March 14, 2018

Vista Work Order No. 1701338

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 September 27, 2017. This sample set was analyzed on a standard turn-around time, under your Project Name 'Hudson River RAMP'.

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

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

Sincerely,

Martha Maier
Laboratory Director

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

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

Vista Work Order No. 1701338
Case Narrative

Sample Condition on Receipt:

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

Analytical Notes:

EPA Method 1668C

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

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

WHO List
Fragmentation Interferences
ZB-1 GC Column

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

Holding Times

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

Quality Control

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

A Method Blank and Ongoing Precision and Recovery (OPR) sample were extracted and analyzed with the preparation batch. 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.

TABLE OF CONTENTS

Case Narrative..... 1

Table of Contents..... 4

Sample Inventory..... 5

Analytical Results..... 6

Qualifiers..... 29

Certifications..... 30

Sample Receipt..... 31

Extraction Information..... 33

Sample Data - EPA Method 1668C..... 40

Continuing Calibration..... 342

Solvent Blanks..... 447

Initial Calibration..... 544

Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
1701338-01	OWS-SCHU-T170926125515	26-Sep-17 10:24	27-Sep-17 09:02	Amber Glass NM Bottle, 1L
				Amber Glass NM Bottle, 1L
1701338-02	OWS-THIS-T170926125358	26-Sep-17 09:26	27-Sep-17 09:02	Amber Glass NM Bottle, 1L
				Amber Glass NM Bottle, 1L
1701338-03	OWS-WAFO-T170926125646	26-Sep-17 11:48	27-Sep-17 09:02	Amber Glass NM Bottle, 1L
				Amber Glass NM Bottle, 1L

ANALYTICAL RESULTS

Percent Solids

LabNumber	SampleName	% Solids	RL (%)	Date Analyzed	Batch
1701338-01	OWS-SCHU-T170926125515	0.153	0.1	28-Feb-2018	B8B0162
1701338-02	OWS-THIS-T170926125358	ND	0.1	28-Feb-2018	B8B0162
1701338-03	OWS-WAFO-T170926125646	ND	0.1	28-Feb-2018	B8B0162

Sample ID: Method Blank — EPA Method 1668C

Matrix:	Aqueous	QC Batch:	B8B0161	Lab Sample:	B8B0161-BLK1
Sample Size:	1.00 L	Date Extracted:	27-Feb-2018 7:38	Date Analyzed:	02-Mar-18 13:15 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers	Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-1	ND	5.00	2.41	U	PCB-44	ND	5.00	1.87	UM
PCB-2	ND	5.00	1.70	U	PCB-45	ND	5.00	1.44	U
PCB-3	ND	5.00	1.69	U	PCB-46	ND	5.00	1.28	U
PCB-4/10	ND	10.0	2.92	U	PCB-47	ND	5.00	1.96	UM
PCB-5/8	ND	10.0	1.67	U	PCB-48/75	ND	10.0	0.866	U
PCB-6	ND	5.00	1.98	U	PCB-50	ND	5.00	1.06	U
PCB-7/9	ND	10.0	2.11	U	PCB-51	ND	5.00	0.974	U
PCB-11	ND	5.53	5.53	U	PCB-52/69	ND	10.0	1.65	UM
PCB-12/13	ND	10.0	1.77	U	PCB-53	ND	5.00	1.06	U
PCB-14	ND	5.00	1.75	U	PCB-54	ND	5.00	0.862	U
PCB-15	ND	5.00	1.71	U	PCB-55	ND	5.00	0.693	U
PCB-16/32	ND	10.0	1.13	U	PCB-56/60	ND	10.0	0.727	U
PCB-17	ND	5.00	1.11	U	PCB-57	ND	5.00	0.707	U
PCB-18	ND	5.00	1.32	U	PCB-58	ND	5.00	0.710	U
PCB-19	ND	5.00	1.25	U	PCB-61/70	ND	10.0	0.965	U
PCB-20/21/33	ND	15.0	0.928	U	PCB-62	ND	5.00	0.896	U
PCB-22	ND	5.00	0.809	U	PCB-63	ND	5.00	0.798	U
PCB-23	ND	5.00	0.926	U	PCB-65	ND	5.00	0.773	U
PCB-24/27	ND	10.0	0.808	U	PCB-66/76	ND	10.0	0.630	U
PCB-25	ND	5.00	0.832	U	PCB-67	ND	5.00	0.724	U
PCB-26	ND	5.00	0.876	U	PCB-68	ND	5.00	0.769	U
PCB-28	ND	5.00	0.813	U	PCB-73	ND	5.00	0.737	U
PCB-29	ND	5.00	0.913	U	PCB-74	ND	5.00	0.674	U
PCB-30	ND	5.00	0.777	U	PCB-77	ND	5.00	0.903	U
PCB-31	ND	5.00	0.841	U	PCB-78	ND	5.00	0.826	U
PCB-34	ND	5.00	0.916	U	PCB-79	ND	5.00	0.688	U
PCB-35	ND	5.00	0.807	U	PCB-80	ND	5.00	0.673	U
PCB-36	ND	5.00	0.788	U	PCB-81	ND	5.00	0.941	U
PCB-37	ND	5.00	0.814	U	PCB-82	ND	5.00	1.50	U
PCB-38	ND	5.00	0.822	U	PCB-83	ND	5.00	1.00	U
PCB-39	ND	5.00	0.847	U	PCB-84/92	ND	10.0	1.59	U
PCB-40	ND	5.00	1.57	U	PCB-85/116	ND	10.0	1.36	U
PCB-41/64/71/72	ND	20.0	1.69	UM	PCB-86	ND	5.00	1.62	U
PCB-42/59	ND	10.0	0.985	U	PCB-87/117/125	ND	15.0	1.13	U
PCB-43/49	ND	10.0	1.30	U	PCB-88/91	ND	5.00	1.31	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:	B8B0161	Lab Sample:	B8B0161-BLK1
Sample Size:	1.00 L	Date Extracted:	27-Feb-2018 7:38	Date Analyzed:	02-Mar-18 13:15 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers	Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-89	ND	5.00	1.46	U	PCB-137	ND	5.00	1.27	U
PCB-90/101	ND	10.0	1.47	U	PCB-138/163/164	ND	15.0	0.781	U
PCB-93	ND	5.00	1.38	U	PCB-139/149	ND	10.0	1.06	UM
PCB-94	ND	5.00	1.39	U	PCB-140	ND	5.00	1.44	U
PCB-95/98/102	1.49	15.0		J	PCB-141	ND	5.00	1.38	U
PCB-96	ND	5.00	0.988	U	PCB-142	ND	5.00	1.53	U
PCB-97	ND	5.00	1.49	U	PCB-144	ND	5.00	1.45	U
PCB-99	ND	5.00	1.24	U	PCB-145	ND	5.00	0.984	U
PCB-100	ND	5.00	1.21	U	PCB-146/165	ND	10.0	1.10	U
PCB-103	ND	5.00	1.23	U	PCB-147	ND	5.00	1.38	U
PCB-104	ND	5.00	1.04	U	PCB-148	ND	5.00	1.44	U
PCB-105	ND	5.00	1.51	U	PCB-150	ND	5.00	1.08	U
PCB-106/118	ND	10.0	1.02	U	PCB-151	ND	5.00	1.48	U
PCB-107/109	ND	10.0	0.919	U	PCB-152	ND	5.00	0.960	U
PCB-108/112	ND	10.0	1.25	U	PCB-153	ND	5.00	0.919	U
PCB-110	ND	5.00	0.840	U	PCB-154	ND	5.00	1.27	U
PCB-111/115	ND	10.0	0.979	U	PCB-155	ND	5.00	1.12	U
PCB-113	ND	5.00	1.05	U	PCB-156	ND	5.00	0.999	U
PCB-114	ND	5.00	1.50	U	PCB-157	ND	5.00	1.03	U
PCB-119	ND	5.00	1.03	U	PCB-158/160	ND	10.0	1.08	U
PCB-120	ND	5.00	0.885	U	PCB-159	ND	5.00	0.933	U
PCB-121	ND	5.00	0.758	U	PCB-166	ND	5.00	0.959	U
PCB-122	ND	5.00	1.62	U	PCB-167	ND	5.00	1.01	U
PCB-123	ND	5.00	1.08	U	PCB-168	ND	5.00	1.00	U
PCB-124	ND	5.00	0.932	U	PCB-169	ND	5.00	0.968	U
PCB-126	ND	5.00	1.45	U	PCB-170	ND	5.00	0.881	U
PCB-127	ND	5.00	1.39	U	PCB-171	ND	5.00	0.854	U
PCB-128/162	ND	10.0	1.21	U	PCB-172	ND	5.00	0.844	U
PCB-129	ND	5.00	1.64	U	PCB-173	ND	5.00	0.923	U
PCB-130	ND	5.00	1.74	U	PCB-174	ND	5.00	0.827	U
PCB-131/133	ND	10.0	1.37	U	PCB-175	ND	5.00	0.954	U
PCB-132/161	ND	10.0	1.12	U	PCB-176	ND	5.00	0.728	U
PCB-134/143	ND	10.0	1.47	U	PCB-177	ND	5.00	0.882	U
PCB-135	ND	5.00	1.29	U	PCB-178	ND	5.00	0.983	U
PCB-136	ND	5.00	1.09	U	PCB-179	ND	5.00	0.688	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:	B8B0161	Lab Sample:	B8B0161-BLK1
Sample Size:	1.00 L	Date Extracted:	27-Feb-2018 7:38	Date Analyzed:	02-Mar-18 13:15 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-180	ND	5.00	0.772	U
PCB-181	ND	5.00	0.793	U
PCB-182/187	ND	10.0	0.834	U
PCB-183	ND	5.00	0.845	U
PCB-184	ND	5.00	0.723	U
PCB-185	ND	5.00	0.863	U
PCB-186	ND	5.00	0.671	U
PCB-188	ND	5.00	0.694	U
PCB-189	ND	5.00	0.568	U
PCB-190	ND	5.00	0.648	U
PCB-191	ND	5.00	0.673	U
PCB-192	ND	5.00	0.649	U
PCB-193	ND	5.00	0.684	U
PCB-194	ND	5.00	0.951	U
PCB-195	ND	5.00	1.06	U
PCB-196/203	ND	10.0	1.39	U
PCB-197	ND	5.00	1.07	U
PCB-198	ND	5.00	1.39	U
PCB-199	ND	5.00	1.46	U
PCB-200	ND	5.00	1.12	U
PCB-201	ND	5.00	1.20	U
PCB-202	ND	5.00	1.10	U
PCB-204	ND	5.00	1.09	U
PCB-205	ND	5.00	0.827	U
PCB-206	ND	5.00	0.586	U
PCB-207	ND	5.00	0.691	U
PCB-208	ND	5.00	0.685	U
PCB-209	ND	5.00	0.871	U
Total monoCB	ND		2.41	U
Total diCB	ND		5.53	U
Total triCB	ND		1.32	U
Total tetraCB	ND		7.17	UM
Total pentaCB	1.49			
Total hexaCB	ND		1.06	UM
Total heptaCB	ND		0.983	U

