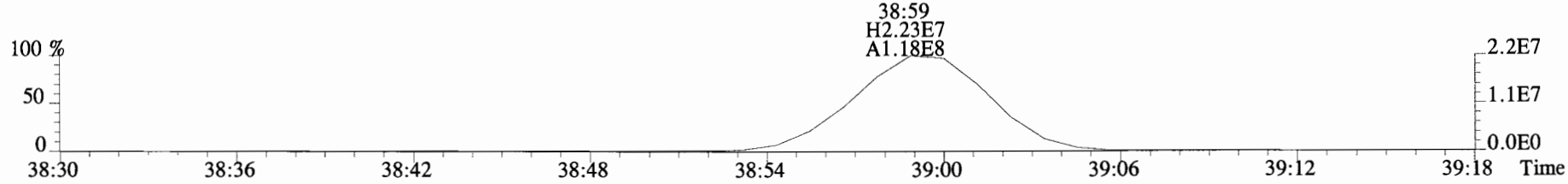
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3488.0,0.00%,F,F)



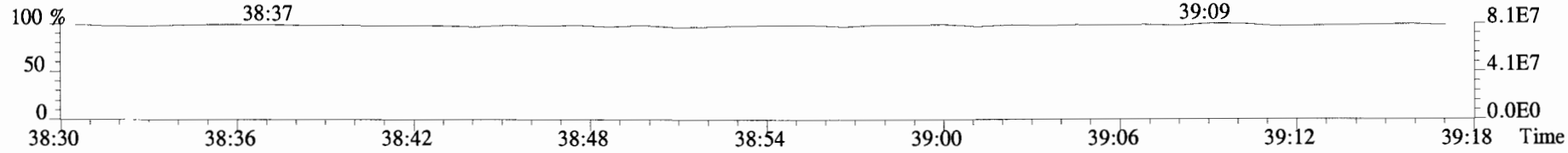
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39160.0,0.00%,F,F)



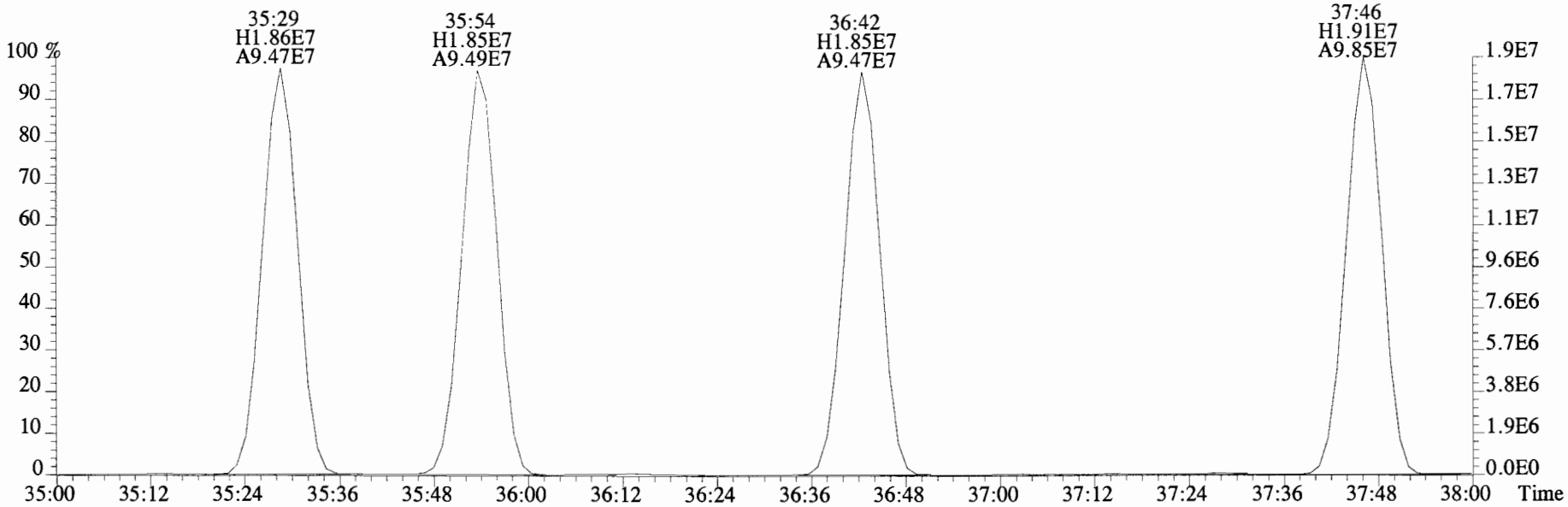
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22808.0,0.00%,F,F)



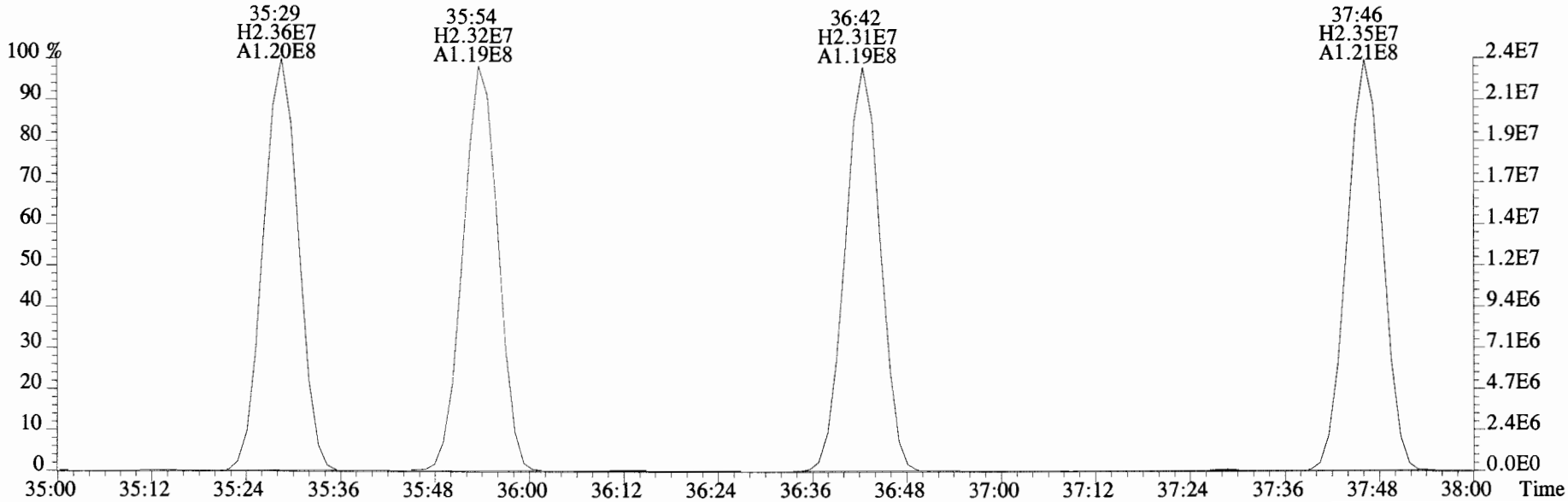
330.9792 S:3 F:3



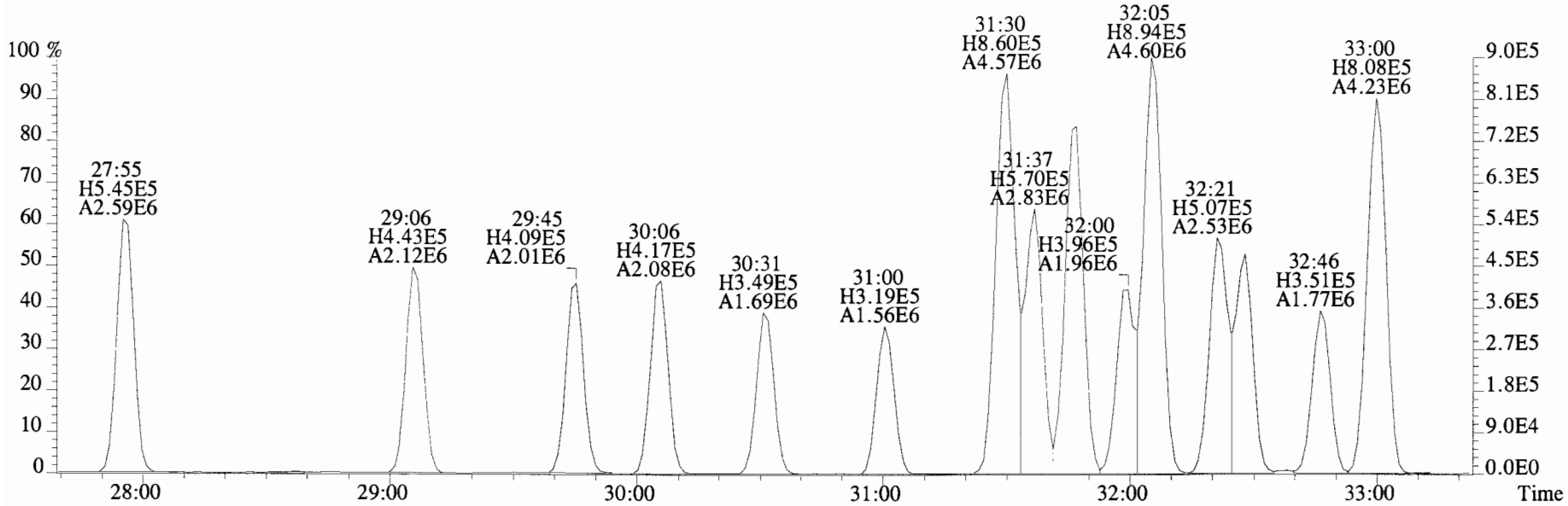
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39160.0,0.00%,F,F)



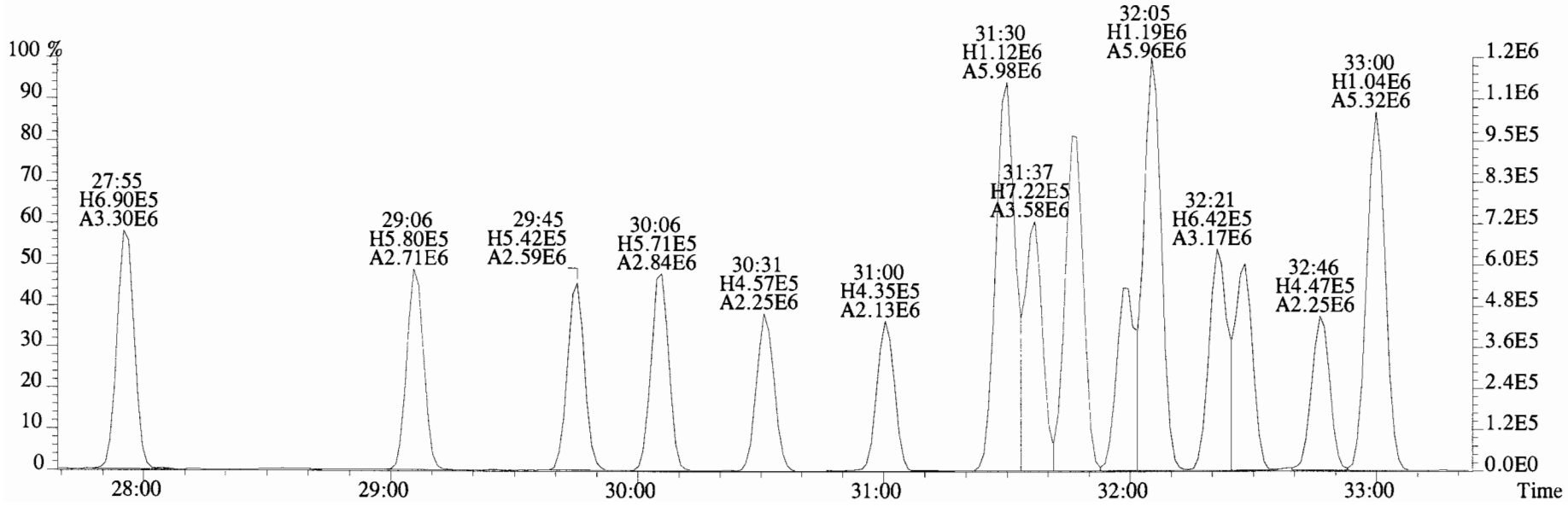
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22808.0,0.00%,F,F)



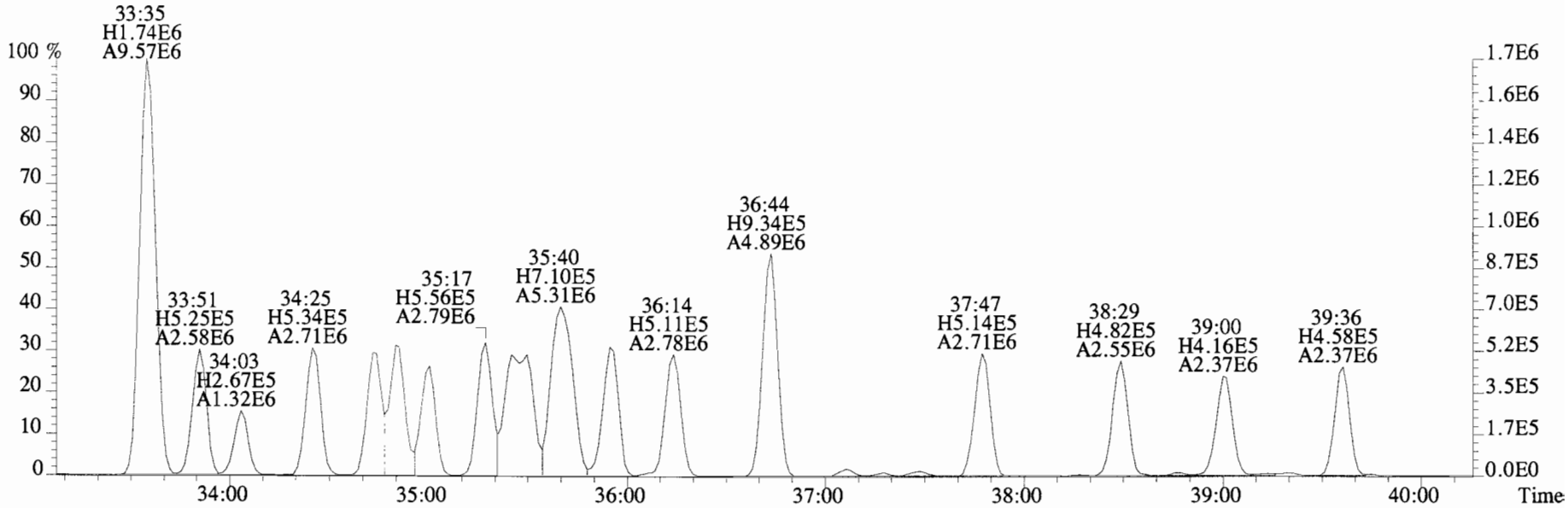
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3152.0,0.00%,F,F)



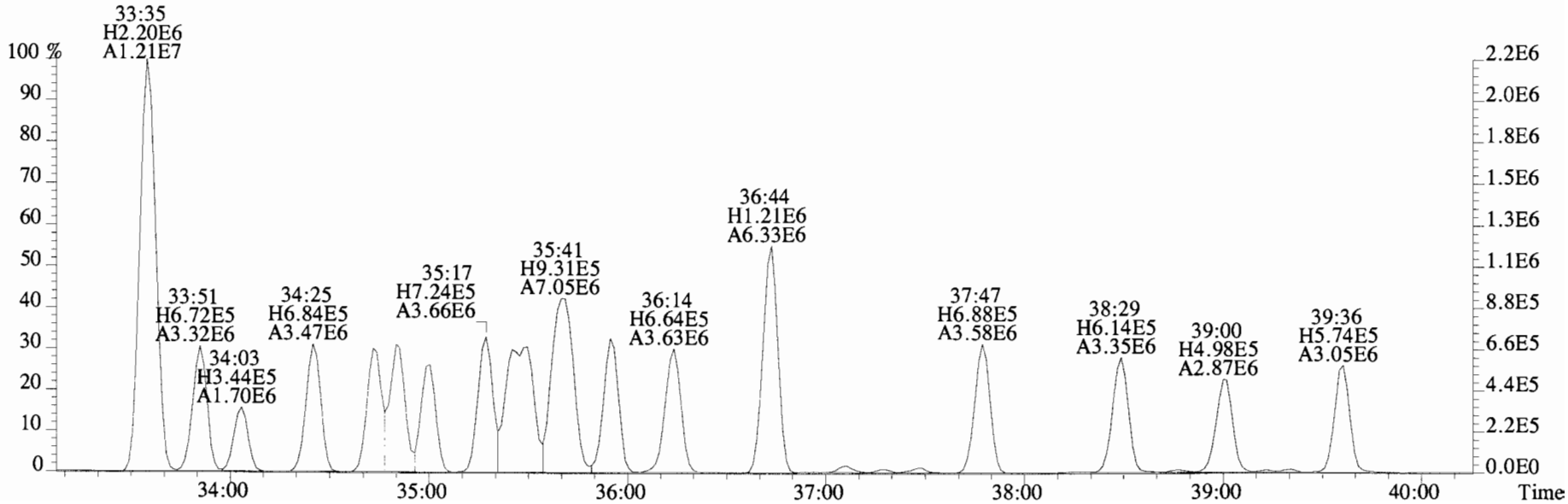
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3488.0,0.00%,F,F)



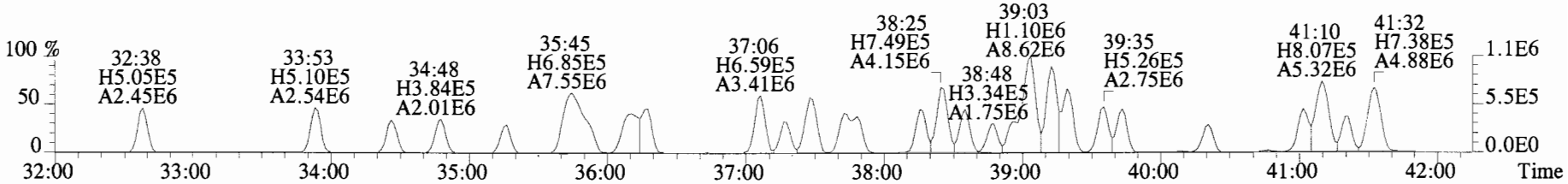
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3152.0,0.00%,F,F)



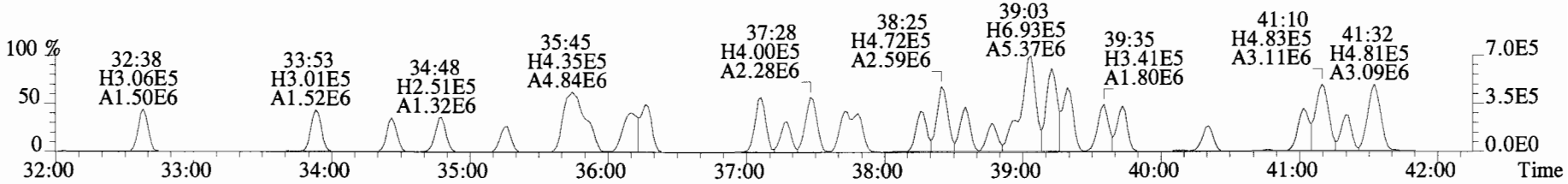
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3488.0,0.00%,F,F)



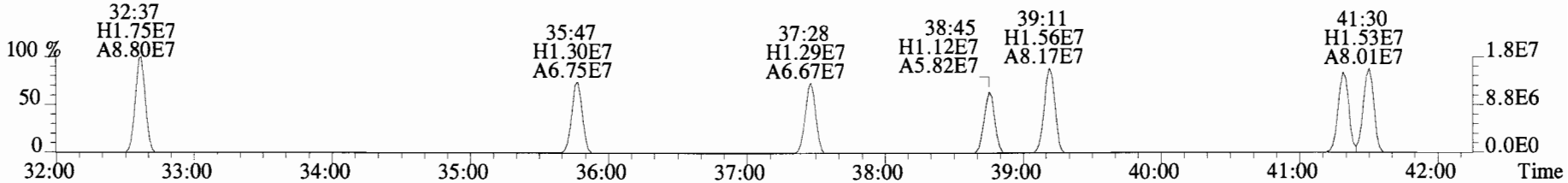
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2084.0,0.00%,F,F)



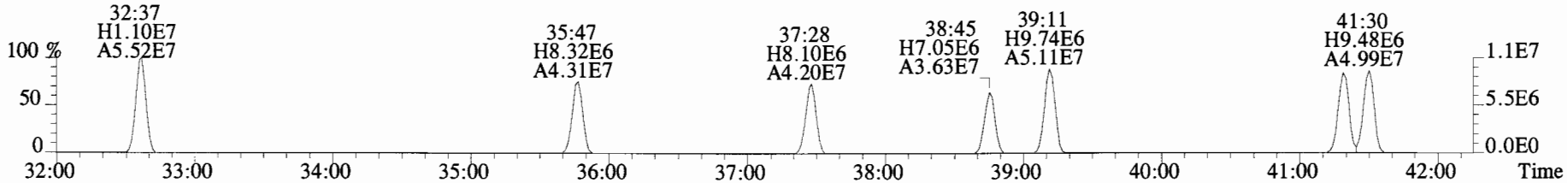
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2224.0,0.00%,F,F)



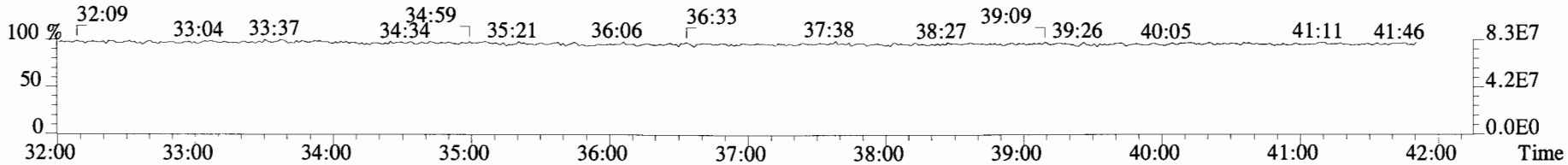
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4520.0,0.00%,F,F)



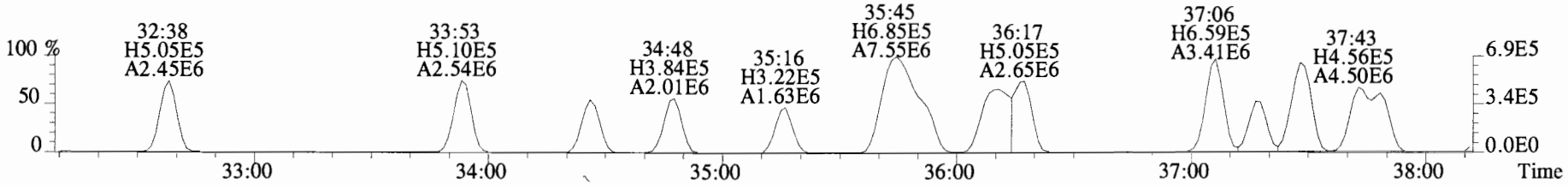
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4420.0,0.00%,F,F)



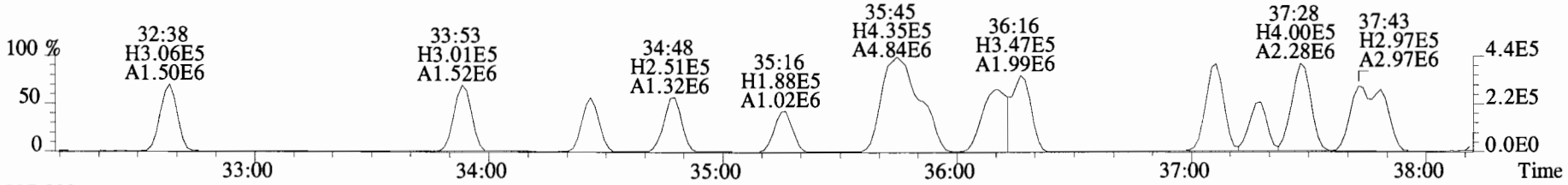
330.9792 S:3 F:3



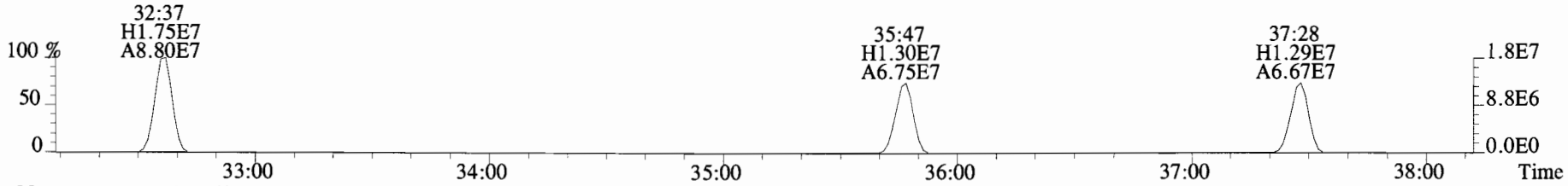
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2084.0,0.00%,F,F)



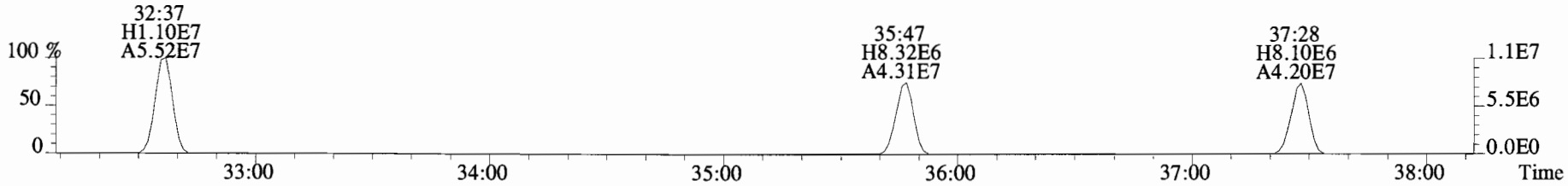
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2224.0,0.00%,F,F)



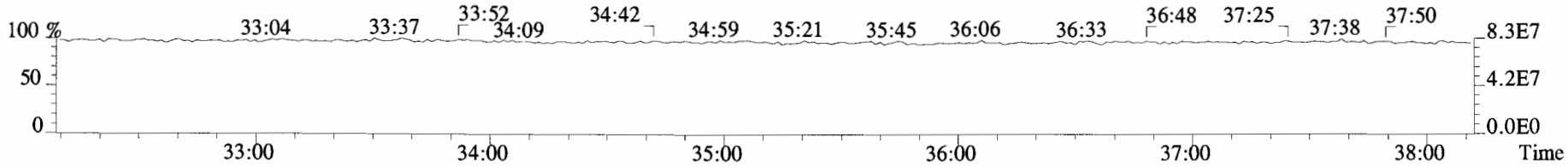
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4520.0,0.00%,F,F)



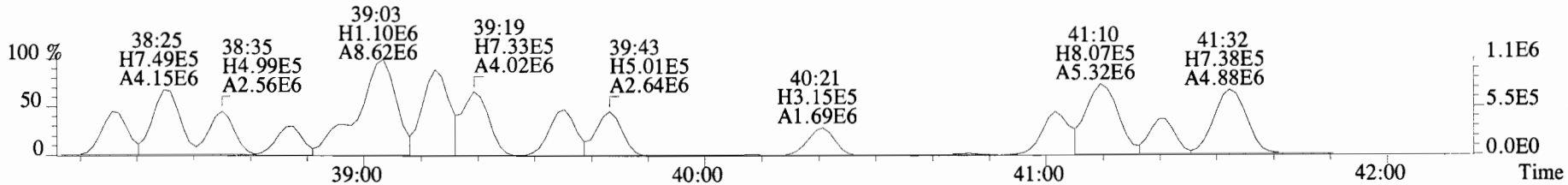
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4420.0,0.00%,F,F)



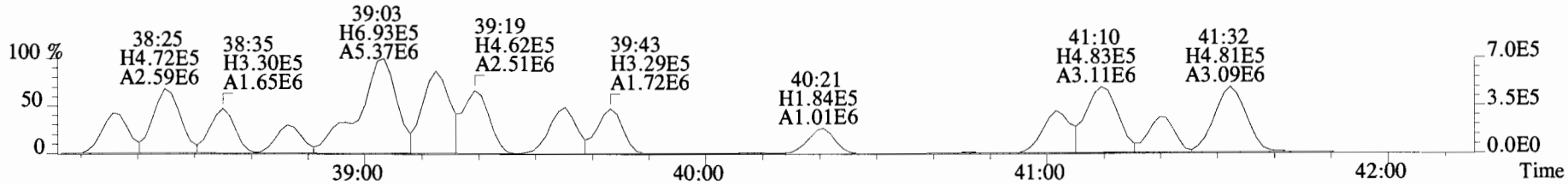
330.9792 S:3 F:3



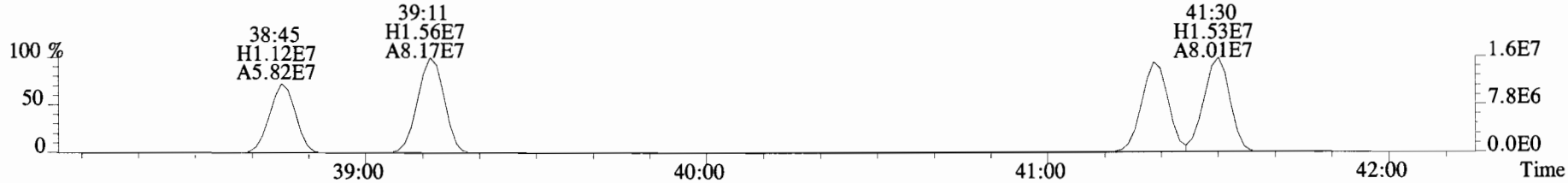
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2084.0,0.00%,F,F)



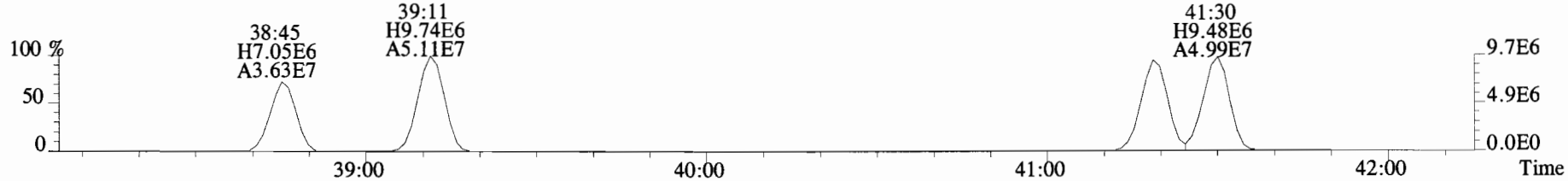
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2224.0,0.00%,F,F)



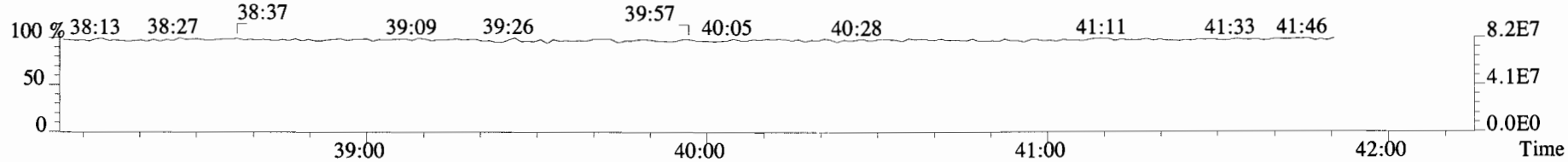
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4520.0,0.00%,F,F)



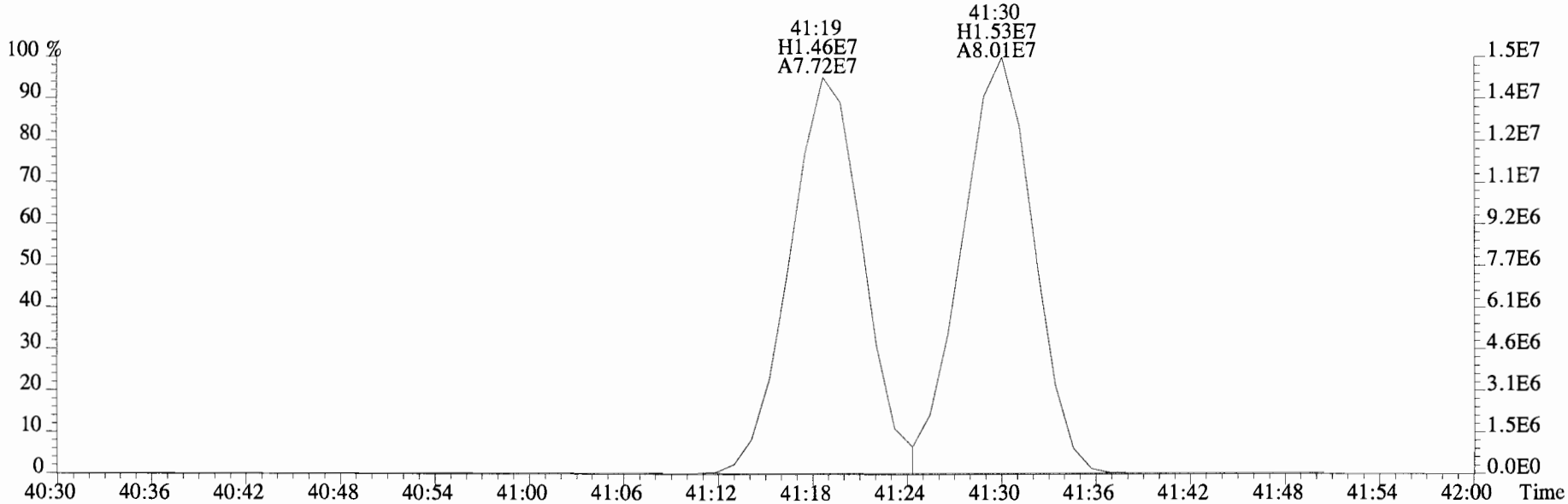
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4420.0,0.00%,F,F)



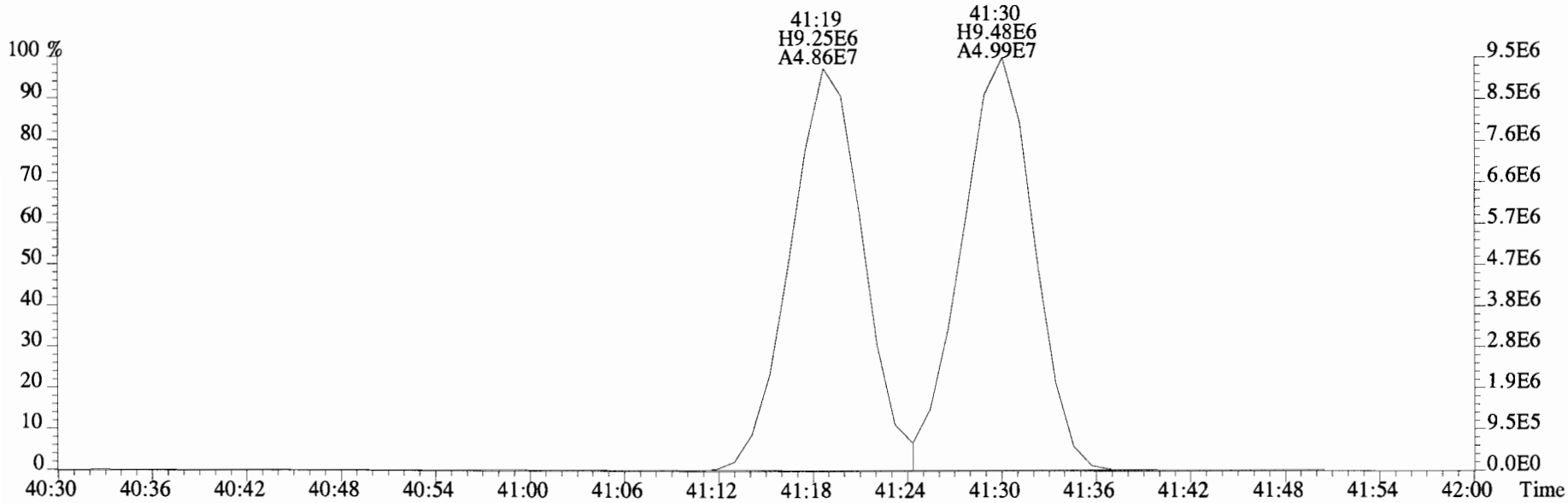
330.9792 S:3 F:3



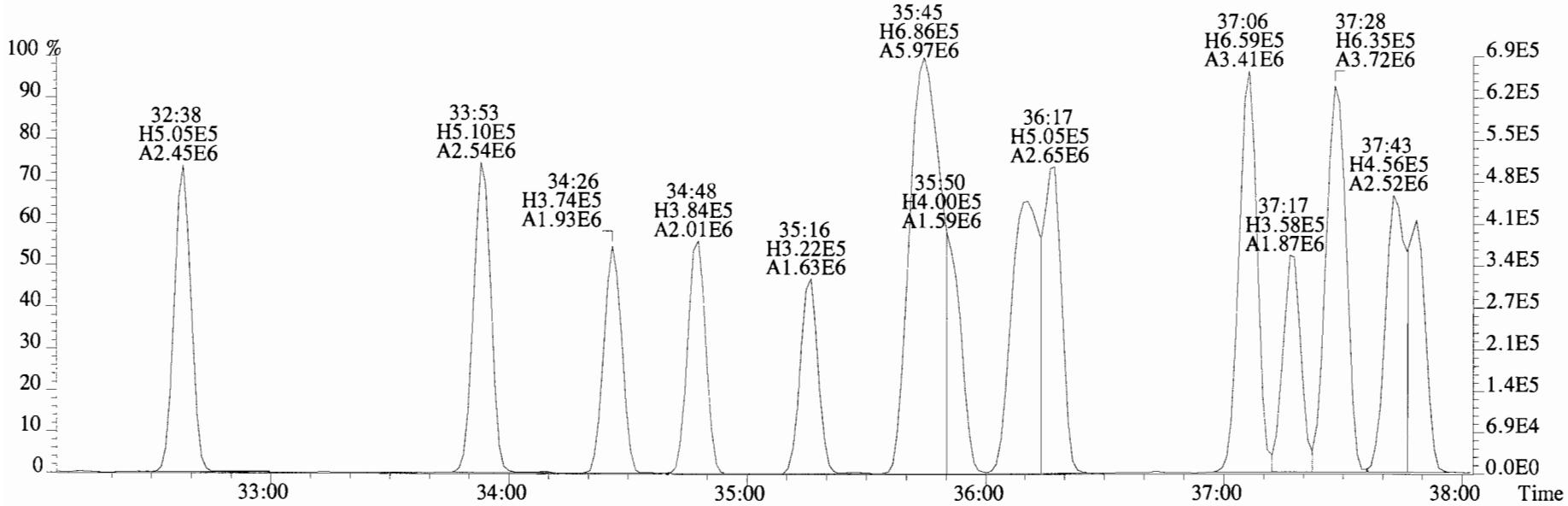
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4520.0,0.00%,F,F)



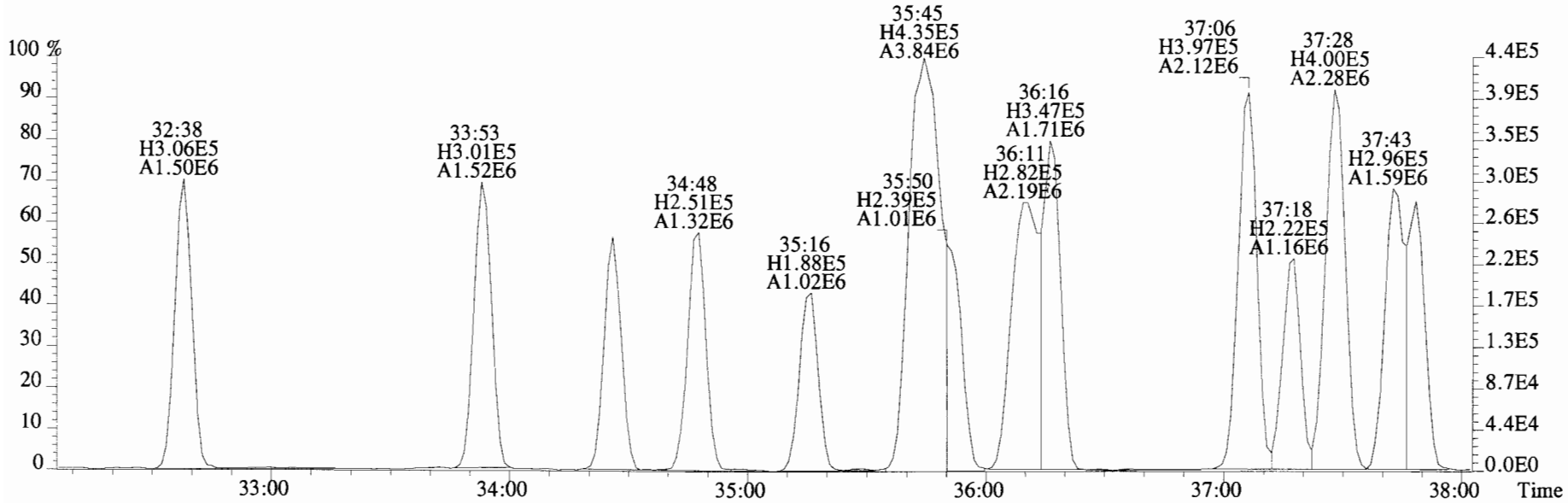
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4420.0,0.00%,F,F)



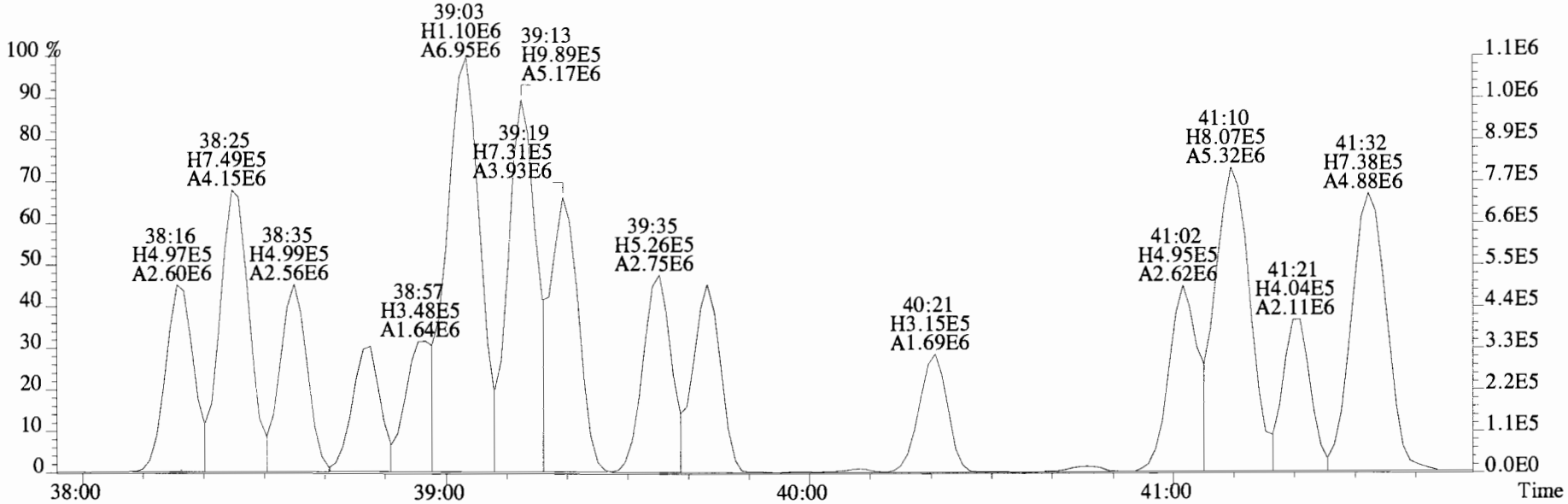
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2084.0,0.00%,F,F)



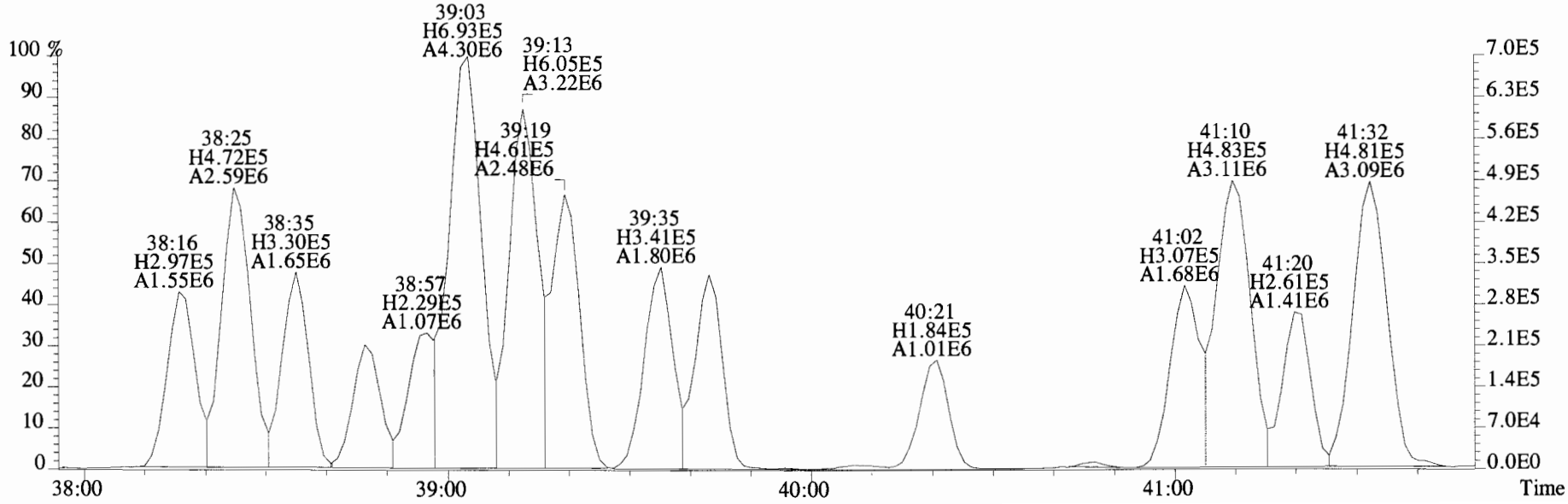
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2224.0,0.00%,F,F)



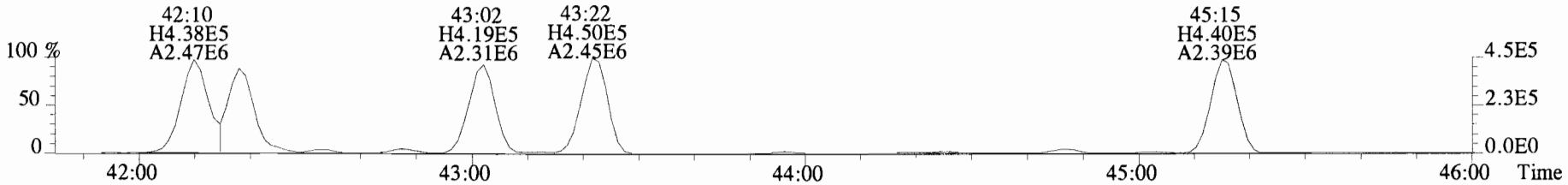
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2084.0,0.00%,F,F)



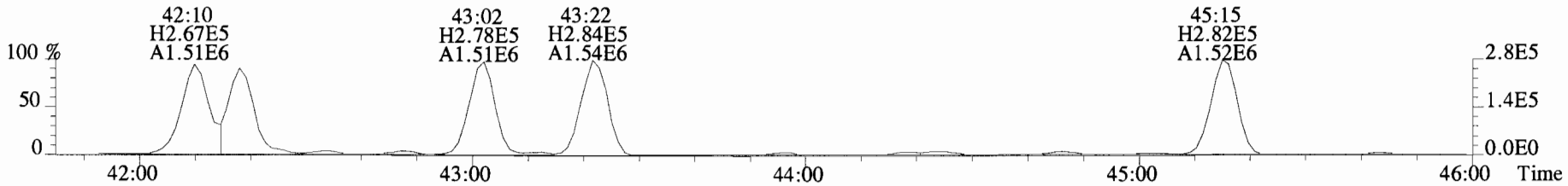
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2224.0,0.00%,F,F)



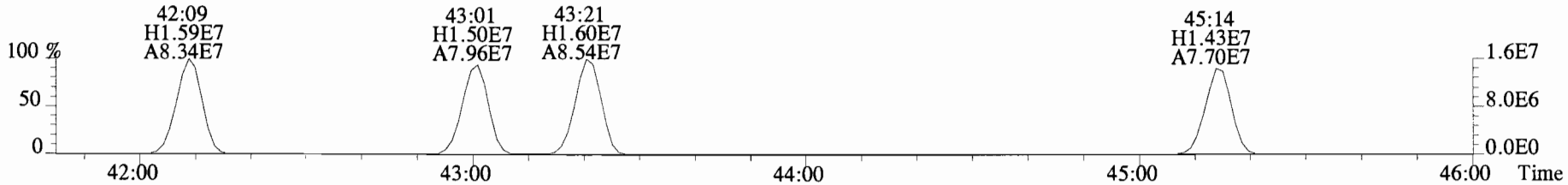
File:180208E1 #1-574 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
325.8804 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2204.0,0.00%,F,F)



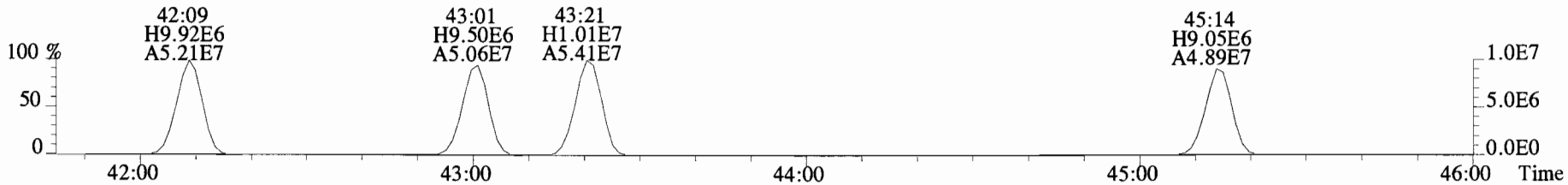
327.8775 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2344.0,0.00%,F,F)



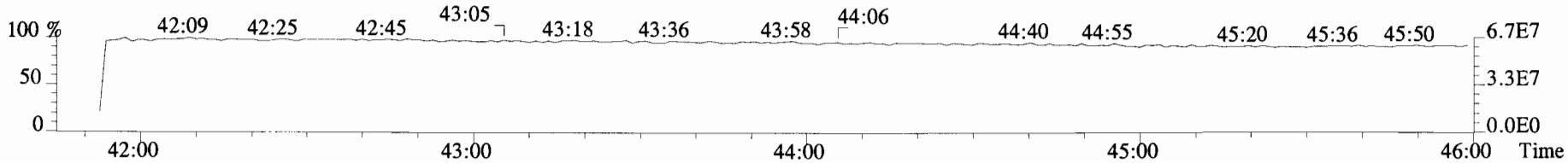
337.9207 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11840.0,0.00%,F,F)



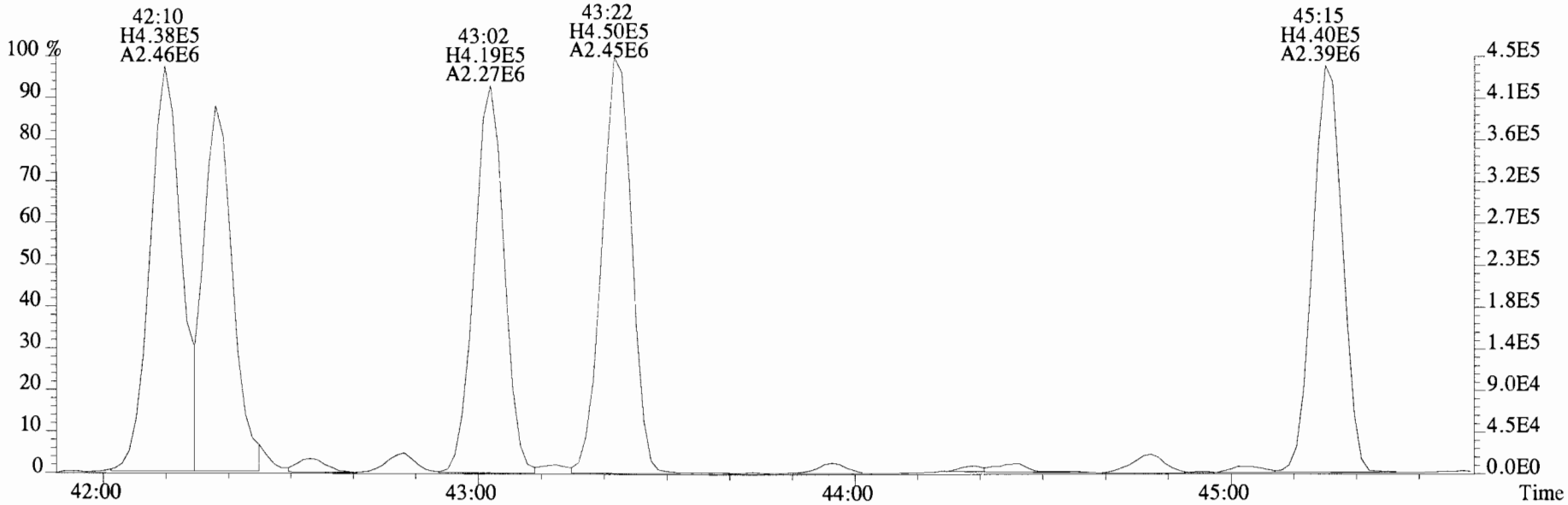
339.9177 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7184.0,0.00%,F,F)



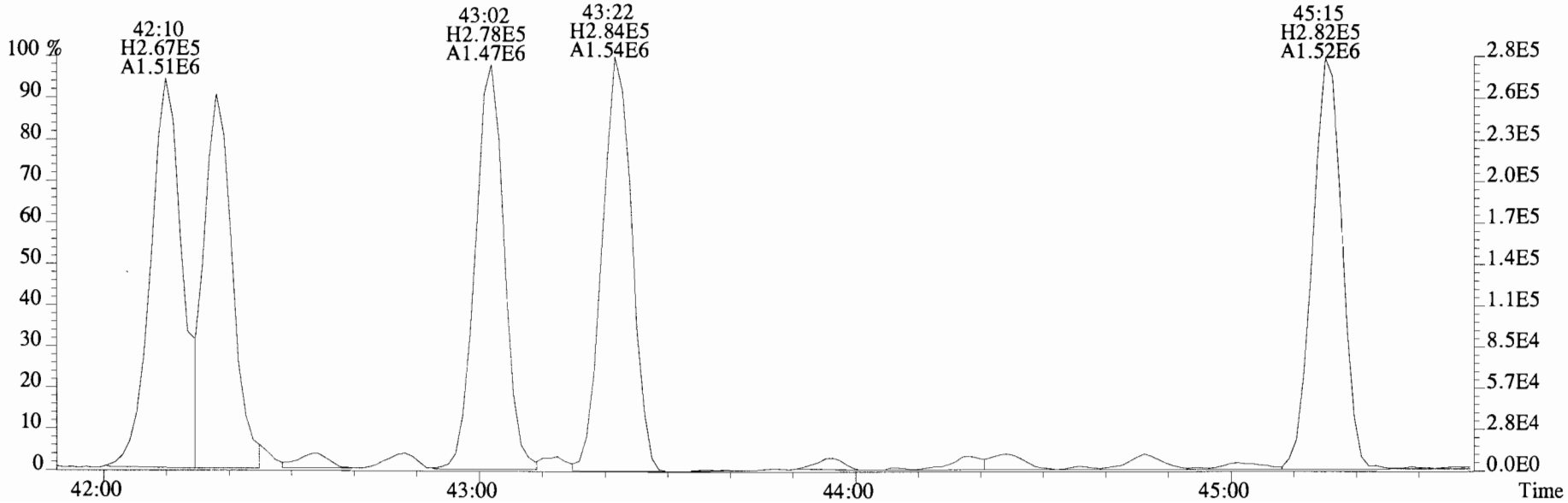
380.9760 S:3 F:4



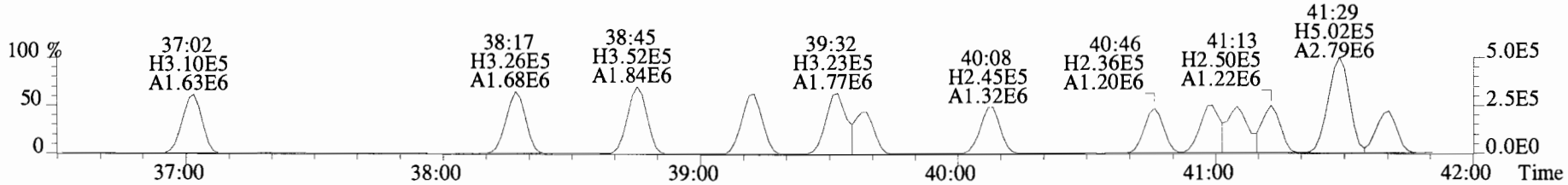
File:180208E1 #1-574 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
325.8804 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0)



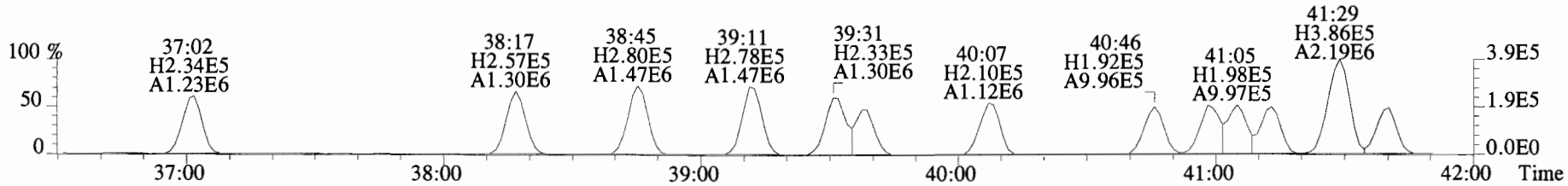
327.8775 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0)



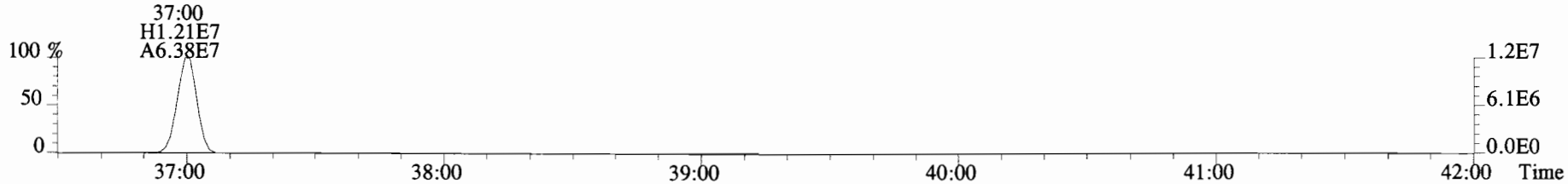
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
359.8415 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2036.0,0.00%,F,F)



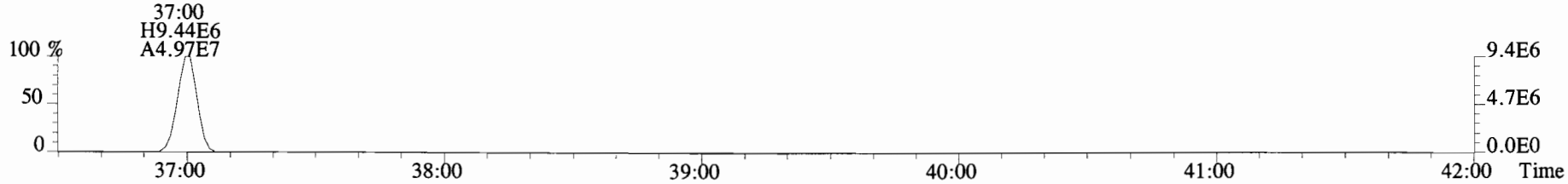
361.8385 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1896.0,0.00%,F,F)



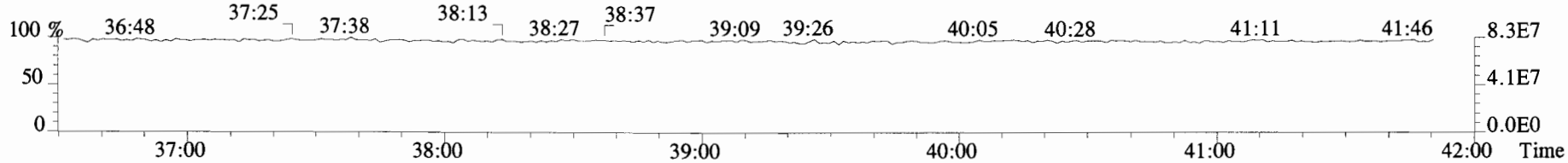
371.8817 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2324.0,0.00%,F,F)



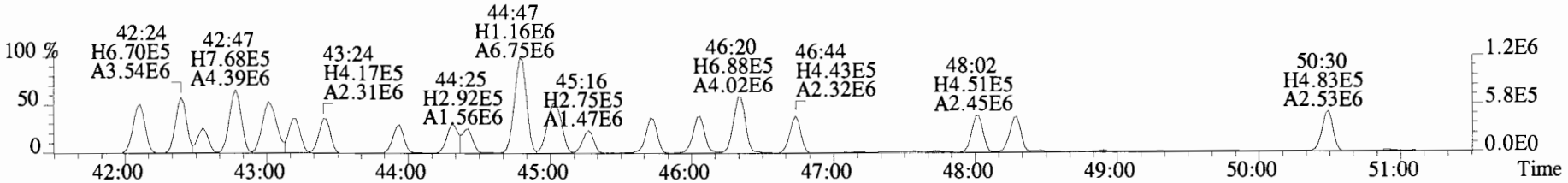
373.8788 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2612.0,0.00%,F,F)



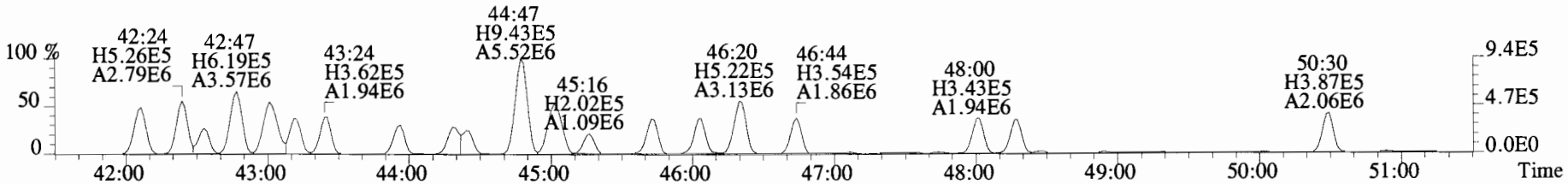
330.9792 S:3 F:3



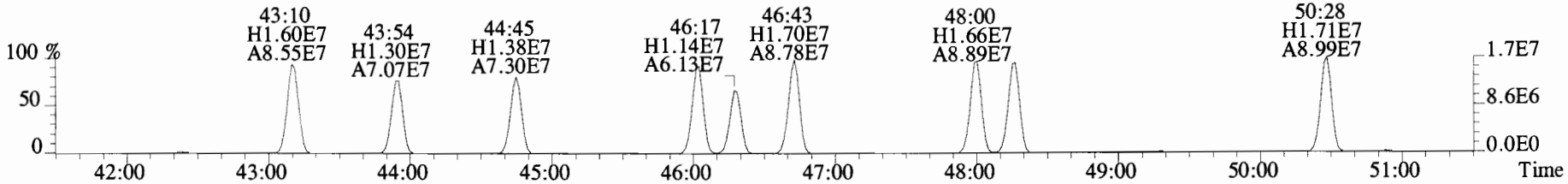
File:180208E1 #1-574 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
359.8415 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3508.0,0.00%,F,F)



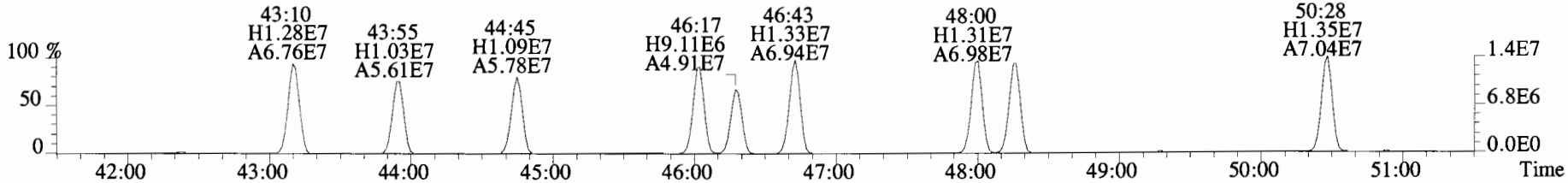
361.8385 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3712.0,0.00%,F,F)



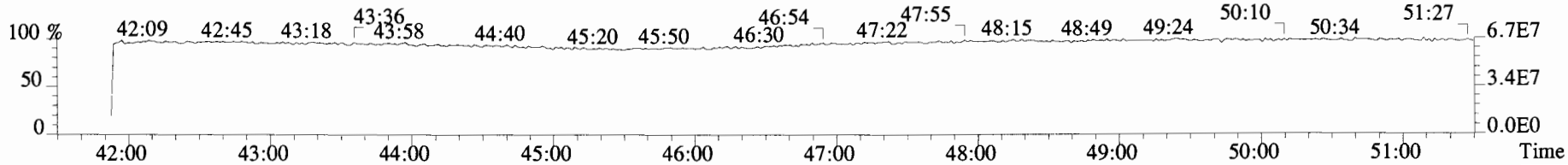
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19604.0,0.00%,F,F)



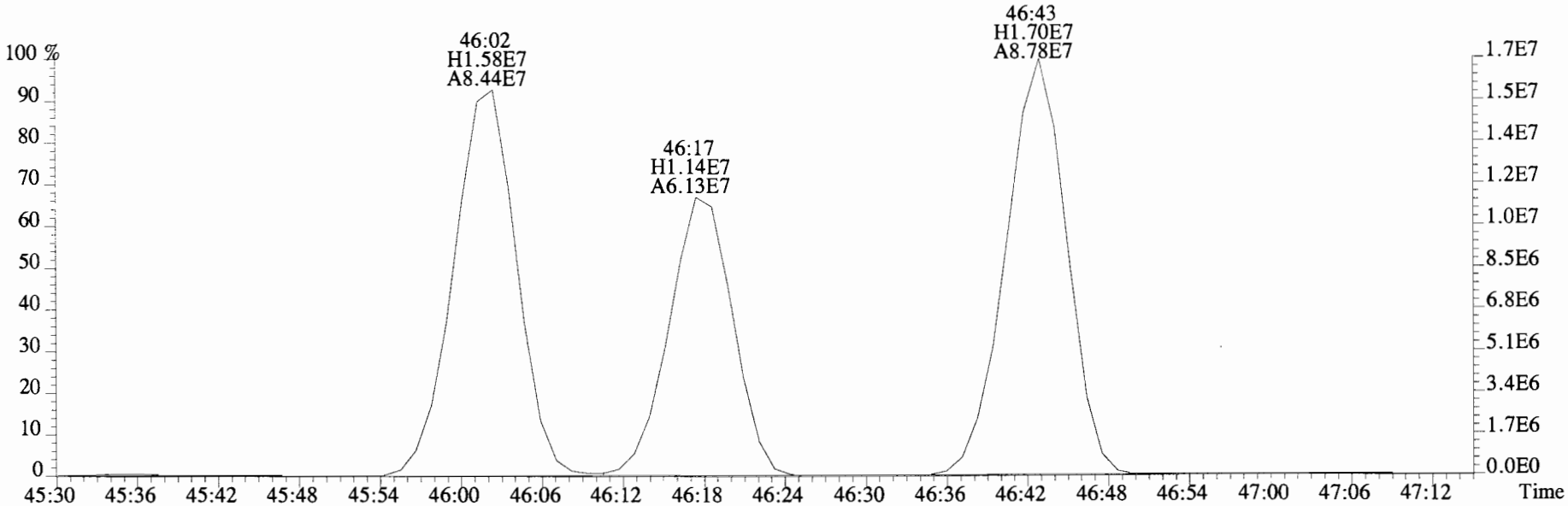
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19252.0,0.00%,F,F)



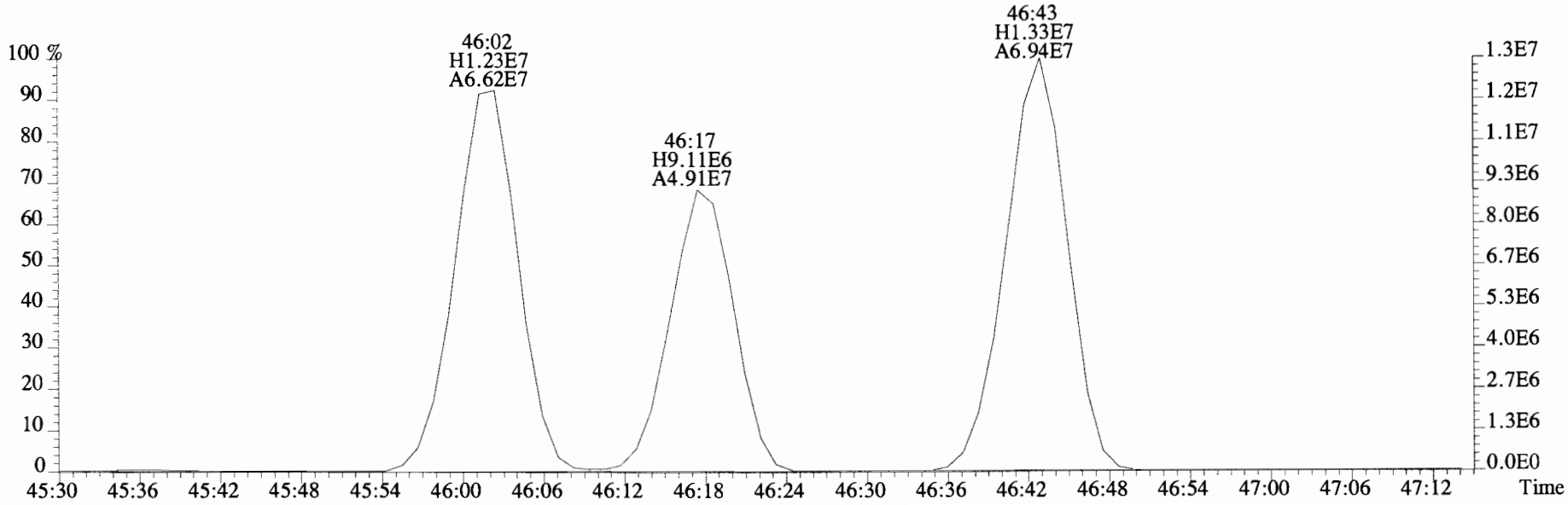
380.9760 S:3 F:4



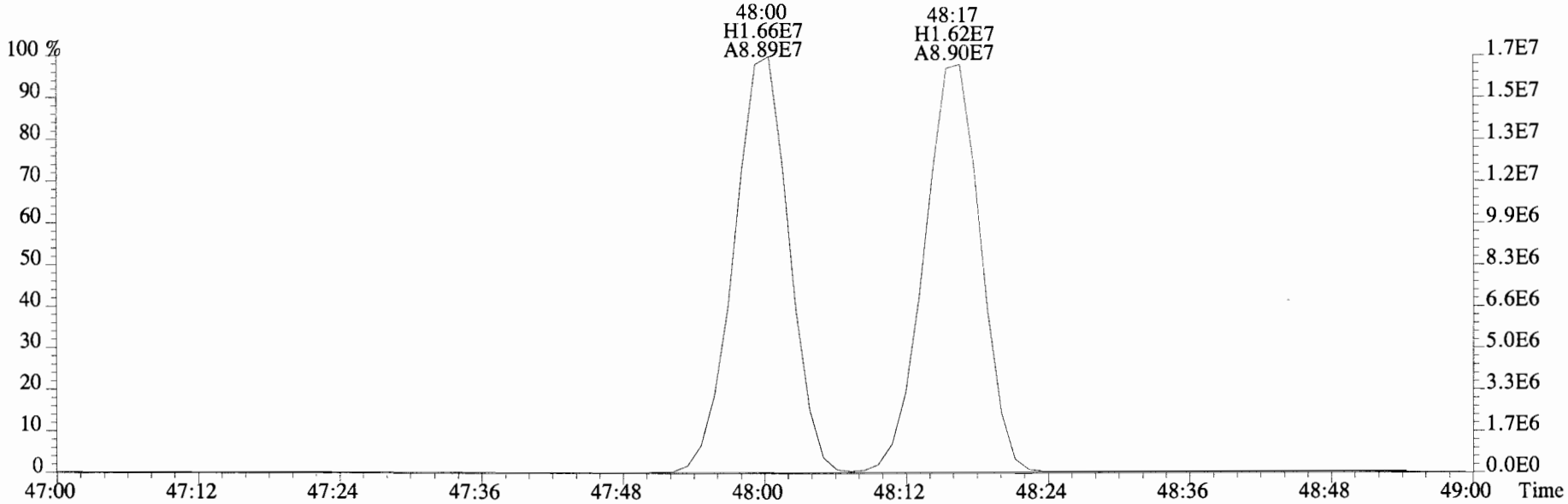
File:180208E1 #1-574 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19604.0,0.00%,F,F)



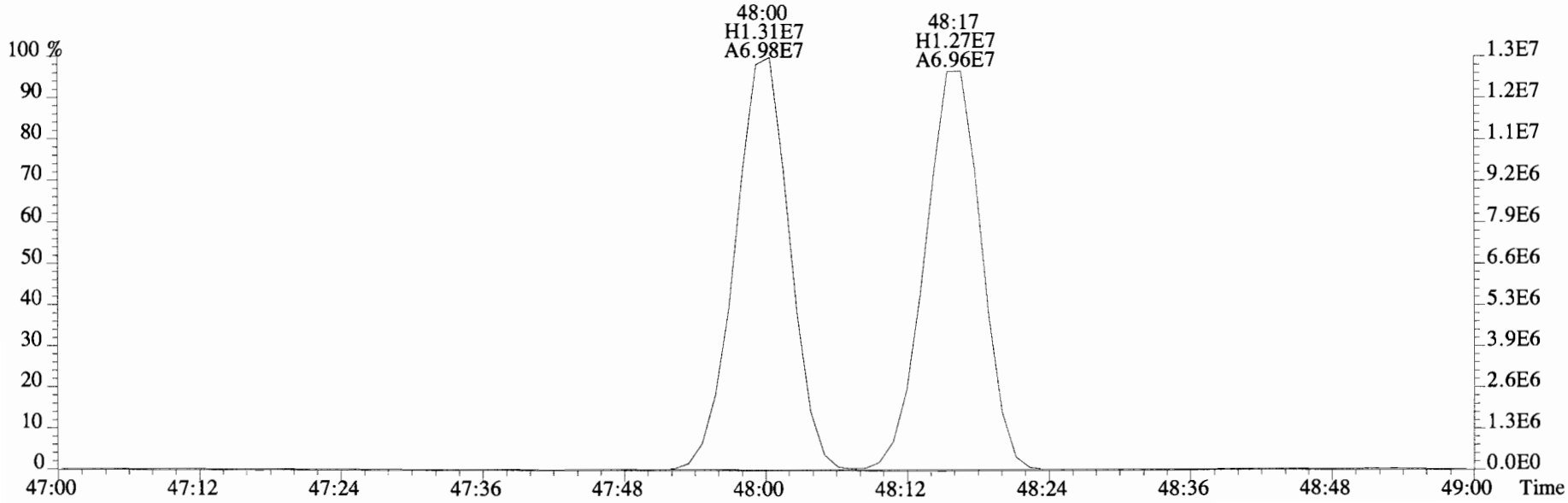
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19252.0,0.00%,F,F)



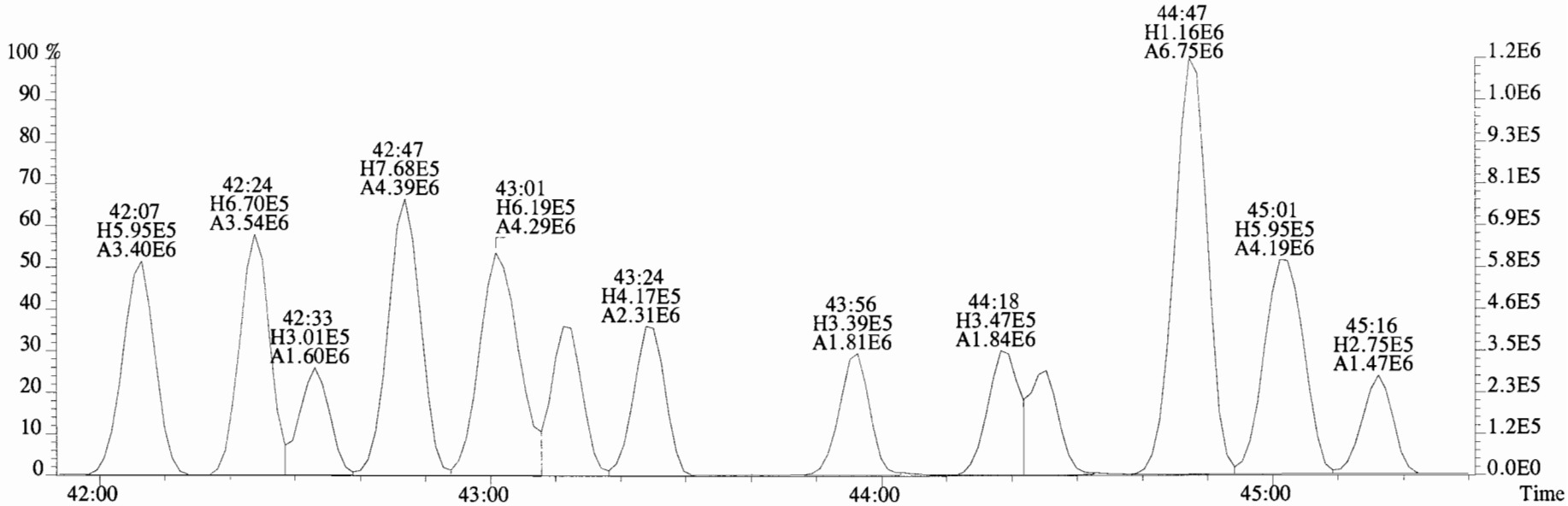
File:180208E1 #1-574 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19604.0,0.00%,F,F)



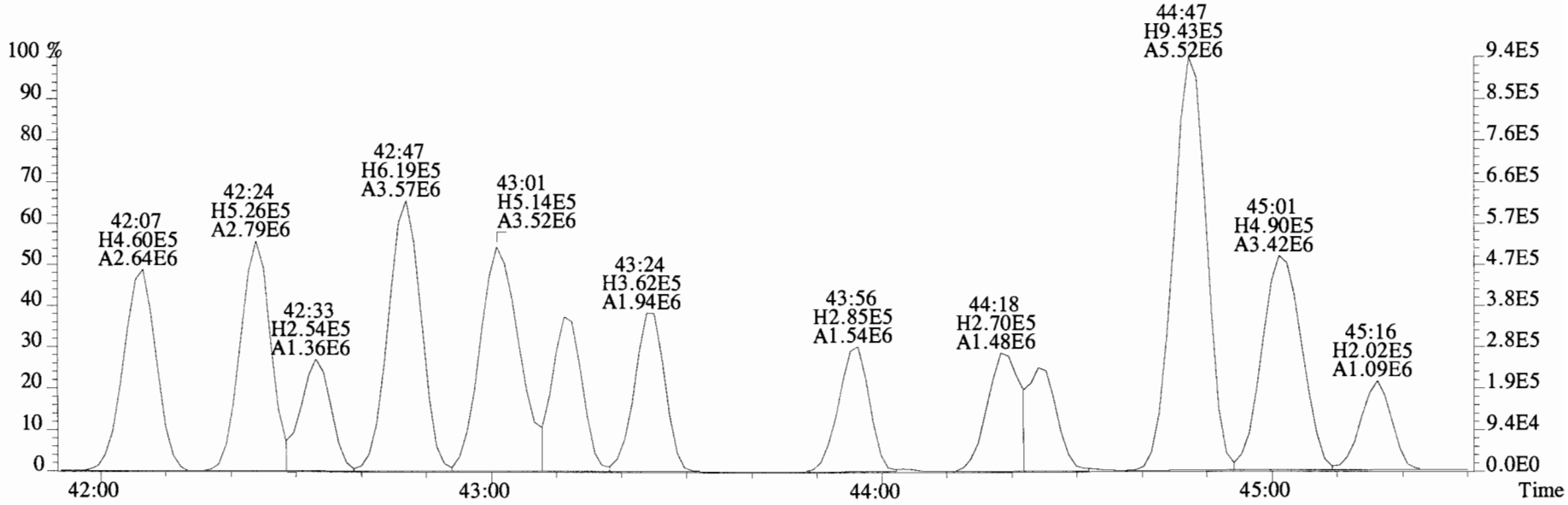
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19252.0,0.00%,F,F)



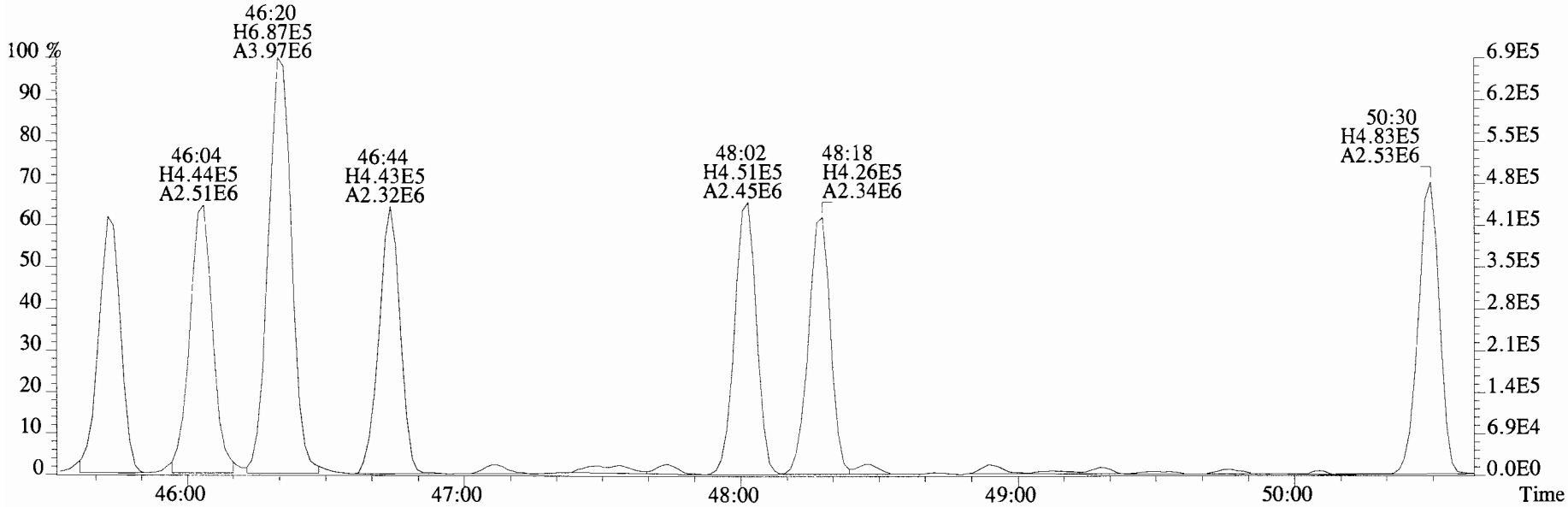
File:180208E1 #1-574 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
359.8415 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3508.0,0.00%,F,F)



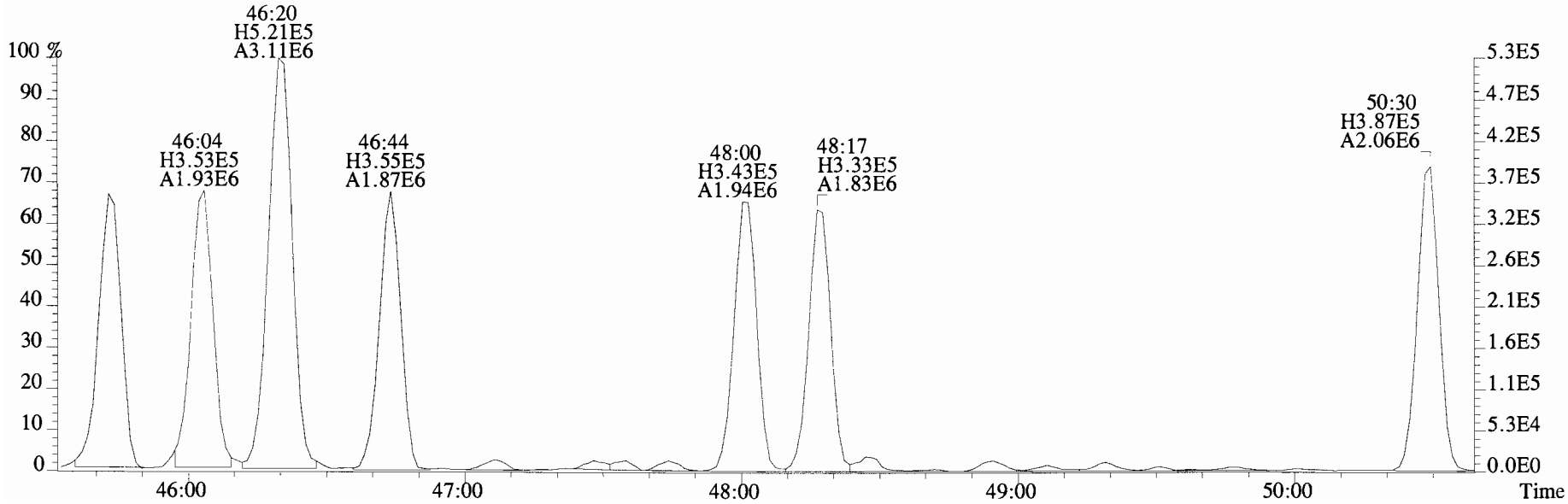
361.8385 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3712.0,0.00%,F,F)



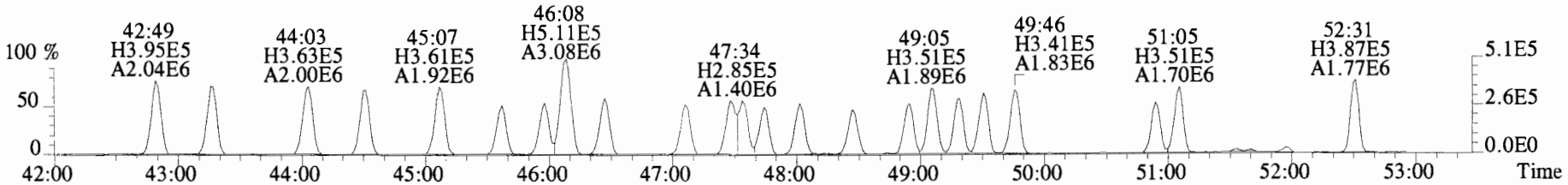
File:180208E1 #1-574 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
359.8415 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3508.0,0.00%,F,F)



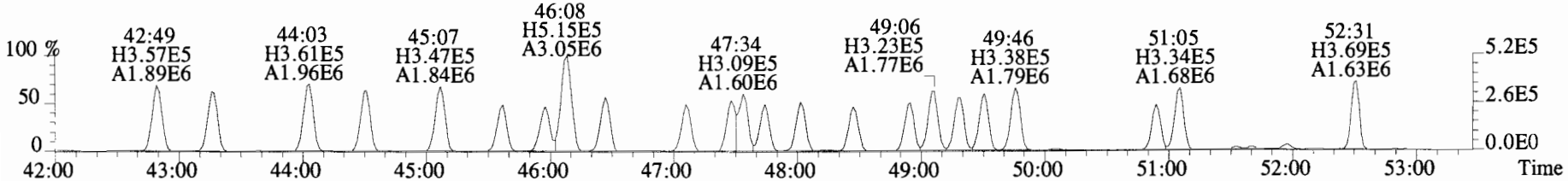
361.8385 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3712.0,0.00%,F,F)



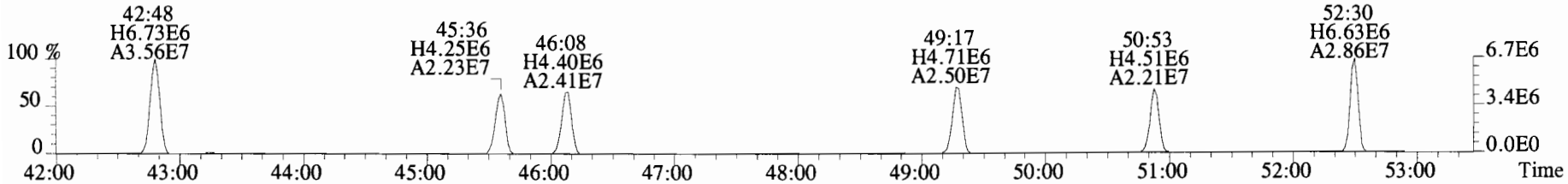
File:180208E1 #1-574 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
393.8025 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3968.0,0.00%,F,F)



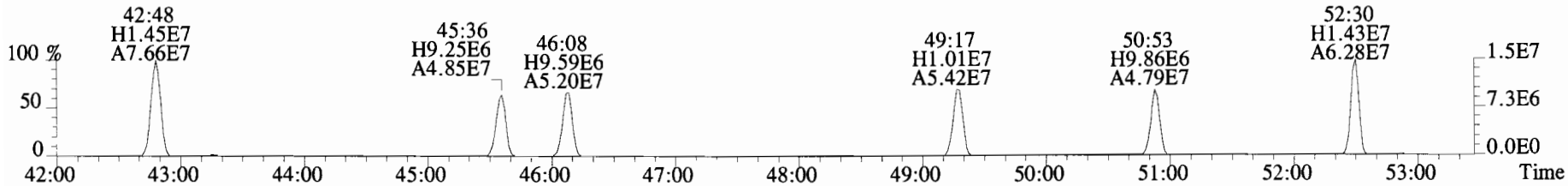
395.7995 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3332.0,0.00%,F,F)



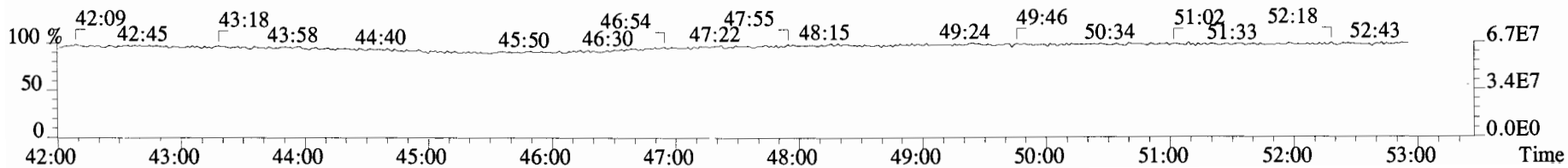
403.8457 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8740.0,0.00%,F,F)



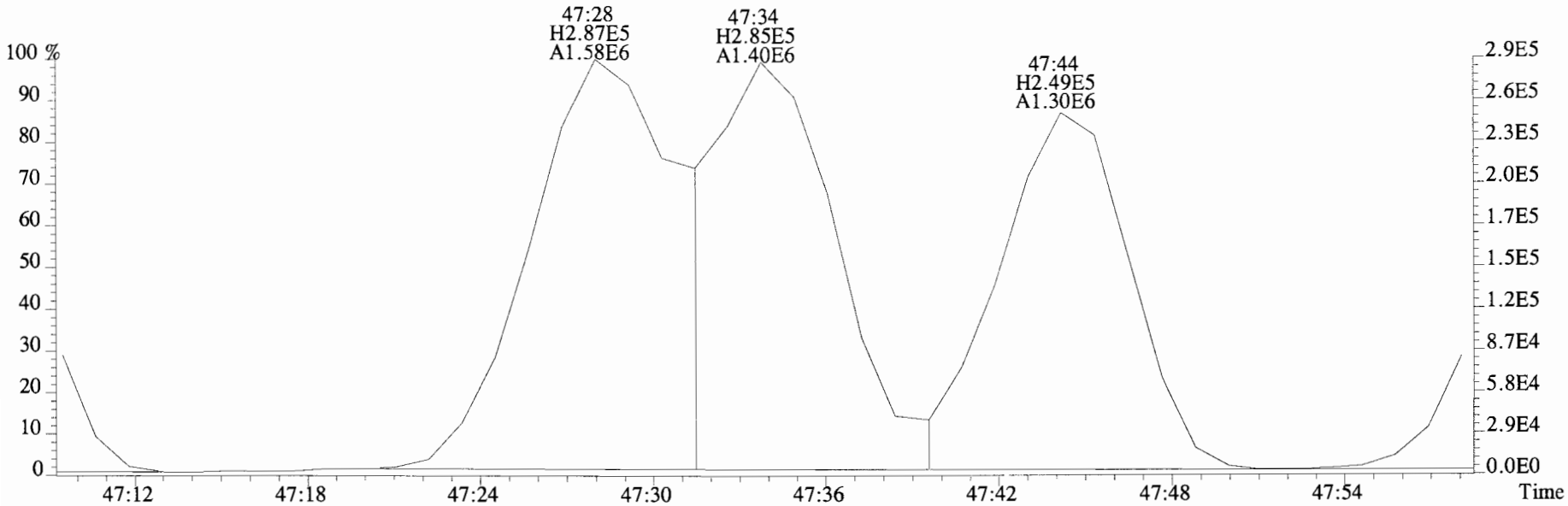
405.8428 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16048.0,0.00%,F,F)



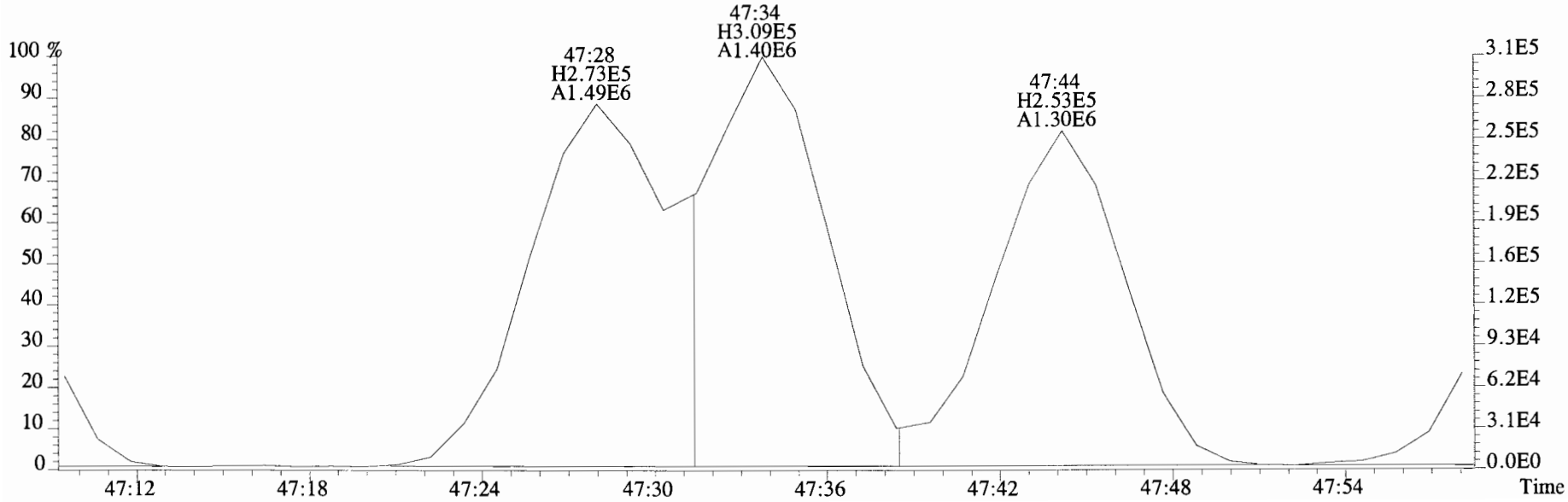
380.9760 S:3 F:4



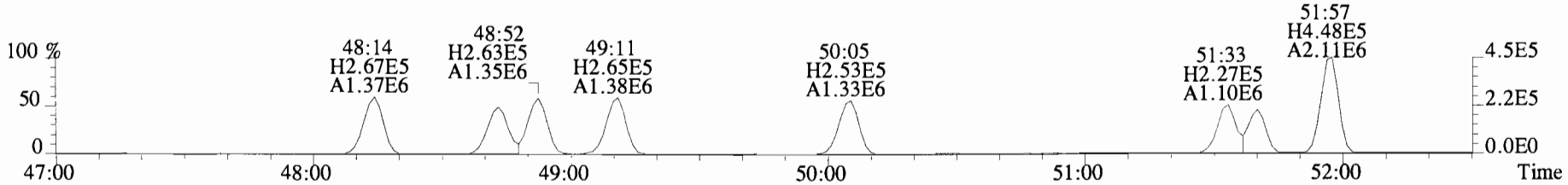
File:180208E1 #1-574 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
393.8025 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3968.0,0.00%,F,F)



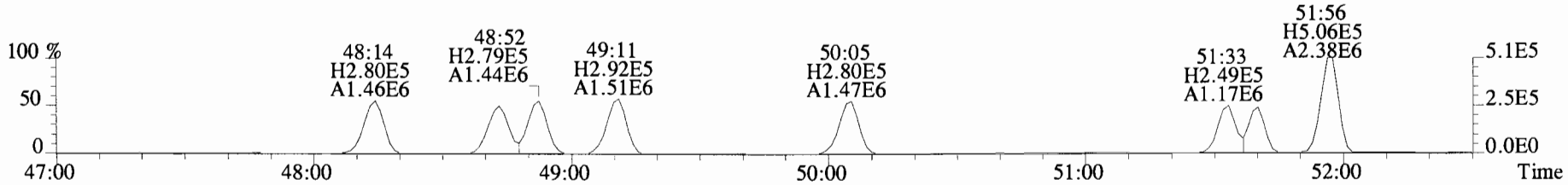
395.7995 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3332.0,0.00%,F,F)



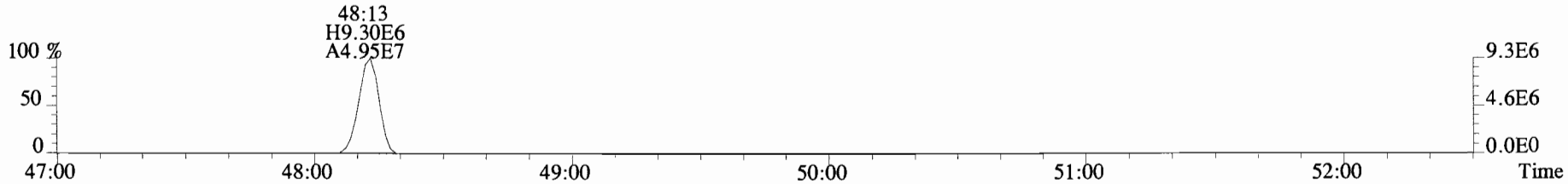
File:180208E1 #1-574 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
427.7635 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1588.0,0.00%,F,F)



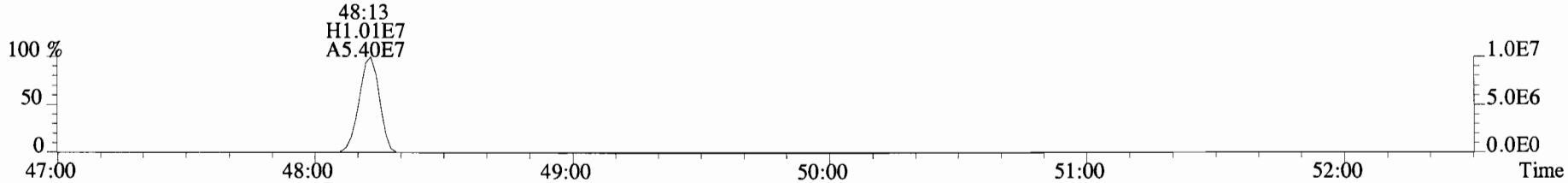
429.7606 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1940.0,0.00%,F,F)