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
Total octaCB	ND		1.46	U
Total nonaCB	ND		0.691	U
DecaCB	ND		0.871	U
Total PCB	1.49			

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:	B8B0161	Lab Sample:	B8B0161-BLK1
Sample Size:	1.00 L	Date Extracted:	27-Feb-2018 7:38	Date Analyzed:	02-Mar-18 13:15 Column: ZB-1

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-PCB-1	36.4	5 - 145	
	13C-PCB-3	53.4	5 - 145	
	13C-PCB-4	62.4	5 - 145	
	13C-PCB-11	84.1	5 - 145	
	13C-PCB-9	70.3	5 - 145	
	13C-PCB-19	79.3	5 - 145	
	13C-PCB-28	80.5	5 - 145	
	13C-PCB-32	92.8	5 - 145	
	13C-PCB-37	88.1	5 - 145	
	13C-PCB-47	91.4	5 - 145	
	13C-PCB-52	91.0	5 - 145	
	13C-PCB-54	85.7	5 - 145	
	13C-PCB-70	98.9	5 - 145	
	13C-PCB-77	88.7	10 - 145	
	13C-PCB-80	98.3	10 - 145	
	13C-PCB-81	85.9	10 - 145	
	13C-PCB-95	113	10 - 145	
	13C-PCB-97	93.7	10 - 145	
	13C-PCB-101	94.8	10 - 145	
	13C-PCB-104	98.2	10 - 145	
	13C-PCB-105	74.0	10 - 145	
	13C-PCB-114	70.6	10 - 145	
	13C-PCB-118	99.0	10 - 145	
	13C-PCB-123	102	10 - 145	
	13C-PCB-126	74.7	10 - 145	
	13C-PCB-127	74.3	10 - 145	
	13C-PCB-138	90.2	10 - 145	
	13C-PCB-141	89.9	10 - 145	
	13C-PCB-153	88.2	10 - 145	
	13C-PCB-155	104	10 - 145	
	13C-PCB-156	94.2	10 - 145	

	Labeled Standard	%R	LCL-UCL	Qualifiers
	13C-PCB-157	94.7	10 - 145	
	13C-PCB-159	92.8	10 - 145	
	13C-PCB-167	94.0	10 - 145	
	13C-PCB-169	91.3	10 - 145	
	13C-PCB-170	97.7	10 - 145	
	13C-PCB-180	96.9	10 - 145	
	13C-PCB-188	83.2	10 - 145	
	13C-PCB-189	97.2	10 - 145	
	13C-PCB-194	95.5	10 - 145	
	13C-PCB-202	95.7	10 - 145	
	13C-PCB-206	113	10 - 145	
	13C-PCB-208	108	10 - 145	
	13C-PCB-209	125	10 - 145	
CRS	13C-PCB-79	91.2	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: OPR

EPA Method 1668C

Matrix:	Aqueous	QC Batch:	B8B0161	Lab Sample:	B8B0161-BS1
Sample Size:	1.00 L	Date Extracted:	27-Feb-2018 7:38	Date Analyzed:	02-Mar-18 11:05 Column: ZB-1

Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits
PCB-1	1040	1000	104	60 - 135
PCB-2	1140	1000	114	60 - 135
PCB-3	1050	1000	105	60 - 135
PCB-4/10	1750	2000	87.5	60 - 135
PCB-5/8	1840	2000	91.8	60 - 135
PCB-6	956	1000	95.6	60 - 135
PCB-7/9	1840	2000	91.9	60 - 135
PCB-11	920	1000	92.0	60 - 135
PCB-12/13	1850	2000	92.7	60 - 135
PCB-14	875	1000	87.5	60 - 135
PCB-15	943	1000	94.3	60 - 135
PCB-16/32	1880	2000	93.8	60 - 135
PCB-17	940	1000	94.0	60 - 135
PCB-18	925	1000	92.5	60 - 135
PCB-19	930	1000	93.0	60 - 135
PCB-20/21/33	2990	3000	99.6	60 - 135
PCB-22	1020	1000	102	60 - 135
PCB-23	1060	1000	106	60 - 135
PCB-24/27	1900	2000	94.9	60 - 135
PCB-25	928	1000	92.8	60 - 135
PCB-26	1020	1000	102	60 - 135
PCB-28	978	1000	97.8	60 - 135
PCB-29	984	1000	98.4	60 - 135
PCB-30	977	1000	97.7	60 - 135
PCB-31	1020	1000	102	60 - 135
PCB-34	977	1000	97.7	60 - 135
PCB-35	986	1000	98.6	60 - 135
PCB-36	900	1000	90.0	60 - 135
PCB-37	988	1000	98.8	60 - 135
PCB-38	920	1000	92.0	60 - 135
PCB-39	942	1000	94.2	60 - 135
PCB-40	1090	1000	109	60 - 135
PCB-41/64/71/72	4210	4000	105	60 - 135
PCB-42/59	2070	2000	104	60 - 135
PCB-43/49	1960	2000	97.9	60 - 135
PCB-44	1060	1000	106	60 - 135
PCB-45	942	1000	94.2	60 - 135
PCB-46	964	1000	96.4	60 - 135
PCB-47	926	1000	92.6	60 - 135
PCB-48/75	1960	2000	98.0	60 - 135

	Labeled Standard	%R	LCL-UCL
IS	13C-PCB-1	30.4	15 - 145
IS	13C-PCB-3	55.0	15 - 145
IS	13C-PCB-4	65.6	15 - 145
IS	13C-PCB-9	74.4	15 - 145
IS	13C-PCB-11	88.1	15 - 145
IS	13C-PCB-19	89.2	15 - 145
IS	13C-PCB-28	86.2	15 - 145
IS	13C-PCB-32	96.1	15 - 145
IS	13C-PCB-37	93.7	15 - 145
IS	13C-PCB-47	100	15 - 145
IS	13C-PCB-52	102	15 - 145
IS	13C-PCB-54	97.6	15 - 145
IS	13C-PCB-70	94.4	15 - 145
IS	13C-PCB-77	99.5	40 - 145
IS	13C-PCB-80	90.4	40 - 145
IS	13C-PCB-81	98.1	40 - 145
IS	13C-PCB-95	84.6	40 - 145
IS	13C-PCB-97	92.7	40 - 145
IS	13C-PCB-101	86.3	40 - 145
IS	13C-PCB-104	96.5	40 - 145
IS	13C-PCB-105	73.0	40 - 145
IS	13C-PCB-114	71.8	40 - 145
IS	13C-PCB-118	94.2	40 - 145
IS	13C-PCB-123	93.4	40 - 145
IS	13C-PCB-126	74.6	40 - 145
IS	13C-PCB-127	72.5	40 - 145
IS	13C-PCB-138	89.0	40 - 145
IS	13C-PCB-141	88.6	40 - 145
IS	13C-PCB-153	86.4	40 - 145
IS	13C-PCB-155	87.7	40 - 145
IS	13C-PCB-156	93.9	40 - 145
IS	13C-PCB-157	95.2	40 - 145
IS	13C-PCB-159	90.5	40 - 145
IS	13C-PCB-167	92.0	40 - 145
IS	13C-PCB-169	90.1	40 - 145
IS	13C-PCB-170	96.7	40 - 145
IS	13C-PCB-180	94.8	40 - 145
IS	13C-PCB-188	83.5	40 - 145
IS	13C-PCB-189	95.8	40 - 145
IS	13C-PCB-194	95.7	40 - 145

Sample ID: OPR

EPA Method 1668C

Matrix:	Aqueous	QC Batch:	B8B0161	Lab Sample:	B8B0161-BS1
Sample Size:	1.00 L	Date Extracted:	27-Feb-2018 7:38	Date Analyzed:	02-Mar-18 11:05 Column: ZB-1

Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits
PCB-50	980	1000	98.0	60 - 135
PCB-51	939	1000	93.9	60 - 135
PCB-52/69	1960	2000	97.8	60 - 135
PCB-53	949	1000	94.9	60 - 135
PCB-54	964	1000	96.4	60 - 135
PCB-55	1020	1000	102	60 - 135
PCB-56/60	1960	2000	97.9	60 - 135
PCB-57	1080	1000	108	60 - 135
PCB-58	1050	1000	105	60 - 135
PCB-61/70	1960	2000	97.8	60 - 135
PCB-62	1020	1000	102	60 - 135
PCB-63	1010	1000	101	60 - 135
PCB-65	1000	1000	100	60 - 135
PCB-66/76	1900	2000	95.0	60 - 135
PCB-67	1000	1000	100	60 - 135
PCB-68	1020	1000	102	60 - 135
PCB-73	926	1000	92.6	60 - 135
PCB-74	949	1000	94.9	60 - 135
PCB-77	957	1000	95.7	60 - 135
PCB-78	946	1000	94.6	60 - 135
PCB-79	997	1000	99.7	60 - 135
PCB-80	952	1000	95.2	60 - 135
PCB-81	975	1000	97.5	60 - 135
PCB-82	954	1000	95.4	60 - 135
PCB-83	921	1000	92.1	60 - 135
PCB-84/92	1880	2000	94.0	60 - 135
PCB-85/116	2030	2000	101	60 - 135
PCB-86	967	1000	96.7	60 - 135
PCB-87/117/125	2670	3000	89.0	60 - 135
PCB-88/91	1950	2000	97.3	60 - 135
PCB-89	948	1000	94.8	60 - 135
PCB-90/101	1860	2000	93.0	60 - 135
PCB-93	955	1000	95.5	60 - 135
PCB-94	994	1000	99.4	60 - 135
PCB-95/98/102	2770	3000	92.3	60 - 135
PCB-96	981	1000	98.1	60 - 135
PCB-97	913	1000	91.3	60 - 135
PCB-99	904	1000	90.4	60 - 135
PCB-100	881	1000	88.1	60 - 135
PCB-103	937	1000	93.7	60 - 135

	Labeled Standard	%R	LCL-UCL
IS	13C-PCB-202	94.3	40 - 145
IS	13C-PCB-206	117	40 - 145
IS	13C-PCB-208	109	40 - 145
IS	13C-PCB-209	127	40 - 145
CRS	13C-PCB-79	103	40 - 145
CRS	13C-PCB-178	101	40 - 145

Sample ID: OPR

EPA Method 1668C

Matrix:	Aqueous	QC Batch:	B8B0161	Lab Sample:	B8B0161-BS1
Sample Size:	1.00 L	Date Extracted:	27-Feb-2018 7:38	Date Analyzed:	02-Mar-18 11:05 Column: ZB-1

Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits	Labeled Standard	%R	LCL-UCL
PCB-104	911	1000	91.1	60 - 135			
PCB-105	897	1000	89.7	60 - 135			
PCB-106/118	1900	2000	95.1	60 - 135			
PCB-107/109	1890	2000	94.4	60 - 135			
PCB-108/112	1830	2000	91.6	60 - 135			
PCB-110	994	1000	99.4	60 - 135			
PCB-111/115	1740	2000	87.0	60 - 135			
PCB-113	983	1000	98.3	60 - 135			
PCB-114	943	1000	94.3	60 - 135			
PCB-119	874	1000	87.4	60 - 135			
PCB-120	847	1000	84.7	60 - 135			
PCB-121	841	1000	84.1	60 - 135			
PCB-122	923	1000	92.3	60 - 135			
PCB-123	916	1000	91.6	60 - 135			
PCB-124	925	1000	92.5	60 - 135			
PCB-126	925	1000	92.5	60 - 135			
PCB-127	892	1000	89.2	60 - 135			
PCB-128/162	1940	2000	97.0	60 - 135			
PCB-129	971	1000	97.1	60 - 135			
PCB-130	1100	1000	110	60 - 135			
PCB-131/133	1910	2000	95.6	60 - 135			
PCB-132/161	1910	2000	95.6	60 - 135			
PCB-134/143	1940	2000	96.9	60 - 135			
PCB-135	1130	1000	113	60 - 135			
PCB-136	1160	1000	116	60 - 135			
PCB-137	884	1000	88.4	60 - 135			
PCB-138/163/164	2830	3000	94.2	60 - 135			
PCB-139/149	2320	2000	116	60 - 135			
PCB-140	1180	1000	118	60 - 135			
PCB-141	950	1000	95.0	60 - 135			
PCB-142	1010	1000	101	60 - 135			
PCB-144	1270	1000	127	60 - 135			
PCB-145	1100	1000	110	60 - 135			
PCB-146/165	1900	2000	95.1	60 - 135			
PCB-147	1140	1000	114	60 - 135			
PCB-148	1080	1000	108	60 - 135			
PCB-150	1080	1000	108	60 - 135			
PCB-151	1200	1000	120	60 - 135			
PCB-152	1100	1000	110	60 - 135			
PCB-153	930	1000	93.0	60 - 135			

Sample ID: OPR

EPA Method 1668C

Matrix:	Aqueous	QC Batch:	B8B0161	Lab Sample:	B8B0161-BS1
Sample Size:	1.00 L	Date Extracted:	27-Feb-2018 7:38	Date Analyzed:	02-Mar-18 11:05 Column: ZB-1

Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits	Labeled Standard	%R	LCL-UCL
PCB-154	1140	1000	114	60 - 135			
PCB-155	951	1000	95.1	60 - 135			
PCB-156	915	1000	91.5	60 - 135			
PCB-157	937	1000	93.7	60 - 135			
PCB-158/160	1930	2000	96.5	60 - 135			
PCB-159	972	1000	97.2	60 - 135			
PCB-166	925	1000	92.5	60 - 135			
PCB-167	950	1000	95.0	60 - 135			
PCB-168	902	1000	90.2	60 - 135			
PCB-169	939	1000	93.9	60 - 135			
PCB-170	970	1000	97.0	60 - 135			
PCB-171	944	1000	94.4	60 - 135			
PCB-172	991	1000	99.1	60 - 135			
PCB-173	990	1000	99.0	60 - 135			
PCB-174	981	1000	98.1	60 - 135			
PCB-175	1090	1000	109	60 - 135			
PCB-176	996	1000	99.6	60 - 135			
PCB-177	971	1000	97.1	60 - 135			
PCB-178	1040	1000	104	60 - 135			
PCB-179	1010	1000	101	60 - 135			
PCB-180	950	1000	95.0	60 - 135			
PCB-181	939	1000	93.9	60 - 135			
PCB-182/187	2060	2000	103	60 - 135			
PCB-183	1030	1000	103	60 - 135			
PCB-184	977	1000	97.7	60 - 135			
PCB-185	957	1000	95.7	60 - 135			
PCB-186	1030	1000	103	60 - 135			
PCB-188	949	1000	94.9	60 - 135			
PCB-189	940	1000	94.0	60 - 135			
PCB-190	958	1000	95.8	60 - 135			
PCB-191	976	1000	97.6	60 - 135			
PCB-192	989	1000	98.9	60 - 135			
PCB-193	943	1000	94.3	60 - 135			
PCB-194	969	1000	96.9	60 - 135			
PCB-195	1030	1000	103	60 - 135			
PCB-196/203	2180	2000	109	60 - 135			
PCB-197	1030	1000	103	60 - 135			
PCB-198	1060	1000	106	60 - 135			
PCB-199	1050	1000	105	60 - 135			
PCB-200	1050	1000	105	60 - 135			

Sample ID: OPR

EPA Method 1668C

Matrix:	Aqueous	QC Batch:	B8B0161	Lab Sample:	B8B0161-BS1
Sample Size:	1.00 L	Date Extracted:	27-Feb-2018 7:38	Date Analyzed:	02-Mar-18 11:05 Column: ZB-1

Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits	Labeled Standard	%R	LCL-UCL
PCB-201	1100	1000	110	60 - 135			
PCB-202	1050	1000	105	60 - 135			
PCB-204	1050	1000	105	60 - 135			
PCB-205	999	1000	99.9	60 - 135			
PCB-206	969	1000	96.9	60 - 135			
PCB-207	980	1000	98.0	60 - 135			
PCB-208	968	1000	96.8	60 - 135			
PCB-209	945	1000	94.5	60 - 135			

LCL-UCL - Lower control limit - upper control limit

Sample ID: OWS-SCHU-T170926125515 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 26-Sep-2017 10:24