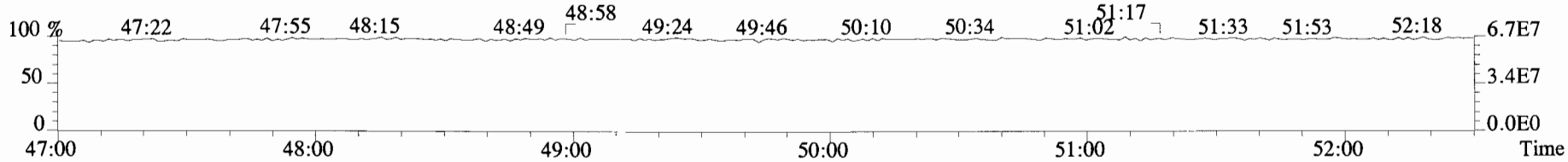
439.8038 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1756.0,0.00%,F,F)



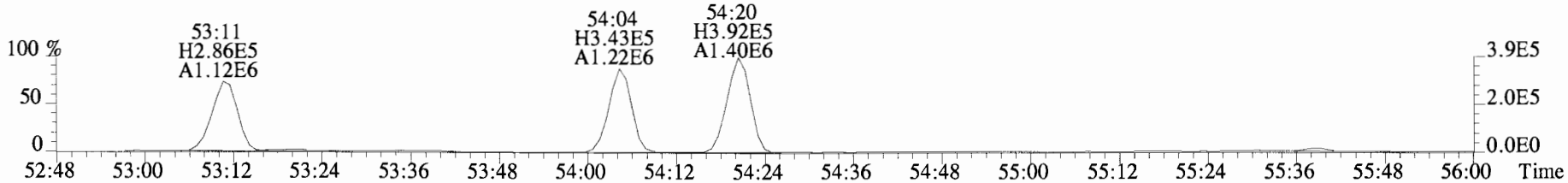
441.8008 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1596.0,0.00%,F,F)



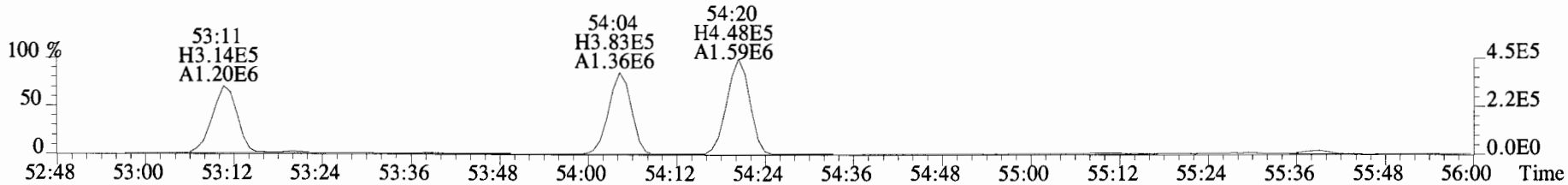
380.9760 S:3 F:4



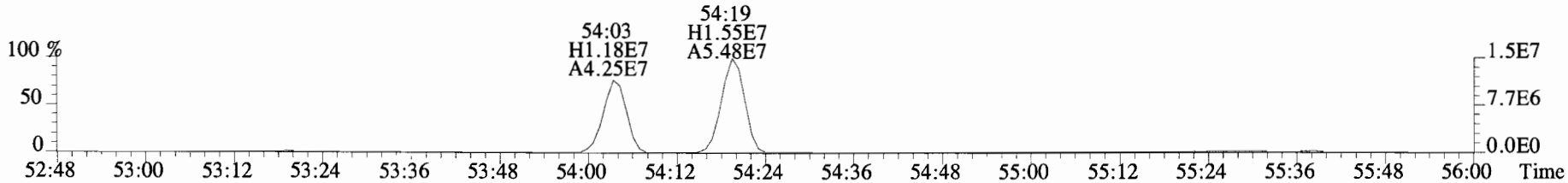
File:180208E1 #1-407 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
427.7635 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2236.0,0.00%,F,F)



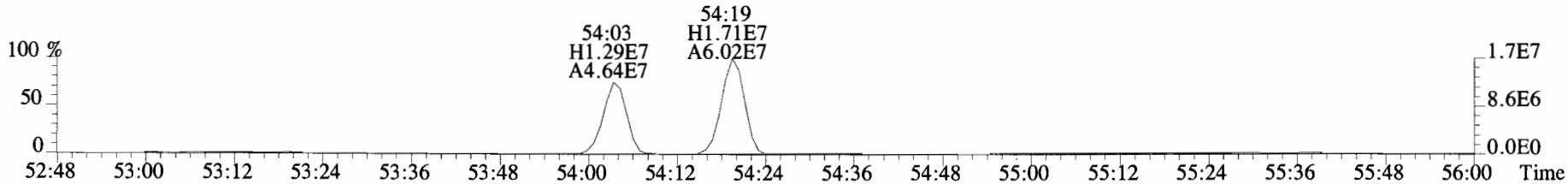
429.7606 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2516.0,0.00%,F,F)



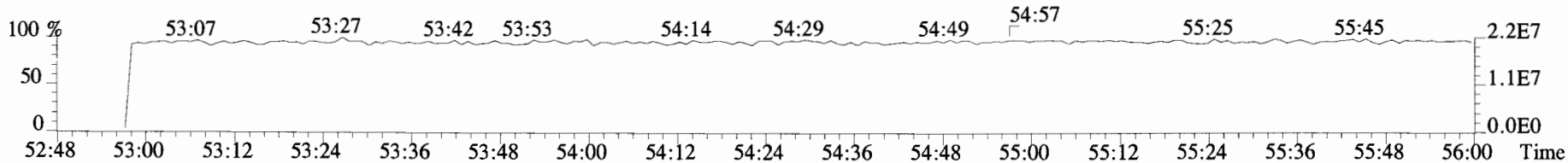
439.8038 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10060.0,0.00%,F,F)



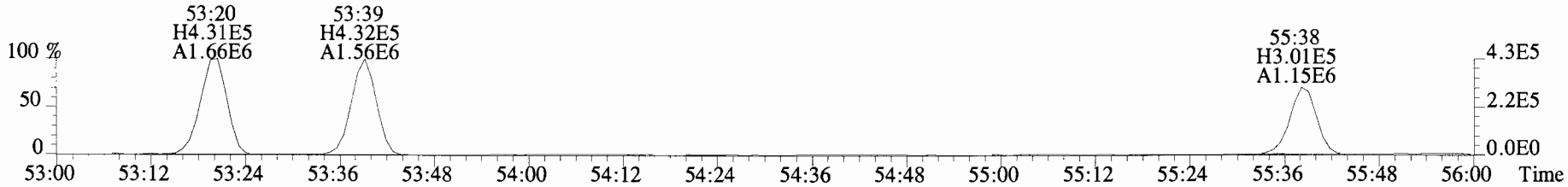
441.8008 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9996.0,0.00%,F,F)



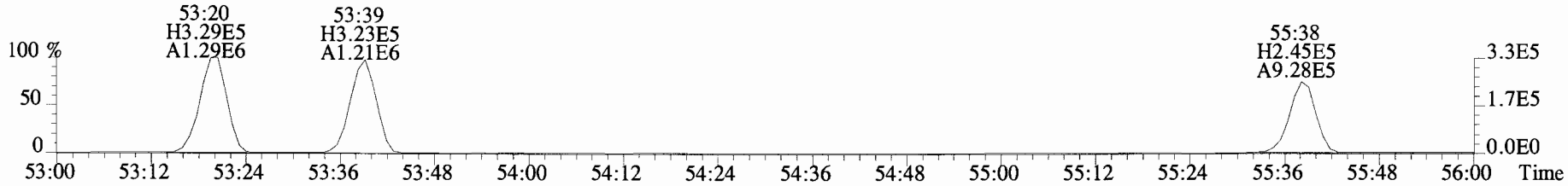
492.9697 S:3 F:5



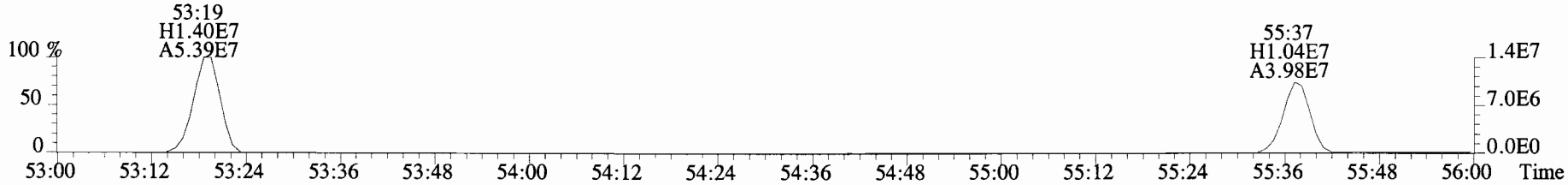
File:180208E1 #1-407 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
463.7216 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1728.0,0.00%,F,F)



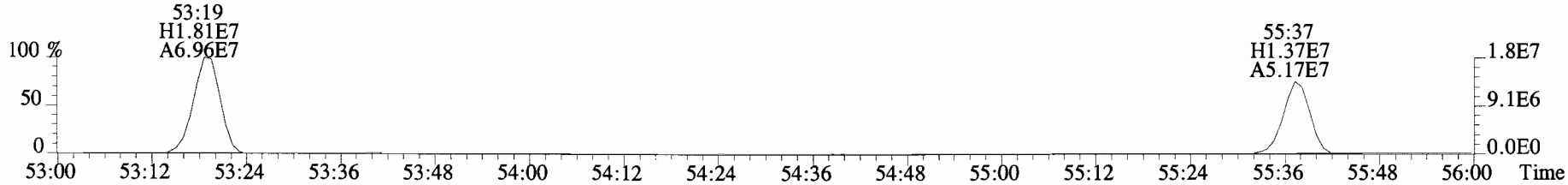
465.7186 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1820.0,0.00%,F,F)



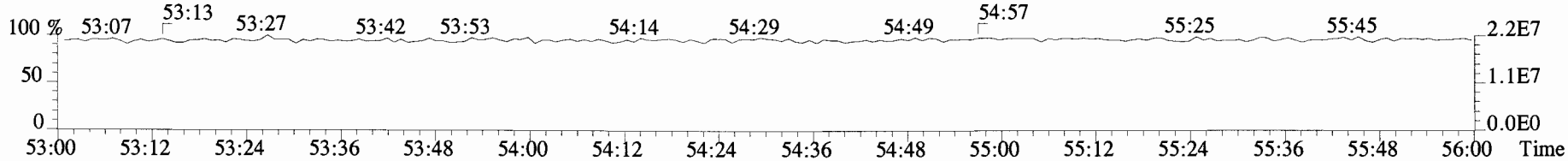
473.7648 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35008.0,0.00%,F,F)



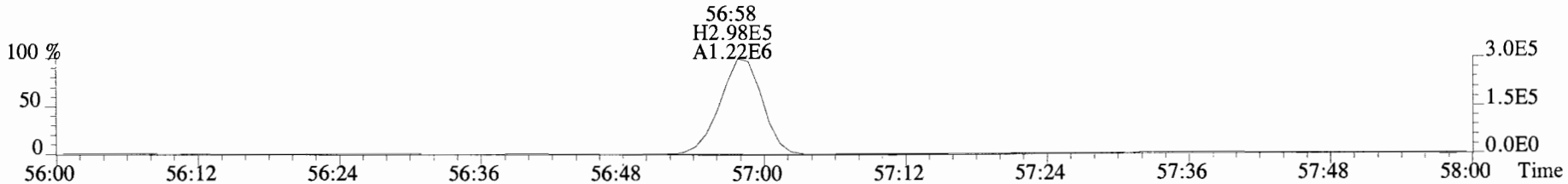
475.7619 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43412.0,0.00%,F,F)



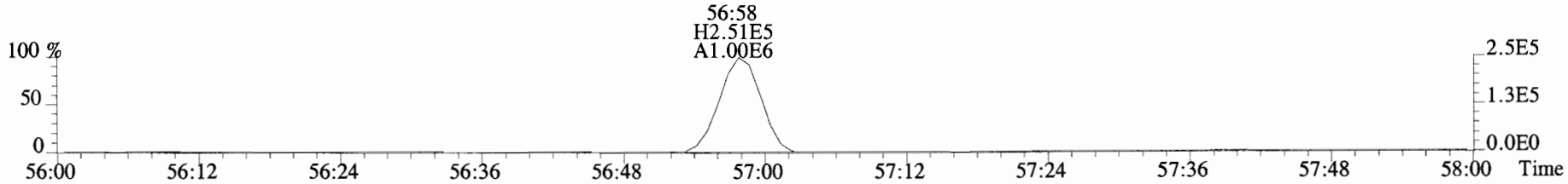
492.9697 S:3 F:5



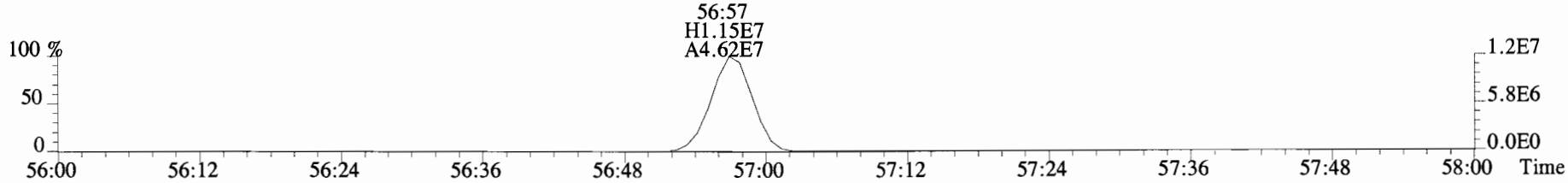
File:180208E1 #1-407 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
497.6826 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1484.0,0.00%,F,F)



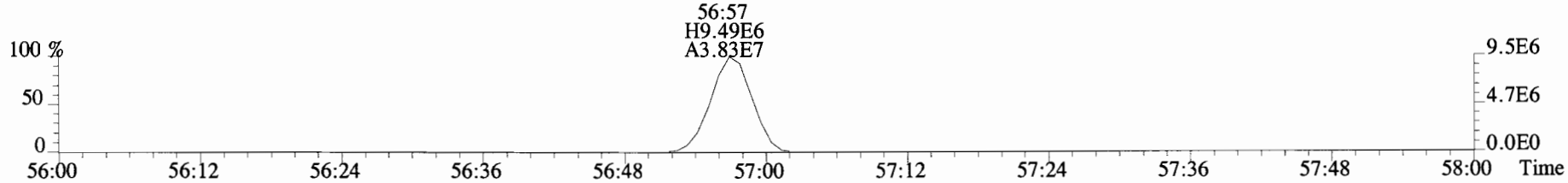
499.6797 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1468.0,0.00%,F,F)



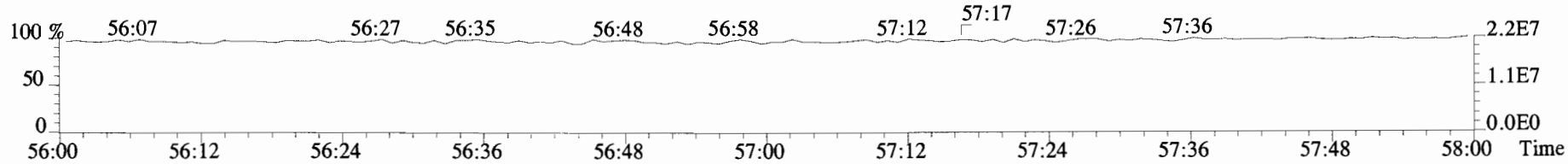
509.7229 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1660.0,0.00%,F,F)



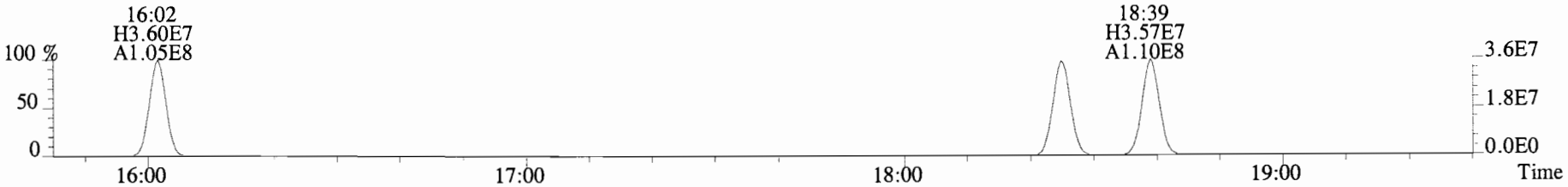
511.7199 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1916.0,0.00%,F,F)



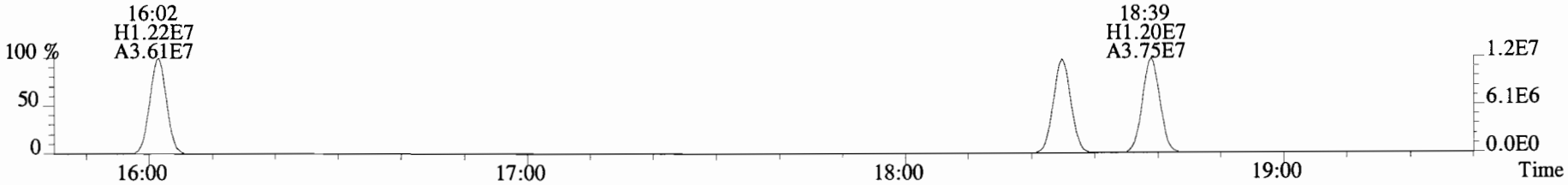
492.9697 S:3 F:5



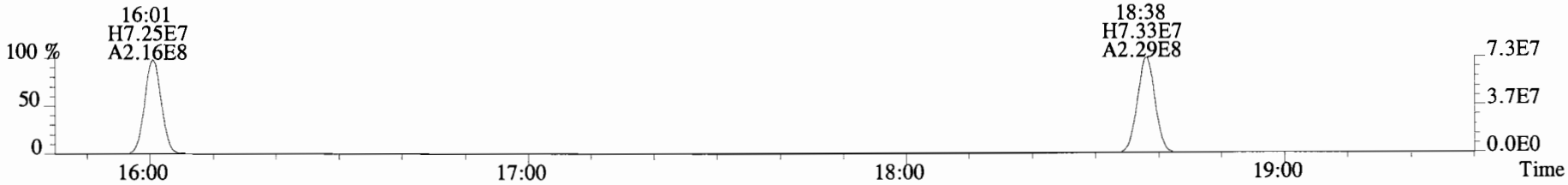
File:180208E1 #1-867 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
188.0393 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5568.0,0.00%,F,F)



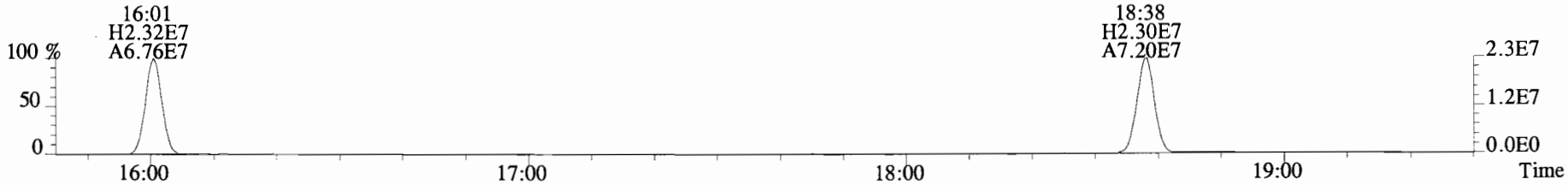
190.0363 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4976.0,0.00%,F,F)



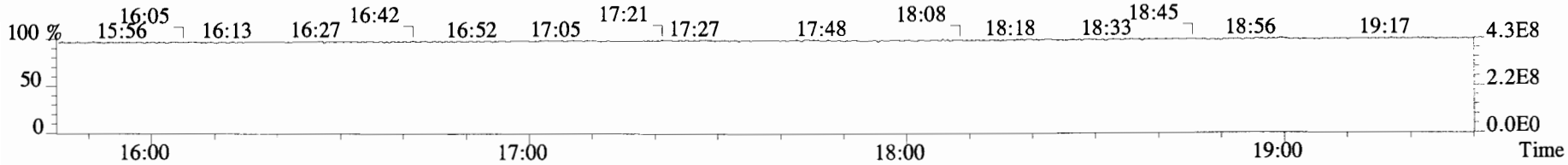
200.0795 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7008.0,0.00%,F,F)



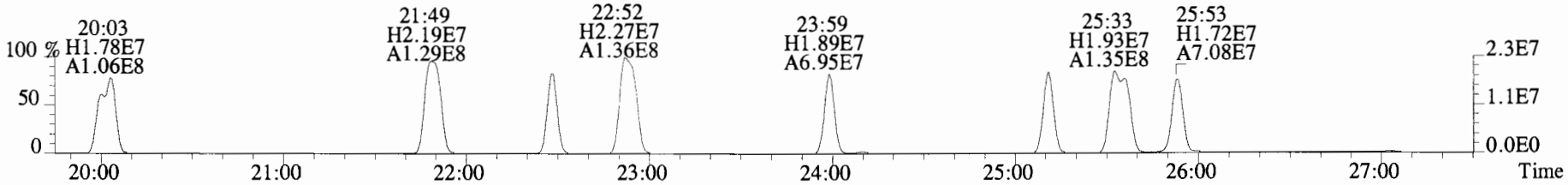
202.0766 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,45624.0,0.00%,F,F)



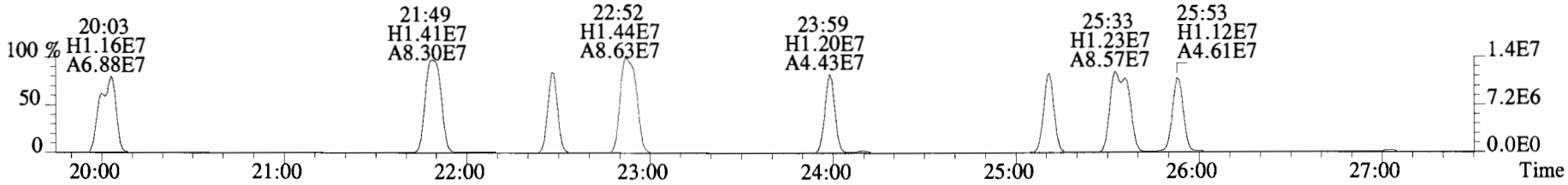
180.9880 S:4



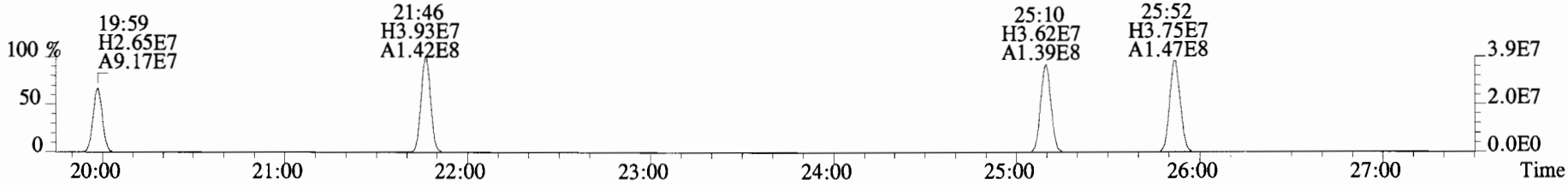
File:180208E1 #1-757 Acq: 8-FEB-2018 11:50:02 GC El+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
222.0003 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6820.0,0.00%,F,F)



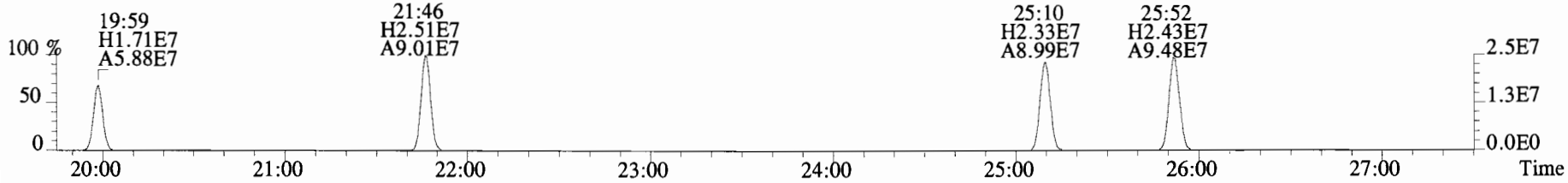
223.9974 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16192.0,0.00%,F,F)



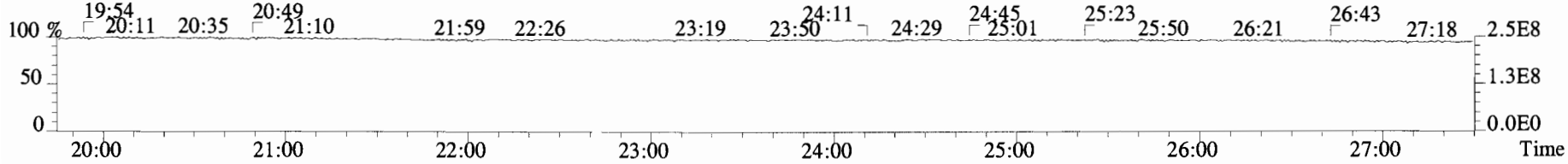
234.0406 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7028.0,0.00%,F,F)



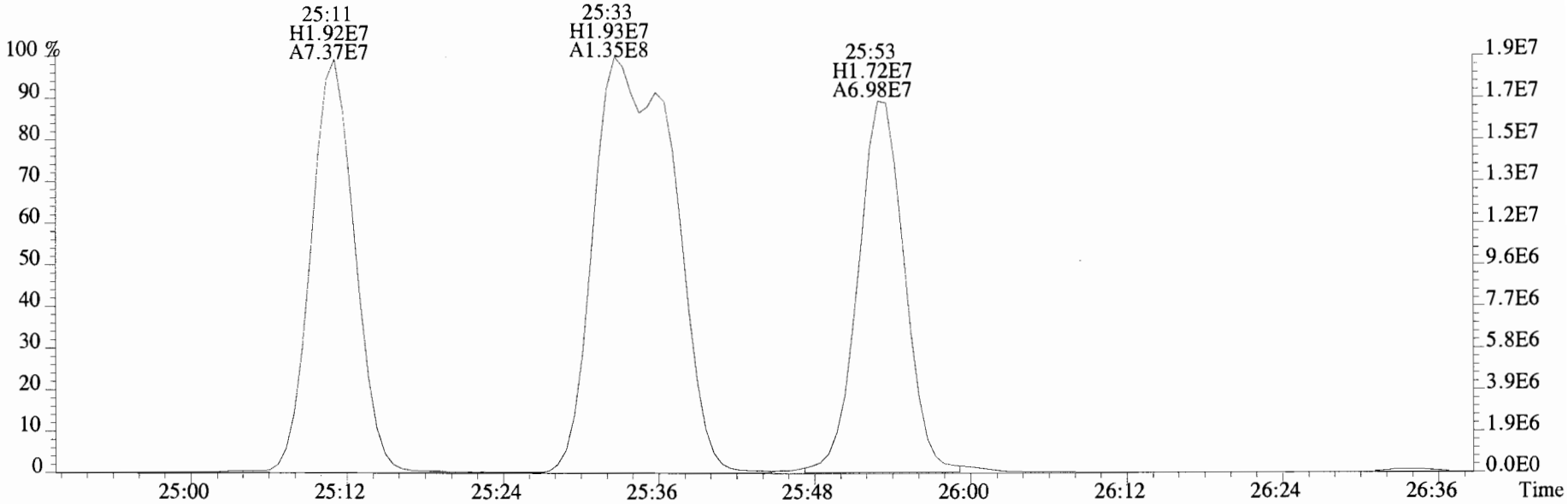
236.0376 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4744.0,0.00%,F,F)



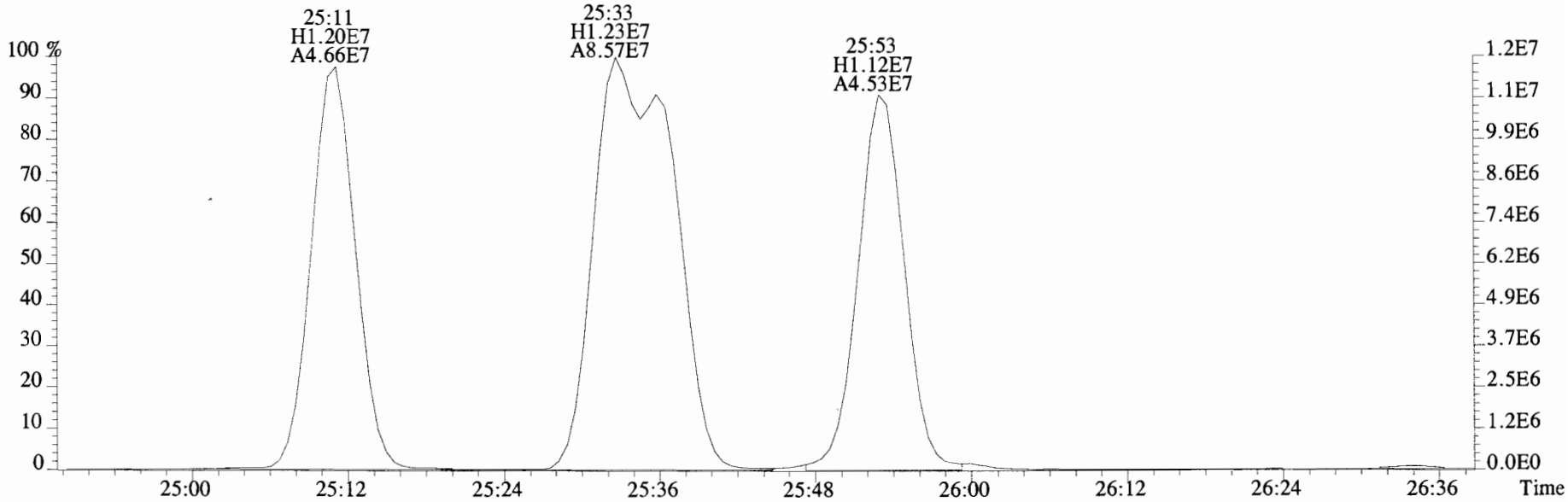
230.9856 S:4 F:2



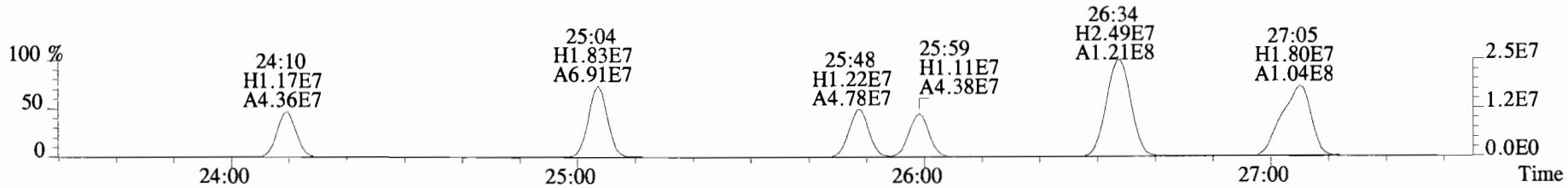
File:180208E1 #1-757 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
222.0003 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6820.0,0.00%,F,F)



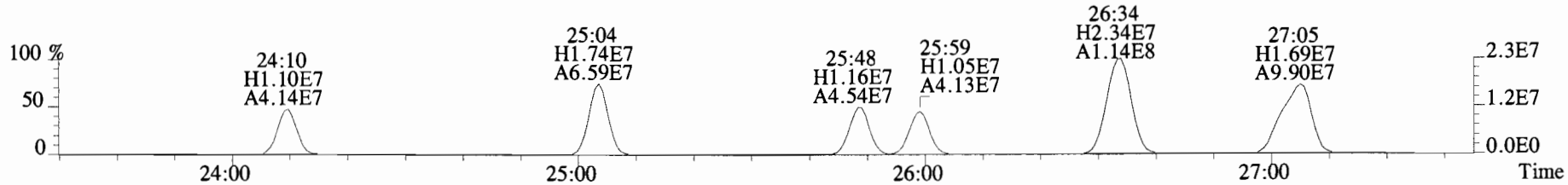
223.9974 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16192.0,0.00%,F,F)



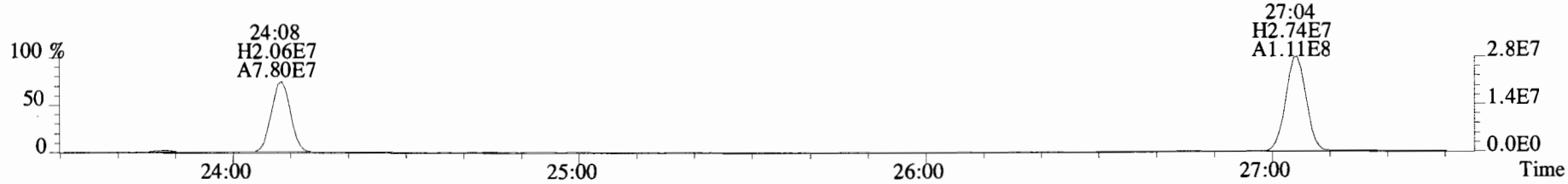
File:180208E1 #1-757 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5472.0,0.00%,F,F)



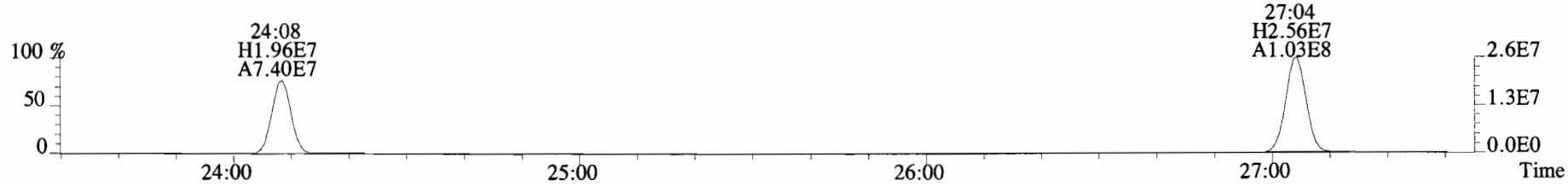
257.9584 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2716.0,0.00%,F,F)



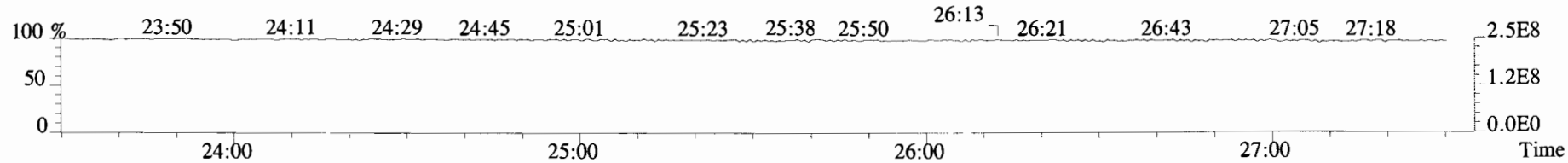
268.0016 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,122248.0,0.00%,F,F)



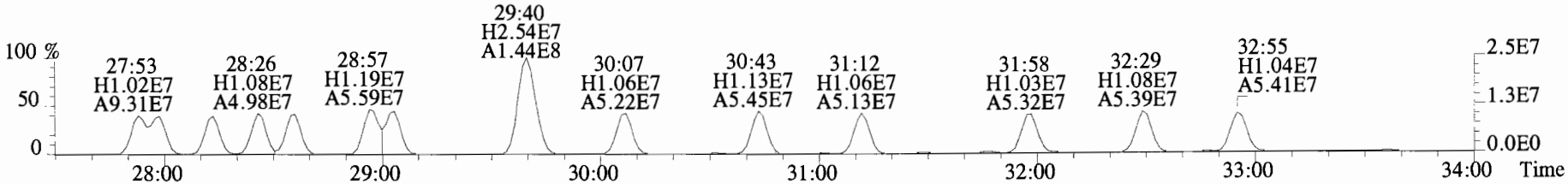
269.9986 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,57912.0,0.00%,F,F)



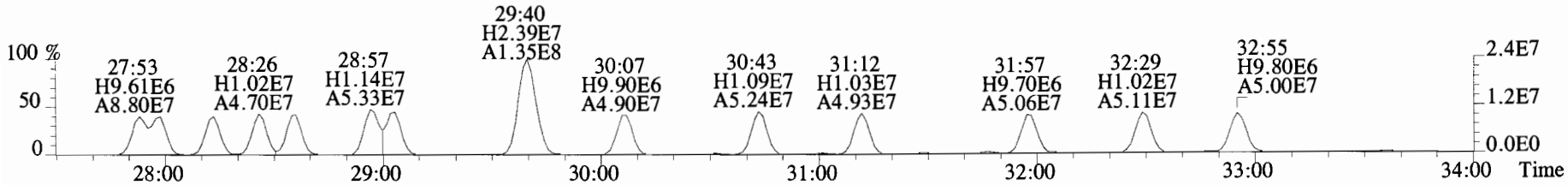
230.9856 S:4 F:2



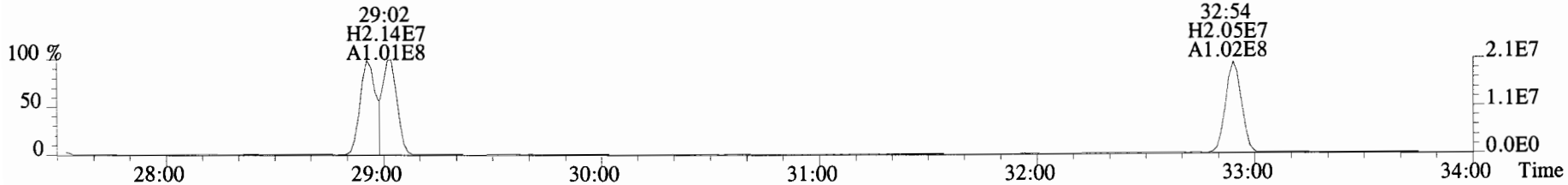
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15204.0,0.00%,F,F)



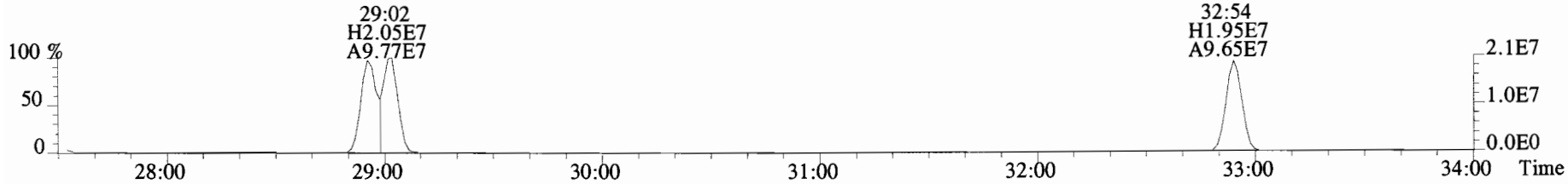
257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13460.0,0.00%,F,F)



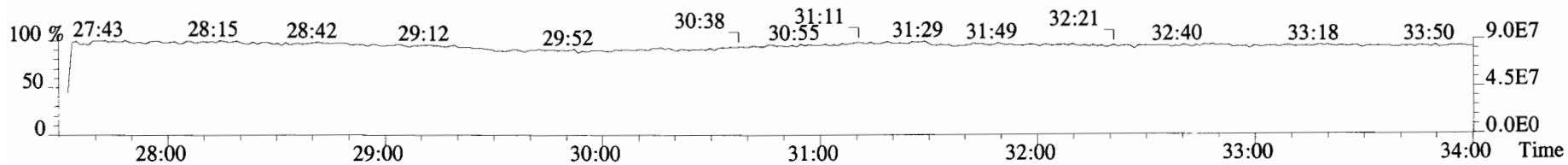
268.0016 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,86660.0,0.00%,F,F)



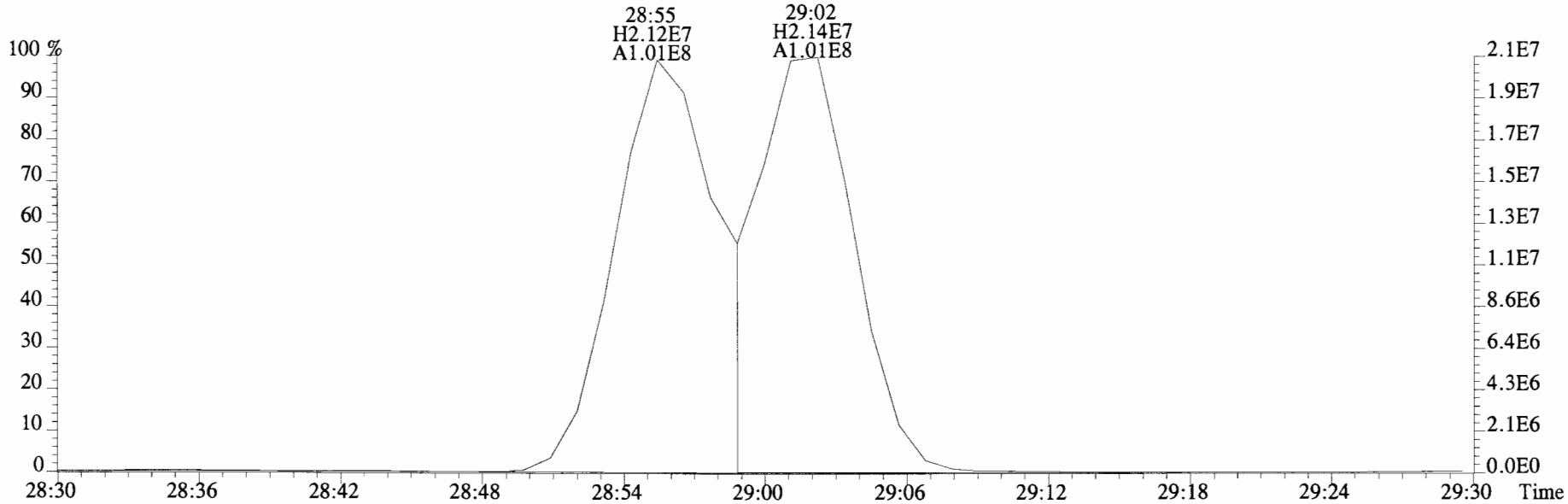
269.9986 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23324.0,0.00%,F,F)



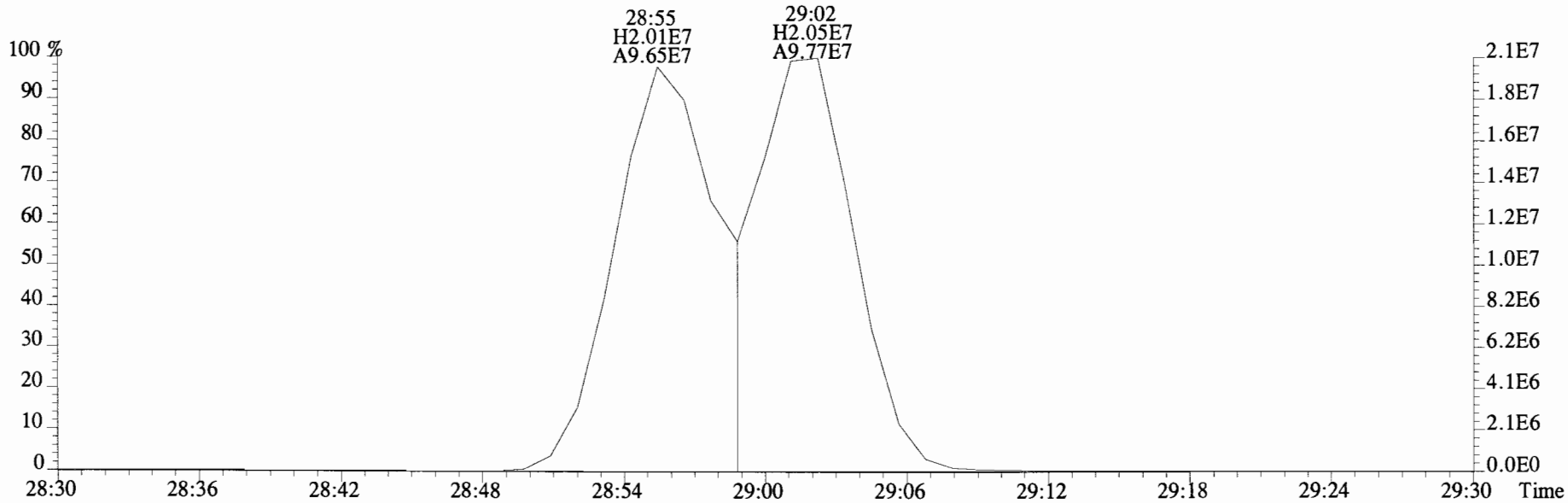
330.9792 S:4 F:3



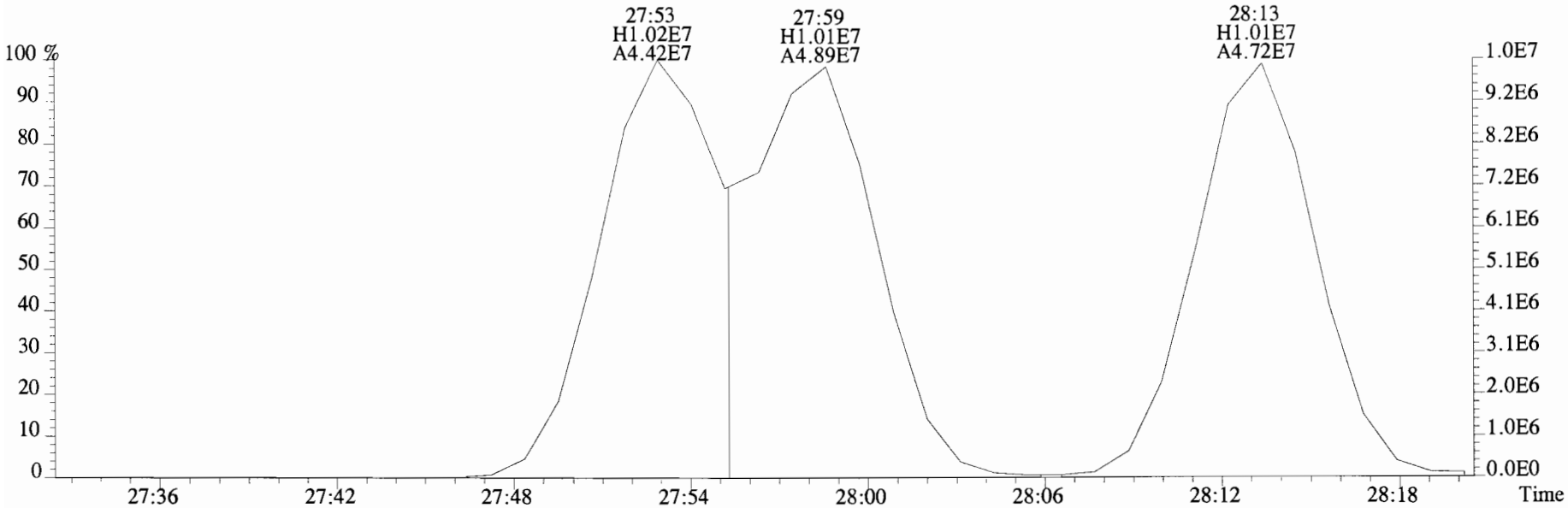
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
268.0016 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,86660.0,0.00%,F,F)



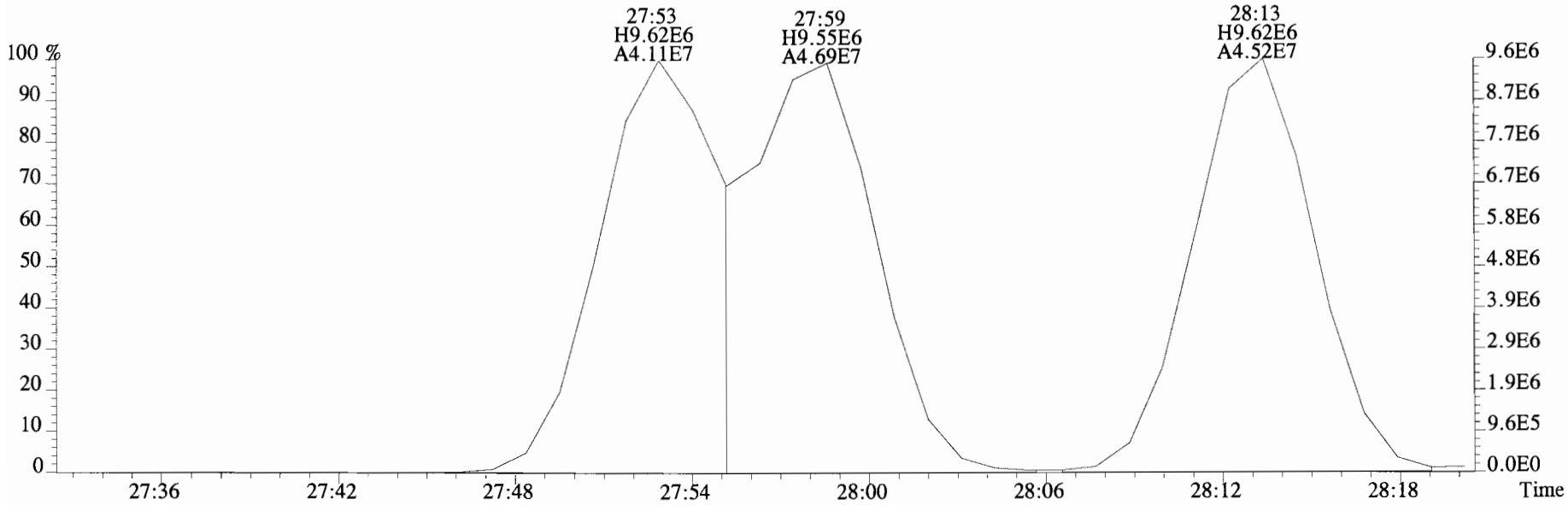
269.9986 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23324.0,0.00%,F,F)



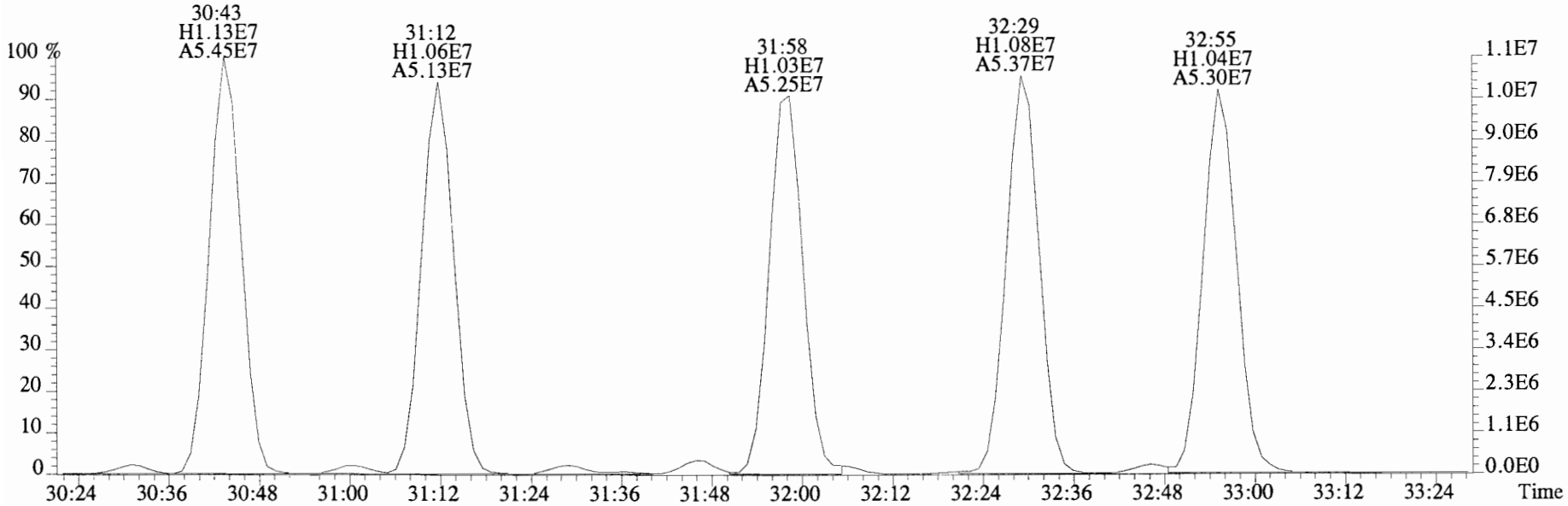
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15204.0,0.00%,F,F)



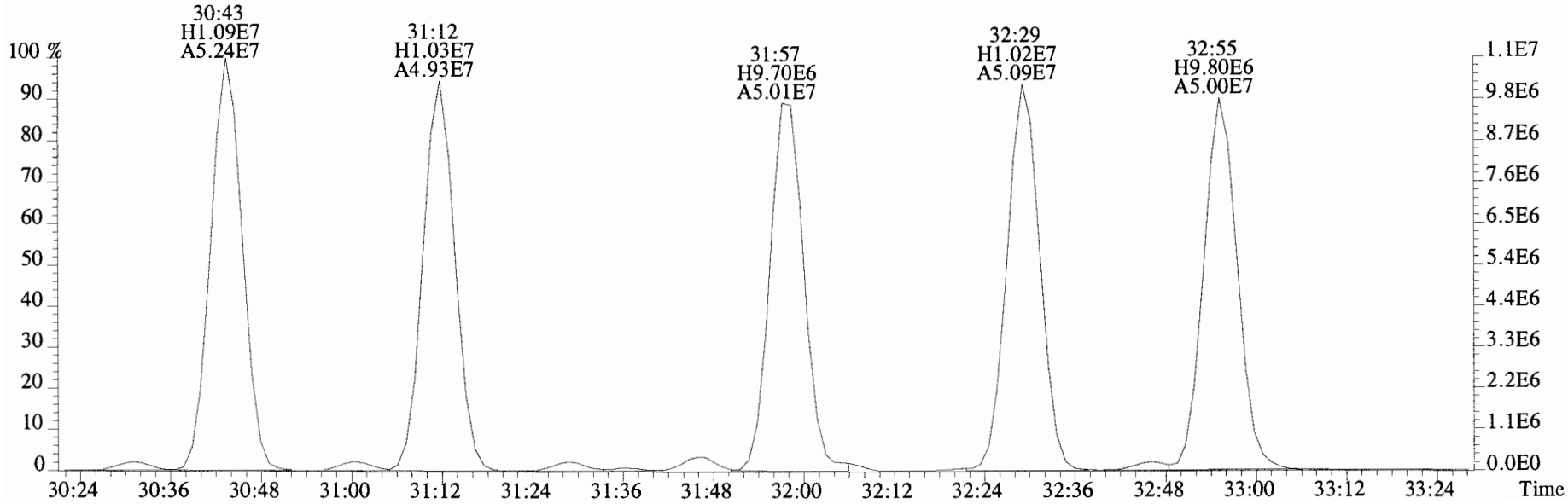
257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13460.0,0.00%,F,F)



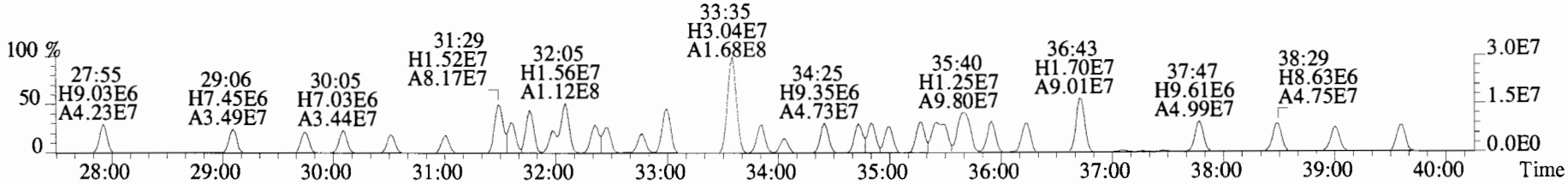
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15204.0,0.00%,F,F)



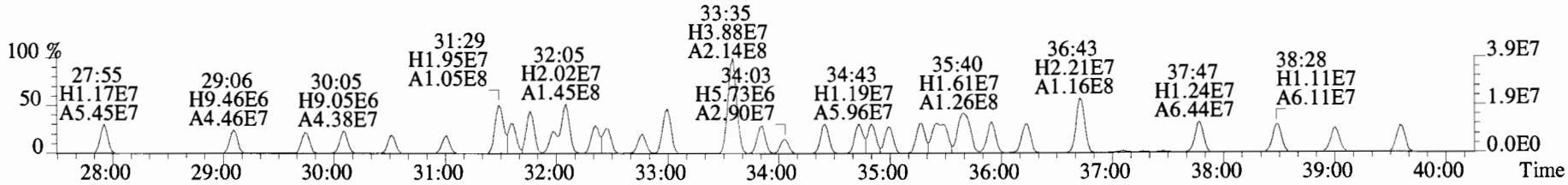
257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13460.0,0.00%,F,F)



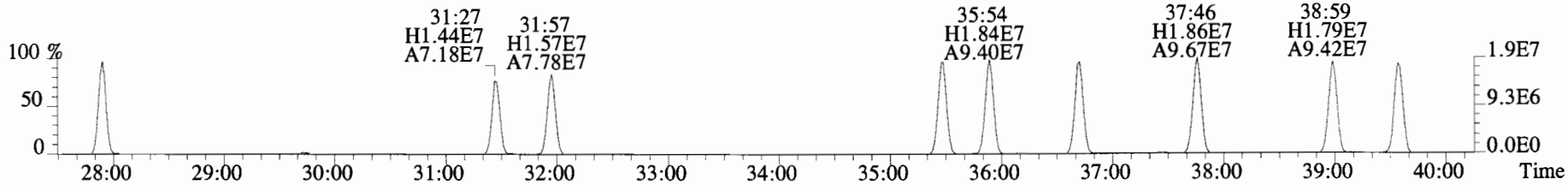
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24808.0,0.00%,F,F)



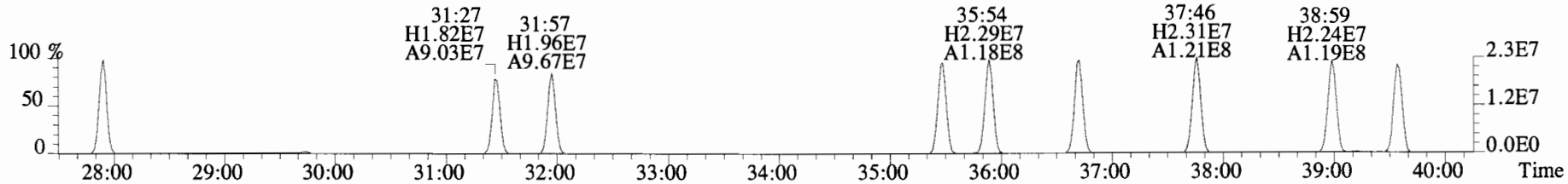
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27716.0,0.00%,F,F)



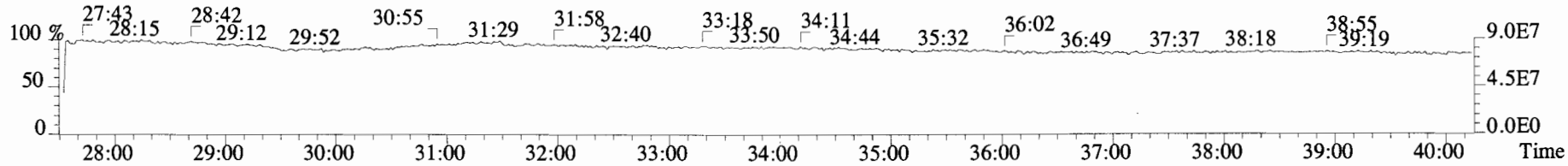
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37508.0,0.00%,F,F)



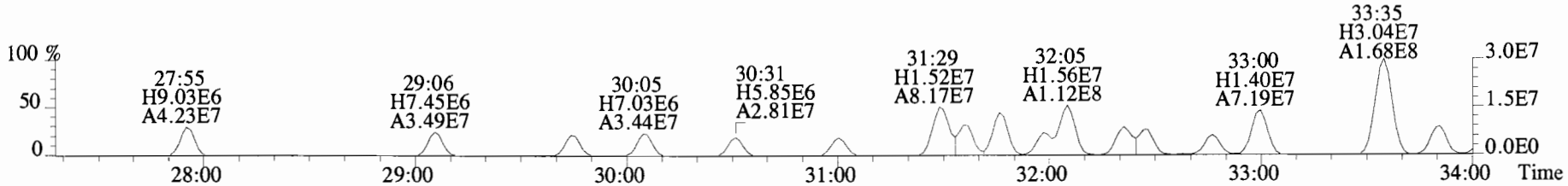
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20648.0,0.00%,F,F)



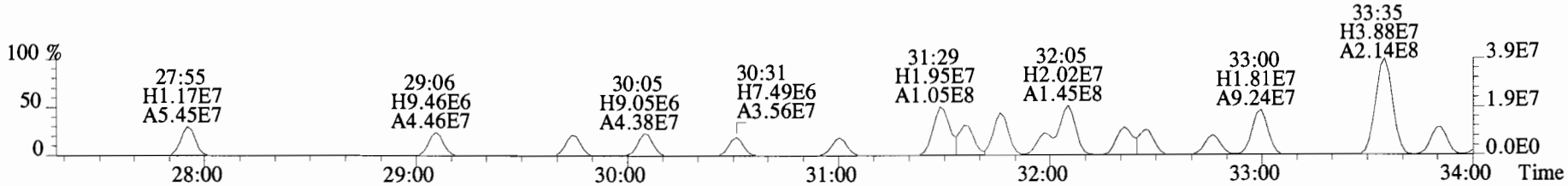
330.9792 S:4 F:3



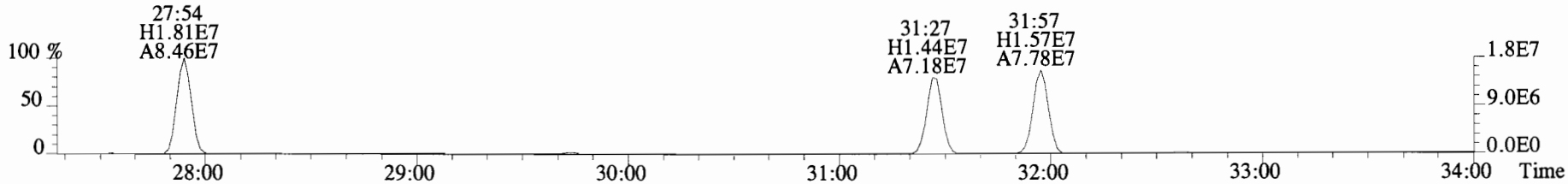
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24808.0,0.00%,F,F)



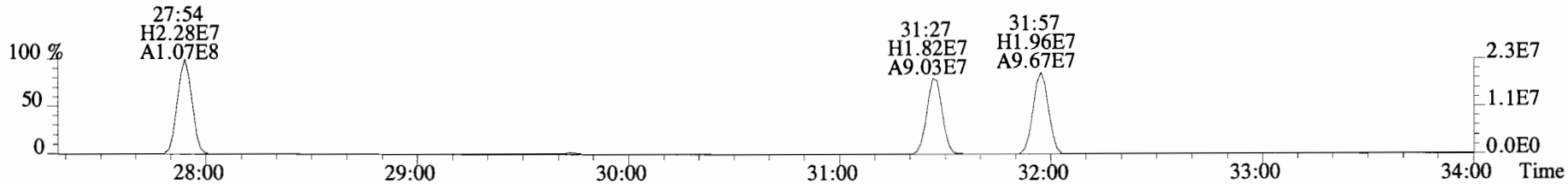
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27716.0,0.00%,F,F)



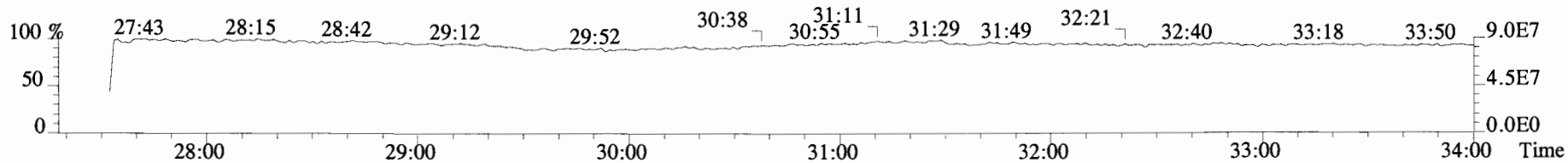
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37508.0,0.00%,F,F)



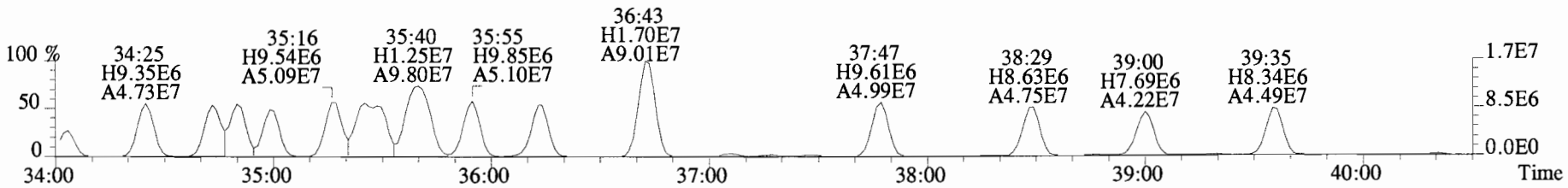
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20648.0,0.00%,F,F)



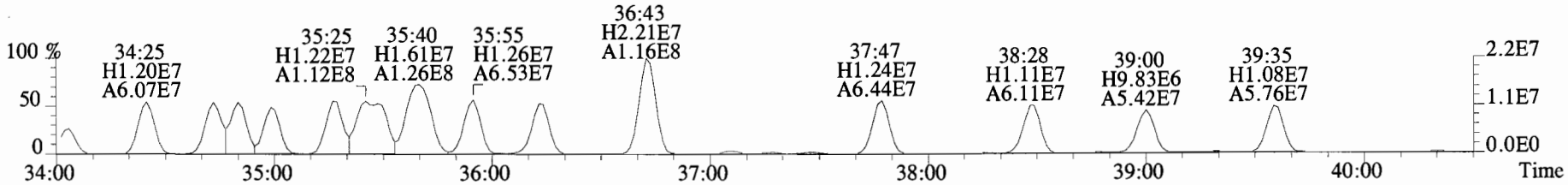
330.9792 S:4 F:3



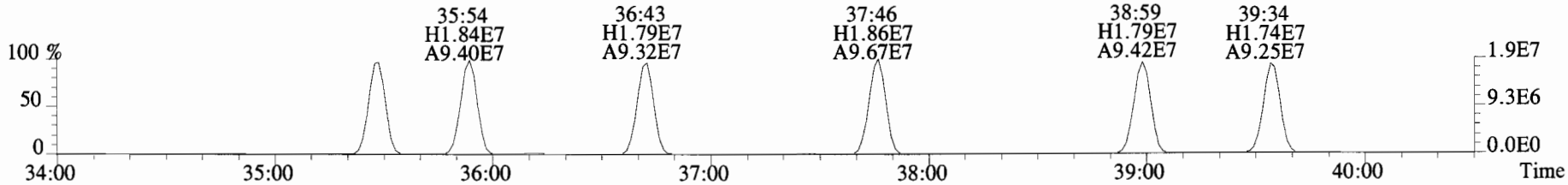
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24808.0,0.00%,F,F)



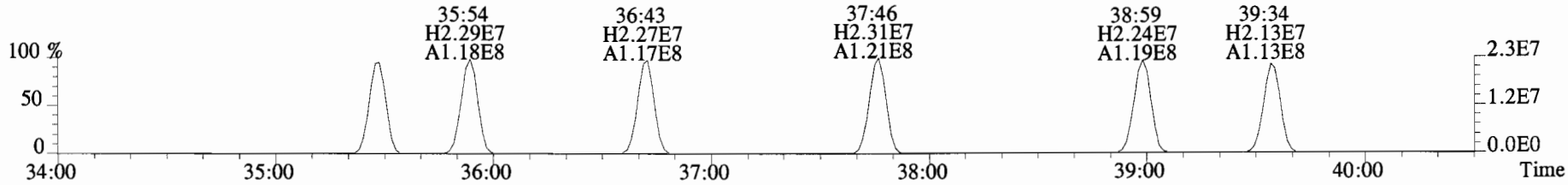
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27716.0,0.00%,F,F)



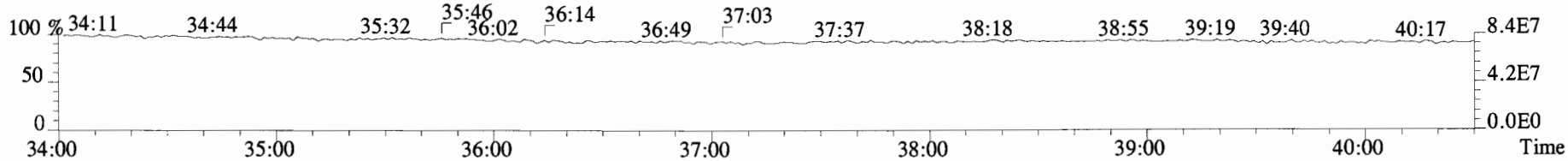
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37508.0,0.00%,F,F)



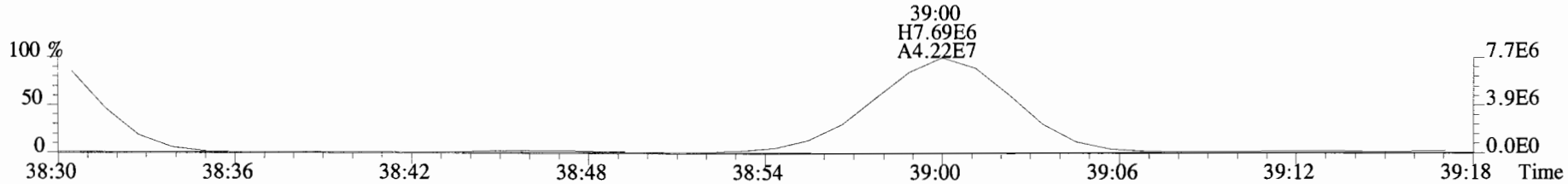
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20648.0,0.00%,F,F)



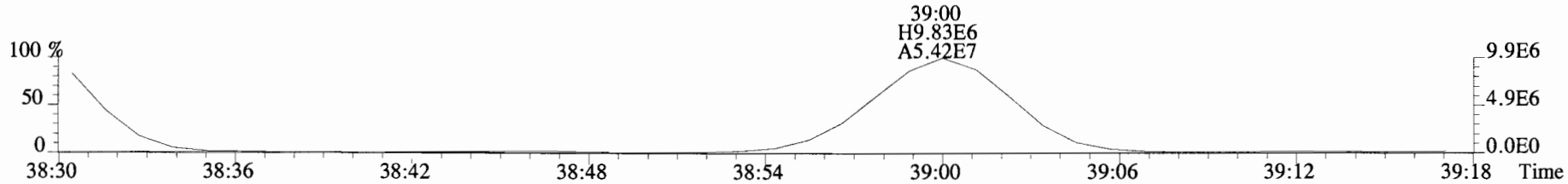
330.9792 S:4 F:3



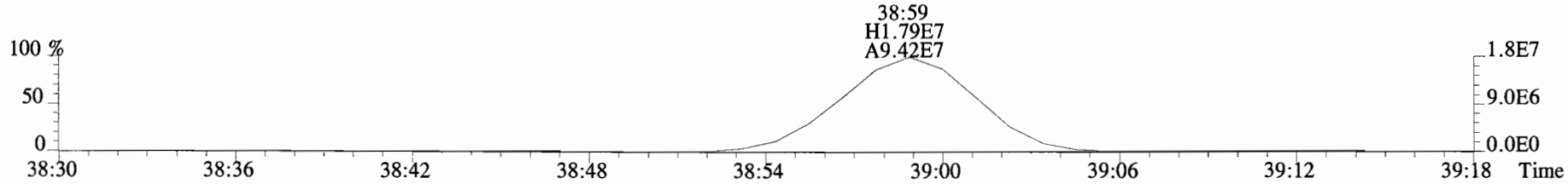
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24808.0,0.00%,F,F)



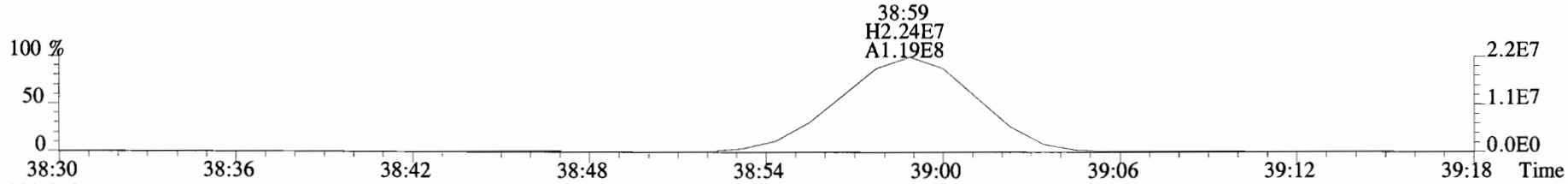
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27716.0,0.00%,F,F)



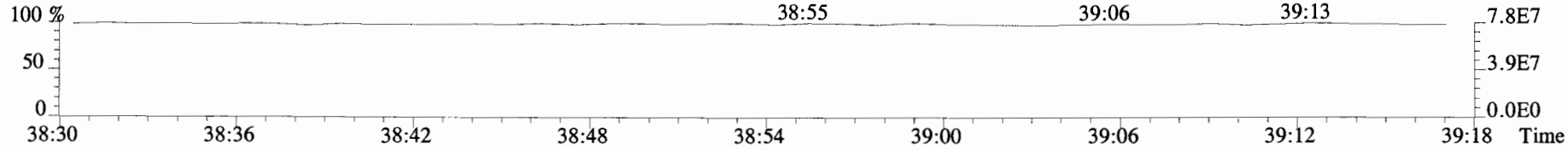
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37508.0,0.00%,F,F)



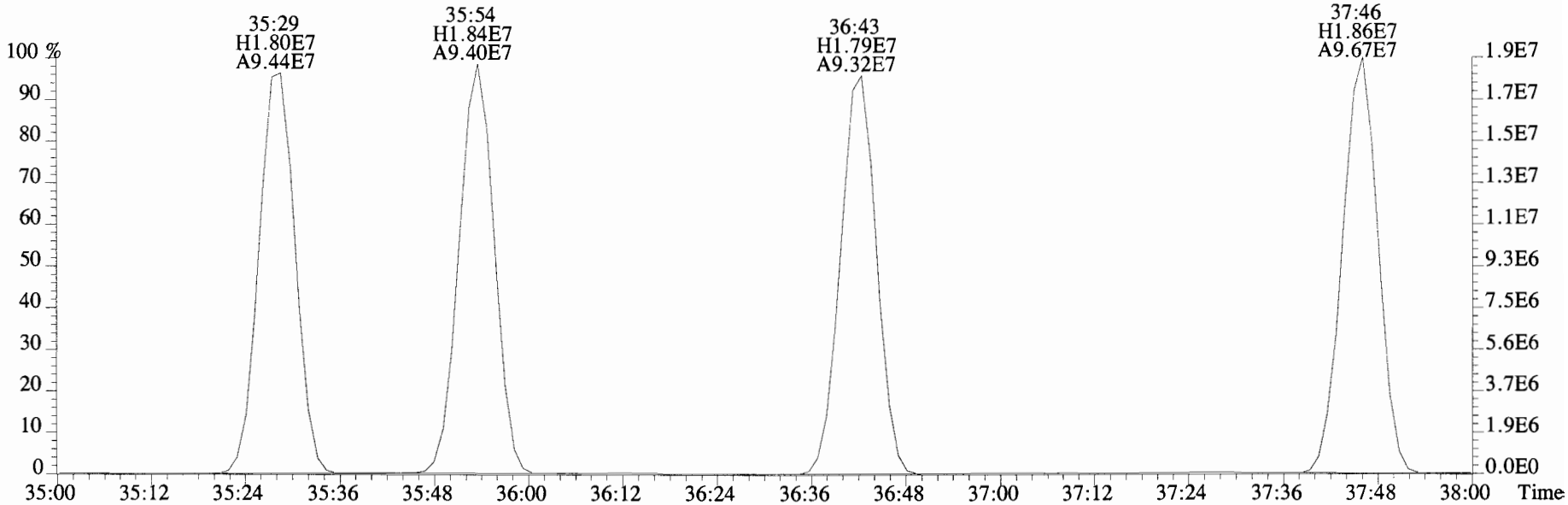
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20648.0,0.00%,F,F)



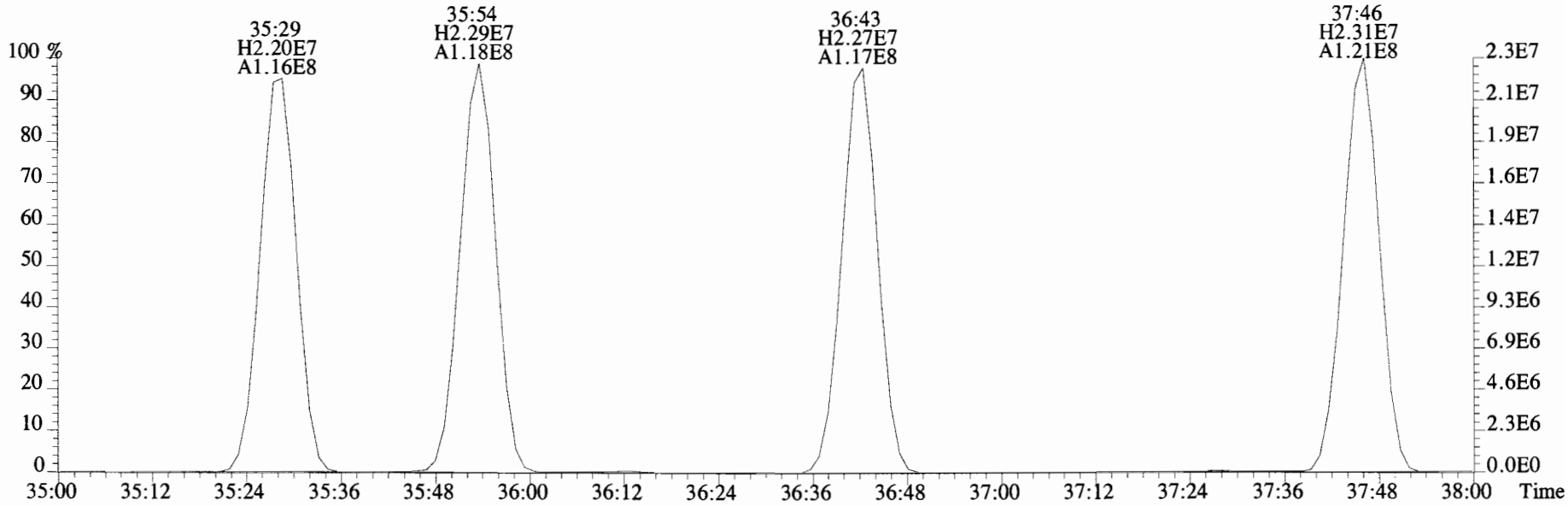
330.9792 S:4 F:3



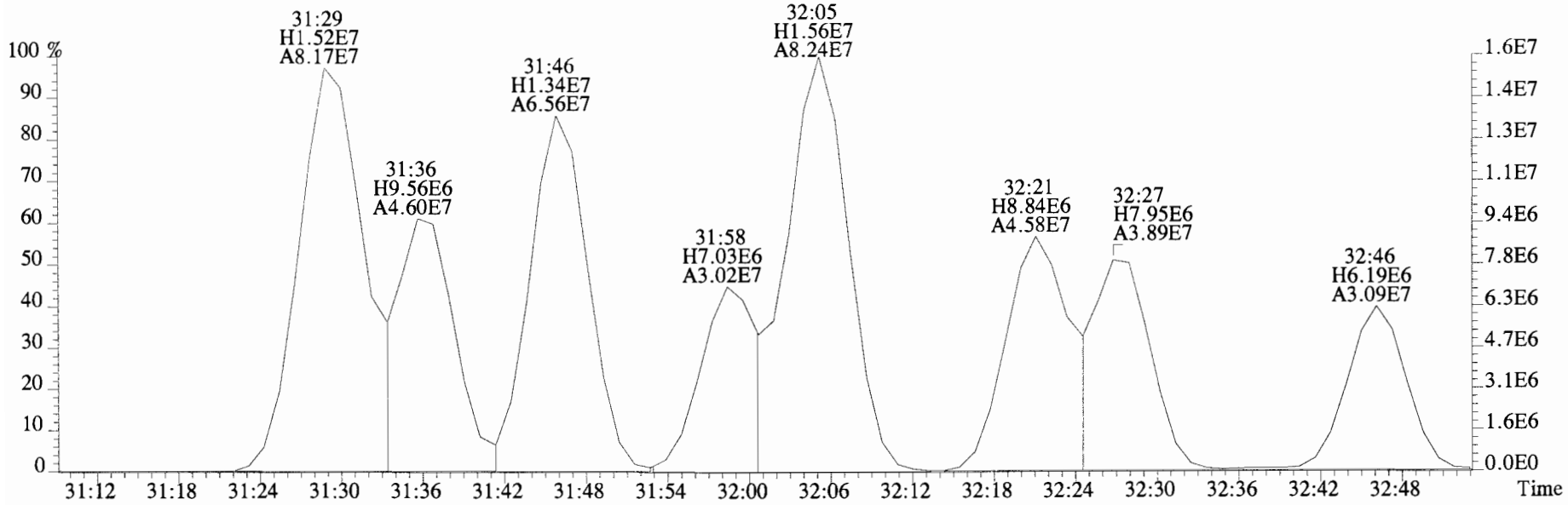
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37508.0,0.00%,F,F)



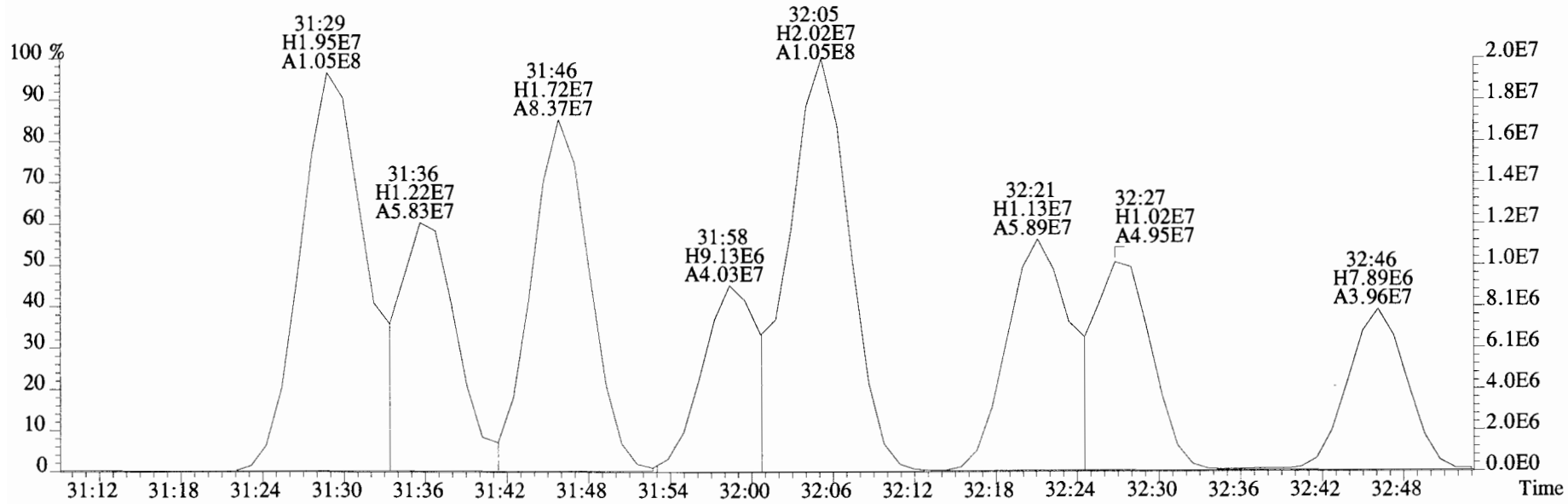
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20648.0,0.00%,F,F)



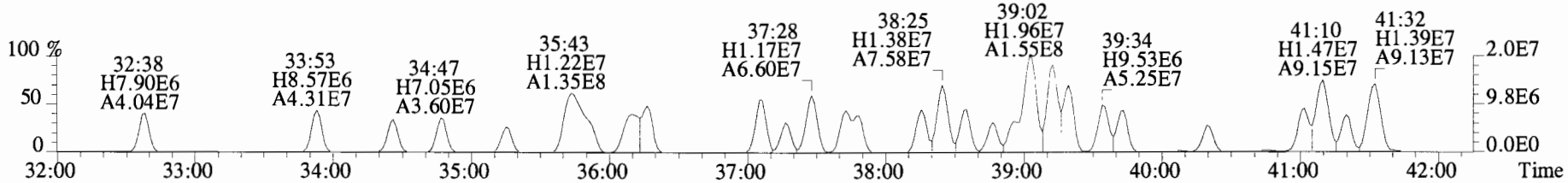
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24808.0,0.00%,F,F)



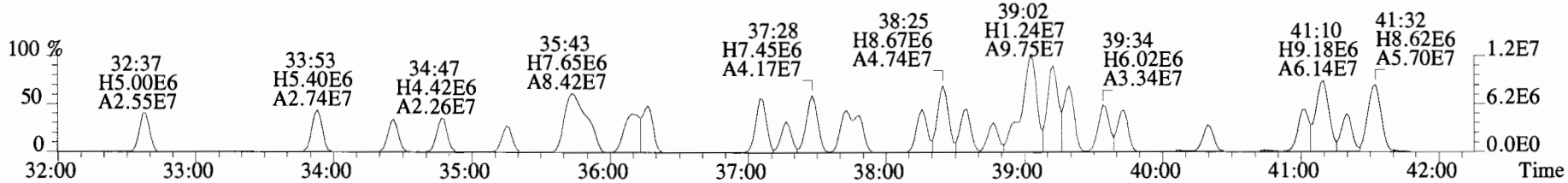
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27716.0,0.00%,F,F)



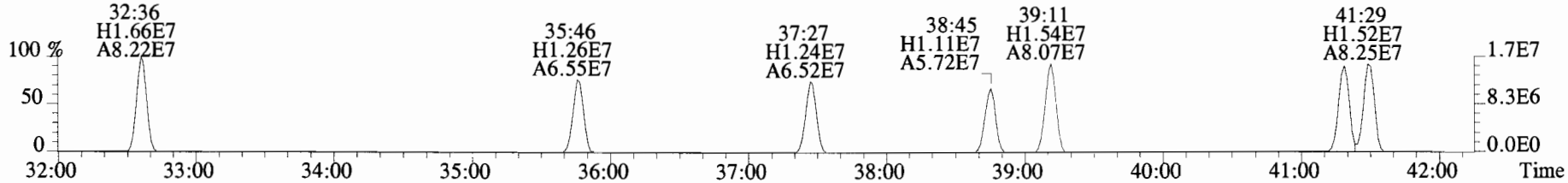
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



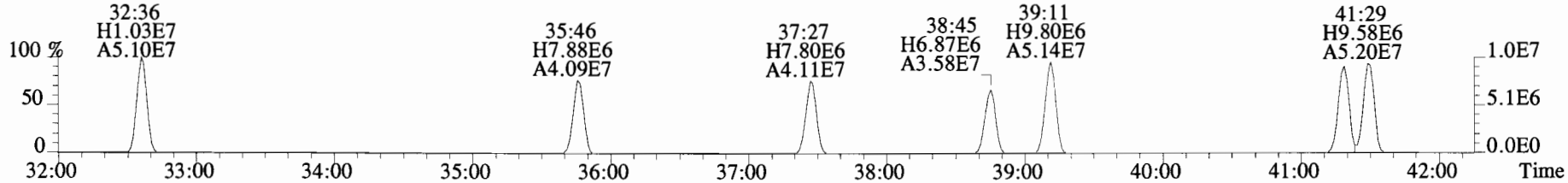
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2092.0,0.00%,F,F)



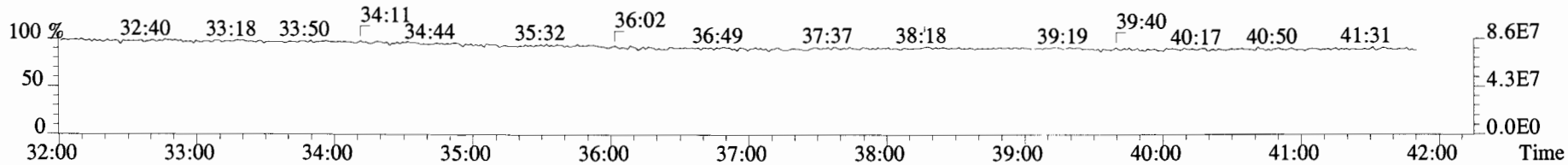
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7456.0,0.00%,F,F)



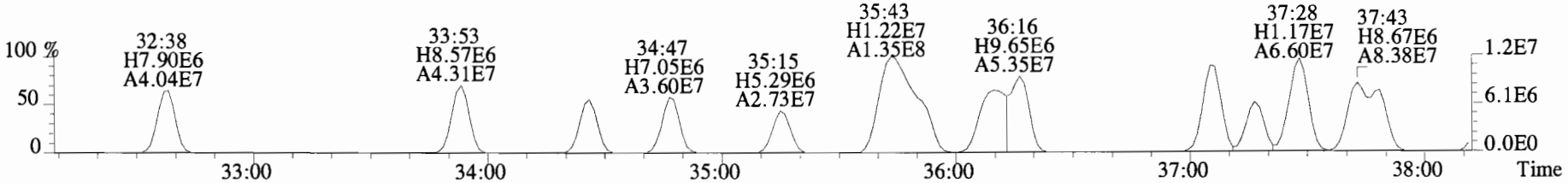
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4200.0,0.00%,F,F)



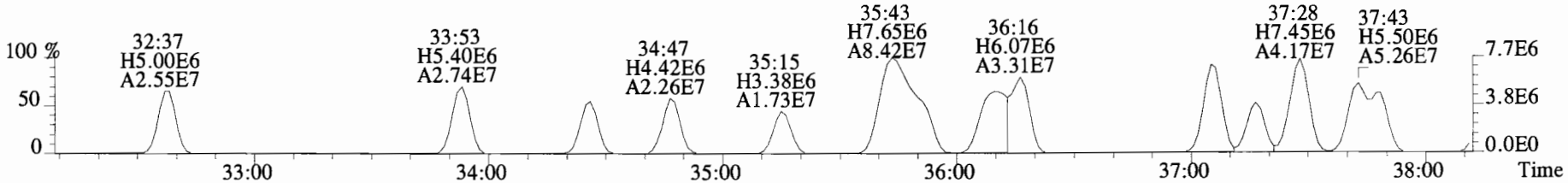
330.9792 S:4 F:3



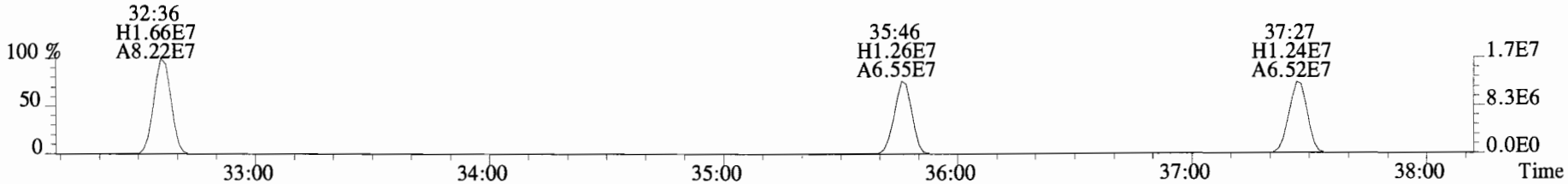
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



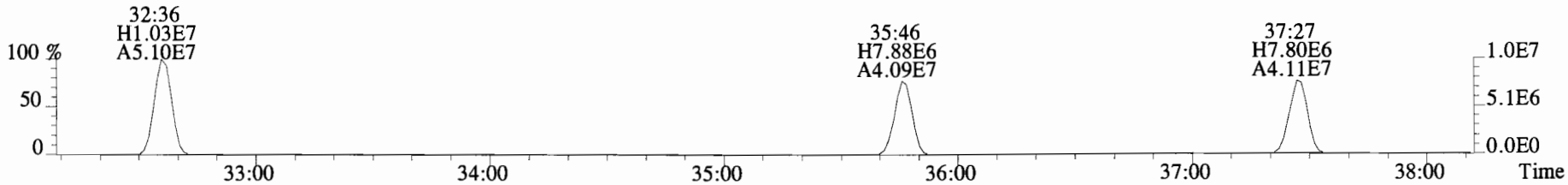
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2092.0,0.00%,F,F)



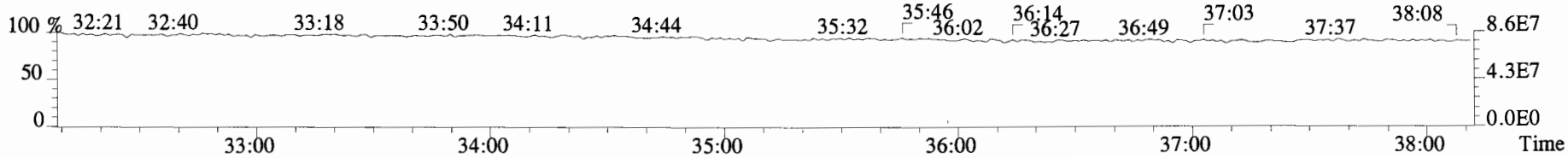
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7456.0,0.00%,F,F)



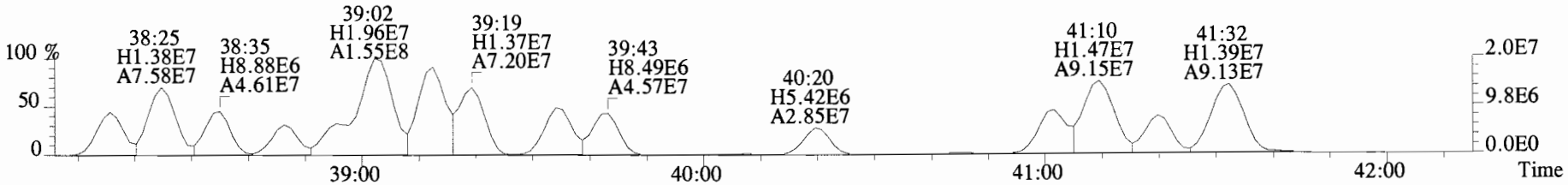
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4200.0,0.00%,F,F)



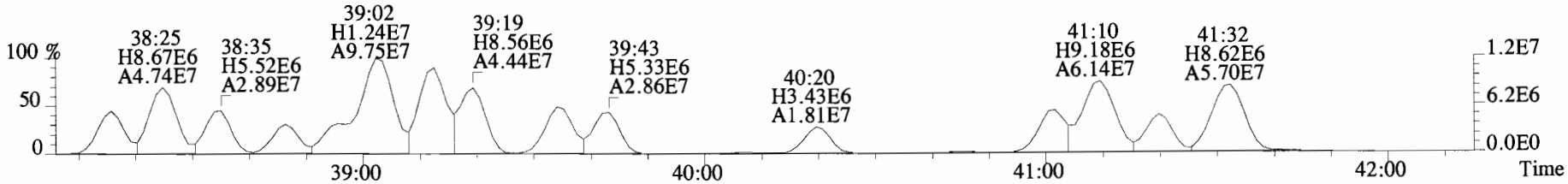
330.9792 S:4 F:3



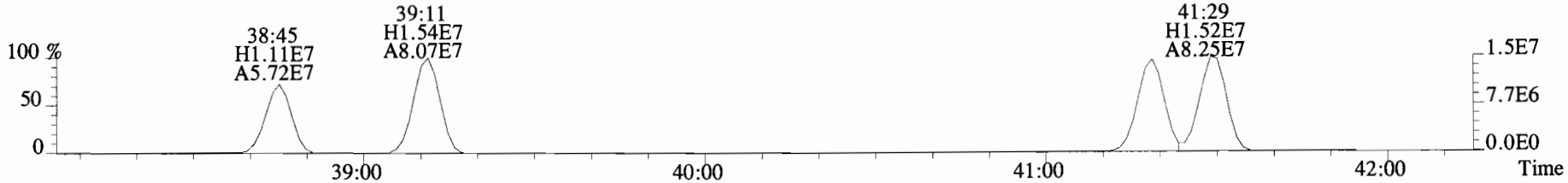
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



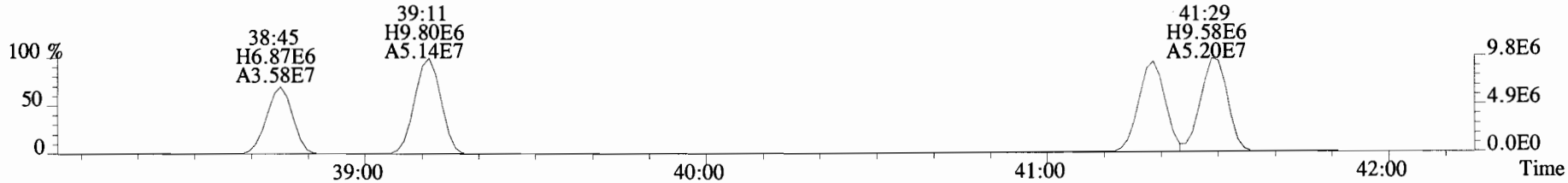
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2092.0,0.00%,F,F)



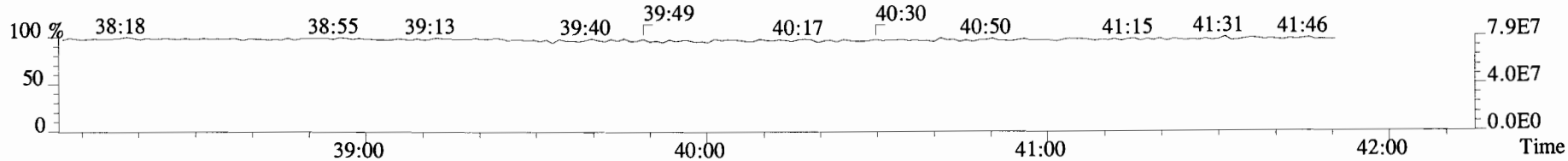
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7456.0,0.00%,F,F)



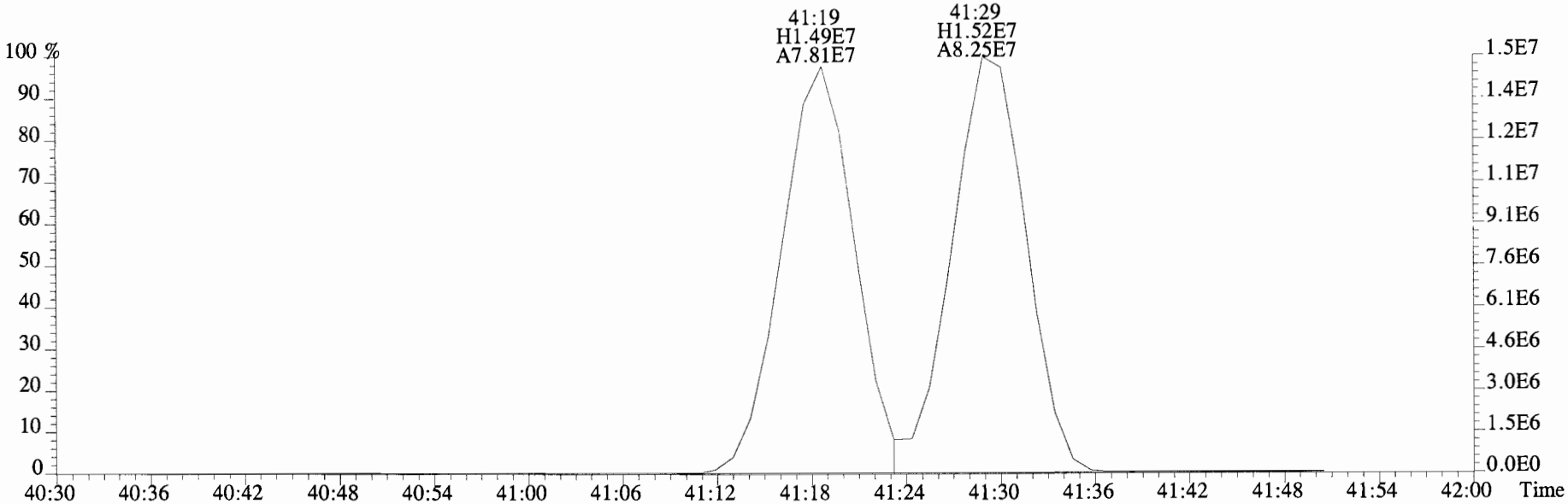
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4200.0,0.00%,F,F)