Sample Data
Matrix: Water
Sample Size: 0.993 L

Laboratory Data
Lab Sample: 1701338-01 — Date Received: 27-Sep-2017 9:02
QC Batch: B8B0161 — Date Extracted: 27-Feb-2018 7:38
Date Analyzed : 03-Mar-18 15:17 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-1	54.6	5.03		
PCB-2	1.16	5.03		J
PCB-3	10.4	5.03		
PCB-4/10	6290	10.1		
PCB-5/8	52.6	10.1		
PCB-6	13.3	5.03		
PCB-7/9	ND	10.1	4.11	U
PCB-11	8.36	5.03		
PCB-12/13	ND	10.1	7.85	UM
PCB-14	ND	5.03	1.71	U
PCB-15	164	5.03		
PCB-16/32	389	10.1		
PCB-17	223	5.03		
PCB-18	310	5.03		
PCB-19	1820	5.03		
PCB-20/21/33	17.7	15.1		
PCB-22	16.8	5.03		
PCB-23	ND	5.03	0.781	U
PCB-24/27	578	10.1		
PCB-25	28.3	5.03		
PCB-26	157	5.03		
PCB-28	166	5.03		
PCB-29	ND	5.03	0.772	U
PCB-30	ND	5.03	0.922	U
PCB-31	182	5.03		
PCB-34	8.14	5.03		
PCB-35	1.25	5.03		J
PCB-36	ND	5.03	0.663	U
PCB-37	46.7	5.03		
PCB-38	3.29	5.03		J
PCB-39	4.51	5.03		J
PCB-40	48.3	5.03		
PCB-41/64/71/72	275	20.1		
PCB-42/59	119	10.1		
PCB-43/49	374	10.1		
PCB-44	227	5.03		
PCB-45	102	5.03		
PCB-46	36.0	5.03		
PCB-47	274	5.03		
PCB-48/75	38.8	10.1		
PCB-50	5.59	5.03		
PCB-51	60.1	5.03		
PCB-52/69	467	10.1		
PCB-53	279	5.03		
PCB-54	33.9	5.03		
PCB-55	1.80	5.03		J
PCB-56/60	84.8	10.1		
PCB-57	2.85	5.03		J
PCB-58	0.864	5.03		J
PCB-61/70	111	10.1		
PCB-62	ND	5.03	0.591	U
PCB-63	21.2	5.03		
PCB-65	1.64	5.03		J
PCB-66/76	120	10.1		
PCB-67	7.55	5.03		
PCB-68	9.57	5.03		
PCB-73	10.1	5.03		
PCB-74	79.2	5.03		
PCB-77	10.4	5.03		
PCB-78	ND	5.03	0.534	U
PCB-79	1.31	5.03		J
PCB-80	ND	5.03	0.518	U
PCB-81	ND	5.03	0.607	U
PCB-82	13.1	5.03		
PCB-83	ND	5.03	0.682	U
PCB-84/92	85.7	10.1		
PCB-85/116	21.0	10.1		
PCB-86	0.979	5.03		J
PCB-87/117/125	39.0	15.1		
PCB-88/91	44.8	5.03		

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-T170926125515 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 26-Sep-2017 10:24

Sample Data
Matrix: Water
Sample Size: 0.993 L

Laboratory Data
Lab Sample: 1701338-01 — Date Received: 27-Sep-2017 9:02
QC Batch: B8B0161 — Date Extracted: 27-Feb-2018 7:38
Date Analyzed : 03-Mar-18 15:17 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-89	2.01	5.03		J
PCB-90/101	96.6	10.1		
PCB-93	ND	5.03	1.26	U
PCB-94	10.6	5.03		
PCB-95/98/102	130	15.1		B
PCB-96	5.70	5.03		
PCB-97	30.8	5.03		
PCB-99	50.0	5.03		
PCB-100	4.81	5.03		J
PCB-103	4.80	5.03		J
PCB-104	0.684	5.03		J
PCB-105	30.1	5.03		
PCB-106/118	59.0	10.1		
PCB-107/109	6.40	10.1		J
PCB-108/112	10.8	10.1		
PCB-110	104	5.03		
PCB-111/115	1.74	10.1		J
PCB-113	1.65	5.03		J
PCB-114	2.24	5.03		J
PCB-119	4.15	5.03		J
PCB-120	ND	5.03	0.581	UM
PCB-121	ND	5.03	0.694	U
PCB-122	1.05	5.03		J
PCB-123	1.61	5.03		J
PCB-124	2.74	5.03		J
PCB-126	ND	5.03	0.769	U
PCB-127	ND	5.03	0.739	U
PCB-128/162	8.46	10.1		J
PCB-129	3.05	5.03		J
PCB-130	4.96	5.03		J
PCB-131/133	4.01	10.1		J
PCB-132/161	15.7	10.1		
PCB-134/143	5.31	10.1		J
PCB-135	11.7	5.03		
PCB-136	11.5	5.03		

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-137	2.88	5.03		J
PCB-138/163/164	51.4	15.1		
PCB-139/149	38.2	10.1		
PCB-140	ND	5.03	0.765	UM
PCB-141	6.44	5.03		
PCB-142	ND	5.03	1.20	U
PCB-144	1.58	5.03		J
PCB-145	ND	5.03	0.572	U
PCB-146/165	10.5	10.1		
PCB-147	3.68	5.03		J
PCB-148	ND	5.03	0.836	U
PCB-150	ND	5.03	0.630	U
PCB-151	21.4	5.03		
PCB-152	ND	5.03	0.558	U
PCB-153	35.1	5.03		
PCB-154	ND	5.03	1.85	UM
PCB-155	ND	5.03	0.654	U
PCB-156	4.10	5.03		J
PCB-157	1.04	5.03		J
PCB-158/160	4.53	10.1		J
PCB-159	ND	5.03	0.726	U
PCB-166	ND	5.03	0.746	U
PCB-167	1.78	5.03		J
PCB-168	ND	5.03	0.785	U
PCB-169	ND	5.03	0.780	U
PCB-170	6.05	5.03		
PCB-171	1.81	5.03		J
PCB-172	1.34	5.03		J
PCB-173	ND	5.03	0.645	U
PCB-174	6.28	5.03		
PCB-175	ND	5.03	0.600	U
PCB-176	ND	5.03	0.969	UM
PCB-177	ND	5.15	5.15	UM
PCB-178	ND	5.46	5.46	UM
PCB-179	5.82	5.03		

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-T170926125515 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 26-Sep-2017 10:24

Sample Data
Matrix: Water
Sample Size: 0.993 L

Laboratory Data
Lab Sample: 1701338-01 — Date Received: 27-Sep-2017 9:02
QC Batch: B8B0161 — Date Extracted: 27-Feb-2018 7:38
Date Analyzed : 03-Mar-18 15:17 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-180	12.4	5.03		
PCB-181	ND	5.03	0.554	U
PCB-182/187	14.7	10.1		
PCB-183	2.66	5.03		J
PCB-184	ND	5.03	0.454	U
PCB-185	ND	5.03	0.603	U
PCB-186	ND	5.03	0.422	U
PCB-188	ND	5.03	0.436	U
PCB-189	ND	5.03	0.402	U
PCB-190	1.51	5.03		J
PCB-191	ND	5.03	0.470	U
PCB-192	ND	5.03	0.454	U
PCB-193	ND	5.03	1.10	UM
PCB-194	3.86	5.03		J
PCB-195	1.32	5.03		J
PCB-196/203	ND	10.1	4.48	UM
PCB-197	ND	5.03	0.528	U
PCB-198	ND	5.03	0.692	U
PCB-199	6.18	5.03		
PCB-200	0.733	5.03		J
PCB-201	ND	5.03	0.593	U
PCB-202	1.81	5.03		J
PCB-204	ND	5.03	0.542	U
PCB-205	ND	5.03	0.468	U
PCB-206	2.96	5.03		J
PCB-207	ND	5.03	0.385	U
PCB-208	ND	5.03	1.84	UM
PCB-209	1.70	5.03		J
Total monoCB	66.2			
Total diCB	6530			
Total triCB	3950			
Total tetraCB	2800			
Total pentaCB	766			
Total hexaCB	247			
Total heptaCB	52.6			

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
Total octaCB	13.9			
Total nonaCB	2.96			
DecaCB	1.70			
Total PCB	14400			

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-T170926125515 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 26-Sep-2017 10:24

Sample Data
Matrix: Water
Sample Size: 0.993 L

Laboratory Data
Lab Sample: 1701338-01 — Date Received: 27-Sep-2017 9:02
QC Batch: B8B0161 — Date Extracted: 27-Feb-2018 7:38
Date Analyzed : 03-Mar-18 15:17 Column: ZB-1

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-PCB-1	39.0	5 -145	
	13C-PCB-3	52.5	5 -145	
	13C-PCB-4	56.4	5 -145	
	13C-PCB-11	77.0	5 -145	
	13C-PCB-9	62.6	5 -145	
	13C-PCB-19	81.2	5 -145	
	13C-PCB-28	77.5	5 -145	
	13C-PCB-32	92.5	5 -145	
	13C-PCB-37	84.2	5 -145	
	13C-PCB-47	95.1	5 -145	
	13C-PCB-52	95.3	5 -145	
	13C-PCB-54	87.7	5 -145	
	13C-PCB-70	85.8	5 -145	
	13C-PCB-77	91.9	10 -145	
	13C-PCB-80	85.3	10 -145	
	13C-PCB-81	93.1	10 -145	
	13C-PCB-95	82.4	10 -145	
	13C-PCB-97	91.0	10 -145	
	13C-PCB-101	90.6	10 -145	
	13C-PCB-104	91.1	10 -145	
	13C-PCB-105	79.9	10 -145	
	13C-PCB-114	76.4	10 -145	
	13C-PCB-118	92.6	10 -145	
	13C-PCB-123	92.9	10 -145	
	13C-PCB-126	81.7	10 -145	
	13C-PCB-127	80.4	10 -145	
	13C-PCB-138	87.7	10 -145	
	13C-PCB-141	86.7	10 -145	
	13C-PCB-153	85.8	10 -145	
	13C-PCB-155	120	10 -145	
	13C-PCB-156	90.2	10 -145	
	13C-PCB-157	89.3	10 -145	
	13C-PCB-159	91.1	10 -145	
	13C-PCB-167	90.0	10 -145	
	13C-PCB-169	86.7	10 -145	
	13C-PCB-170	91.9	10 -145	
	13C-PCB-180	94.2	10 -145	
	13C-PCB-188	86.5	10 -145	
	13C-PCB-189	95.5	10 -145	
	13C-PCB-194	89.7	10 -145	
	13C-PCB-202	115	10 -145	
	13C-PCB-206	101	10 -145	
	13C-PCB-208	96.1	10 -145	
	13C-PCB-209	115	10 -145	
CRS	13C-PCB-79	97.6	10 -145	
	13C-PCB-178	99.2	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: OWS-THIS-T170926125358 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 26-Sep-2017 9:26