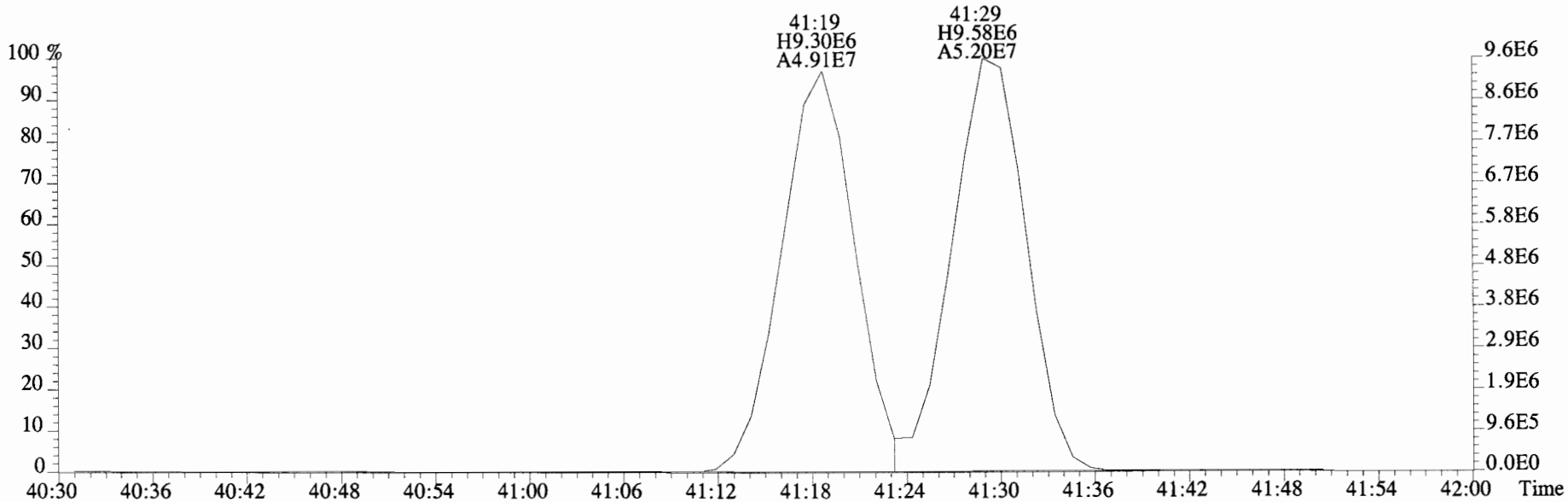
330.9792 S:4 F:3



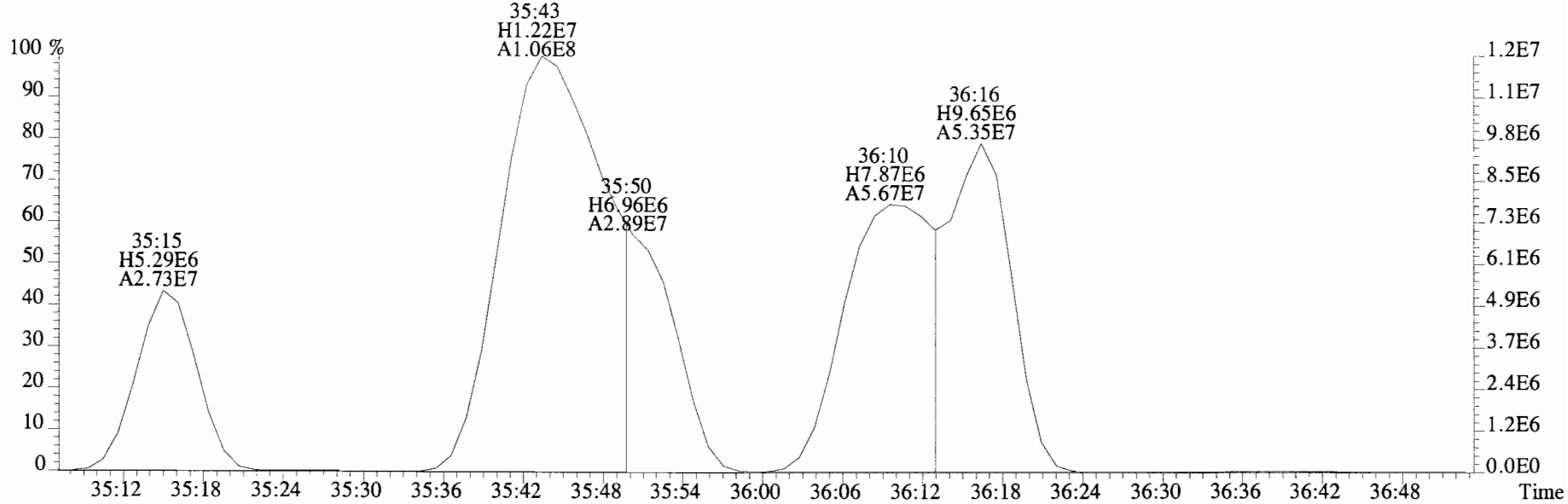
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SlR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7456.0,0.00%,F,F)



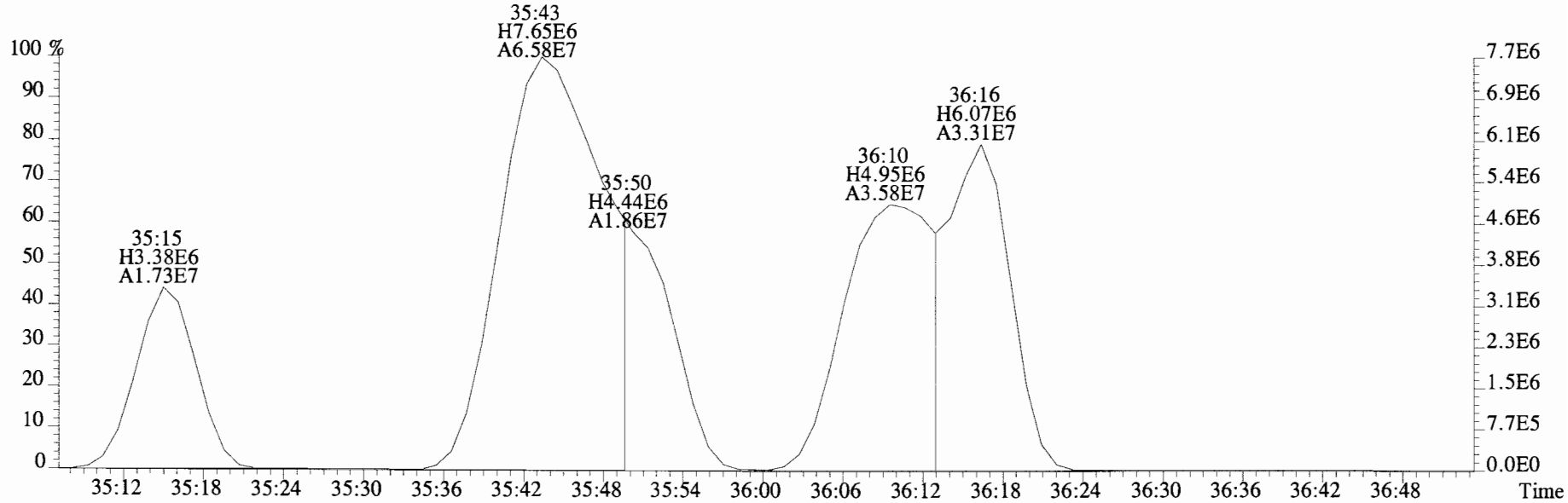
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4200.0,0.00%,F,F)



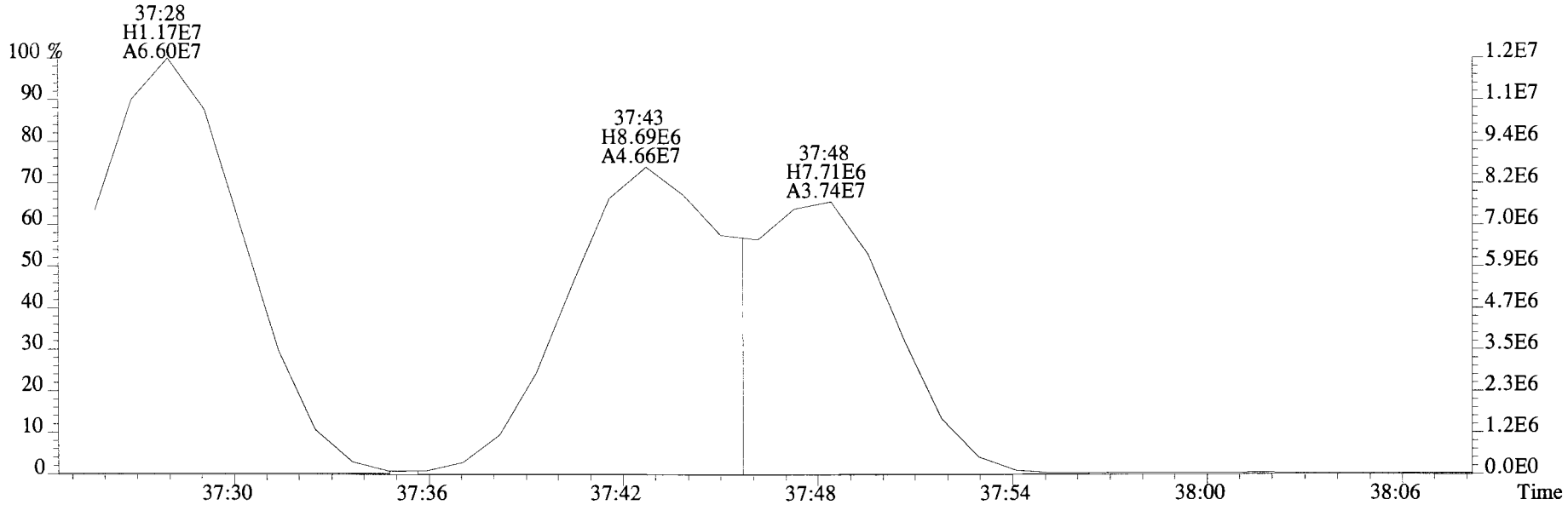
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



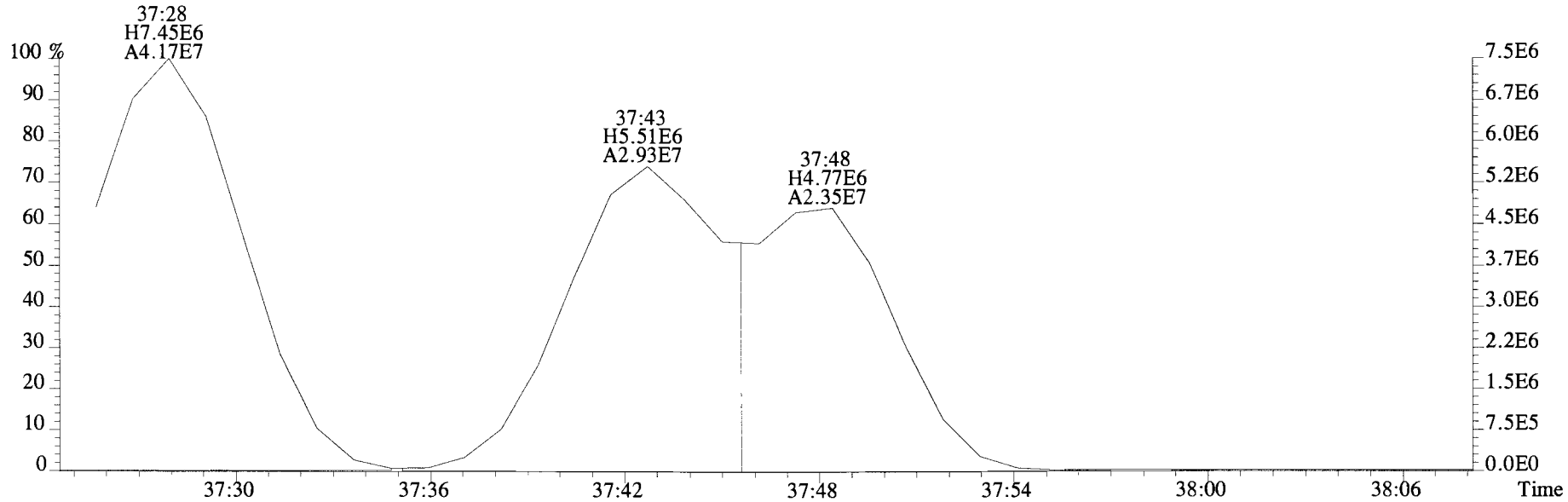
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2092.0,0.00%,F,F)



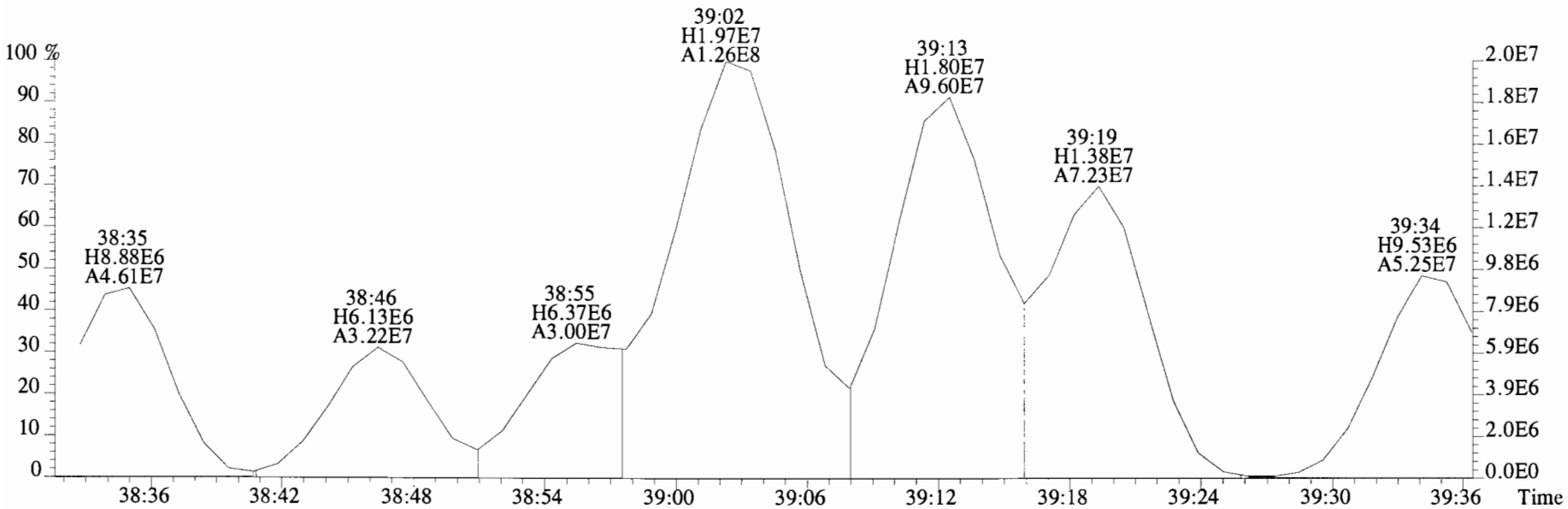
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



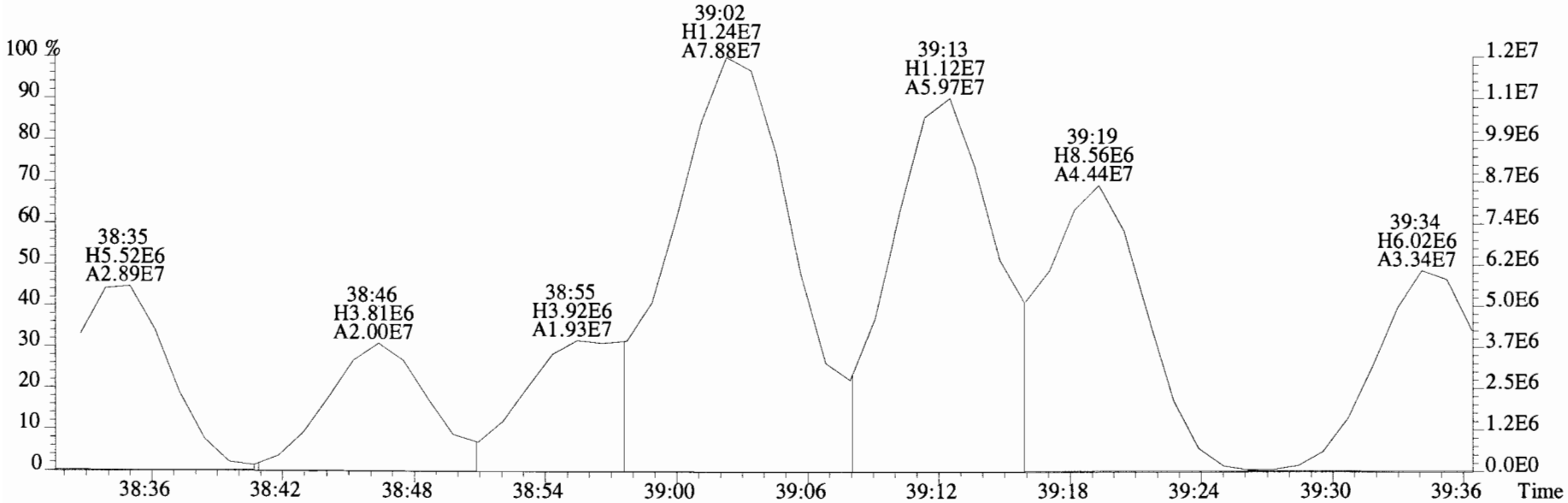
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2092.0,0.00%,F,F)



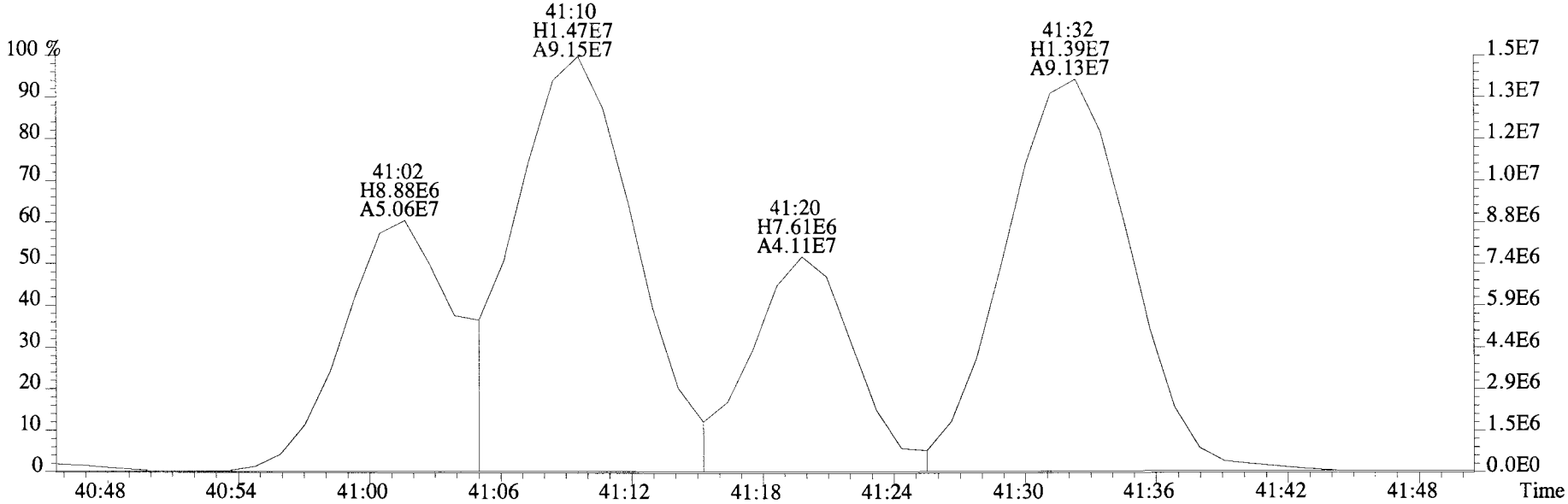
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



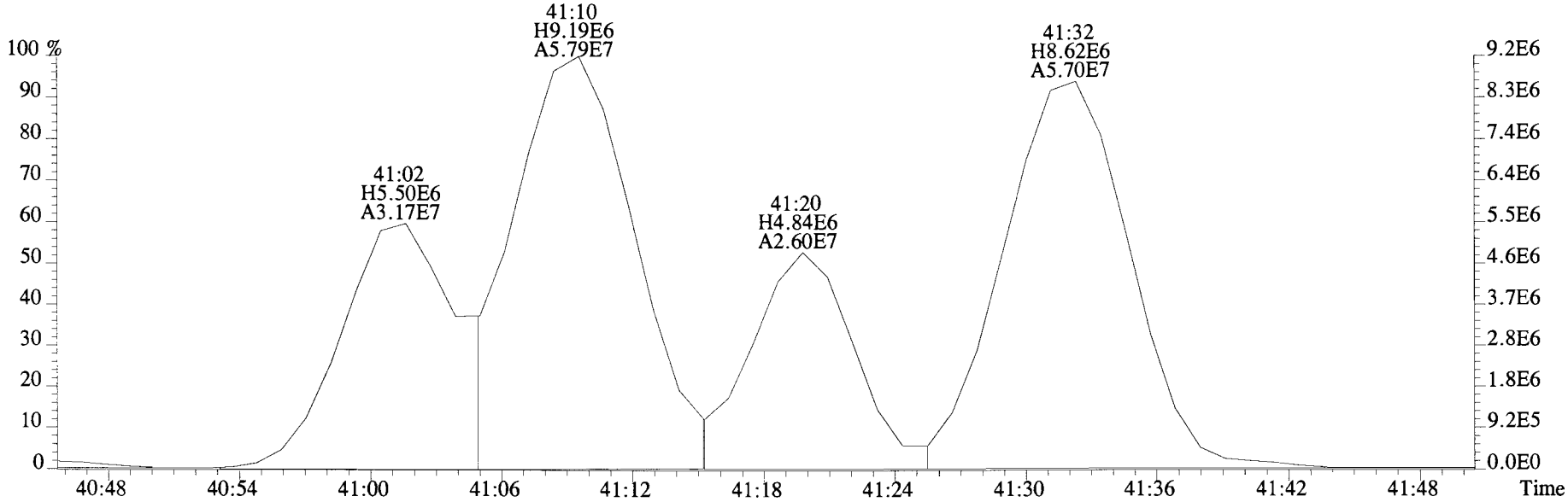
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2092.0,0.00%,F,F)



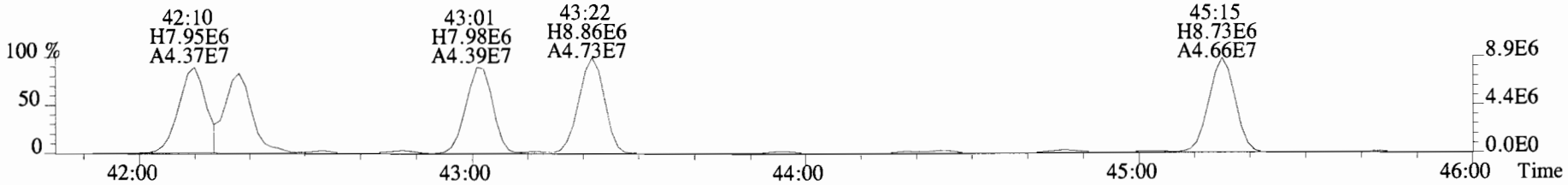
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



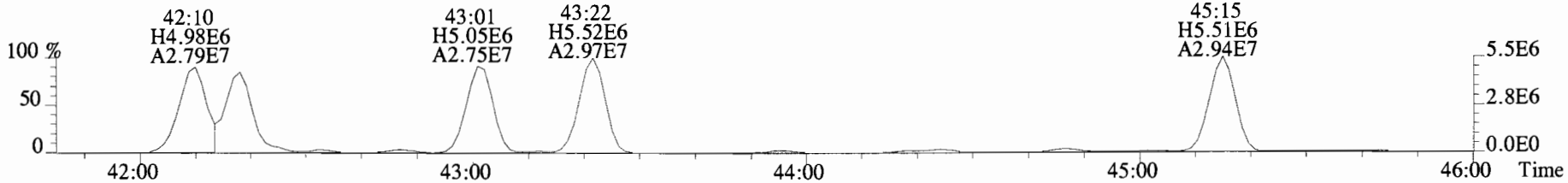
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2092.0,0.00%,F,F)



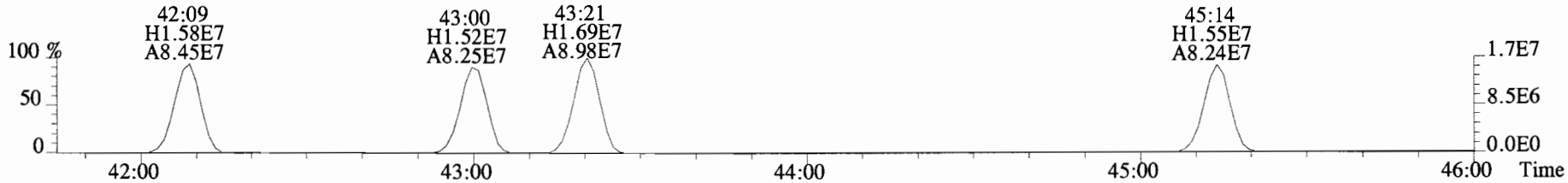
File:180208E1 #1-574 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13140.0,0.00%,F,F)



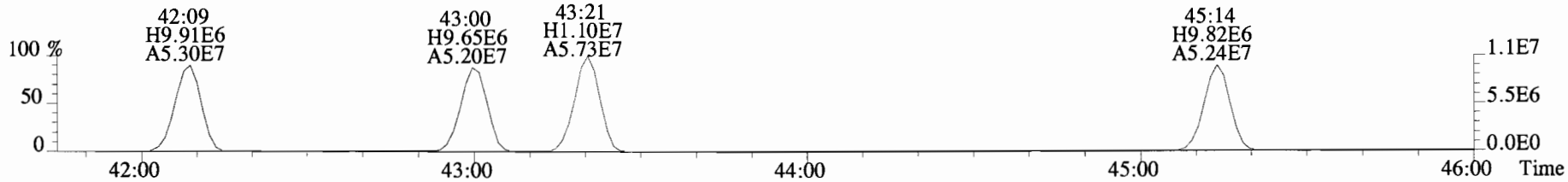
327.8775 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8388.0,0.00%,F,F)



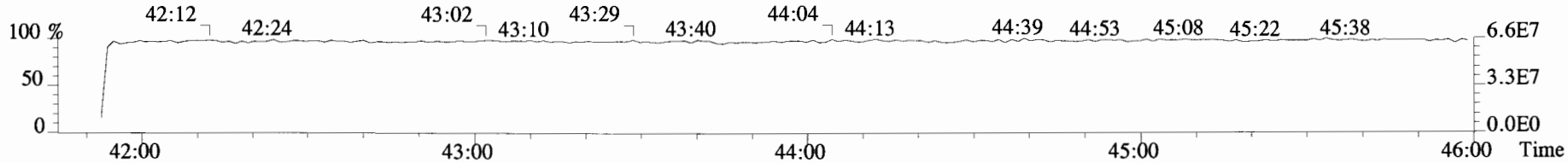
337.9207 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12724.0,0.00%,F,F)



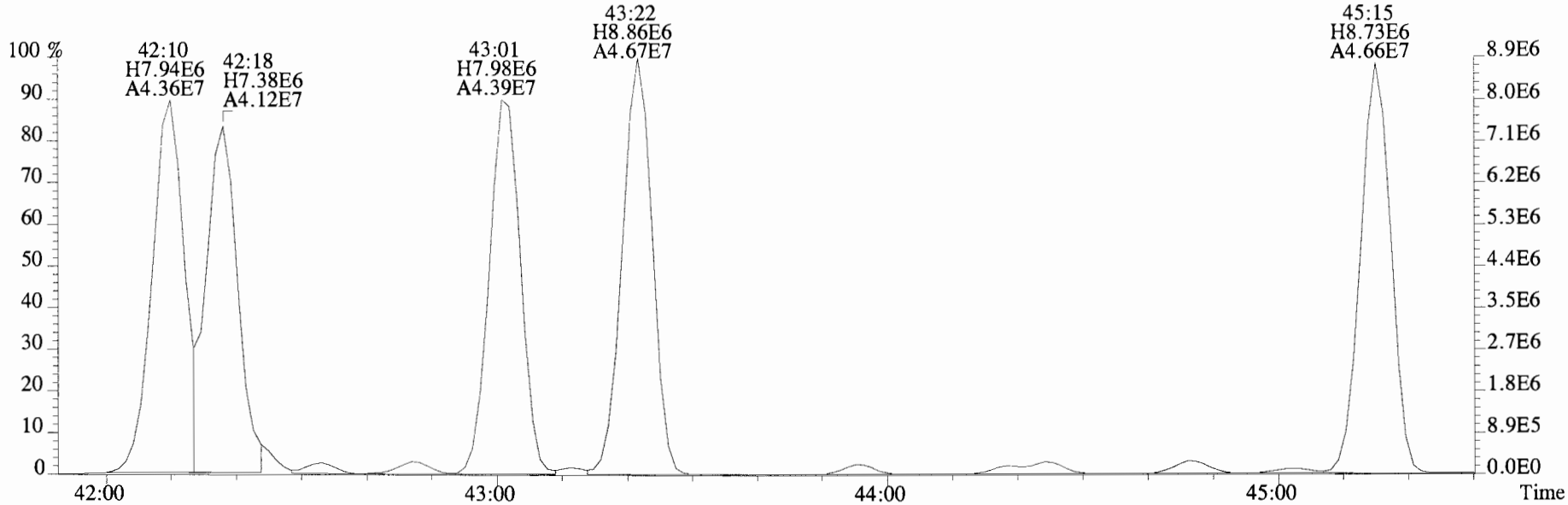
339.9177 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9400.0,0.00%,F,F)



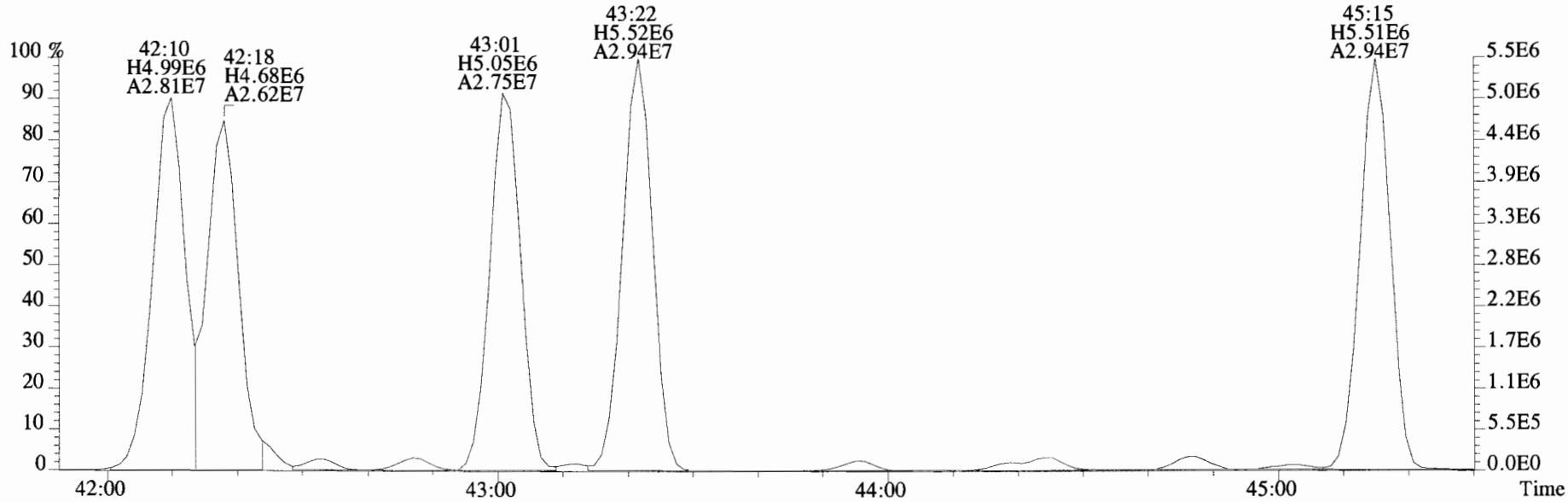
380.9760 S:4 F:4



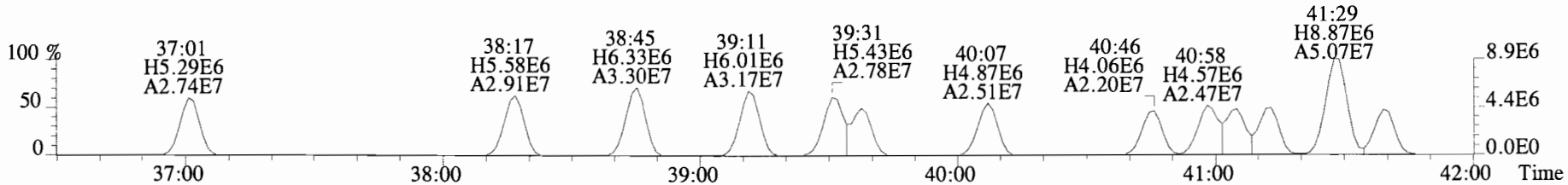
File:180208E1 #1-574 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13140.0,0.00%,F,F)



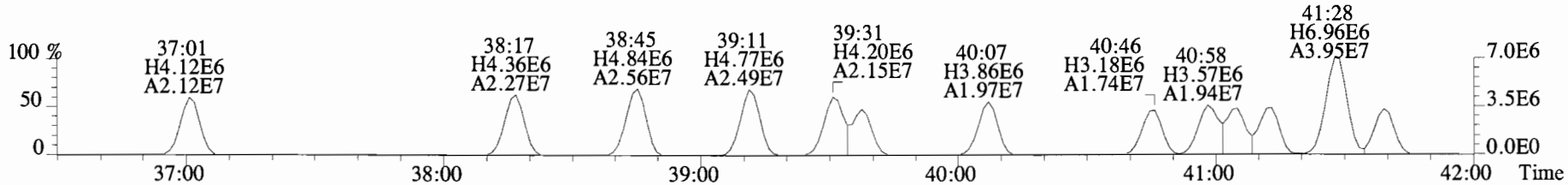
327.8775 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8388.0,0.00%,F,F)



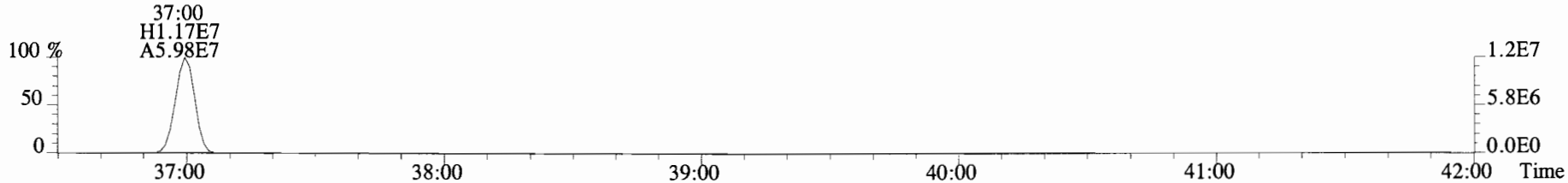
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1812.0,0.00%,F,F)



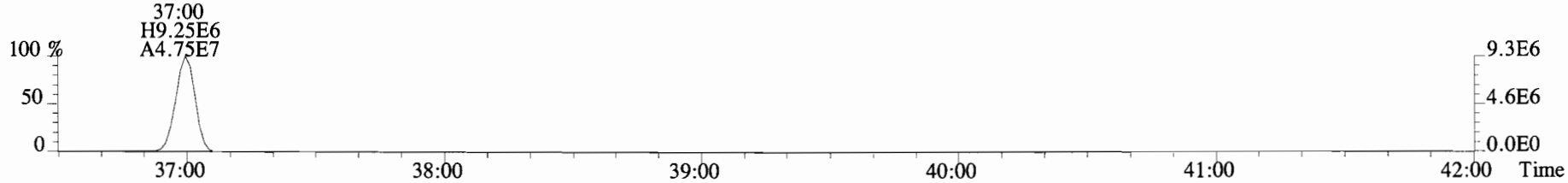
361.8385 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1692.0,0.00%,F,F)



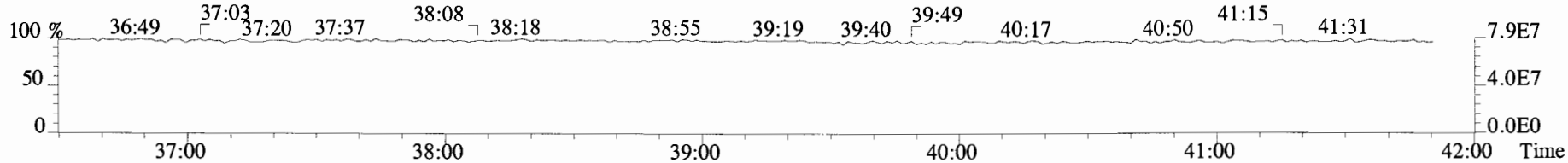
371.8817 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1804.0,0.00%,F,F)



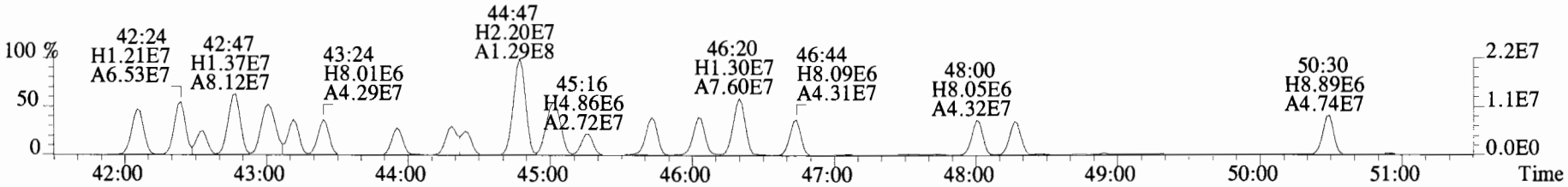
373.8788 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3536.0,0.00%,F,F)



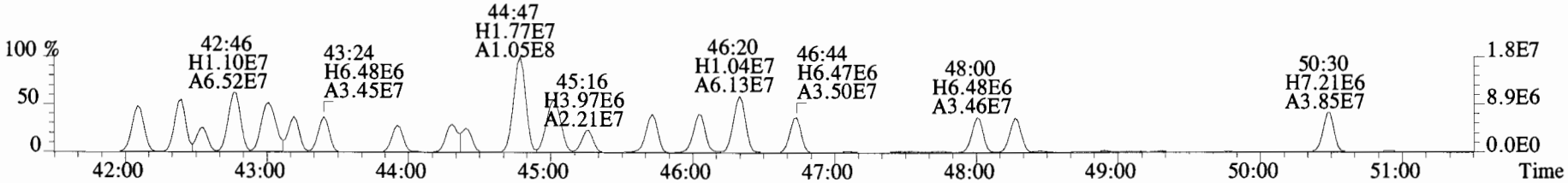
330.9792 S:4 F:3



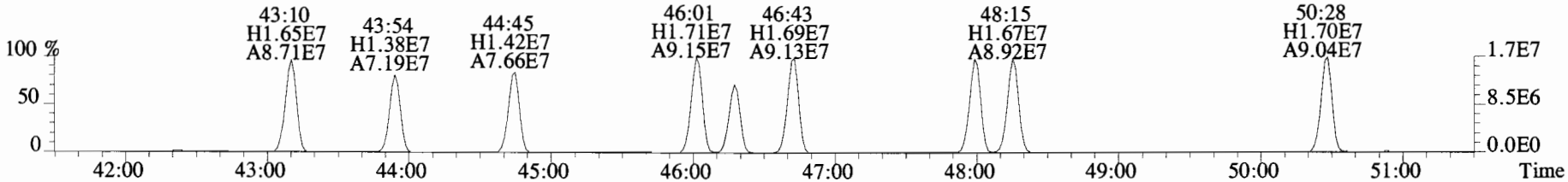
File:180208E1 #1-574 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,60908.0,0.00%,F,F)



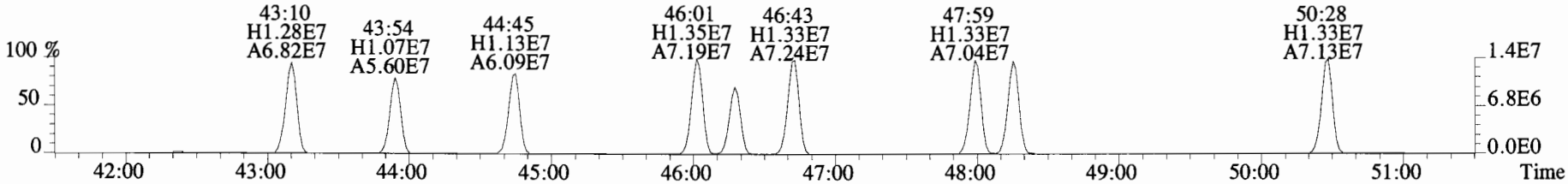
361.8385 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50008.0,0.00%,F,F)



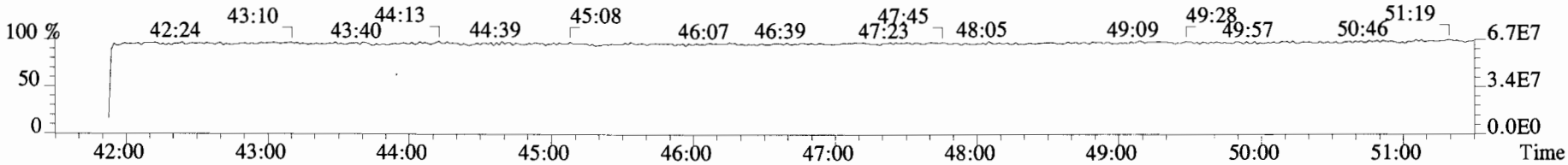
371.8817 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24460.0,0.00%,F,F)



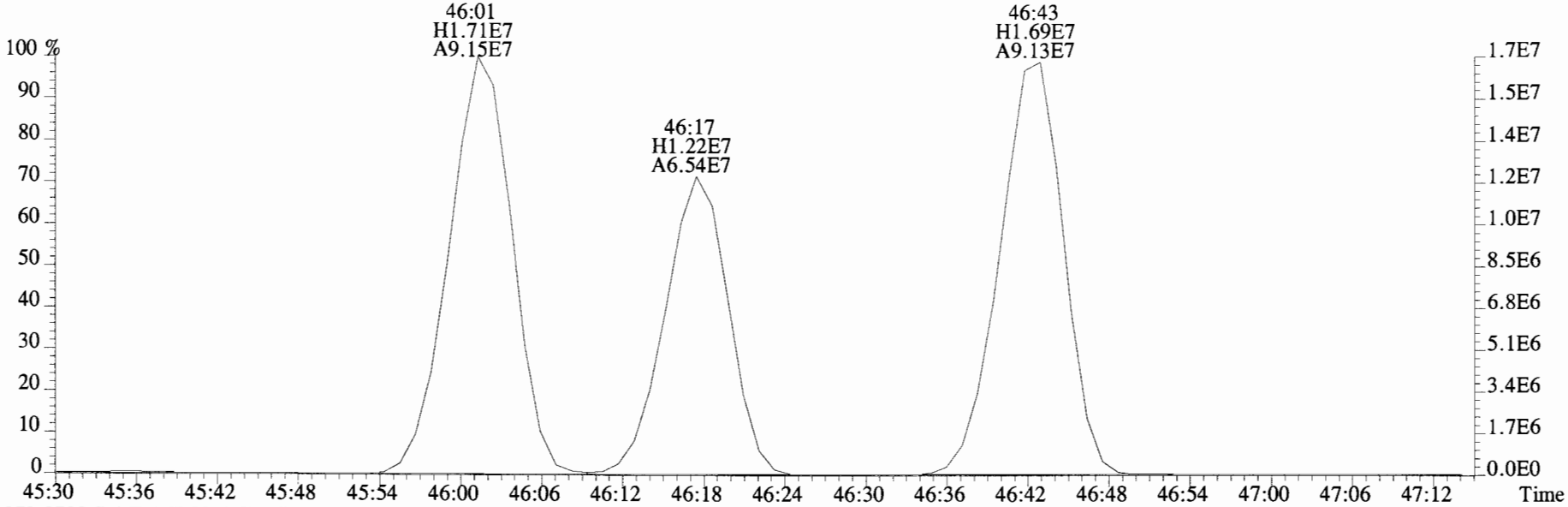
373.8788 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19756.0,0.00%,F,F)



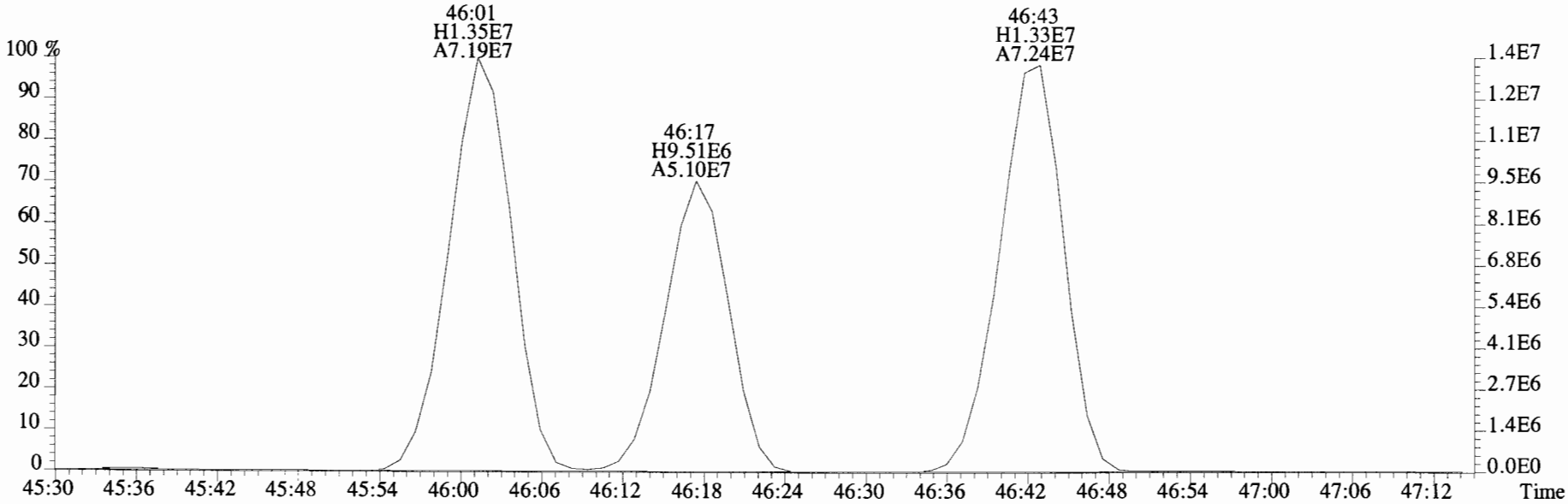
380.9760 S:4 F:4



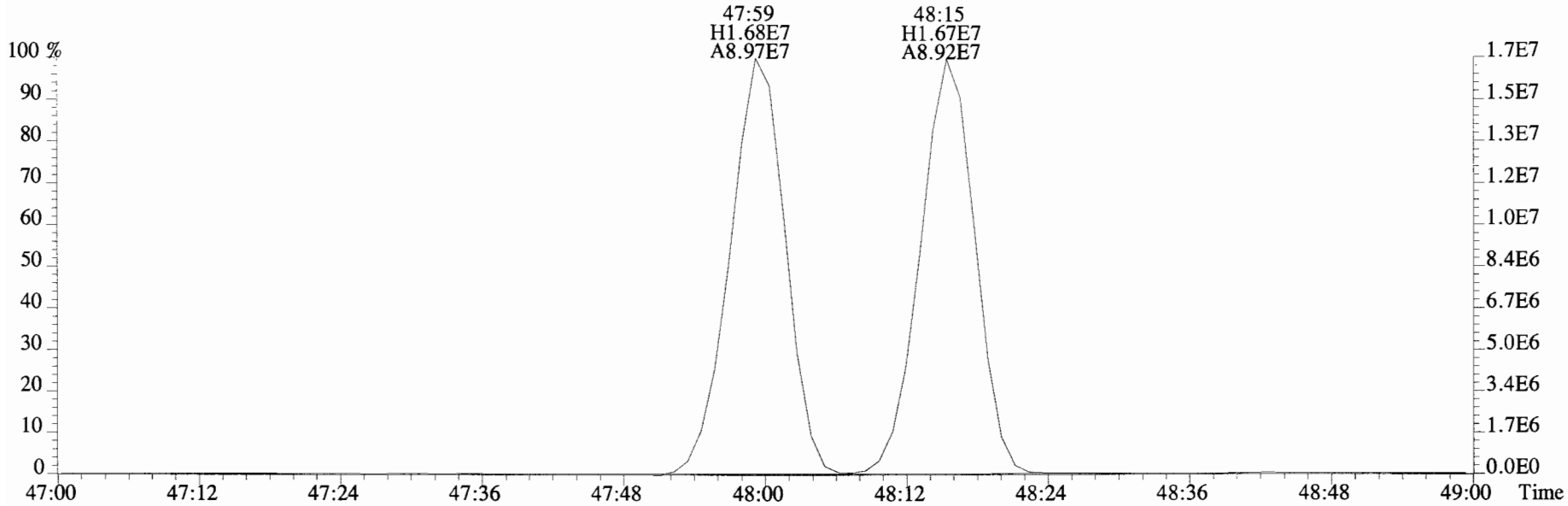
File:180208E1 #1-574 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
371.8817 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24460.0,0.00%,F,F)



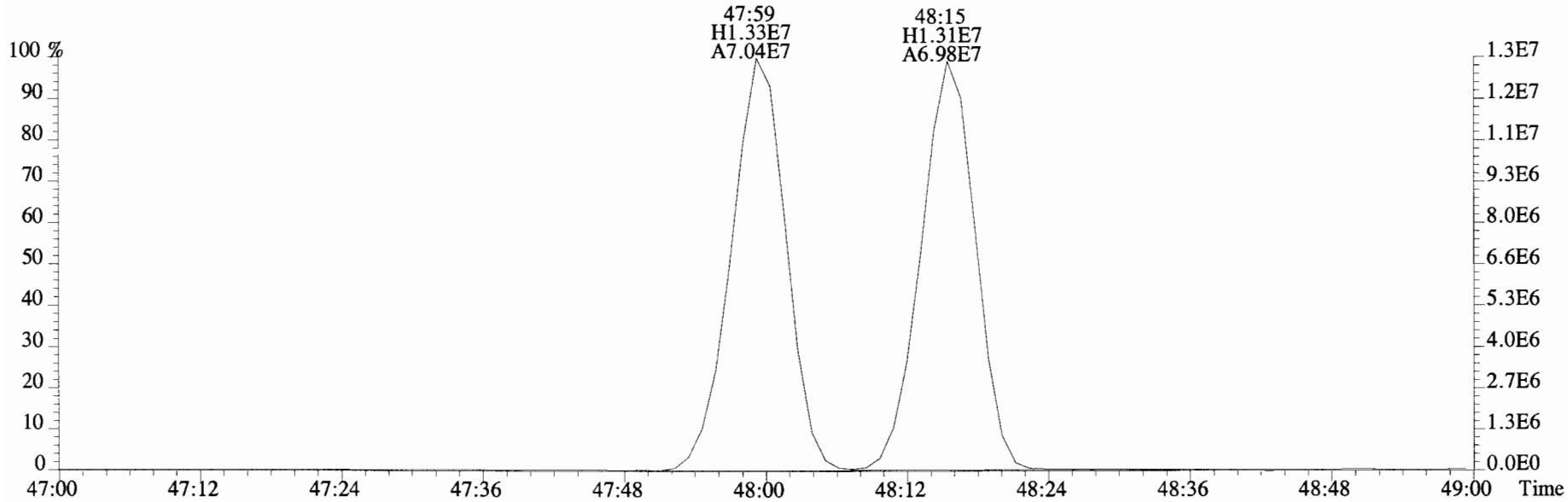
373.8788 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19756.0,0.00%,F,F)



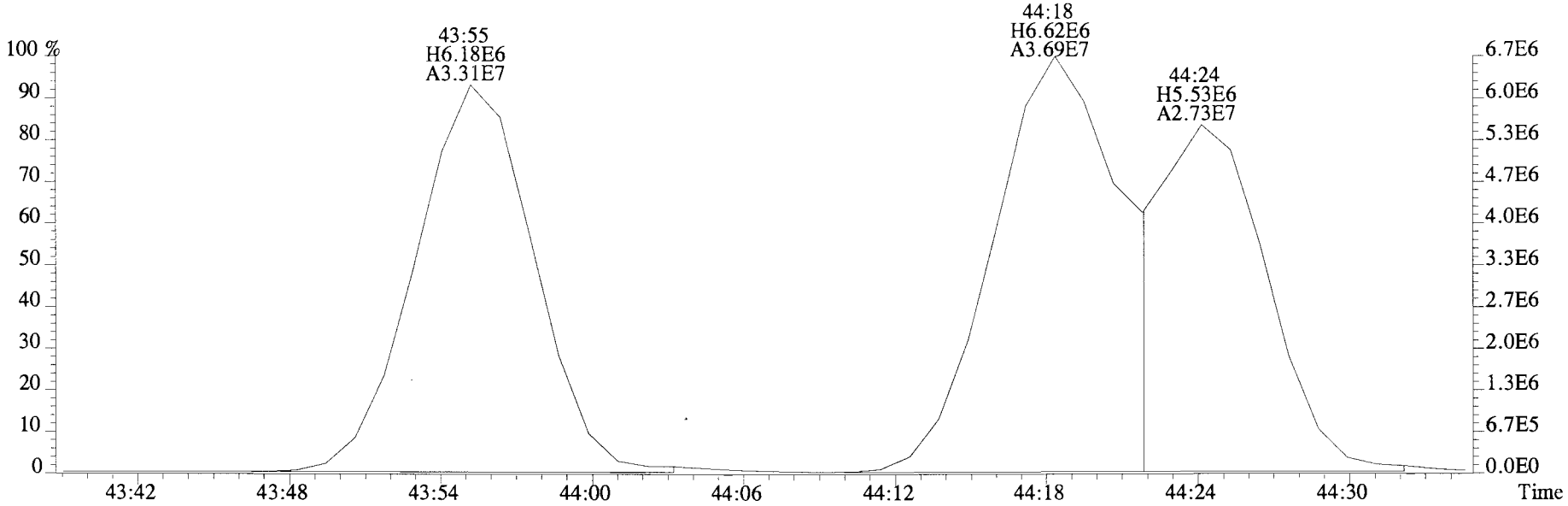
File:180208E1 #1-574 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
371.8817 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24460.0,0.00%,F,F)



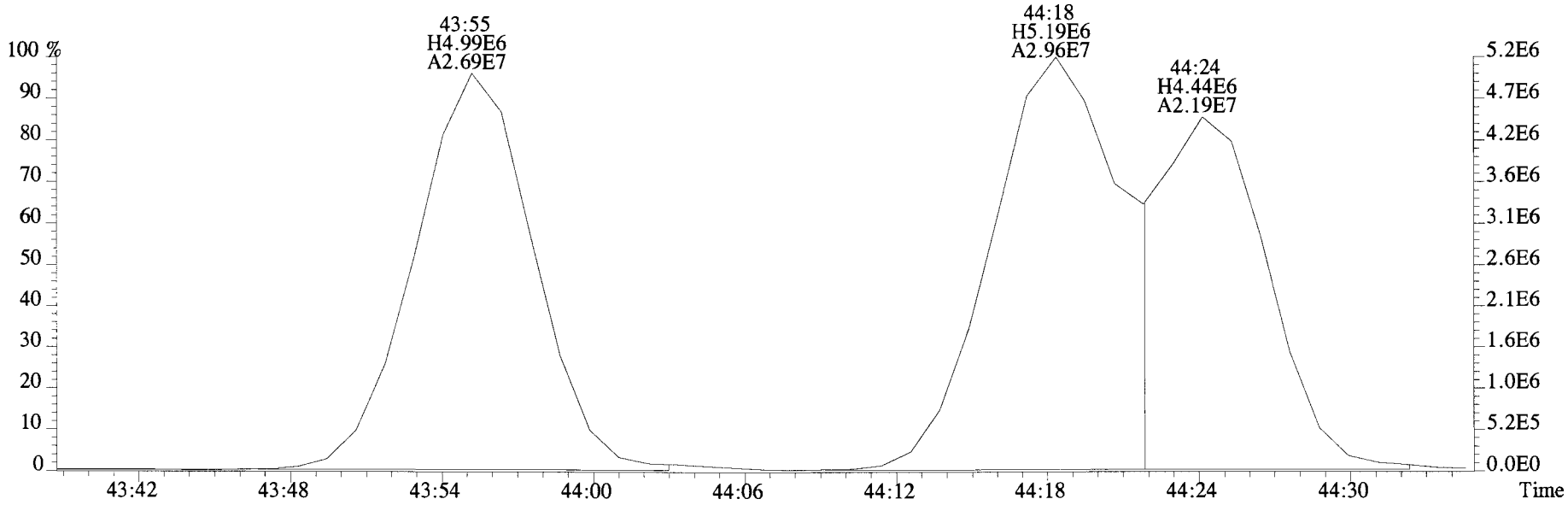
373.8788 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19756.0,0.00%,F,F)



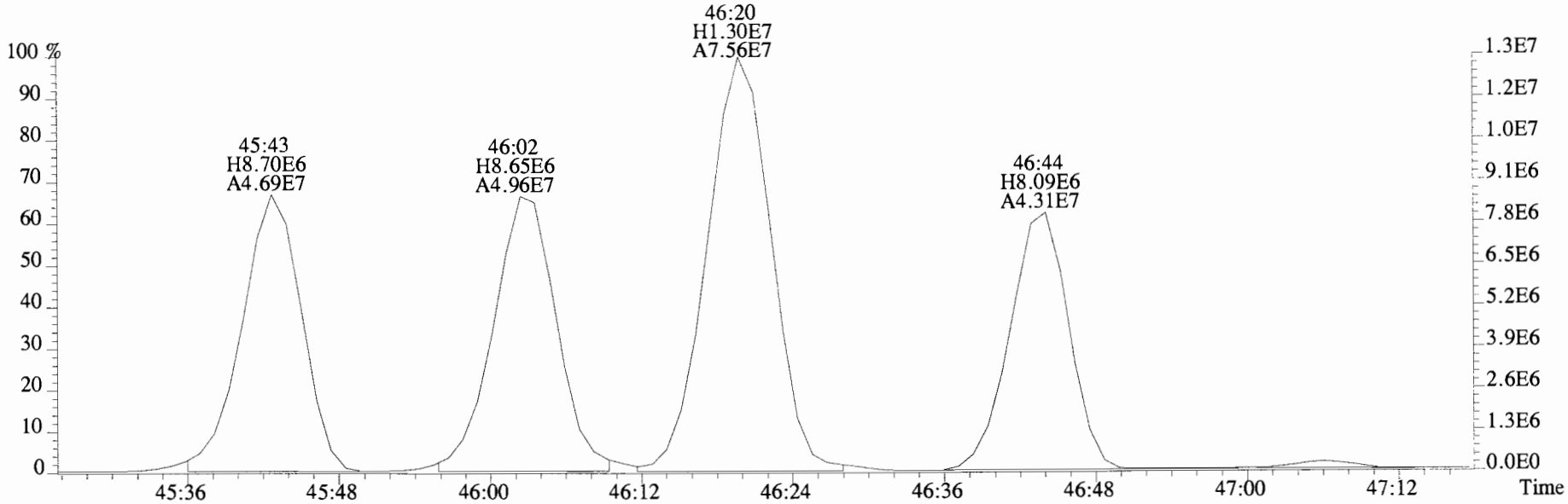
File:180208E1 #1-574 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,60908.0,0.00%,F,F)



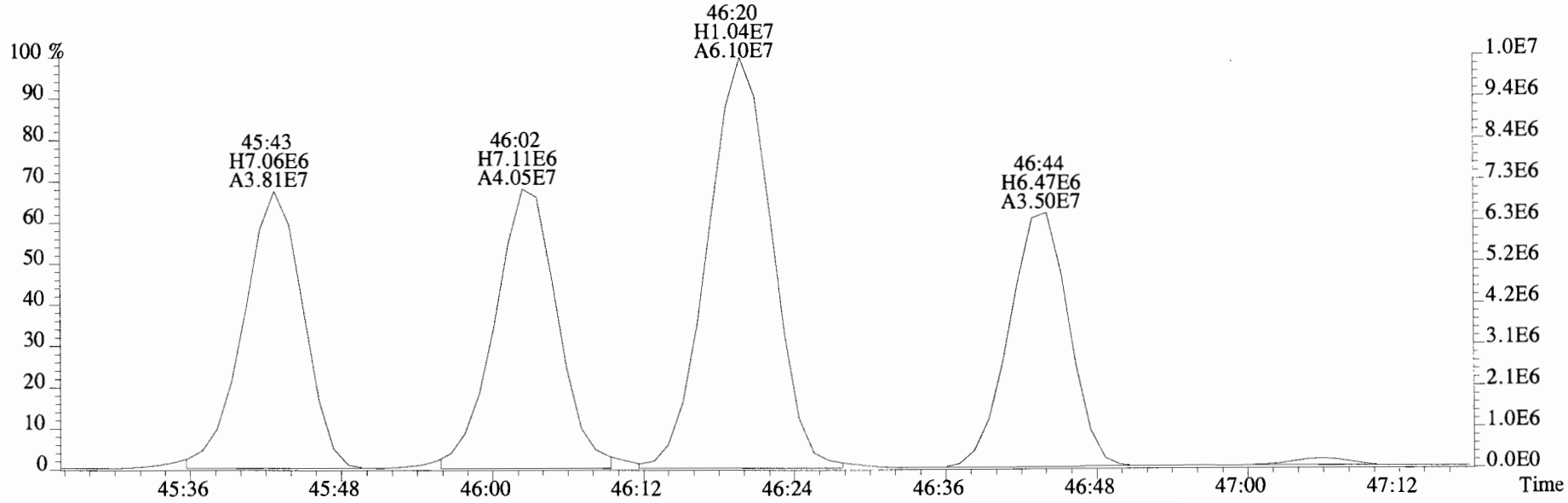
361.8385 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50008.0,0.00%,F,F)



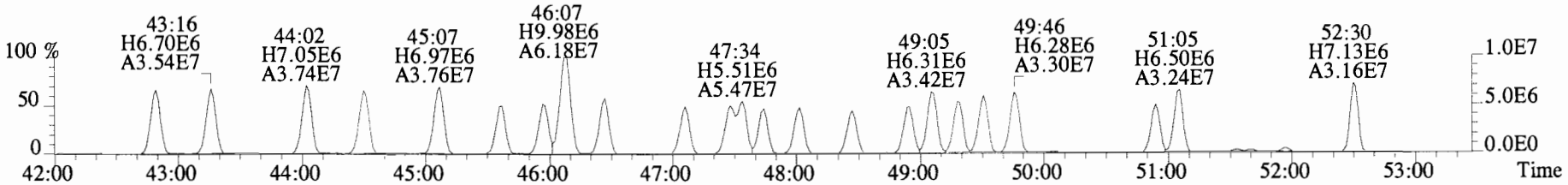
File:180208E1 #1-574 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,60908.0,0.00%,F,F)



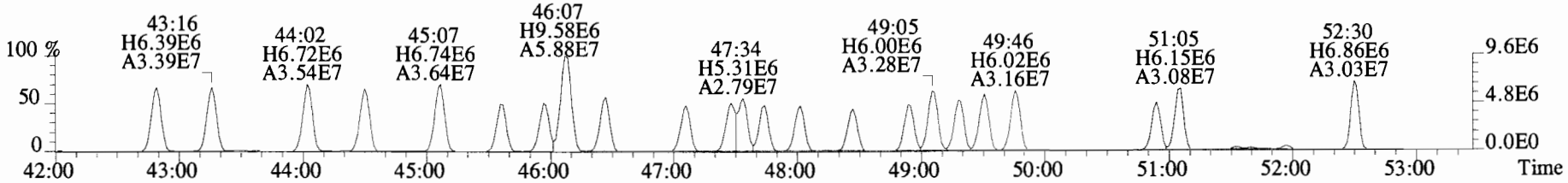
361.8385 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50008.0,0.00%,F,F)



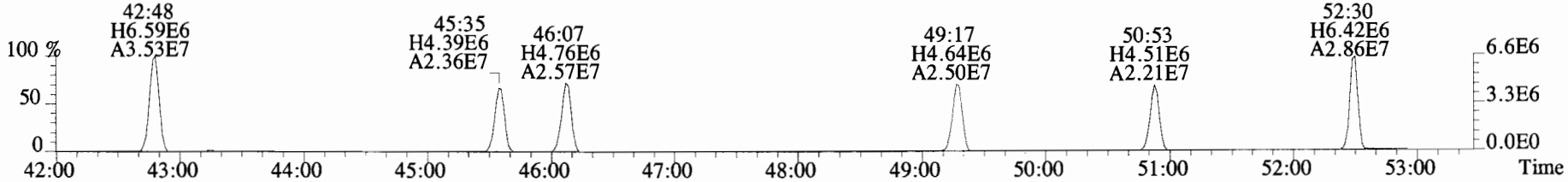
File:180208E1 #1-574 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
393.8025 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43436.0,0.00%,F,F)



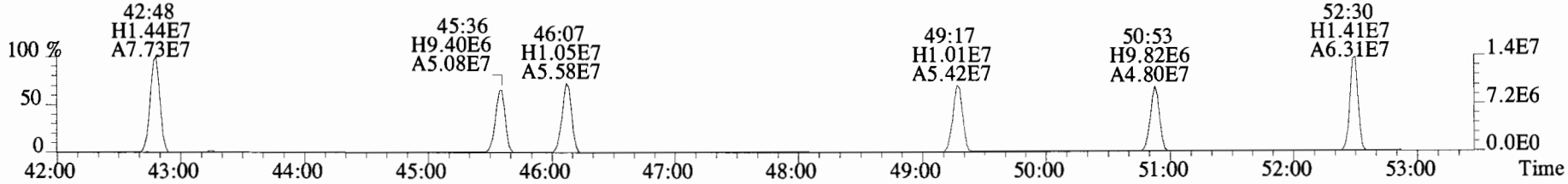
395.7995 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39792.0,0.00%,F,F)



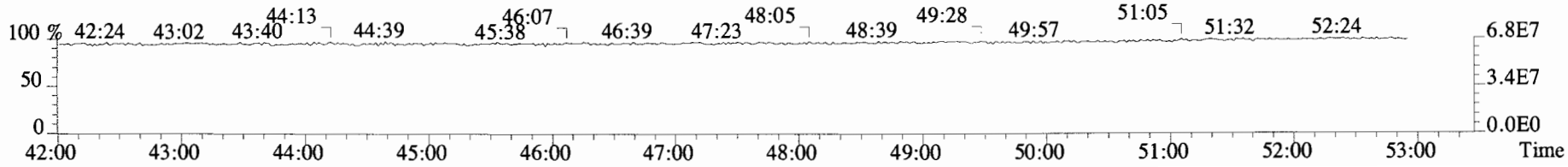
403.8457 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8856.0,0.00%,F,F)



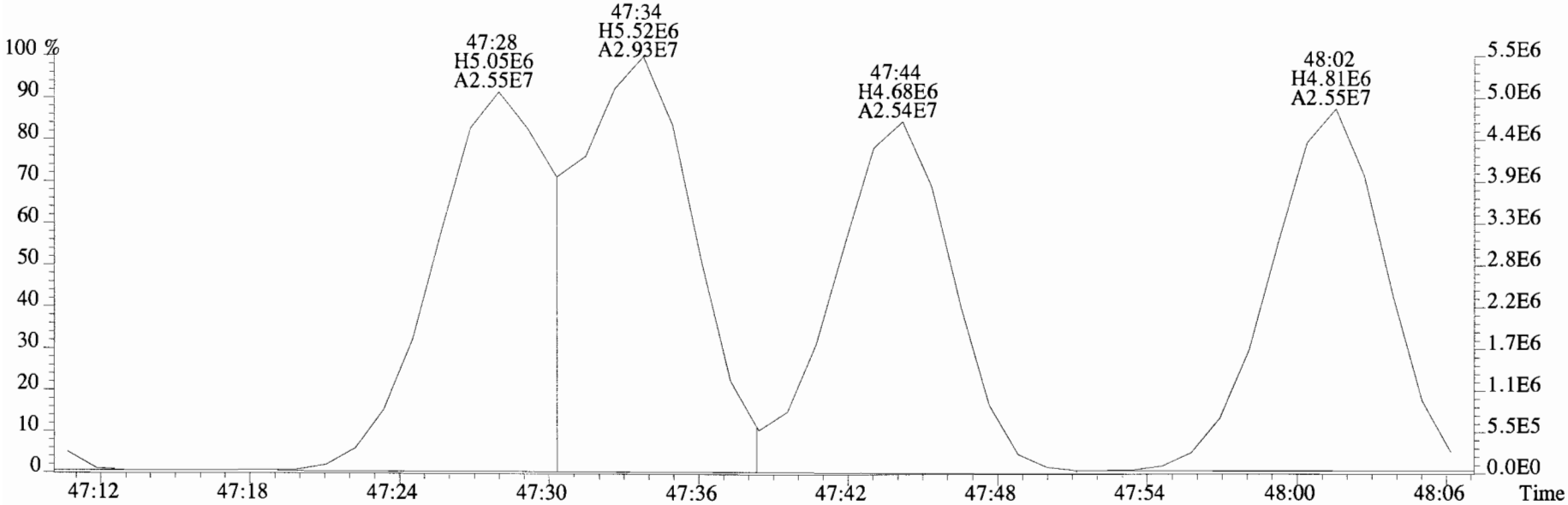
405.8428 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16584.0,0.00%,F,F)



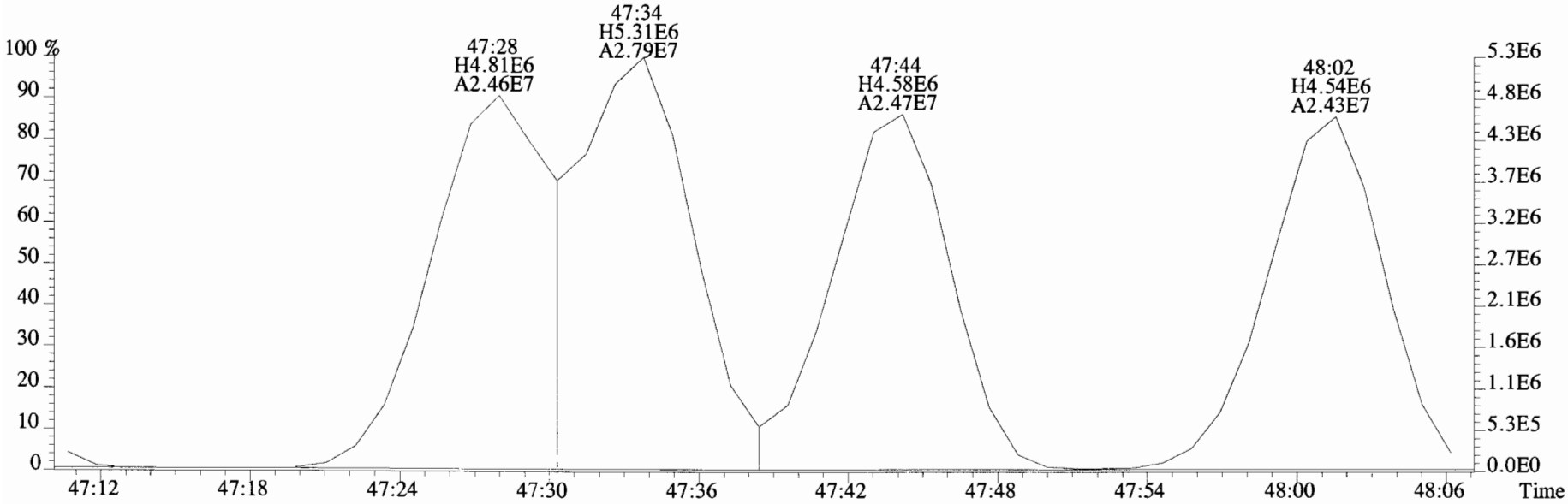
380.9760 S:4 F:4



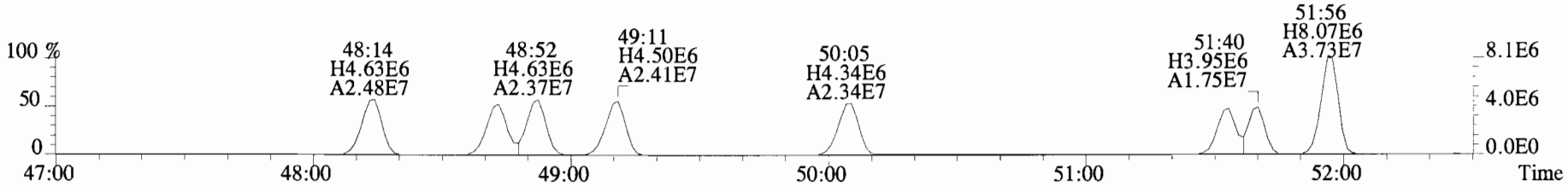
File:180208E1 #1-574 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
393.8025 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43436.0,0.00%,F,F)



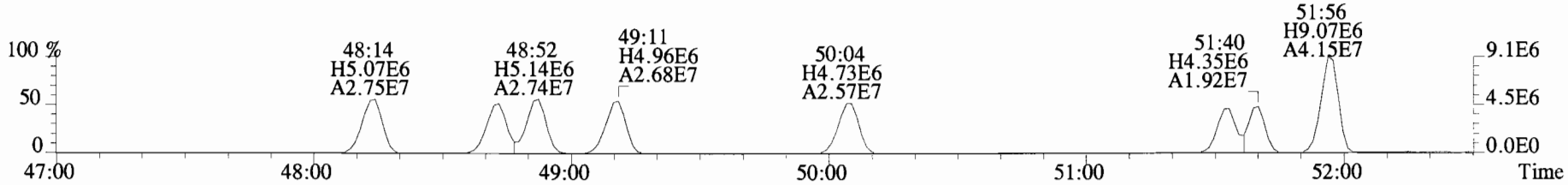
395.7995 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39792.0,0.00%,F,F)



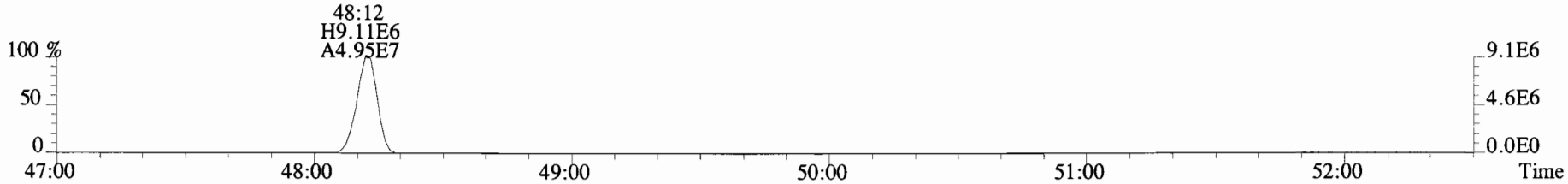
File:180208E1 #1-574 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
427.7635 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1764.0,0.00%,F,F)



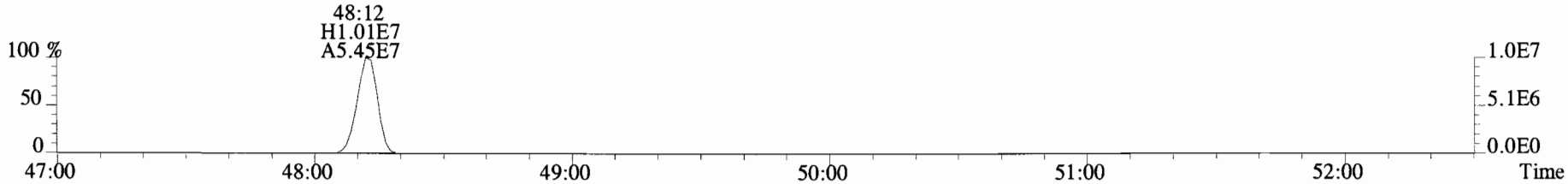
429.7606 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1516.0,0.00%,F,F)



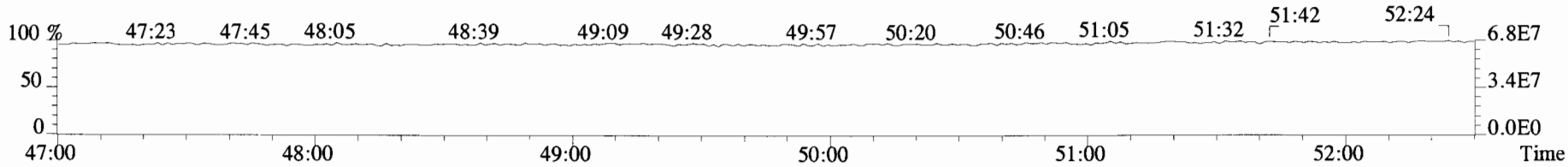
439.8038 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1792.0,0.00%,F,F)



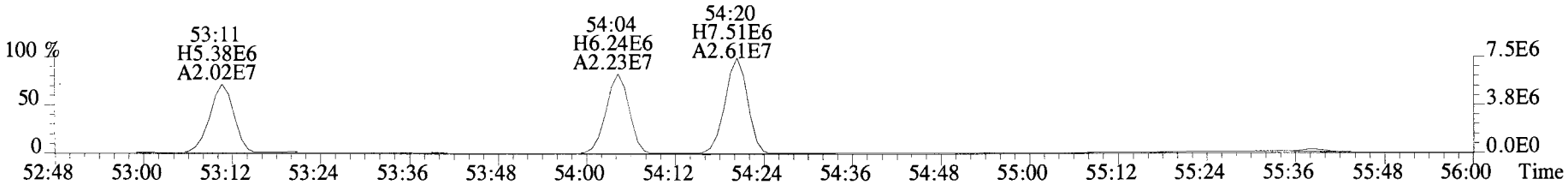
441.8008 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2288.0,0.00%,F,F)



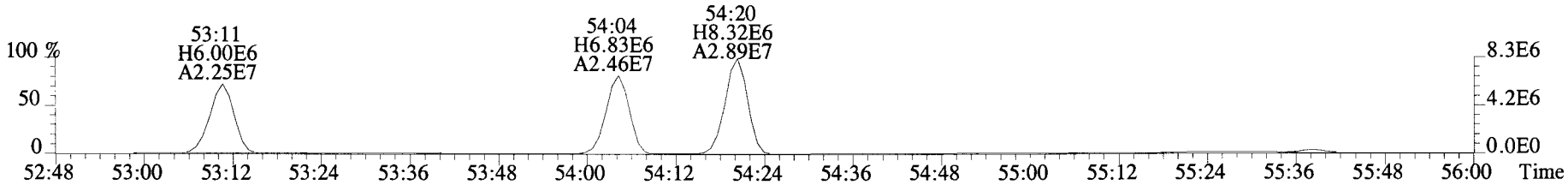
380.9760 S:4 F:4



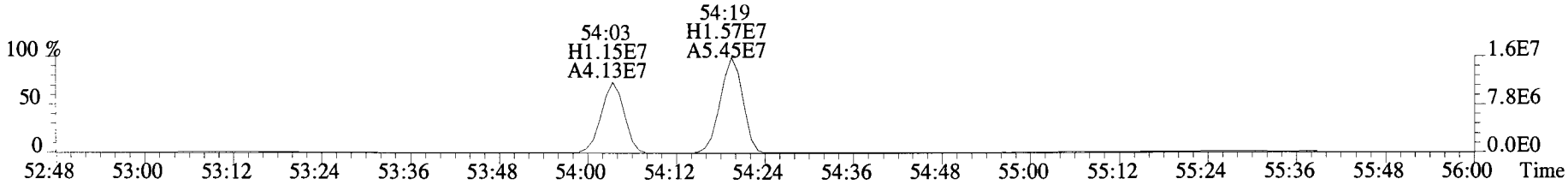
File:180208E1 #1-407 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SiR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
427.7635 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39764.0,0.00%,F,F)



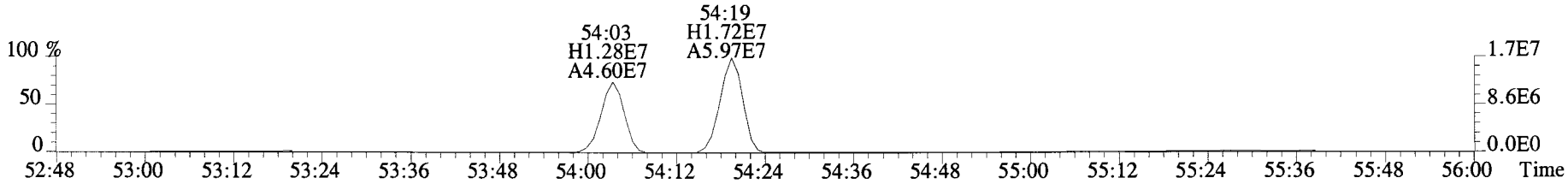
429.7606 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33268.0,0.00%,F,F)



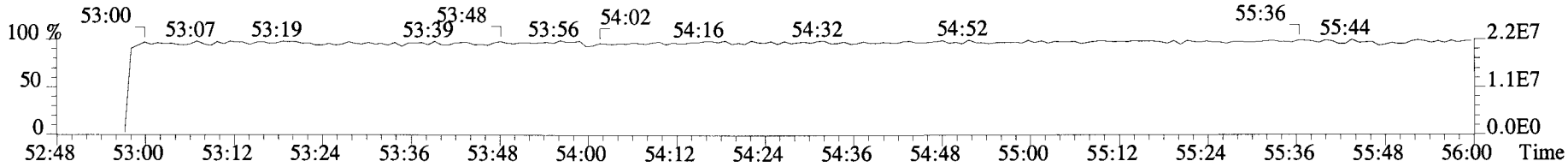
439.8038 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8472.0,0.00%,F,F)



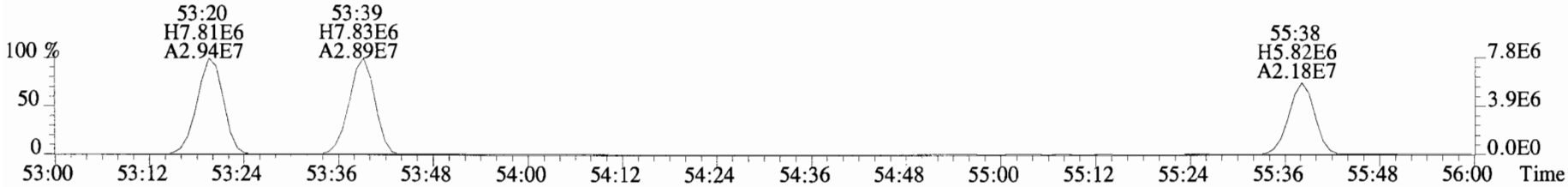
441.8008 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9876.0,0.00%,F,F)



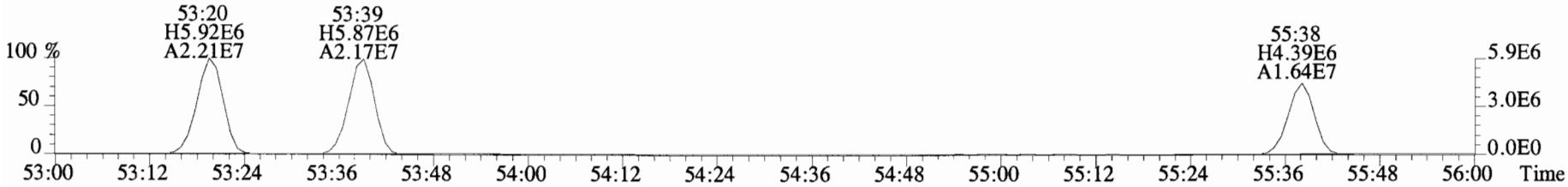
492.9697 S:4 F:5



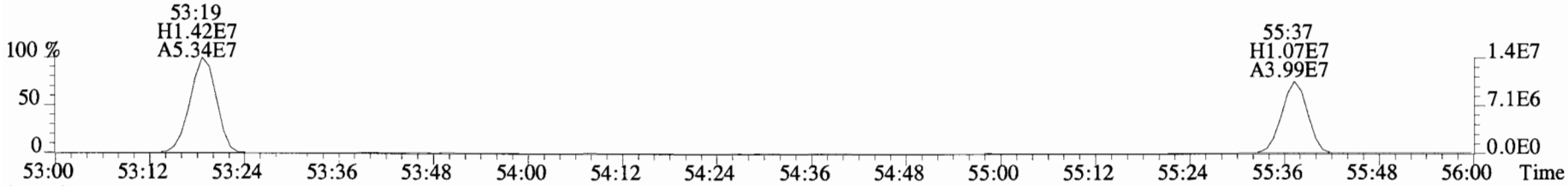
File:180208E1 #1-407 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
463.7216 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28604.0,0.00%,F,F)



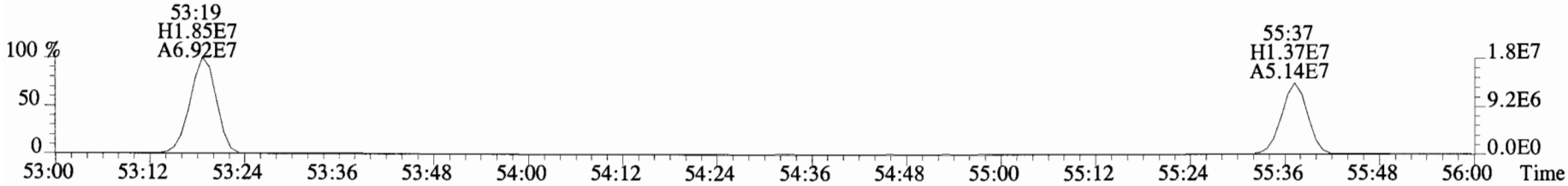
465.7186 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21100.0,0.00%,F,F)



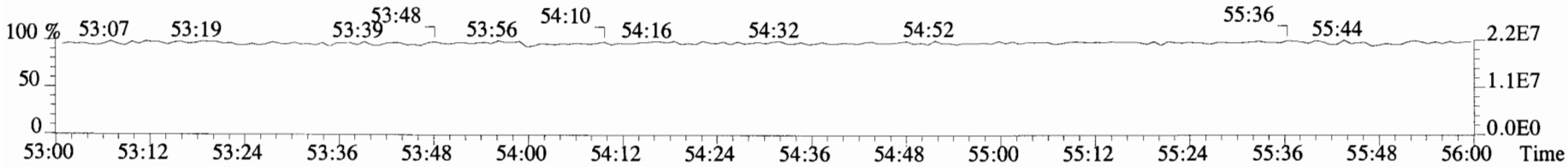
473.7648 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,41640.0,0.00%,F,F)



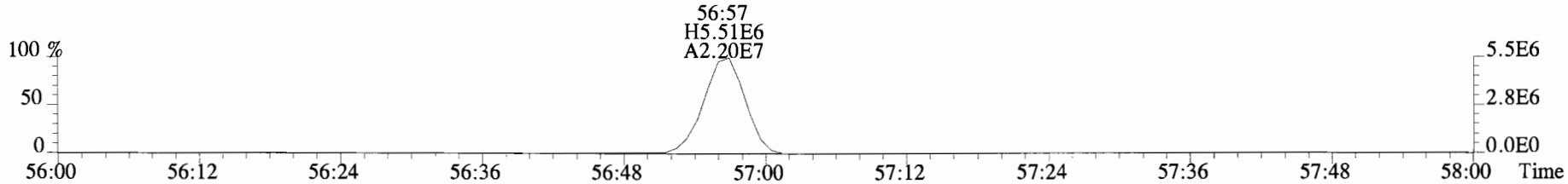
475.7619 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50524.0,0.00%,F,F)



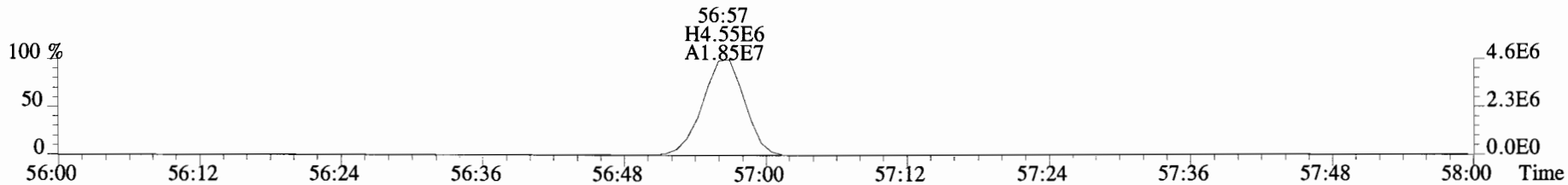
492.9697 S:4 F:5



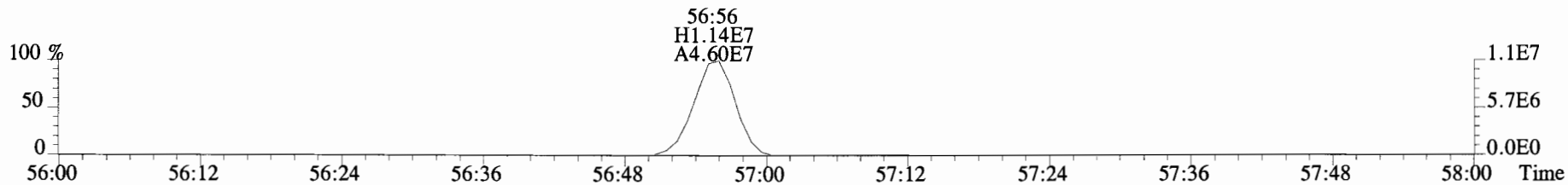
File:180208E1 #1-407 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
497.6826 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1492.0,0.00%,F,F)



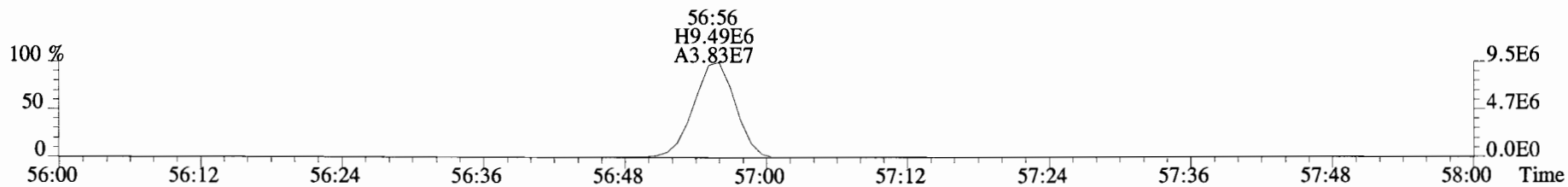
499.6797 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1396.0,0.00%,F,F)



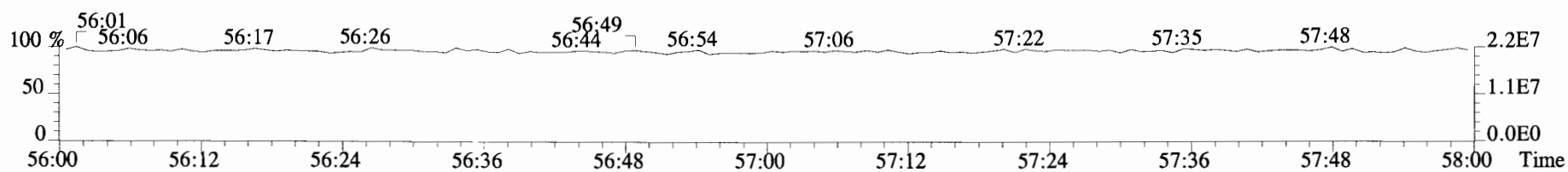
509.7229 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1512.0,0.00%,F,F)



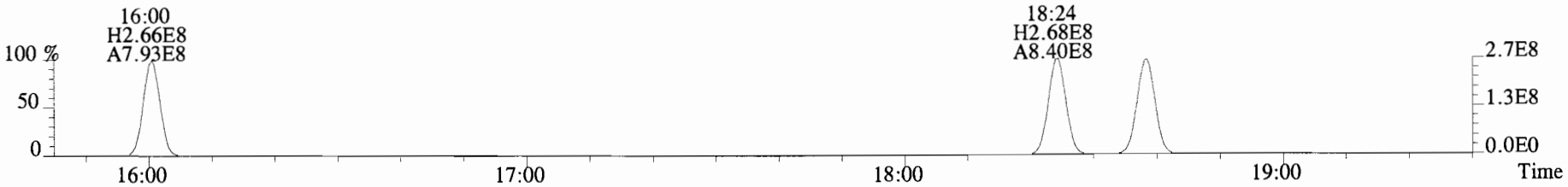
511.7199 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1476.0,0.00%,F,F)



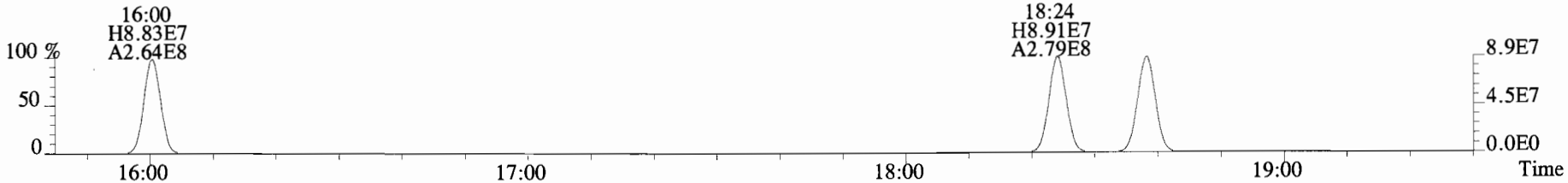
492.9697 S:4 F:5



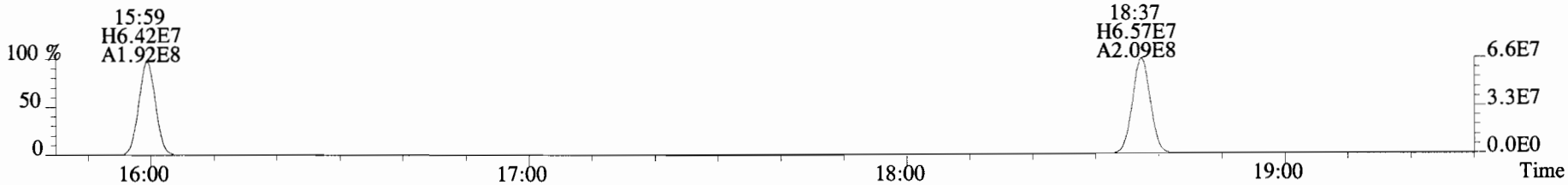
File:180208E1 #1-867 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
188.0393 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11396.0,0.00%,F,F)



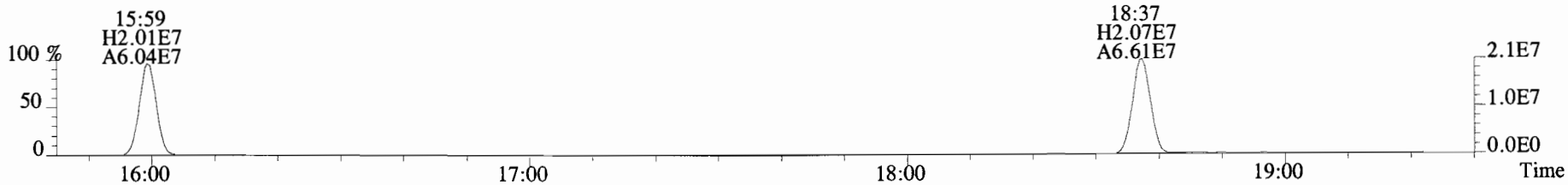
190.0363 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7896.0,0.00%,F,F)



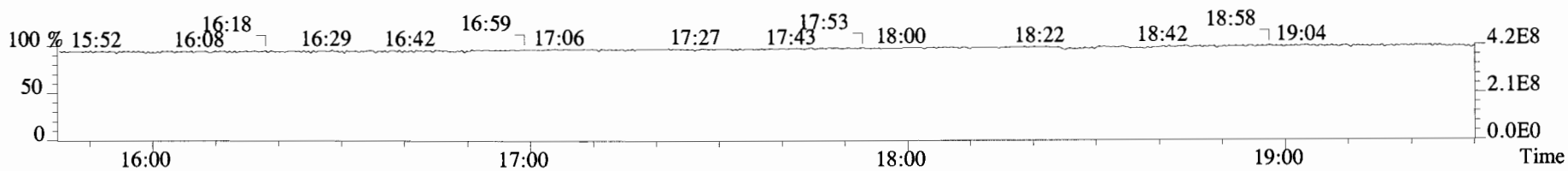
200.0795 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7952.0,0.00%,F,F)



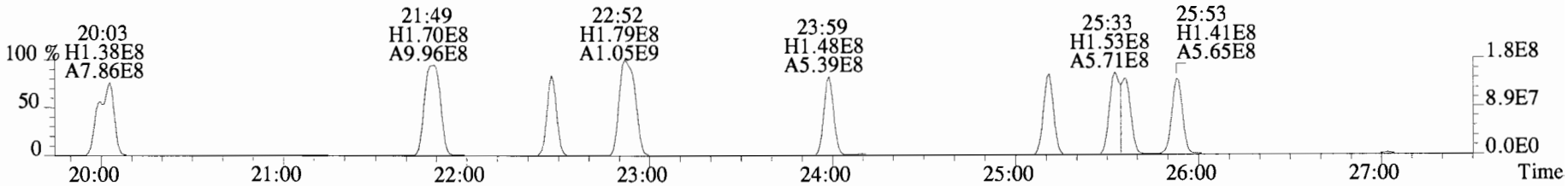
202.0766 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,42388.0,0.00%,F,F)



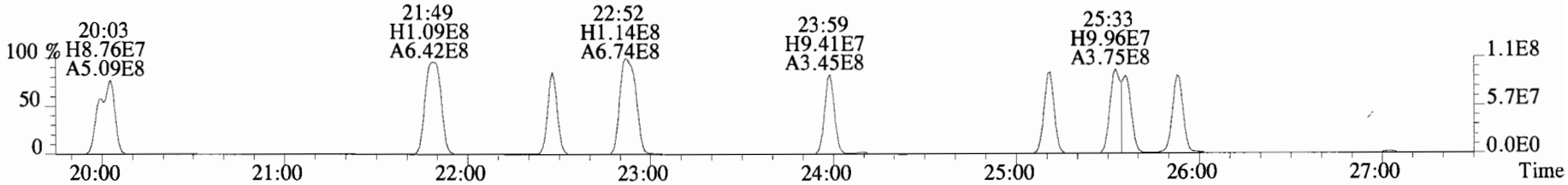
180.9880 S:5



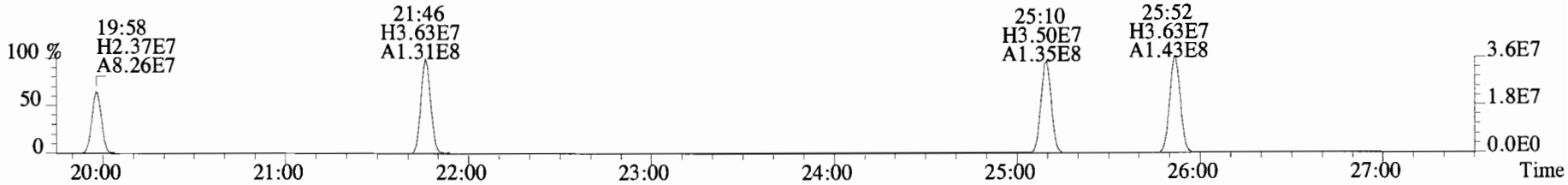
File:180208E1 #1-757 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
222.0003 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,45612.0,0.00%,F,F)



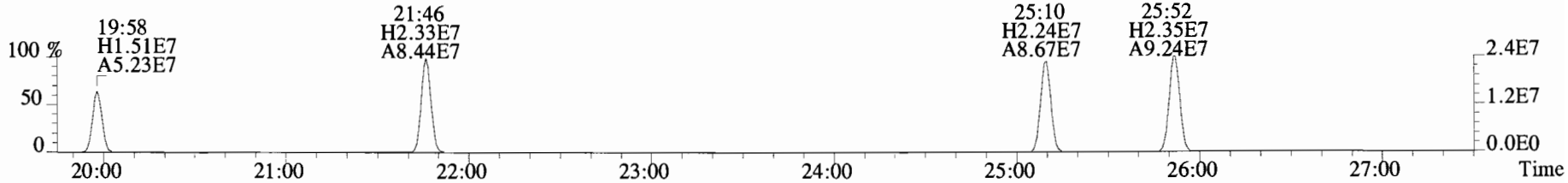
223.9974 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27936.0,0.00%,F,F)



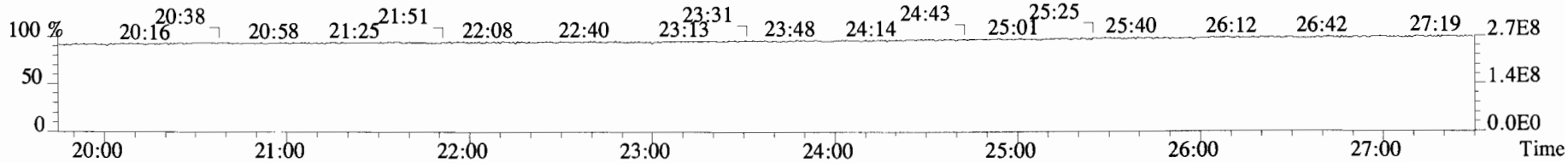
234.0406 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6268.0,0.00%,F,F)



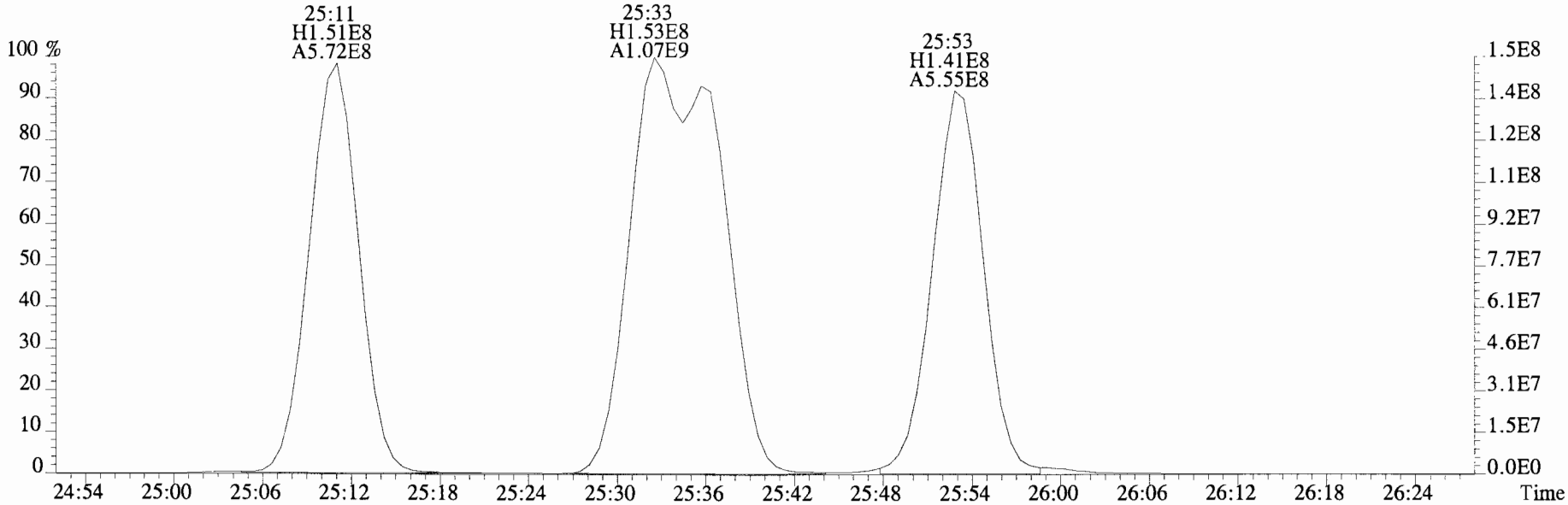
236.0376 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4688.0,0.00%,F,F)



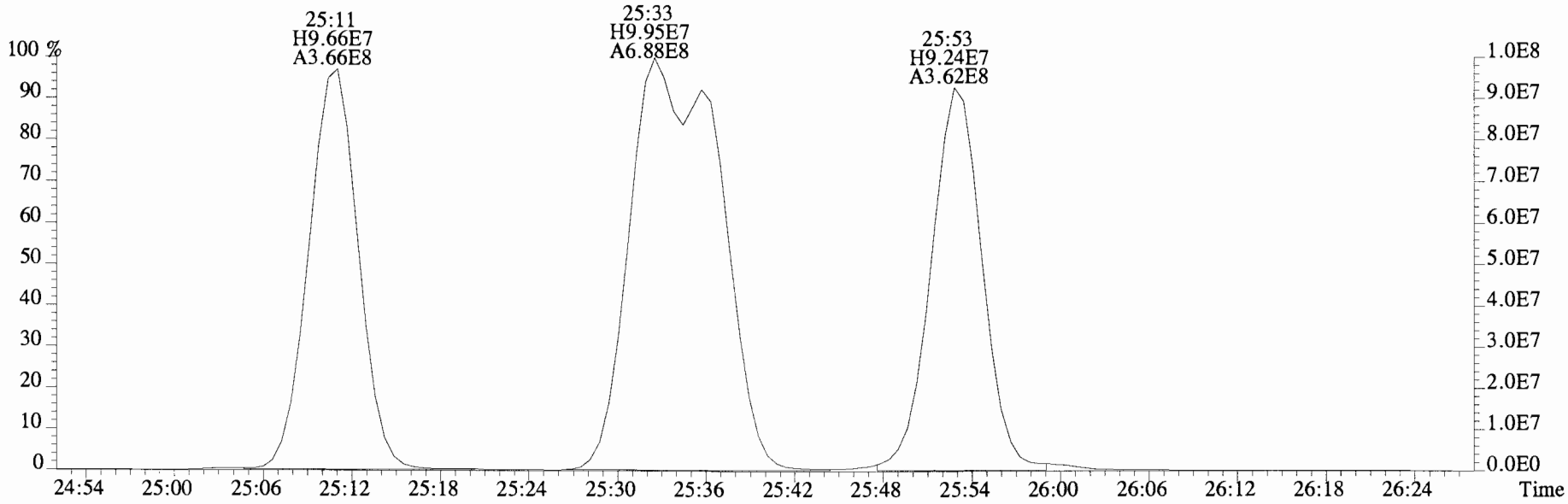
230.9856 S:5 F:2



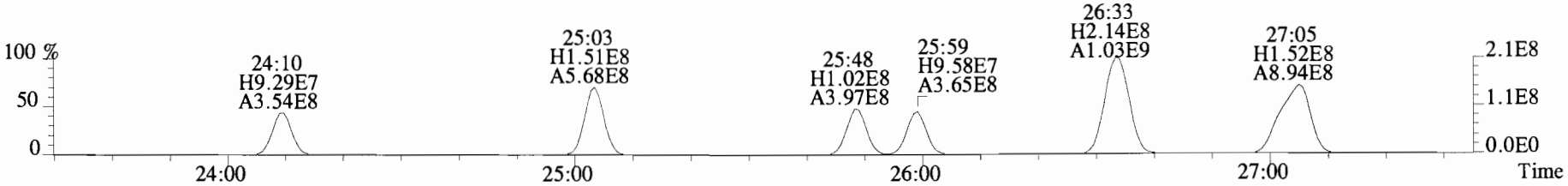
File:180208E1 #1-757 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
222.0003 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,45612.0,0.00%,F,F)



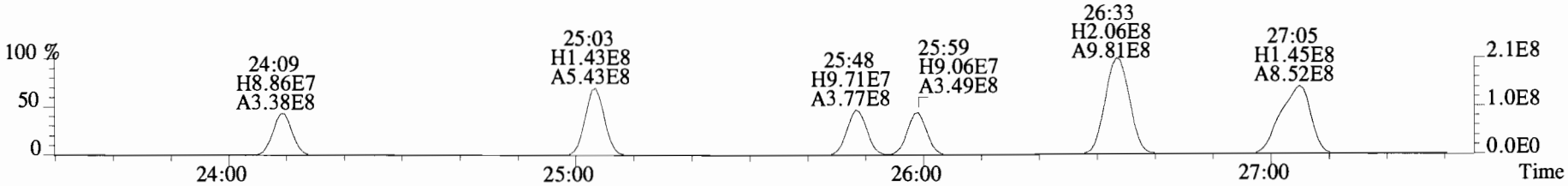
223.9974 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27936.0,0.00%,F,F)



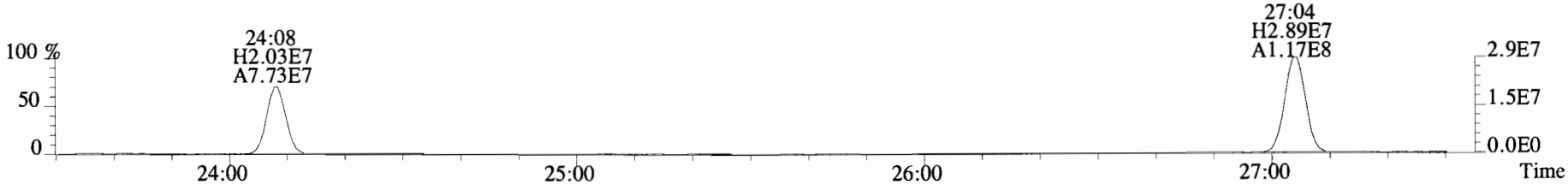
File:180208E1 #1-757 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
255.9613 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4388.0,0.00%,F,F)



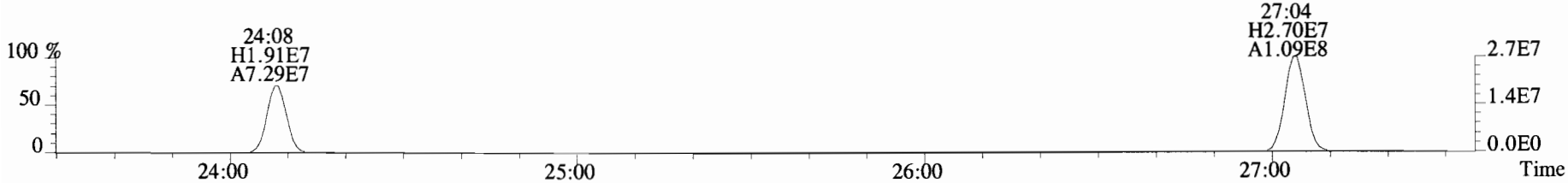
257.9584 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3040.0,0.00%,F,F)



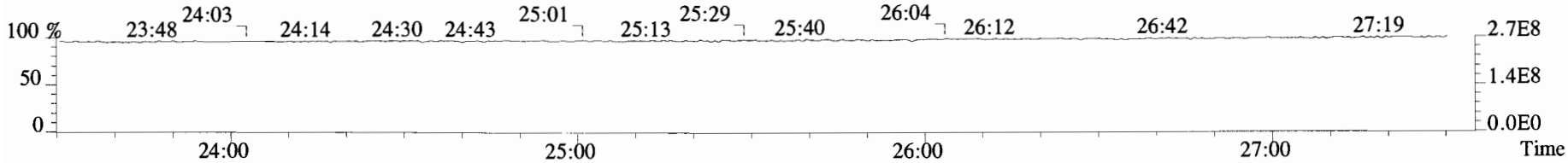
268.0016 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,113860.0,0.00%,F,F)



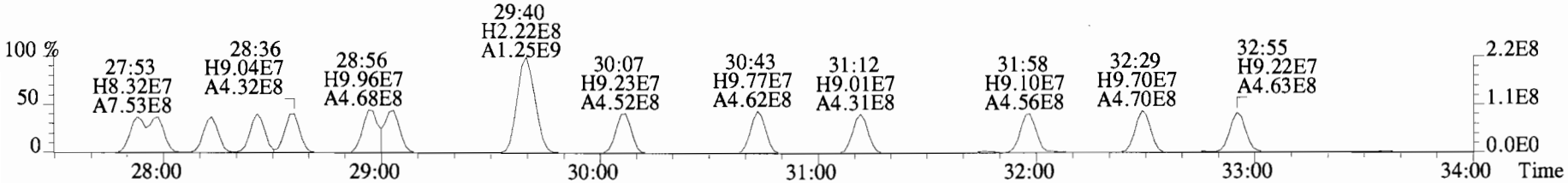
269.9986 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43432.0,0.00%,F,F)



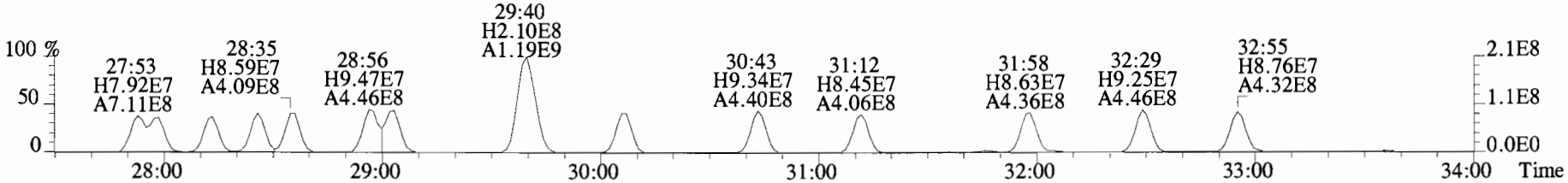
230.9856 S:5 F:2



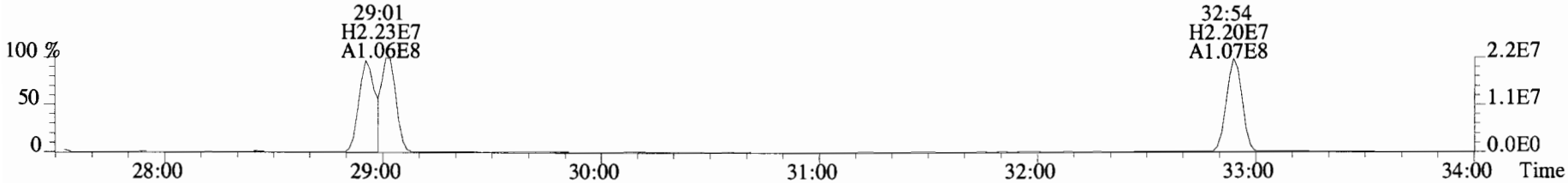
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
255.9613 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,133028.0,0.00%,F,F)



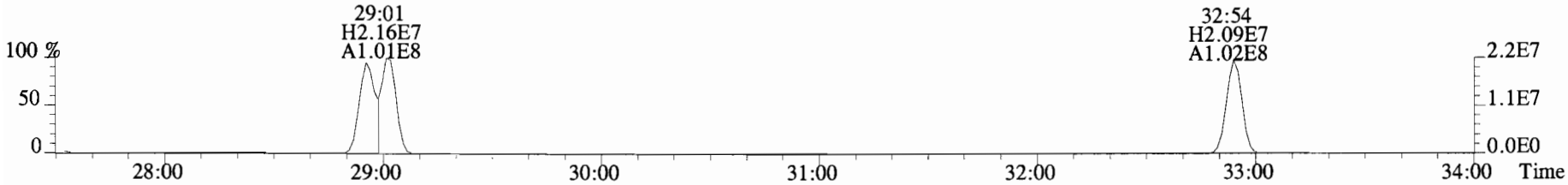
257.9584 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,103180.0,0.00%,F,F)



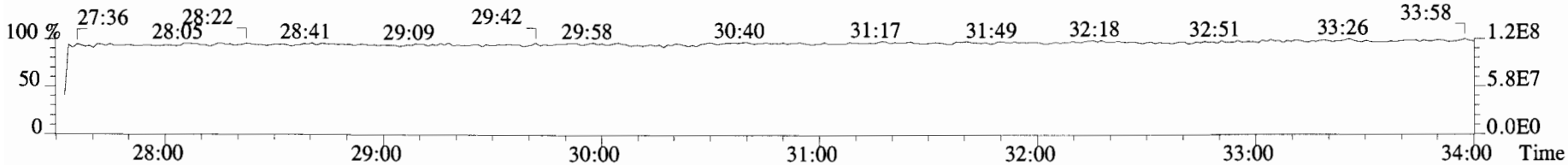
268.0016 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74576.0,0.00%,F,F)



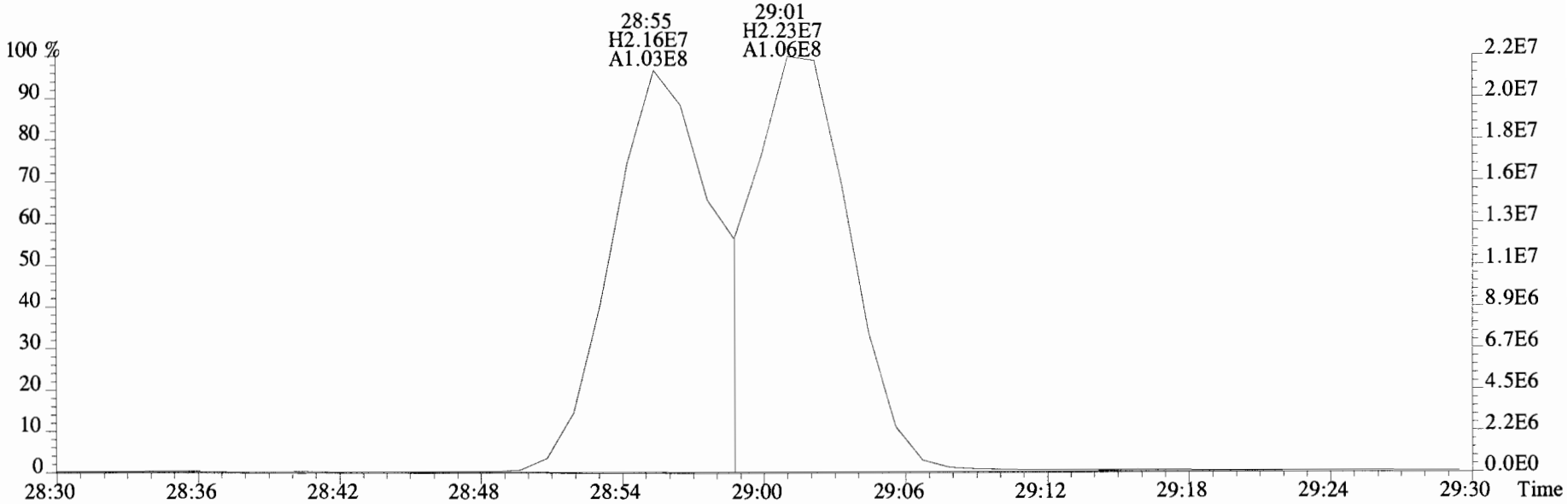
269.9986 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28852.0,0.00%,F,F)



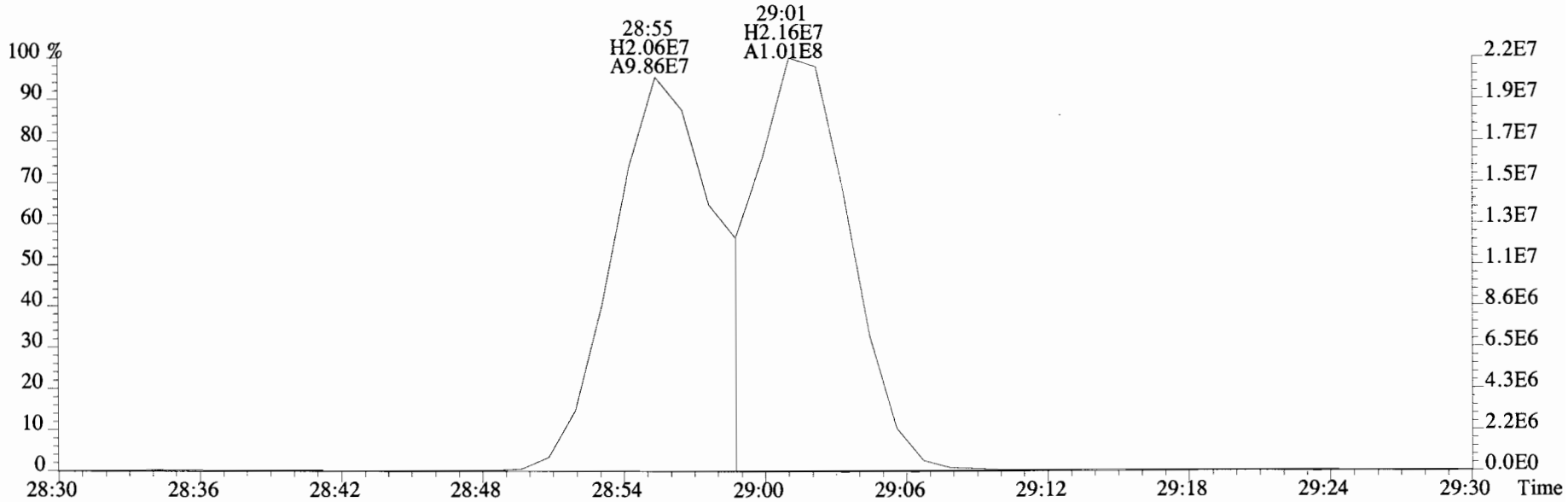
330.9792 S:5 F:3



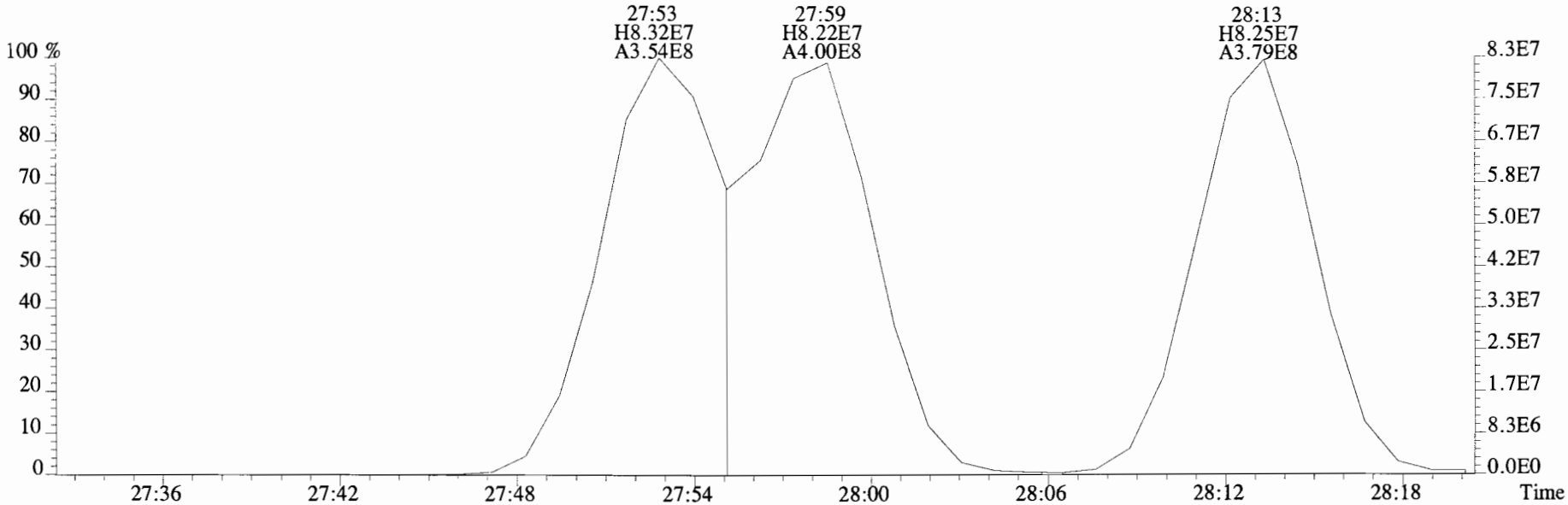
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
268.0016 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74576.0,0.00%,F,F)



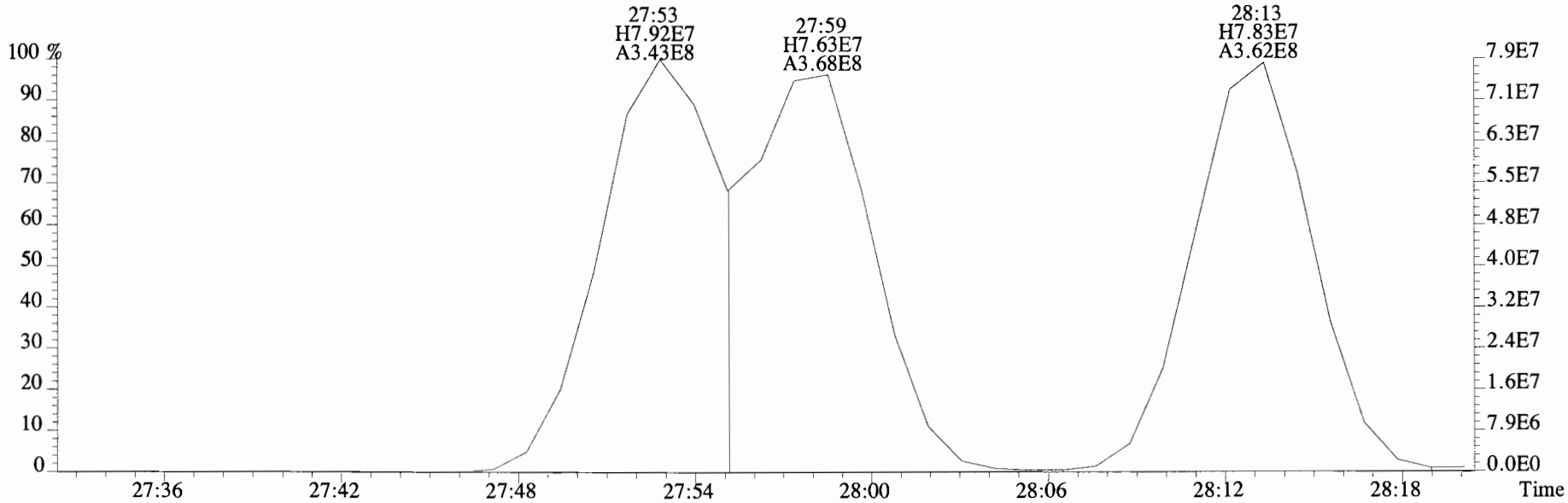
269.9986 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28852.0,0.00%,F,F)



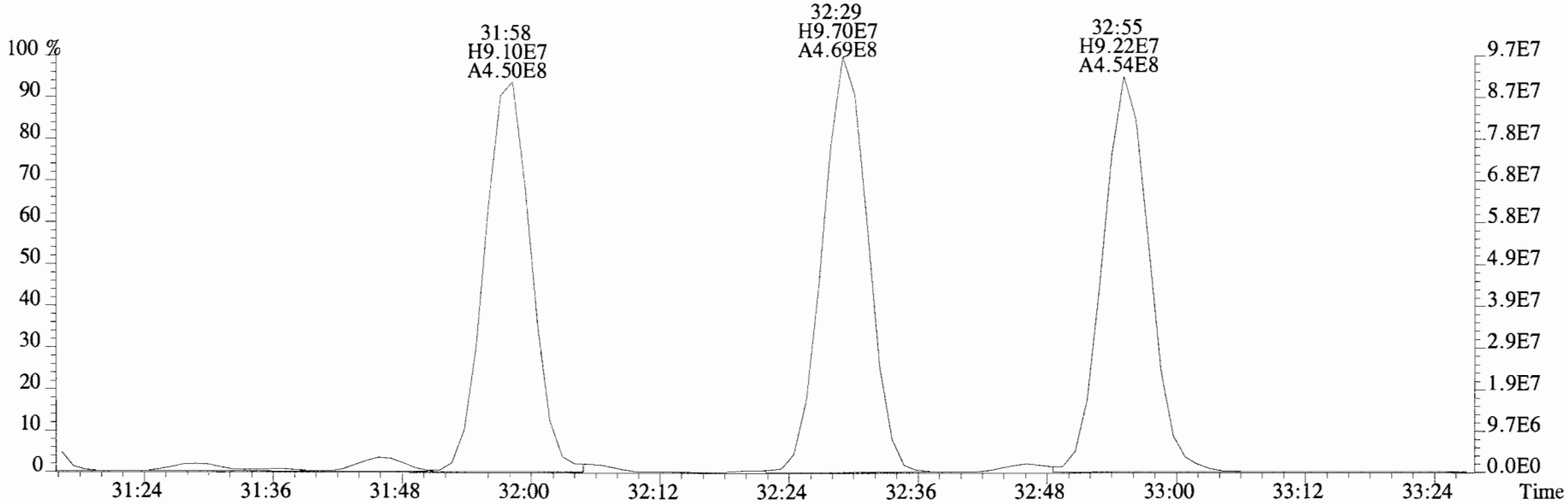
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
255.9613 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,133028.0,0.00%,F,F)



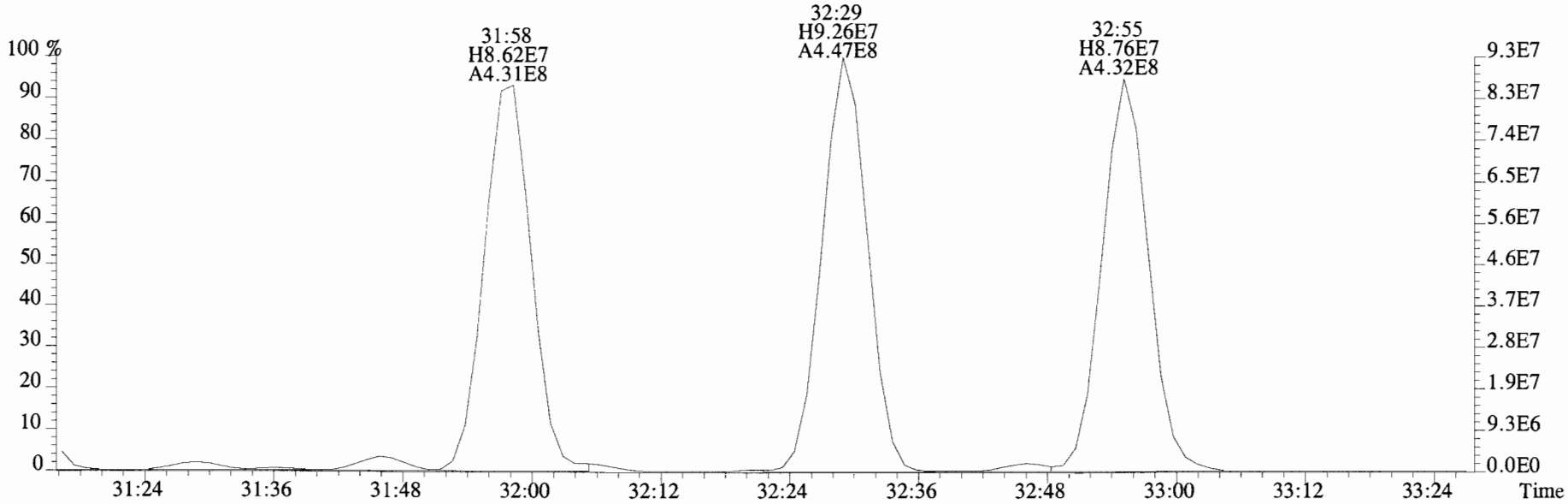
257.9584 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,103180.0,0.00%,F,F)



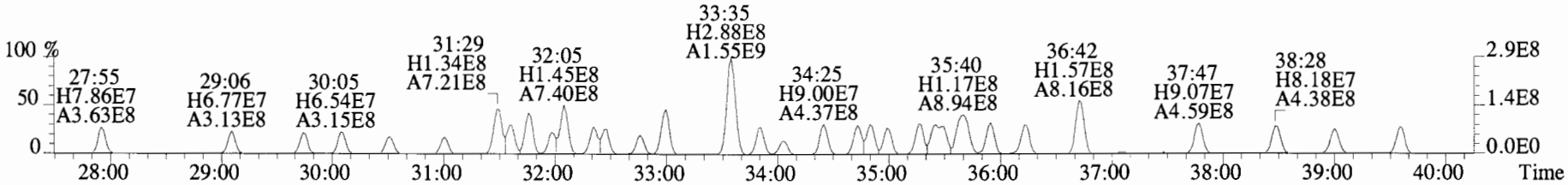
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
255.9613 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,133028.0,0.00%,F,F)



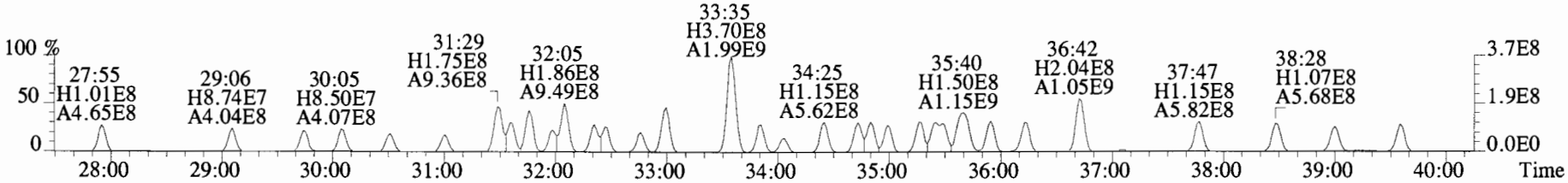
257.9584 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,103180.0,0.00%,F,F)



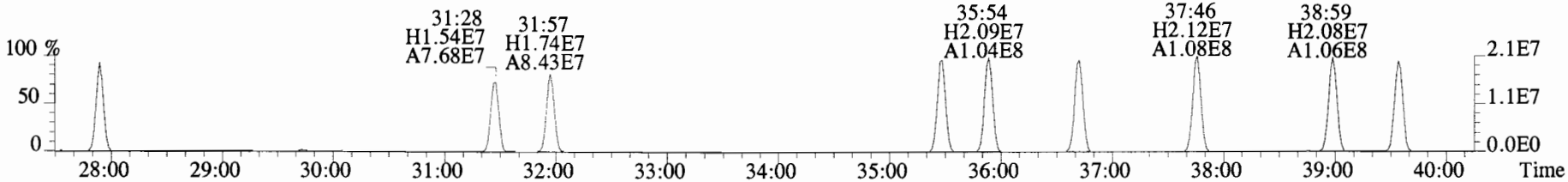
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,195004.0,0.00%,F,F)



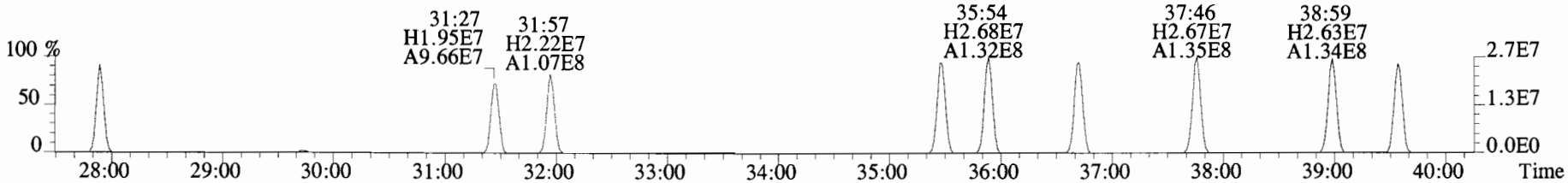
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,242576.0,0.00%,F,F)



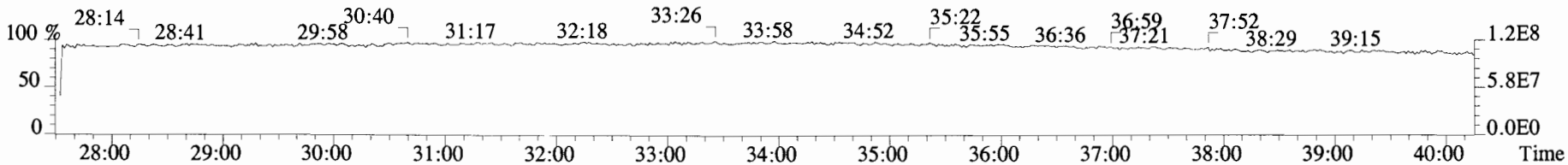
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,41456.0,0.00%,F,F)



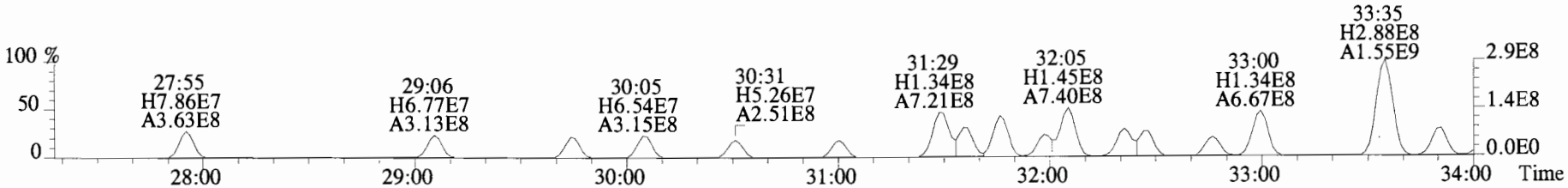
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19976.0,0.00%,F,F)



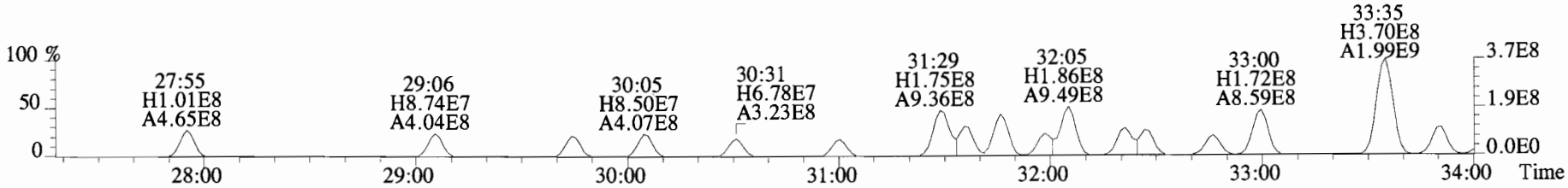
330.9792 S:5 F:3



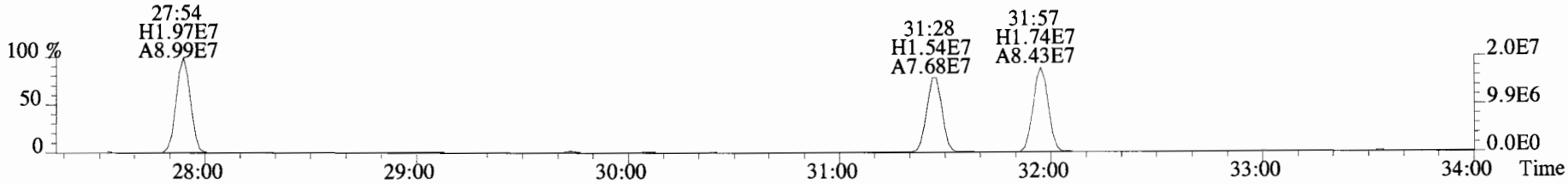
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,195004.0,0.00%,F,F)



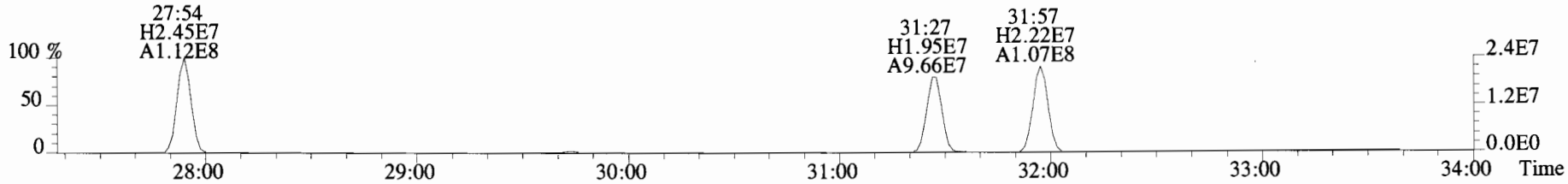
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,242576.0,0.00%,F,F)



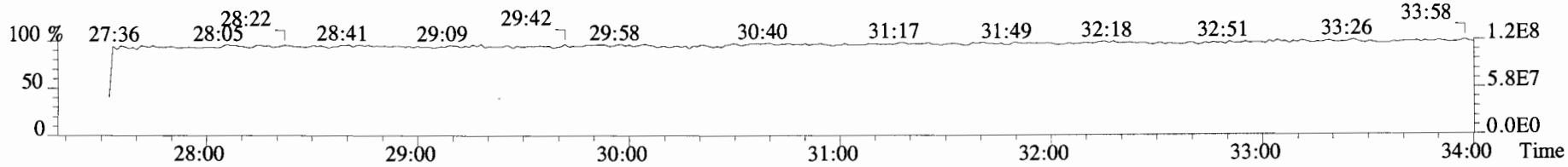
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,41456.0,0.00%,F,F)



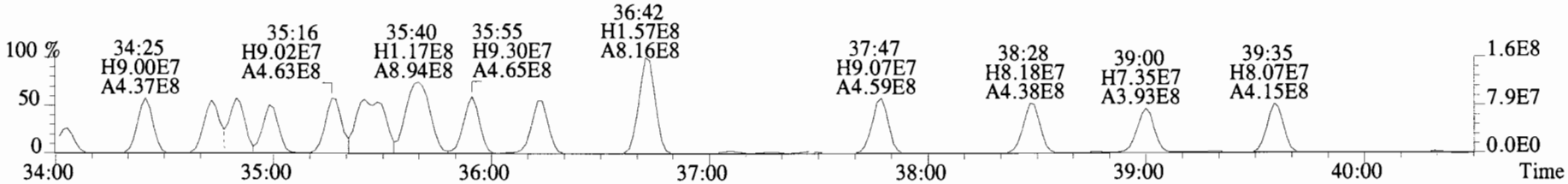
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19976.0,0.00%,F,F)



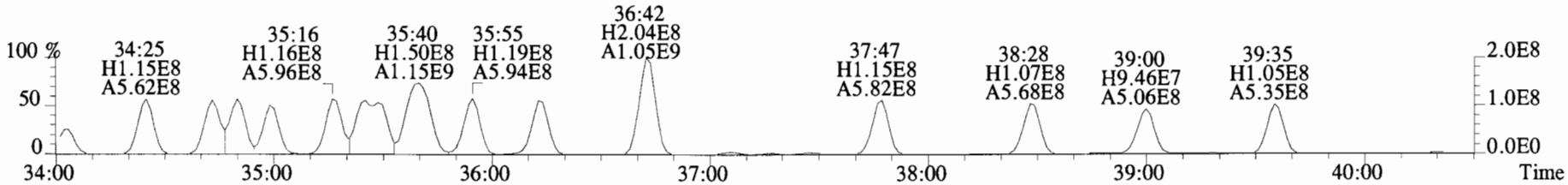
330.9792 S:5 F:3



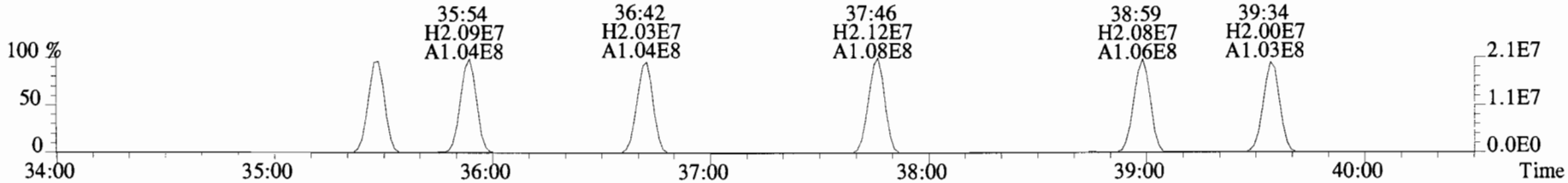
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,195004.0,0.00%,F,F)



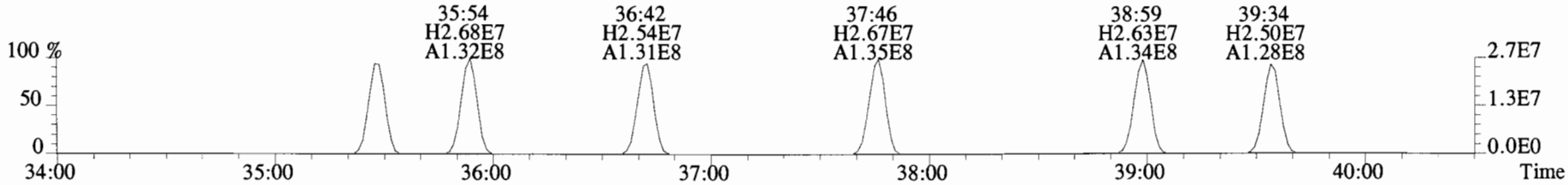
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,242576.0,0.00%,F,F)



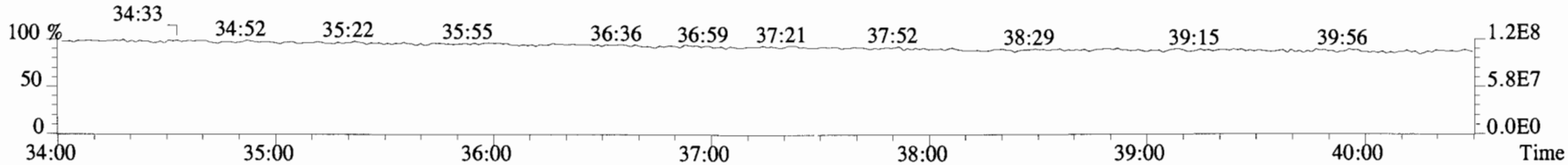
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,41456.0,0.00%,F,F)



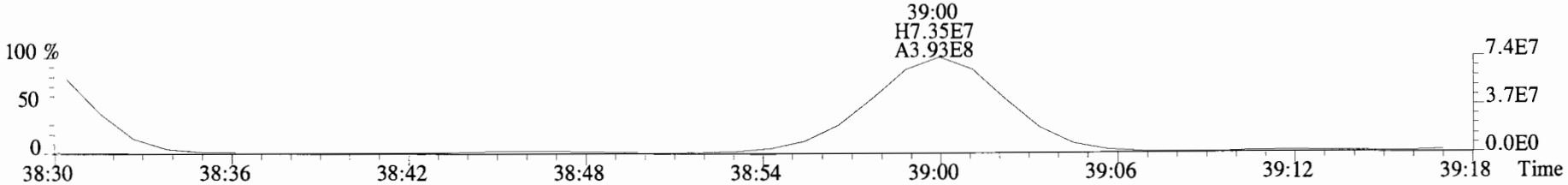
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19976.0,0.00%,F,F)



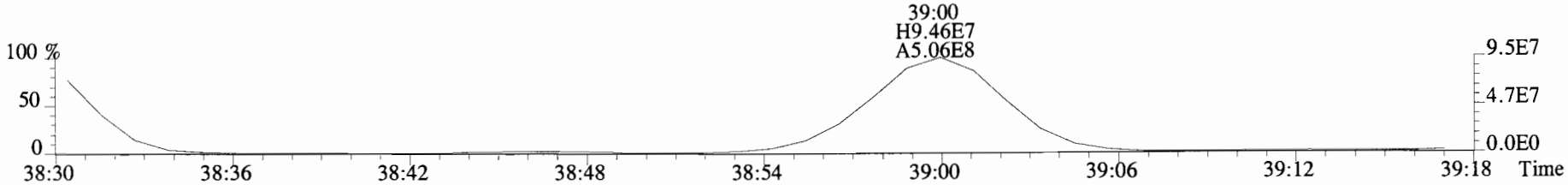
330.9792 S:5 F:3



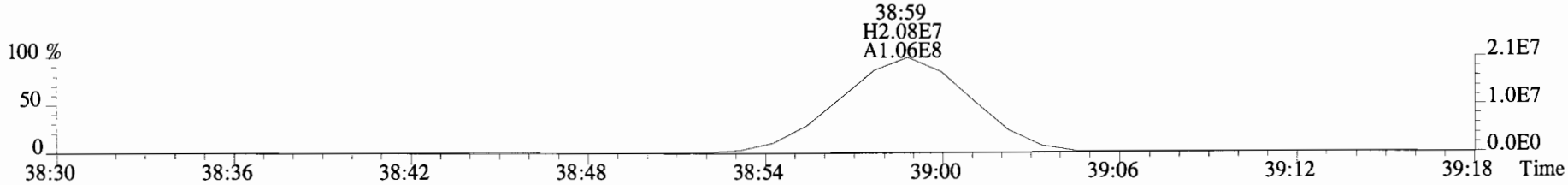
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,195004.0,0.00%,F,F)



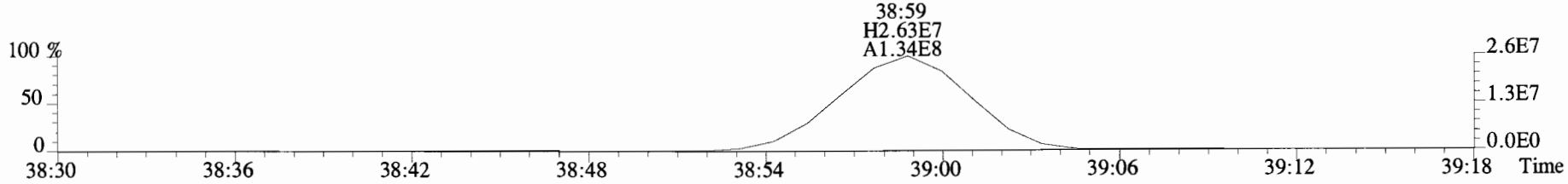
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,242576.0,0.00%,F,F)



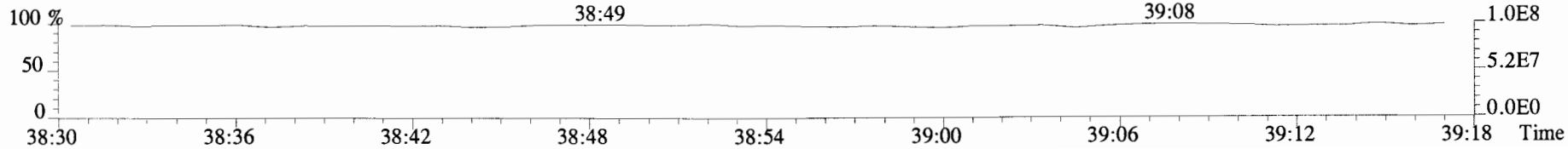
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,41456.0,0.00%,F,F)



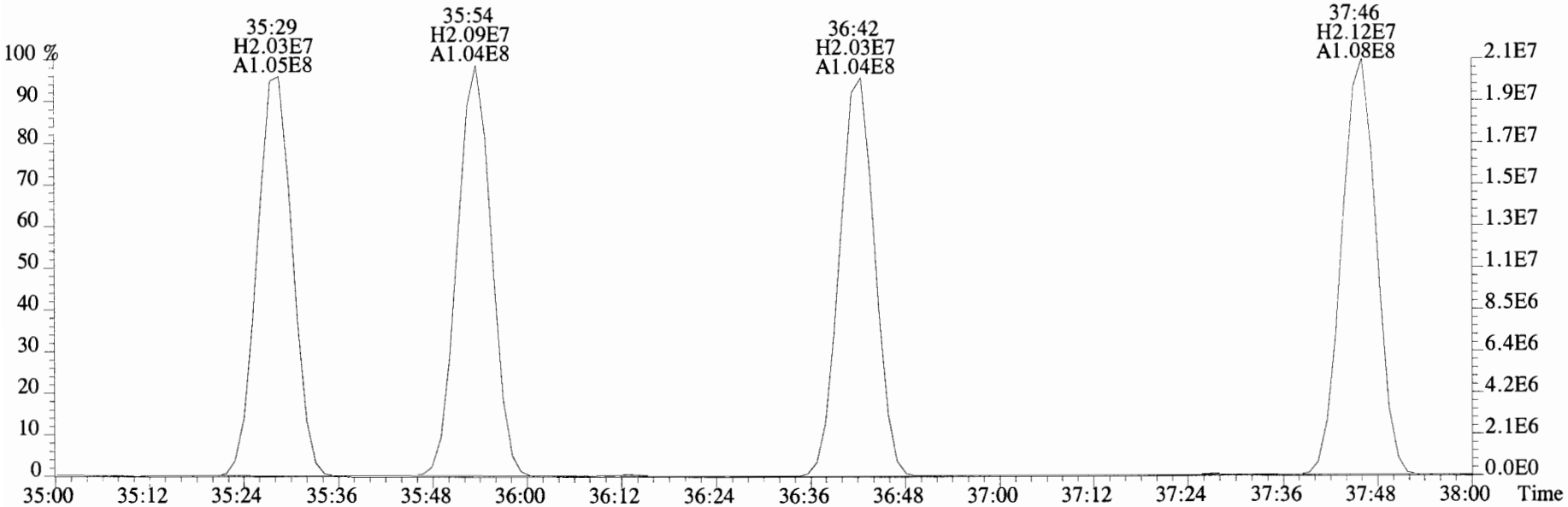
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19976.0,0.00%,F,F)



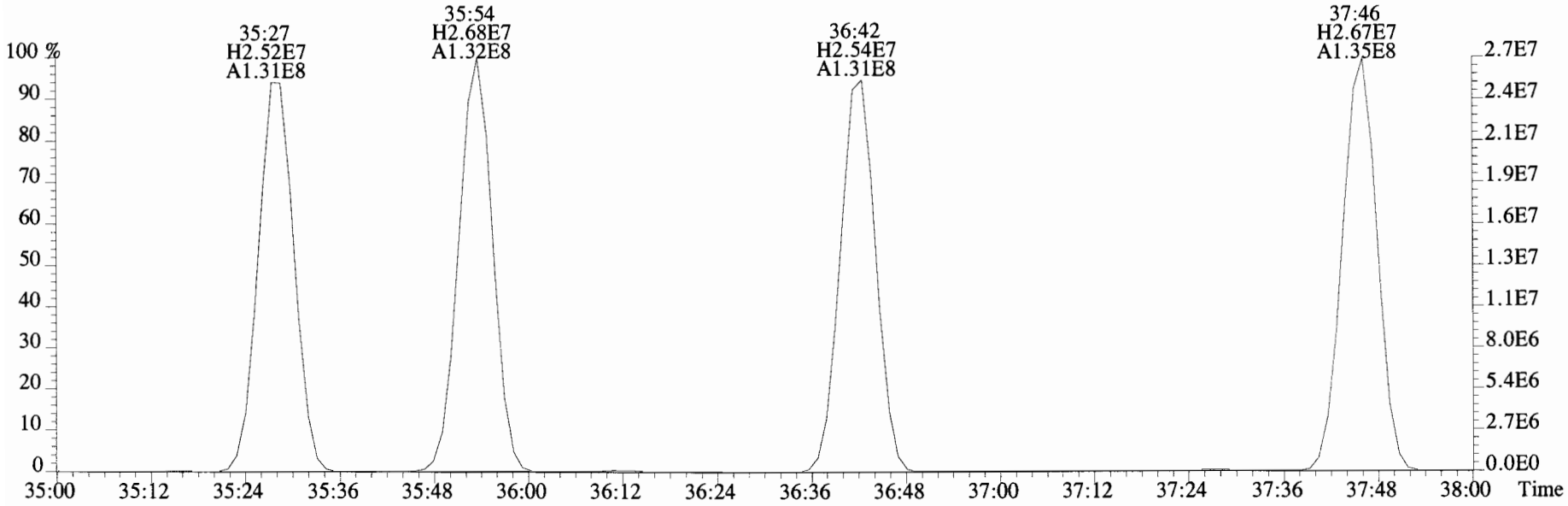
330.9792 S:5 F:3



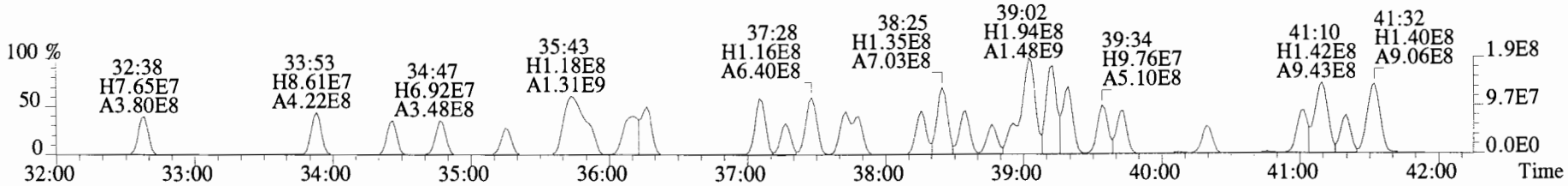
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,41456.0,0.00%,F,F)



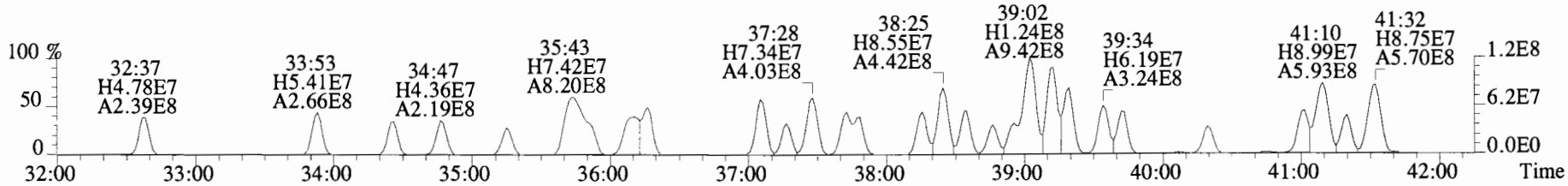
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19976.0,0.00%,F,F)



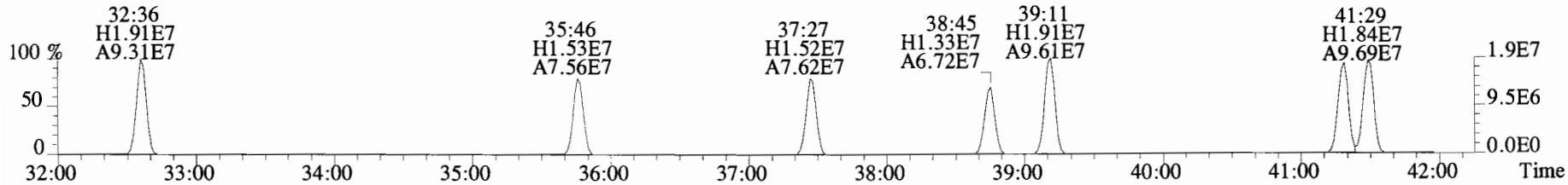
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6976.0,0.00%,F,F)



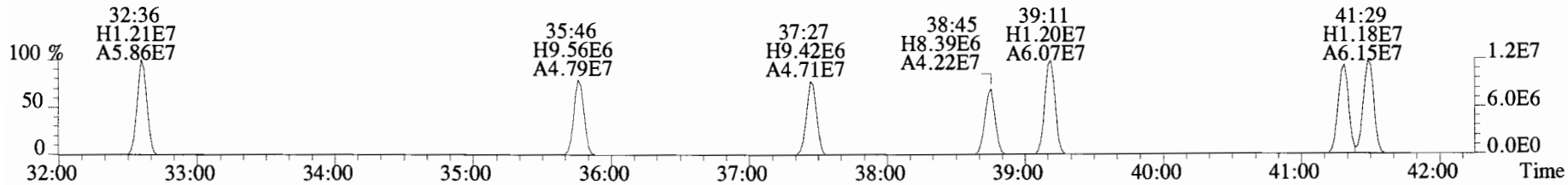
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4628.0,0.00%,F,F)



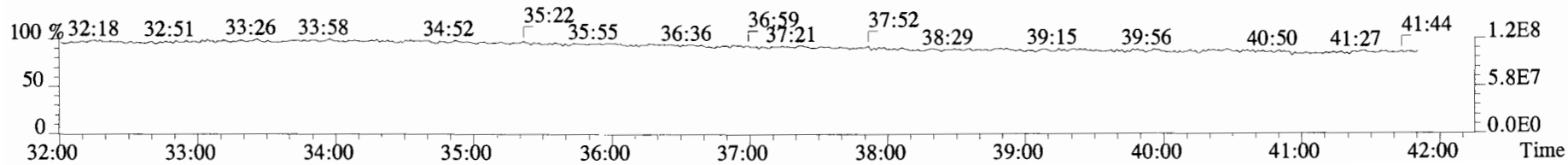
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7720.0,0.00%,F,F)



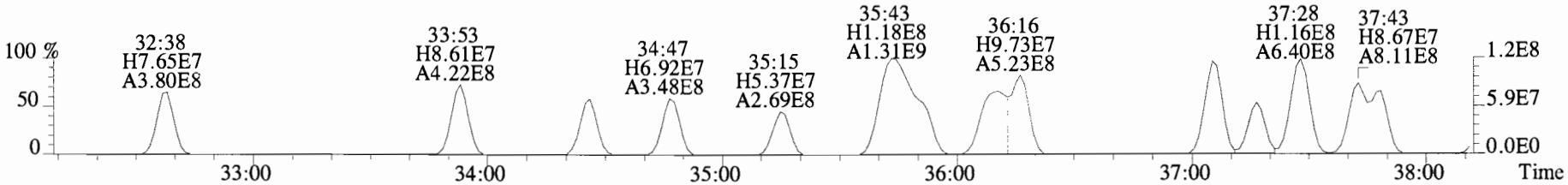
339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7208.0,0.00%,F,F)



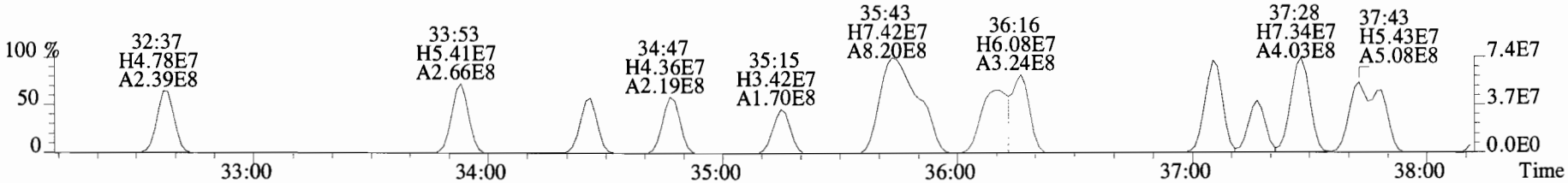
330.9792 S:5 F:3



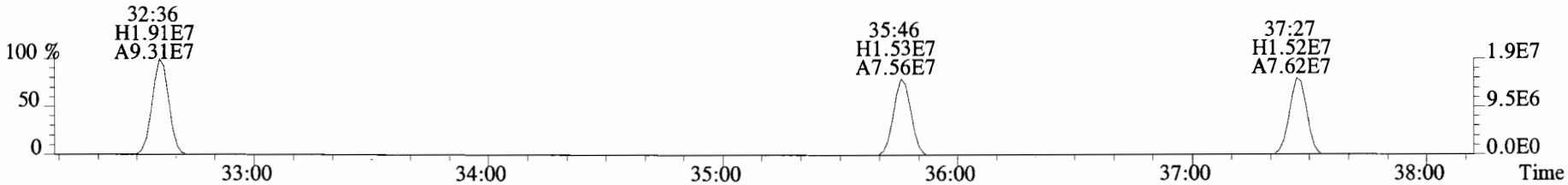
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6976.0,0.00%,F,F)



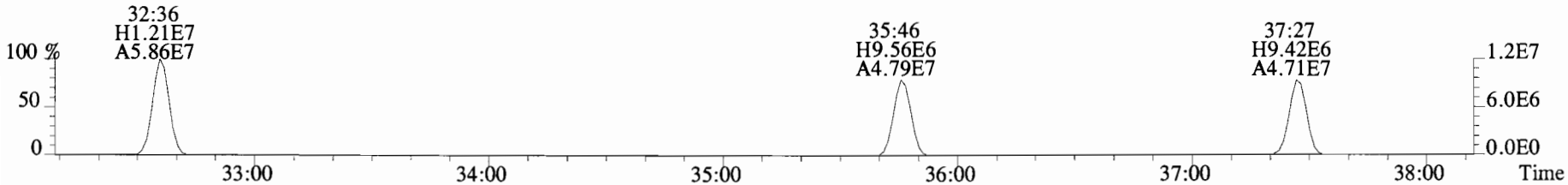
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4628.0,0.00%,F,F)



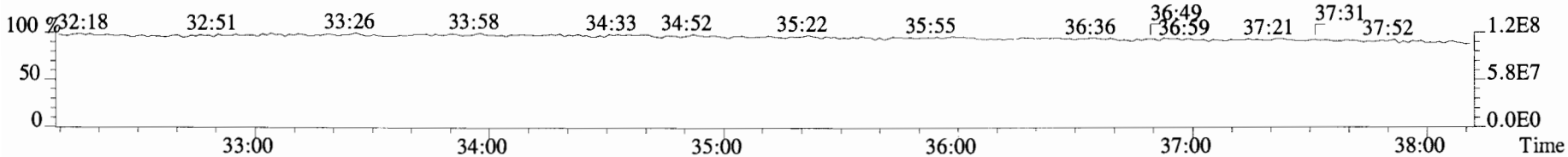
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7720.0,0.00%,F,F)



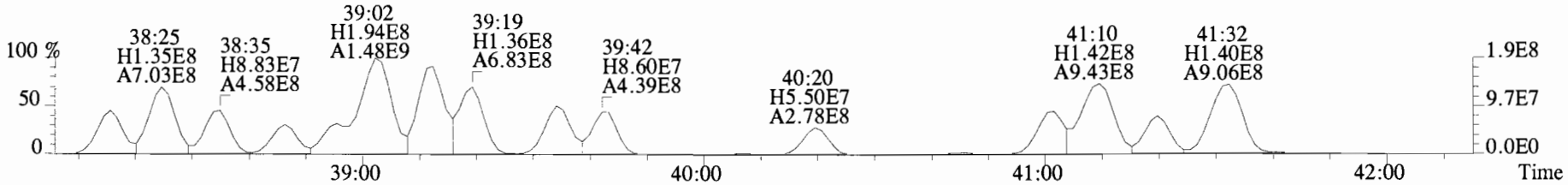
339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7208.0,0.00%,F,F)



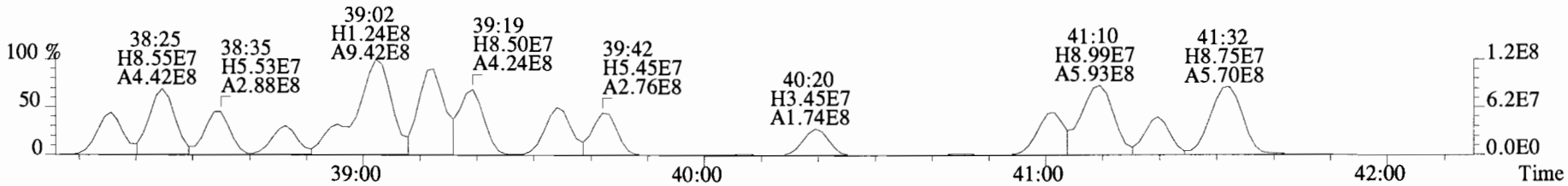
330.9792 S:5 F:3



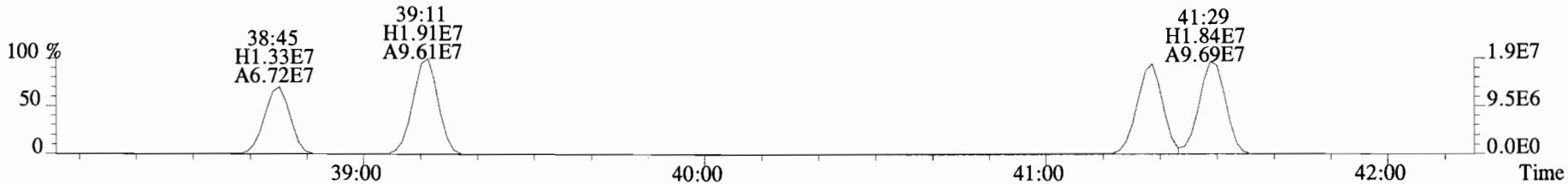
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6976.0,0.00%,F,F)



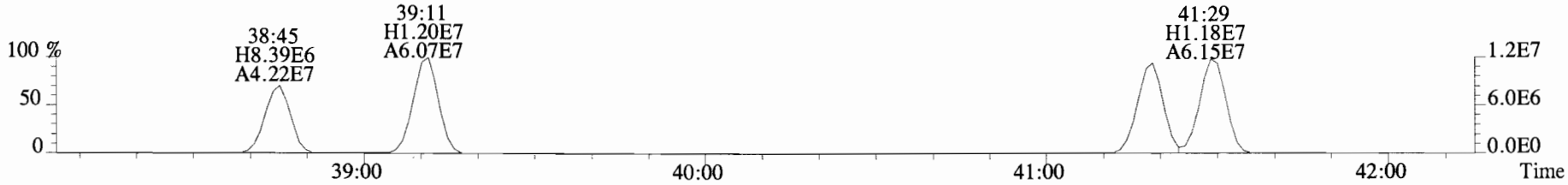
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4628.0,0.00%,F,F)



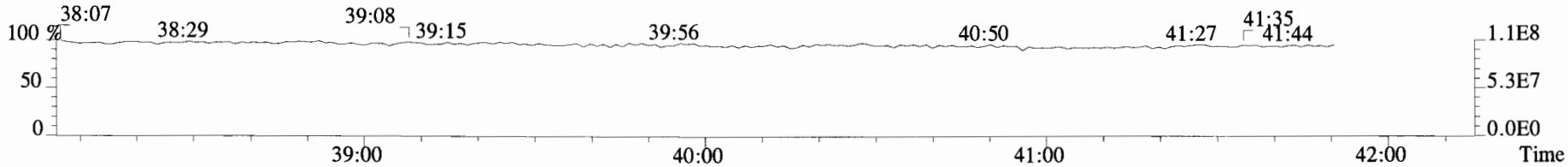
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7720.0,0.00%,F,F)



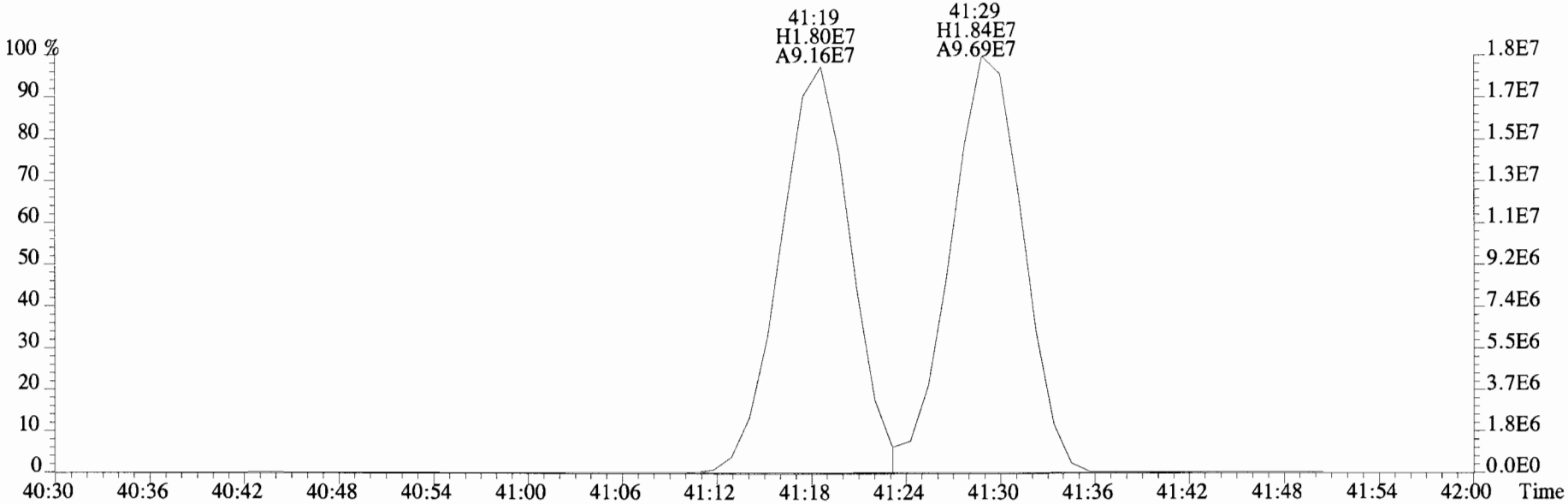
339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7208.0,0.00%,F,F)



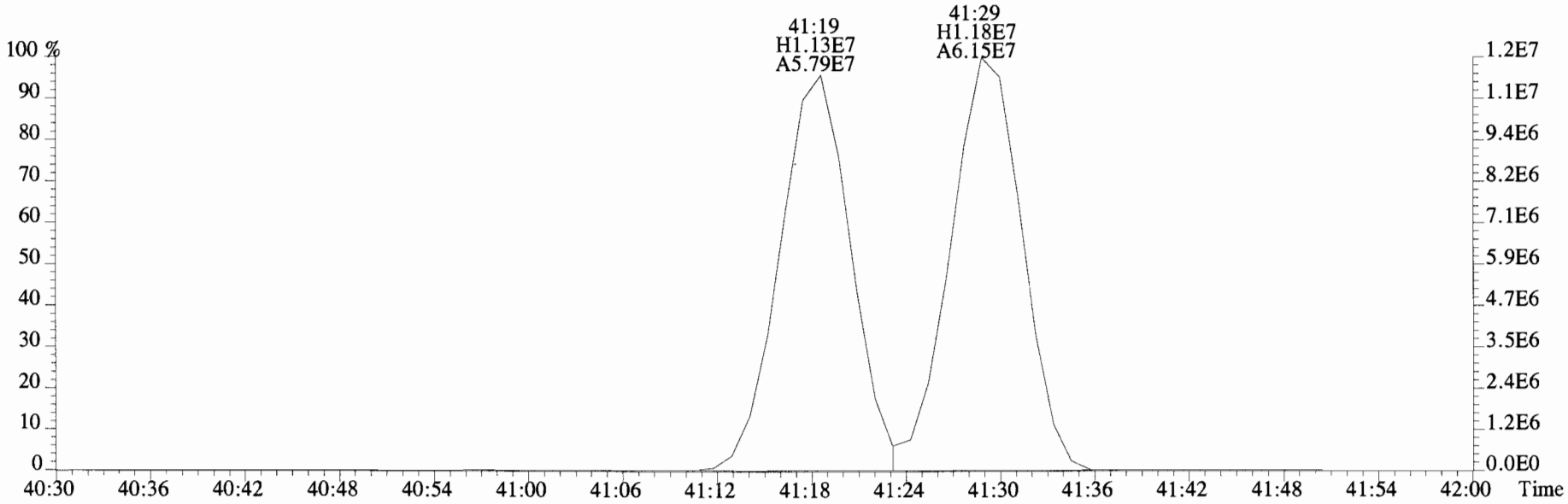
330.9792 S:5 F:3



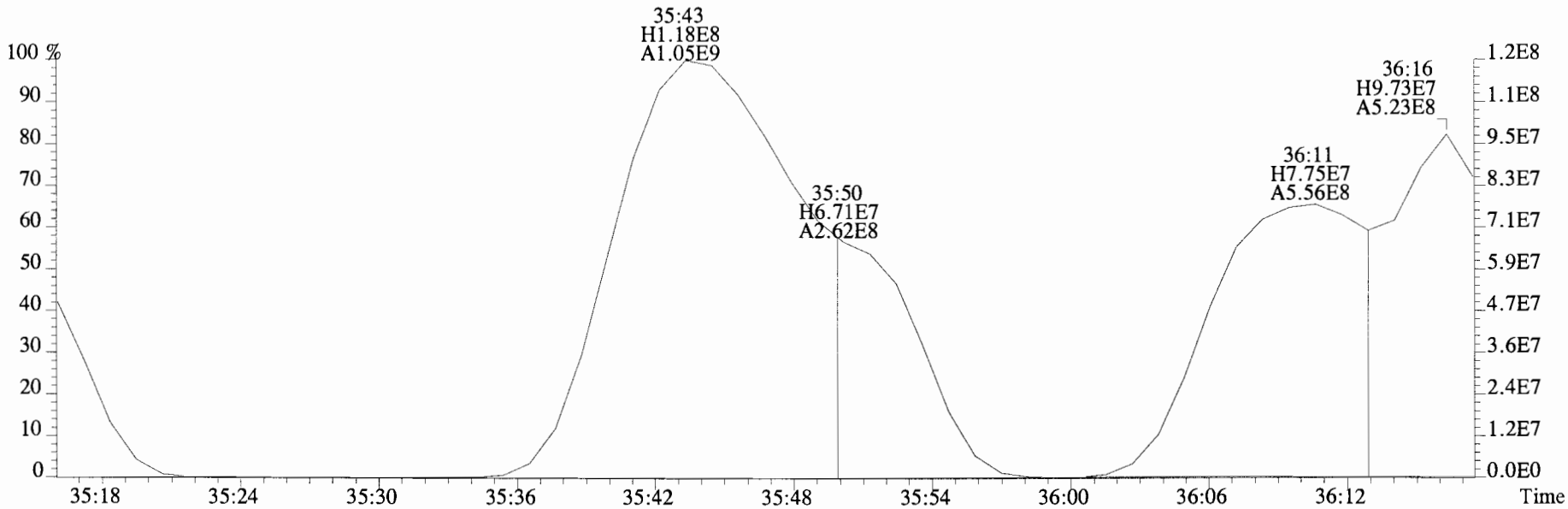
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC Ei+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7720.0,0.00%,F,F)



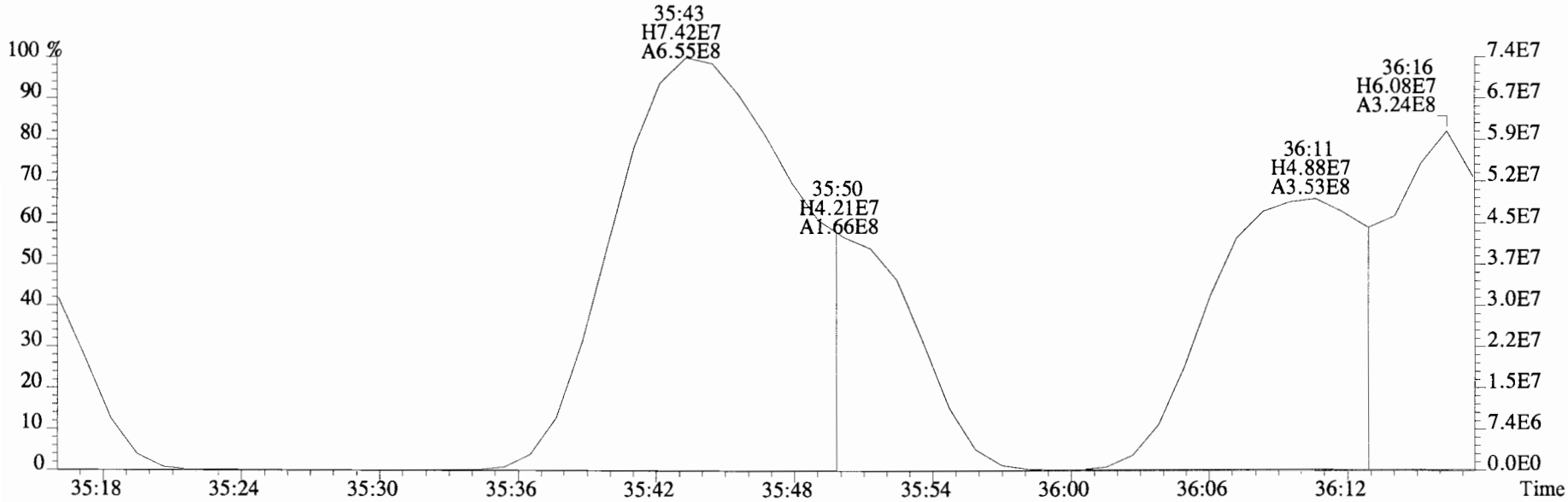
339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7208.0,0.00%,F,F)



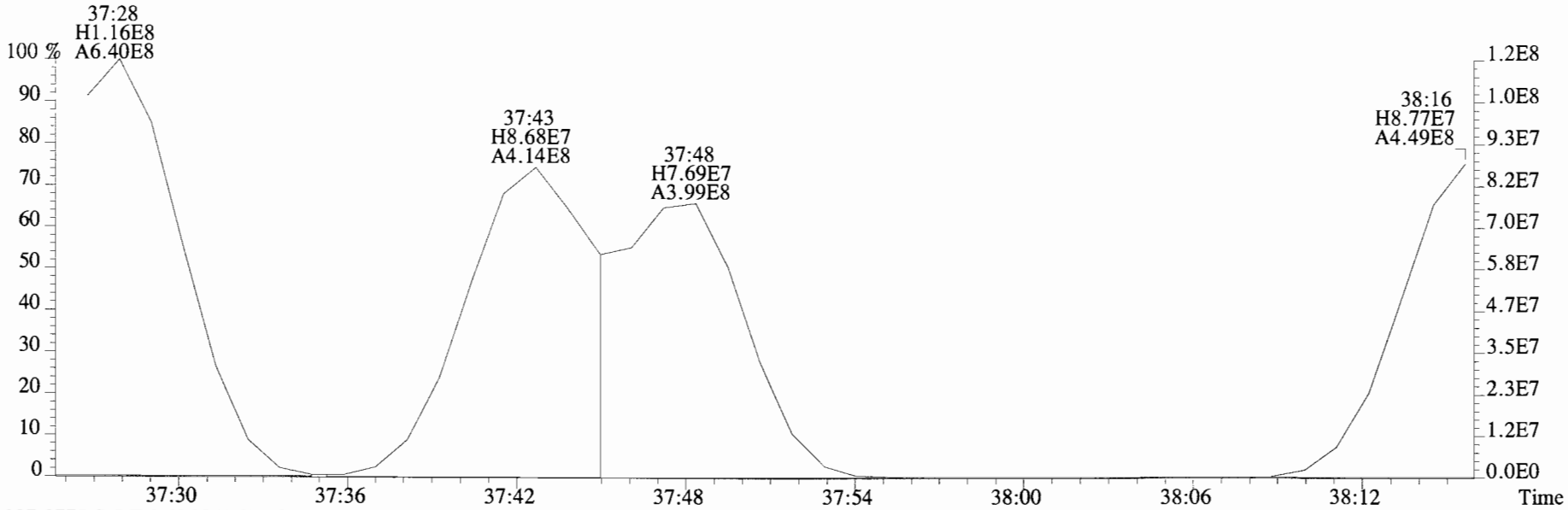
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6976.0,0.00%,F,F)



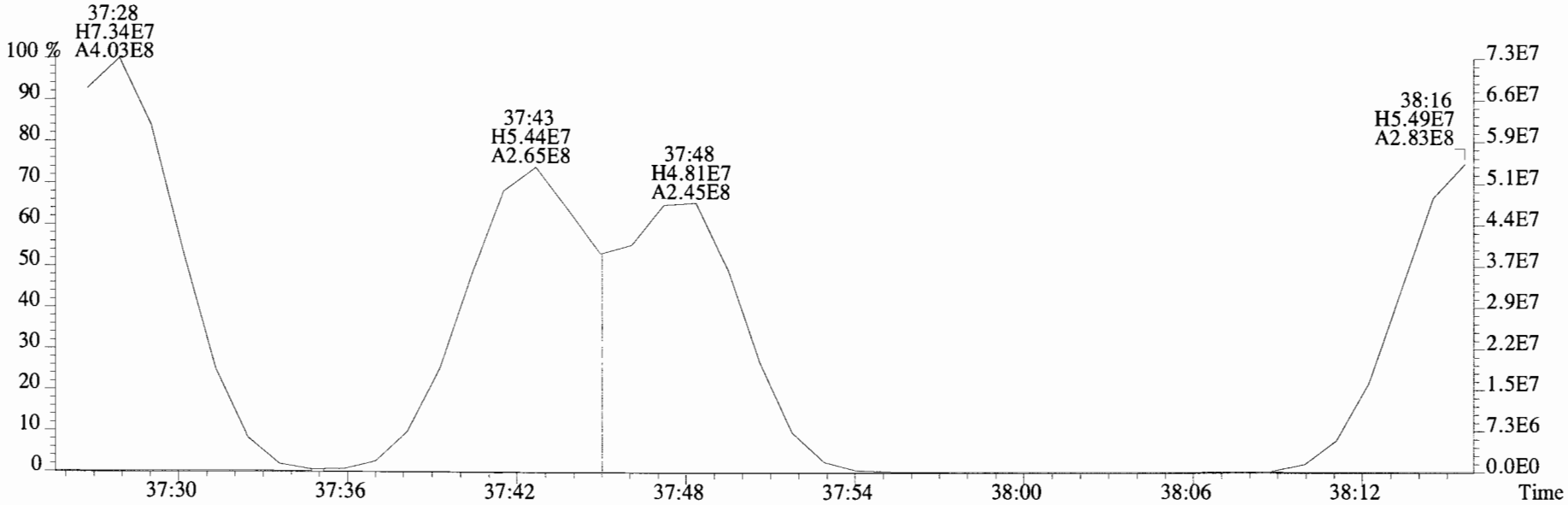
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4628.0,0.00%,F,F)



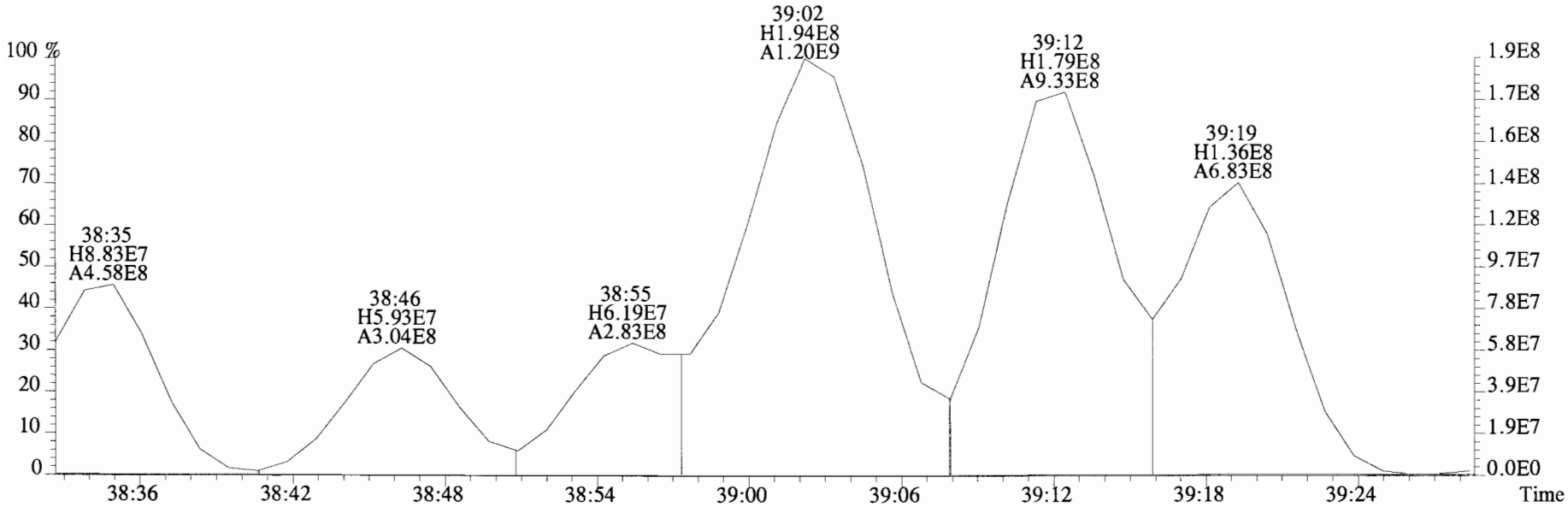
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6976.0,0.00%,F,F)



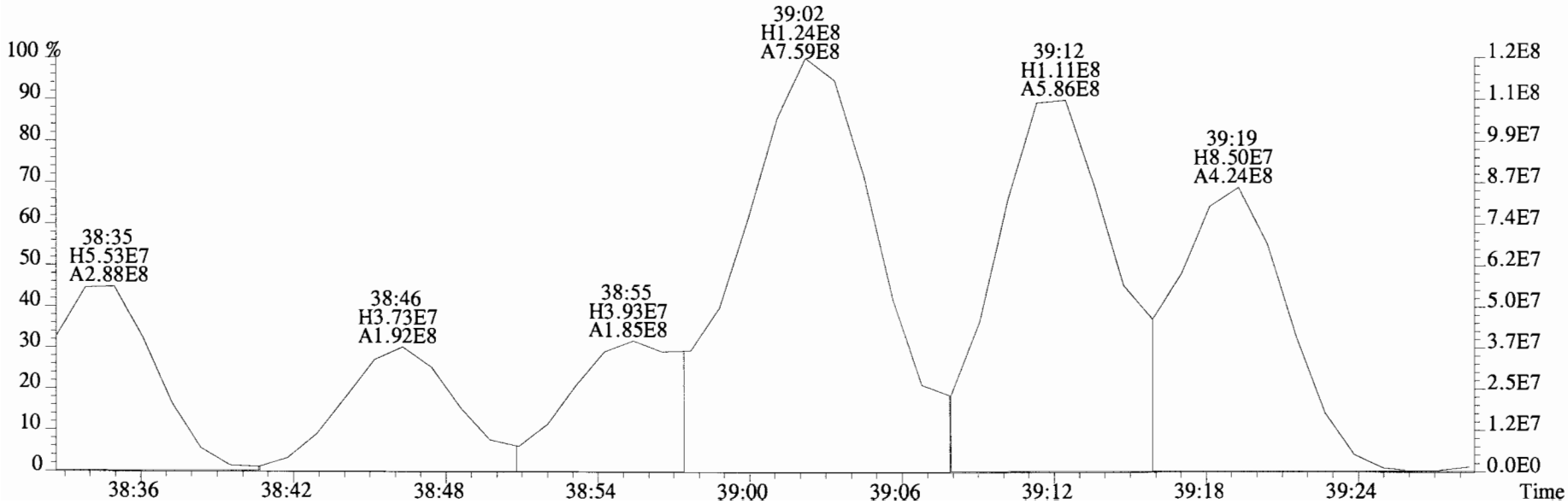
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4628.0,0.00%,F,F)



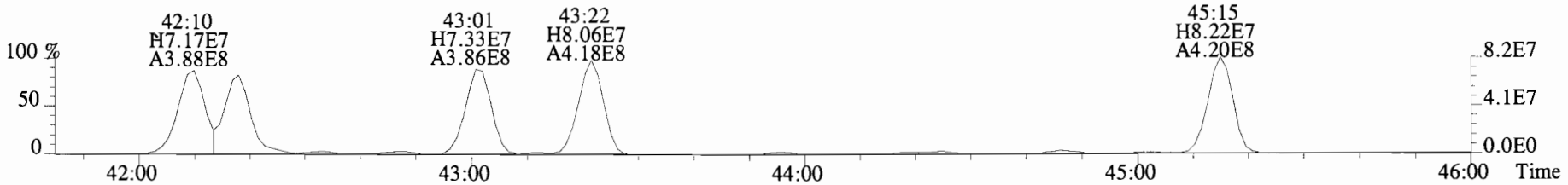
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6976.0,0.00%,F,F)



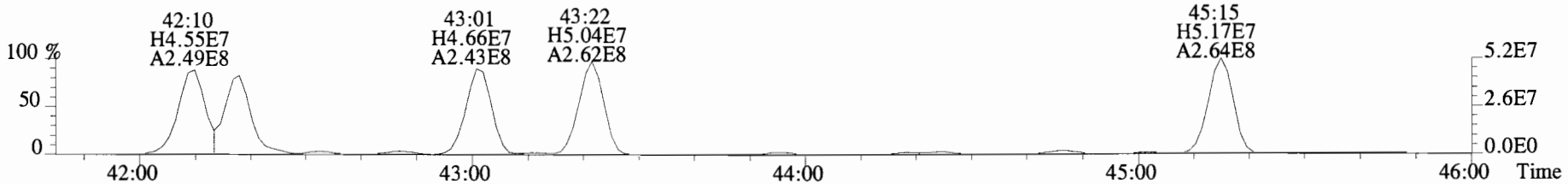
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4628.0,0.00%,F,F)



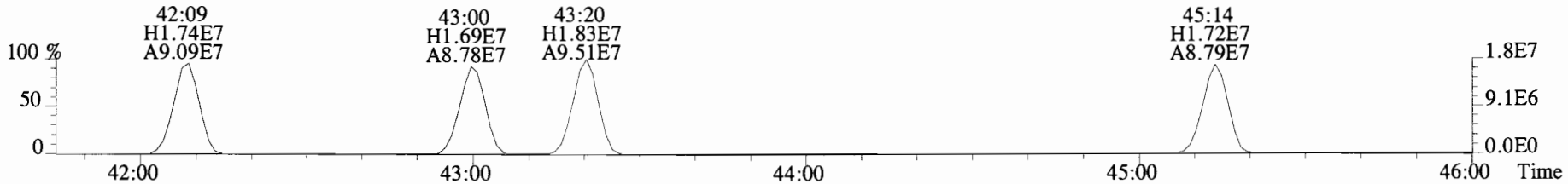
File:180208E1 #1-574 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
325.8804 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,94504.0,0.00%,F,F)



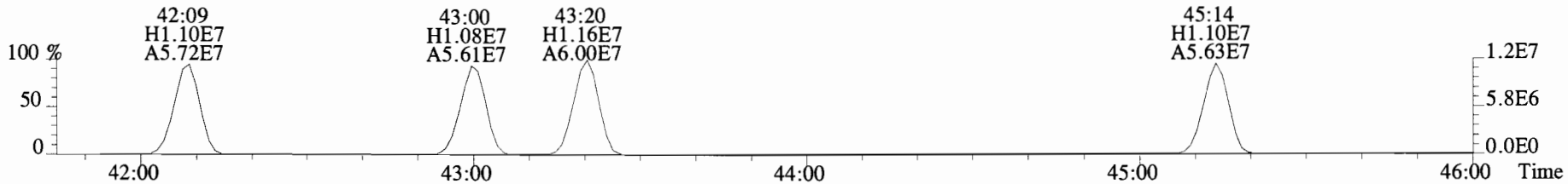
327.8775 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,67108.0,0.00%,F,F)



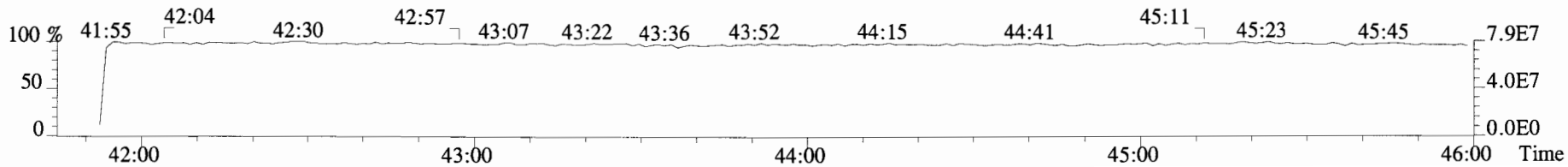
337.9207 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10784.0,0.00%,F,F)



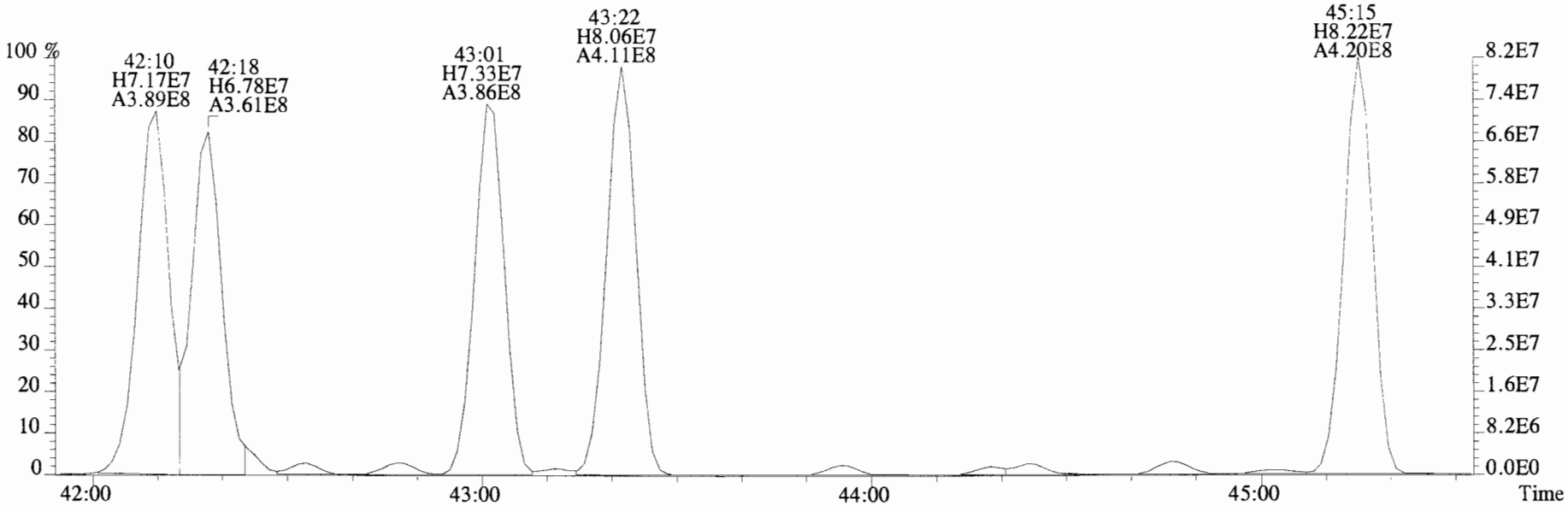
339.9177 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9340.0,0.00%,F,F)



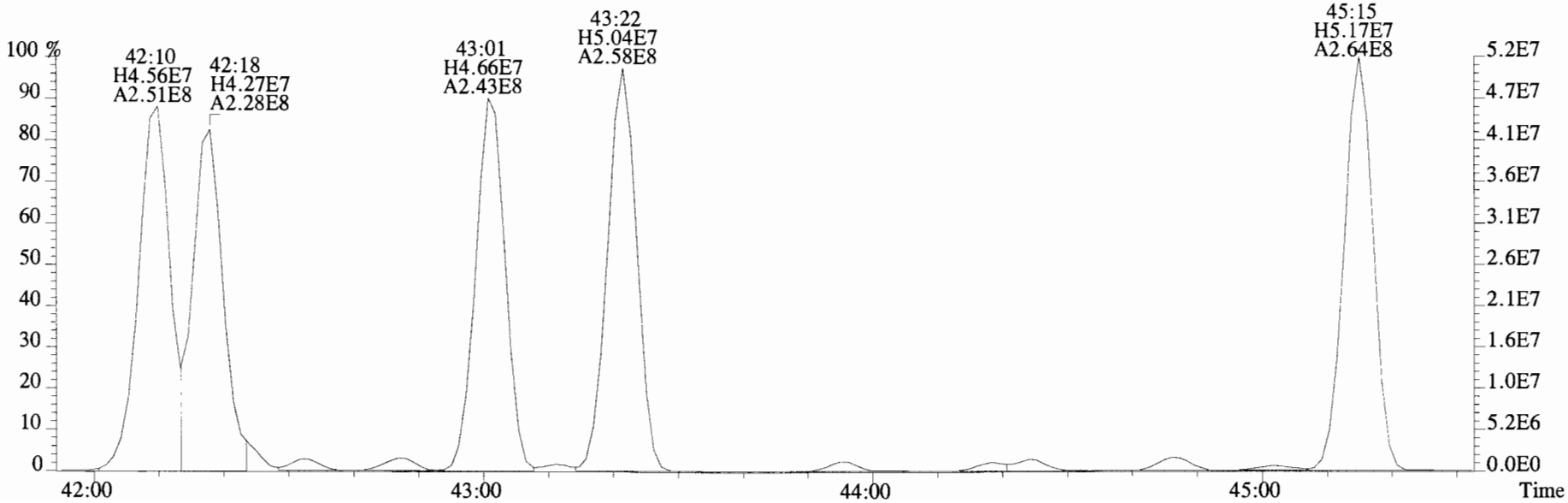
380.9760 S:5 F:4



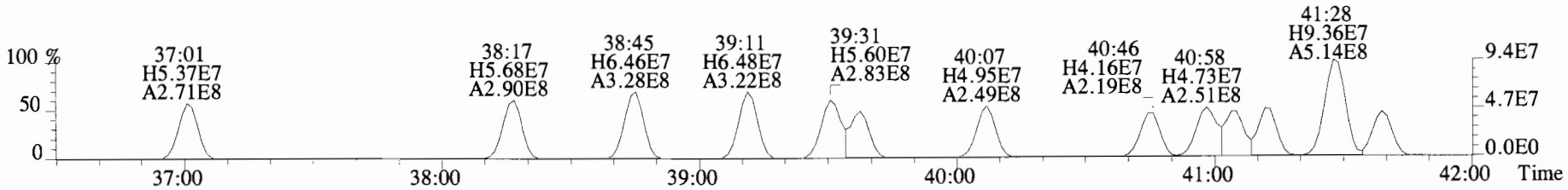
File:180208E1 #1-574 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
325.8804 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,94504.0,0.00%,F,F)