Sample Data
Matrix: Water
Sample Size: 0.998 L

Laboratory Data
Lab Sample: 1701338-02 — Date Received: 27-Sep-2017 9:02
QC Batch: B8B0161 — Date Extracted: 27-Feb-2018 7:38
Date Analyzed : 03-Mar-18 16:22 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-1	30.5	5.01		
PCB-2	ND	5.01	1.18	U
PCB-3	5.06	5.01		
PCB-4/10	3760	10.0		
PCB-5/8	ND	16.0	16.0	UM
PCB-6	ND	7.30	7.30	U
PCB-7/9	ND	10.0	2.61	U
PCB-11	ND	10.9	10.9	U
PCB-12/13	ND	10.0	5.79	U
PCB-14	ND	5.01	1.31	U
PCB-15	74.4	5.01		
PCB-16/32	215	10.0		
PCB-17	103	5.01		
PCB-18	170	5.01		
PCB-19	1140	5.01		
PCB-20/21/33	9.19	15.0		J
PCB-22	8.72	5.01		
PCB-23	ND	5.01	1.01	U
PCB-24/27	300	10.0		
PCB-25	9.69	5.01		
PCB-26	55.2	5.01		
PCB-28	72.5	5.01		
PCB-29	ND	5.01	0.995	U
PCB-30	ND	5.01	0.605	U
PCB-31	56.3	5.01		
PCB-34	ND	5.01	2.79	UM
PCB-35	ND	5.01	0.802	UM
PCB-36	ND	5.01	0.832	U
PCB-37	26.9	5.01		
PCB-38	2.35	5.01		J
PCB-39	1.44	5.01		J
PCB-40	36.8	5.01		
PCB-41/64/71/72	175	20.0		
PCB-42/59	74.0	10.0		
PCB-43/49	193	10.0		
PCB-44	153	5.01		
PCB-45	63.4	5.01		
PCB-46	21.9	5.01		
PCB-47	147	5.01		
PCB-48/75	24.6	10.0		
PCB-50	ND	5.01	2.64	UM
PCB-51	35.9	5.01		
PCB-52/69	242	10.0		
PCB-53	146	5.01		
PCB-54	19.2	5.01		
PCB-55	ND	5.01	0.682	UM
PCB-56/60	46.5	10.0		
PCB-57	1.17	5.01		J
PCB-58	0.515	5.01		J
PCB-61/70	62.0	10.0		
PCB-62	ND	5.01	0.581	U
PCB-63	10.2	5.01		
PCB-65	0.938	5.01		J
PCB-66/76	75.3	10.0		
PCB-67	4.43	5.01		J
PCB-68	4.86	5.01		J
PCB-73	6.40	5.01		
PCB-74	46.7	5.01		
PCB-77	6.63	5.01		
PCB-78	ND	5.01	0.480	U
PCB-79	0.743	5.01		J
PCB-80	ND	5.01	0.446	U
PCB-81	ND	5.01	0.547	U
PCB-82	9.65	5.01		
PCB-83	ND	5.01	0.543	U
PCB-84/92	45.9	10.0		
PCB-85/116	14.0	10.0		
PCB-86	ND	5.01	0.880	U
PCB-87/117/125	25.4	15.0		
PCB-88/91	23.2	5.01		

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-T170926125358 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 26-Sep-2017 9:26

Sample Data
Matrix: Water
Sample Size: 0.998 L

Laboratory Data
Lab Sample: 1701338-02 — Date Received: 27-Sep-2017 9:02
QC Batch: B8B0161 — Date Extracted: 27-Feb-2018 7:38
Date Analyzed : 03-Mar-18 16:22 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-89	ND	5.01	1.80	UM
PCB-90/101	61.2	10.0		
PCB-93	ND	5.01	0.912	U
PCB-94	5.50	5.01		
PCB-95/98/102	72.4	15.0		B
PCB-96	3.48	5.01		J
PCB-97	20.3	5.01		
PCB-99	31.3	5.01		
PCB-100	2.44	5.01		J
PCB-103	2.77	5.01		J
PCB-104	ND	5.01	0.628	U
PCB-105	21.4	5.01		
PCB-106/118	38.3	10.0		
PCB-107/109	ND	10.0	2.90	UM
PCB-108/112	ND	10.0	5.17	UM
PCB-110	65.4	5.01		
PCB-111/115	1.27	10.0		J
PCB-113	ND	5.01	0.584	UM
PCB-114	ND	5.01	1.05	UM
PCB-119	2.52	5.01		J
PCB-120	ND	5.01	0.480	U
PCB-121	ND	5.01	0.502	U
PCB-122	0.804	5.01		J
PCB-123	0.870	5.01		J
PCB-124	ND	5.01	2.01	UM
PCB-126	ND	5.01	0.814	U
PCB-127	ND	5.01	0.797	U
PCB-128/162	4.77	10.0		J
PCB-129	2.31	5.01		J
PCB-130	3.14	5.01		J
PCB-131/133	ND	10.0	1.85	UM
PCB-132/161	9.89	10.0		J
PCB-134/143	3.38	10.0		J
PCB-135	5.56	5.01		
PCB-136	5.90	5.01		
PCB-137	1.70	5.01		J
PCB-138/163/164	31.8	15.0		
PCB-139/149	20.9	10.0		
PCB-140	ND	5.01	0.293	UM
PCB-141	4.89	5.01		J
PCB-142	ND	5.01	0.980	U
PCB-144	1.24	5.01		J
PCB-145	ND	5.01	0.463	U
PCB-146/165	5.69	10.0		J
PCB-147	1.23	5.01		J
PCB-148	ND	5.01	0.676	U
PCB-150	ND	5.01	0.510	U
PCB-151	9.38	5.01		
PCB-152	ND	5.01	0.452	U
PCB-153	22.0	5.01		
PCB-154	1.09	5.01		J
PCB-155	ND	5.01	0.529	U
PCB-156	3.12	5.01		J
PCB-157	ND	5.01	0.796	UM
PCB-158/160	3.48	10.0		J
PCB-159	ND	5.01	0.548	U
PCB-166	ND	5.01	0.562	U
PCB-167	1.20	5.01		J
PCB-168	ND	5.01	0.643	U
PCB-169	ND	5.01	0.592	U
PCB-170	3.62	5.01		J
PCB-171	ND	5.01	1.21	UM
PCB-172	ND	5.01	0.511	U
PCB-173	ND	5.01	0.559	U
PCB-174	ND	5.01	3.41	UM
PCB-175	ND	5.01	0.560	U
PCB-176	ND	5.01	0.427	U
PCB-177	ND	5.01	2.40	UM
PCB-178	ND	5.01	2.61	UM
PCB-179	2.94	5.01		J

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

Sample ID: OWS-THIS-T170926125358 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 26-Sep-2017 9:26

Sample Data
Matrix: Water
Sample Size: 0.998 L

Laboratory Data
Lab Sample: 1701338-02 — Date Received: 27-Sep-2017 9:02
QC Batch: B8B0161 — Date Extracted: 27-Feb-2018 7:38
Date Analyzed : 03-Mar-18 16:22 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-180	6.49	5.01		
PCB-181	ND	5.01	0.480	U
PCB-182/187	7.54	10.0		J
PCB-183	2.01	5.01		J
PCB-184	ND	5.01	0.424	U
PCB-185	ND	5.01	0.523	U
PCB-186	ND	5.01	0.394	U
PCB-188	ND	5.01	0.407	U
PCB-189	ND	5.01	0.352	U
PCB-190	0.717	5.01		J
PCB-191	ND	5.01	0.408	U
PCB-192	ND	5.01	0.394	U
PCB-193	ND	5.01	0.728	UM
PCB-194	2.27	5.01		J
PCB-195	0.882	5.01		J
PCB-196/203	2.24	10.0		J
PCB-197	ND	5.01	0.656	U
PCB-198	ND	5.01	0.858	U
PCB-199	2.77	5.01		J
PCB-200	ND	5.01	0.691	U
PCB-201	ND	5.01	0.736	U
PCB-202	1.24	5.01		J
PCB-204	ND	5.01	0.672	U
PCB-205	ND	5.01	0.377	U
PCB-206	1.58	5.01		J
PCB-207	ND	5.01	0.421	U
PCB-208	0.820	5.01		J
PCB-209	0.763	5.01		J
Total monoCB	35.5			
Total diCB	3830			
Total triCB	2170			
Total tetraCB	1600			
Total pentaCB	448			
Total hexaCB	143			
Total heptaCB	23.3			

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
Total octaCB	9.40			
Total nonaCB	2.40			
DecaCB	0.763			
Total PCB	8260			

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-T170926125358 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 26-Sep-2017 9:26

Sample Data
Matrix: Water
Sample Size: 0.998 L

Laboratory Data
Lab Sample: 1701338-02 — Date Received: 27-Sep-2017 9:02
QC Batch: B8B0161 — Date Extracted: 27-Feb-2018 7:38
Date Analyzed : 03-Mar-18 16:22 Column: ZB-1