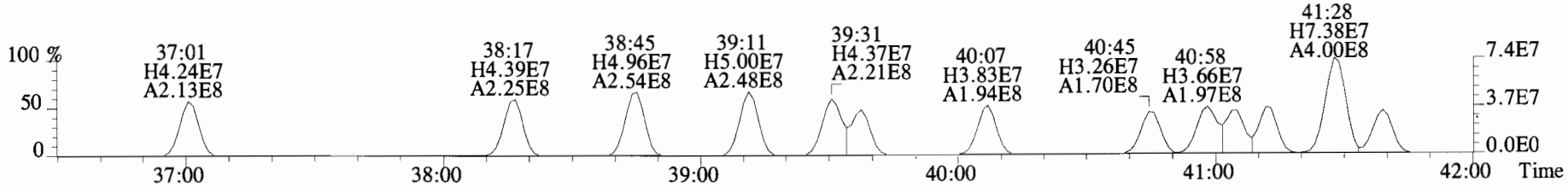
327.8775 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,67108.0,0.00%,F,F)



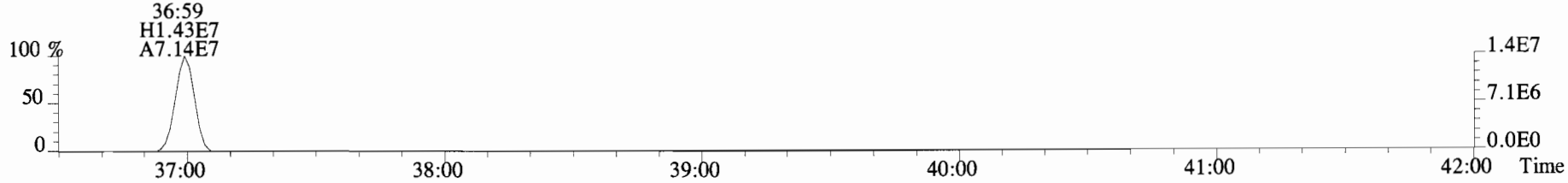
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
359.8415 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3972.0,0.00%,F,F)



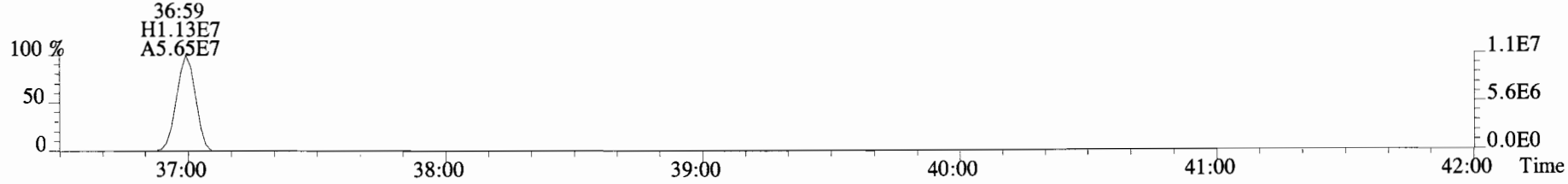
361.8385 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3740.0,0.00%,F,F)



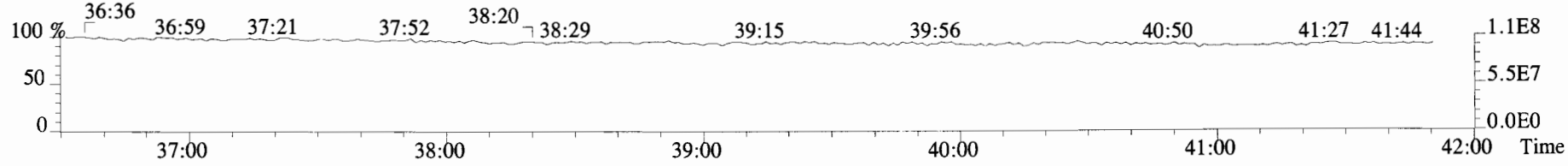
371.8817 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4744.0,0.00%,F,F)



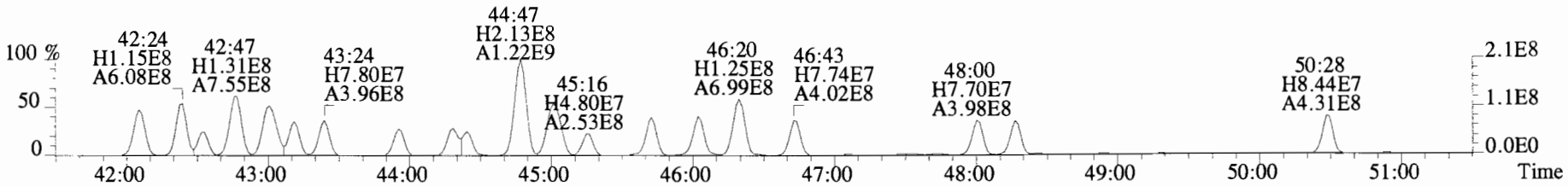
373.8788 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4524.0,0.00%,F,F)



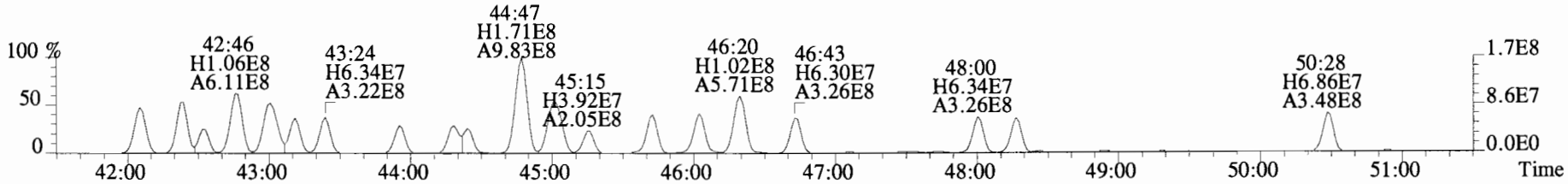
330.9792 S:5 F:3



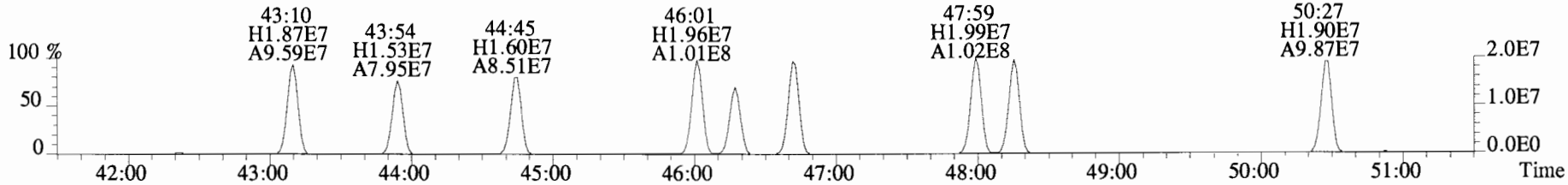
File:180208E1 #1-574 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
359.8415 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,448632.0,0.00%,F,F)



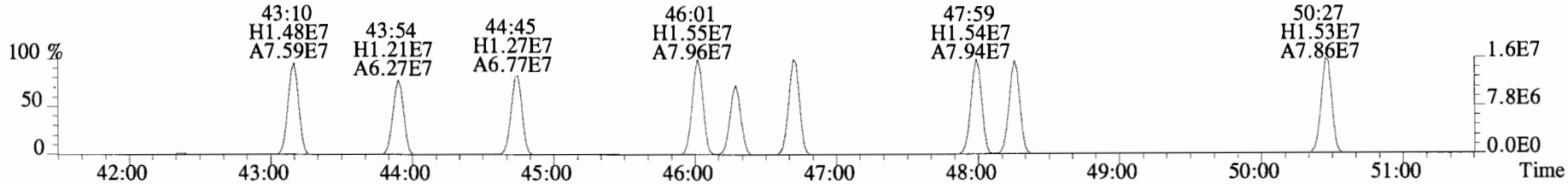
361.8385 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,358152.0,0.00%,F,F)



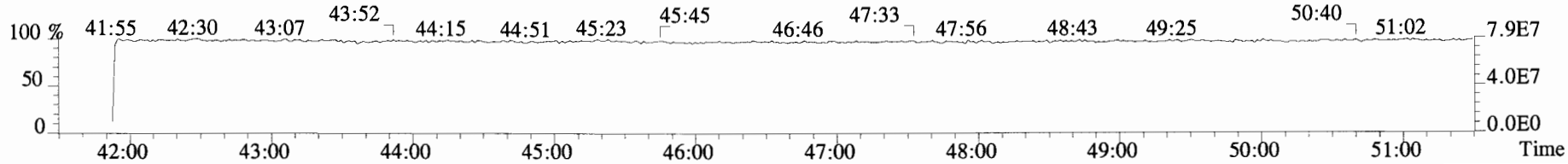
371.8817 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27148.0,0.00%,F,F)



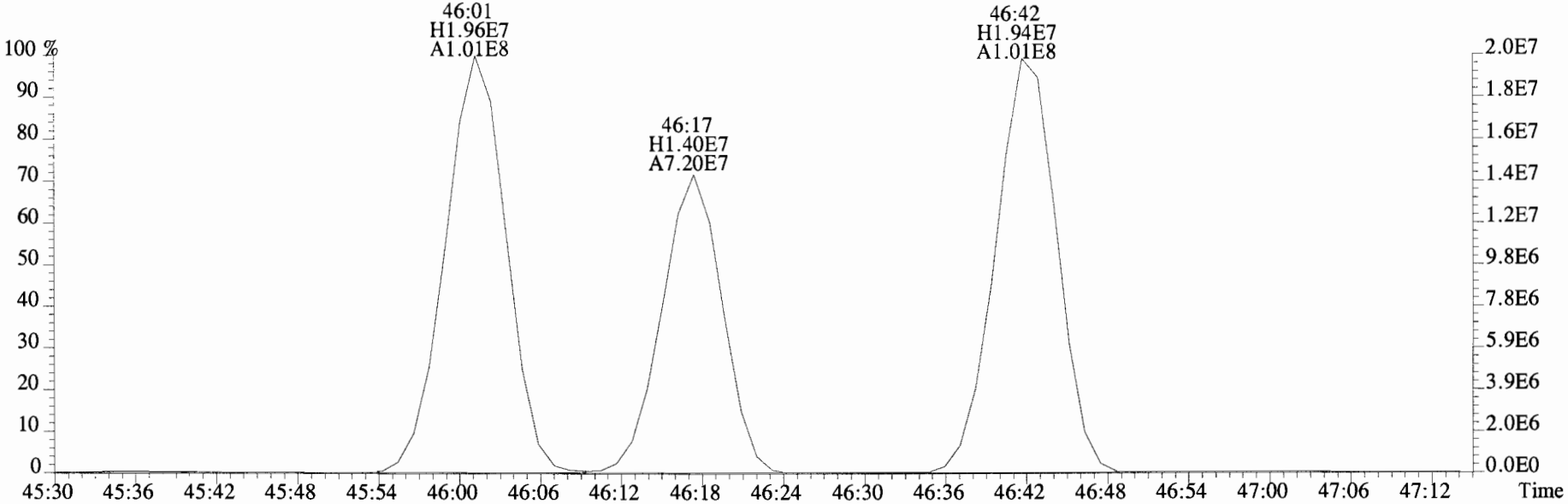
373.8788 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20348.0,0.00%,F,F)



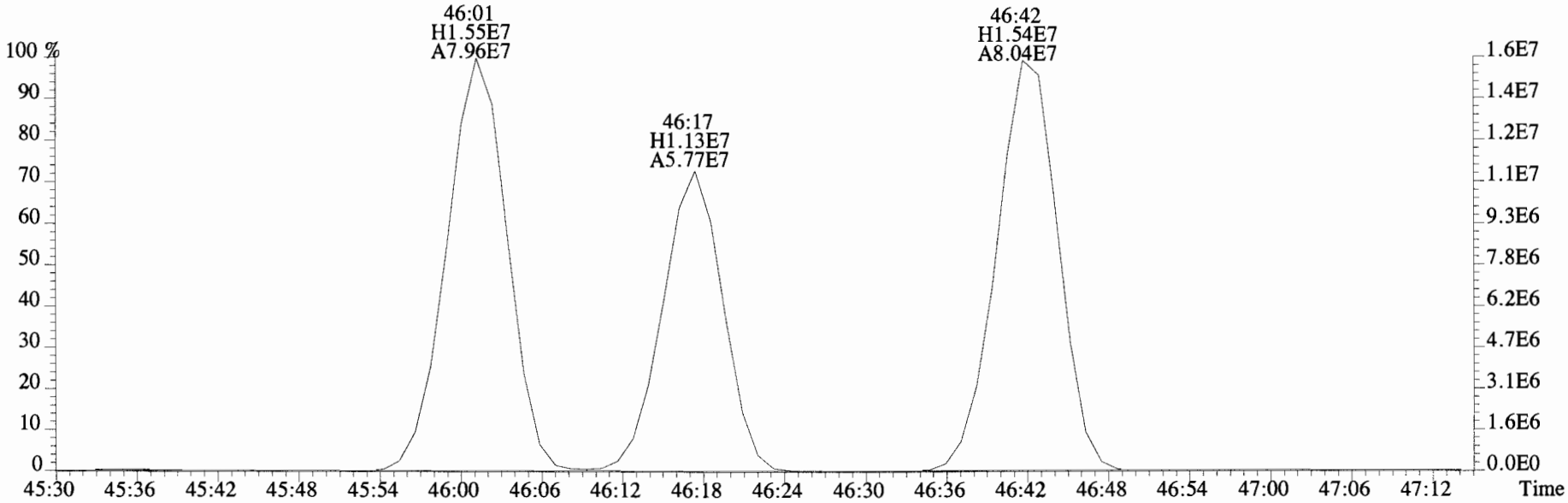
380.9760 S:5 F:4



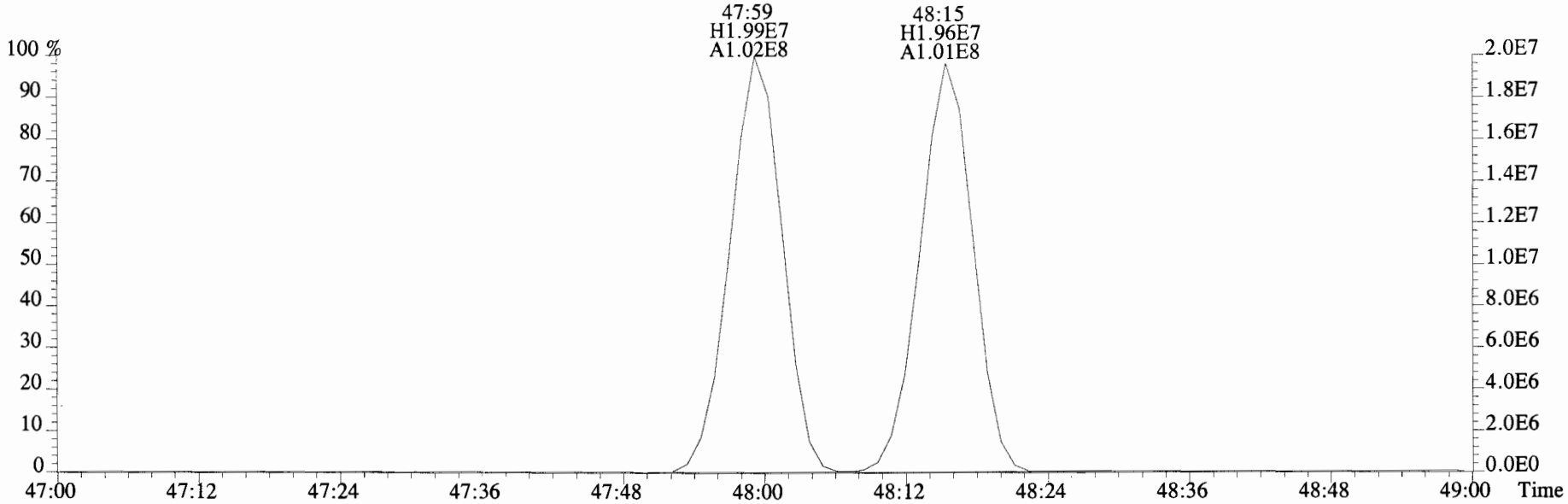
File:180208E1 #1-574 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
371.8817 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27148.0,0.00%,F,F)



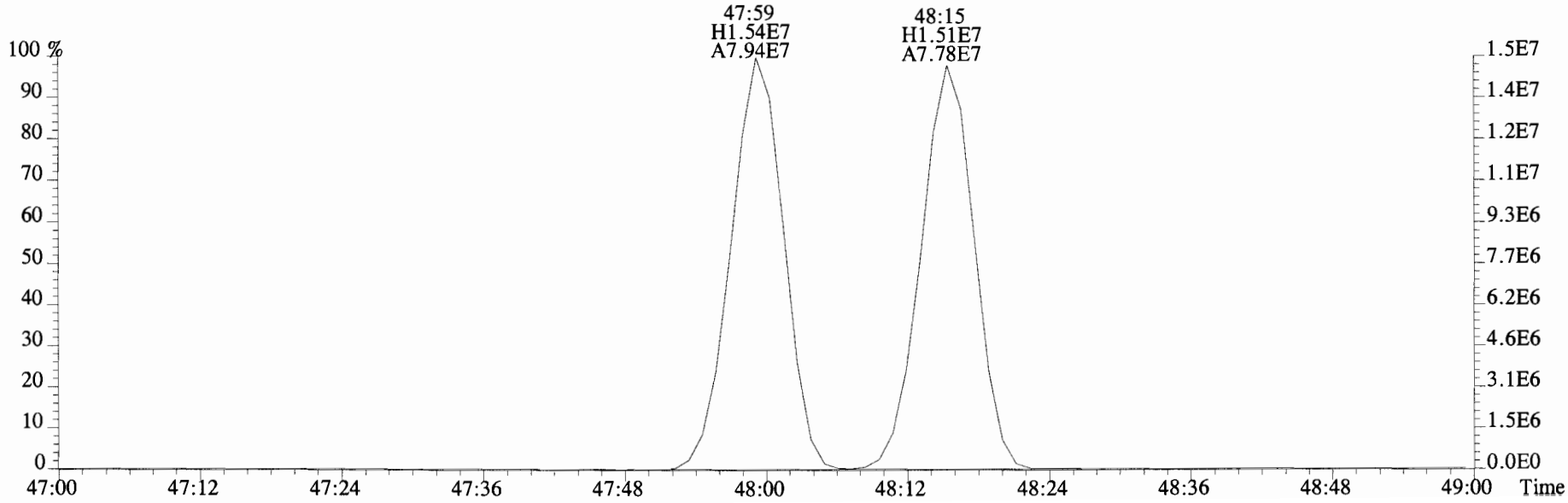
373.8788 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20348.0,0.00%,F,F)



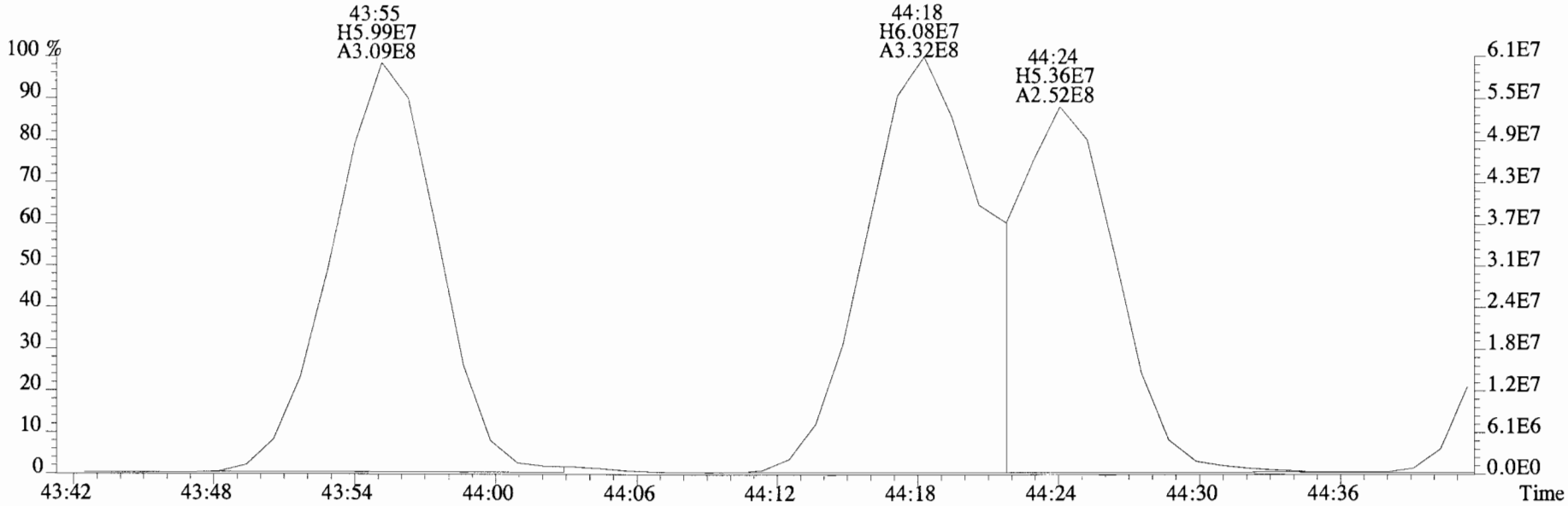
File:180208E1 #1-574 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
371.8817 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27148.0,0.00%,F,F)



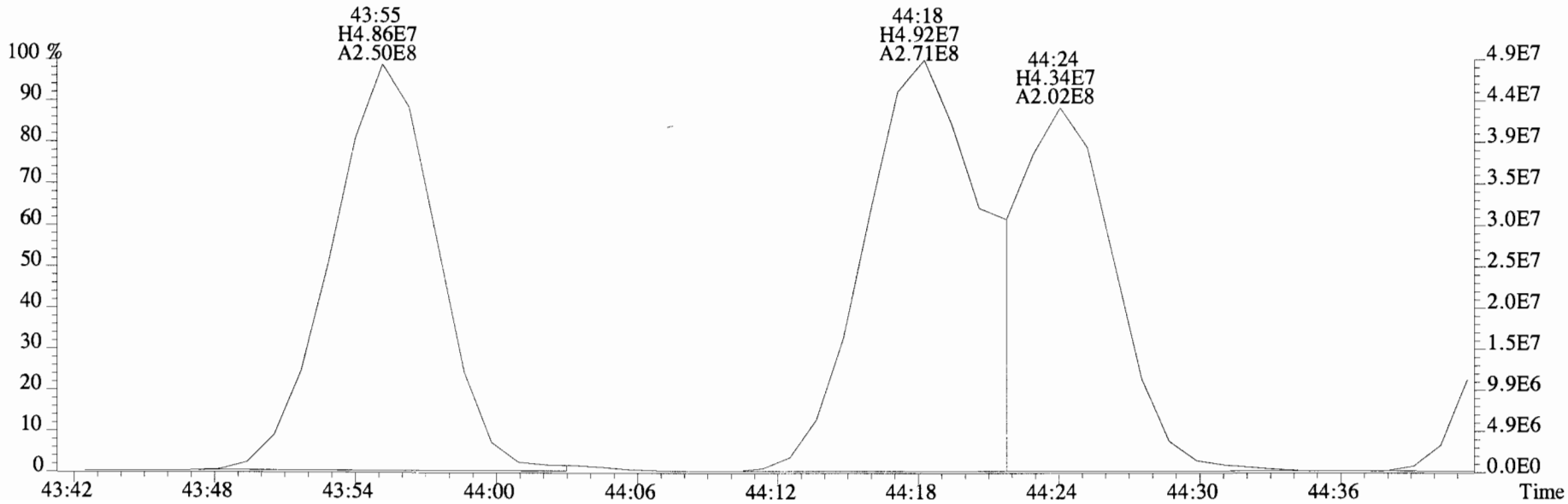
373.8788 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20348.0,0.00%,F,F)



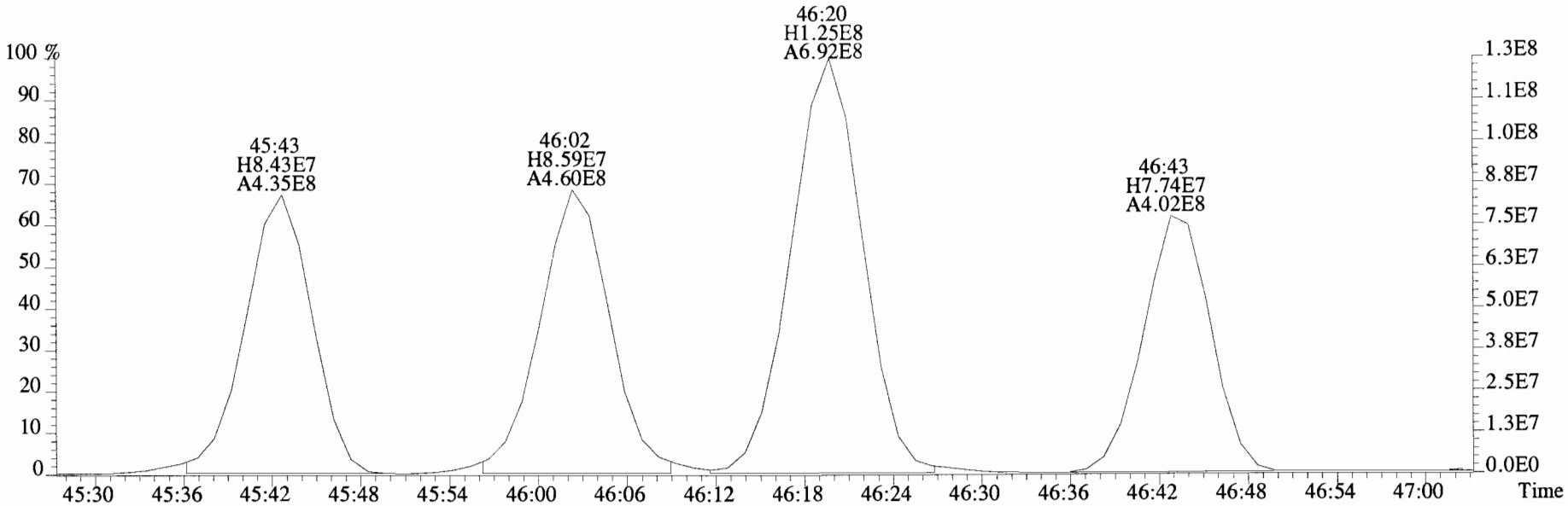
File:180208E1 #1-574 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
359.8415 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,448632.0,0.00%,F,F)



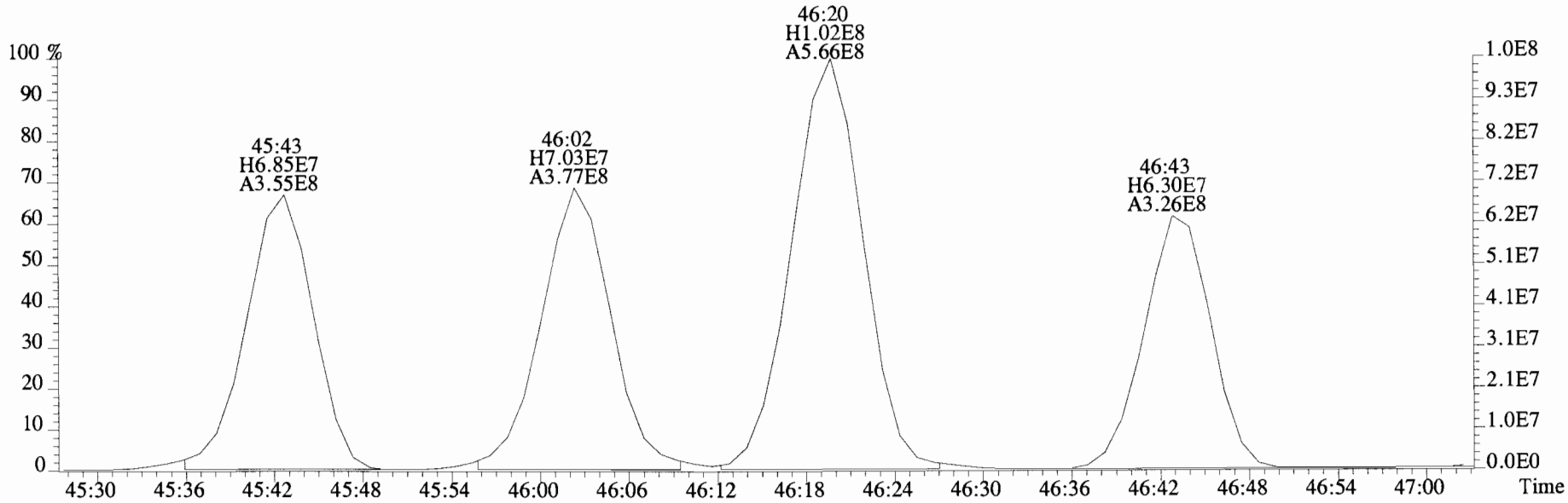
361.8385 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,358152.0,0.00%,F,F)



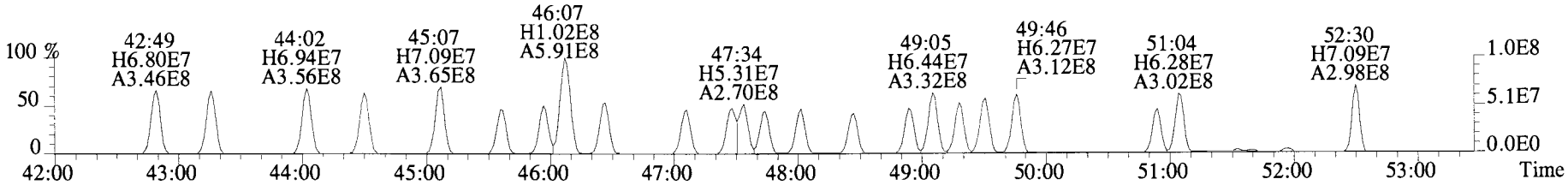
File:180208E1 #1-574 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
359.8415 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,448632.0,0.00%,F,F)



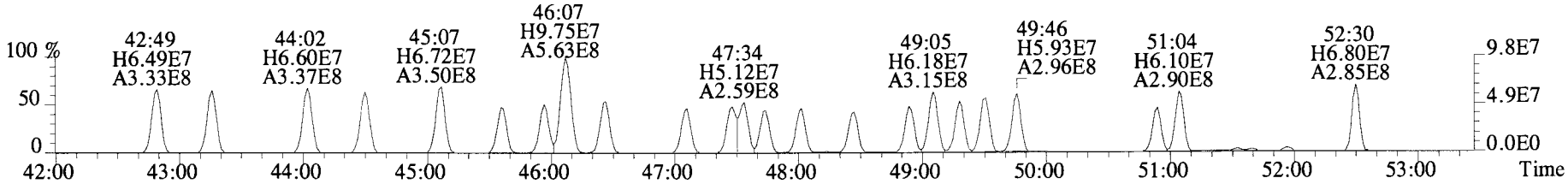
361.8385 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,358152.0,0.00%,F,F)



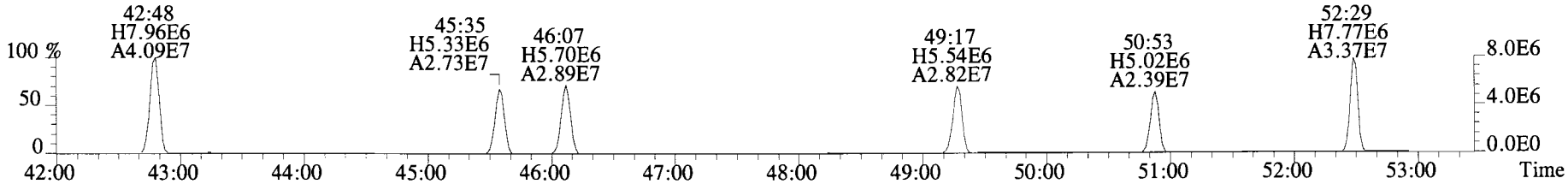
File:180208E1 #1-574 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
393.8025 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,325356.0,0.00%,F,F)



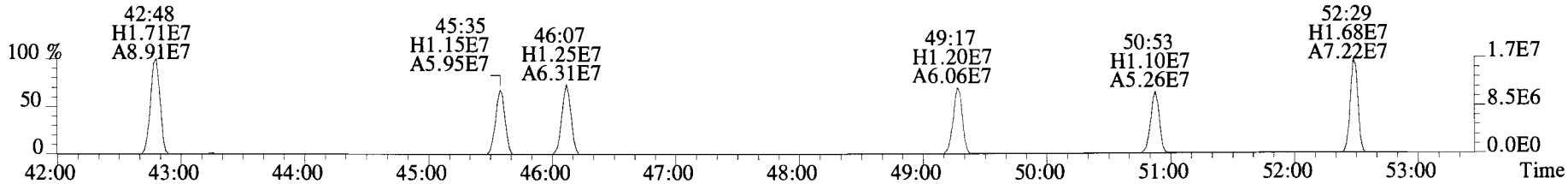
395.7995 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,302116.0,0.00%,F,F)



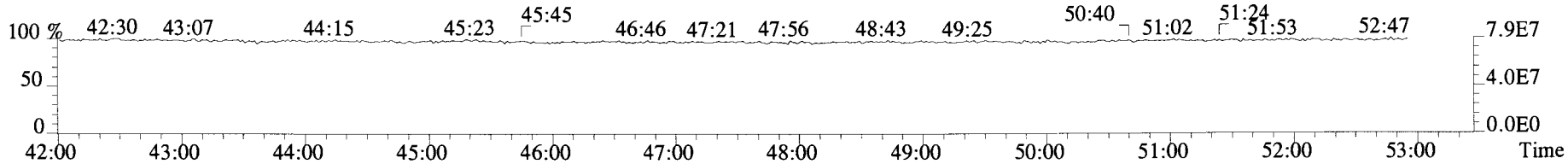
403.8457 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9408.0,0.00%,F,F)



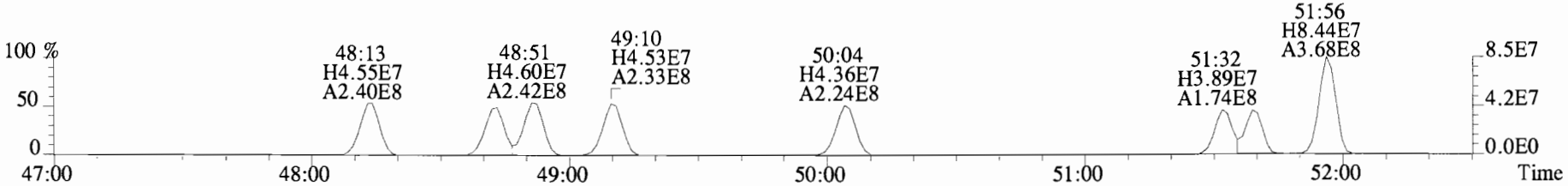
405.8428 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17680.0,0.00%,F,F)



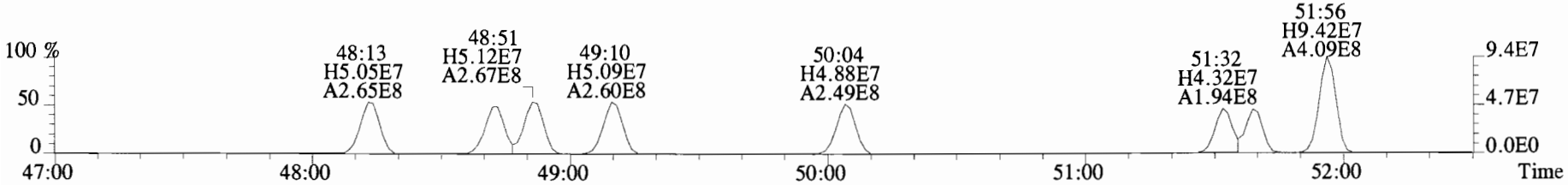
380.9760 S:5 F:4



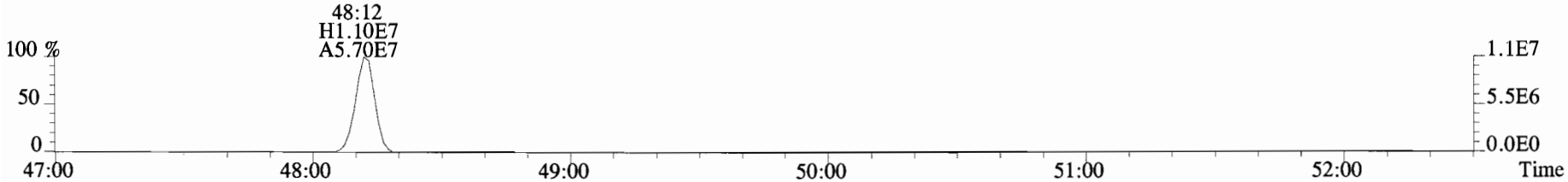
File:180208E1 #1-574 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
427.7635 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,51864.0,0.00%,F,F)



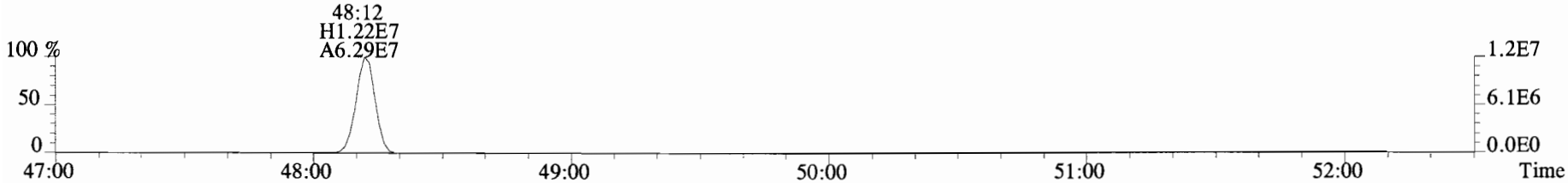
429.7606 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,57104.0,0.00%,F,F)



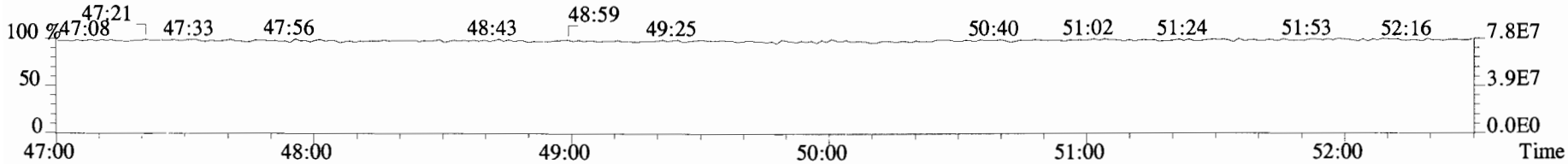
439.8038 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2544.0,0.00%,F,F)



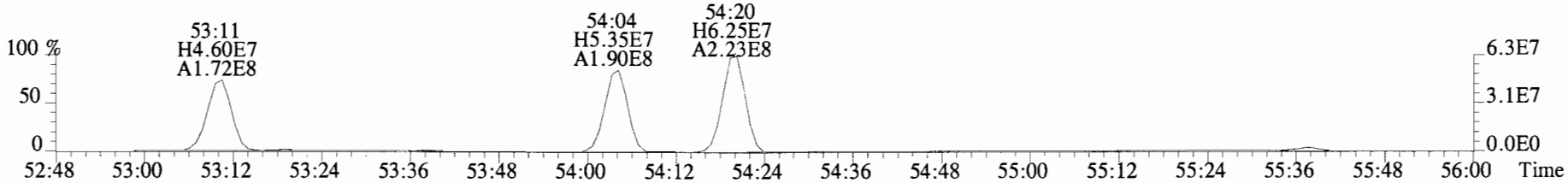
441.8008 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6976.0,0.00%,F,F)



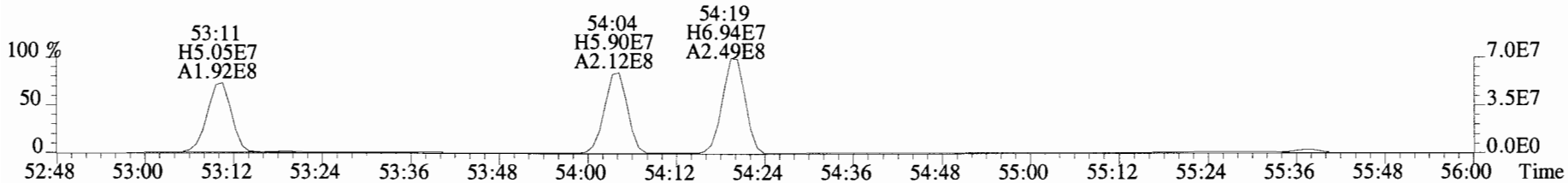
380.9760 S:5 F:4



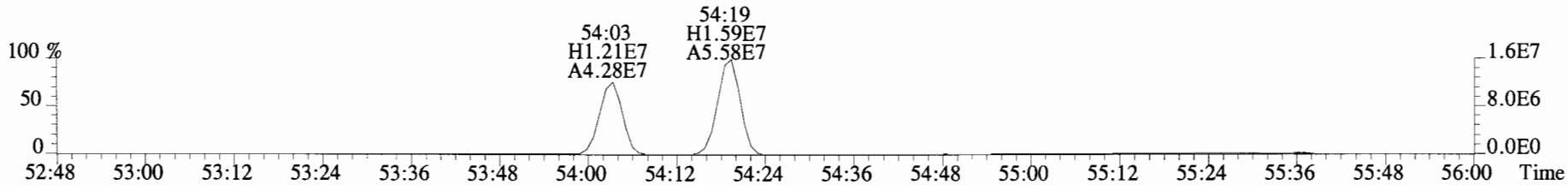
File:180208E1 #1-407 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
427.7635 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,271760.0,0.00%,F,F)



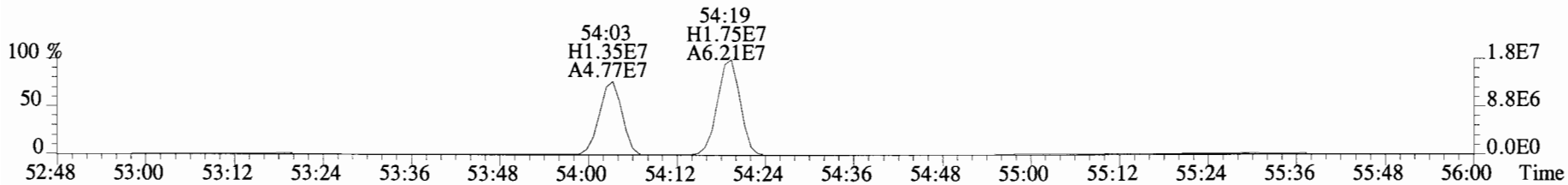
429.7606 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,305640.0,0.00%,F,F)



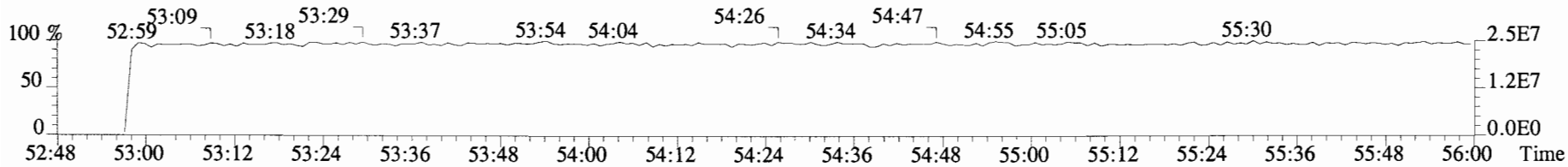
439.8038 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10252.0,0.00%,F,F)



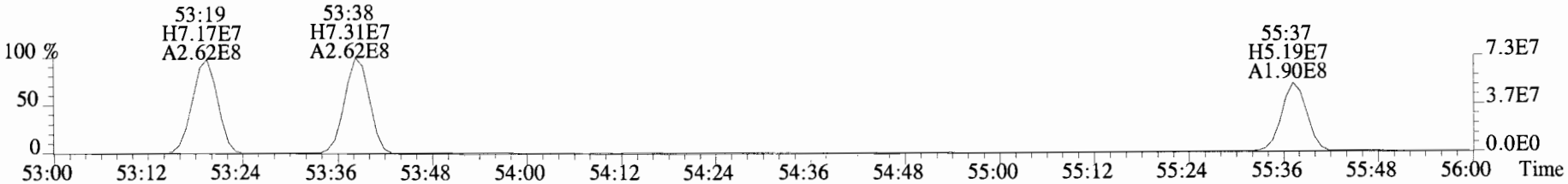
441.8008 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9748.0,0.00%,F,F)



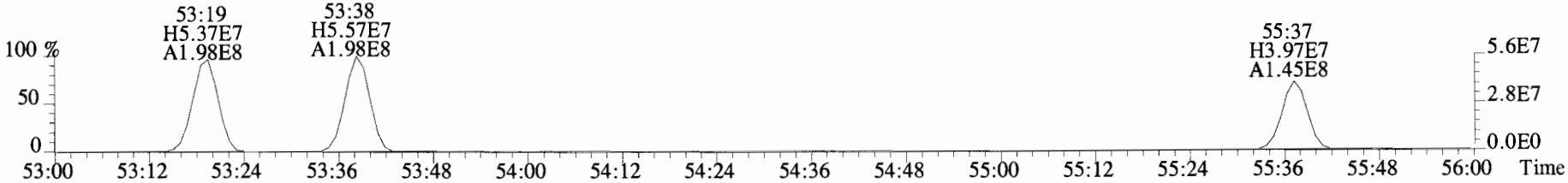
492.9697 S:5 F:5



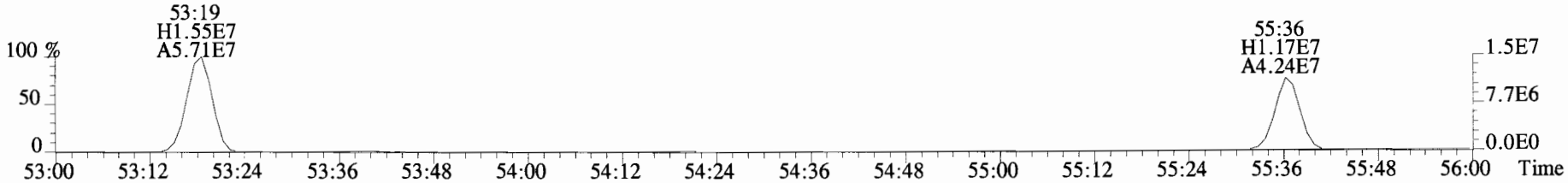
File:180208E1 #1-407 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
463.7216 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,229276.0,0.00%,F,F)



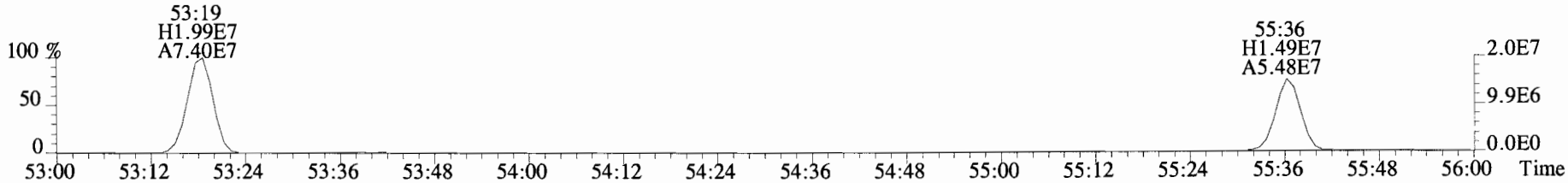
465.7186 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,174376.0,0.00%,F,F)



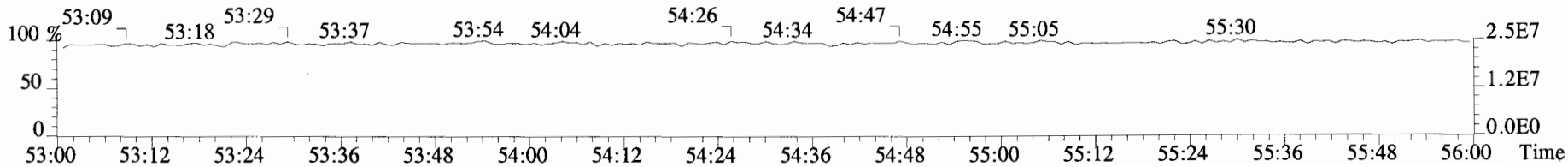
473.7648 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37356.0,0.00%,F,F)



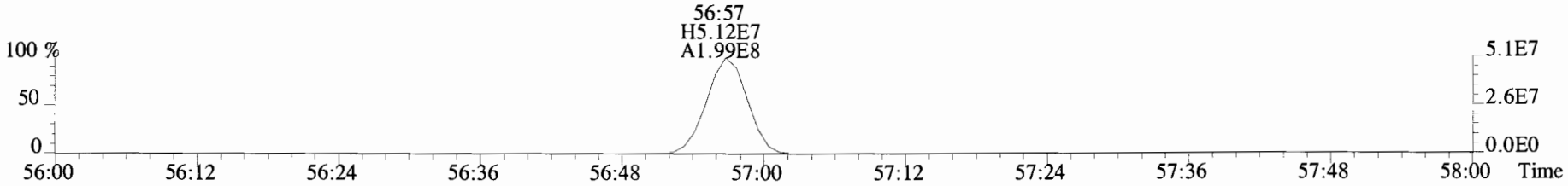
475.7619 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,47388.0,0.00%,F,F)



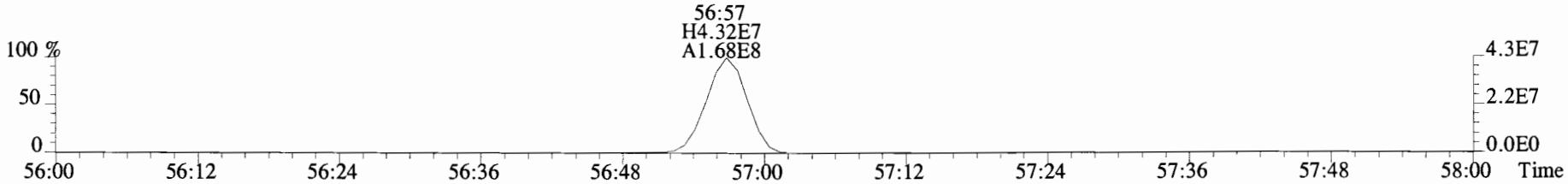
492.9697 S:5 F:5



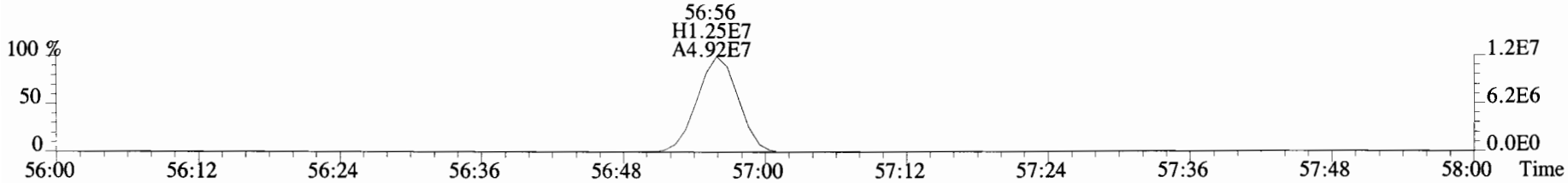
File:180208E1 #1-407 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
497.6826 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1776.0,0.00%,F,F)



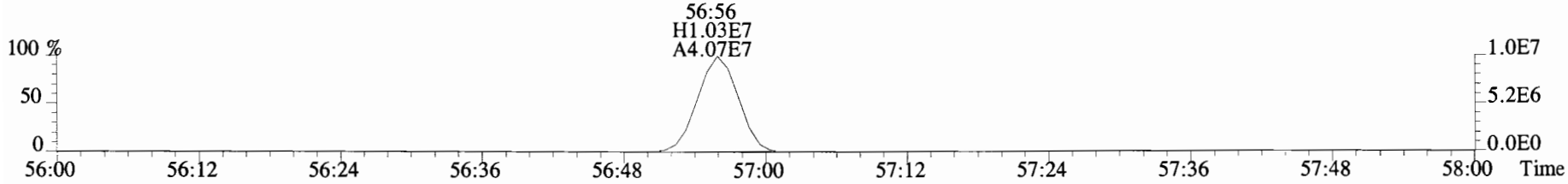
499.6797 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1780.0,0.00%,F,F)



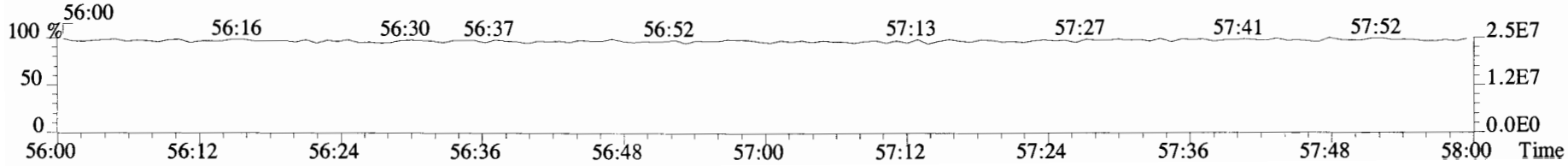
509.7229 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1792.0,0.00%,F,F)



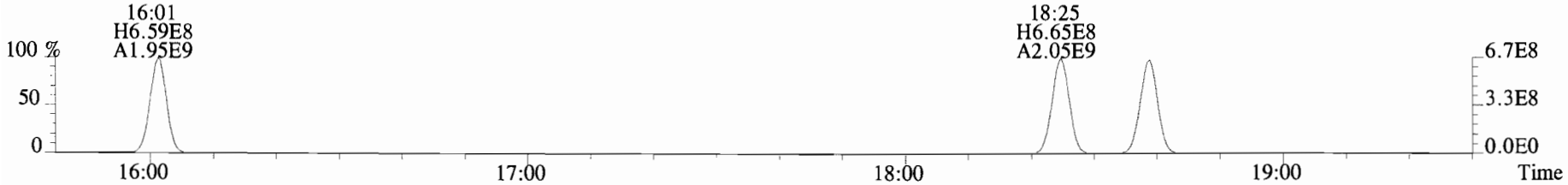
511.7199 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1656.0,0.00%,F,F)



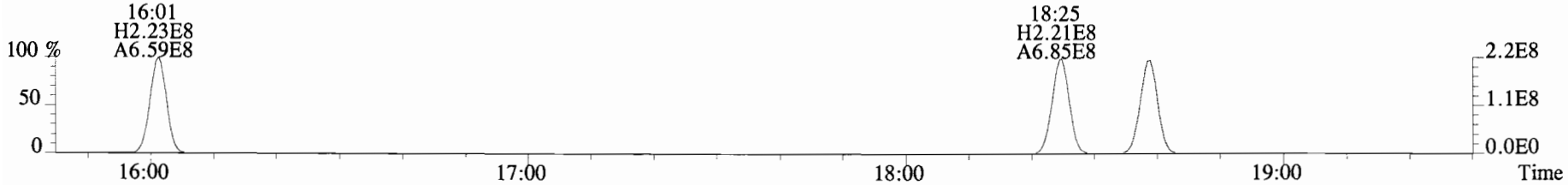
492.9697 S:5 F:5



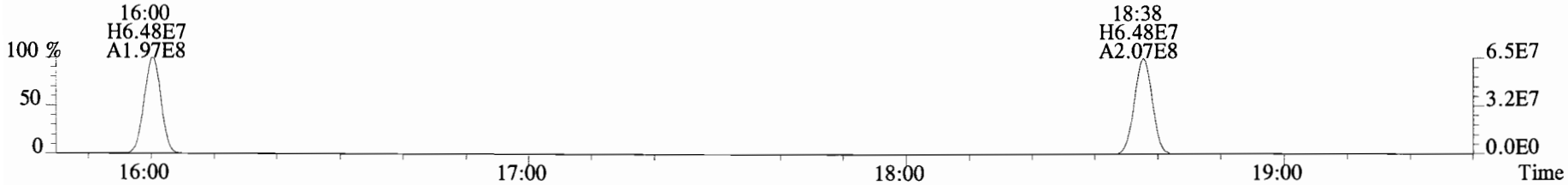
File:180208E1 #1-867 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
188.0393 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13676.0,0.00%,F,F)



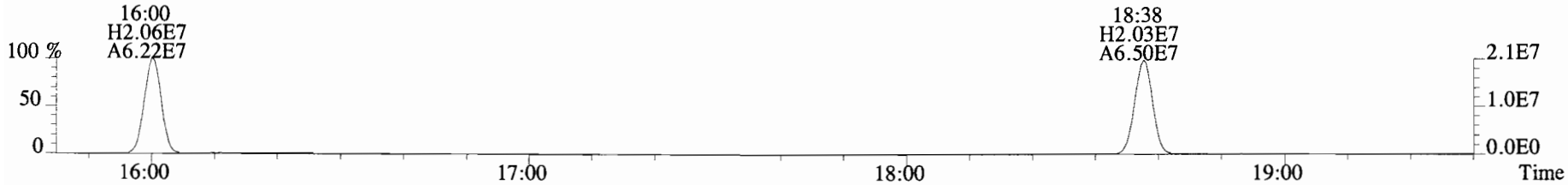
190.0363 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8128.0,0.00%,F,F)



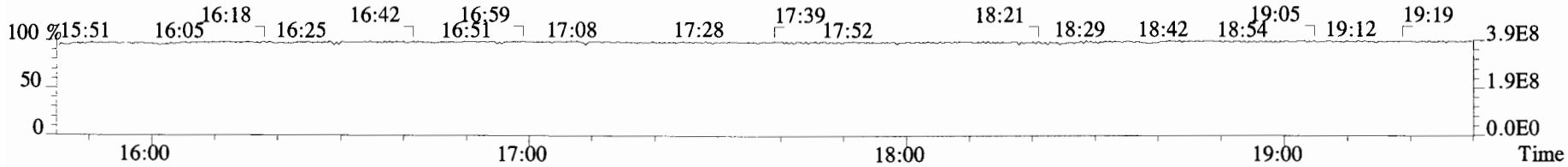
200.0795 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7876.0,0.00%,F,F)



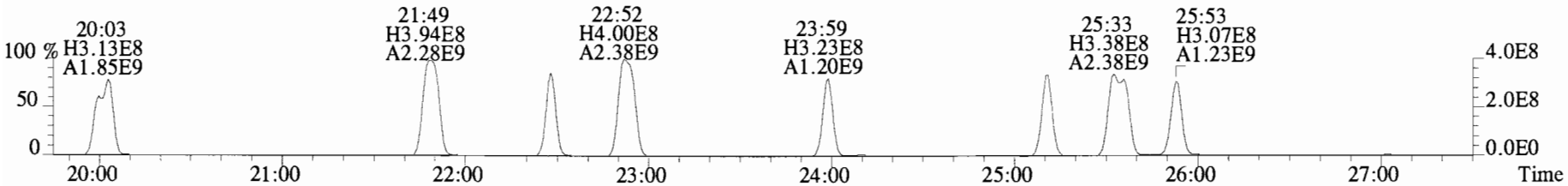
202.0766 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,40796.0,0.00%,F,F)



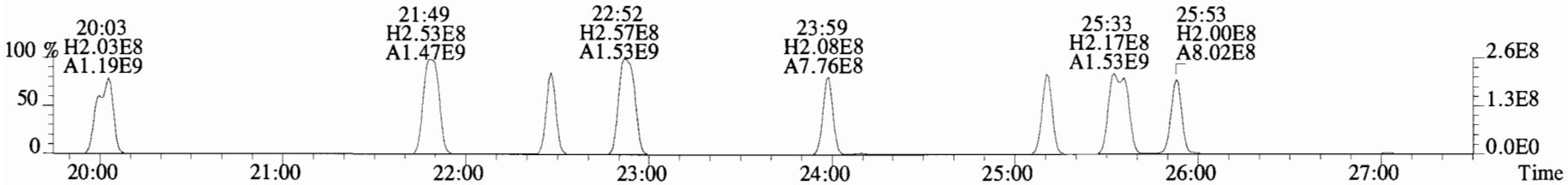
180.9880 S:6



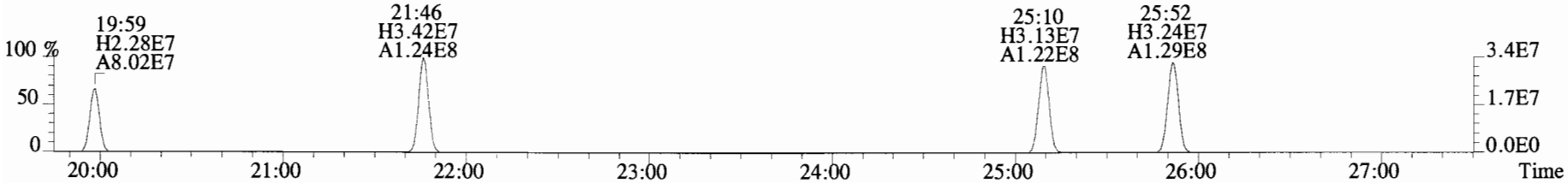
File:180208E1 #1-757 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
222.0003 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,105088.0,0.00%,F,F)



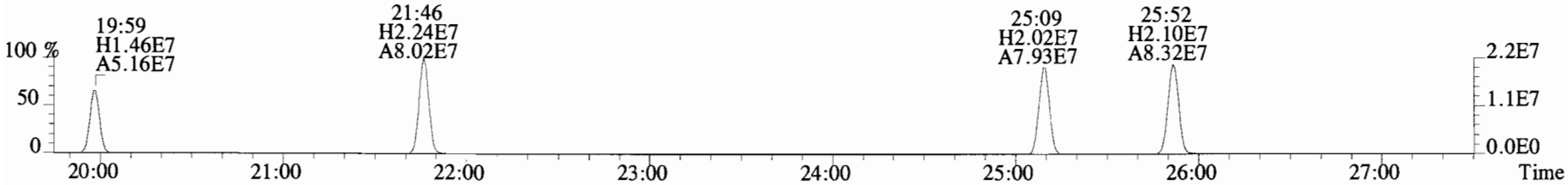
223.9974 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,63132.0,0.00%,F,F)



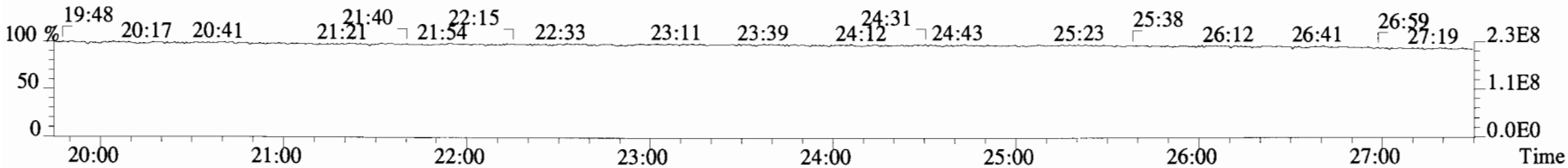
234.0406 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5376.0,0.00%,F,F)



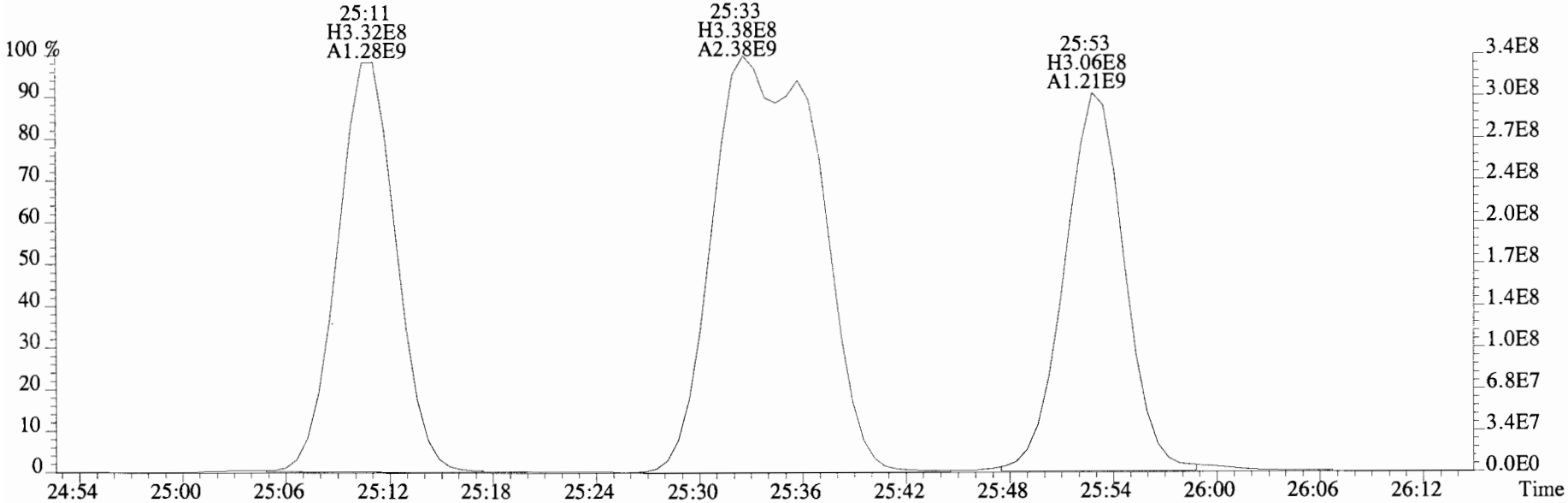
236.0376 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5360.0,0.00%,F,F)



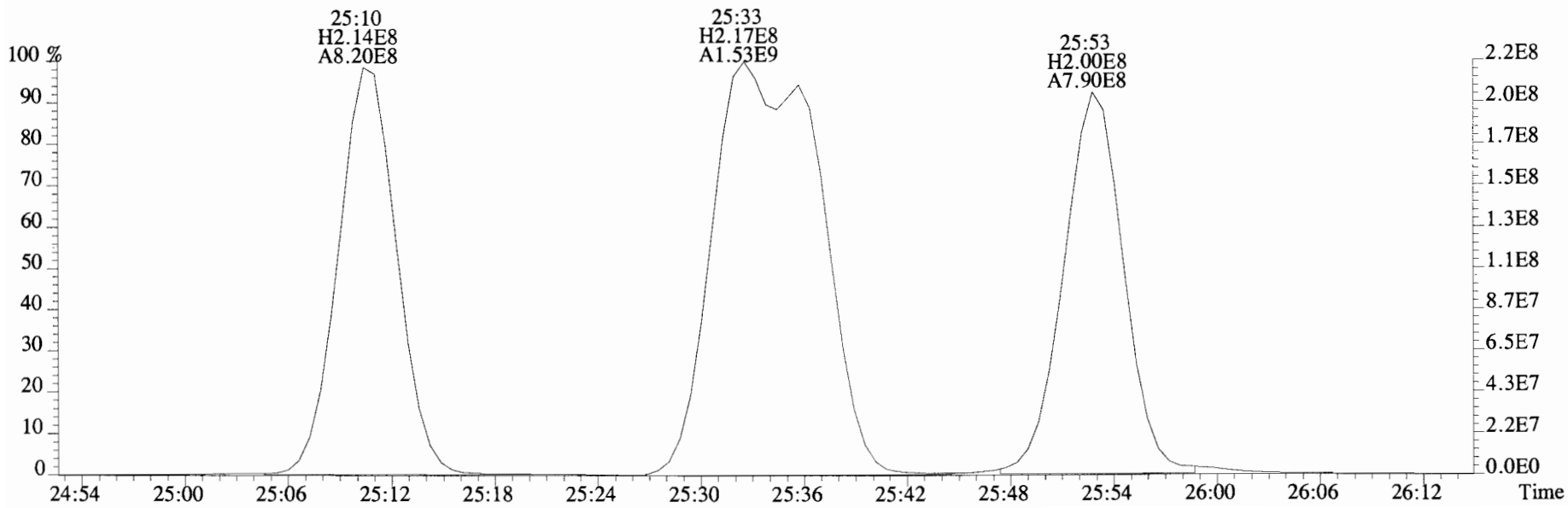
230.9856 S:6 F:2



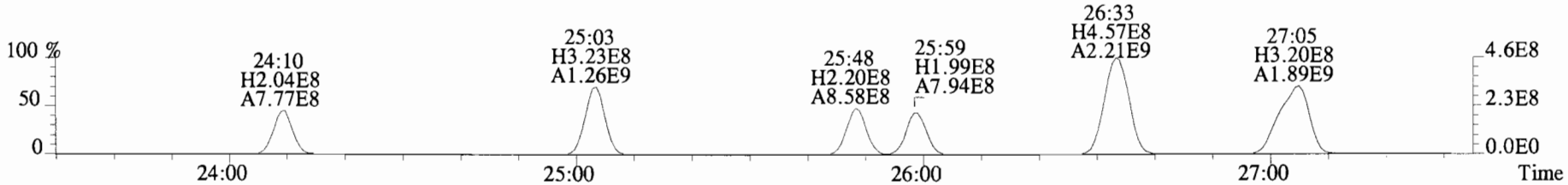
File:180208E1 #1-757 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
222.0003 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,105088.0,0.00%,F,F)



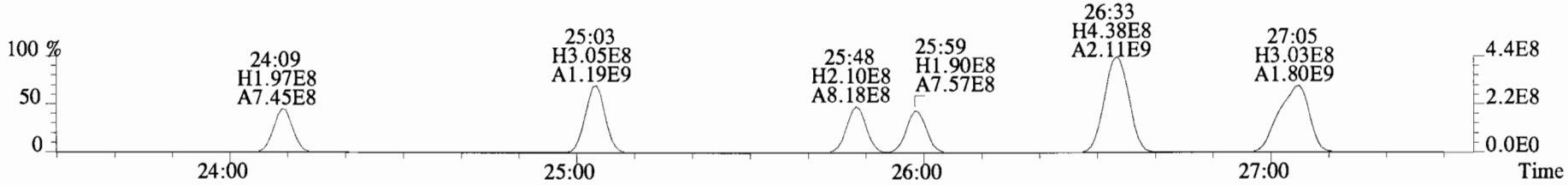
223.9974 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,63132.0,0.00%,F,F)



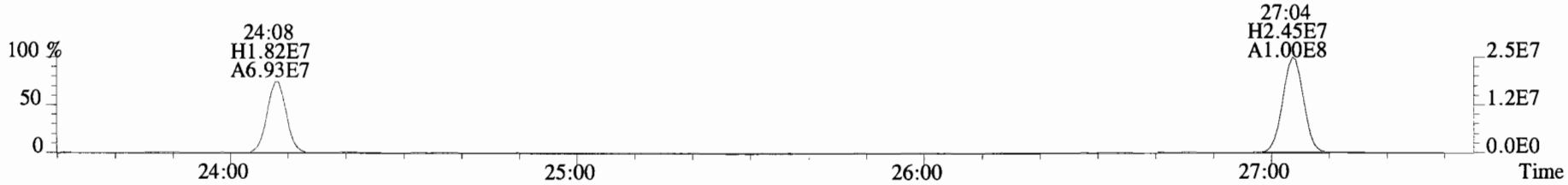
File:180208E1 #1-757 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
255.9613 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4416.0,0.00%,F,F)



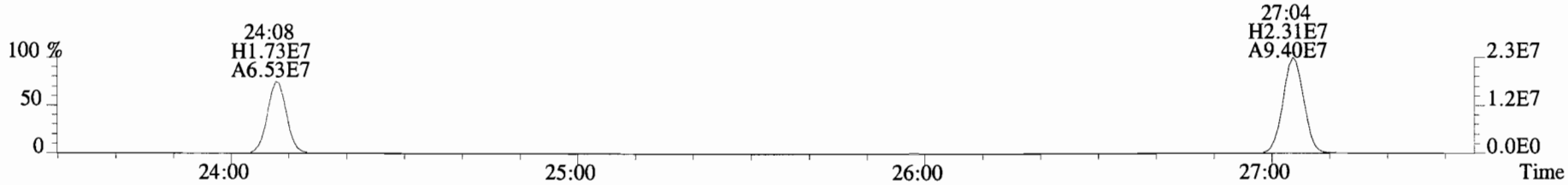
257.9584 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3504.0,0.00%,F,F)



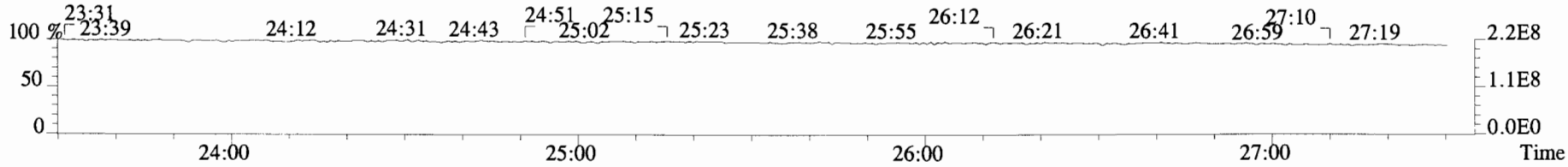
268.0016 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,90196.0,0.00%,F,F)



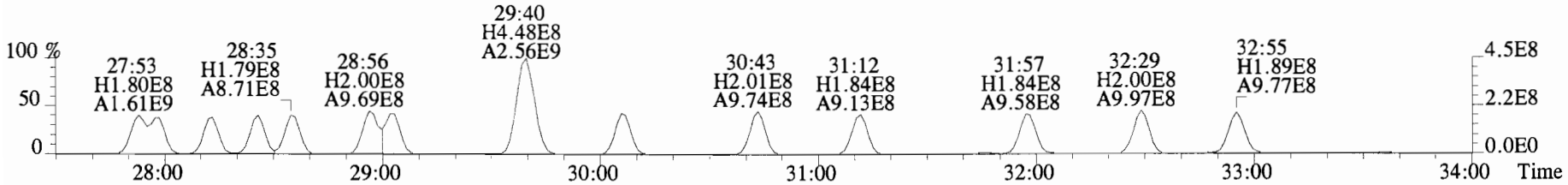
269.9986 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38764.0,0.00%,F,F)



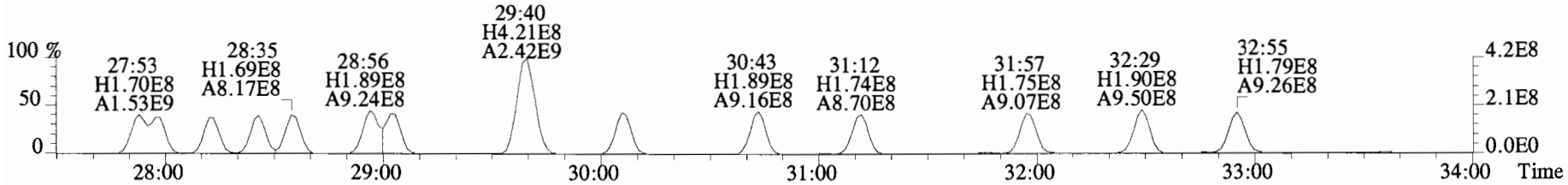
230.9856 S:6 F:2



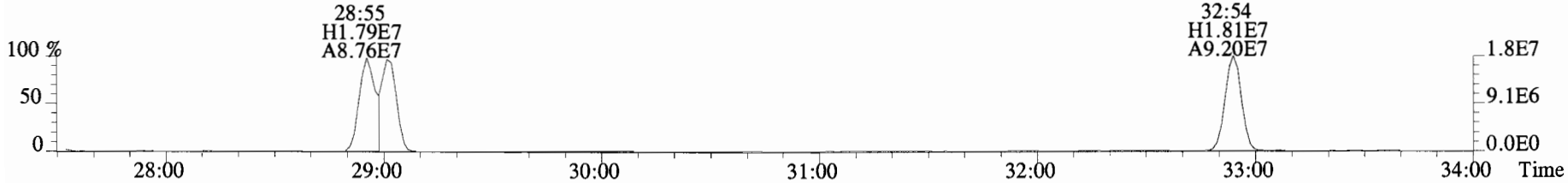
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
255.9613 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,213976.0,0.00%,F,F)



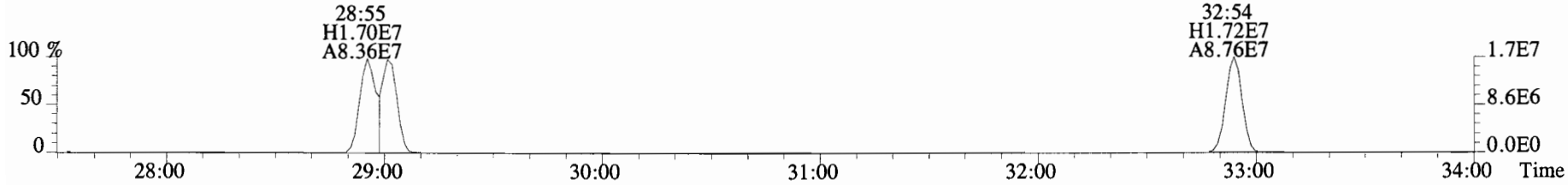
257.9584 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,176416.0,0.00%,F,F)



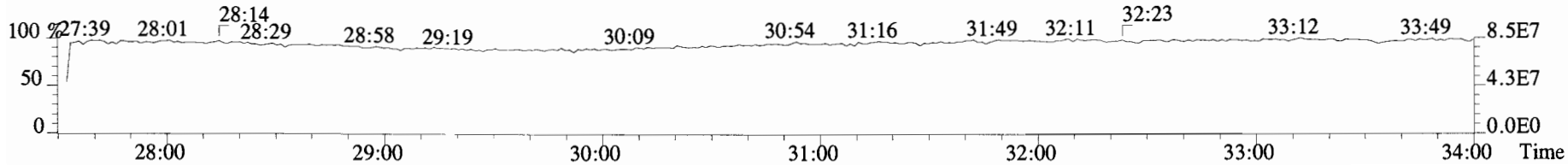
268.0016 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,63432.0,0.00%,F,F)



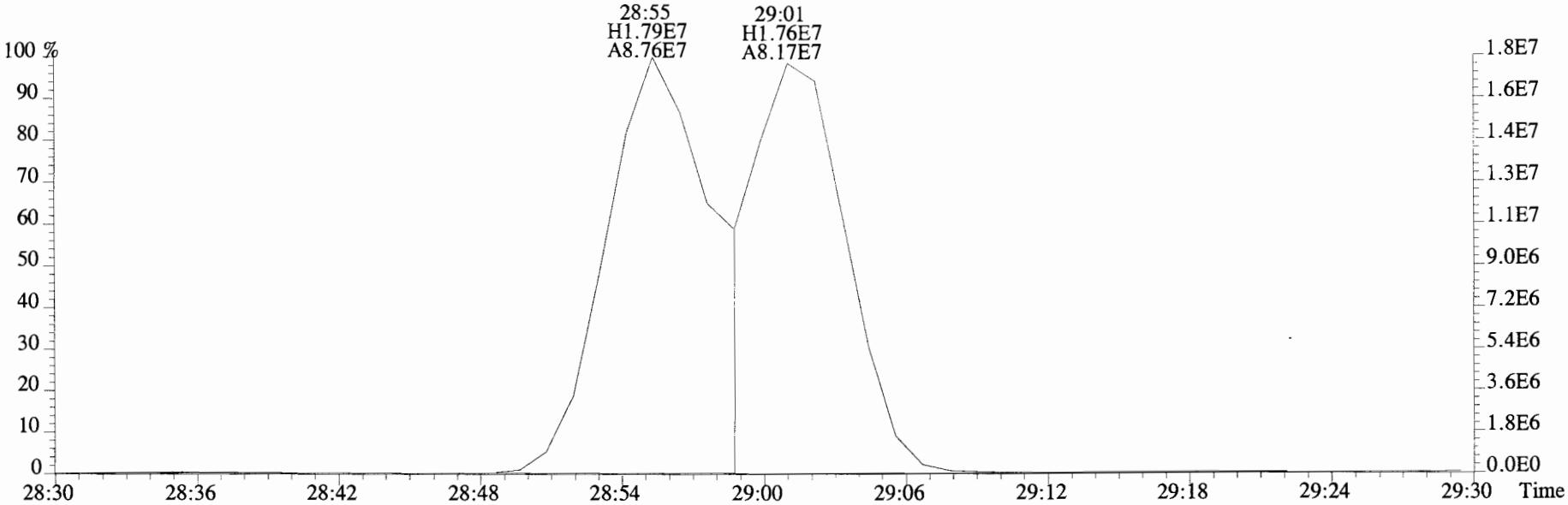
269.9986 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25116.0,0.00%,F,F)



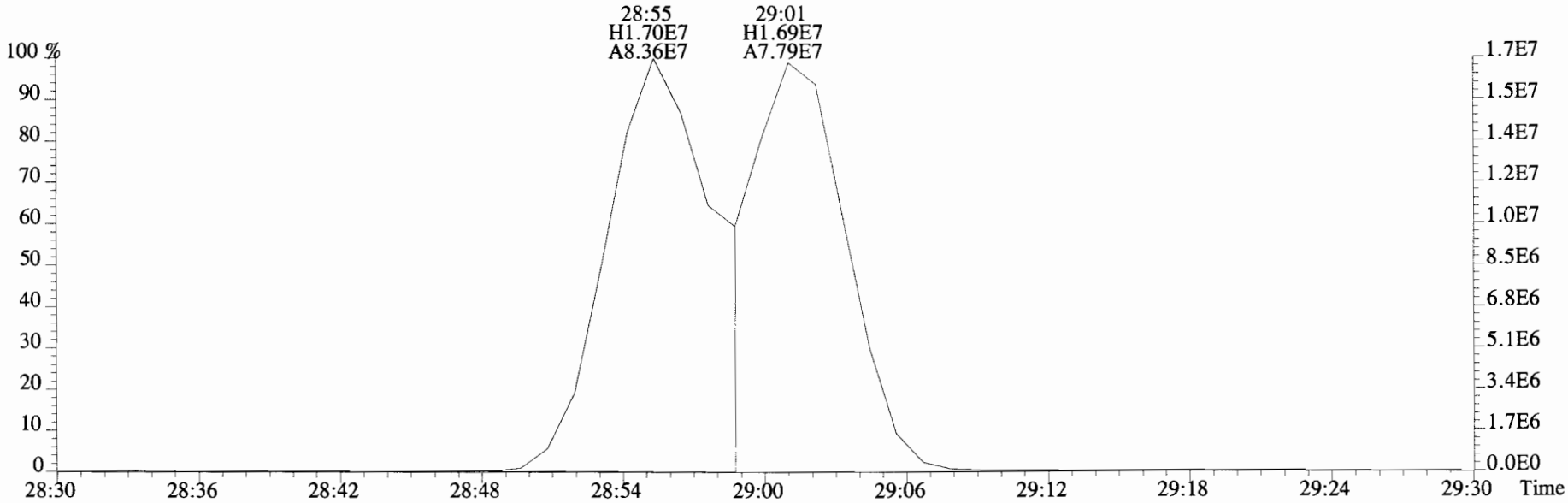
330.9792 S:6 F:3



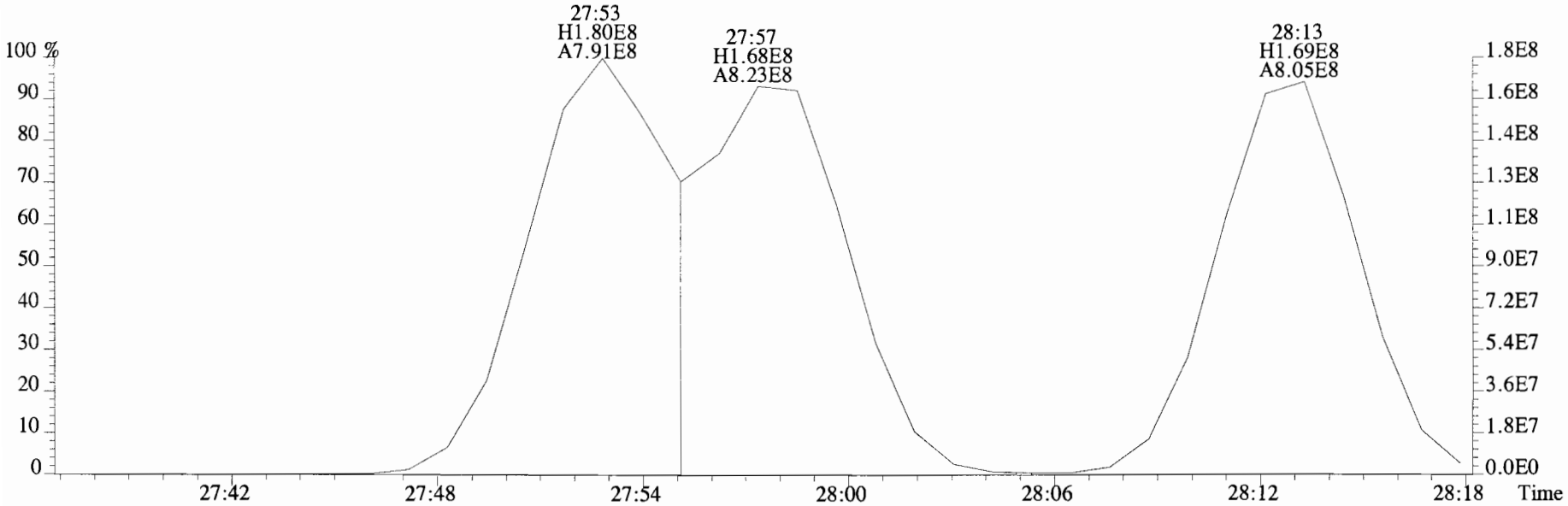
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
268.0016 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,63432.0,0.00%,F,F)



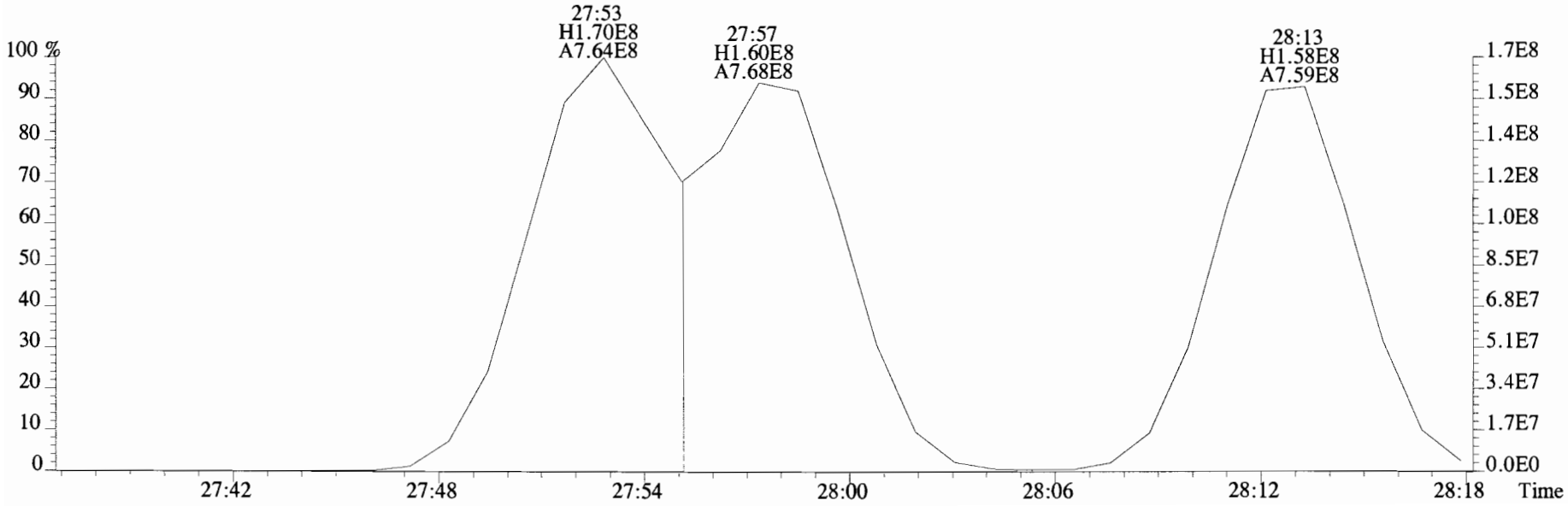
269.9986 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25116.0,0.00%,F,F)



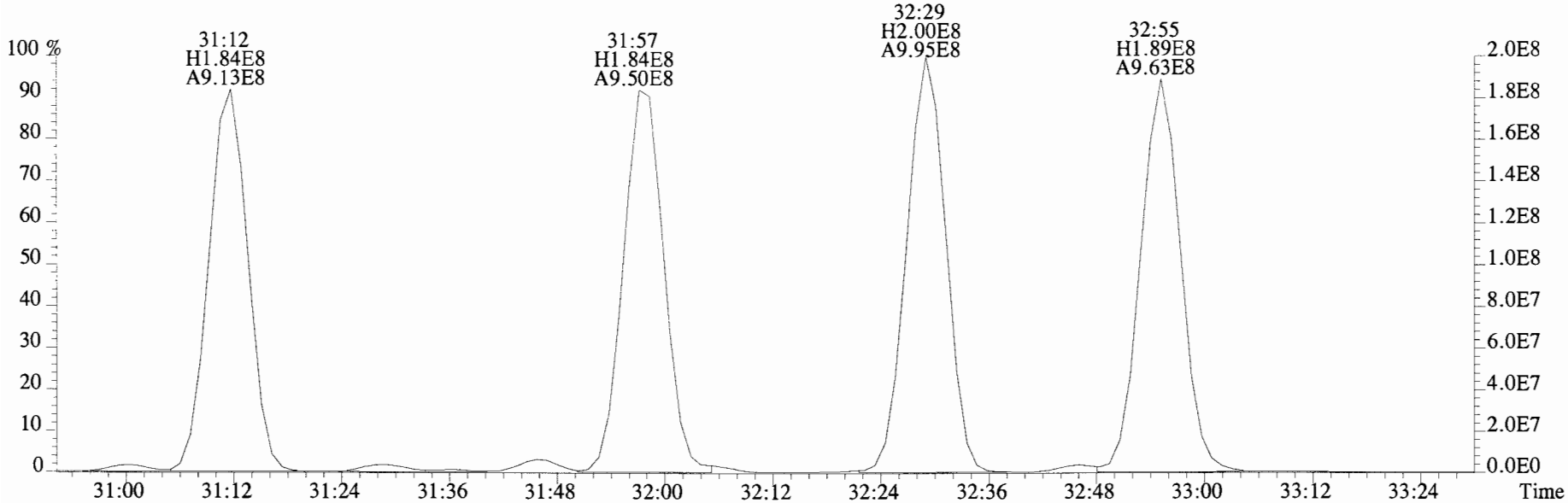
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
255.9613 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,213976.0,0.00%,F,F)



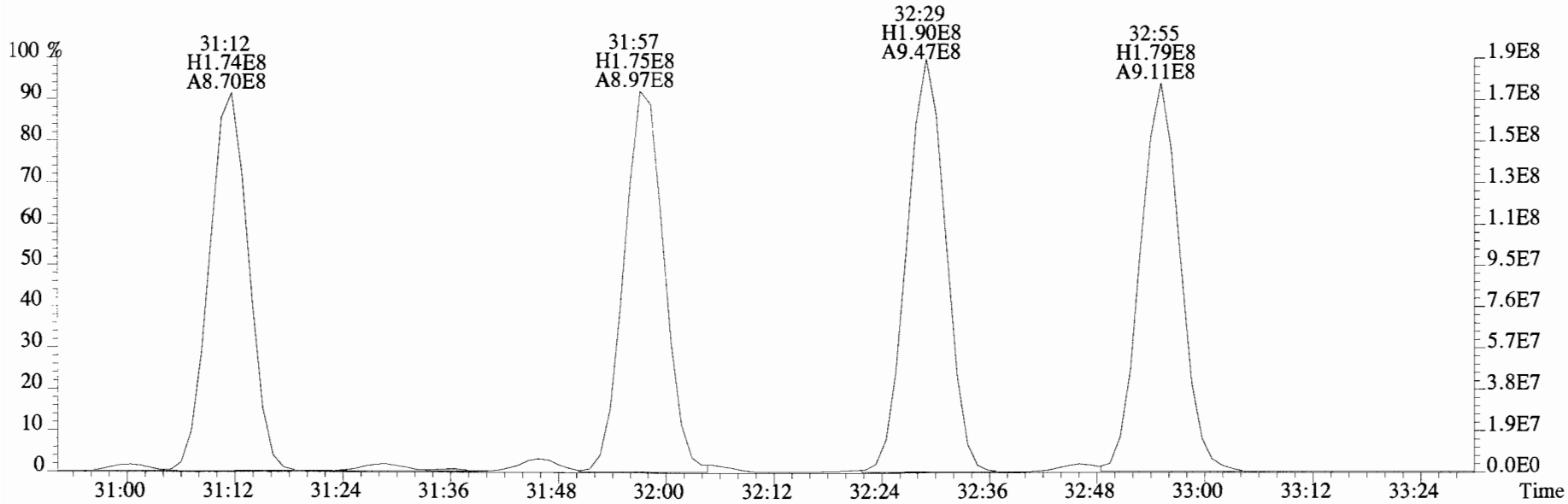
257.9584 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,176416.0,0.00%,F,F)



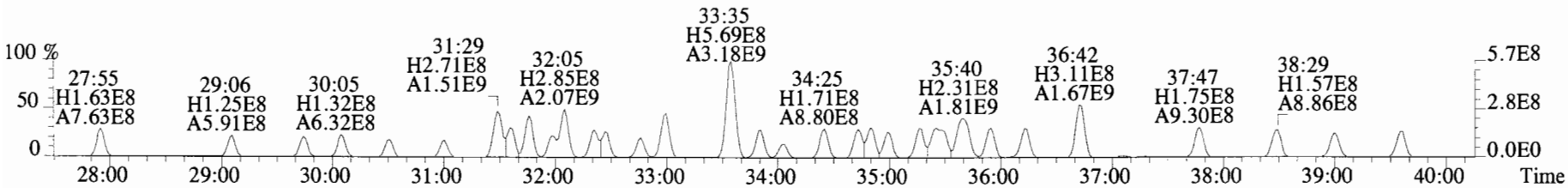
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
255.9613 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,213976.0,0.00%,F,F)



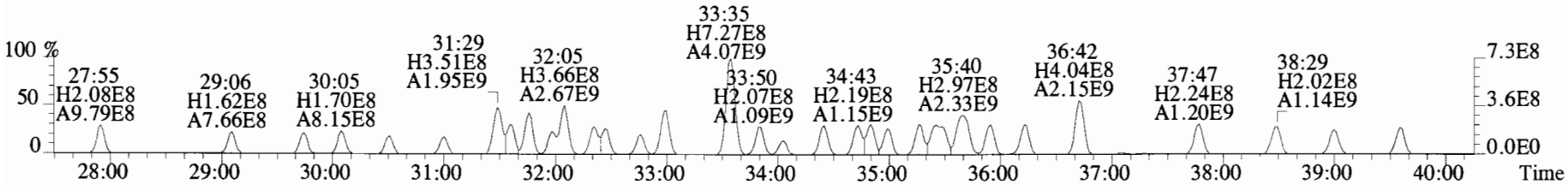
257.9584 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,176416.0,0.00%,F,F)



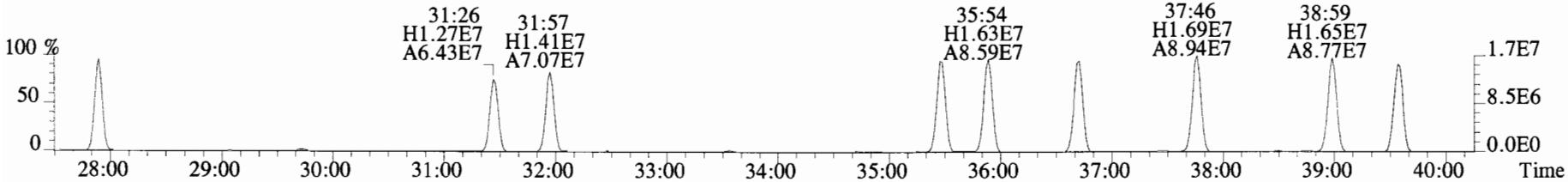
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,258380.0,0.00%,F,F)



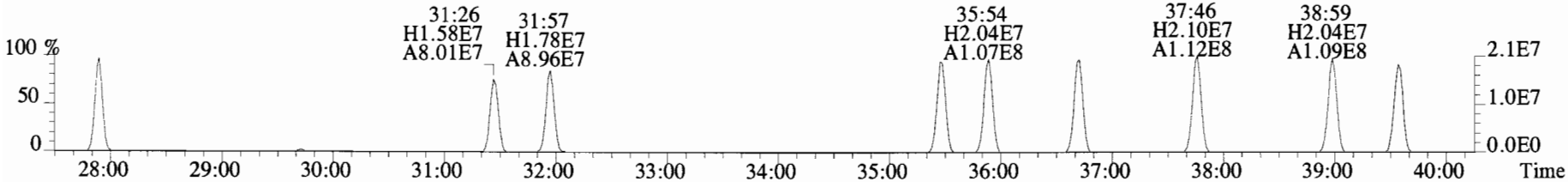
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,148624.0,0.00%,F,F)



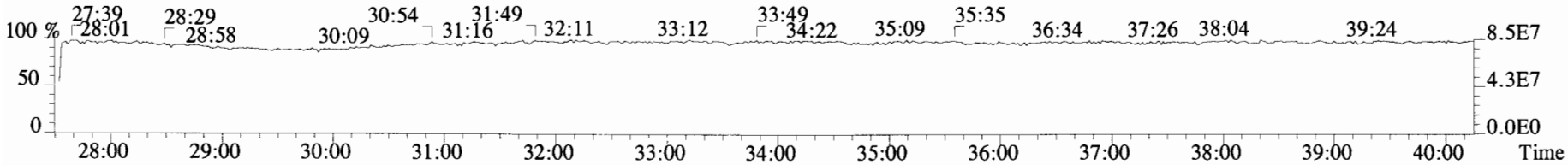
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35976.0,0.00%,F,F)



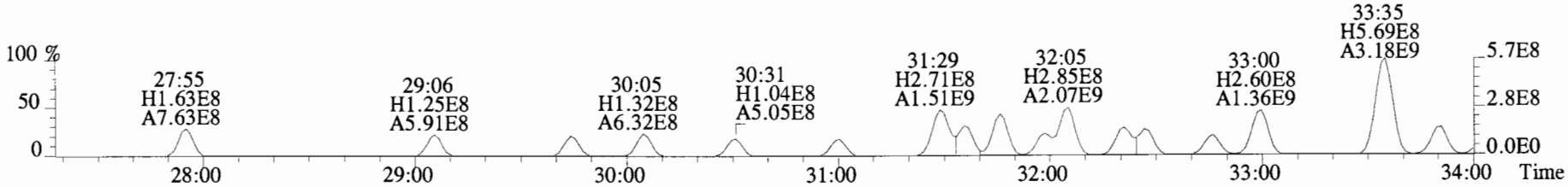
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23044.0,0.00%,F,F)



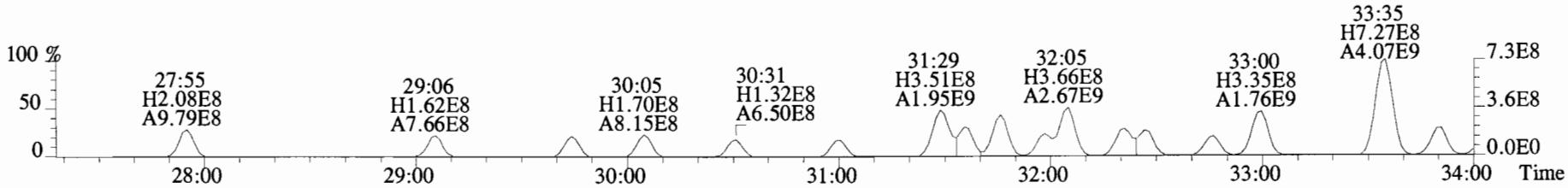
330.9792 S:6 F:3



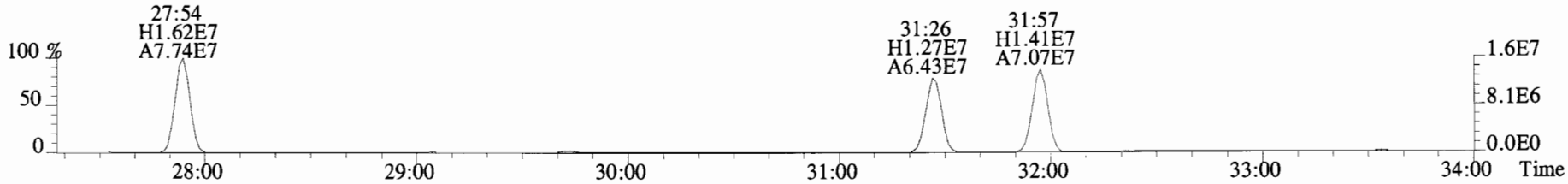
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,258380.0,0.00%,F,F)



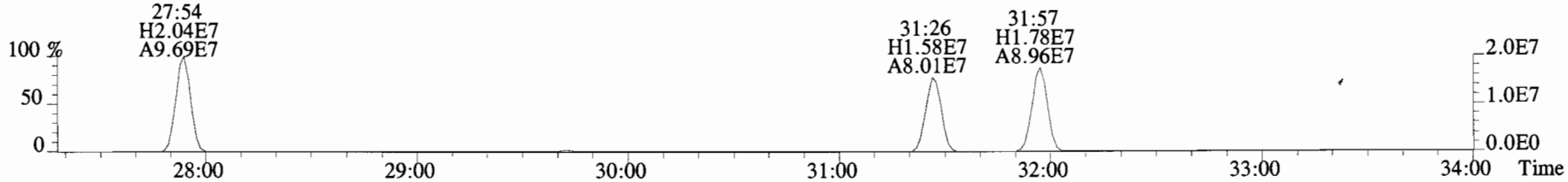
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,148624.0,0.00%,F,F)



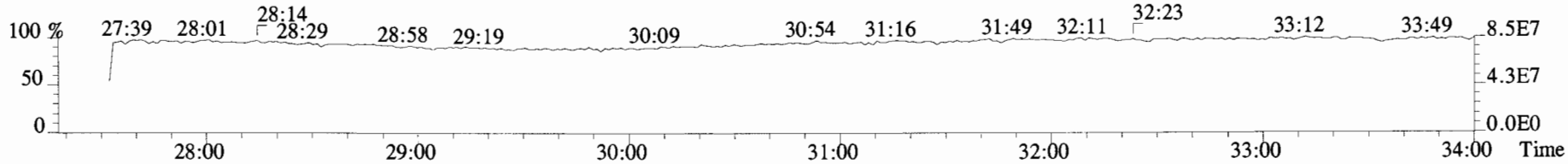
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35976.0,0.00%,F,F)



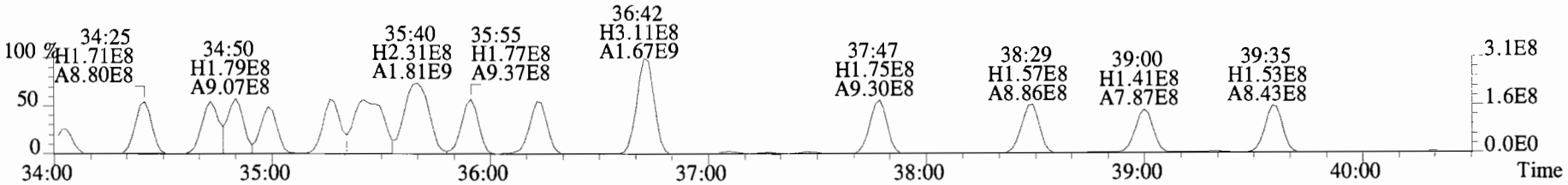
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23044.0,0.00%,F,F)



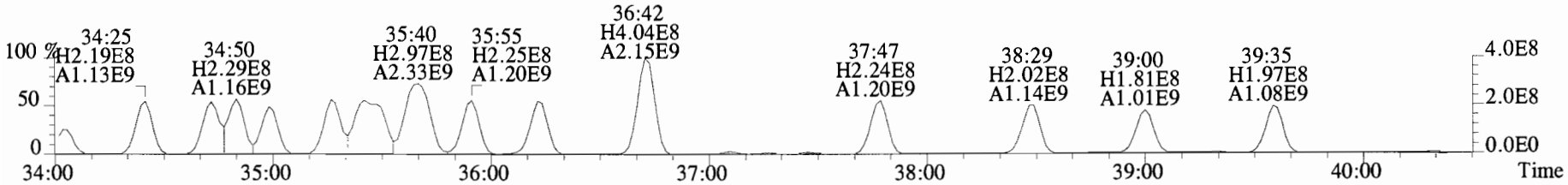
330.9792 S:6 F:3



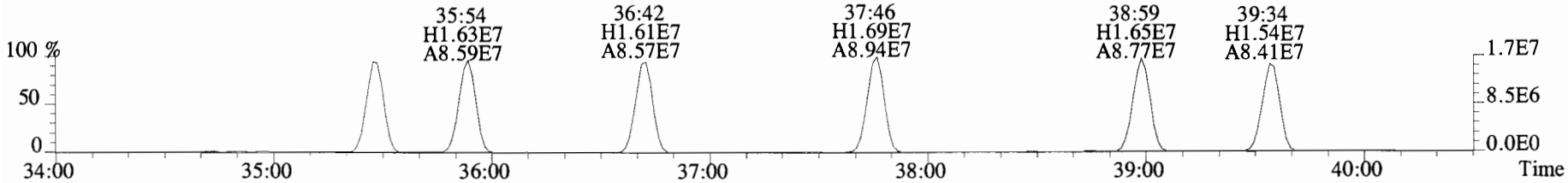
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,258380.0,0.00%,F,F)



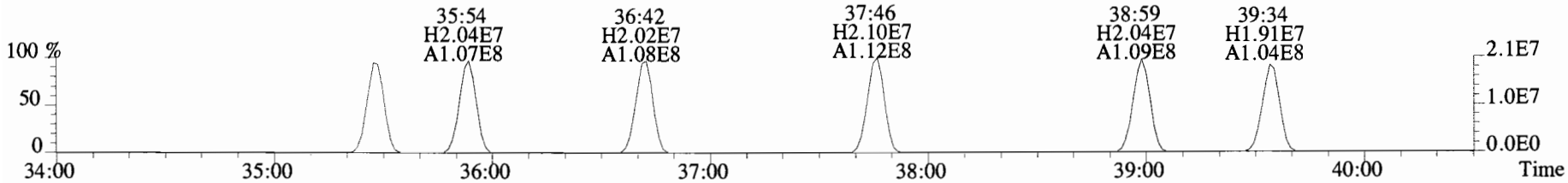
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,148624.0,0.00%,F,F)



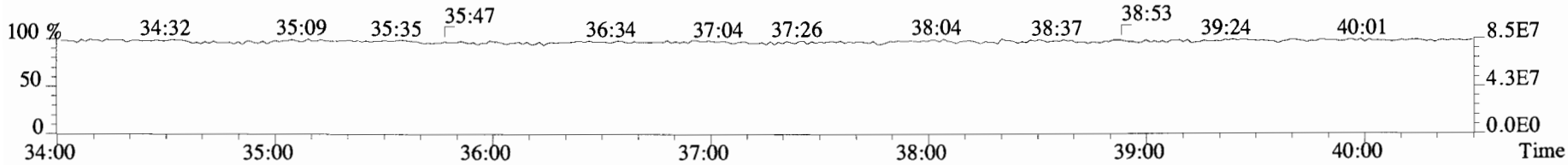
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35976.0,0.00%,F,F)



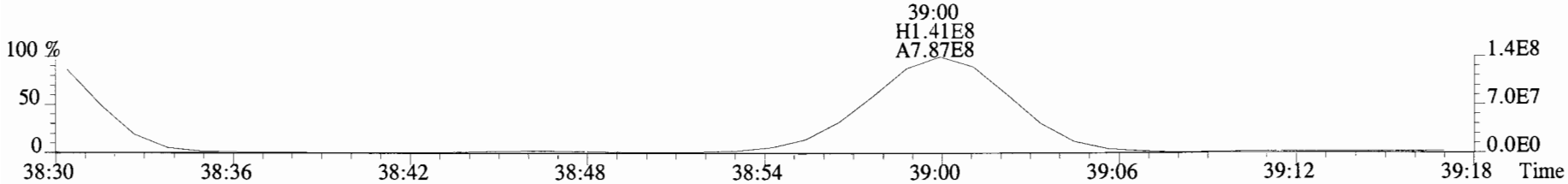
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23044.0,0.00%,F,F)



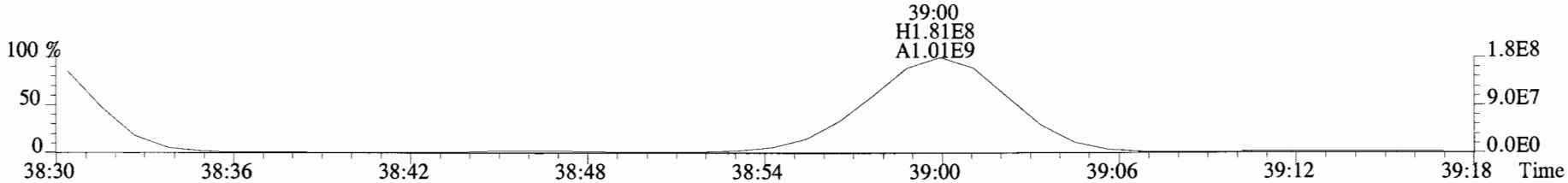
330.9792 S:6 F:3



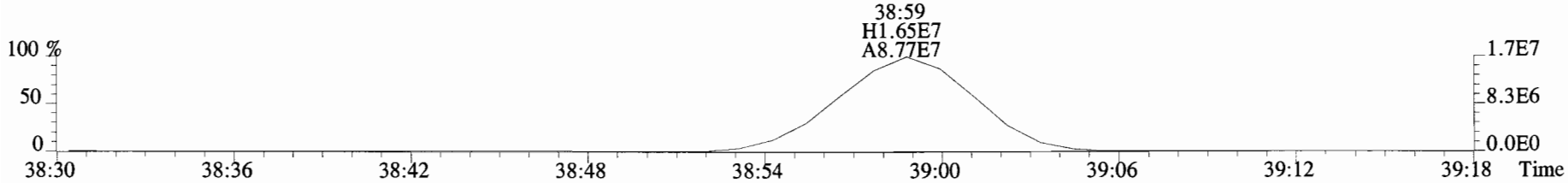
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,258380.0,0.00%,F,F)



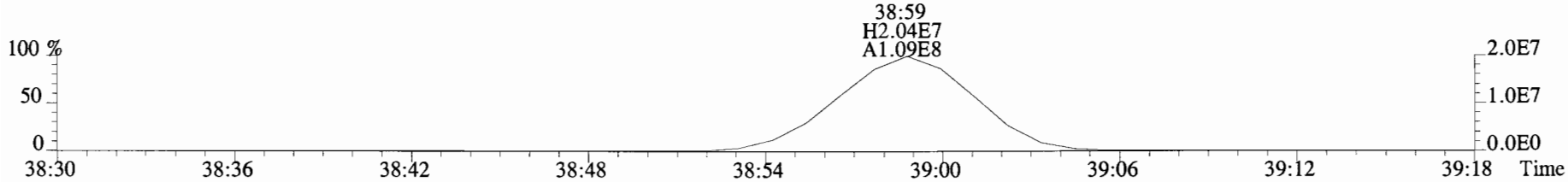
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,148624.0,0.00%,F,F)



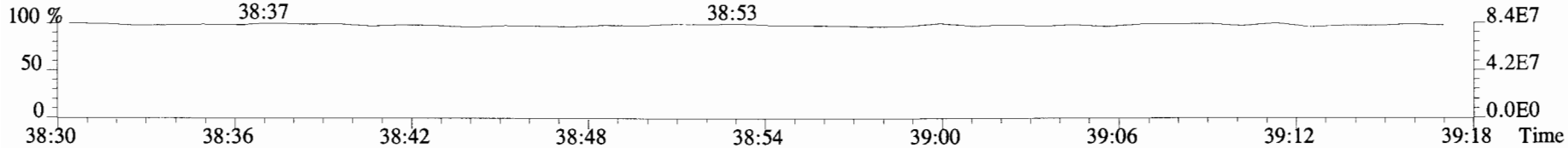
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35976.0,0.00%,F,F)



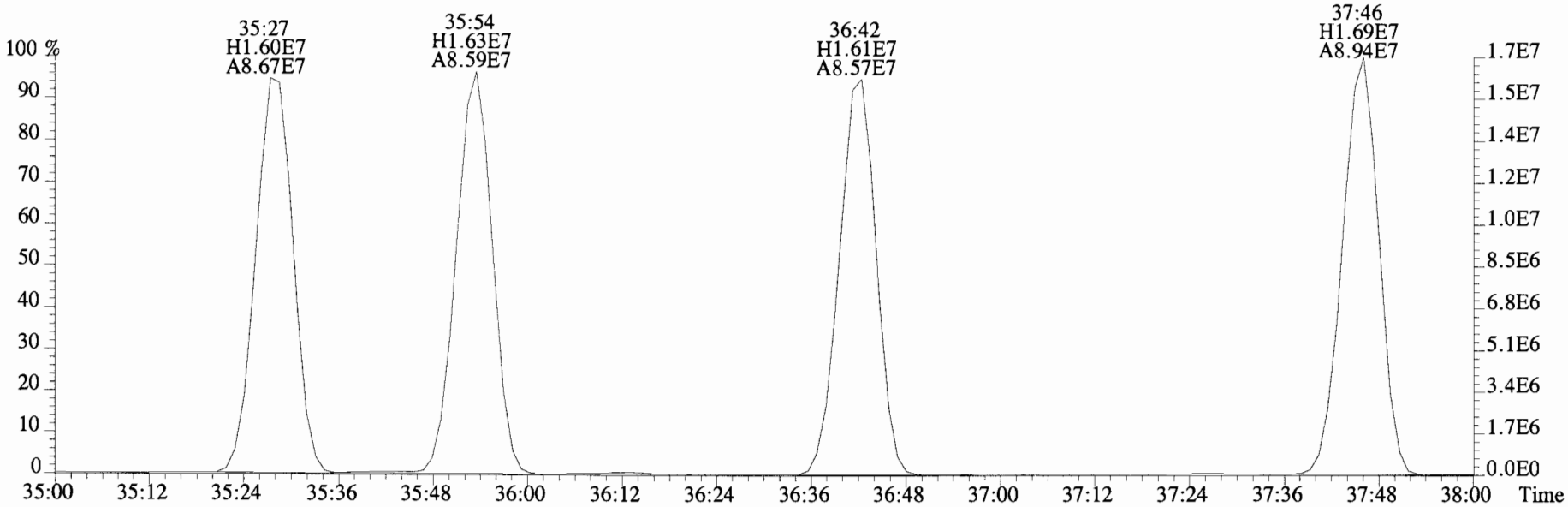
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23044.0,0.00%,F,F)



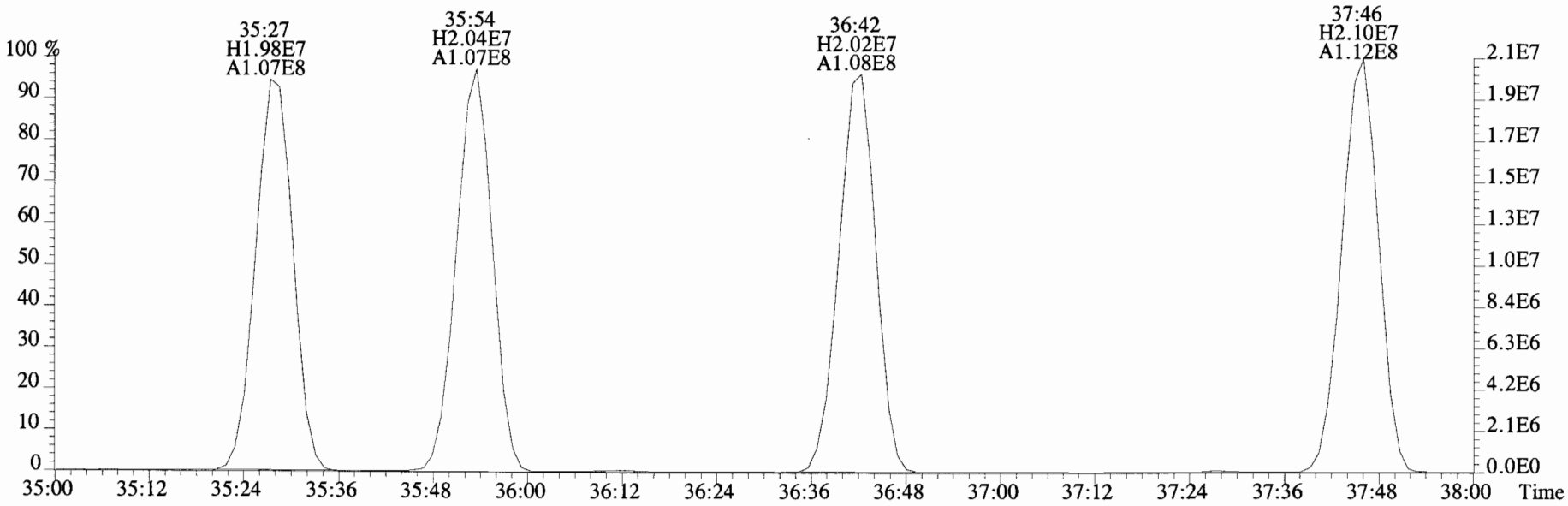
330.9792 S:6 F:3



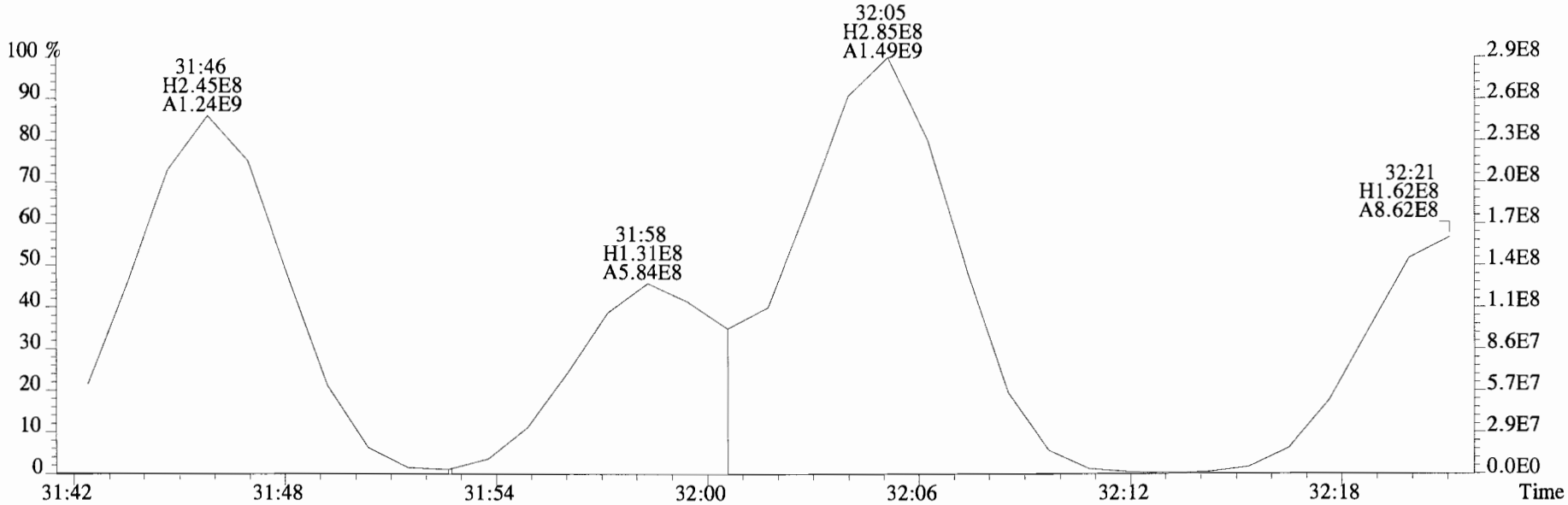
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35976.0,0.00%,F,F)



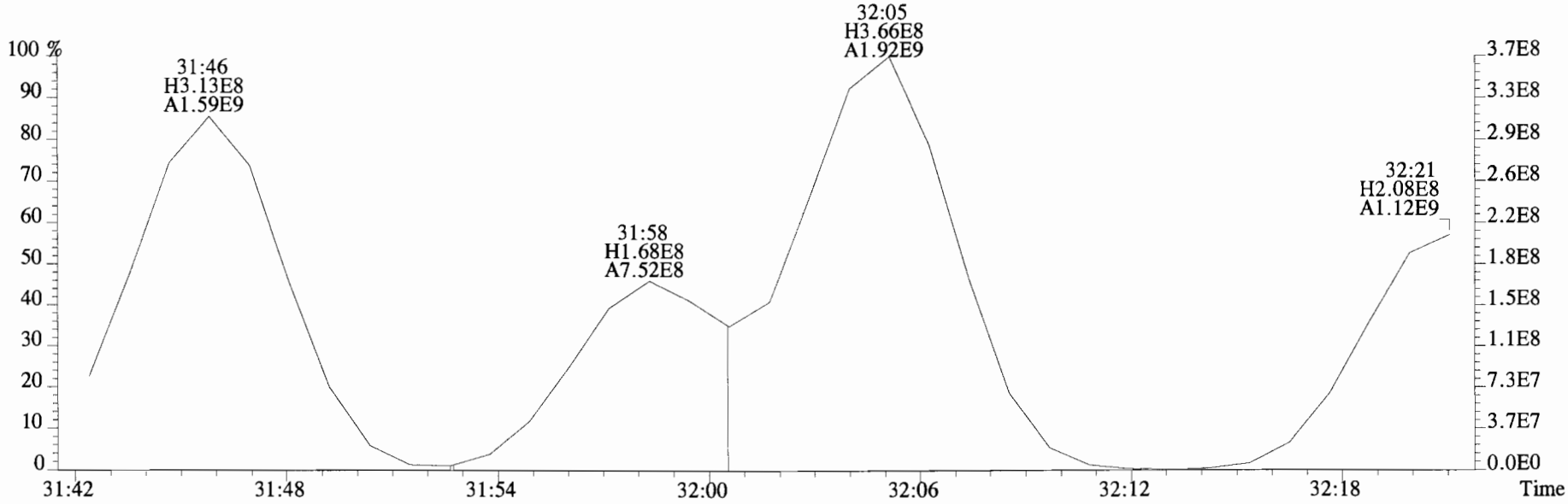
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23044.0,0.00%,F,F)



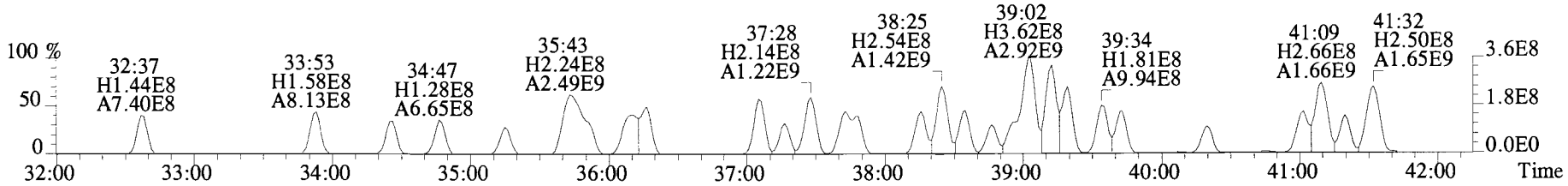
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,258380.0,0.00%,F,F)



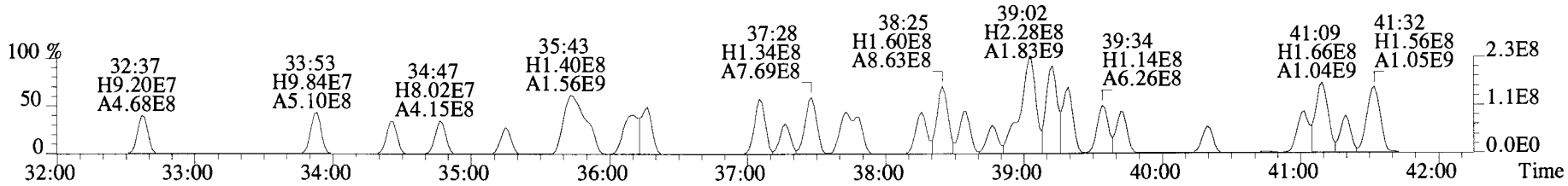
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,148624.0,0.00%,F,F)



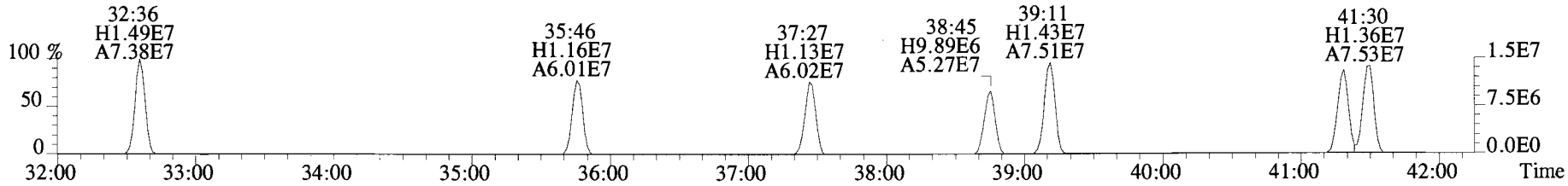
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12936.0,0.00%,F,F)



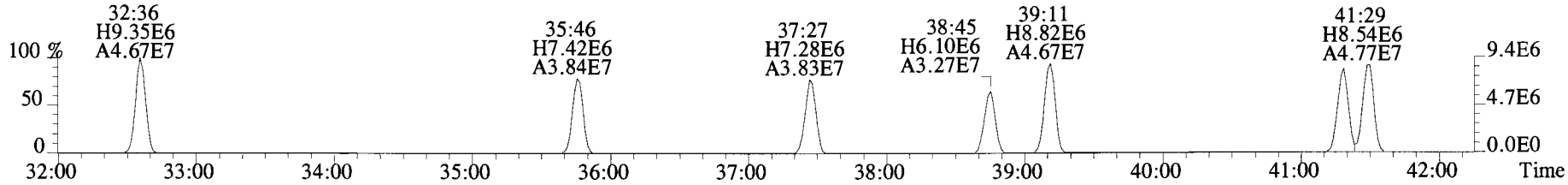
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6380.0,0.00%,F,F)



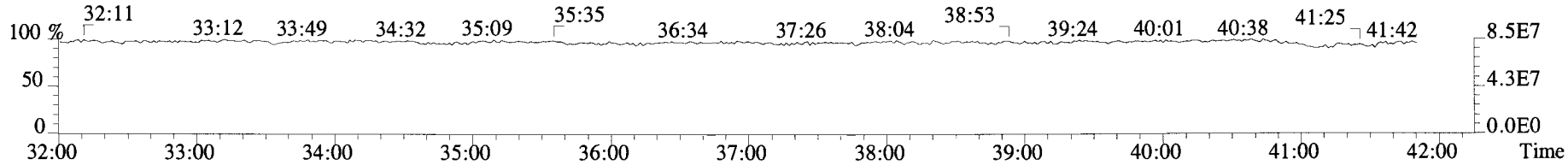
337.9207 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7344.0,0.00%,F,F)



339.9177 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7576.0,0.00%,F,F)

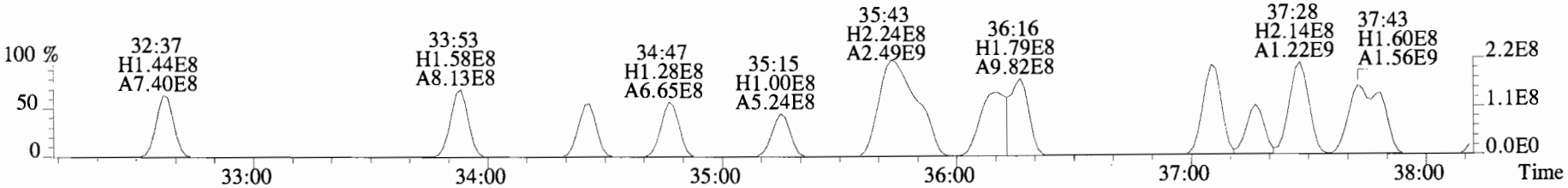


330.9792 S:6 F:3

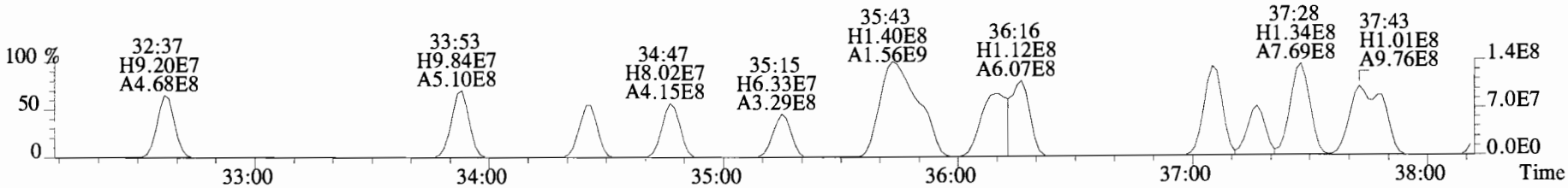


File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1

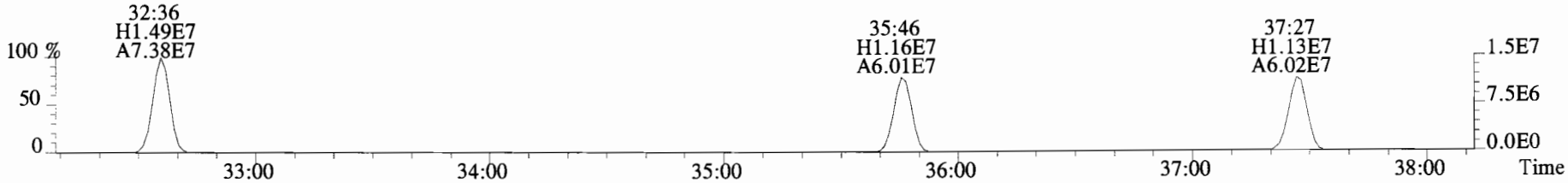
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12936.0,0.00%,F,F)



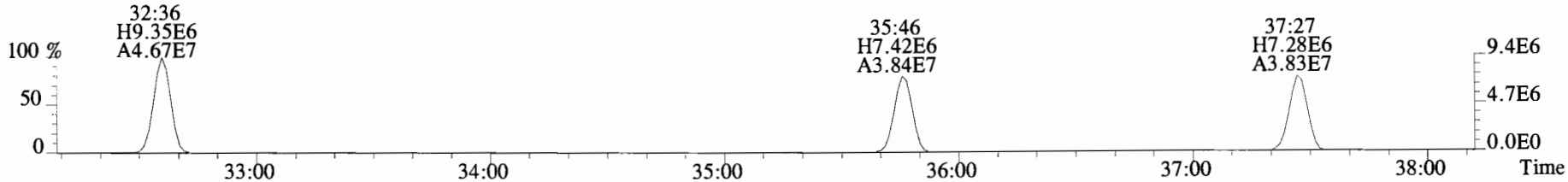
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6380.0,0.00%,F,F)



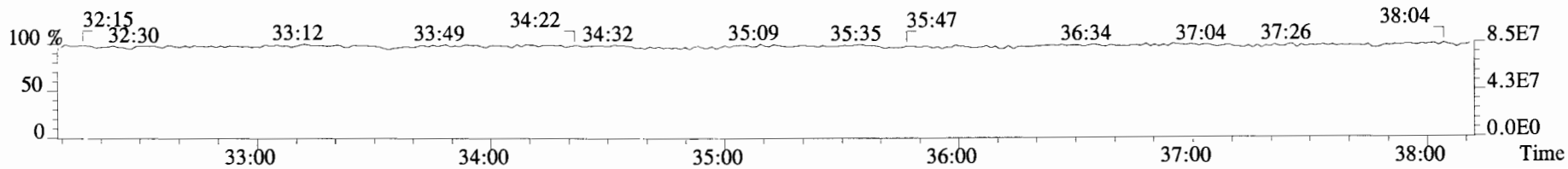
337.9207 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7344.0,0.00%,F,F)



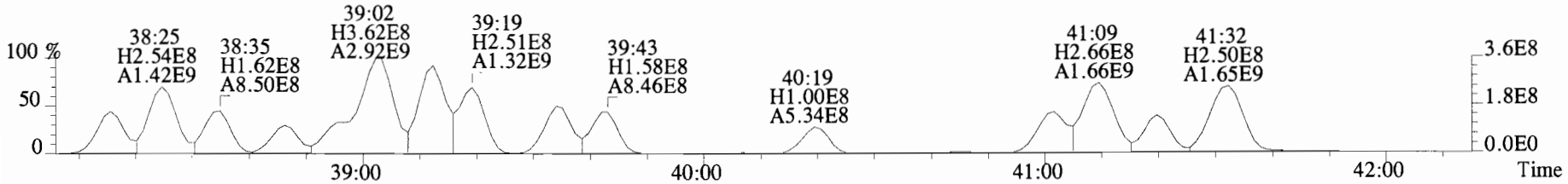
339.9177 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7576.0,0.00%,F,F)



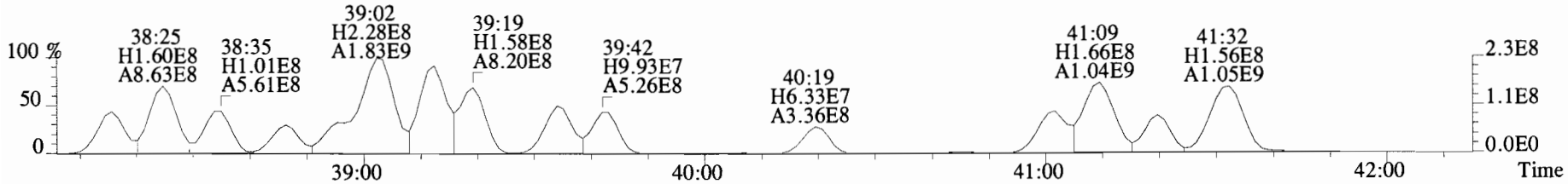
330.9792 S:6 F:3



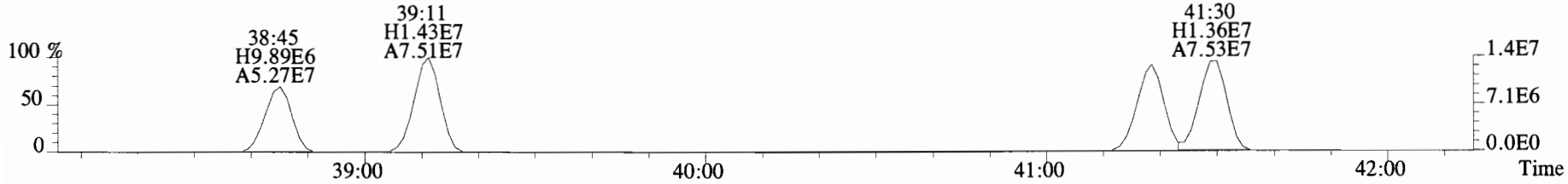
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12936.0,0.00%,F,F)



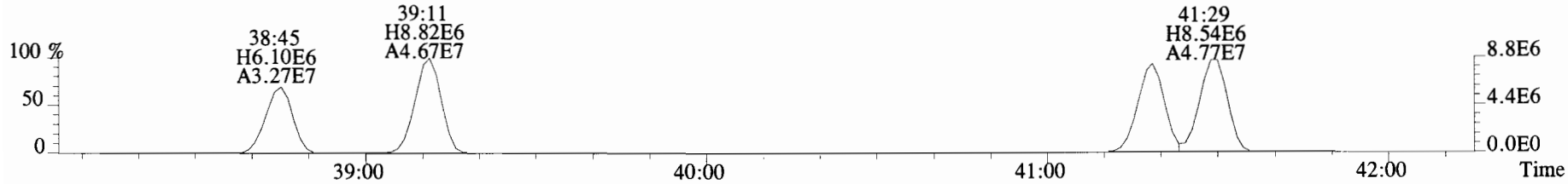
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6380.0,0.00%,F,F)



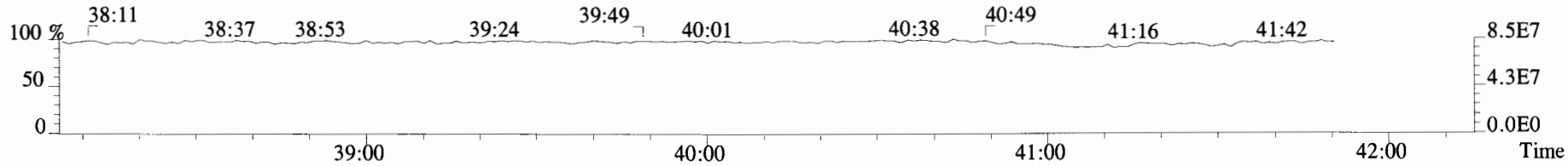
337.9207 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7344.0,0.00%,F,F)



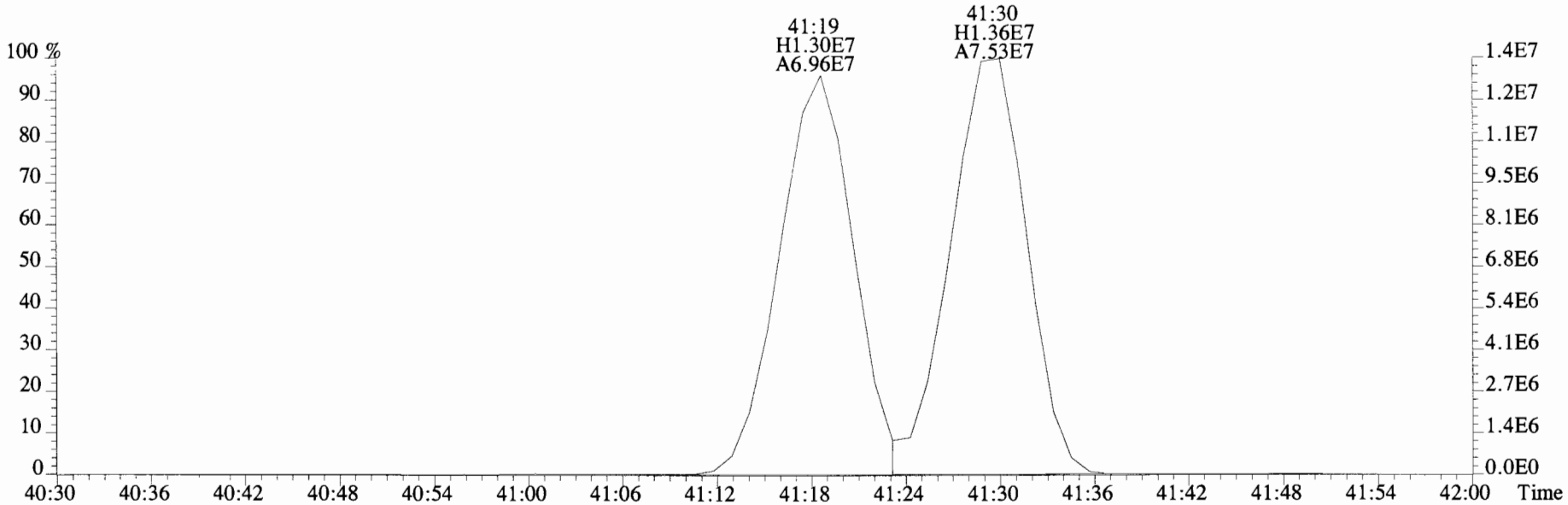
339.9177 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7576.0,0.00%,F,F)



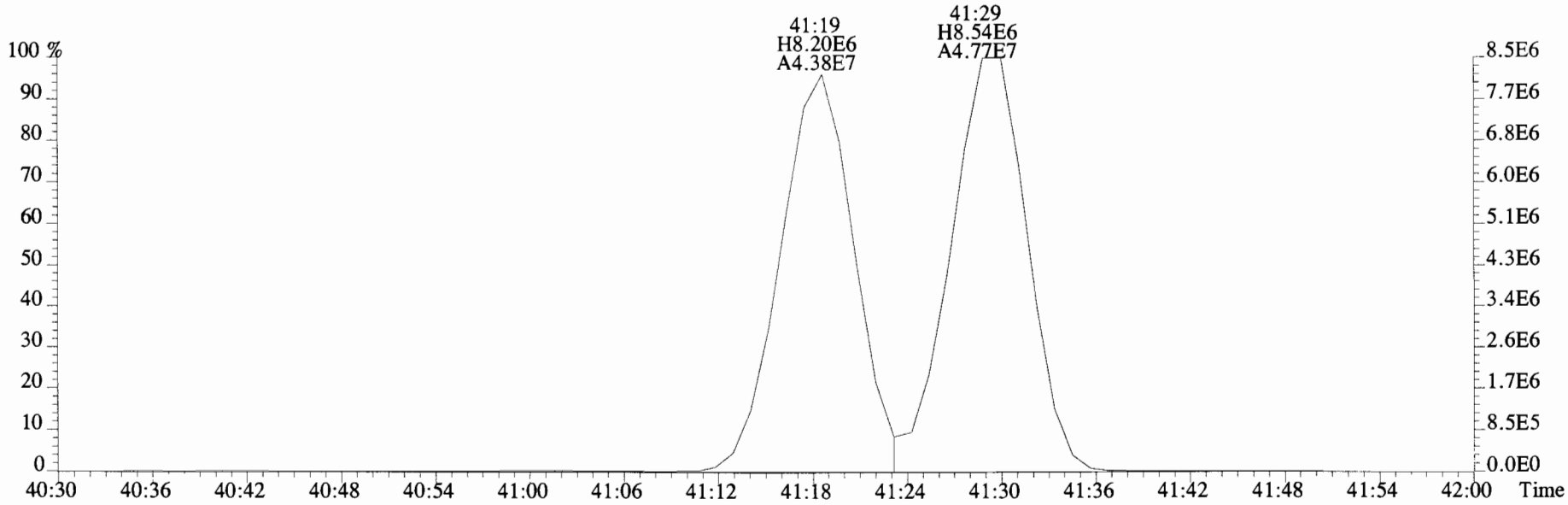
330.9792 S:6 F:3



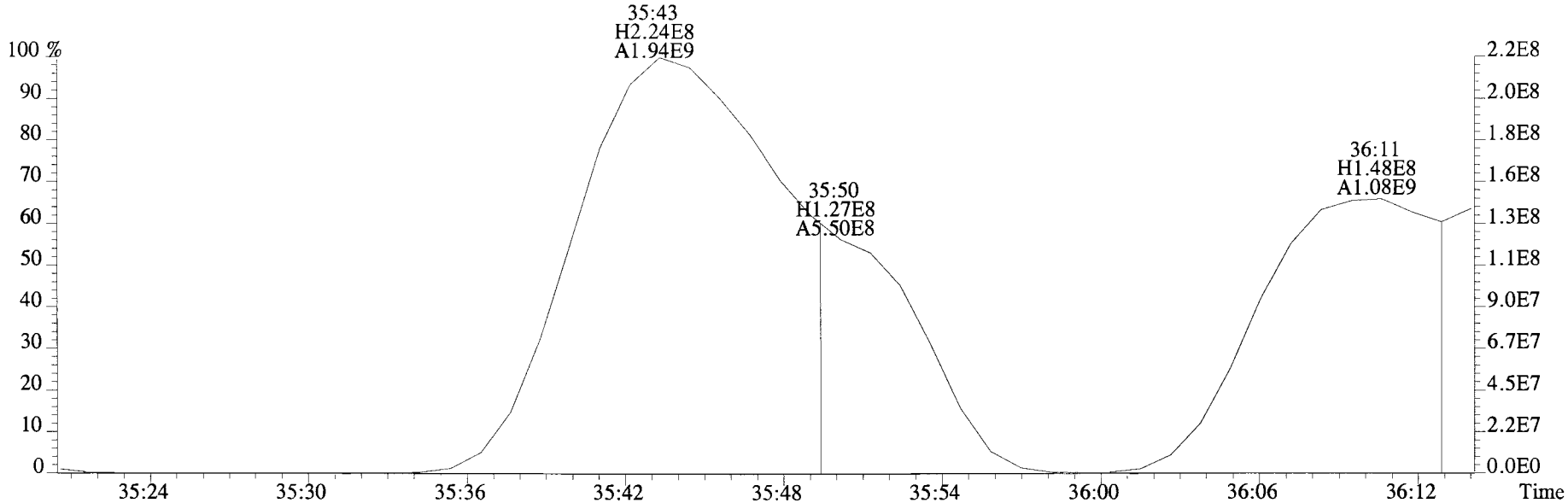
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
337.9207 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7344.0,0.00%,F,F)



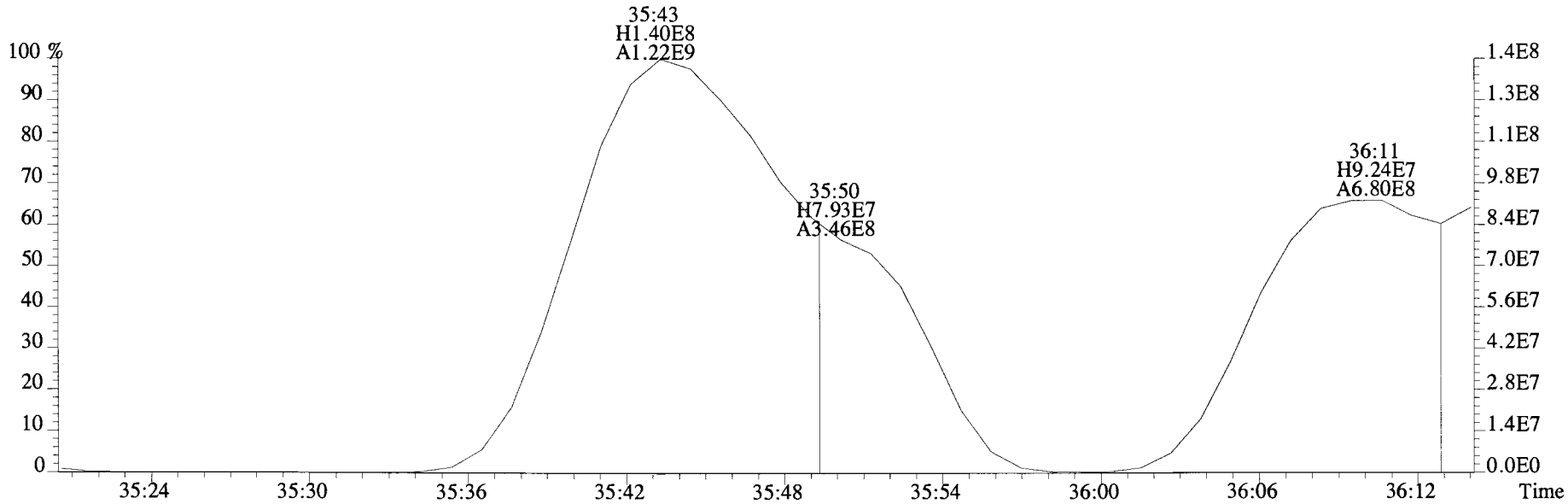
339.9177 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7576.0,0.00%,F,F)



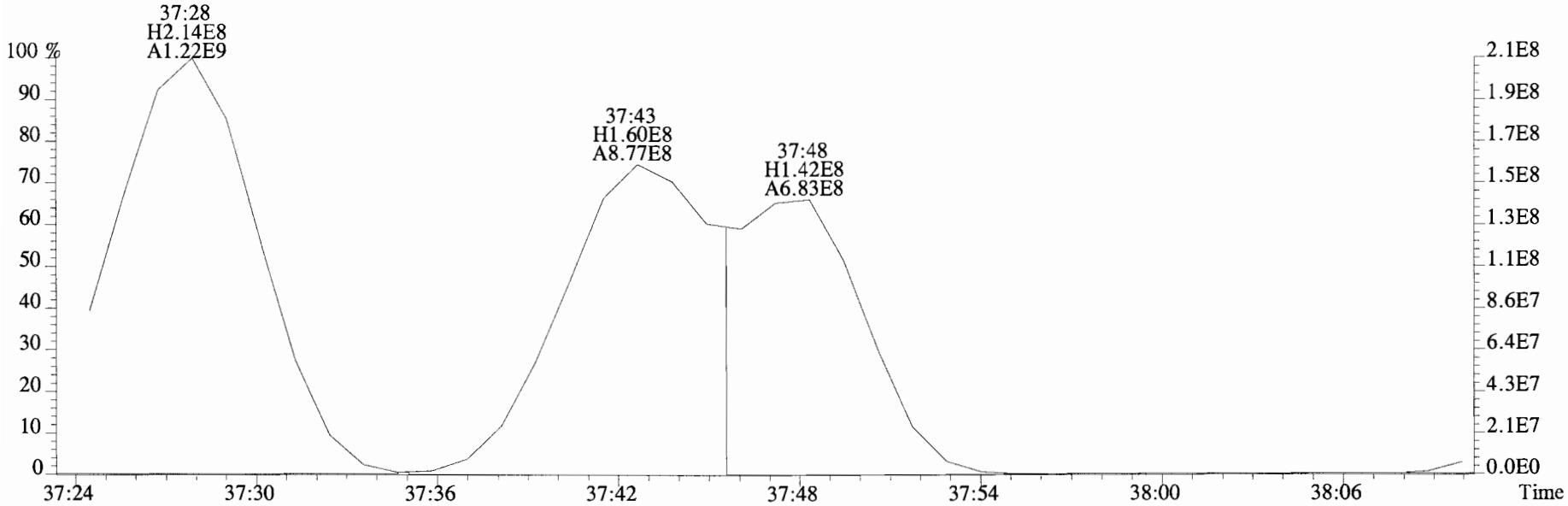
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12936.0,0.00%,F,F)



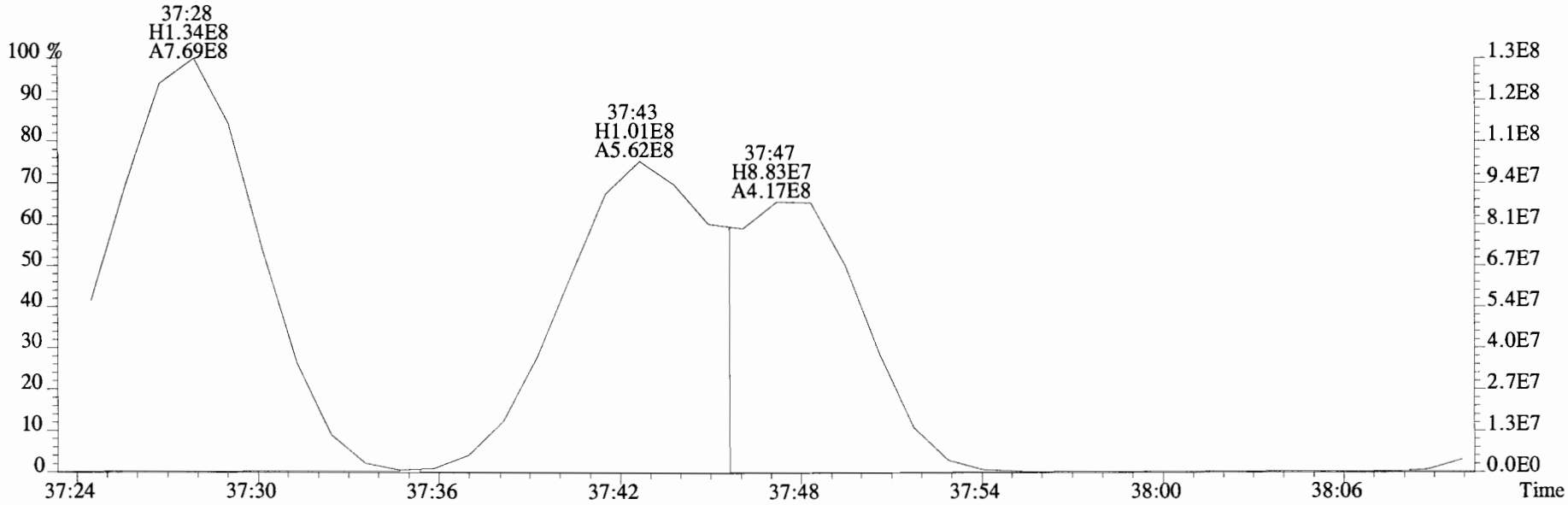
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6380.0,0.00%,F,F)



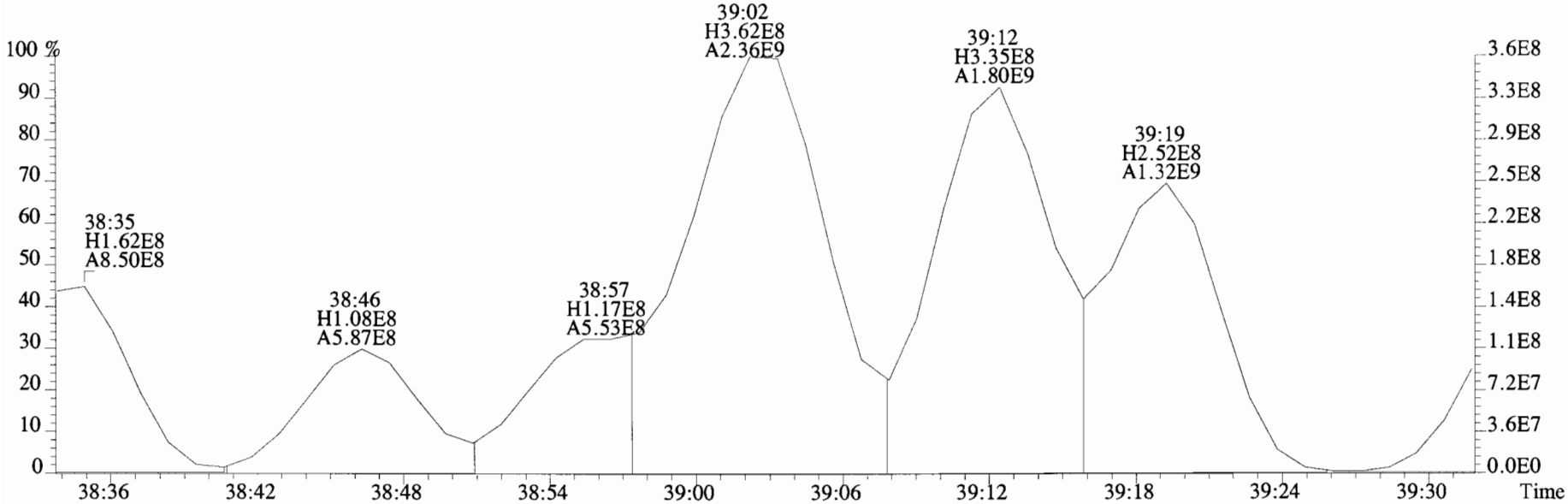
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12936.0,0.00%,F,F)



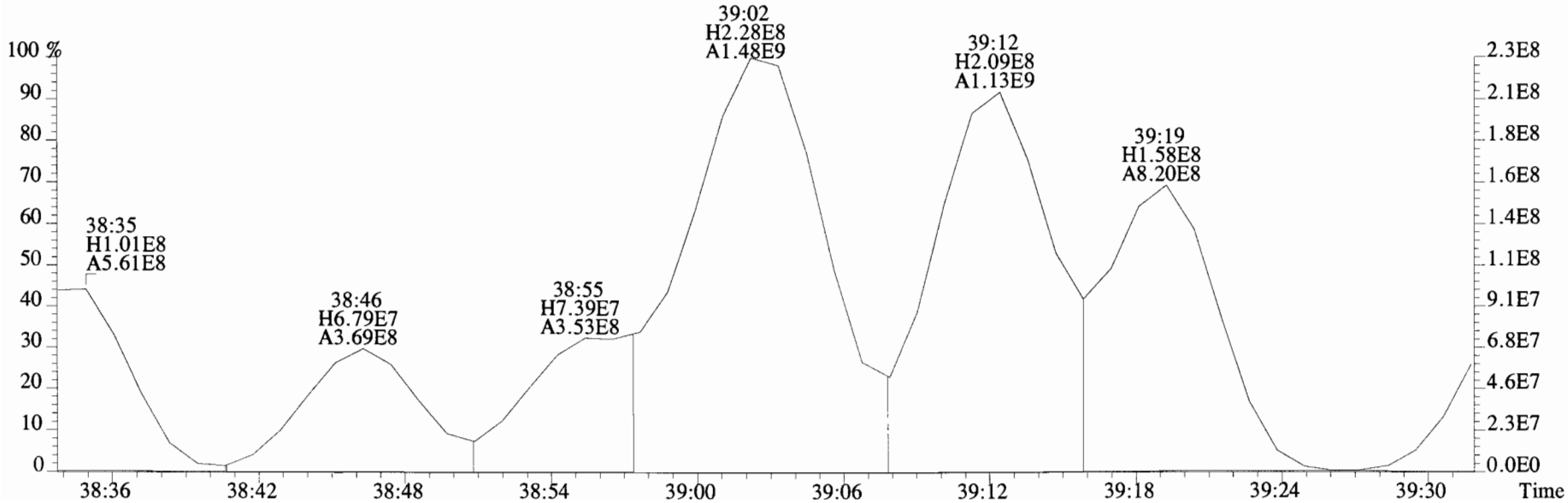
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6380.0,0.00%,F,F)



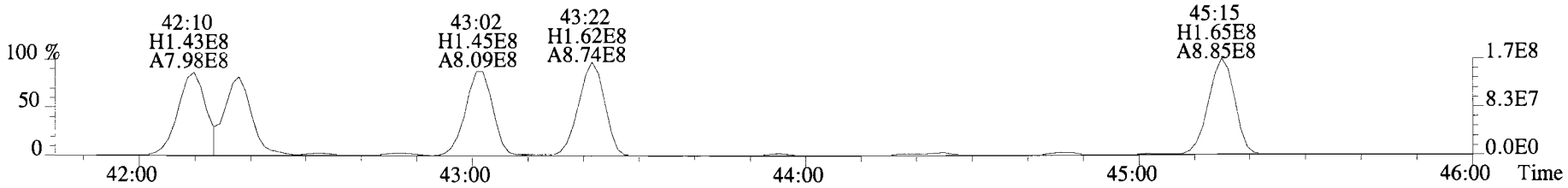
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12936.0,0.00%,F,F)



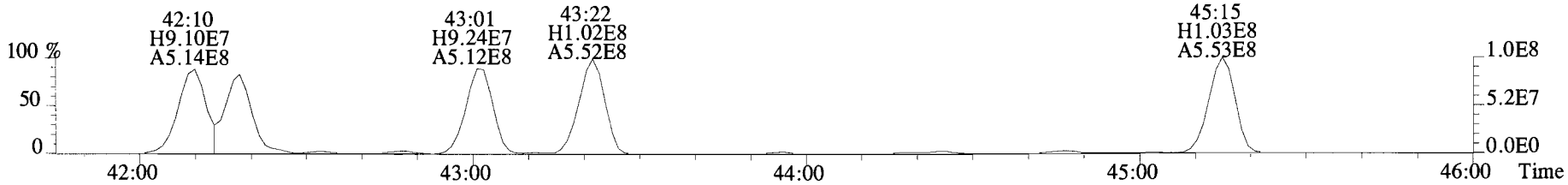
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6380.0,0.00%,F,F)



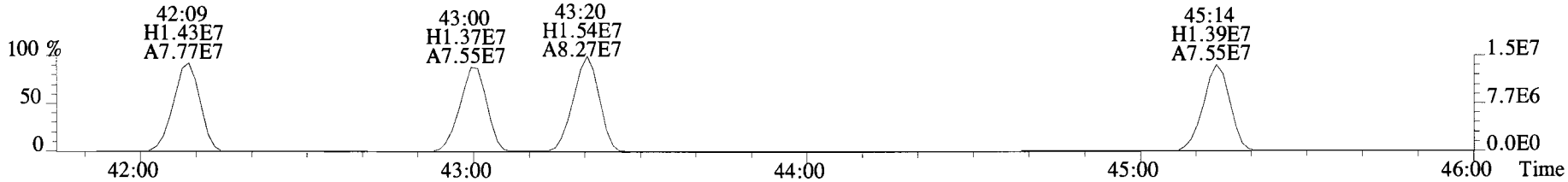
File:180208E1 #1-574 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
325.8804 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,146716.0,0.00%,F,F)



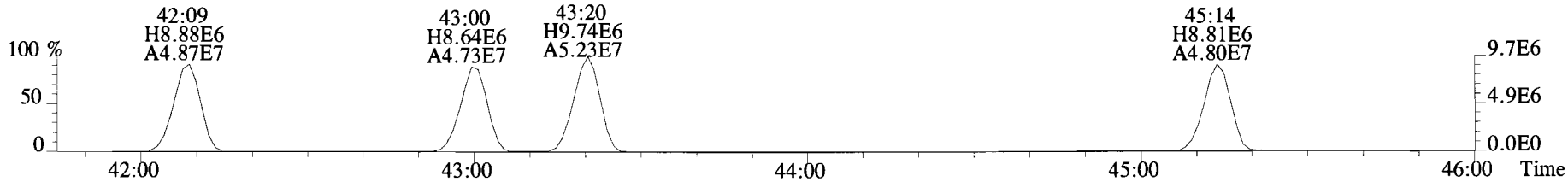
327.8775 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,99216.0,0.00%,F,F)



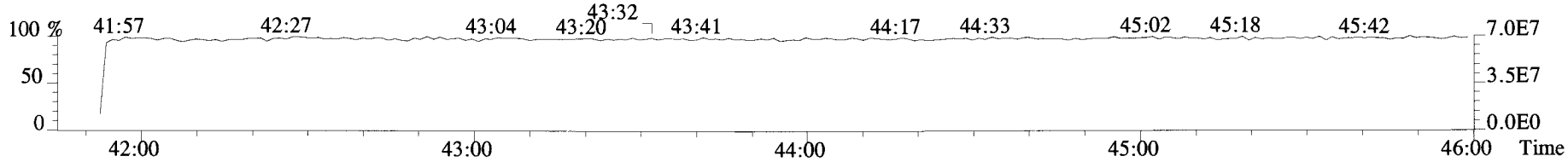
337.9207 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10968.0,0.00%,F,F)



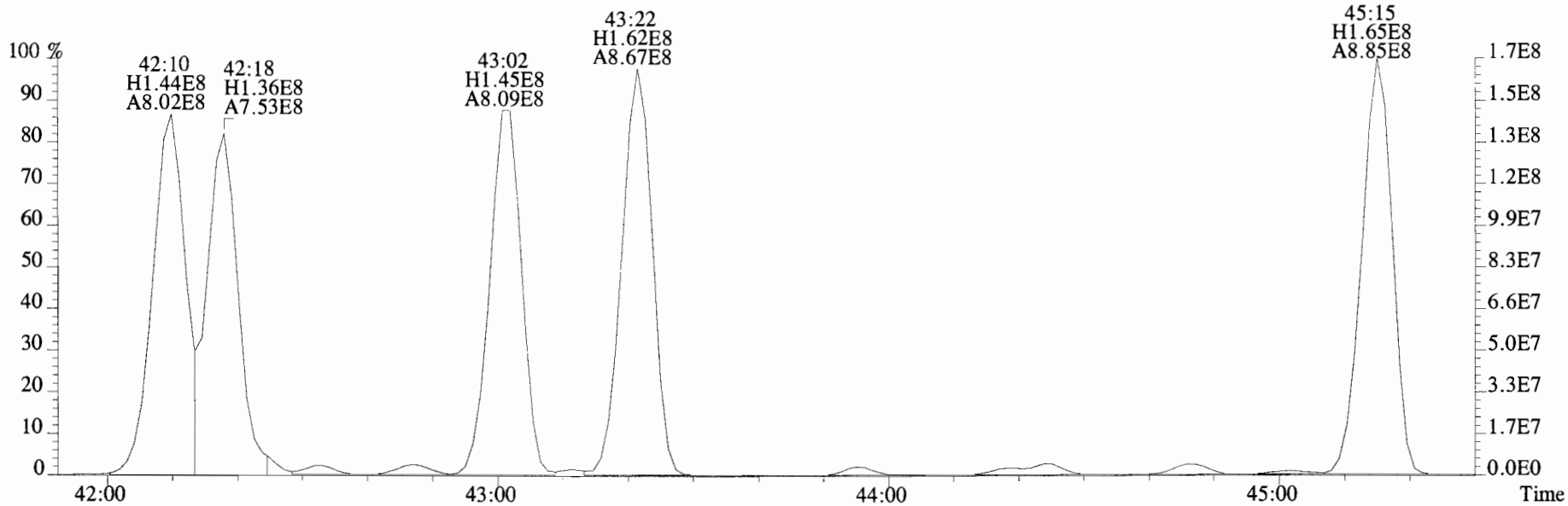
339.9177 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8764.0,0.00%,F,F)



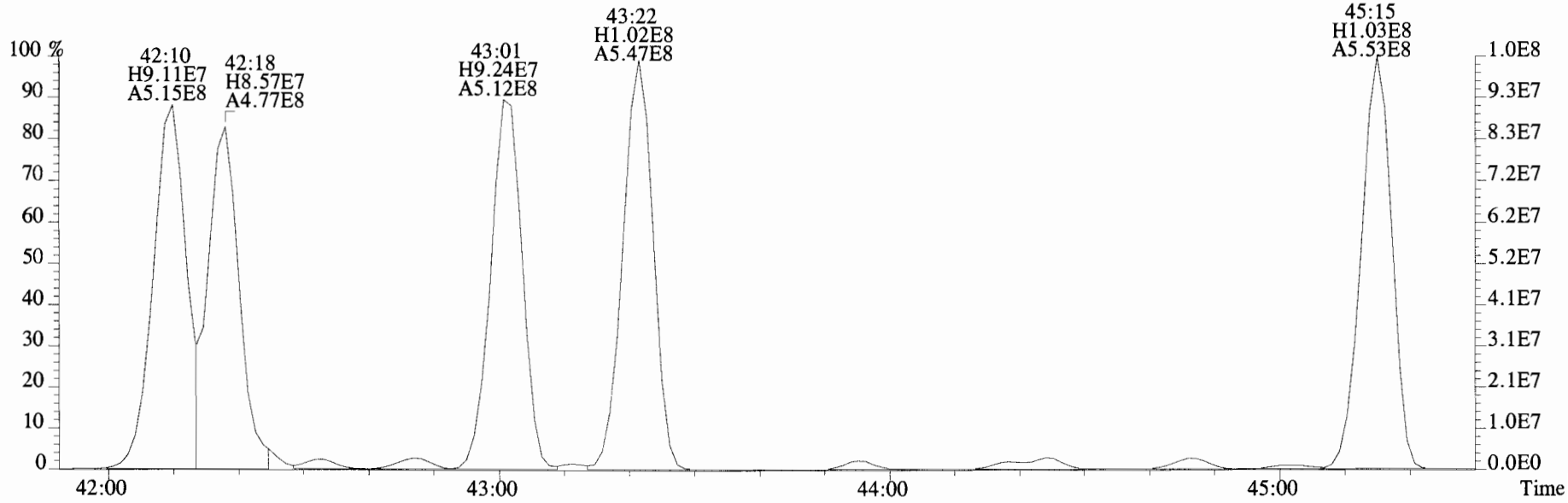
380.9760 S:6 F:4



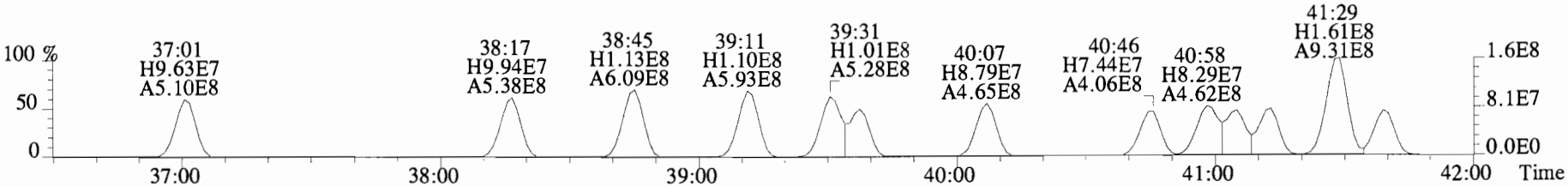
File:180208E1 #1-574 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
325.8804 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,146716.0,0.00%,F,F)



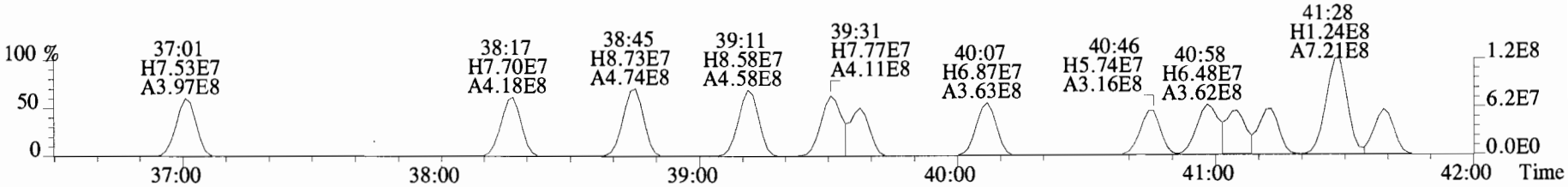
327.8775 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,99216.0,0.00%,F,F)



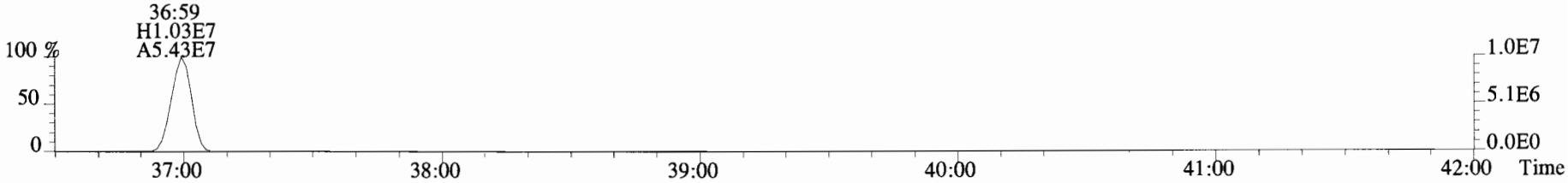
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
359.8415 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6276.0,0.00%,F,F)



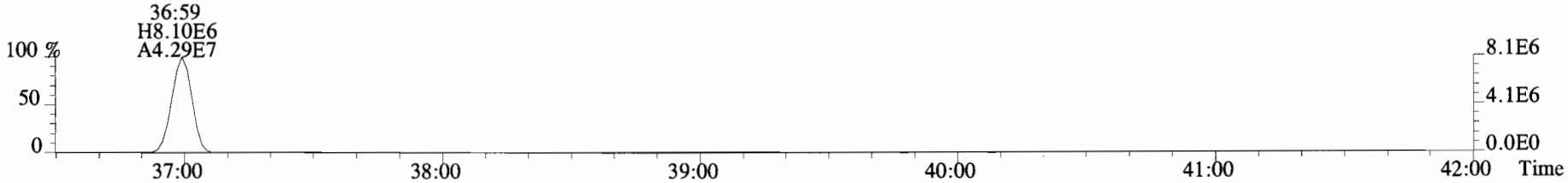
361.8385 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6140.0,0.00%,F,F)



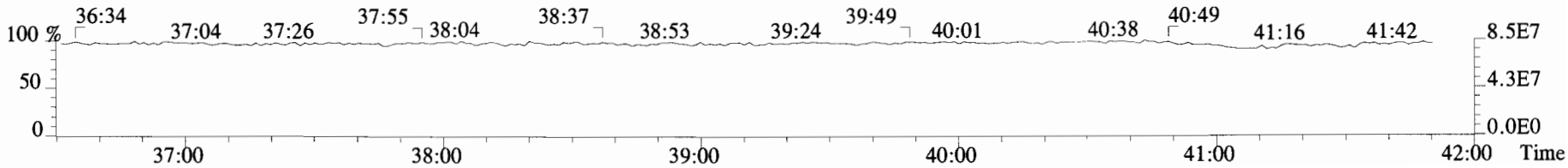
371.8817 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5844.0,0.00%,F,F)



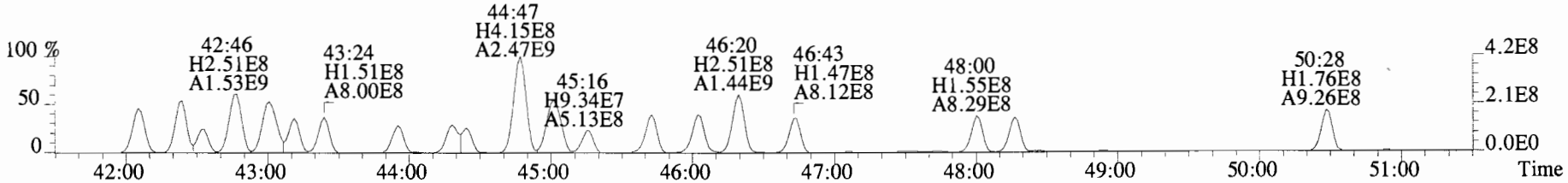
373.8788 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6888.0,0.00%,F,F)



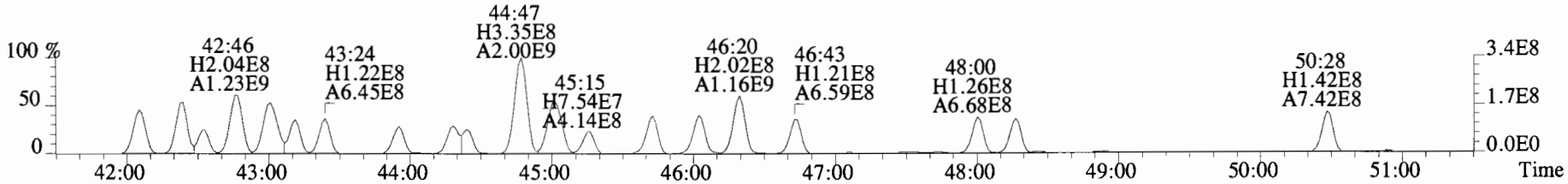
330.9792 S:6 F:3



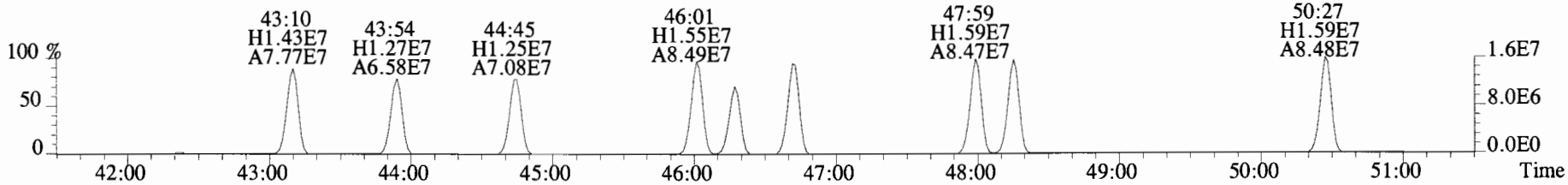
File:180208E1 #1-574 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
359.8415 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,916648.0,0.00%,F,F)



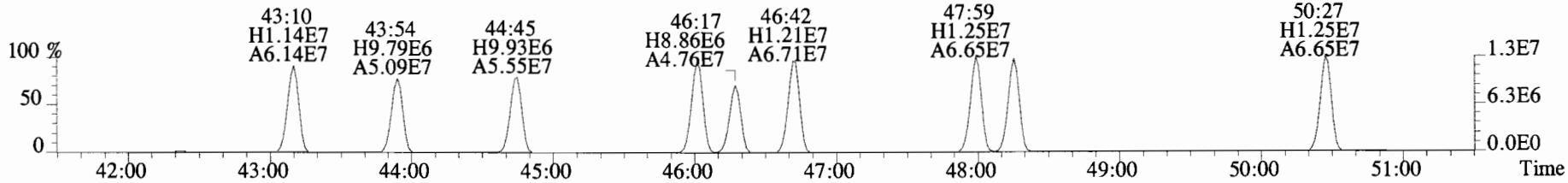
361.8385 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,734040.0,0.00%,F,F)



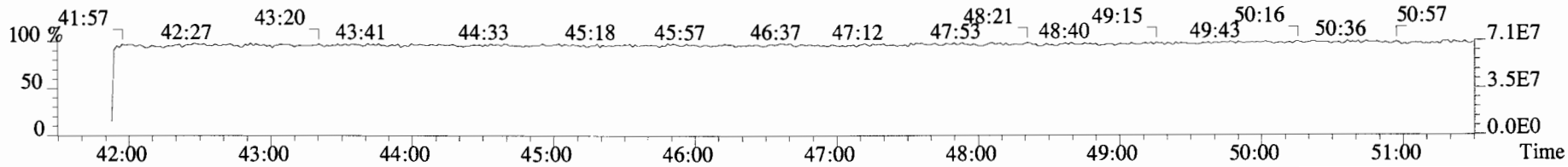
371.8817 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21288.0,0.00%,F,F)



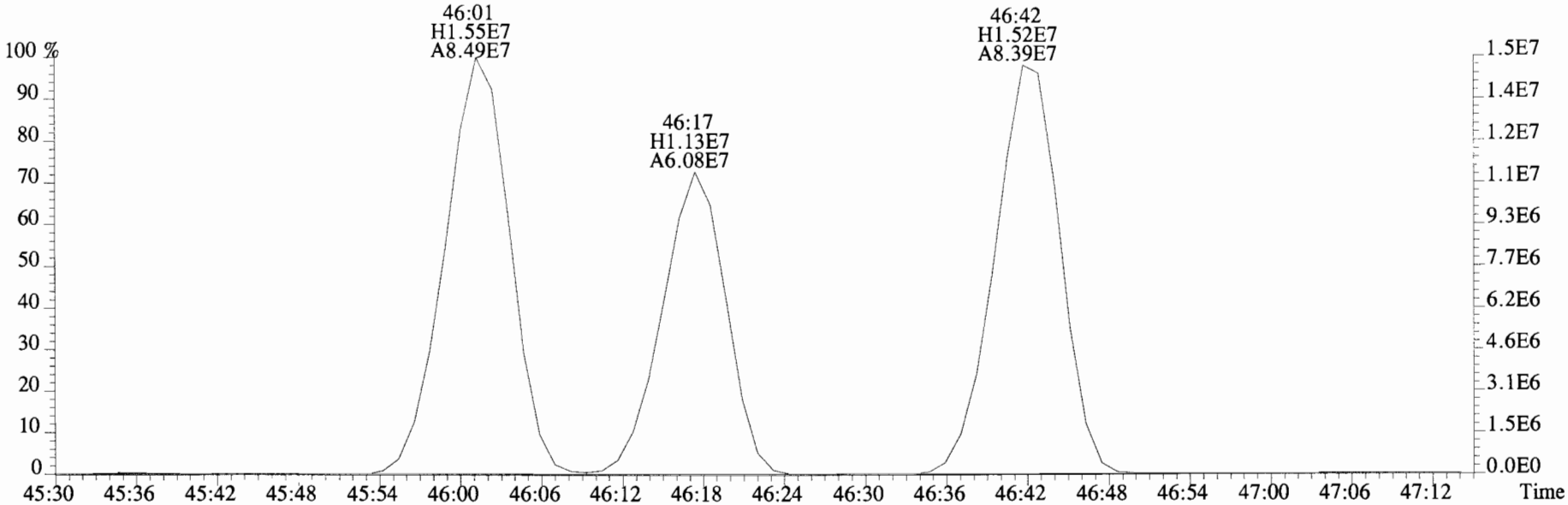
373.8788 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18380.0,0.00%,F,F)



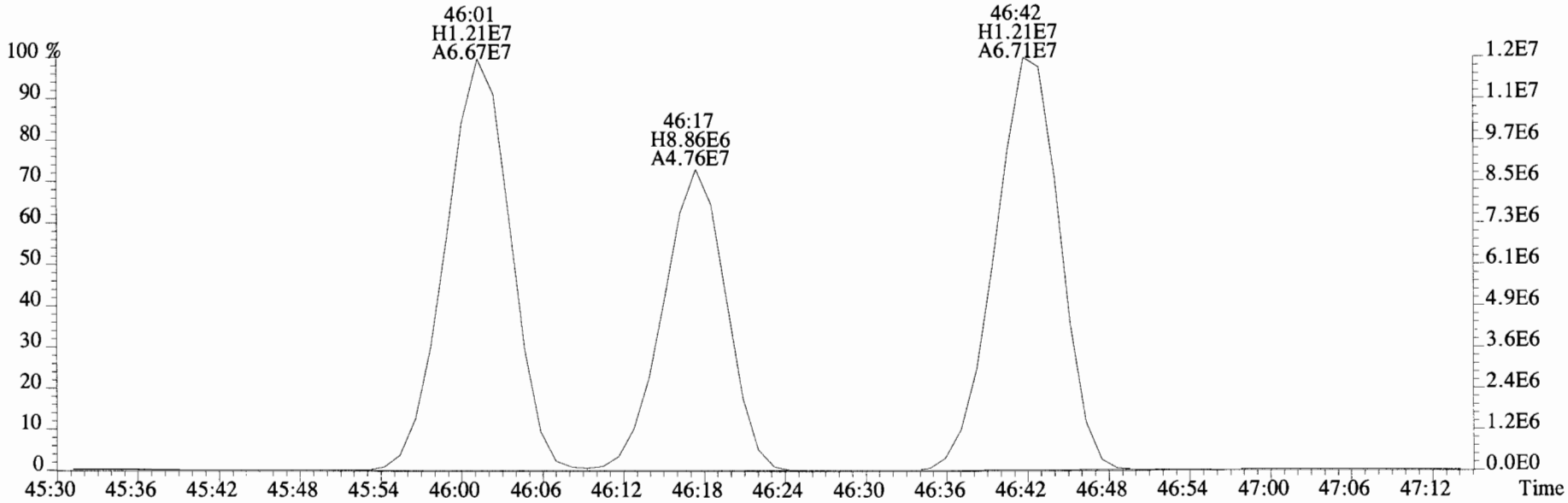
380.9760 S:6 F:4



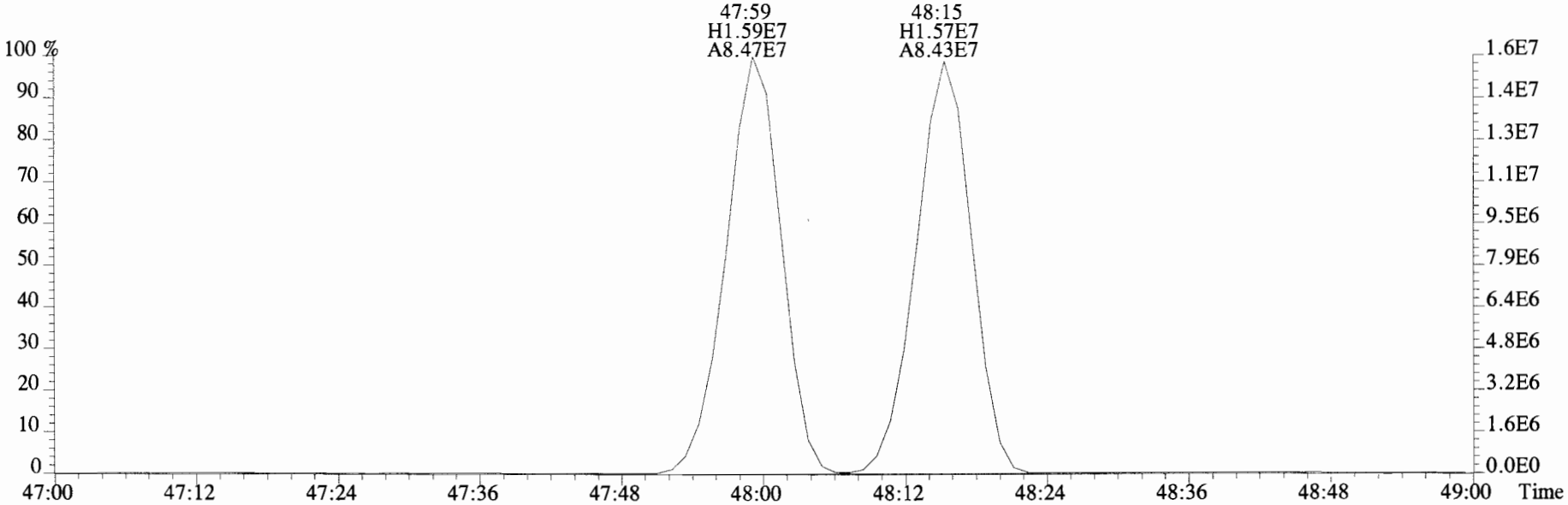
File:180208E1 #1-574 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
371.8817 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21288.0,0.00%,F,F)



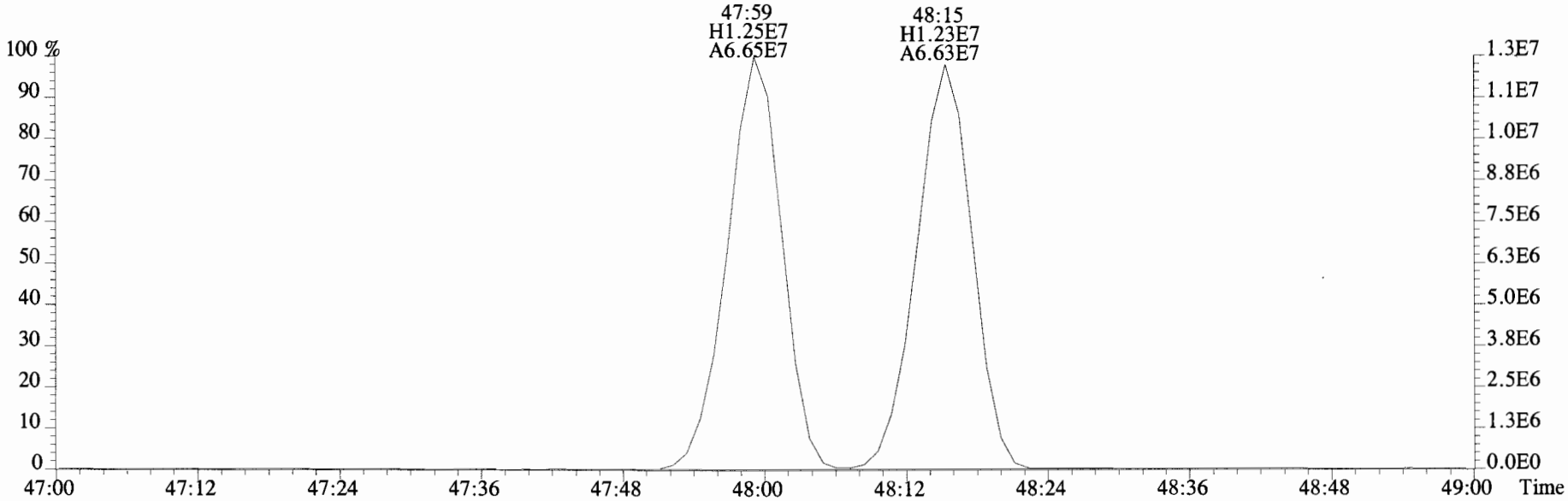
373.8788 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18380.0,0.00%,F,F)



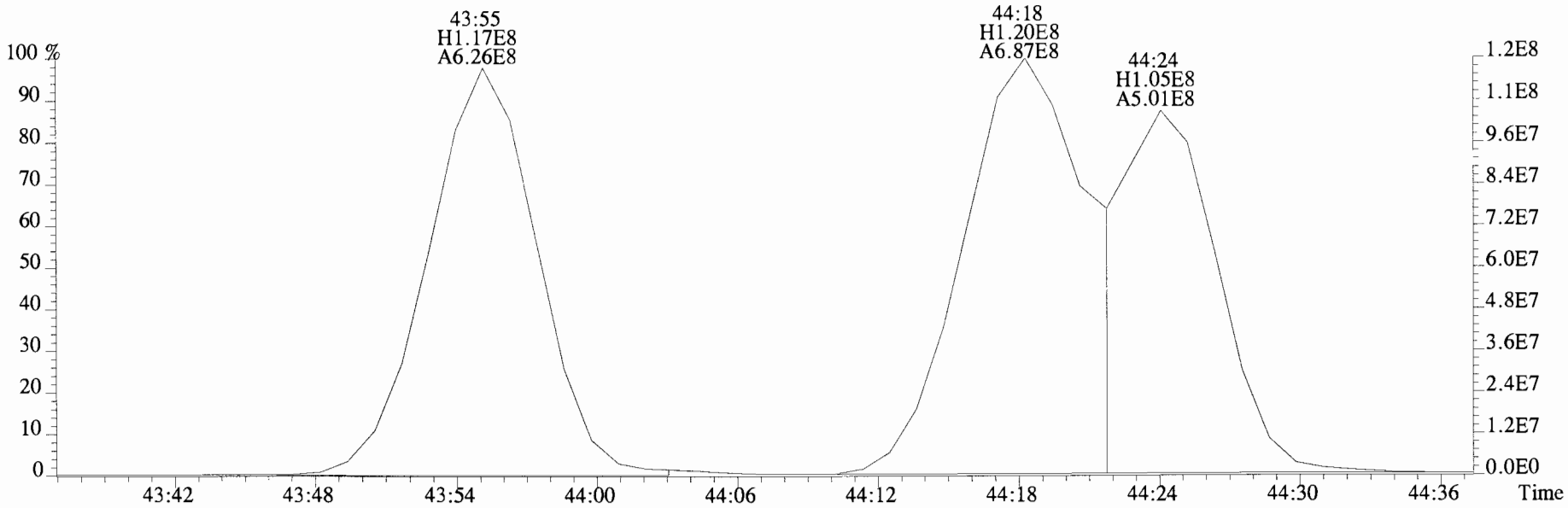
File:180208E1 #1-574 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
371.8817 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21288.0,0.00%,F,F)



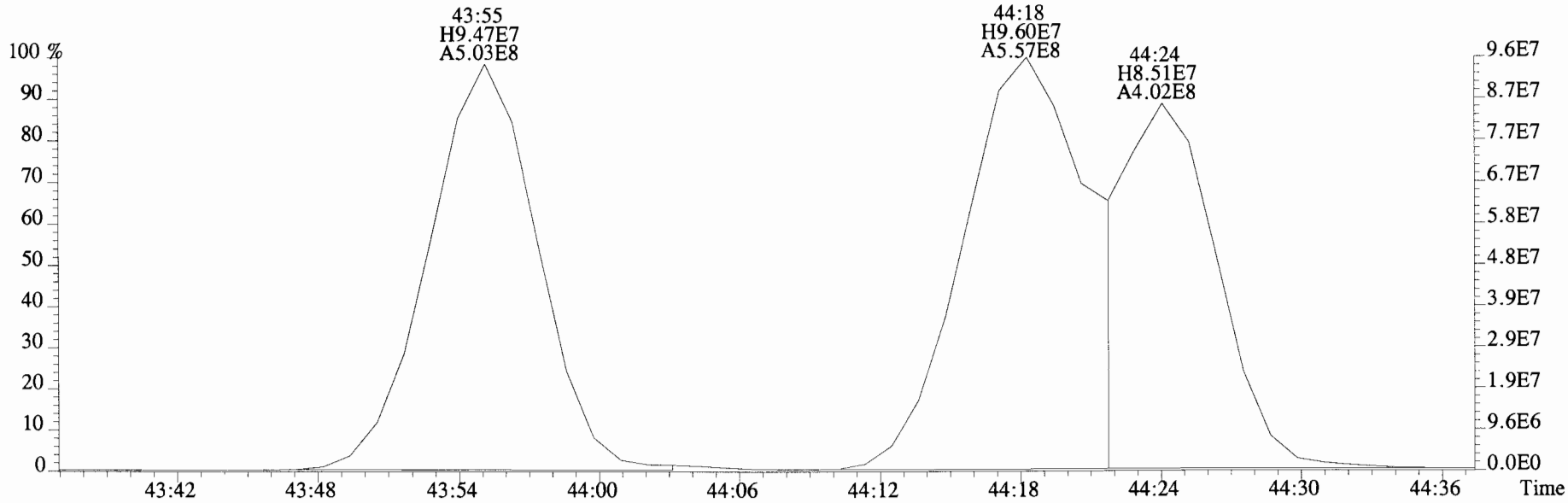
373.8788 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18380.0,0.00%,F,F)



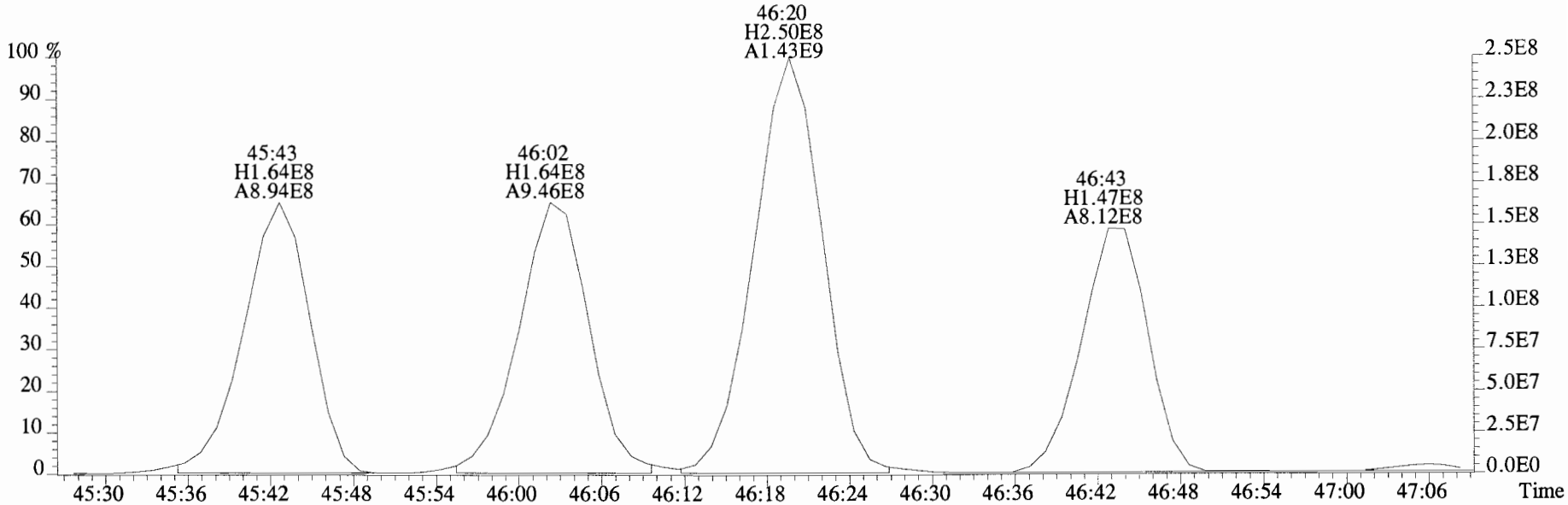
File:180208E1 #1-574 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
359.8415 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,916648.0,0.00%,F,F)



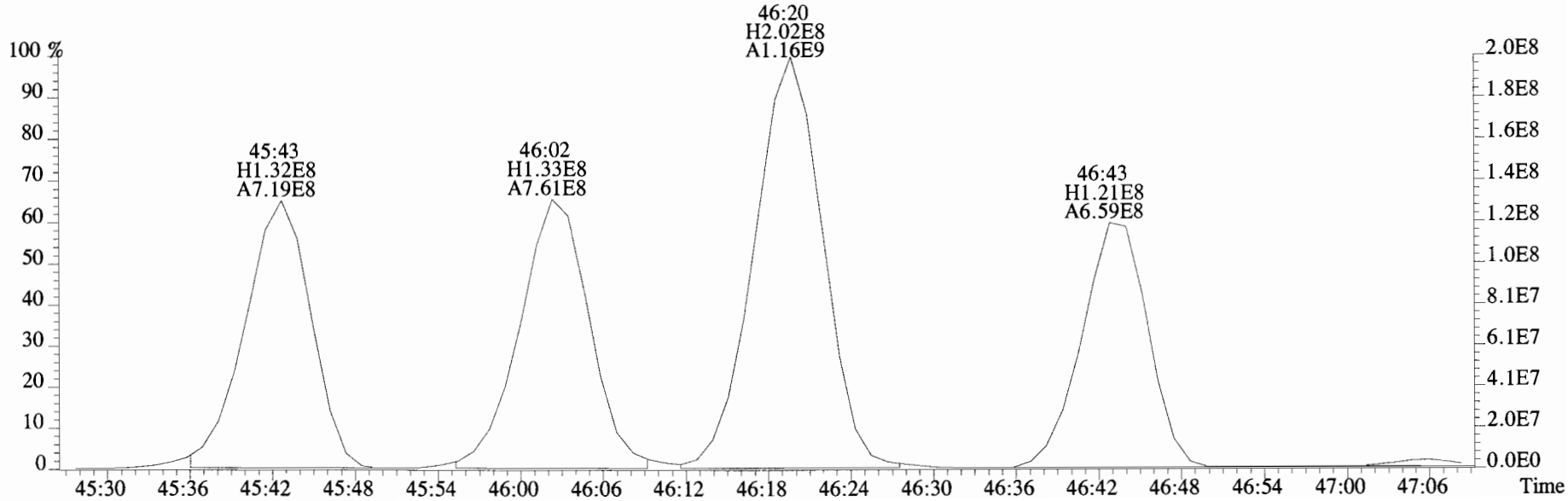
361.8385 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,734040.0,0.00%,F,F)



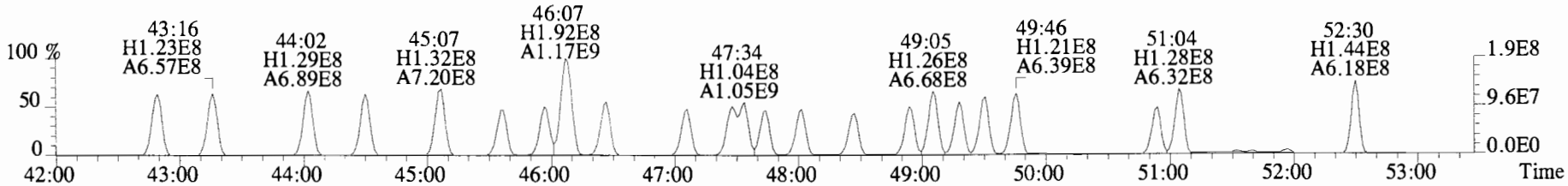
File:180208E1 #1-574 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
359.8415 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,916648.0,0.00%,F,F)



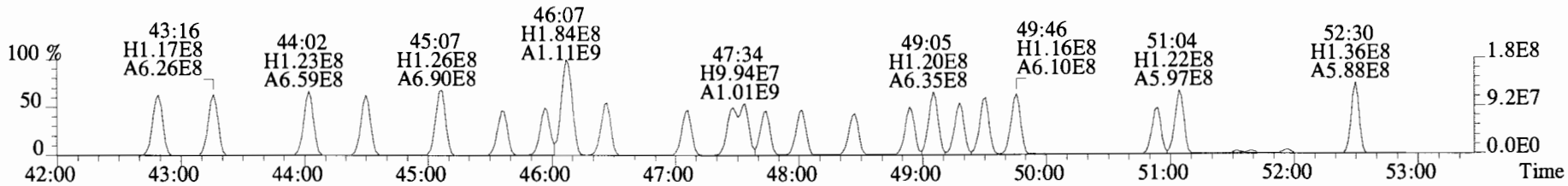
361.8385 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,734040.0,0.00%,F,F)



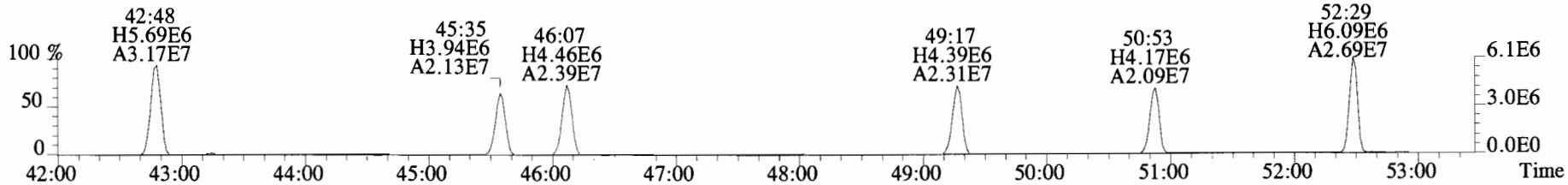
File:180208E1 #1-574 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
393.8025 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,611220.0,0.00%,F,F)