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-PCB-1	49.5	5 -145	
	13C-PCB-3	72.2	5 -145	
	13C-PCB-4	71.7	5 -145	
	13C-PCB-11	88.5	5 -145	
	13C-PCB-9	77.1	5 -145	
	13C-PCB-19	98.9	5 -145	
	13C-PCB-28	82.1	5 -145	
	13C-PCB-32	107	5 -145	
	13C-PCB-37	94.1	5 -145	
	13C-PCB-47	94.0	5 -145	
	13C-PCB-52	91.4	5 -145	
	13C-PCB-54	87.8	5 -145	
	13C-PCB-70	94.7	5 -145	
	13C-PCB-77	93.9	10 -145	
	13C-PCB-80	96.5	10 -145	
	13C-PCB-81	95.7	10 -145	
	13C-PCB-95	95.7	10 -145	
	13C-PCB-97	98.7	10 -145	
	13C-PCB-101	96.8	10 -145	
	13C-PCB-104	92.3	10 -145	
	13C-PCB-105	80.6	10 -145	
	13C-PCB-114	83.3	10 -145	
	13C-PCB-118	91.4	10 -145	
	13C-PCB-123	93.3	10 -145	
	13C-PCB-126	81.4	10 -145	
	13C-PCB-127	78.2	10 -145	
	13C-PCB-138	85.4	10 -145	
	13C-PCB-141	86.2	10 -145	
	13C-PCB-153	85.5	10 -145	
	13C-PCB-155	130	10 -145	
	13C-PCB-156	93.4	10 -145	
	13C-PCB-157	95.4	10 -145	
	13C-PCB-159	95.0	10 -145	
	13C-PCB-167	94.7	10 -145	
	13C-PCB-169	90.4	10 -145	
	13C-PCB-170	100	10 -145	
	13C-PCB-180	98.0	10 -145	
	13C-PCB-188	86.6	10 -145	
	13C-PCB-189	101	10 -145	
	13C-PCB-194	94.9	10 -145	
	13C-PCB-202	119	10 -145	
	13C-PCB-206	107	10 -145	
	13C-PCB-208	101	10 -145	
	13C-PCB-209	124	10 -145	
CRS	13C-PCB-79	101	10 -145	
	13C-PCB-178	97.5	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-T170926125646 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 26-Sep-2017 11:48

Sample Data
Matrix: Water
Sample Size: 1.01 L

Laboratory Data
Lab Sample: 1701338-03 — Date Received: 27-Sep-2017 9:02
QC Batch: B8B0161 — Date Extracted: 27-Feb-2018 7:38
Date Analyzed : 03-Mar-18 17:27 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-1	71.1	4.93		
PCB-2	1.75	4.93		J
PCB-3	16.9	4.93		
PCB-4/10	5390	9.86		
PCB-5/8	134	9.86		
PCB-6	34.4	4.93		
PCB-7/9	ND	17.5	17.5	U
PCB-11	17.8	4.93		
PCB-12/13	26.7	9.86		
PCB-14	ND	4.93	1.04	U
PCB-15	342	4.93		
PCB-16/32	404	9.86		
PCB-17	371	4.93		
PCB-18	479	4.93		
PCB-19	1430	4.93		
PCB-20/21/33	104	14.8		
PCB-22	98.6	4.93		
PCB-23	ND	4.93	0.540	U
PCB-24/27	572	9.86		
PCB-25	74.1	4.93		
PCB-26	262	4.93		
PCB-28	422	4.93		
PCB-29	2.31	4.93		J
PCB-30	0.911	4.93		J
PCB-31	554	4.93		
PCB-34	14.5	4.93		
PCB-35	5.29	4.93		
PCB-36	ND	4.93	1.50	U
PCB-37	140	4.93		
PCB-38	6.52	4.93		
PCB-39	5.48	4.93		
PCB-40	71.8	4.93		
PCB-41/64/71/72	362	19.7		
PCB-42/59	146	9.86		
PCB-43/49	536	9.86		
PCB-44	276	4.93		
PCB-45	121	4.93		
PCB-46	42.7	4.93		
PCB-47	382	4.93		
PCB-48/75	53.2	9.86		
PCB-50	6.53	4.93		
PCB-51	61.3	4.93		
PCB-52/69	642	9.86		
PCB-53	310	4.93		
PCB-54	26.2	4.93		
PCB-55	4.49	4.93		J
PCB-56/60	168	9.86		
PCB-57	5.99	4.93		
PCB-58	1.56	4.93		J
PCB-61/70	217	9.86		
PCB-62	ND	4.93	0.560	U
PCB-63	31.1	4.93		
PCB-65	1.34	4.93		J
PCB-66/76	217	9.86		
PCB-67	12.8	4.93		
PCB-68	13.0	4.93		
PCB-73	14.1	4.93		
PCB-74	136	4.93		
PCB-77	23.4	4.93		
PCB-78	ND	4.93	0.529	U
PCB-79	1.70	4.93		J
PCB-80	ND	4.93	0.532	U
PCB-81	ND	4.93	0.603	U
PCB-82	19.2	4.93		
PCB-83	ND	4.93	0.626	U
PCB-84/92	116	9.86		
PCB-85/116	30.9	9.86		
PCB-86	ND	4.93	1.02	U
PCB-87/117/125	55.6	14.8		
PCB-88/91	64.6	4.93		

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

Sample ID: OWS-WAFO-T170926125646 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 26-Sep-2017 11:48

Sample Data
Matrix: Water
Sample Size: 1.01 L

Laboratory Data
Lab Sample: 1701338-03 — Date Received: 27-Sep-2017 9:02
QC Batch: B8B0161 — Date Extracted: 27-Feb-2018 7:38
Date Analyzed : 03-Mar-18 17:27 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-89	2.93	4.93		J
PCB-90/101	142	9.86		
PCB-93	ND	4.93	1.12	U
PCB-94	12.8	4.93		
PCB-95/98/102	178	14.8		B
PCB-96	7.15	4.93		
PCB-97	45.4	4.93		
PCB-99	71.3	4.93		
PCB-100	5.74	4.93		
PCB-103	6.96	4.93		
PCB-104	0.805	4.93		J
PCB-105	49.2	4.93		
PCB-106/118	93.3	9.86		
PCB-107/109	9.94	9.86		
PCB-108/112	13.6	9.86		
PCB-110	148	4.93		
PCB-111/115	2.76	9.86		J
PCB-113	2.27	4.93		J
PCB-114	ND	4.93	2.69	UM
PCB-119	7.14	4.93		
PCB-120	0.919	4.93		J
PCB-121	ND	4.93	0.618	U
PCB-122	ND	4.93	1.26	UM
PCB-123	2.63	4.93		J
PCB-124	3.75	4.93		J
PCB-126	ND	4.93	0.592	U
PCB-127	ND	4.93	0.703	U
PCB-128/162	12.2	9.86		
PCB-129	4.97	4.93		
PCB-130	7.38	4.93		
PCB-131/133	ND	9.86	4.78	UM
PCB-132/161	22.0	9.86		
PCB-134/143	8.95	9.86		J
PCB-135	17.0	4.93		
PCB-136	17.7	4.93		

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-137	3.20	4.93		J
PCB-138/163/164	76.7	14.8		
PCB-139/149	66.9	9.86		
PCB-140	1.44	4.93		J
PCB-141	10.0	4.93		
PCB-142	ND	4.93	0.986	U
PCB-144	2.06	4.93		J
PCB-145	ND	4.93	0.435	U
PCB-146/165	15.3	9.86		
PCB-147	5.85	4.93		
PCB-148	0.895	4.93		J
PCB-150	0.618	4.93		J
PCB-151	30.2	4.93		
PCB-152	0.852	4.93		J
PCB-153	55.0	4.93		
PCB-154	3.54	4.93		J
PCB-155	ND	4.93	0.497	U
PCB-156	7.03	4.93		
PCB-157	2.01	4.93		J
PCB-158/160	6.30	9.86		J
PCB-159	ND	4.93	0.566	U
PCB-166	ND	4.93	0.581	U
PCB-167	2.78	4.93		J
PCB-168	ND	4.93	0.646	U
PCB-169	ND	4.93	0.603	U
PCB-170	9.12	4.93		
PCB-171	2.54	4.93		J
PCB-172	2.01	4.93		J
PCB-173	ND	4.93	0.403	U
PCB-174	9.27	4.93		
PCB-175	ND	4.93	0.396	U
PCB-176	2.12	4.93		J
PCB-177	8.93	4.93		
PCB-178	7.71	4.93		
PCB-179	8.87	4.93		

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

Sample ID: OWS-WAFO-T170926125646 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 26-Sep-2017 11:48

Sample Data
Matrix: Water
Sample Size: 1.01 L

Laboratory Data
Lab Sample: 1701338-03 — Date Received: 27-Sep-2017 9:02
QC Batch: B8B0161 — Date Extracted: 27-Feb-2018 7:38
Date Analyzed : 03-Mar-18 17:27 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-180	18.5	4.93		
PCB-181	ND	4.93	0.346	U
PCB-182/187	23.3	9.86		
PCB-183	5.88	4.93		
PCB-184	ND	4.93	0.300	U
PCB-185	0.960	4.93		J
PCB-186	ND	4.93	0.279	U
PCB-188	ND	4.93	0.288	U
PCB-189	ND	4.93	0.259	U
PCB-190	1.96	4.93		J
PCB-191	ND	4.93	0.294	U
PCB-192	ND	4.93	0.283	U
PCB-193	1.55	4.93		J
PCB-194	5.43	4.93		
PCB-195	2.24	4.93		J
PCB-196/203	8.74	9.86		J
PCB-197	ND	4.93	0.481	U
PCB-198	ND	4.93	0.474	UM
PCB-199	10.0	4.93		
PCB-200	0.745	4.93		J
PCB-201	1.39	4.93		J
PCB-202	4.16	4.93		J
PCB-204	ND	4.93	0.494	U
PCB-205	ND	4.93	0.602	U
PCB-206	7.05	4.93		
PCB-207	0.900	4.93		J
PCB-208	3.55	4.93		J
PCB-209	3.36	4.93		J
Total monoCB	89.7			
Total diCB	5950			
Total triCB	4940			
Total tetraCB	3890			
Total pentaCB	1090			
Total hexaCB	381			
Total heptaCB	103			