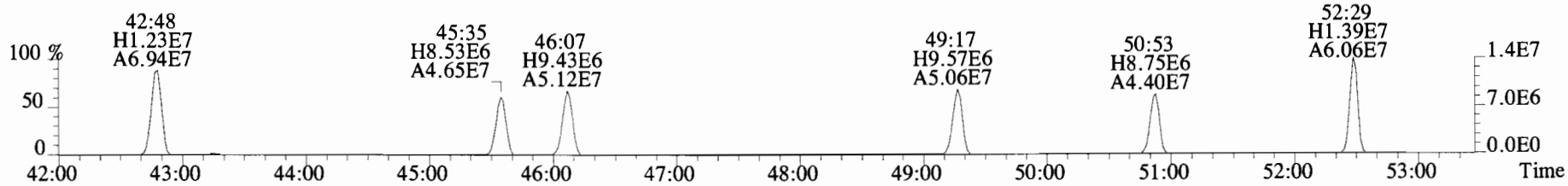
395.7995 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,556732.0,0.00%,F,F)



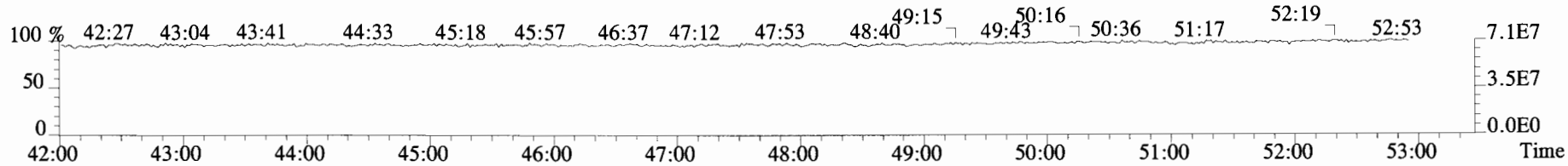
403.8457 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8436.0,0.00%,F,F)



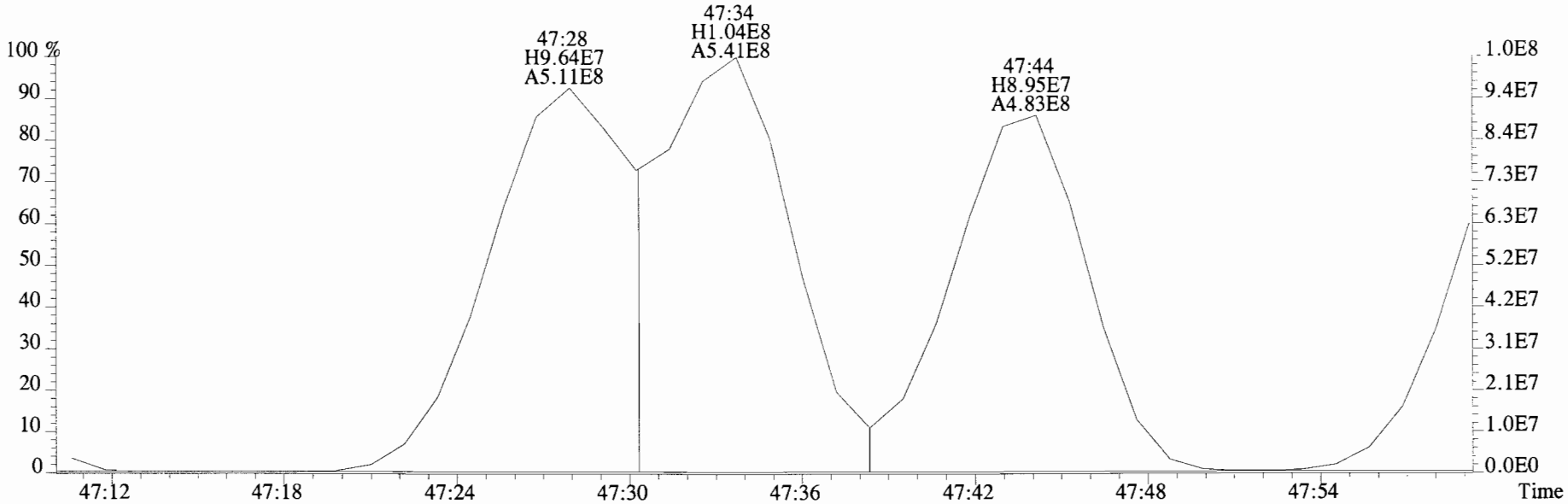
405.8428 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15240.0,0.00%,F,F)



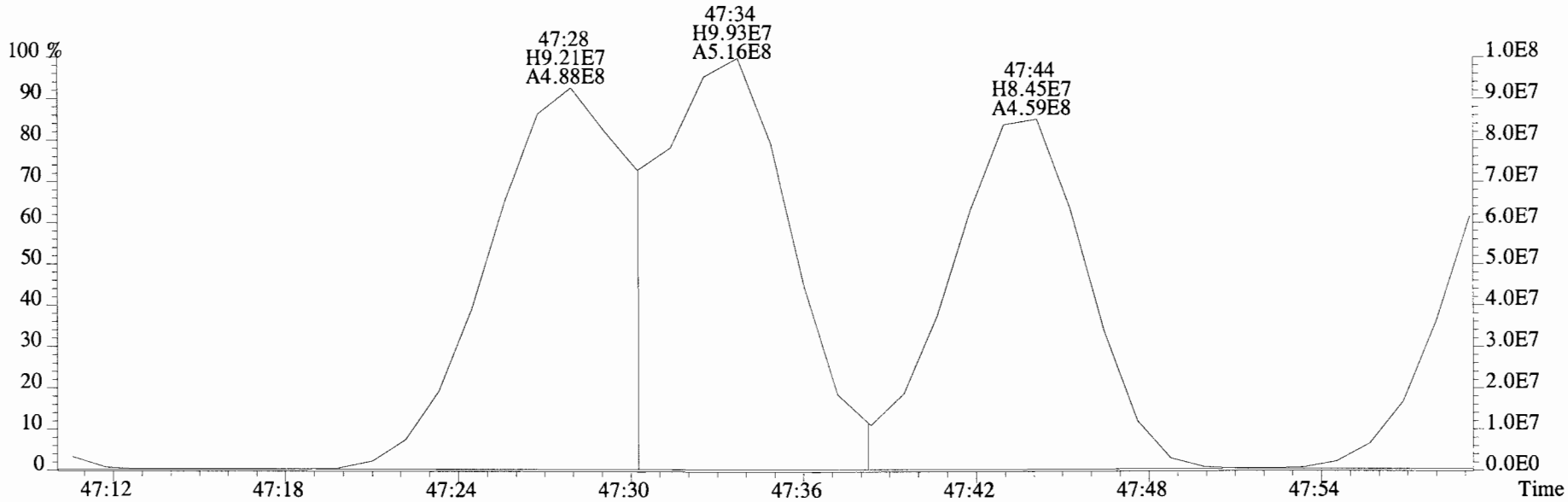
380.9760 S:6 F:4



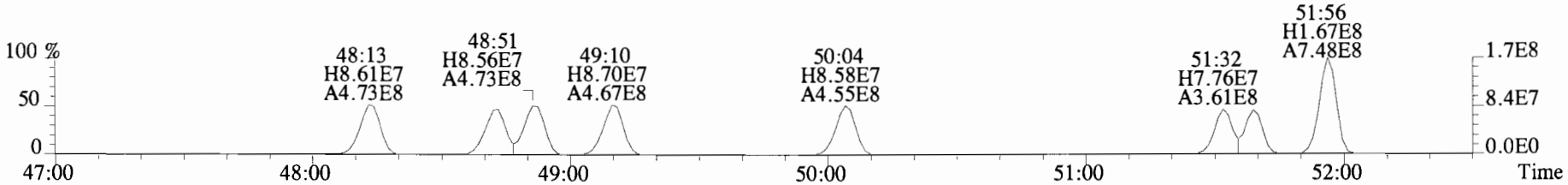
File:180208E1 #1-574 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
393.8025 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,611220.0,0.00%,F,F)



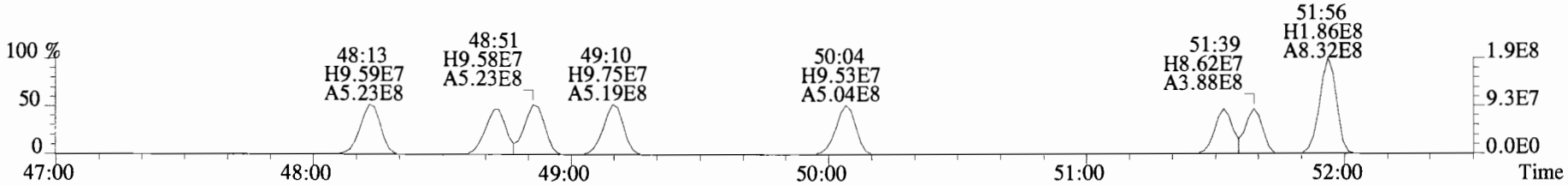
395.7995 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,556732.0,0.00%,F,F)



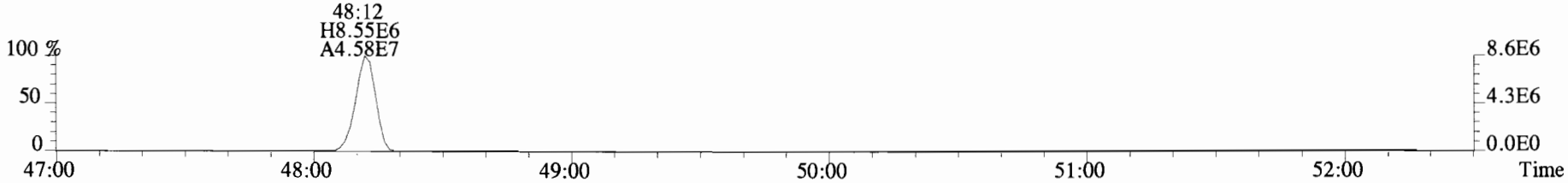
File:180208E1 #1-574 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
427.7635 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,93860.0,0.00%,F,F)



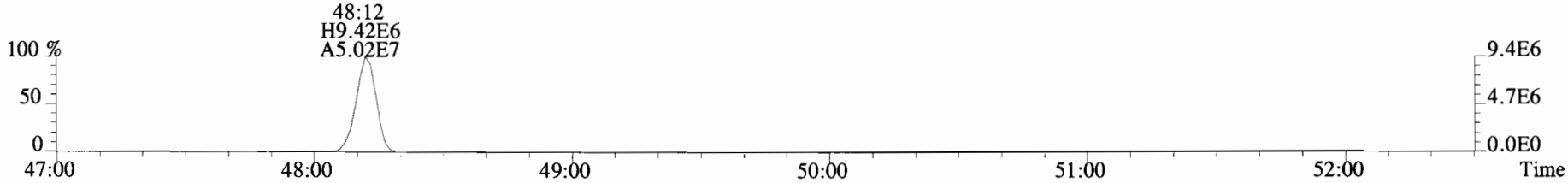
429.7606 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,105400.0,0.00%,F,F)



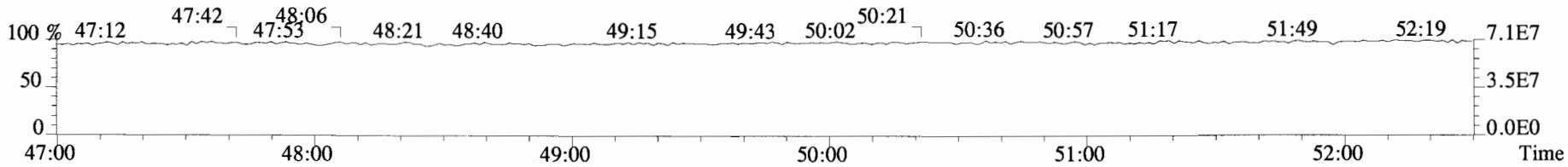
439.8038 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6432.0,0.00%,F,F)



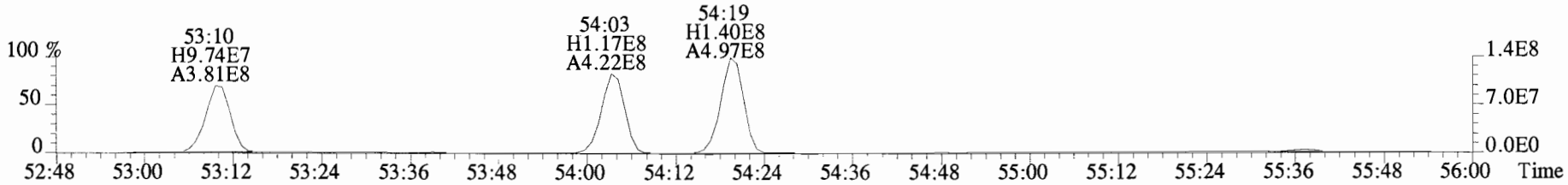
441.8008 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7424.0,0.00%,F,F)



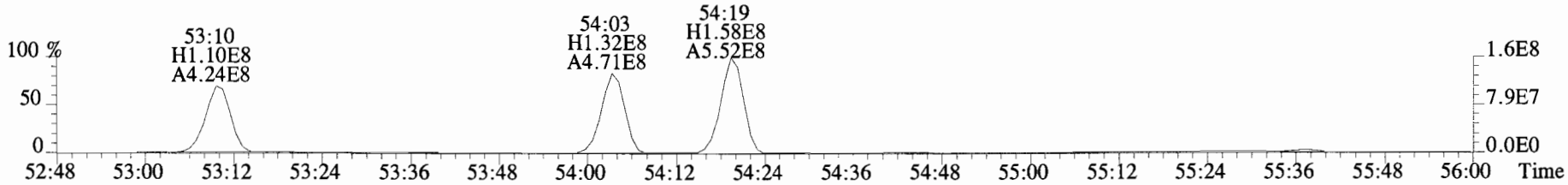
380.9760 S:6 F:4



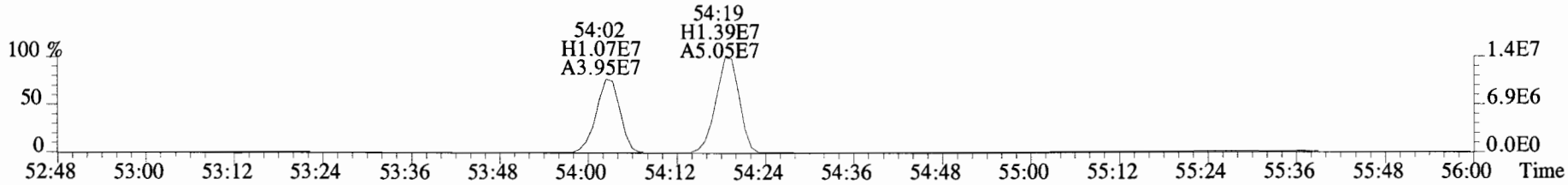
File:180208E1 #1-407 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
427.7635 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,461484.0,0.00%,F,F)



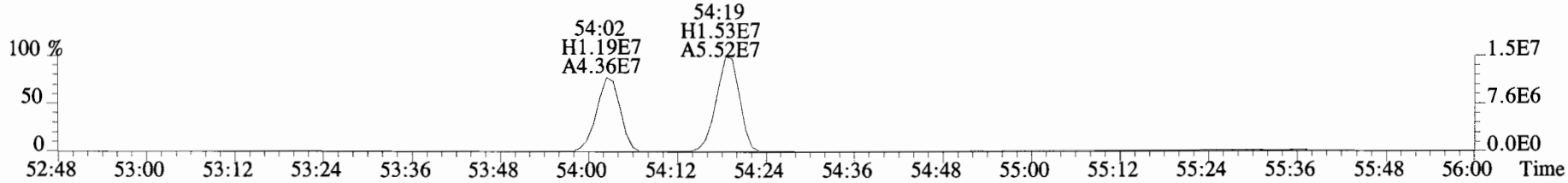
429.7606 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,681740.0,0.00%,F,F)



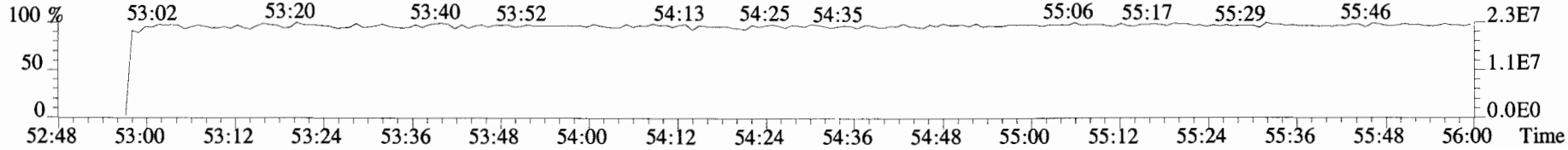
439.8038 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8628.0,0.00%,F,F)



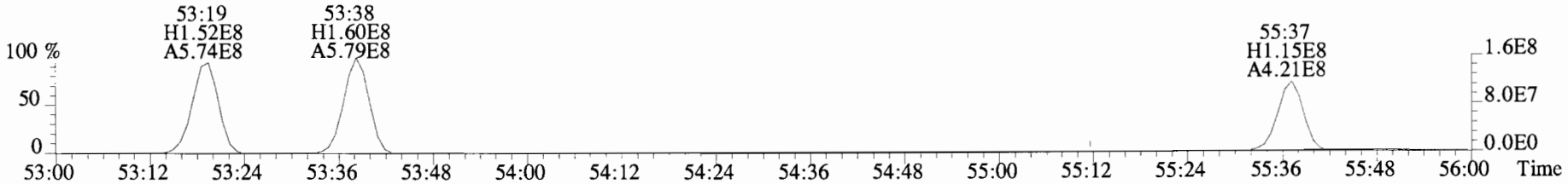
441.8008 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5572.0,0.00%,F,F)



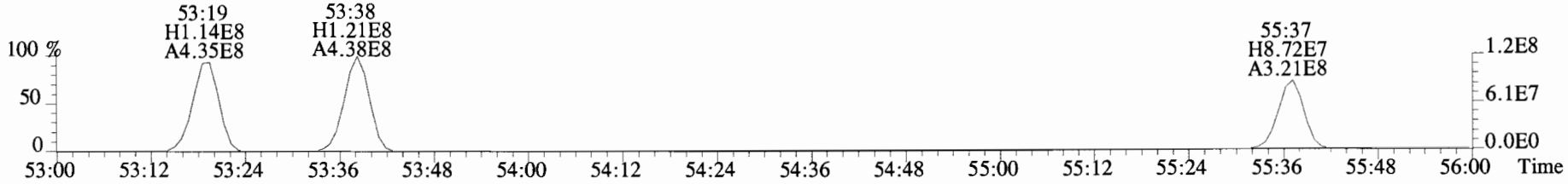
492.9697 S:6 F:5



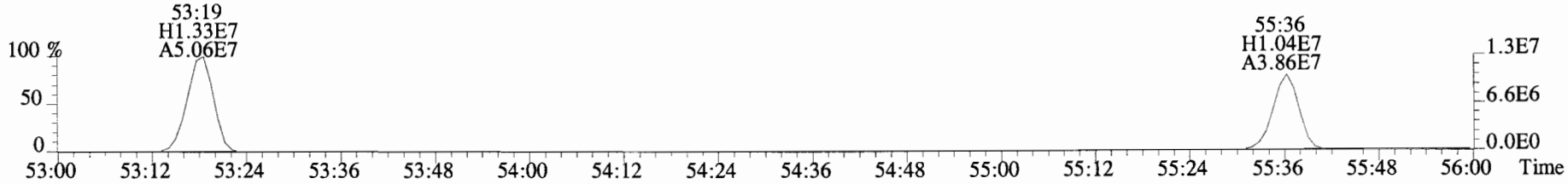
File:180208E1 #1-407 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
463.7216 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,416792.0,0.00%,F,F)



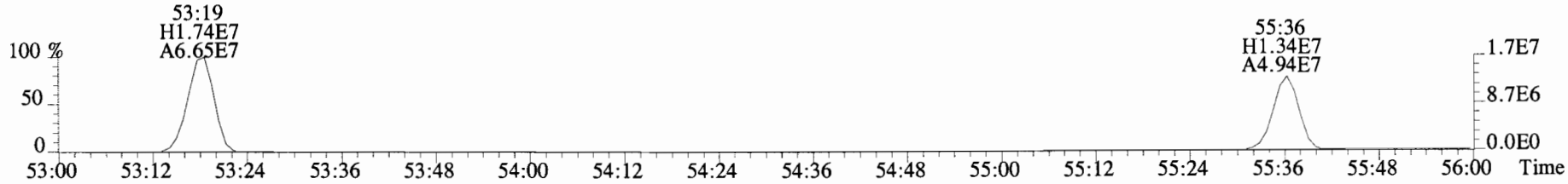
465.7186 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,312716.0,0.00%,F,F)



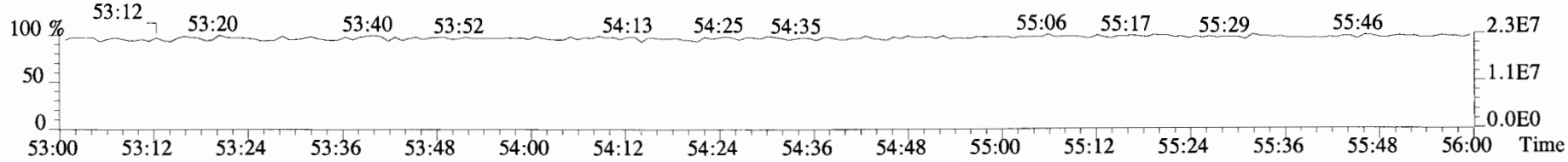
473.7648 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28316.0,0.00%,F,F)



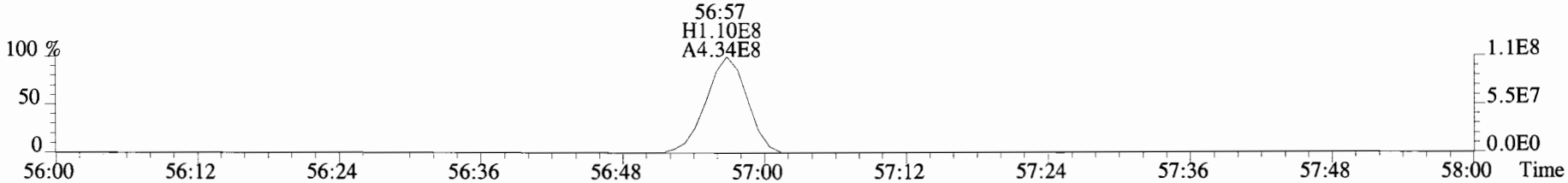
475.7619 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36800.0,0.00%,F,F)



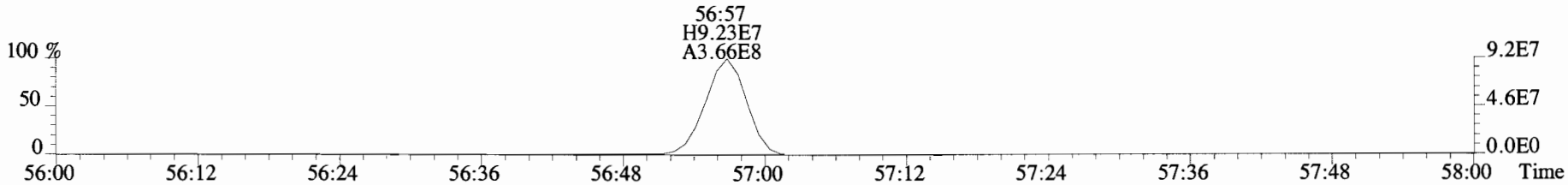
492.9697 S:6 F:5



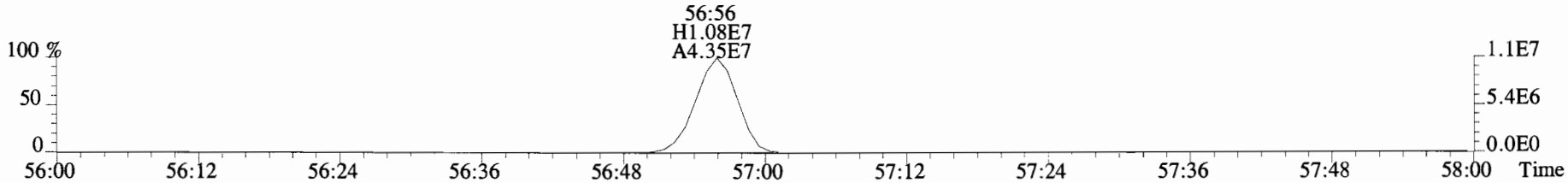
File:180208E1 #1-407 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
497.6826 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1780.0,0.00%,F,F)



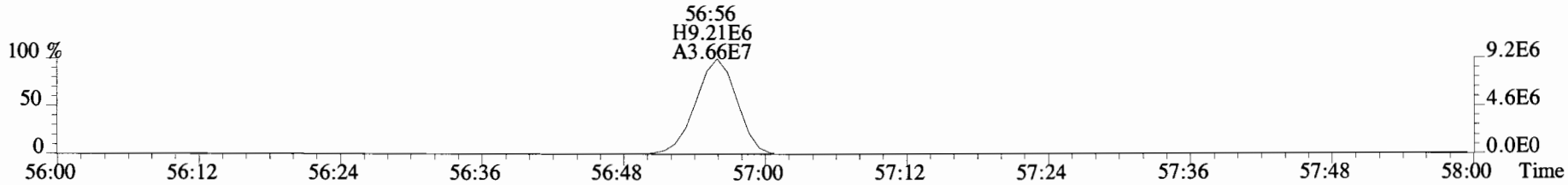
499.6797 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1904.0,0.00%,F,F)



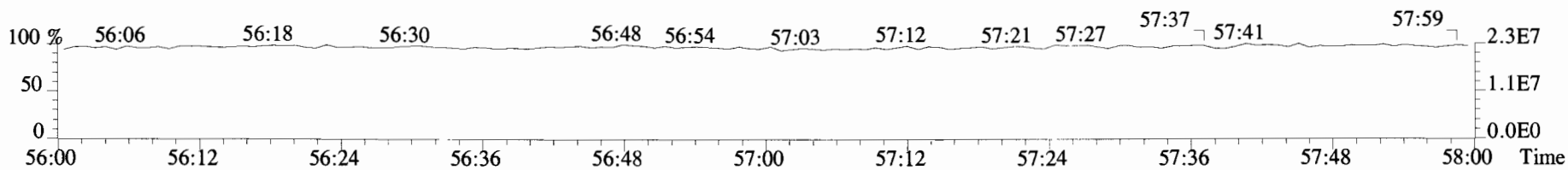
509.7229 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1800.0,0.00%,F,F)



511.7199 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2068.0,0.00%,F,F)

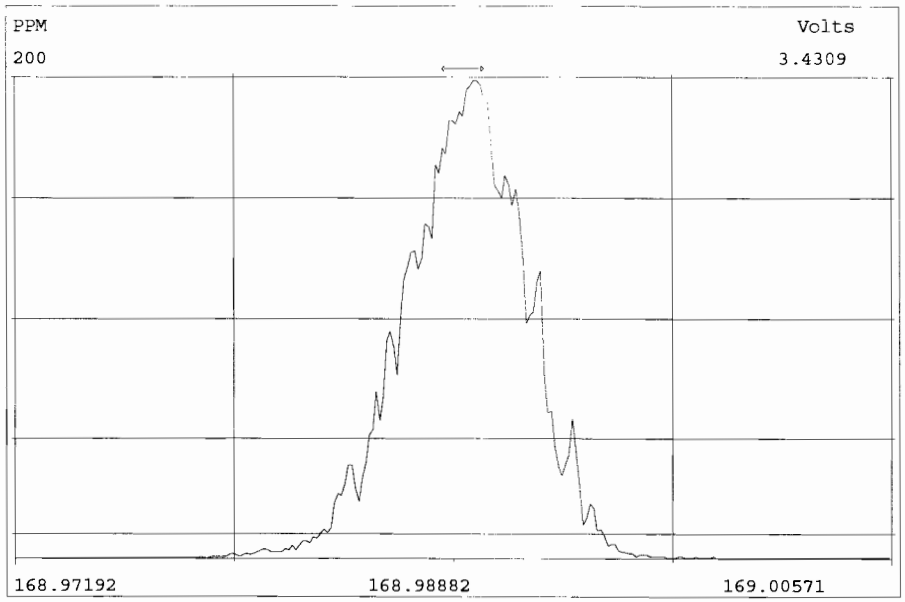


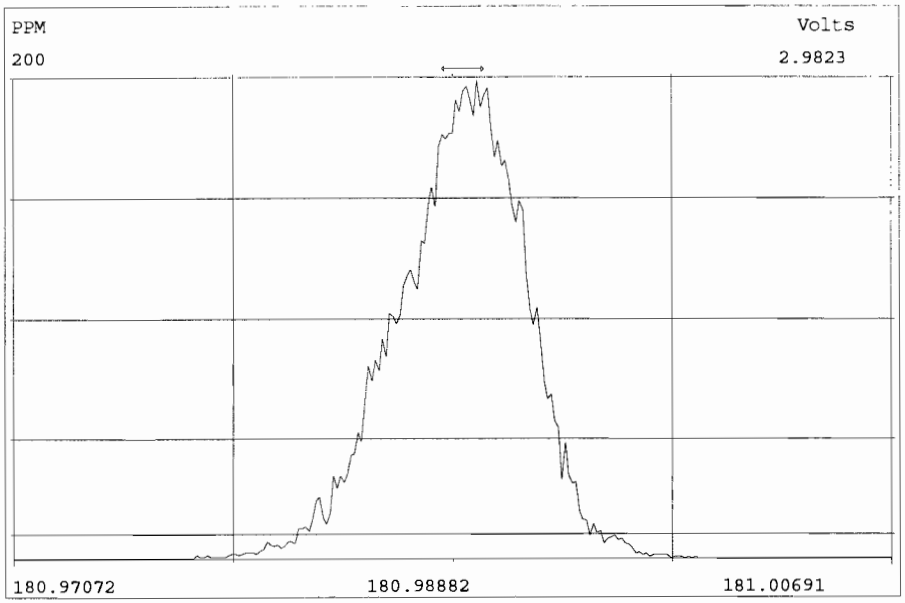
492.9697 S:6 F:5

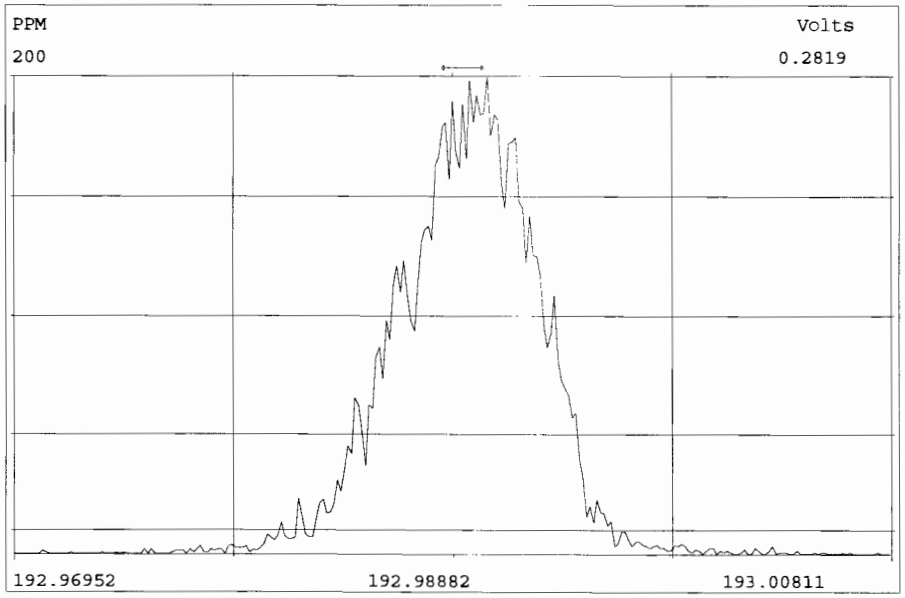


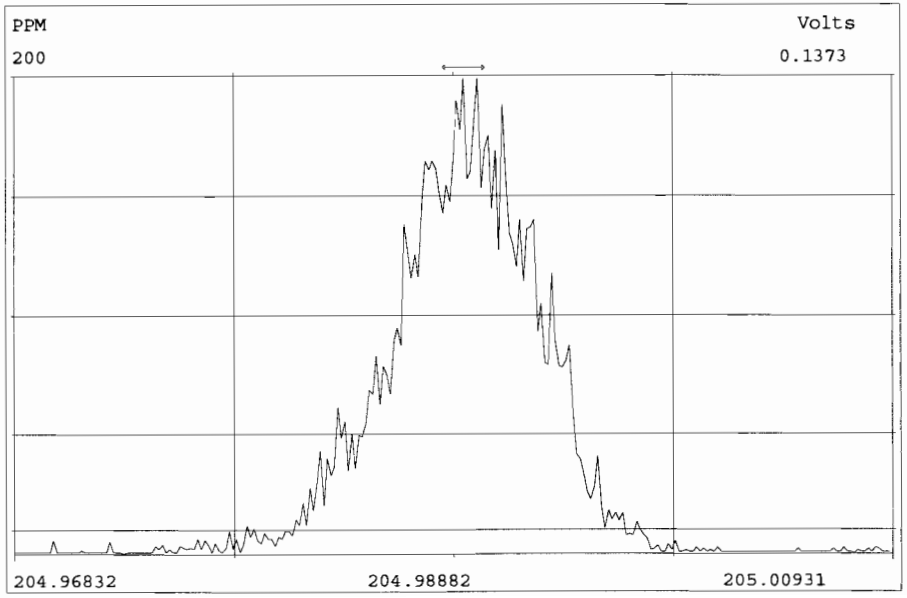
Peak Locate Examination: 8-FEB-2018:17:23 File:RES_CHECK

Experiment:PCB_ZB1 Function:1 Reference:PFK



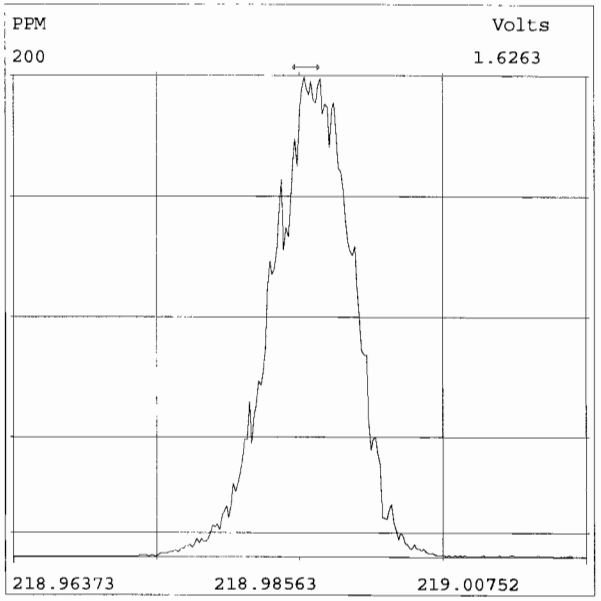


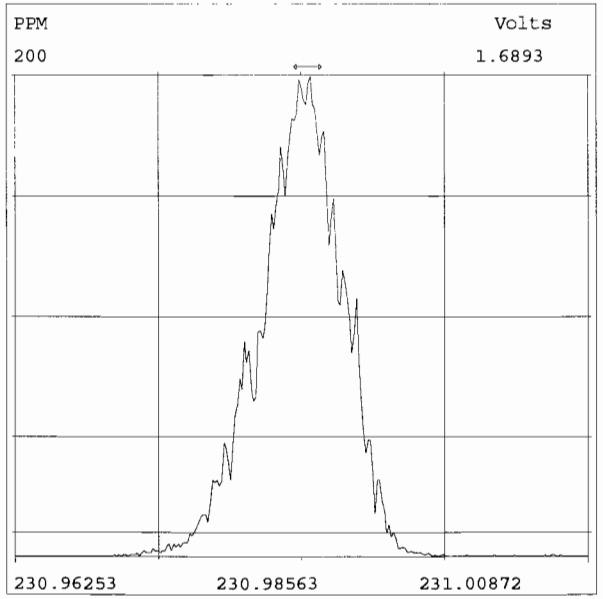


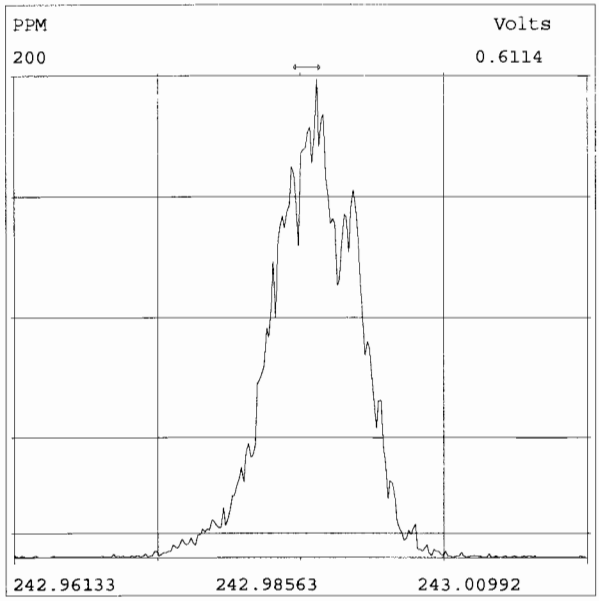


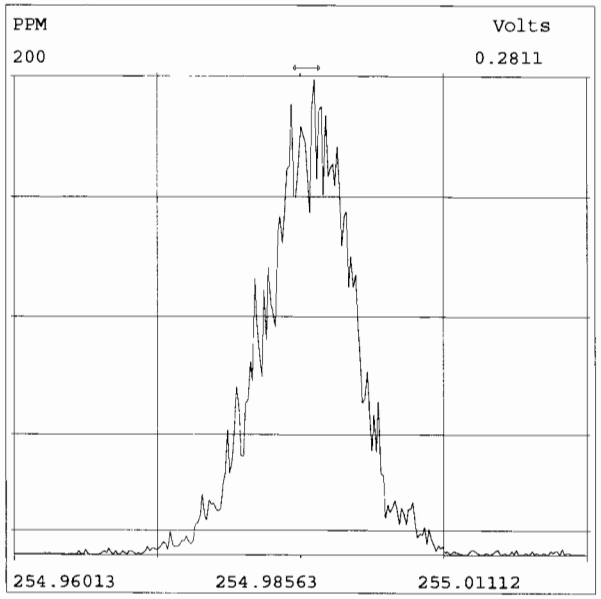
Peak Locate Examination: 8-FEB-2018:17:24 File:RES_CHECK

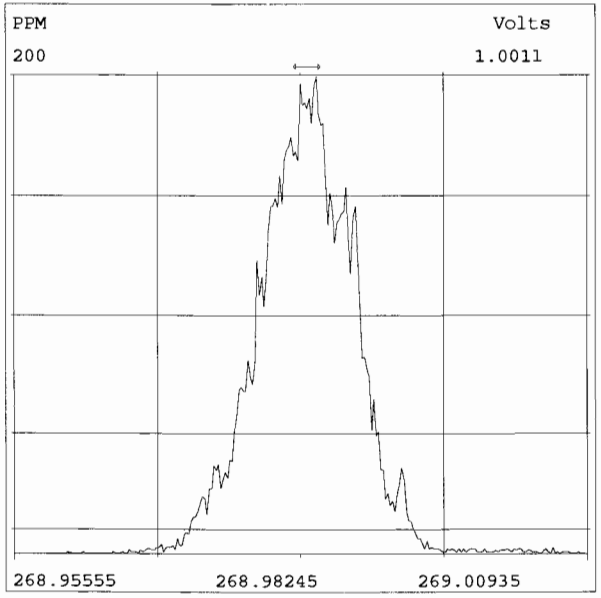
Experiment:PCB_ZB1 Function:2 Reference:PFK

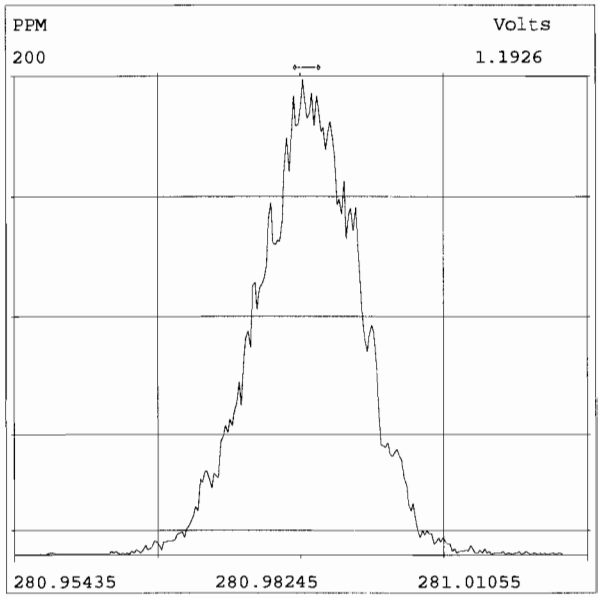






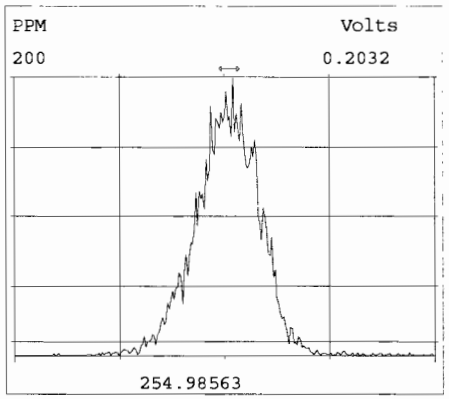


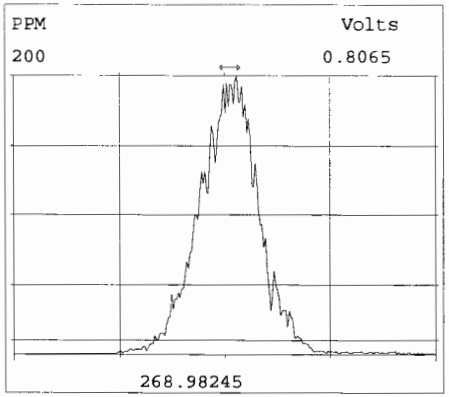


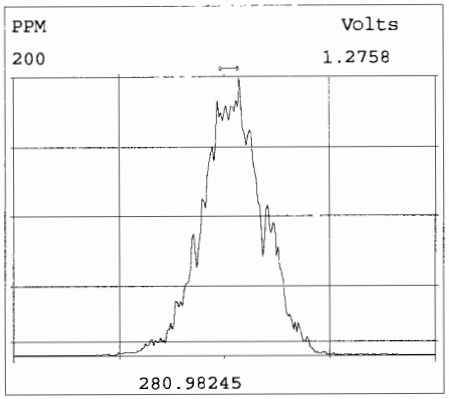


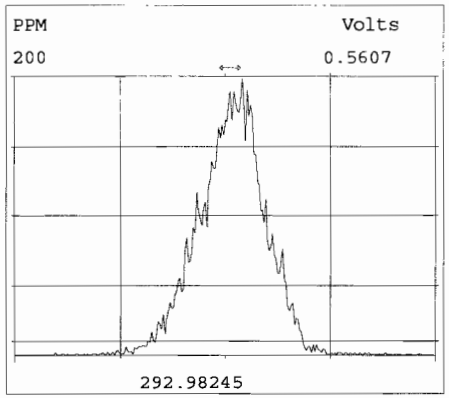
Peak Locate Examination: 8-FEB-2018:17:25 File:RES_CHECK

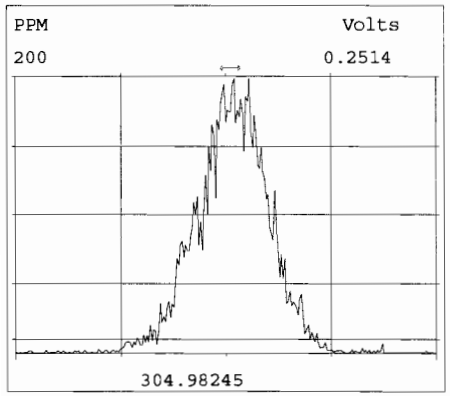
Experiment:PCB_ZB1 Function:3 Reference:PFK

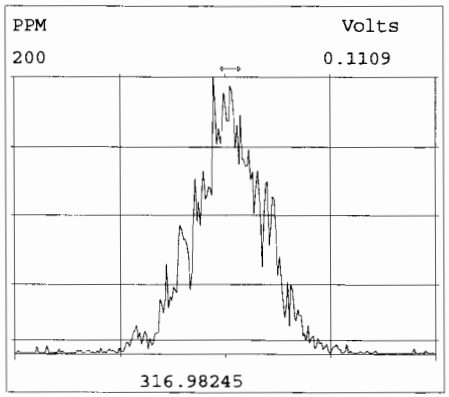


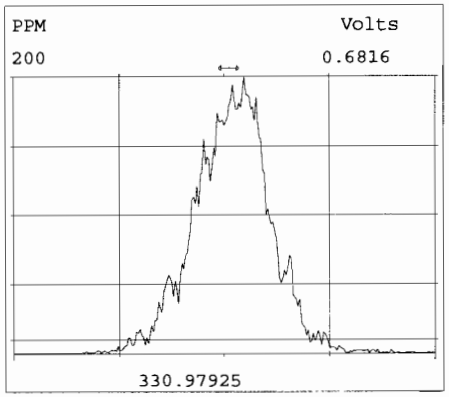


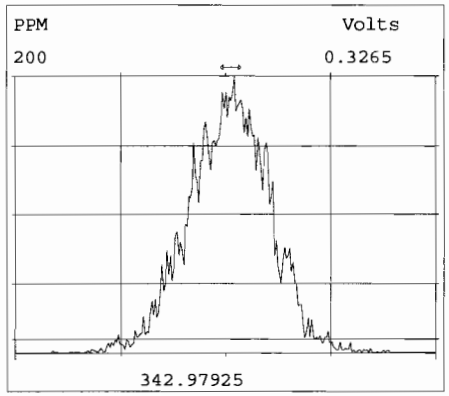


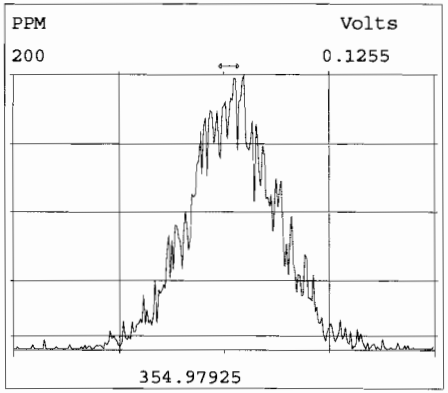


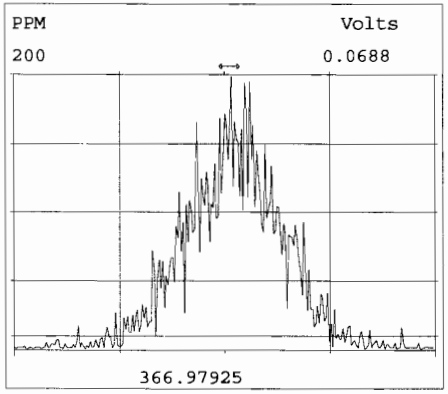


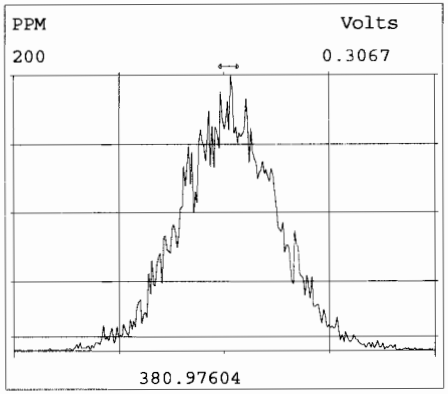






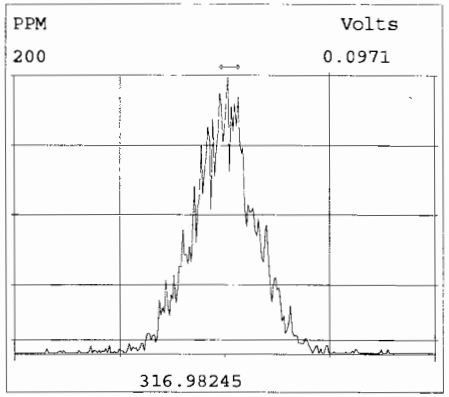


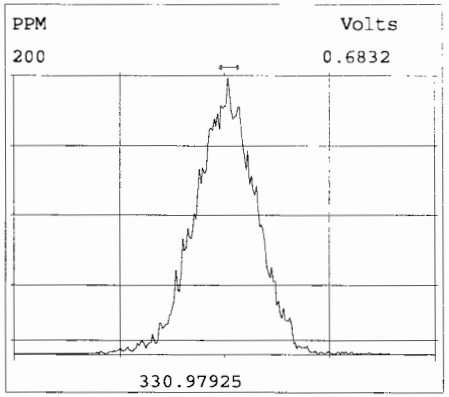


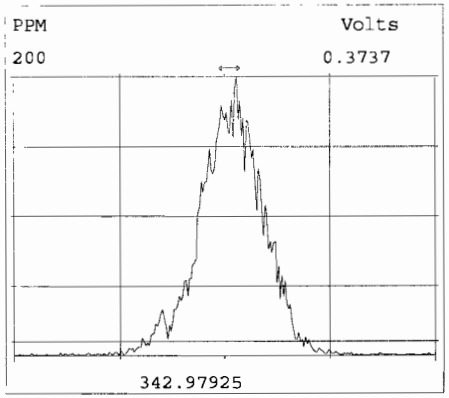


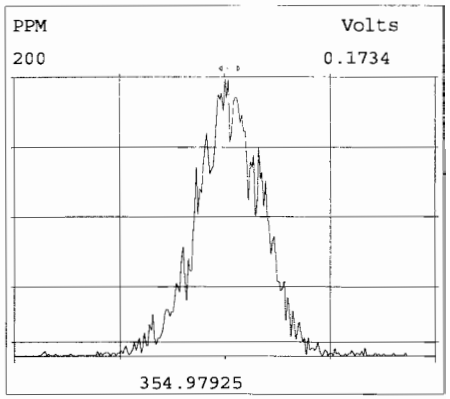
Peak Locate Examination: 8-FEB-2018:17:26 File:RES_CHECK

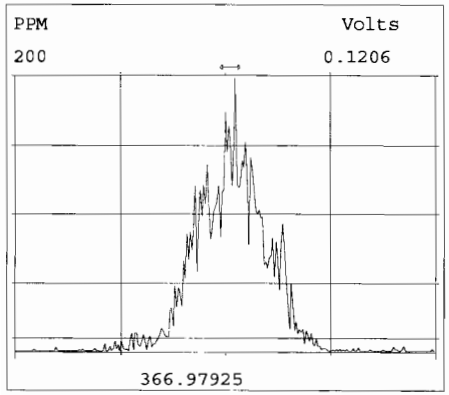
Experiment:PCB_ZB1 Function:4 Reference:PFK

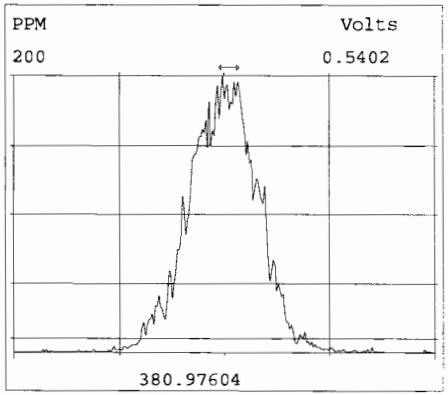


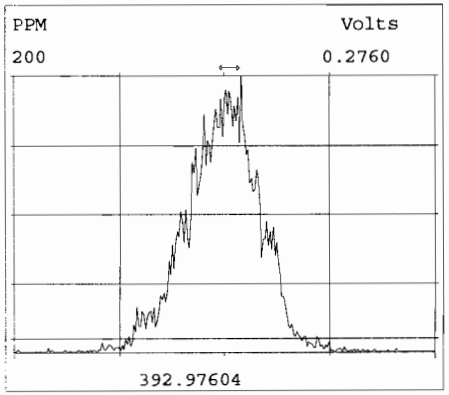


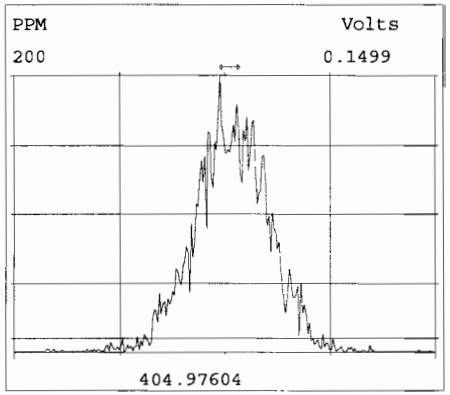


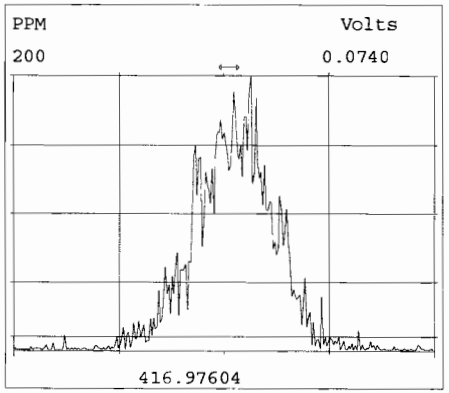


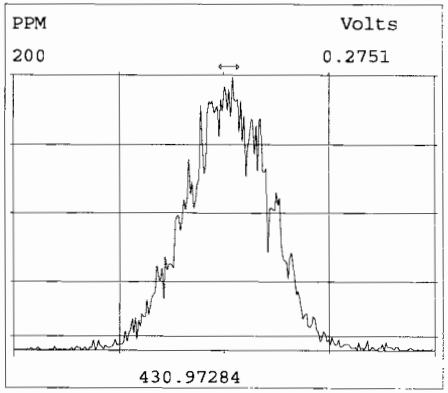


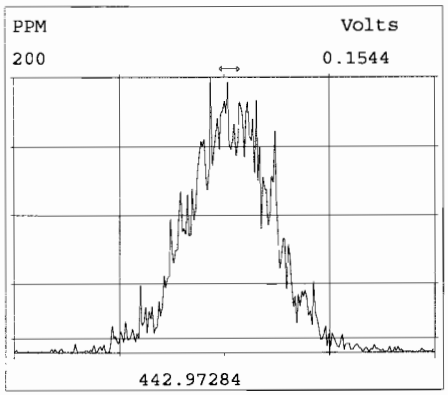






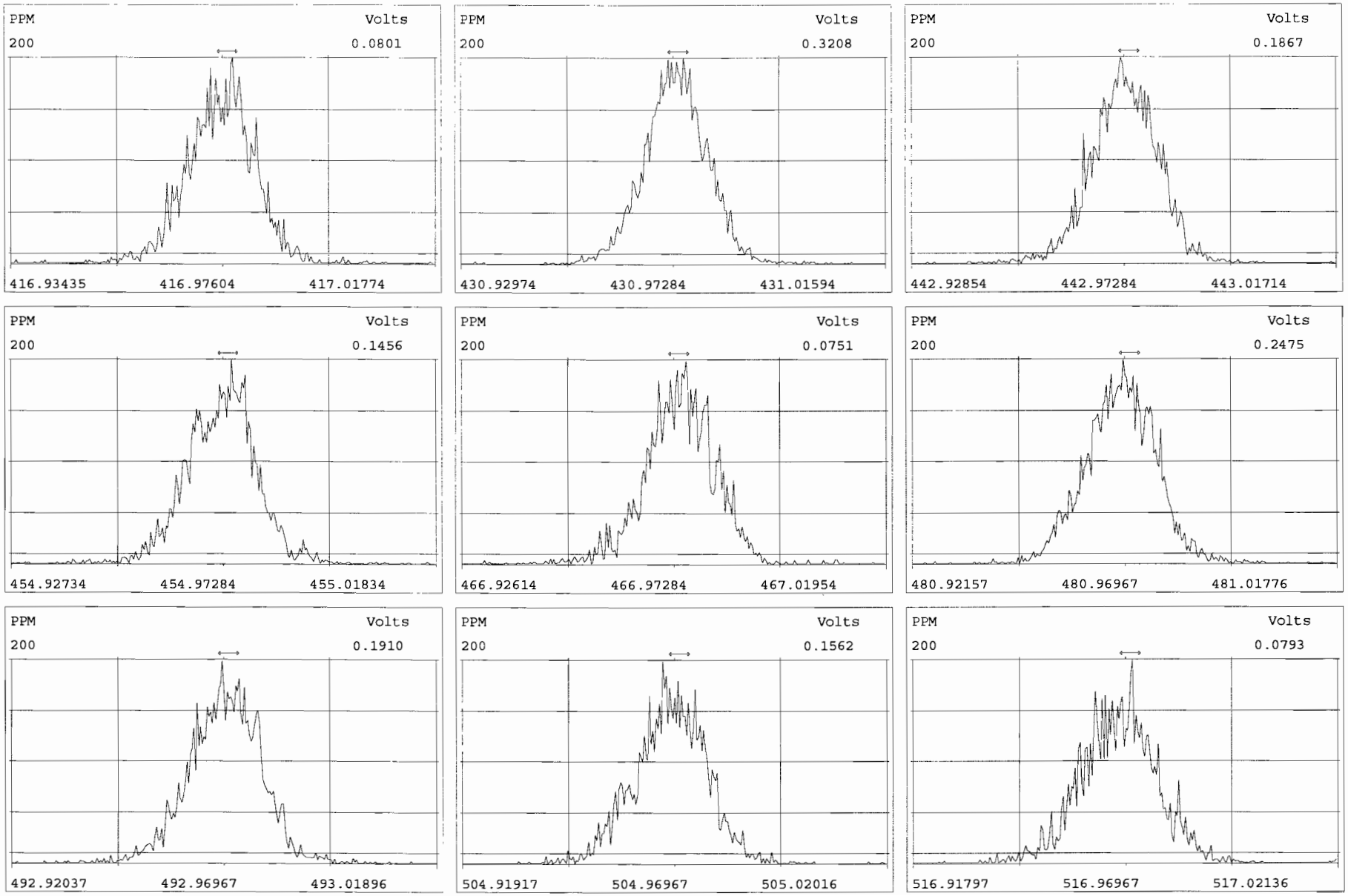






Peak Locate Examination: 8-FEB-2018:17:27 File:RES_CHECK

Experiment:PCB_ZB1 Function:5 Reference:PFK



Client ID: PCB SSS 17C1025 Filename: 180208E1 S:8 Acq: 8-FEB-18 16:10:35 ConCal: NA
Lab ID: SS180208E1-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.0000 EndCAL: NA

	Name	Resp	RA		RRF	RT	RRT	LCL	UCL	Conc
	PCB-1	2.22e+08	3.05	y	1.07	16:00	1.001	0.996	1.006	102.395
	PCB-2	*	*	n	1.06	NotFnd	*	0.983	0.993	*
	PCB-3	2.36e+08	3.03	y	1.06	18:38	1.001	0.996	1.006	101.477
	PCB-4/10	2.68e+08	1.55	y	1.24	20:00	1.002	0.998	1.008	201.198
	PCB-7/9	1.67e+08	1.55	y	0.99	21:46	0.866	0.863	0.871	99.5654
	PCB-6	*	*	n	1.06	NotFnd	*	0.888	0.897	*
	PCB-5/8	1.75e+08	1.56	y	1.03	22:50	0.908	0.904	0.913	100.722
	PCB-14	*	*	n	1.03	NotFnd	*	0.948	0.958	*
	PCB-11	1.70e+08	1.55	y	1.11	25:10	1.001	0.996	1.006	89.2281
	PCB-12/13	1.64e+08	1.55	y	1.02	25:35	1.018	1.011	1.021	93.8995
	PCB-15	1.77e+08	1.55	y	1.05	25:51	1.028	1.023	1.033	97.7108
	PCB-19	6.67e+07	1.06	y	1.20	24:08	1.001	0.996	1.006	46.7713
	PCB-30	*	*	n	1.93	NotFnd	*	1.034	1.044	*
	PCB-18	7.06e+07	1.05	y	0.91	25:48	0.954	0.948	0.958	44.3819
	PCB-17	*	*	n	0.84	NotFnd	*	0.955	0.965	*
	PCB-24/27	*	*	n	1.15	NotFnd	*	0.977	0.986	*
-	PCB-16/32	*	*	n	1.02	NotFnd	*	0.995	1.005	*
-	PCB-34	*	*	n	0.96	NotFnd	*	0.955	0.965	*
	PCB-23	*	*	n	0.95	NotFnd	*	0.958	0.968	*
	PCB-29	*	*	n	0.96	NotFnd	*	0.966	0.976	*
	PCB-26	*	*	n	1.00	NotFnd	*	0.974	0.984	*
	PCB-25	*	*	n	1.06	NotFnd	*	0.980	0.990	*
	PCB-31	7.53e+07	1.05	y	1.12	28:55	0.997	0.992	1.002	45.4482
	PCB-28	7.70e+07	1.06	y	1.14	29:01	1.000	0.995	1.005	45.6172
	PCB-20/21/33	7.52e+07	1.04	y	1.00	29:40	1.023	1.017	1.027	50.8893
	PCB-22	*	*	n	1.09	NotFnd	*	1.032	1.042	*
	PCB-36	*	*	n	1.15	NotFnd	*	0.929	0.939	*
	PCB-39	*	*	n	1.07	NotFnd	*	0.943	0.953	*
	PCB-38	7.04e+07	1.05	y	1.10	31:56	0.971	0.966	0.976	42.5182
	PCB-35	7.48e+07	1.05	y	1.12	32:28	0.987	0.982	0.992	44.3277
	PCB-37	8.05e+07	1.04	y	1.11	32:54	1.001	0.996	1.006	48.1636
	PCB-54	8.03e+07	0.77	y	1.07	27:54	1.001	0.996	1.006	48.0310
	PCB-50	*	*	n	0.87	NotFnd	*	1.038	1.048	*
	PCB-53	*	*	n	1.01	NotFnd	*	0.940	0.950	*
	PCB-51	*	*	n	1.10	NotFnd	*	0.952	0.962	*
	PCB-45	*	*	n	0.87	NotFnd	*	0.965	0.975	*
	PCB-46	*	*	n	0.84	NotFnd	*	0.980	0.990	*

Name	Resp	RA		RRF	RT	RRT	LCL	UCL	Conc
PCB-52/69	7.19e+07	0.78	y	1.212	31:26	1.000	0.996	1.006	46.6387
PCB-73	*	*	n	1.453	NotFnd	*	1.000	1.010	*
PCB-43/49	6.62e+07	0.79	y	1.011	31:45	1.010	1.005	1.015	51.4291
PCB-47	*	*	n	0.906	NotFnd	*	0.995	1.005	*
PCB-48/75	*	*	n	1.134	NotFnd	*	0.999	1.009	*
PCB-65	*	*	n	1.271	NotFnd	*	1.007	1.017	*
PCB-62	*	*	n	1.096	NotFnd	*	1.011	1.021	*
PCB-44	5.74e+07	0.77	y	0.855	32:45	1.026	1.020	1.030	48.9519
PCB-42/59	*	*	n	1.021	NotFnd	*	1.027	1.037	*
PCB-41/64/71/72	*	*	n	1.166	NotFnd	*	1.046	1.056	*
PCB-68	*	*	n	1.278	NotFnd	*	1.054	1.064	*
PCB-40	*	*	n	0.624	NotFnd	*	1.060	1.070	*
PCB-57	8.38e+07	0.78	y	1.129	34:23	0.970	0.965	0.975	44.8332
PCB-67	*	*	n	1.103	NotFnd	*	0.973	0.983	*
PCB-58	*	*	n	1.123	NotFnd	*	0.977	0.987	*
PCB-63	*	*	n	1.001	NotFnd	*	0.981	0.991	*
PCB-74	8.96e+07	0.78	y	1.184	35:15	0.994	0.989	0.999	45.7364
PCB-61/70	9.01e+07	0.78	y	1.028	35:27	1.000	0.994	1.004	52.9735
PCB-76/66	8.80e+07	0.78	y	1.134	35:40	1.006	1.000	1.010	46.8551
PCB-80	*	*	n	1.193	NotFnd	*	0.995	1.005	*
PCB-55	*	*	n	1.159	NotFnd	*	1.004	1.014	*
PCB-56/60	*	*	n	1.043	NotFnd	*	1.018	1.028	*
PCB-79	8.69e+07	0.78	y	1.169	37:45	1.052	1.047	1.057	45.4161
PCB-78	7.87e+07	0.77	y	1.105	38:27	0.987	0.982	0.992	44.0666
PCB-81	8.72e+07	0.77	y	0.969	38:59	1.001	0.995	1.005	55.6571
PCB-77	8.41e+07	0.78	y	1.082	39:34	1.000	0.995	1.005	51.4309
PCB-104	6.41e+07	1.60	y	1.078	32:36	1.001	0.996	1.006	54.7856
PCB-96	*	*	n	1.131	NotFnd	*	1.034	1.044	*
PCB-103	*	*	n	0.908	NotFnd	*	1.051	1.061	*
PCB-100	*	*	n	0.925	NotFnd	*	1.062	1.072	*
PCB-94	*	*	n	0.914	NotFnd	*	0.981	0.991	*
PCB-95/98/102	4.75e+07	1.57	y	1.172	35:46	1.001	0.994	1.004	48.0795
PCB-93	4.75e+07	1.57	y	0.926	35:46	1.001	0.997	1.007	60.8674
PCB-88/91	*	*	n	0.974	NotFnd	*	1.005	1.015	*
PCB-121	*	*	n	1.681	NotFnd	*	1.009	1.019	*
PCB-84/92	*	*	n	0.973	NotFnd	*	0.985	0.995	*
PCB-89	*	*	n	1.065	NotFnd	*	0.990	1.000	*

Integrations by Analyst: M
Date: 2/22/18

Reviewed by Analyst: JB
Date: 2/22/18

Client ID: PCB SSS 17C1025 Filename: 180208E1 S:8 Acq: 8-FEB-18 16:10:35 ConCal: NA
Lab ID: SS180208E1-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.0000 EndCAL: NA

	Name	Resp	RA		RRF	RT	RRT	LCL	UCL	Conc
	PCB-90/101	5.02e+07	1.58	y	1.08	37:27	1.001	0.995	1.005	55.0836
	PCB-113	*	*	n	1.48	NotFnd	*	1.002	1.012	*
	PCB-99	5.14e+07	1.60	y	1.25	37:46	1.009	1.004	1.014	48.4232
	PCB-119	*	*	n	1.70	NotFnd	*	0.982	0.992	*
	PCB-108/112	*	*	n	1.40	NotFnd	*	0.986	0.996	*
	PCB-83	*	*	n	1.75	NotFnd	*	0.990	1.000	*
	PCB-97	*	*	n	1.17	NotFnd	*	0.995	1.005	*
	PCB-86	*	*	n	1.08	NotFnd	*	0.999	1.009	*
	B-87/117/125	4.42e+07	1.57	y	1.55	39:02	1.008	1.002	1.012	39.0180
	PCB-111/115	6.07e+07	1.61	y	1.79	39:11	1.012	1.006	1.016	46.3720
	PCB-85/116	*	*	n	1.29	NotFnd	*	1.009	1.019	*
	PCB-120	*	*	n	1.98	NotFnd	*	1.016	1.026	*
	PCB-110	6.03e+07	1.61	y	1.69	39:41	1.025	1.020	1.030	49.0609
	PCB-82	*	*	n	0.81	NotFnd	*	0.972	0.982	*
	PCB-124	*	*	n	1.30	NotFnd	*	0.988	0.998	*
	PCB-107/109	*	*	n	1.31	NotFnd	*	0.991	1.001	*
	PCB-123	6.04e+07	1.57	y	1.12	41:19	1.001	0.996	1.006	54.7327
-	PCB-106/118	6.35e+07	1.59	y	1.18	41:29	1.000	0.996	1.006	53.4120
-	PCB-114	5.48e+07	1.54	y	1.11	42:09	1.001	0.995	1.005	47.9085
	PCB-122	*	*	n	1.03	NotFnd	*	0.999	1.009	*
	PCB-105	5.67e+07	1.60	y	1.12	43:00	1.000	0.995	1.005	50.1038
	PCB-127	*	*	n	1.12	NotFnd	*	0.995	1.005	*
	PCB-126	5.84e+07	1.60	y	1.20	45:14	1.001	0.995	1.005	50.5692
	PCB-155	5.02e+07	1.29	y	0.99	36:59	1.000	0.995	1.005	58.0979
	PCB-150	*	*	n	1.02	NotFnd	*	1.030	1.040	*
	PCB-152	*	*	n	1.16	NotFnd	*	1.042	1.052	*
	PCB-145	*	*	n	1.13	NotFnd	*	1.054	1.064	*
	PCB-136	*	*	n	1.02	NotFnd	*	1.063	1.073	*
	PCB-148	*	*	n	0.77	NotFnd	*	1.066	1.076	*
	PCB-154	*	*	n	0.88	NotFnd	*	1.079	1.089	*
	PCB-151	*	*	n	0.75	NotFnd	*	1.095	1.107	*
	PCB-135	*	*	n	0.86	NotFnd	*	1.101	1.113	*
	PCB-144	*	*	n	0.77	NotFnd	*	1.105	1.116	*
	PCB-147	*	*	n	0.80	NotFnd	*	1.108	1.120	*
	PCB-139/149	3.59e+07	1.29	y	0.88	41:26	1.121	1.115	1.127	46.6250
-	PCB-140	*	*	n	0.77	NotFnd	*	1.120	1.132	*
-	PCB-134/143	*	*	n	0.76	NotFnd	*	0.970	0.980	*

	Name	Resp	RA		RRF	RT	RRT	LCL	UCL	Conc
	PCB-131/133	*	*	n	0.82	NotFnd	*	0.977	0.987	*
	PCB-142	*	*	n	0.73	NotFnd	*	0.981	0.991	*
	PCB-146/165	*	*	n	1.02	NotFnd	*	0.986	0.996	*
	PCB-132/161	*	*	n	1.00	NotFnd	*	0.992	1.002	*
	PCB-153	5.90e+07	1.22	y	1.08	43:10	1.000	0.995	1.005	46.5595
	PCB-168	*	*	n	1.12	NotFnd	*	1.000	1.010	*
	PCB-141	*	*	n	1.02	NotFnd	*	0.995	1.005	*
	PCB-137	*	*	n	1.10	NotFnd	*	1.004	1.014	*
	PCB-130	*	*	n	0.81	NotFnd	*	1.007	1.017	*
	PCB-138/163/164	5.21e+07	1.26	y	1.23	44:44	1.000	0.996	1.006	41.3775
	PCB-158/160	*	*	n	1.18	NotFnd	*	1.001	1.011	*
	PCB-129	*	*	n	0.78	NotFnd	*	1.007	1.017	*
	PCB-166	*	*	n	1.13	NotFnd	*	0.988	0.998	*
	PCB-159	*	*	n	1.16	NotFnd	*	0.995	1.005	*
	PCB-128/162	6.32e+07	1.23	y	0.89	46:18	1.007	1.002	1.012	58.9294
	PCB-167	6.88e+07	1.24	y	1.02	46:42	1.000	0.995	1.005	54.9220
	PCB-156	6.19e+07	1.22	y	1.06	47:59	1.000	0.995	1.005	48.3899
	PCB-157	6.90e+07	1.24	y	1.02	48:15	1.000	0.996	1.006	57.1230
	PCB-169	6.42e+07	1.26	y	1.13	50:27	1.000	0.995	1.005	47.9561
	PCB-188	5.98e+07	1.05	y	1.37	42:48	1.001	0.995	1.005	50.0368
	PCB-184	*	*	n	1.32	NotFnd	*	1.006	1.016	*
	PCB-179	*	*	n	1.38	NotFnd	*	1.024	1.034	*
	PCB-176	*	*	n	1.31	NotFnd	*	1.035	1.045	*
	PCB-186	*	*	n	1.42	NotFnd	*	1.049	1.059	*
	PCB-178	4.21e+07	1.05	y	0.97	45:35	1.066	1.060	1.070	49.9387
	PCB-175	*	*	n	1.00	NotFnd	*	1.069	1.079	*
	PCB-182/187	4.58e+07	1.04	y	1.14	46:05	1.077	1.072	1.082	46.0735
	PCB-183	*	*	n	1.13	NotFnd	*	1.080	1.090	*
	PCB-185	*	*	n	1.36	NotFnd	*	0.950	0.960	*
	PCB-174	4.00e+07	1.05	y	1.42	47:26	0.963	0.958	0.968	48.7634
	PCB-181	*	*	n	1.48	NotFnd	*	0.960	0.970	*
	PCB-177	*	*	n	1.33	NotFnd	*	0.963	0.973	*
	PCB-171	*	*	n	1.37	NotFnd	*	0.969	0.979	*
	PCB-173	*	*	n	1.27	NotFnd	*	0.978	0.988	*
	PCB-172	*	*	n	1.39	NotFnd	*	0.987	0.997	*
	PCB-192	*	*	n	1.80	NotFnd	*	0.991	1.001	*
	PCB-180	4.81e+07	1.06	y	1.52	49:17	1.001	0.995	1.005	54.7469

Integrations by Analyst: MI

Date: 2/22/18

Client ID: PCB SSS 17C1025 Filename: 180208E1 S:8 Acq: 8-FEB-18 16:10:35 ConCal: NA
Lab ID: SS180208E1-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.0000 EndCAL: NA

	Name	Resp	RA		RRF	RT	RRT	LCL	UCL	Conc
	PCB-193	*	*	n	1.71	NotFnd	*	0.999	1.009	*
	PCB-191	*	*	n	1.74	NotFnd	*	1.005	1.015	*
	PCB-170	3.86e+07	1.06	y	1.44	50:51	1.000	0.995	1.005	52.8332
	PCB-190	*	*	n	1.95	NotFnd	*	0.999	1.009	*
	PCB-189	5.12e+07	1.06	y	1.46	52:27	1.000	0.995	1.005	52.0074
	PCB-202	4.25e+07	0.89	y	1.06	48:12	1.000	0.995	1.005	51.6703
	PCB-201	*	*	n	0.98	NotFnd	*	1.006	1.016	*
	PCB-204	*	*	n	1.07	NotFnd	*	1.009	1.019	*
	PCB-197	*	*	n	1.10	NotFnd	*	1.015	1.025	*
	PCB-200	3.95e+07	0.88	y	1.04	50:03	1.039	1.034	1.044	48.8158
	PCB-198	*	*	n	0.84	NotFnd	*	1.065	1.075	*
	PCB-199	*	*	n	0.80	NotFnd	*	1.067	1.077	*
-	PCB-196/203	3.20e+07	0.90	y	0.84	51:55	1.077	1.072	1.082	49.0692
-	PCB-195	3.05e+07	0.90	y	1.04	53:08	0.984	0.979	0.989	47.2777
	PCB-194	3.22e+07	0.88	y	1.16	54:01	1.000	0.995	1.005	44.7181
	PCB-205	4.00e+07	0.91	y	1.33	54:18	1.005	1.000	1.010	48.3825
	PCB-208	4.19e+07	1.31	y	0.90	53:17	1.000	0.995	1.005	49.3481
	PCB-207	*	*	n	0.89	NotFnd	*	1.001	1.011	*
	PCB-206	2.86e+07	1.31	y	0.88	55:34	1.000	0.995	1.005	48.6309
	PCB-209	3.39e+07	1.20	y	1.04	56:53	1.000	0.995	1.005	53.2317

Name	Resp	RA		RT	RRF	Conc	
Total Mono-PCB	4.59e+08	3.05	y	16:00	1.06	203.872	
Total Di-PCB	1.12e+09	1.55	y	20:00	1.04	682.324	
Total Tri-PCB	1.37e+08	1.06	y	24:08	1.15	91.1532	
Total Tri-PCB	4.53e+08	1.05	y	28:55	1.05	276.964	Sum:368.117
Total Tetra-PCB	9.64e+08	0.77	y	27:54	1.06	582.020	
Total Penta-PCB	5.02e+08	1.60	y	32:36	1.18	461.779	
Total Penta-PCB	1.70e+08	1.54	y	42:09	1.12	148.582	Sum:610.361
Total Hexa-PCB	8.61e+07	1.29	y	36:59	0.91	104.723	
Total Hexa-PCB	4.38e+08	1.22	y	43:10	1.00	355.257	Sum:459.980
Total Hepta-PCB	3.26e+08	1.05	y	42:48	1.35	354.400	
Total Octa-PCB	1.14e+08	0.89	y	48:12	0.95	149.555	
Total Octa-PCB	1.04e+08	0.90	y	53:08	1.17	142.824	Sum:292.379
Total Nona-PCB	7.21e+07	1.31	y	53:17	0.89	100.002	
Total Deca-PCB	3.39e+07	1.20	y	56:53	1.04	53.2317	

Total PCB Conc:3750.27429300

Integrations
by
Analyst: MI

Date: 2/22/18

Client ID: PCB SSS 17C1025 Filename: 180208E1 S:8 Acq: 8-FEB-18 16:10:35 ConCal: NA
Lab ID: SS180208E1-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol:1.0000 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL-UCL	Conc	Rec
13C-PCB-1	2.02e+08	3.17 y	1.13	15:59	0.618	0.616-0.622	98.0	98.0
13C-PCB-3	2.20e+08	3.24 y	1.21	18:37	0.720	0.716-0.724	99.3	99.3
13C-PCB-4	1.08e+08	1.53 y	0.59	19:57	0.772	0.769-0.777	99.3	99.3
13C-PCB-9	1.69e+08	1.52 y	0.94	21:45	0.842	0.837-0.845	98.4	98.4
13C-PCB-11	1.72e+08	1.54 y	0.95	25:08	0.973	0.968-0.978	99.1	99.1
13C-PCB-19	1.19e+08	1.07 y	0.62	24:07	0.933	0.928-0.938	105	105
13C-PCB-28	1.49e+08	1.02 y	1.05	29:01	1.004	0.999-1.009	96.9	96.9
13C-PCB-32	1.74e+08	1.05 y	0.91	27:03	1.047	1.041-1.051	105	105
13C-PCB-37	1.50e+08	1.05 y	1.02	32:53	1.138	1.132-1.144	101	101
13C-PCB-47	1.37e+08	0.81 y	0.83	31:56	0.871	0.867-0.875	100	100
13C-PCB-52	1.27e+08	0.81 y	0.76	31:26	0.857	0.853-0.861	102	102
13C-PCB-54	1.56e+08	0.81 y	0.93	27:53	0.760	0.756-0.764	102	102
13C-PCB-70	1.65e+08	0.80 y	1.00	35:27	0.966	0.961-0.971	101	101
13C-PCB-77	1.51e+08	0.80 y	0.96	39:33	1.078	1.073-1.083	96.1	96.1
13C-PCB-80	1.64e+08	0.80 y	1.00	35:52	0.978	0.973-0.983	100	100
13C-PCB-81	1.62e+08	0.81 y	1.01	38:58	1.062	1.057-1.067	98.0	98.0
13C-PCB-95	8.43e+07	1.59 y	0.80	35:44	0.913	0.908-0.918	102	102
13C-PCB-97	7.29e+07	1.59 y	0.70	38:44	0.989	0.984-0.994	101	101
13C-PCB-101	8.46e+07	1.60 y	0.80	37:26	0.956	0.951-0.961	102	102
13C-PCB-104	1.09e+08	1.62 y	1.01	32:35	0.832	0.828-0.836	104	104
13C-PCB-105	1.01e+08	1.56 y	1.14	42:59	0.929	0.924-0.934	100	100
13C-PCB-114	1.03e+08	1.59 y	1.18	42:07	0.910	0.905-0.915	98.7	98.7
13C-PCB-118	1.01e+08	1.59 y	1.00	41:28	1.059	1.054-1.064	98.1	98.1
13C-PCB-123	9.86e+07	1.58 y	0.95	41:17	1.054	1.049-1.059	101	101
13C-PCB-126	9.62e+07	1.55 y	1.14	45:13	0.977	0.972-0.982	96.0	96.0
13C-PCB-127	1.08e+08	1.58 y	1.24	43:19	0.936	0.931-0.941	98.5	98.5
13C-PCB-138	1.02e+08	1.28 y	1.17	44:43	0.967	0.962-0.972	98.6	98.6
13C-PCB-141	9.79e+07	1.26 y	1.11	43:53	0.948	0.944-0.954	100	100
13C-PCB-153	1.18e+08	1.25 y	1.34	43:09	0.933	0.928-0.938	100.0	100.0
13C-PCB-155	8.75e+07	1.31 y	0.83	36:58	0.944	0.939-0.949	103	103
13C-PCB-156	1.20e+08	1.28 y	1.38	47:58	1.037	1.032-1.042	98.8	98.8
13C-PCB-157	1.18e+08	1.28 y	1.37	48:14	1.042	1.037-1.047	97.4	97.4
13C-PCB-159	1.20e+08	1.25 y	1.39	45:60	0.994	0.989-0.999	98.4	98.4
13C-PCB-167	1.23e+08	1.27 y	1.40	46:41	1.009	1.004-1.014	99.6	99.6
13C-PCB-169	1.18e+08	1.25 y	1.39	50:27	1.090	1.085-1.095	96.6	96.6
13C-PCB-170	5.09e+07	0.46 y	0.86	50:51	1.103	1.097-1.109	97.7	97.7
13C-PCB-180	5.80e+07	0.46 y	0.98	49:15	1.069	1.064-1.074	97.8	97.8
13C-PCB-188	8.70e+07	0.46 y	1.40	42:47	0.928	0.923-0.933	103	103
13C-PCB-189	6.75e+07	0.47 y	1.15	52:27	1.138	1.132-1.144	96.9	96.9
13C-PCB-194	6.22e+07	0.90 y	0.77	54:01	0.995	0.990-1.000	99.5	99.5
13C-PCB-202	7.76e+07	0.93 y	1.28	48:11	1.045	1.040-1.050	99.8	99.8
13C-PCB-206	6.68e+07	0.78 y	0.81	55:33	1.023	1.019-1.029	102	102
13C-PCB-208	9.49e+07	0.79 y	1.09	53:16	0.981	0.977-0.987	107	107
13C-PCB-209	6.11e+07	1.19 y	0.74	56:52	1.048	1.043-1.053	102	102

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL-UCL	Conc	Rec
13C-PCB-79	1.66e+08	0.80 y	1.03	37:45	1.029	1.024-1.034	98.0	98.0
13C-PCB-178	5.63e+07	0.45 y	0.93	45:34	0.985	0.980-0.990	100	100

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL-UCL	Conc	Rec
13C-PCB-79	1.66e+08	0.80 y	1.03	37:45	0.969	0.963-0.973	100.0	100.0
13C-PCB-178	5.63e+07	0.45 y	0.95	45:34	0.925	0.920-0.930	102	102

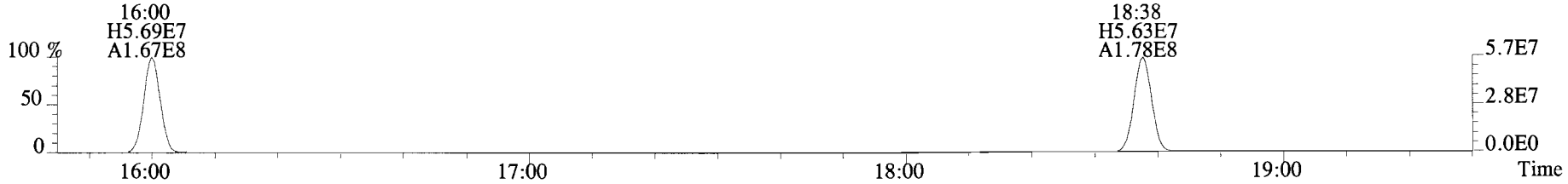
RS

Name	Resp	RA	RRF	RT	Conc
13C-PCB-15	1.83e+08	1.55 y	1.00	25:51	100
13C-PCB-31	1.46e+08	1.03 y	1.00	28:54	100
13C-PCB-60	1.64e+08	0.80 y	1.00	36:41	100
13C-PCB-111	1.03e+08	1.57 y	1.00	39:10	100
13C-PCB-128	8.81e+07	1.26 y	1.00	46:16	100
13C-PCB-182	6.07e+07	0.47 y	1.00	46:06	100
13C-PCB-205	8.12e+07	0.92 y	1.00	54:17	100

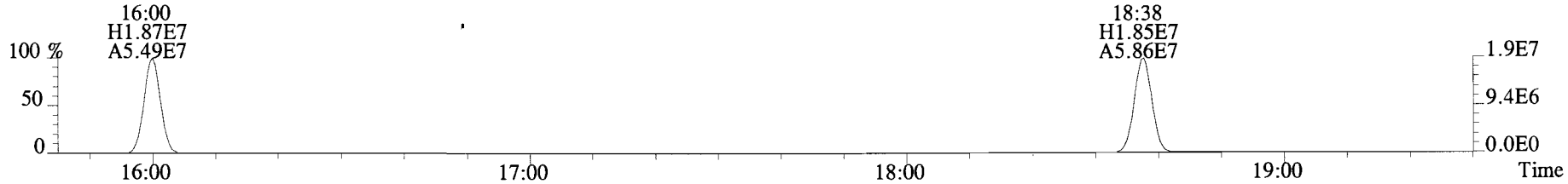
Analyst: MI

Date: 2/22/18

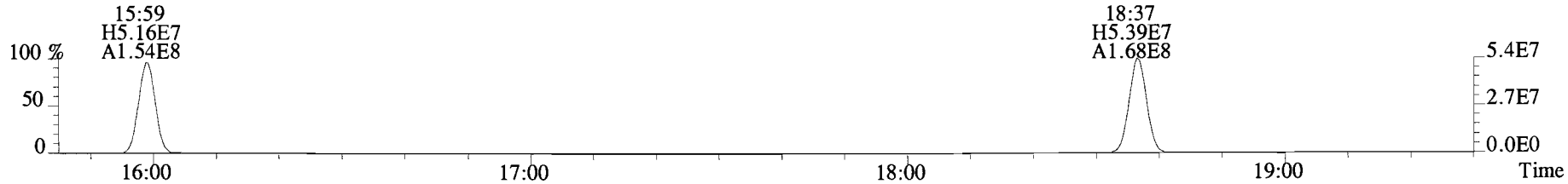
File:180208E1 #1-867 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
188.0393 S:8 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8184.0,0.00%,F,F)



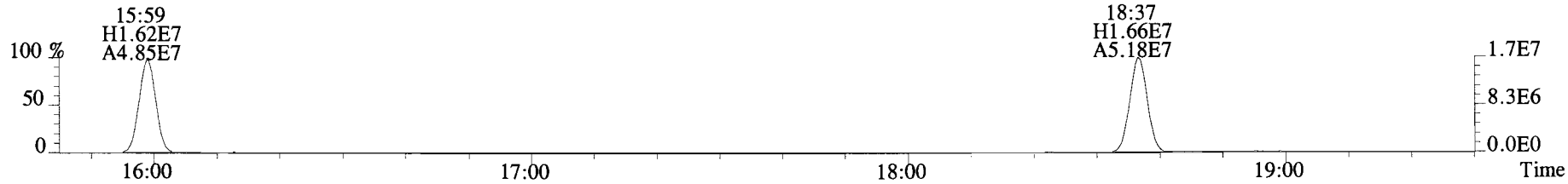
190.0363 S:8 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5228.0,0.00%,F,F)



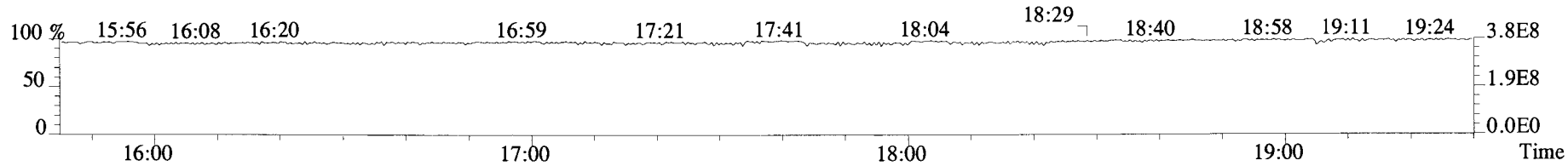
200.0795 S:8 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5992.0,0.00%,F,F)



202.0766 S:8 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38260.0,0.00%,F,F)

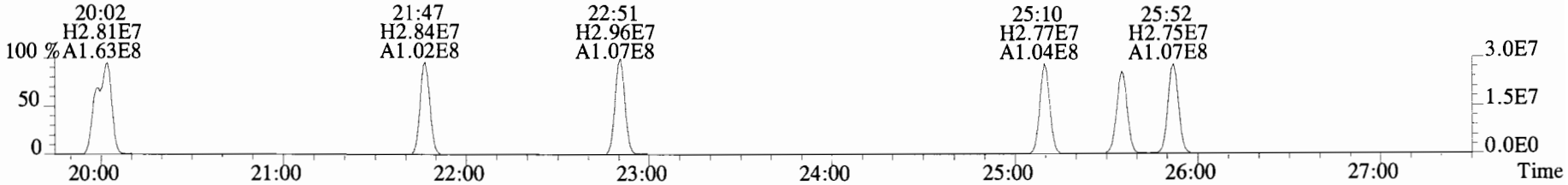


180.9880 S:8

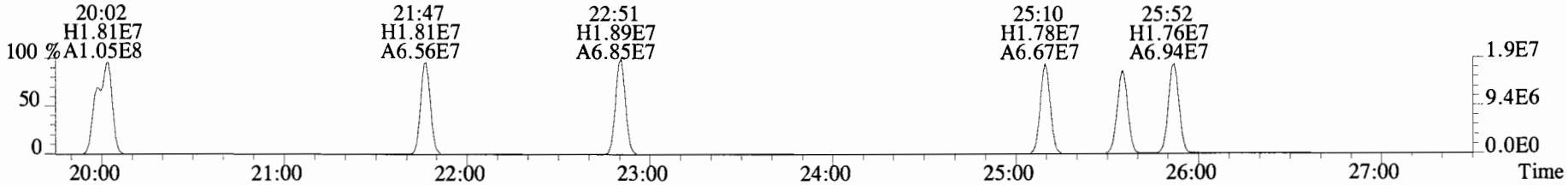


File:180208E1 #1-757 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1

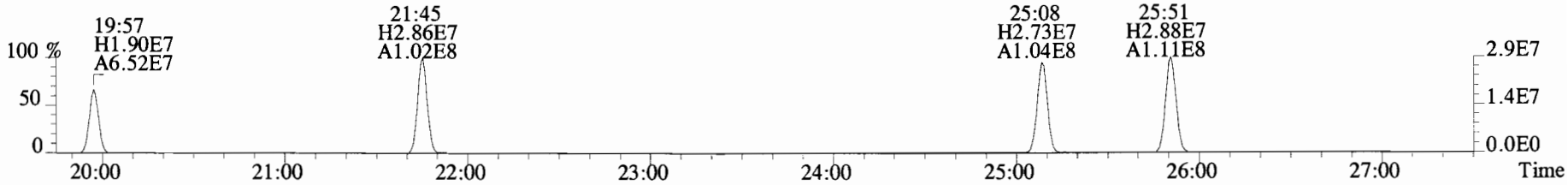
222.0003 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4540.0,0.00%,F,F)



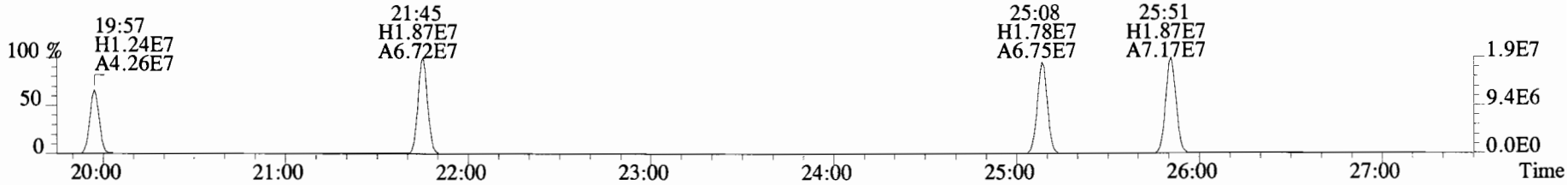
223.9974 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10300.0,0.00%,F,F)



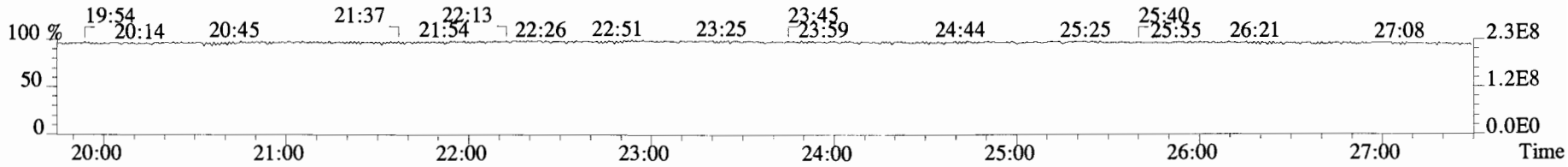
234.0406 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5316.0,0.00%,F,F)



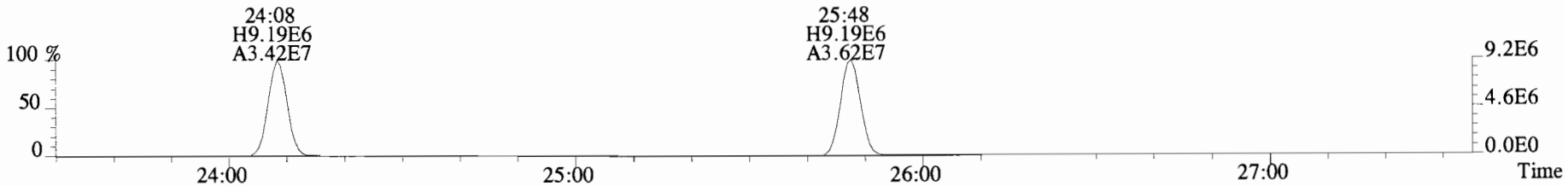
236.0376 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4056.0,0.00%,F,F)



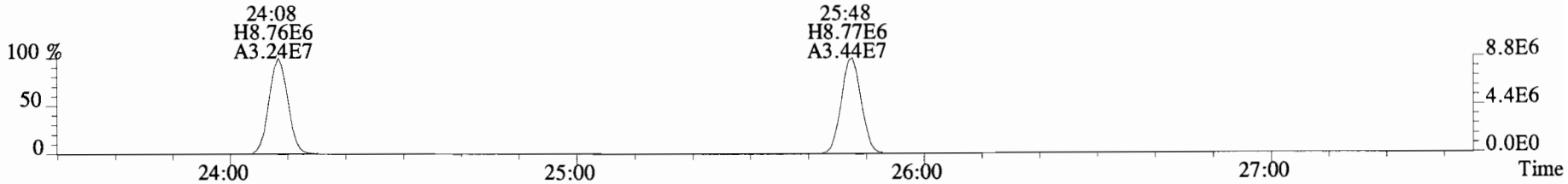
230.9856 S:8 F:2



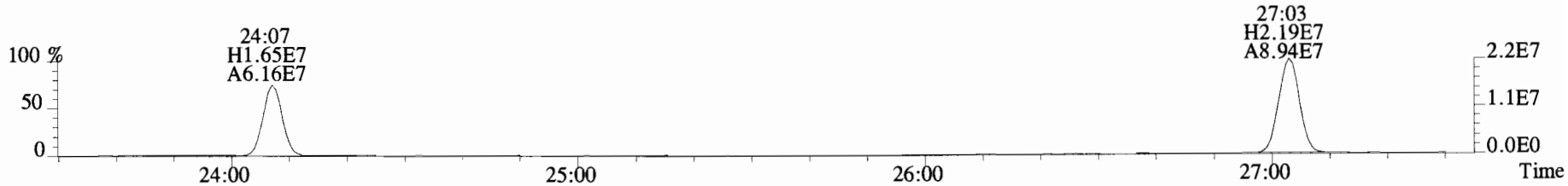
File:180208E1 #1-757 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
255.9613 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4292.0,0.00%,F,F)



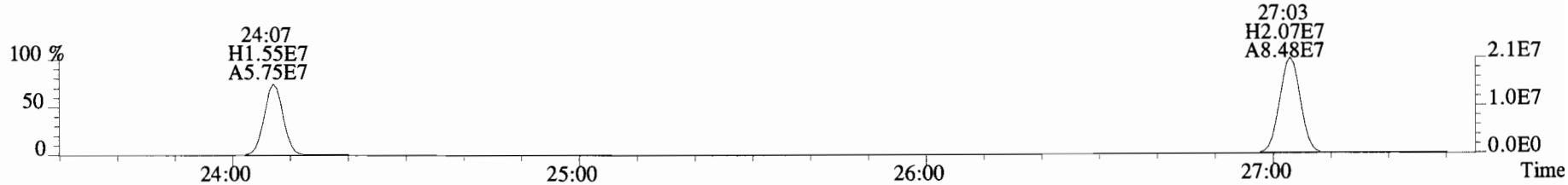
257.9584 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3252.0,0.00%,F,F)



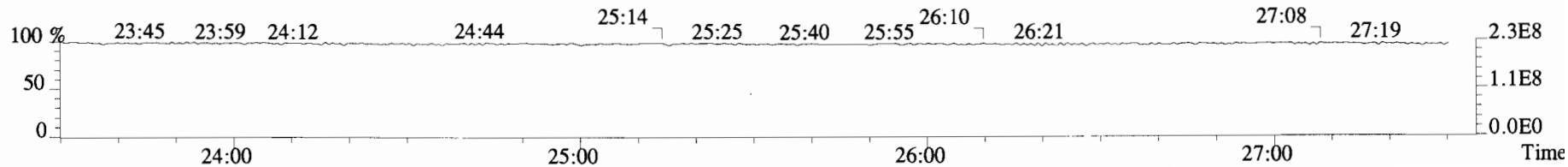
268.0016 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,75768.0,0.00%,F,F)



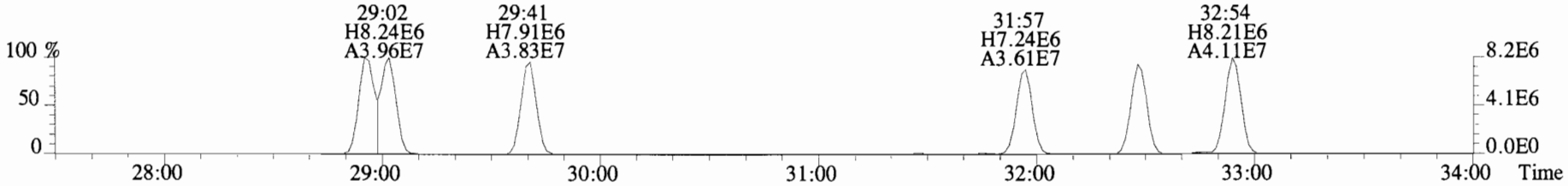
269.9986 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,31388.0,0.00%,F,F)



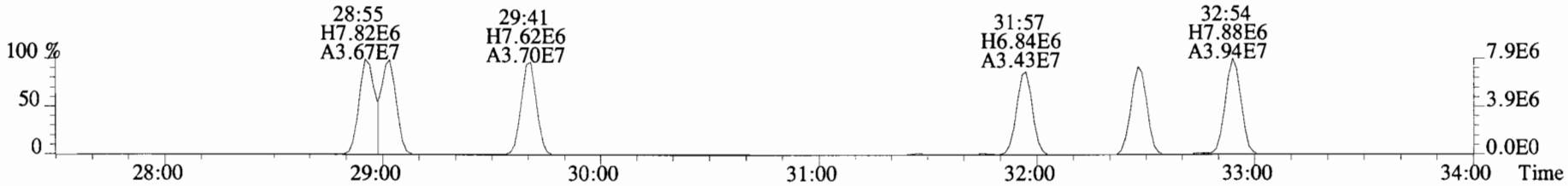
230.9856 S:8 F:2



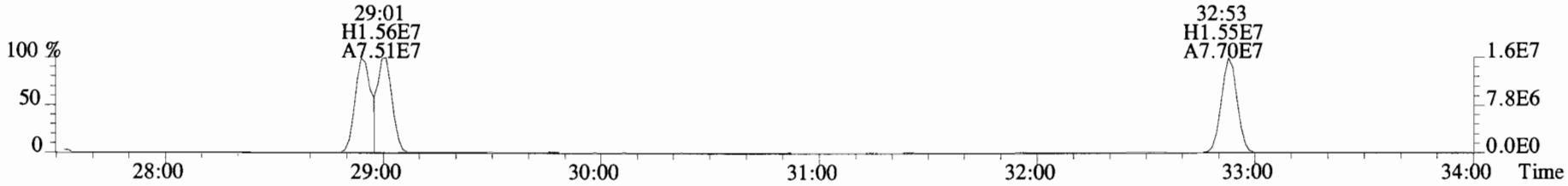
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
255.9613 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5224.0,0.00%,F,F)



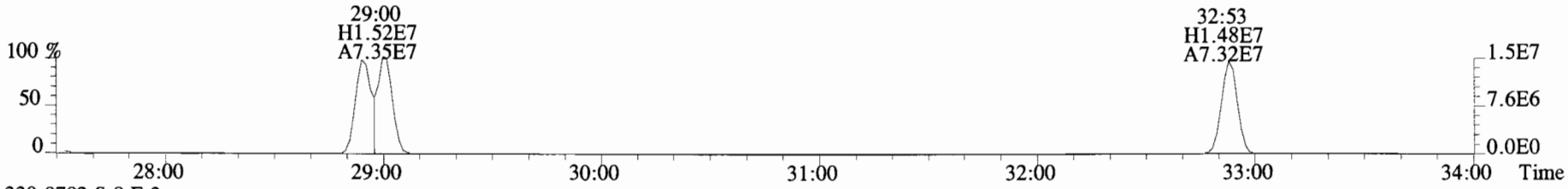
257.9584 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4788.0,0.00%,F,F)



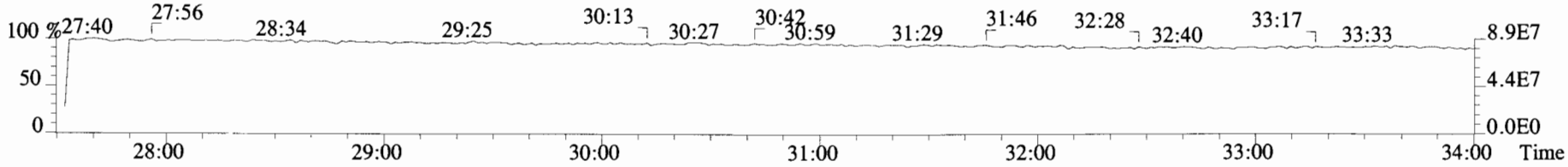
268.0016 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,47792.0,0.00%,F,F)



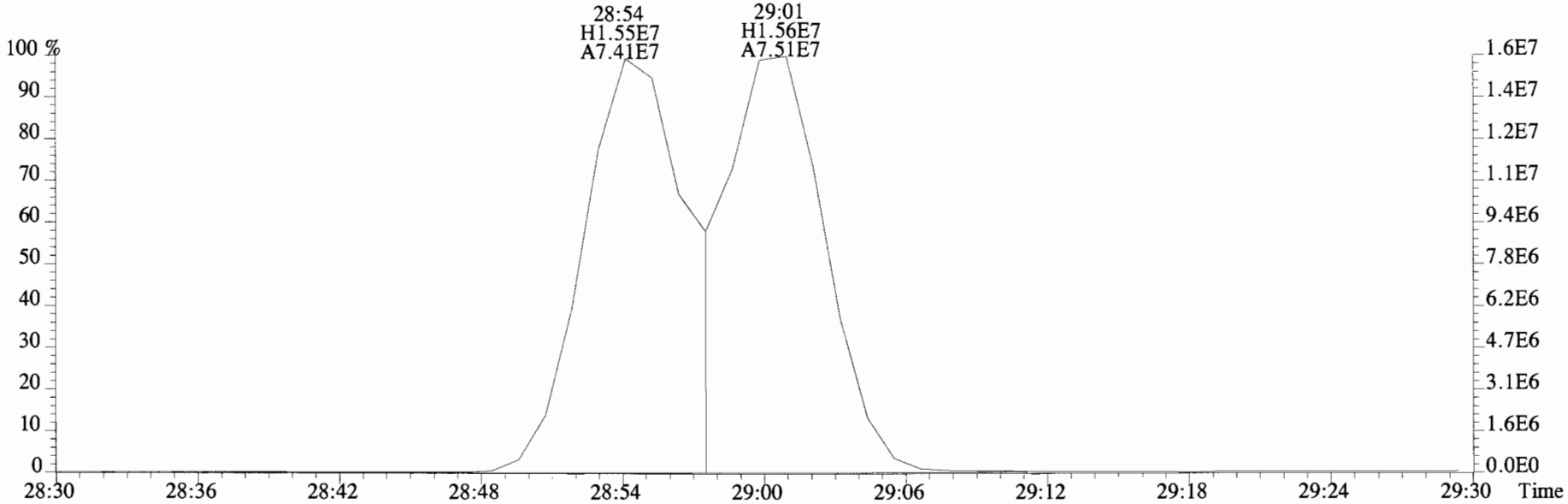
269.9986 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20416.0,0.00%,F,F)



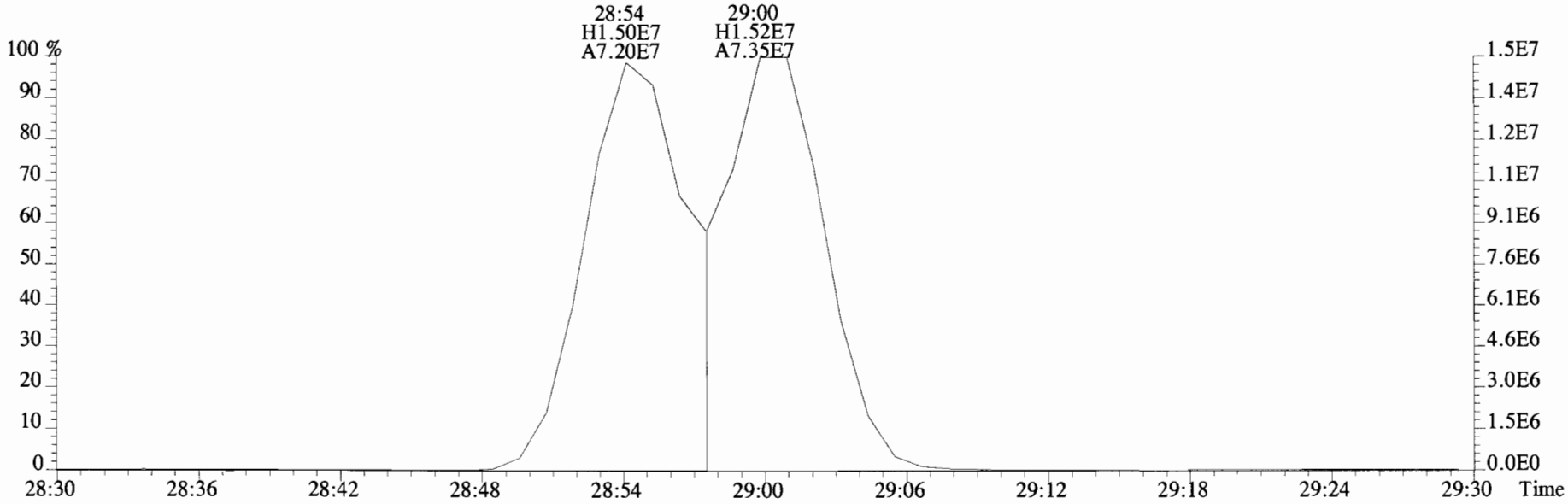
330.9792 S:8 F:3



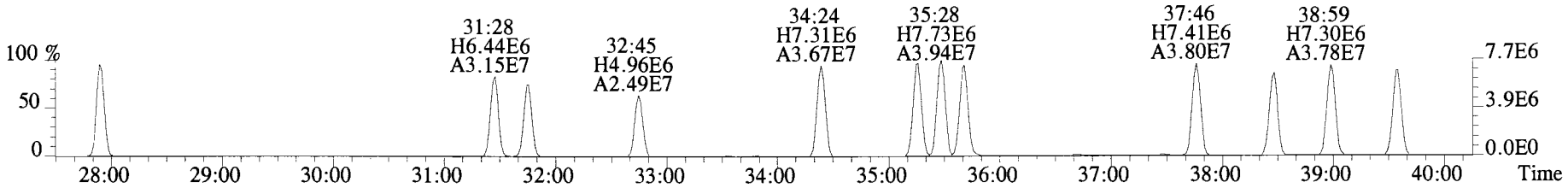
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
268.0016 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,47792.0,0.00%,F,F)



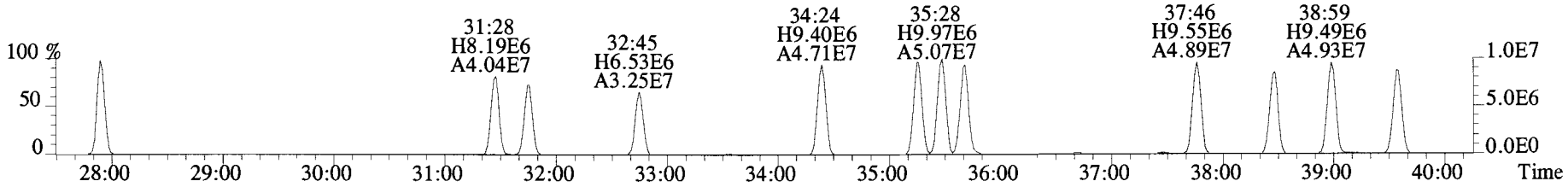
269.9986 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20416.0,0.00%,F,F)



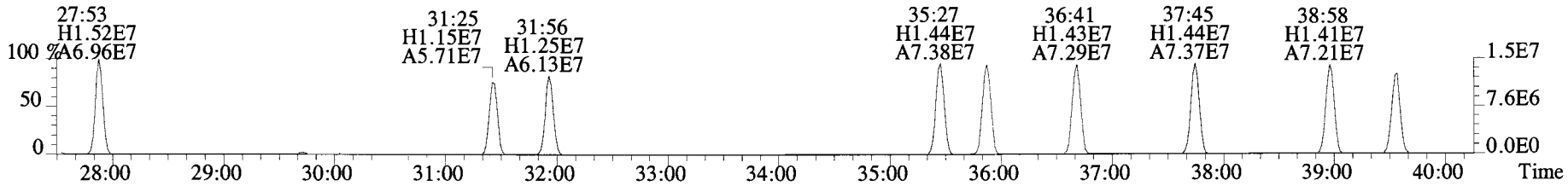
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5536.0,0.00%,F,F)



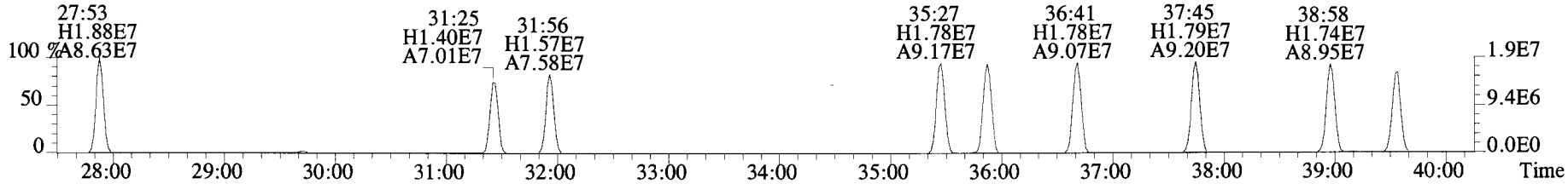
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5996.0,0.00%,F,F)



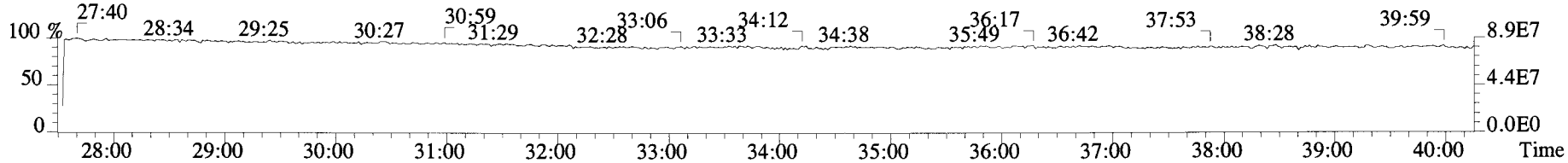
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22836.0,0.00%,F,F)



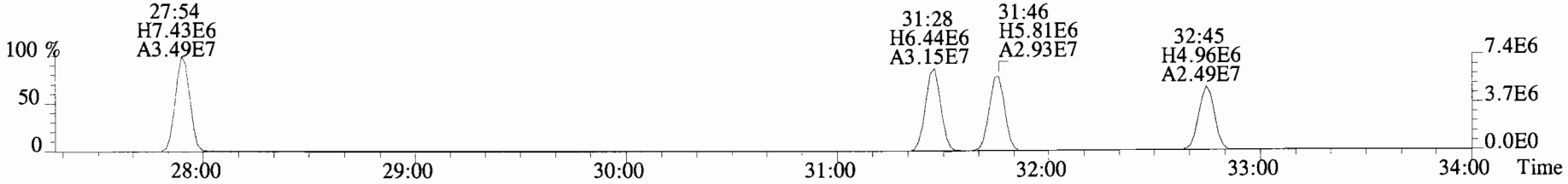
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17480.0,0.00%,F,F)



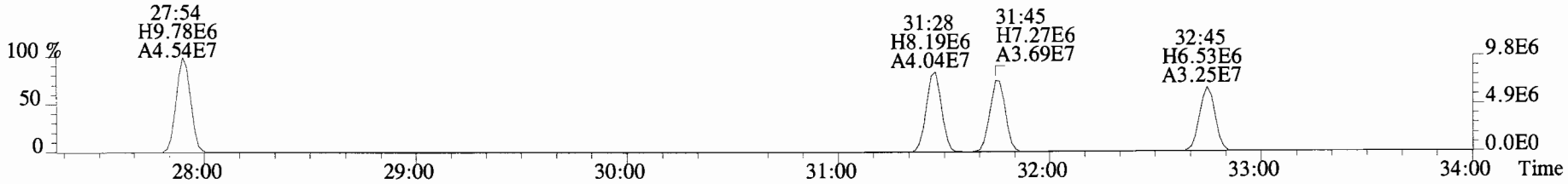
330.9792 S:8 F:3



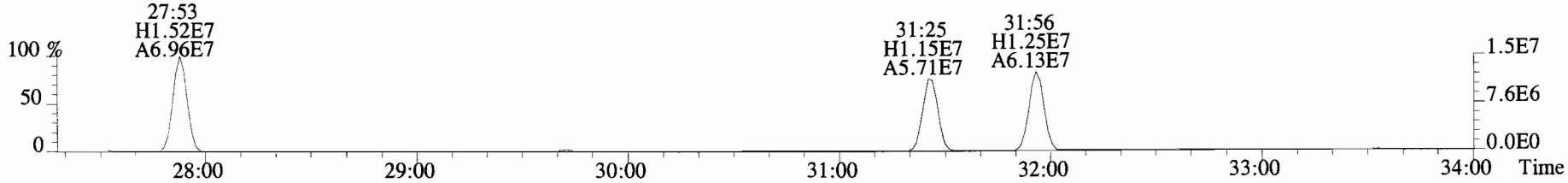
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5536.0,0.00%,F,F)



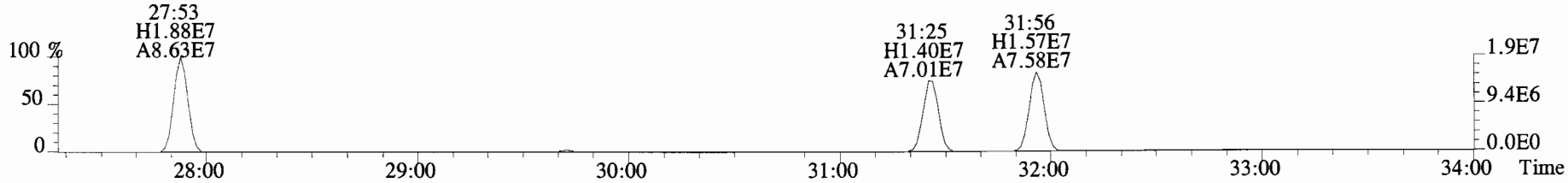
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5996.0,0.00%,F,F)



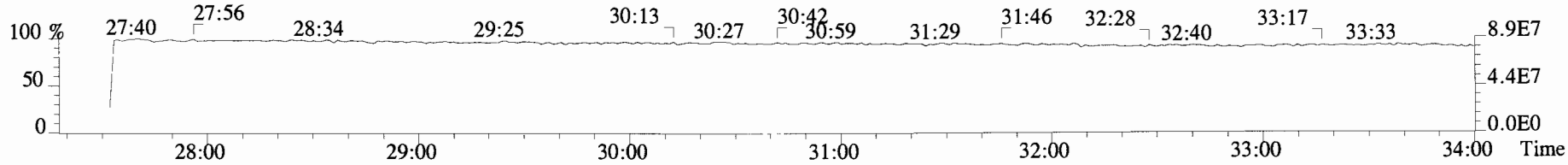
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22836.0,0.00%,F,F)



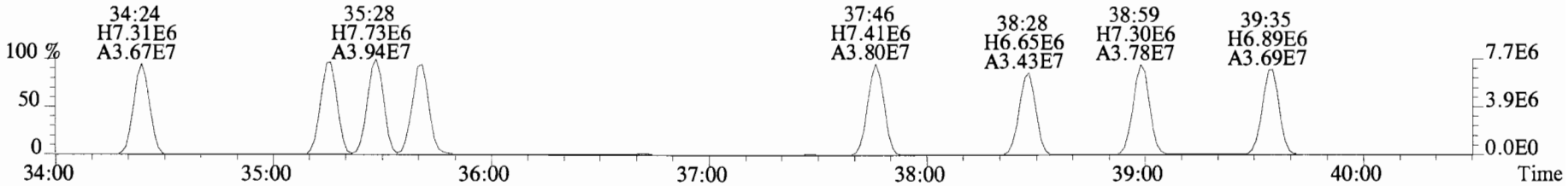
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17480.0,0.00%,F,F)



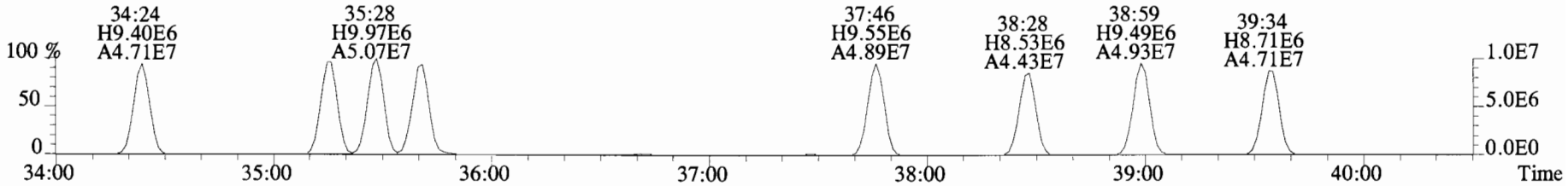
330.9792 S:8 F:3



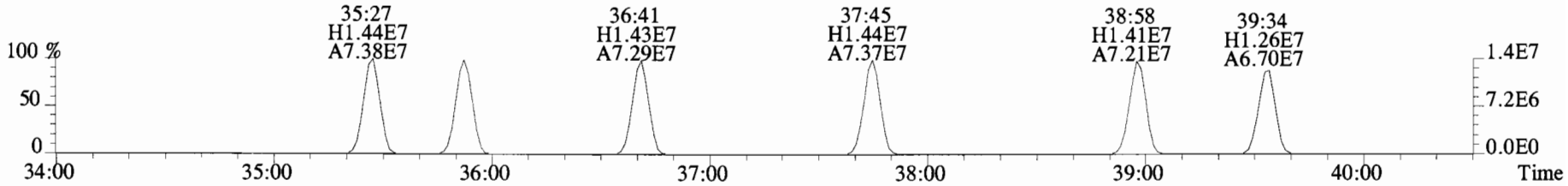
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5536.0,0.00%,F,F)



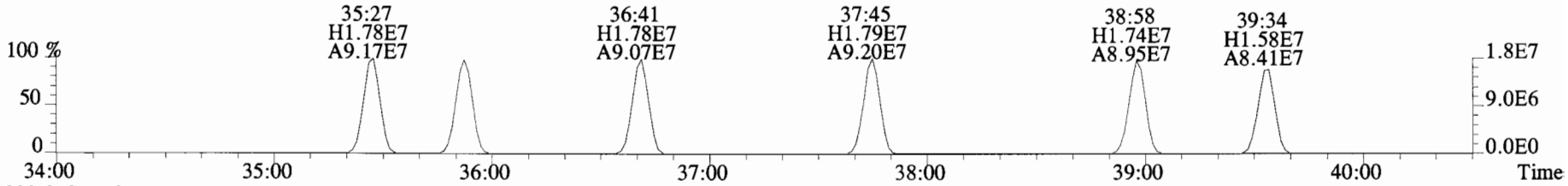
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5996.0,0.00%,F,F)



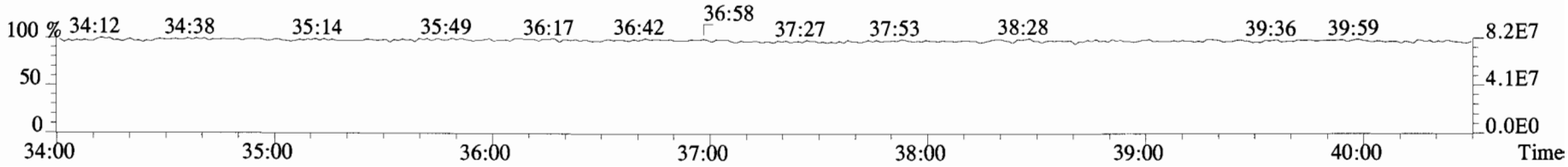
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22836.0,0.00%,F,F)



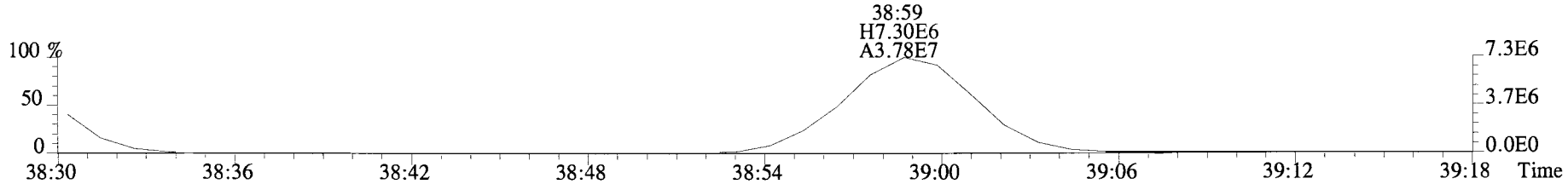
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17480.0,0.00%,F,F)



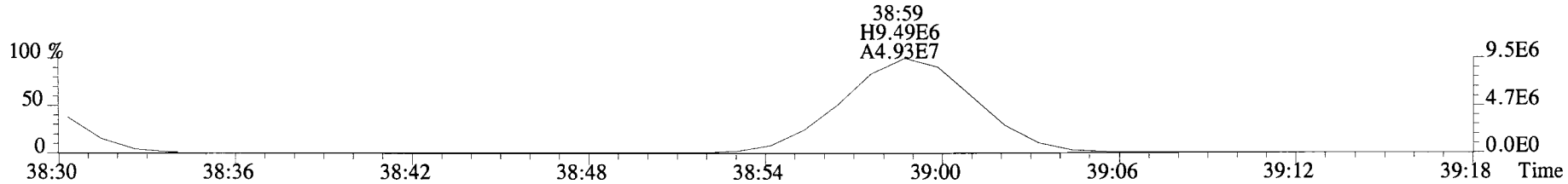
330.9792 S:8 F:3



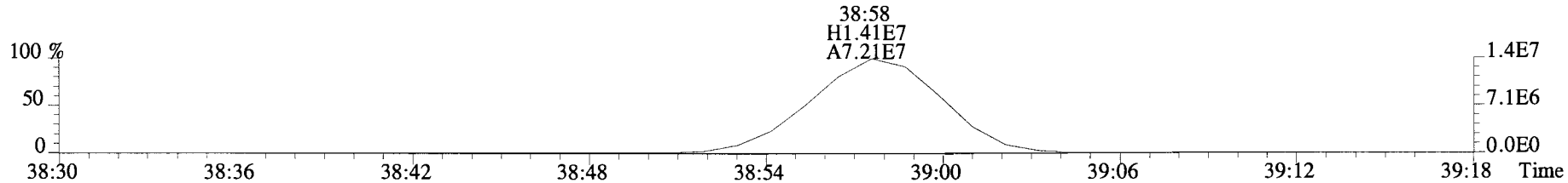
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5536.0,0.00%,F,F)



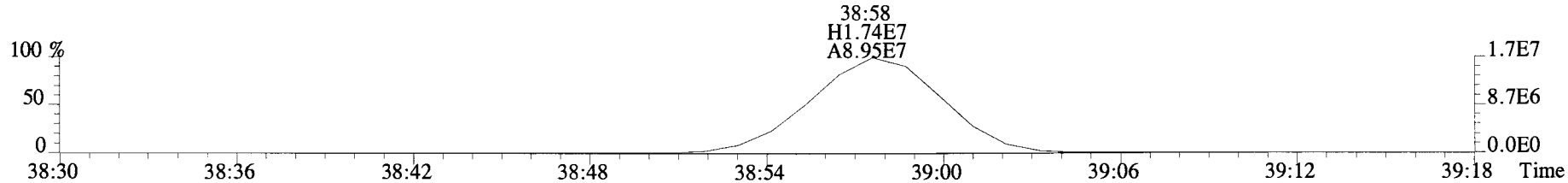
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5996.0,0.00%,F,F)



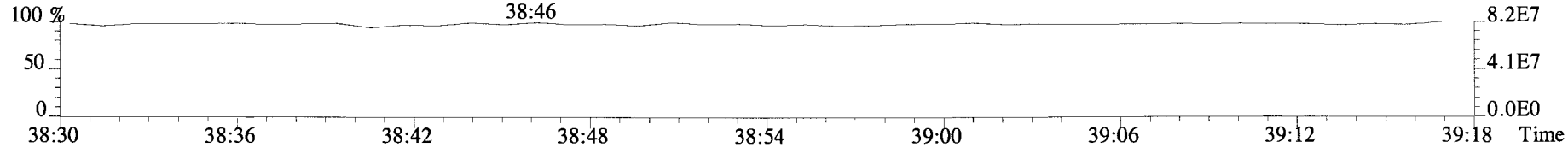
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22836.0,0.00%,F,F)



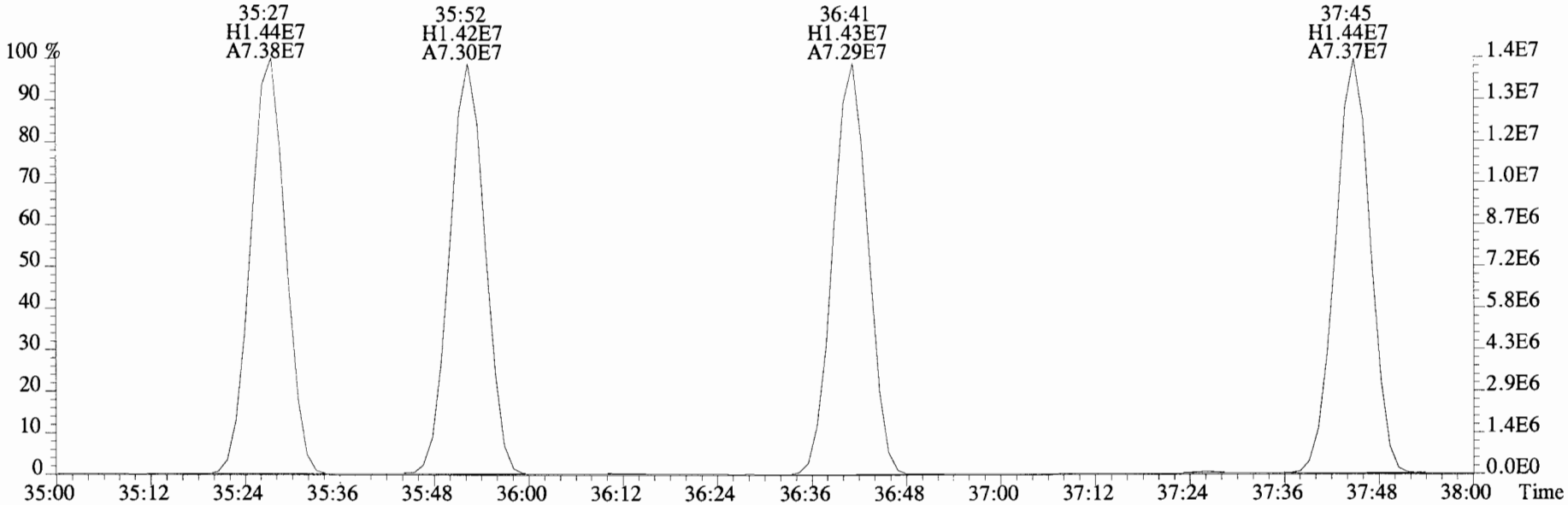
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17480.0,0.00%,F,F)



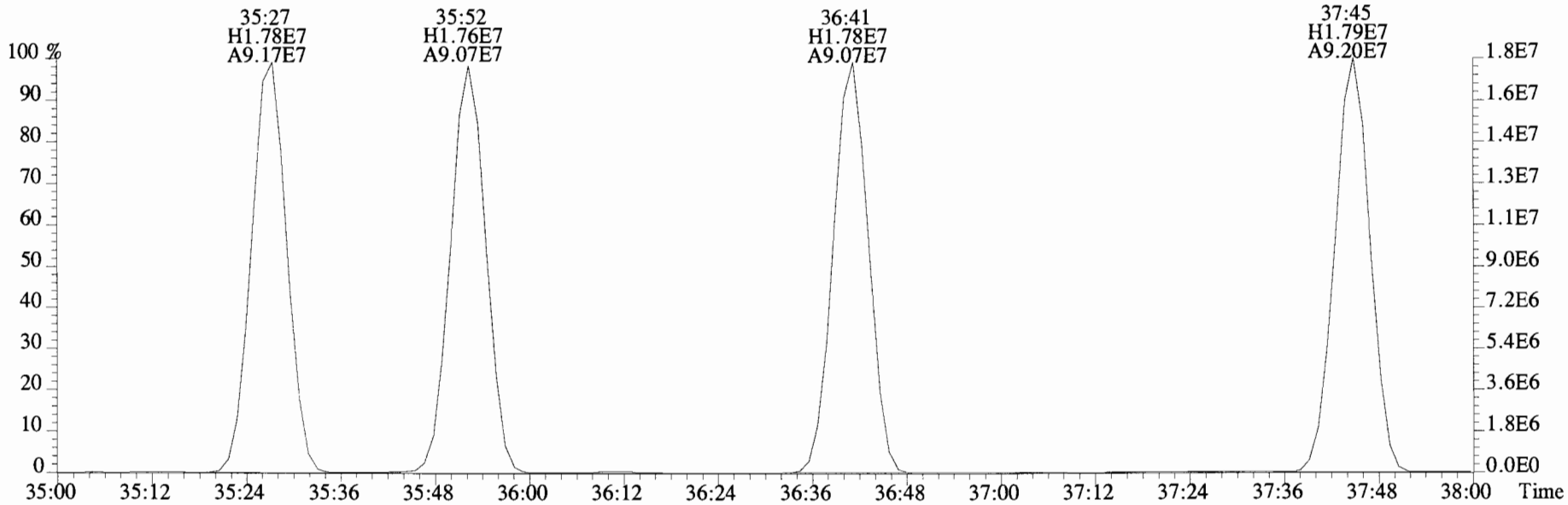
330.9792 S:8 F:3



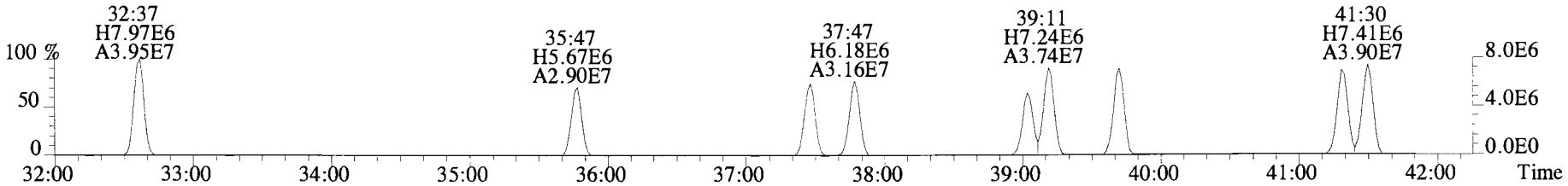
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22836.0,0.00%,F,F)



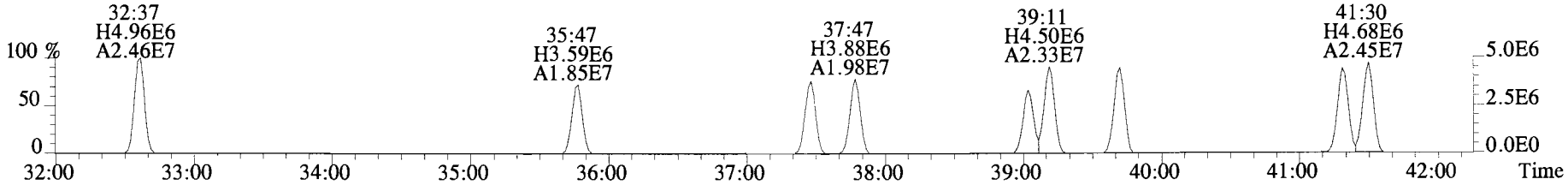
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17480.0,0.00%,F,F)



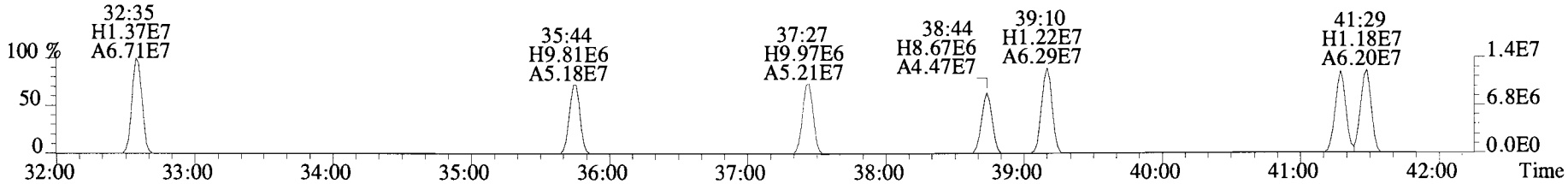
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
325.8804 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3280.0,0.00%,F,F)



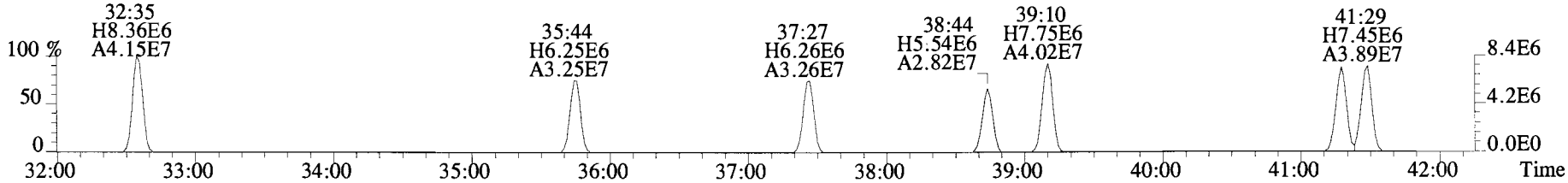
327.8775 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2316.0,0.00%,F,F)



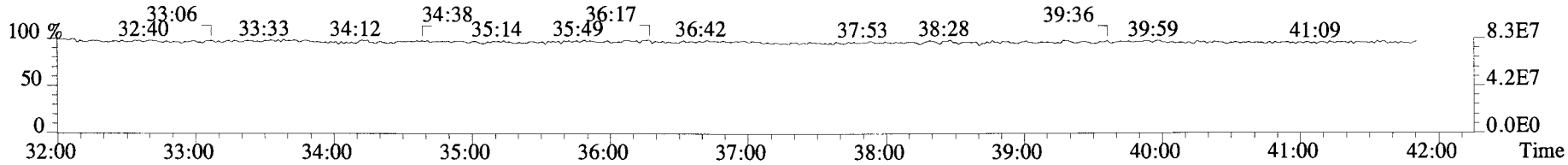
337.9207 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4504.0,0.00%,F,F)



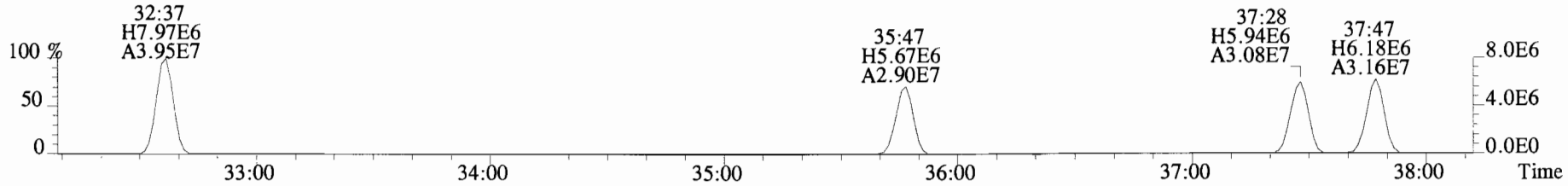
339.9177 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3496.0,0.00%,F,F)



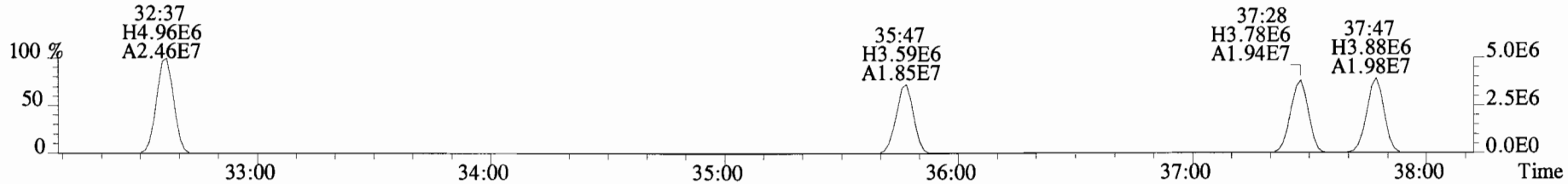
330.9792 S:8 F:3



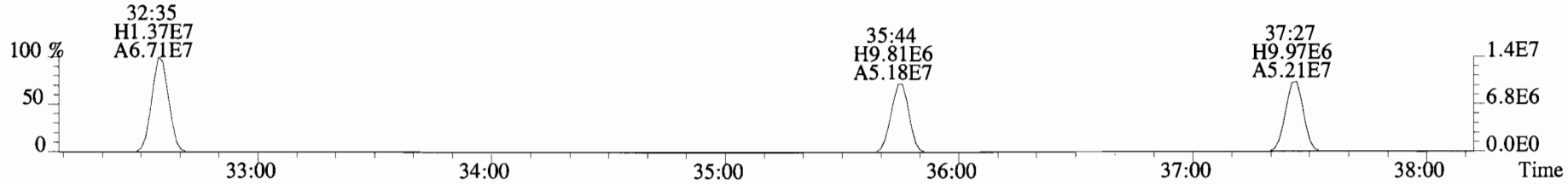
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
325.8804 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3280.0,0.00%,F,F)



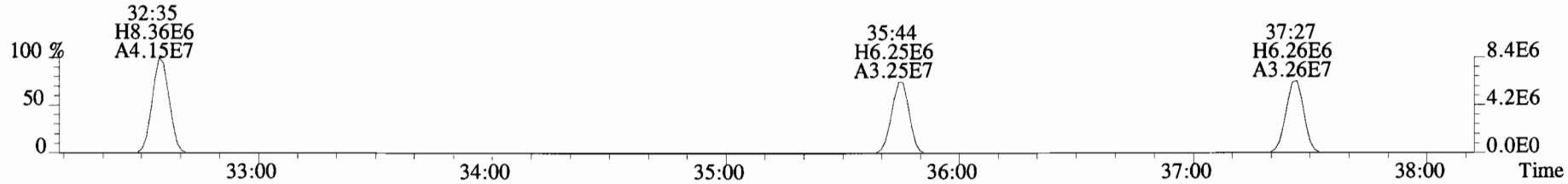
327.8775 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2316.0,0.00%,F,F)



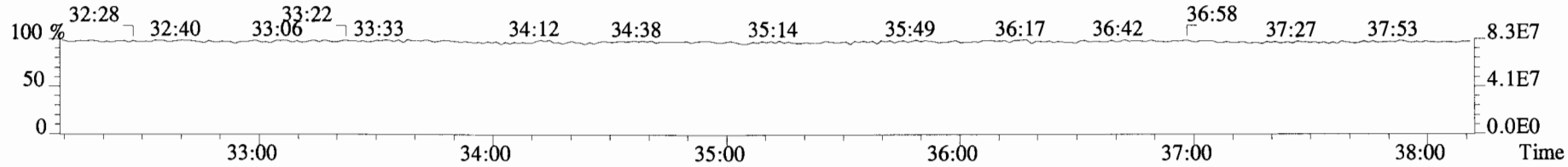
337.9207 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4504.0,0.00%,F,F)



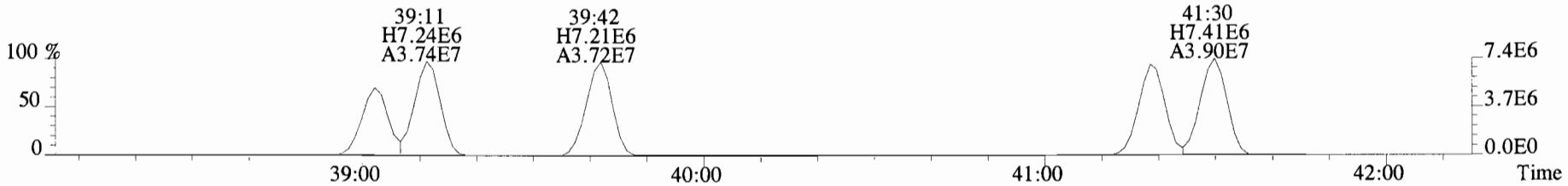
339.9177 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3496.0,0.00%,F,F)



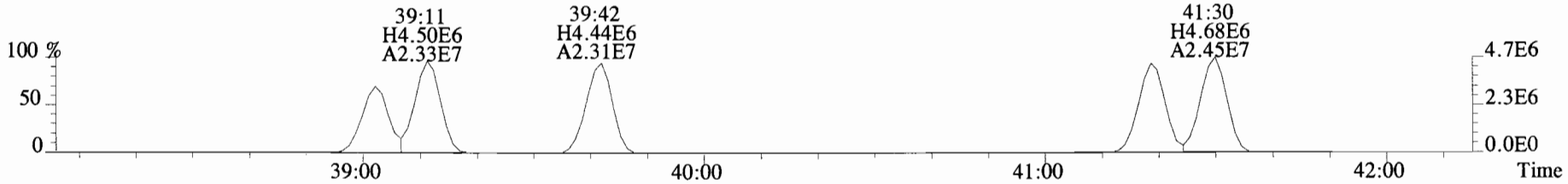
330.9792 S:8 F:3



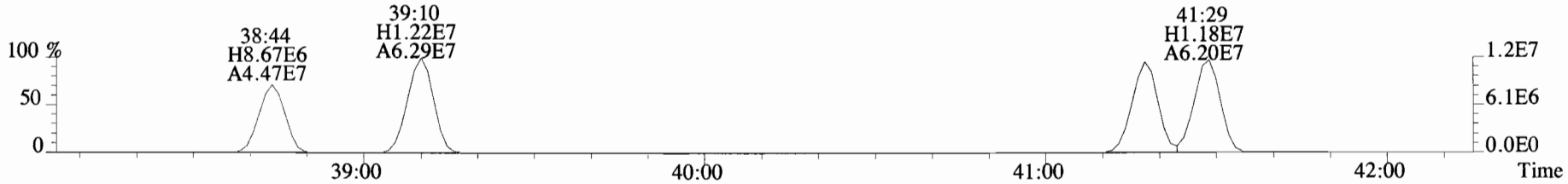
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
325.8804 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3280.0,0.00%,F,F)



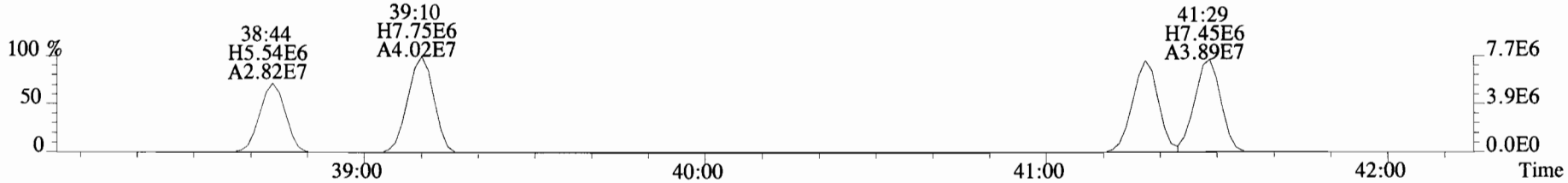
327.8775 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2316.0,0.00%,F,F)



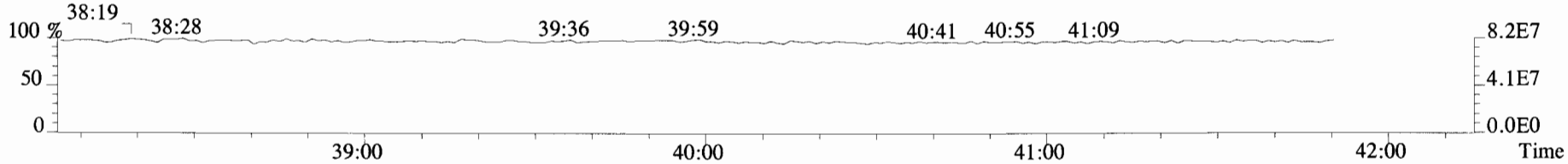
337.9207 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4504.0,0.00%,F,F)



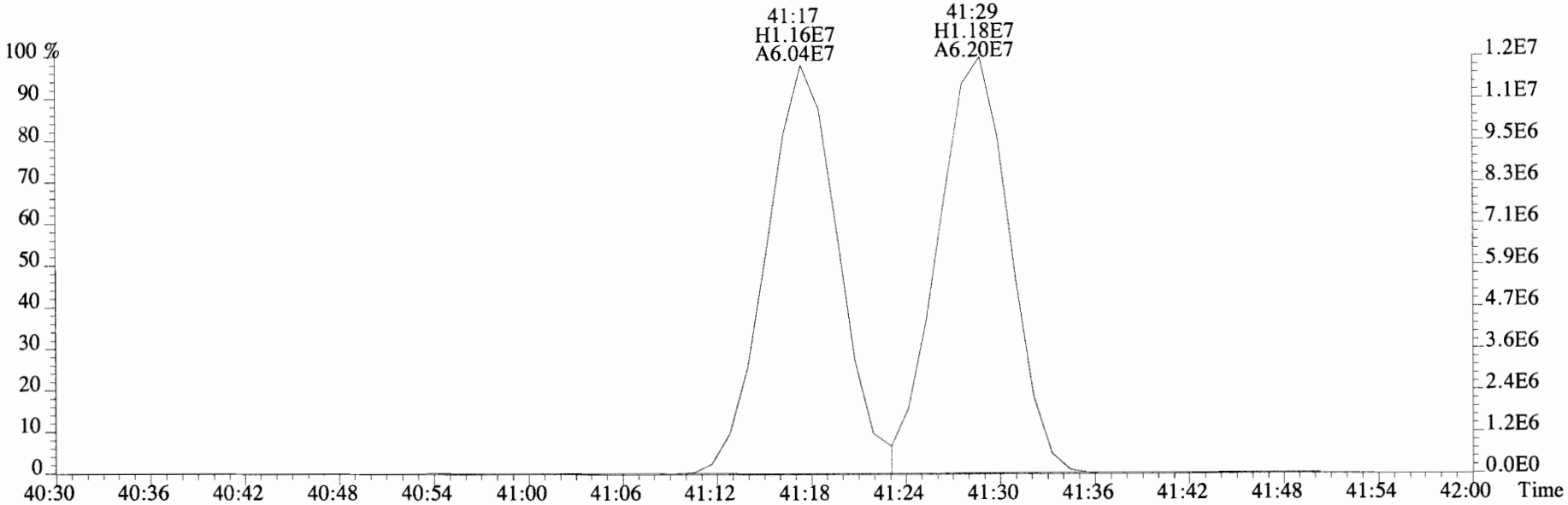
339.9177 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3496.0,0.00%,F,F)



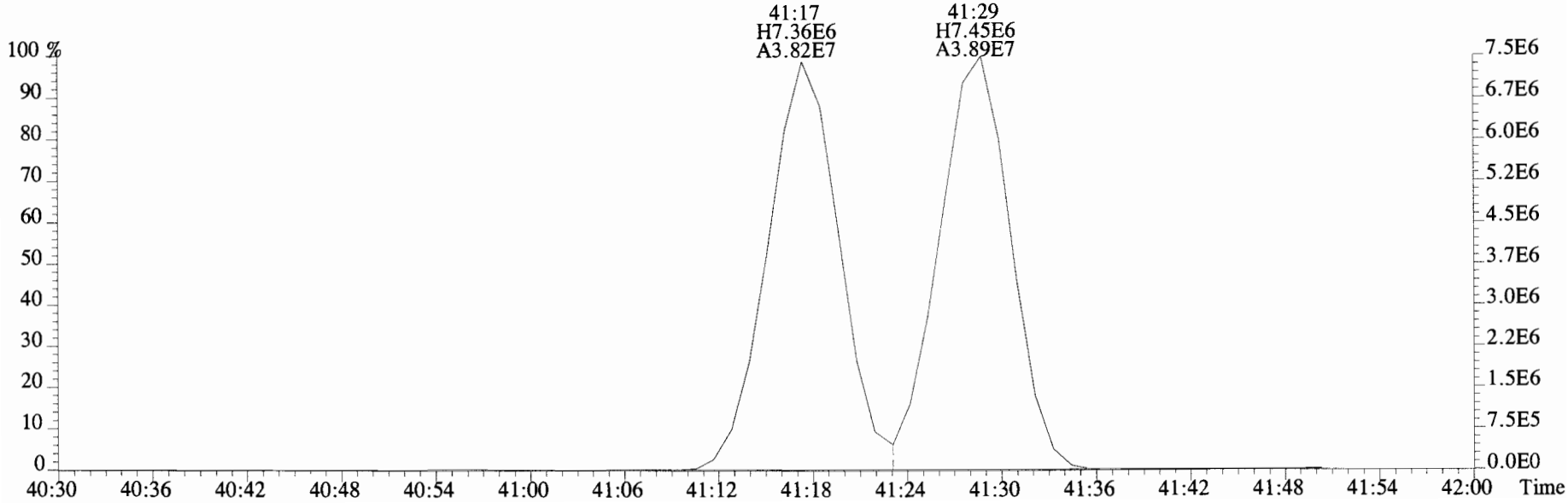
330.9792 S:8 F:3



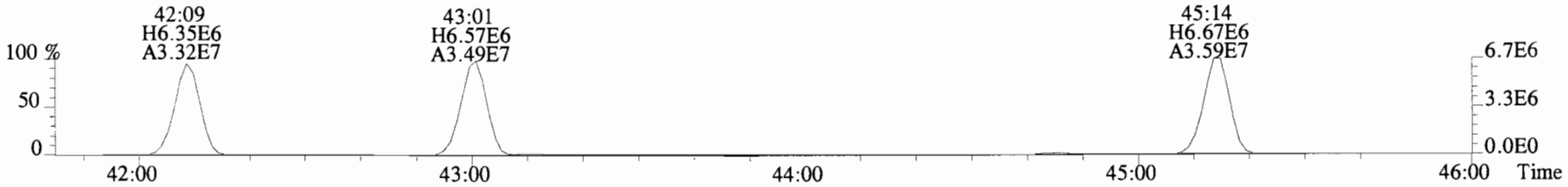
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
337.9207 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4504.0,0.00%,F,F)



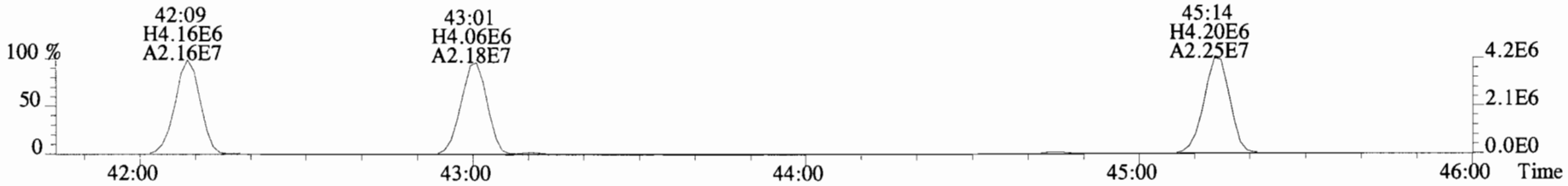
339.9177 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3496.0,0.00%,F,F)



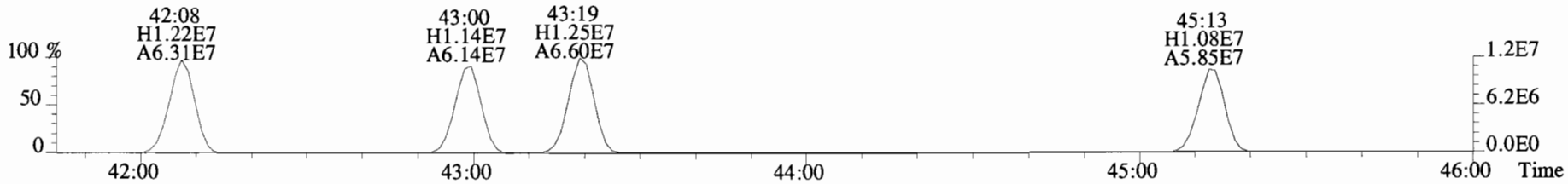
File:180208E1 #1-574 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
325.8804 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6988.0,0.00%,F,F)



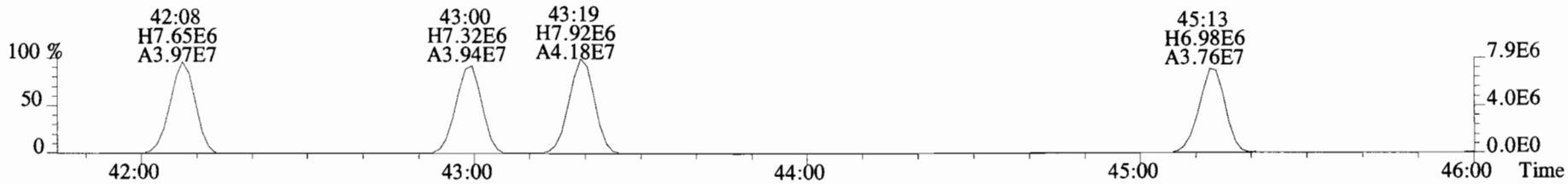
327.8775 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6008.0,0.00%,F,F)



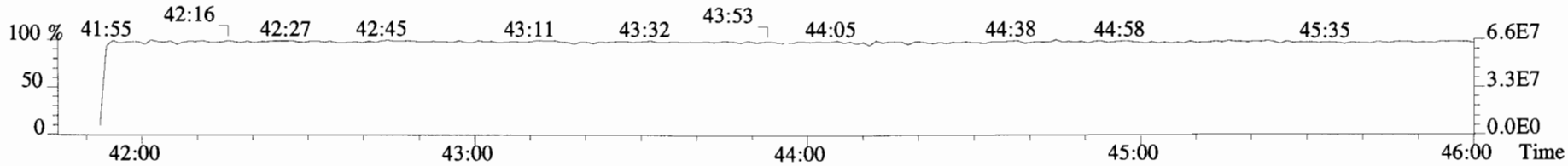
337.9207 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9960.0,0.00%,F,F)



339.9177 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6616.0,0.00%,F,F)

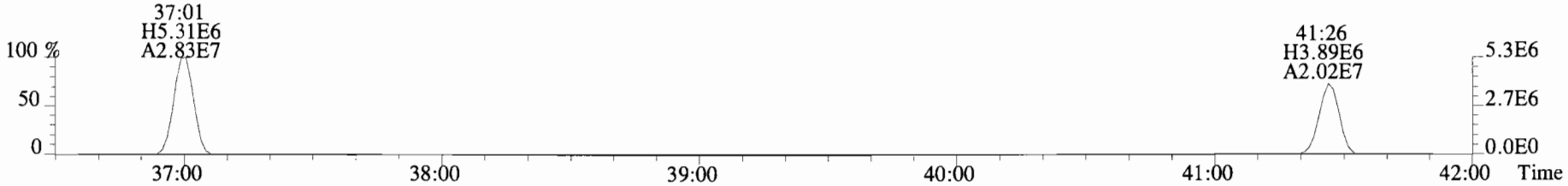


380.9760 S:8 F:4

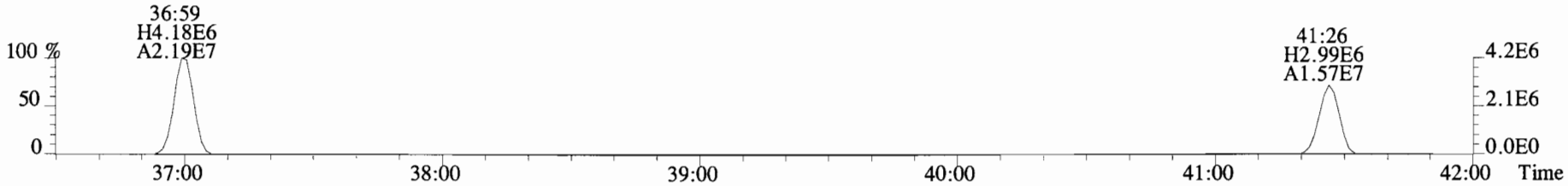


File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1

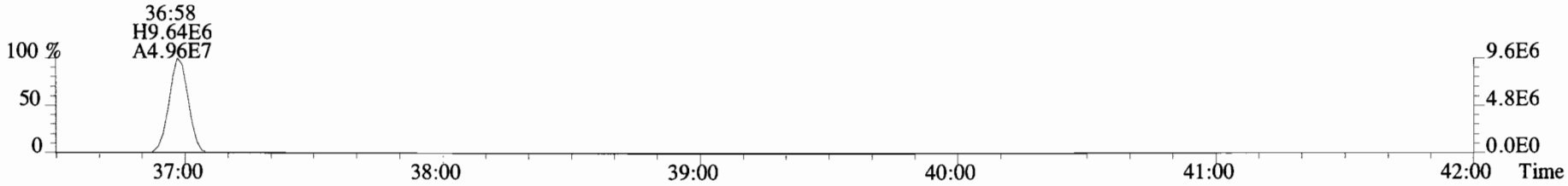
359.8415 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2400.0,0.00%,F,F)



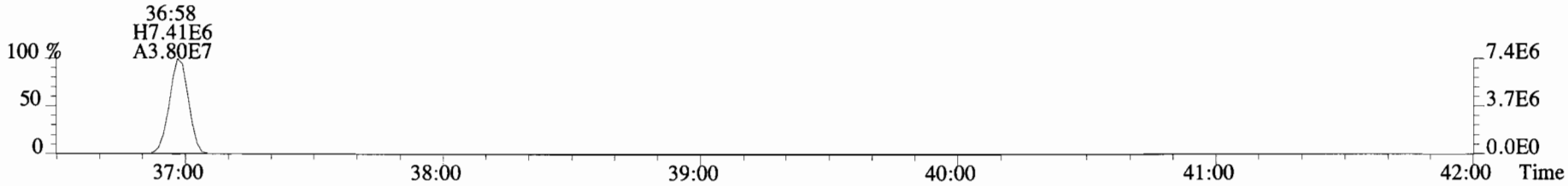
361.8385 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2264.0,0.00%,F,F)



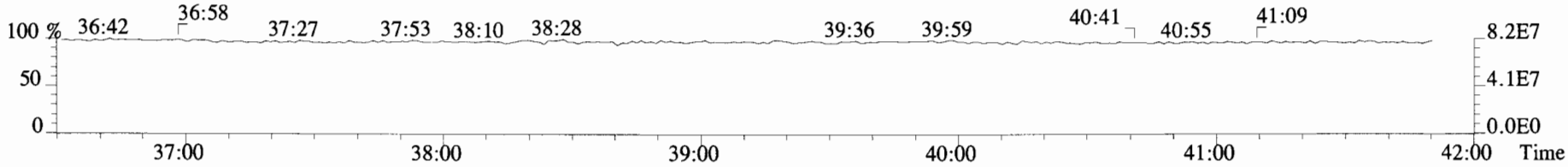
371.8817 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2372.0,0.00%,F,F)



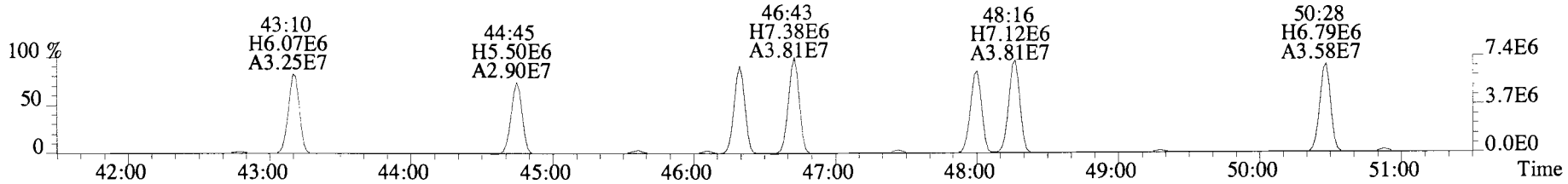
373.8788 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2472.0,0.00%,F,F)



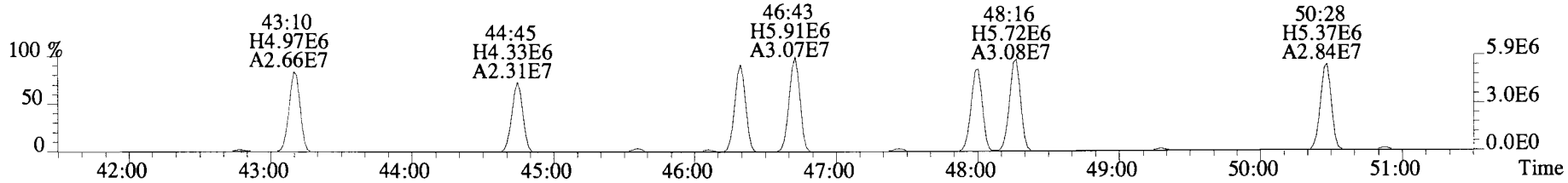
330.9792 S:8 F:3



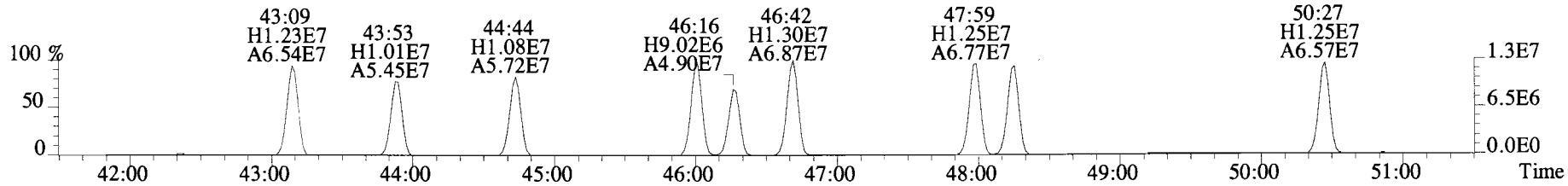
File:180208E1 #1-574 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
359.8415 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10208.0,0.00%,F,F)



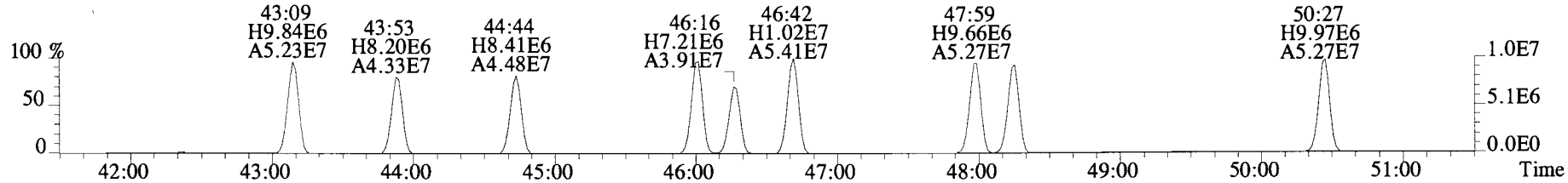
361.8385 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8204.0,0.00%,F,F)



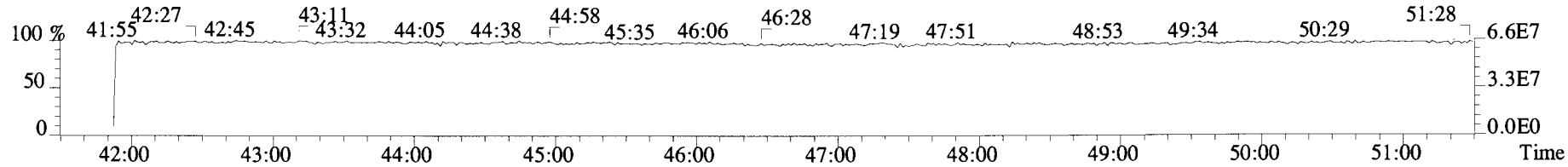
371.8817 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15668.0,0.00%,F,F)



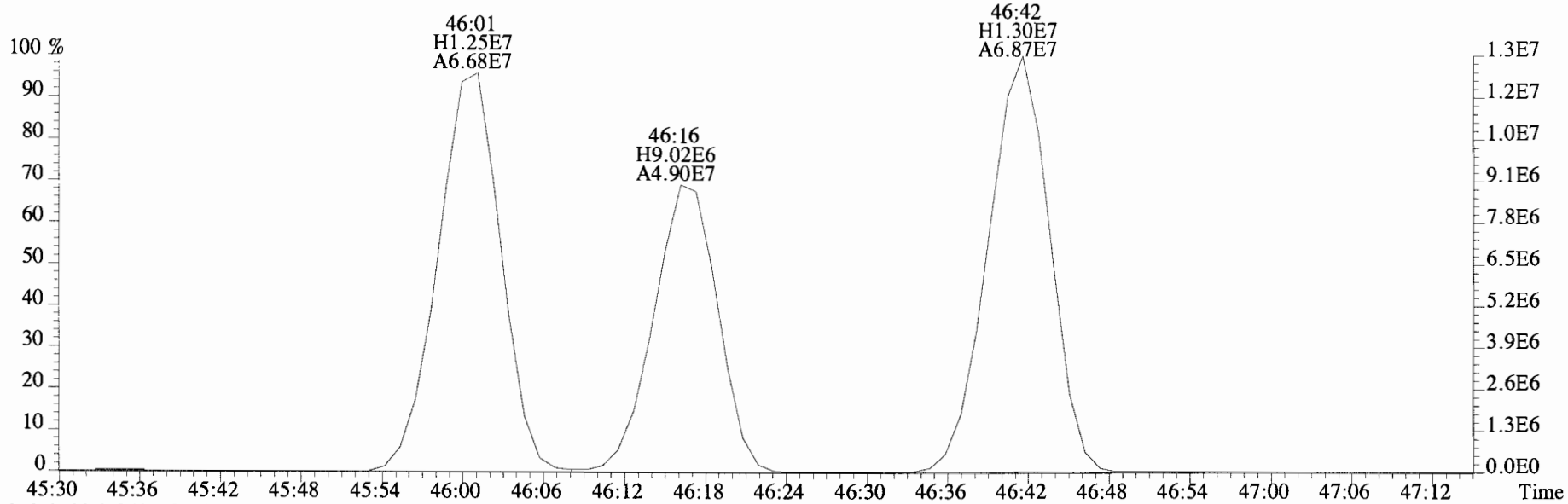
373.8788 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12352.0,0.00%,F,F)



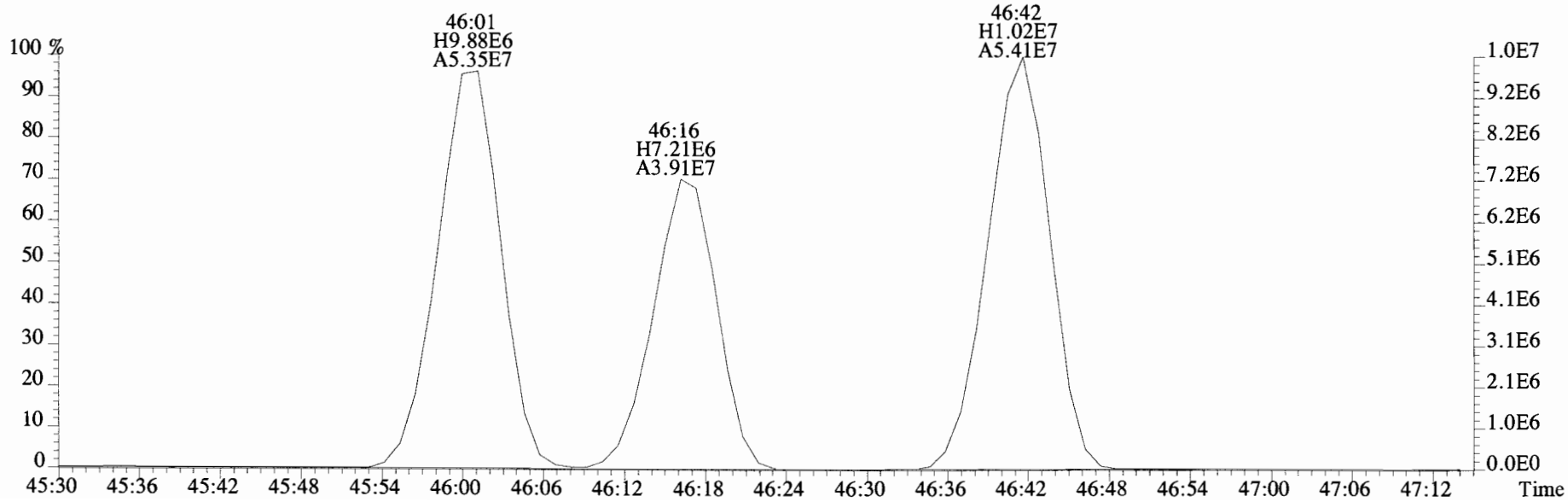
380.9760 S:8 F:4



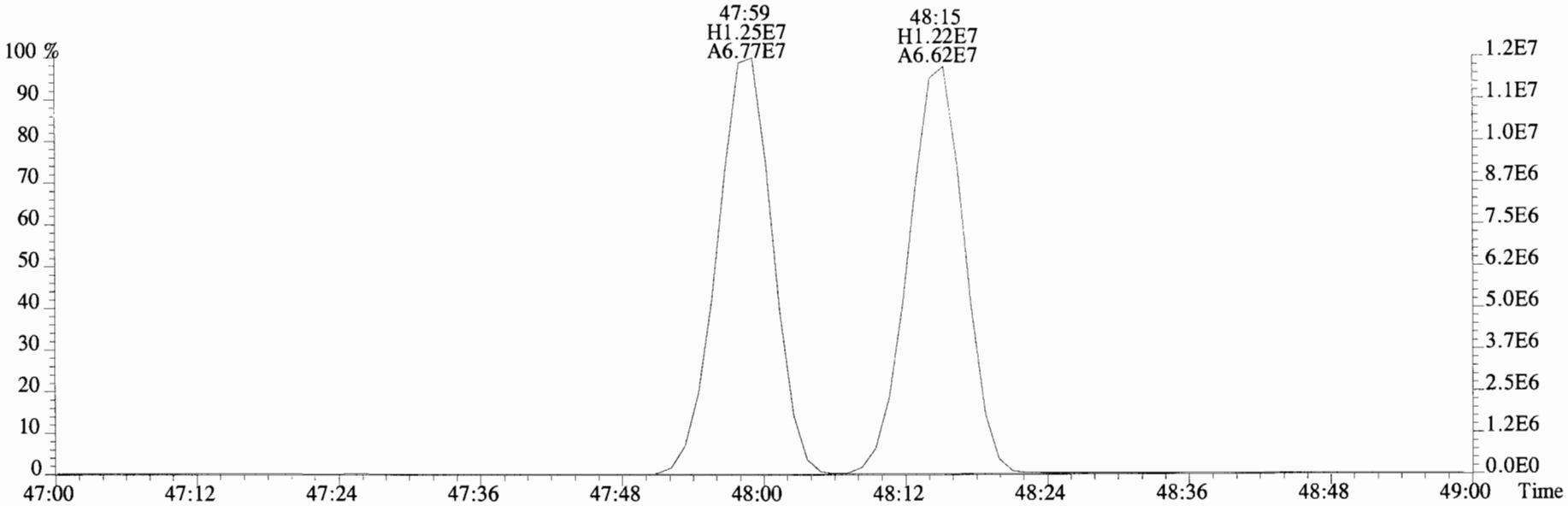
File:180208E1 #1-574 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
371.8817 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15668.0,0.00%,F,F)



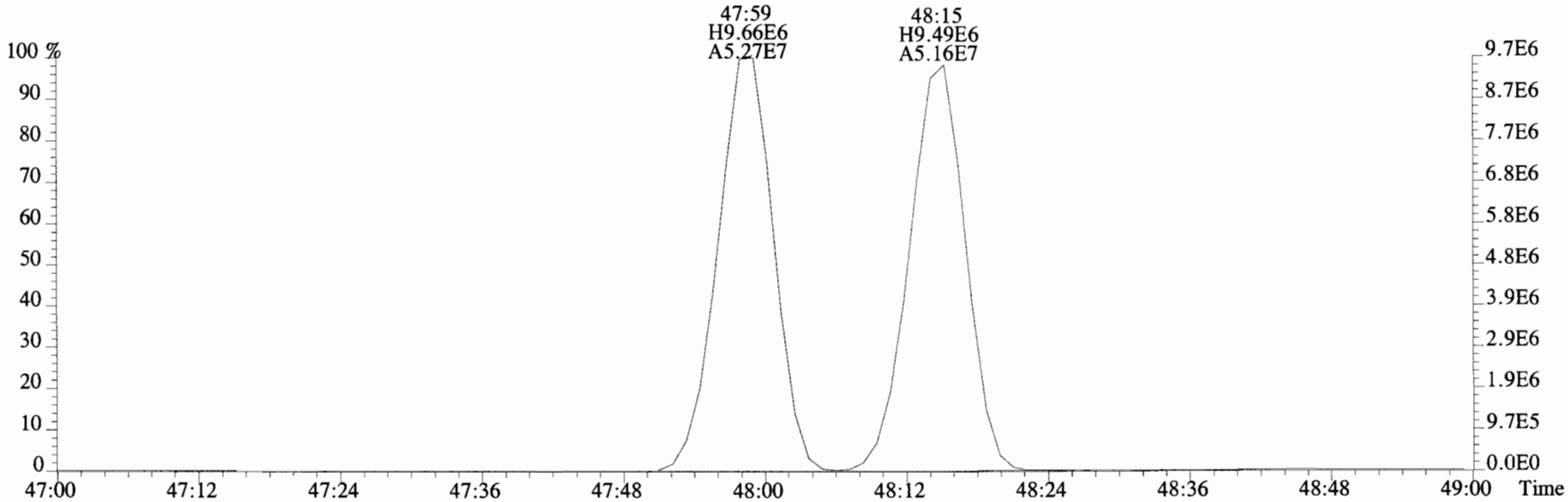
373.8788 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12352.0,0.00%,F,F)



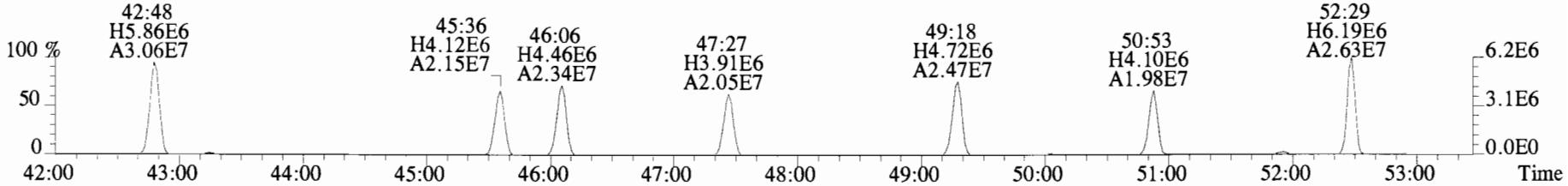
File:180208E1 #1-574 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
371.8817 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15668.0,0.00%,F,F)



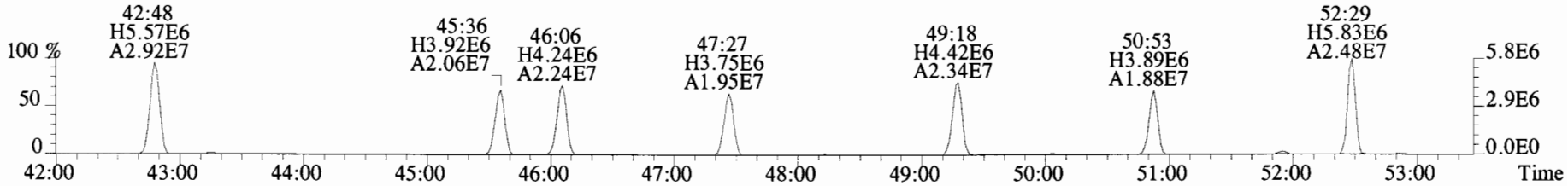
373.8788 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12352.0,0.00%,F,F)



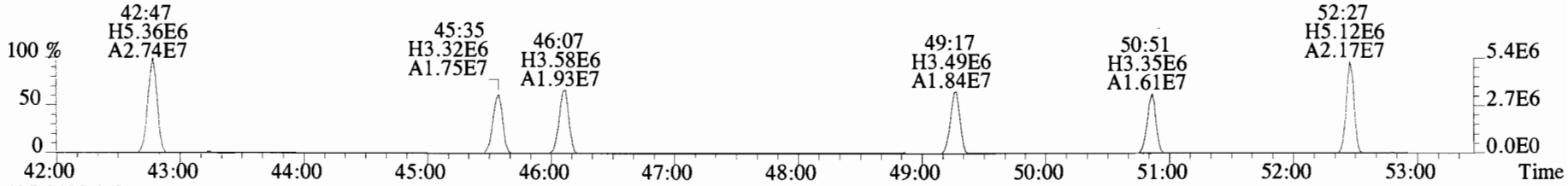
File:180208E1 #1-574 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
393.8025 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4876.0,0.00%,F,F)



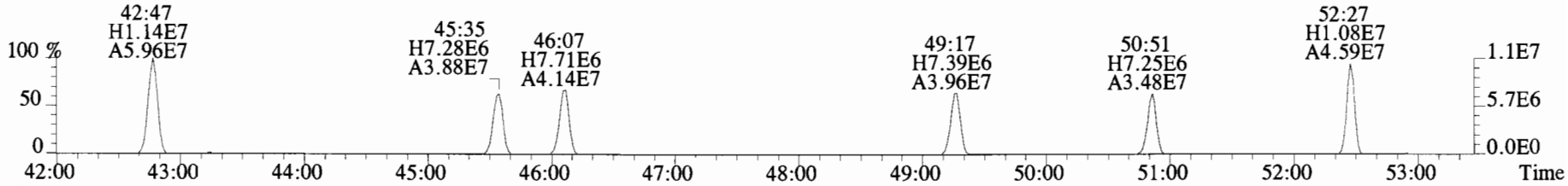
395.7995 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4536.0,0.00%,F,F)



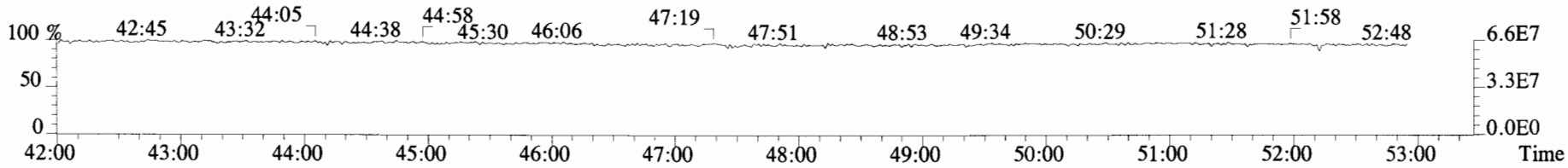
403.8457 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4184.0,0.00%,F,F)



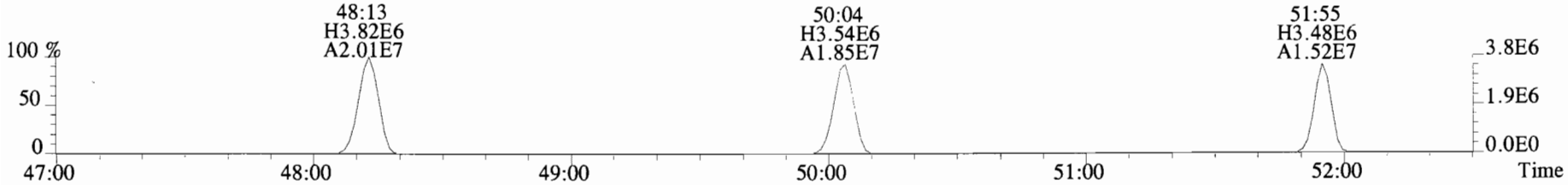
405.8428 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9460.0,0.00%,F,F)



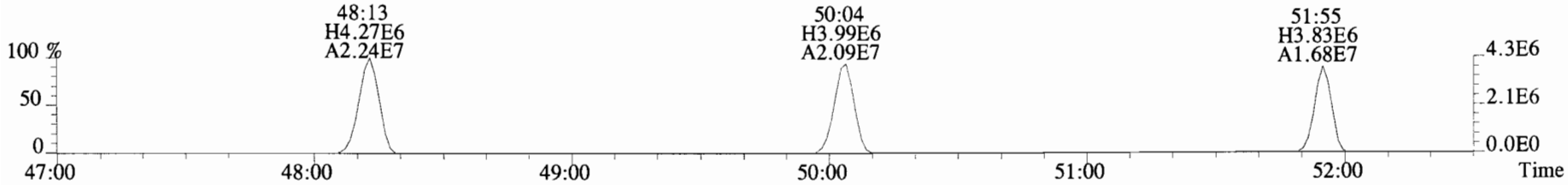
380.9760 S:8 F:4



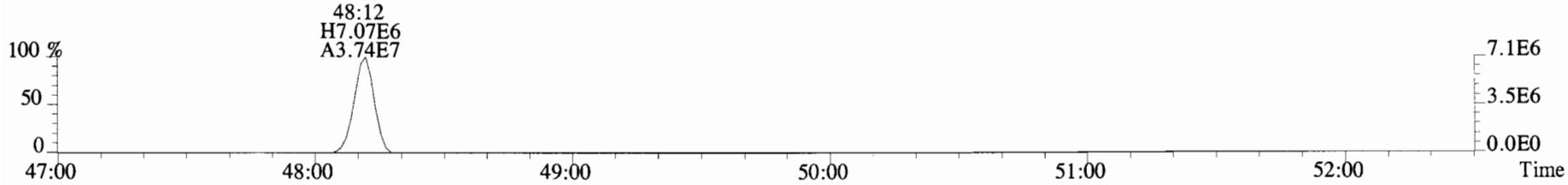
File:180208E1 #1-574 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
427.7635 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1952.0,0.00%,F,F)



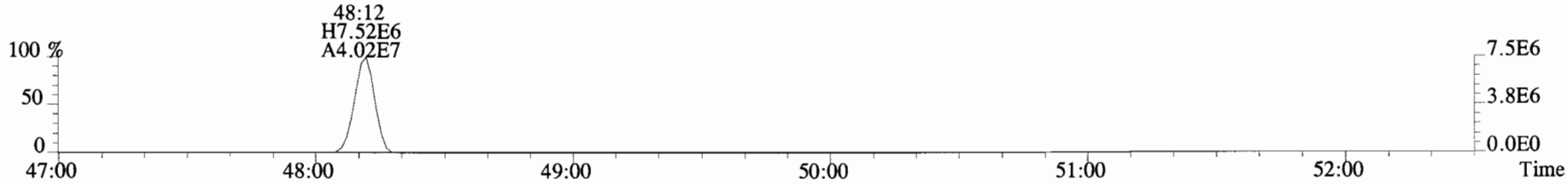
429.7606 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2144.0,0.00%,F,F)



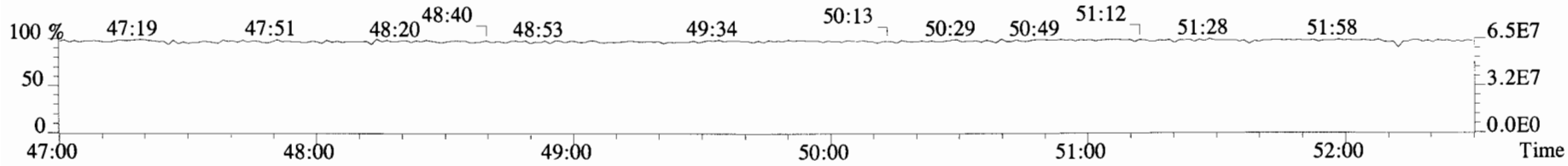
439.8038 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1928.0,0.00%,F,F)



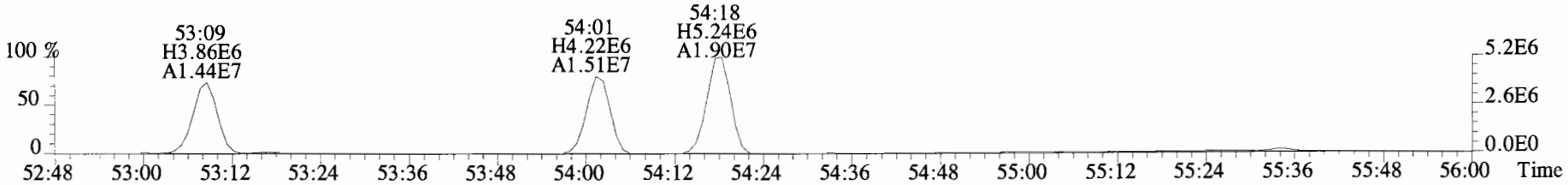
441.8008 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2652.0,0.00%,F,F)



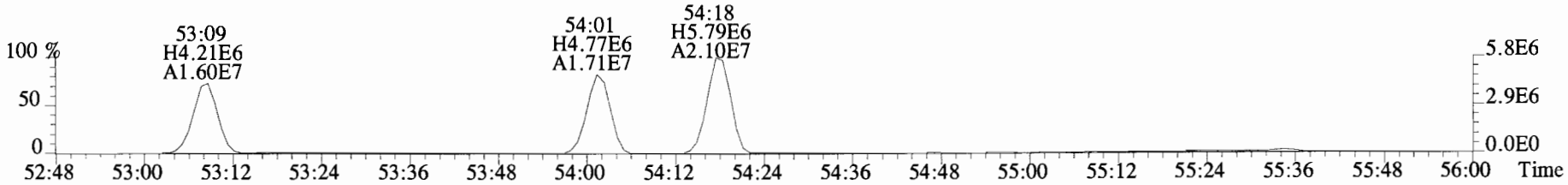
380.9760 S:8 F:4



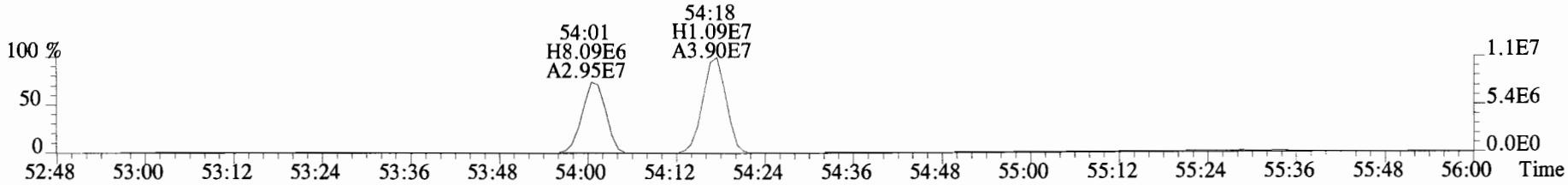
File:180208E1 #1-407 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
427.7635 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3512.0,0.00%,F,F)



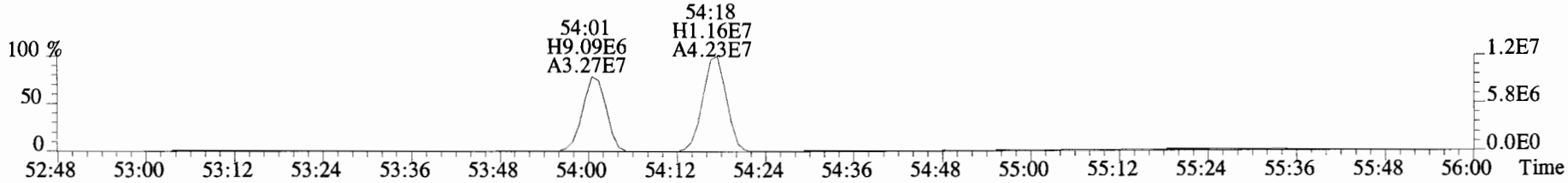
429.7606 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4544.0,0.00%,F,F)



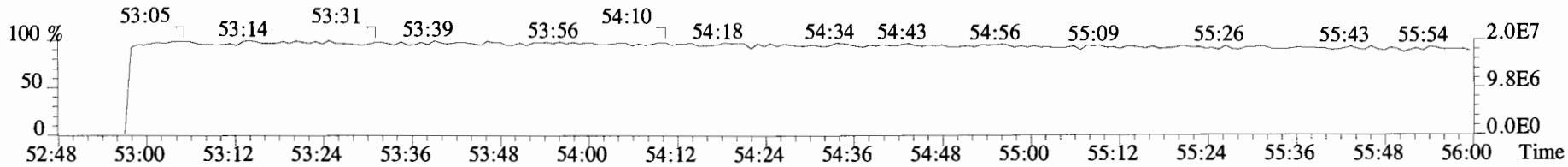
439.8038 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6132.0,0.00%,F,F)



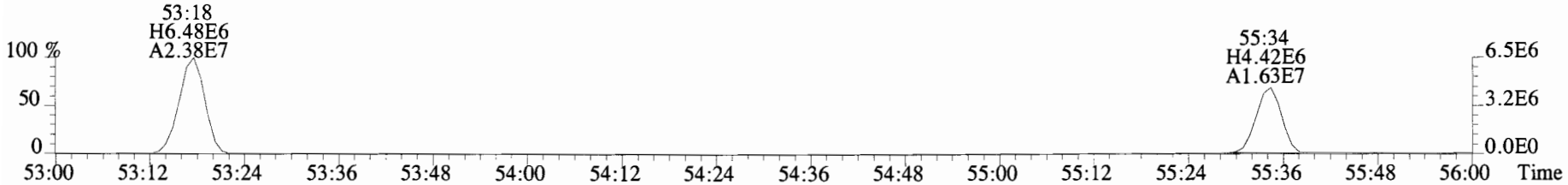
441.8008 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7204.0,0.00%,F,F)



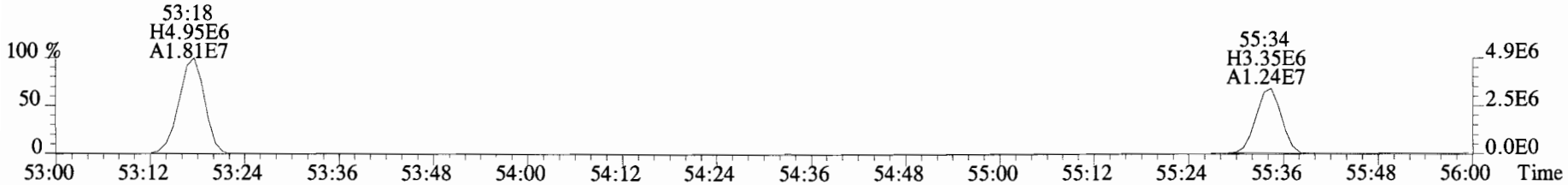
492.9697 S:8 F:5



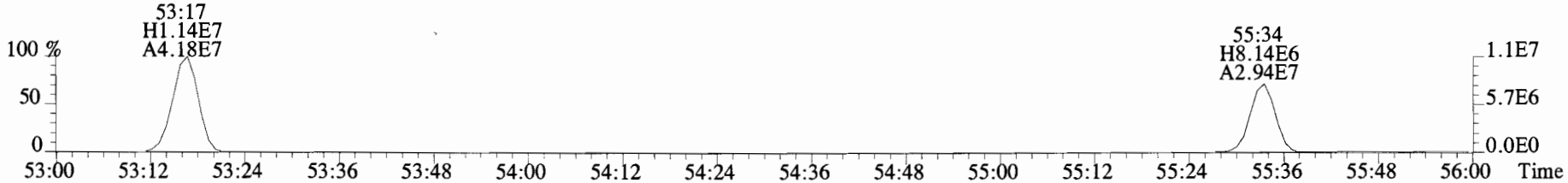
File:180208E1 #1-407 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
463.7216 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14504.0,0.00%,F,F)



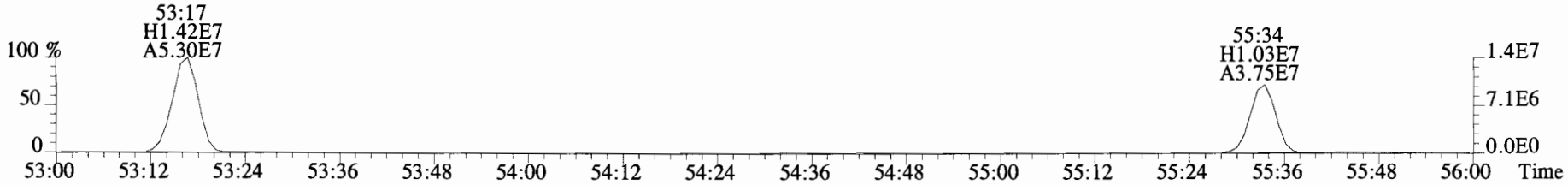
465.7186 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10256.0,0.00%,F,F)



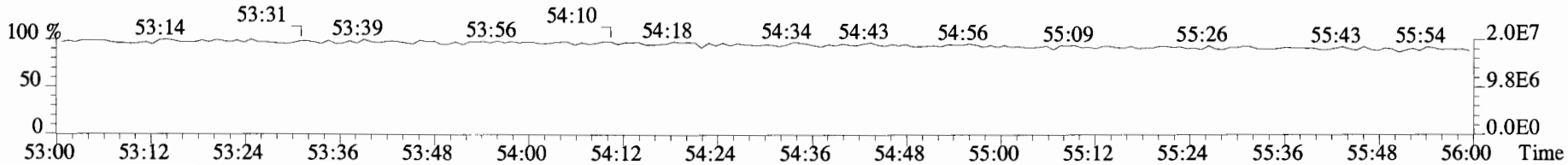
473.7648 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22068.0,0.00%,F,F)



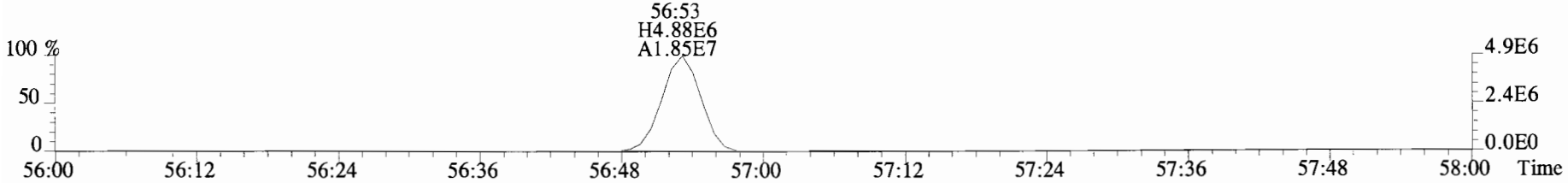
475.7619 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29456.0,0.00%,F,F)



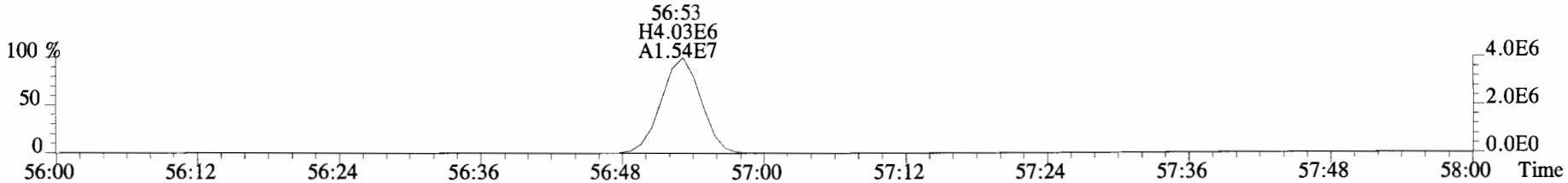
492.9697 S:8 F:5



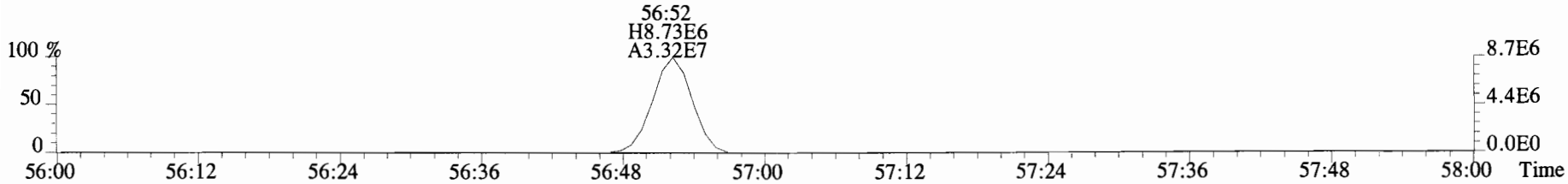
File:180208E1 #1-407 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
497.6826 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2112.0,0.00%,F,F)



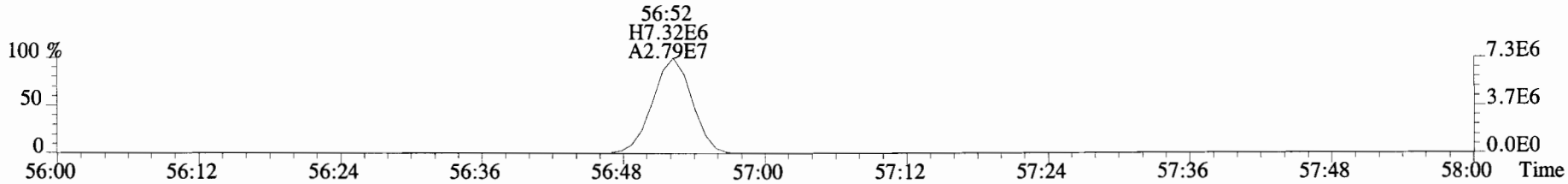
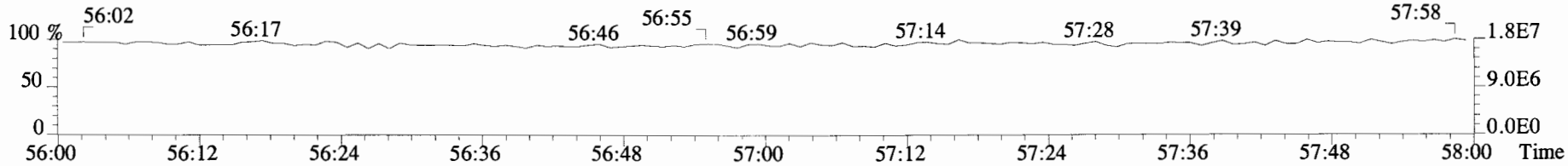
499.6797 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2128.0,0.00%,F,F)



509.7229 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2144.0,0.00%,F,F)



511.7199 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2148.0,0.00%,F,F)



492.9697 S:8 F:5