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
Total octaCB	32.7			
Total nonaCB	11.5			
DecaCB	3.36			
Total PCB	16500			

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-T170926125646 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 26-Sep-2017 11:48

Sample Data
Matrix: Water
Sample Size: 1.01 L

Laboratory Data
Lab Sample: 1701338-03 — Date Received: 27-Sep-2017 9:02
QC Batch: B8B0161 — Date Extracted: 27-Feb-2018 7:38
Date Analyzed : 03-Mar-18 17:27 Column: ZB-1

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-PCB-1	59.7	5 -145	
	13C-PCB-3	72.7	5 -145	
	13C-PCB-4	74.9	5 -145	
	13C-PCB-11	88.8	5 -145	
	13C-PCB-9	79.9	5 -145	
	13C-PCB-19	100	5 -145	
	13C-PCB-28	102	5 -145	
	13C-PCB-32	108	5 -145	
	13C-PCB-37	98.0	5 -145	
	13C-PCB-47	112	5 -145	
	13C-PCB-52	112	5 -145	
	13C-PCB-54	112	5 -145	
	13C-PCB-70	94.3	5 -145	
	13C-PCB-77	101	10 -145	
	13C-PCB-80	92.0	10 -145	
	13C-PCB-81	101	10 -145	
	13C-PCB-95	85.0	10 -145	
	13C-PCB-97	96.1	10 -145	
	13C-PCB-101	90.6	10 -145	
	13C-PCB-104	104	10 -145	
	13C-PCB-105	83.5	10 -145	
	13C-PCB-114	80.4	10 -145	
	13C-PCB-118	97.1	10 -145	
	13C-PCB-123	98.9	10 -145	
	13C-PCB-126	86.8	10 -145	
	13C-PCB-127	83.9	10 -145	
	13C-PCB-138	91.1	10 -145	
	13C-PCB-141	90.4	10 -145	
	13C-PCB-153	88.3	10 -145	
	13C-PCB-155	117	10 -145	
	13C-PCB-156	95.9	10 -145	
	13C-PCB-157	96.3	10 -145	
	13C-PCB-159	94.8	10 -145	
	13C-PCB-167	93.7	10 -145	
	13C-PCB-169	91.8	10 -145	

	Labeled Standard	%R	LCL-UCL	Qualifiers
	13C-PCB-170	101	10 -145	
	13C-PCB-180	100	10 -145	
	13C-PCB-188	89.3	10 -145	
	13C-PCB-189	102	10 -145	
	13C-PCB-194	93.6	10 -145	
	13C-PCB-202	121	10 -145	
	13C-PCB-206	106	10 -145	
	13C-PCB-208	99.0	10 -145	
	13C-PCB-209	124	10 -145	
CRS	13C-PCB-79	102	10 -145	
	13C-PCB-178	101	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.

1701338, 1.4°C

ANCHOR QEA

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

ENVIRONMENTAL SAMPLE CHAIN OF CUSTODY

COC ID: COC170926130005VISTA
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-SCHU-T170926125515	ENV	W	09/26/2017	10:24	W	2							
								CS PCBs 1668	E1668C	N	N	N	504	4degC
002	OWS-THIS-T170926125358	ENV	W	09/26/2017	09:26	W	2							
								CS PCBs 1668	E1668C	N	N	N	504	4degC
003	OWS-WAFO-T170926125646	ENV	W	09/26/2017	11:48	W	2							
								CS PCBs 1668	E1668C	N	N	N	504	4degC

Comments:

Relinquished by:	Received by:	Relinquished by:	Received by:	Relinquished by:	Received by:
Signature	Signature	Signature	Signature	Signature	Signature
Print Name Chris Yates	Print Name Marissa Sparks	Print Name	Print Name	Print Name	Print Name
Company AQEA	Company VSL	Company	Company	Company	Company
Date/Time 9/26/17 1400	Date/Time 09/27/17 0909	Date/Time	Date/Time	Date/Time	Date/Time

Date Printed: 9/26/2017 * 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 #: 1701338 **TAT** Std. (HOLD)

Samples Arrival:	**Date/Time** 09/27/17 0902	**Initials:** WNS	**Location:** WR-2 **Shelf/Rack:** N/a
Logged In:	**Date/Time** 09/29/17 1053	**Initials:** KV JBLB	**Location:** WR 1 **Shelf/Rack:** NA

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

Temp °C: 1.3 **(uncorrected)**	**Time:** 0908	**Thermometer ID:** IR-1
Temp °C: 1.4 **(corrected)**	**Probe used:** Yes☐ No☒	

	YES	NO	NA
Adequate Sample Volume Received?	✓		
Holding Time Acceptable?	✓		
Shipping Container(s) Intact?	✓		
Shipping Custody Seals Intact?			✓
Shipping Documentation Present?	✓		
Airbill Trk # 8107 0701 1677	✓		
Sample Container Intact?	✓		✓ JBLB 9/29/17
Sample Custody Seals Intact?			✓
Chain of Custody / Sample Documentation Present?	✓		
COC Anomaly/Sample Acceptance Form completed?		✓	✓
If Chlorinated or Drinking Water Samples, Acceptable Preservation?			✓

Preservation Documented:	$Na_2S_2O_3$	Trizma	None	Yes	No	NA
Shipping Container	Vista	Client	Retain	Return	Dispose	

Comments:

EXTRACTION INFORMATION

Process Sheet

Workorder: 1701338

19-Feb-18 LB 1-29-18

Prep Expiration: 2018-Sep-26

Client: General Electric Company

Workorder Due: ~~18-Oct-17~~ 00:00

TAT: 21

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

Matrix: **Aqueous**

Client Matrix: Water

Also run: **Percent Solids**

Prep Batch: B8B0161

Prep Data Entered: 3/2/18 BSS

Date and Initials

Initial Sequence: S8B0067

LabSampleID	Recon	ClientSampleID	Date Received	Location	Comments
1701338-01	☑	OWS-SCHU-T170926125515	27-Sep-17 09:02	WR-1 Cart	
1701338-02	☑	OWS-THIS-T170926125358	27-Sep-17 09:02	WR-1 Cart	
1701338-03	☑	OWS-WAFO-T170926125646	27-Sep-17 09:02	WR-1 Cart	

Vista PM:Martha Maier

Vial Box ID: Patty Slides

Sample Reconciled By: PA 2/27/18

Page 1 of 1

Percent Moisture/ Percent Solids

D2216-90 BATCH ID B8B0162

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

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

Data Entry Verified by: (Initial and Date) BSS 3/2/18

HRMS-9

Date/Time IN:	Date/Time OUT
2/27/18 9:00	2/28/18 9:38

	B	C	D	E	F	G	H	K	M	N	O	P	Q	R
				Intial and Date:	BL 2/27/18	JR 2/28/18			BL 2/27/18					BL 2/27/18
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*
	1701202-01		Sample	1.2900	6.0700	1.2900	0.0000	0.00	6	3	5	0	clear	
	1701202-03		Sample	1.2900	9.6300	1.2900	0.0000	0.00	7	3	5	0	clear	
	1701202-04		Sample	1.2800	11.0800	1.2900	0.0100	0.10	7	3	5	0	clear	
	1701202-05		Sample	1.2600	10.8300	1.2700	0.0100	0.10	6	3	5	0	clear	
	1701202-06		Sample	1.2800	9.7100	1.2800	0.0000	0.00	7	3	5	0	clear	
	1701202-07		Sample	1.2800	8.9500	1.2800	0.0000	0.00	6	3	5	0	clear	
	1701202-08		Sample	1.2900	7.8000	1.2900	0.0000	0.00	7	3	5	0	clear	
	1701338-01		Sample	1.2900	7.8200	1.3000	0.0100	0.15	6	3	5	0	clear	
	1701338-02		Sample	1.2800	8.8800	1.2800	0.0000	0.00	6	3	5	0	clear	
	1701338-03		Sample	1.3000	12.2300	1.3000	0.0000	0.00	6	3	5	0	clear	
	1701810-01		Sample	1.2800	11.1600	1.2800	0.0000	0.00	6	3	5	0	clear	
	1701810-02		Sample	1.2700	13.9800	1.2700	0.0000	0.00	5	3	5	0	clear	
	1701810-03		Sample	1.2900	11.9600	1.2900	0.0000	0.00	6	3	5	0	clear	
	1701941-01		Sample	1.2800	11.3100	1.2800	0.0000	0.00	6	3	5	0	clear	
	1701941-02		Sample	1.2700	10.4400	1.2700	0.0000	0.00	6	3	5	0	clear	
	1701941-03		Sample	1.2700	10.7100	1.2700	0.0000	0.00	7	3	5	0	clear	
	1701941-04		Sample	1.2900	15.0600	1.2900	0.0000	0.00	6	3	5	0	clear	
	1702017-01		Sample	1.2700	10.8200	1.2800	0.0100	0.10	6	3	5	0	clear	
	1702017-02		Sample	1.2800	7.9400	1.2900	0.0100	0.15	7	3	5	0	clear	
	BLK			1.2900	7.0800	1.2900	0.0000	0.00	5	3	5	0	clear	
	OPR			1.2800	10.6000	1.2900	0.0000	0.00	5	3	5	0	clear	

*Sample homogenized in sample container unless otherwise noted.

Percent Moisture/ Percent Solids

D2216-90 BATCH ID B8B0162

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

Analyte: **Units:** %

Dried at 110°C+/-5°C

Data Entry Verified by: (Initial and Date) NA

Inst HRMS-9

Date/Time IN: 2/27/18 9:00 Date/Time OUT 2/28/18 9:38

BL 2/27/18

	B	C	D	E	F	G	H	K	M	N	O	P	Q	R
				Intial and Date:	BL 2/27/18	(A)			BL 2/27/18					BL 2/27/18
Particle Size	SampID		SampType	Pan Tare Wt. (gms)	Wet Pan and Sample Weight (g)	Dry Pan and Sample Weight (g)	Dry Sample Weight (g)	[illegible]	[illegible]	[illegible]	[illegible]	Cl-	Visual Inspection	Sample Homogenized*
	1701202-01	A	Sample	1.29	6.07	1.29			6	3	5	0	Clear	✓
	1701202-03	A	Sample	1.29	9.63	1.29			3	3	5	0		✓
	1701202-04	A	Sample	1.28	11.08	1.29			7	3	5	0		✓
	1701202-05	A	Sample	1.26	10.83	1.27			6	3	5	0		✓
	1701202-06	A	Sample	1.28	9.71	1.28			7	3	5	0		✓
	1701202-07	A	Sample	1.28	8.95	1.28			6	3	5	0		✓
	1701202-08	A	Sample	1.29	7.80	1.29			7	3	5	0		✓
	1701338-01	A	Sample	1.29	7.82	1.30			6	3	5	0		✓
	1701338-02	A	Sample	1.28	8.88	1.28			6	3	5	0		✓
	1701338-03	A	Sample	1.30	12.23	1.30			6	3	5	0		✓
	1701810-01	A	Sample	1.28	11.16	1.28			6	3	5	0		✓
	1701810-02	A	Sample	1.27	13.98	1.27			5	3	5	0		✓
	1701810-03	A	Sample	1.29	11.96	1.29		BL 2/27/18	6	3	5	0		✓
	1701941-01	A	Sample	1.28	11.31	1.28			6	3	5	0		✓
	1701941-02	A	Sample	1.27	10.44	1.27			6	3	5	0		✓
	1701941-03	A	Sample	1.27	10.71	1.27			7	3	5	0		✓
	1701941-04	A	Sample	1.29	15.06	1.29			6	3	5	0		✓
	1702017-01	A	Sample	1.27	10.82	1.28			6	3	5	0		✓
	1702017-02	A	Sample	1.28	7.94	1.29			7	3	5	0		✓
	Blk			1.29	7.08	~~1.28~~ 1.29			5	3	5	0		✓
	OPR			1.28	10.60	1.29			5	3	5	0		✓

(A) Performed 2/28/18. JR 3/2/18

*Sample homogenized in sample container unless otherwise noted.

PREPARATION BENCH SHEET

Matrix: Aqueous

Method: 1668C Full List (All Congener

B8B0161

Chemist: BL

Prep Date/Time: 27-Feb-18 07:38

Prepared using: HRMS - Separatory Funnel

C	VISTA Sample ID	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (L)	IS/NS CHEM/WIT DATE	~~CRS~~ PS CHEM/WIT DATE	AP CHEM/ DATE	ABSG CHEM/ DATE	AA CHEM/ DATE	Florisil CHEM/ DATE	RS CHEM/WIT DATE
							N/A	N/A	N/A	N/A	
☐	B8B0161-BLK1	NA	NA	(1.0)	BSS BL 2/27/18	BSS BL 2/27/18	N/A	BSS 2/28/18	N/A	N/A	BSS BL 2/28/18
☐	B8B0161-BS1			(1.0)							
☐	1701202-01	1472.01	513.26	~~0.96~~ JR 0.95875							
☐	1701202-03	1520.16	515.02	~~1.01~~ JR 1.00514							
☐	1701202-04	1388.91	514.64	0.87427							
☐	1701202-05	1507.64	515.15	0.99249							
☐	1701202-06	1489.90	510.66	~~0.98~~ JR 0.97924							
☐	1701202-07	1510.11	510.97	~~1.00~~ JR 0.99914							
☐	1701202-08	14[redacted]	511.33	0.92155							
☐	1701338-01	14[redacted]	500.73	0.99346 ✓							
☐	1701338-02	1497.[redacted]	499.89	~~1.00~~ JR 0.99808							
☐	1701338-03	1514.45	500.71	1.01374 ✓							
☐	1701810-01	1524.75	502.01	1.02274							
☐	1701810-02	1529.~~02~~ 20 BL 2/27/18	506.14	1.02306							
☐	1701810-03	1531.84	504.92	~~1.03~~ JR 1.02692							
☐	1701941-01	1520.69	502.24	~~1.02~~ JR 1.01845							

IS Name (14)	NS Name (16)	~~CRS~~ PS Name 14	RS Name (V4)	Cycle Time	APP: (SEFUN) SOX SDS	Check Out: Chemist/Date: BL 2/27/18
PCDD/F	PCDD/F	PCDD/F	PCDD/F	Start Date/Time	SOLV: DCM	Check In: Chemist/Date: Empty
PCB 18A0219, 10uL	PCB 18A0304, 10uL	PCB 18A0220, 10uL	PCB 18A0221, 10uL	NA	Other NA	Balance ID: HRMS9
PAH	PAH	PAH	PAH	Stop Date/Time NA	Final Volume(s) 20uL Cg	

Comments: Assume 1 g = 1 mL

PREPARATION BENCH SHEET

Matrix: Aqueous

Method: 1668C Full List (All Congener

B8B0161

Chemist: BL

Prep Date/Time: 27-Feb-18 07:38

Prepared using: HRMS - Separatory Funnel

C	VISTA Sample ID	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (L)	IS/NS CHEM/WIT DATE	~~CRS~~ PS CHEM/WIT DATE	AP CHEM/ DATE	ABSG CHEM/ DATE	AA CHEM/ DATE	Florisil CHEM/ DATE	RS CHEM/WIT DATE
							N/A	N/A	N/A	N/A	
☐	1701941-02	1520.32	502.07	1.01762	BSS BL 2/27/18	BSS BL 2/27/18	N/A	BSS 2/28/18	N/A	N/A	BSS EC 2/28/18
☐	1701941-03	1494.91	502.84	0.99207							
☐	1701941-04	1537.03	499.99	1.03704							
☐	1702017-01	1432.11	502.14	0.92997							
☐	1702017-02	1392.47	504.51	0.8796							

IS Name V9	NS Name V6	~~CRS~~ PS Name V4	RS Name V4	Cycle Time	APP: SEFUN SOX SDS	Check Out: Chemist/Date: BL 2/27/18
PCDD/F	PCDD/F	PCDD/F	PCDD/F	Start Date/Time NA	SOLV: DCM	Check In: Chemist/Date: Empty
PCB 18A0219, 10uL	PCB 18A0304, 10uL	PCB 18A0220, 10uL	PCB 18A0221, 10uL		Other NA	
PAH	PAH	PAH	PAH	Stop Date/Time NA	Final Volume(s) C9 20 uL	Balance ID: HRMS-9

Comments: Assume 1 g = 1 mL

Batch: B8B0161

Matrix: Aqueous

LabNumber	WetWeight (Initial)	% Solids (Extraction Solids)	DryWeight	Final	Extracted	Ext By	Spike	SpikeAmount	ClientMatrix	Analysis
1701202-01	0.95875			20	27-Feb-18 07:38	BML			Water	1668C Full List (All Conger
1701202-03	1.00514			20	27-Feb-18 07:38	BML			Water	1668C Full List (All Conger
1701202-04	0.87427			20	27-Feb-18 07:38	BML			Water	1668C Full List (All Conger
1701202-05	0.99249			20	27-Feb-18 07:38	BML			Water	1668C Full List (All Conger
1701202-06	0.97924			20	27-Feb-18 07:38	BML			Water	1668C Full List (All Conger
1701202-07	0.99914			20	27-Feb-18 07:38	BML			Water	1668C Full List (All Conger
1701202-08	0.92155			20	27-Feb-18 07:38	BML			Water	1668C Full List (All Conger
1701338-01	0.99346			20	27-Feb-18 07:38	BML			Water	1668C Full List (All Conger
1701338-02	0.99808			20	27-Feb-18 07:38	BML			Water	1668C Full List (All Conger
1701338-03	1.01374			20	27-Feb-18 07:38	BML			Water	1668C Full List (All Conger
1701810-01	1.02274			20	27-Feb-18 07:38	BML			Water	1668C Full List (All Conger
1701810-02	1.02306			20	27-Feb-18 07:38	BML			Water	1668C Full List (All Conger
1701810-03	1.02692			20	27-Feb-18 07:38	BML			Water	1668C Full List (All Conger
1701941-01	1.01845			20	27-Feb-18 07:38	BML			Water	1668C Full List (All Conger
1701941-02	1.01762			20	27-Feb-18 07:38	BML			Water	1668C Full List (All Conger
1701941-03	0.99207			20	27-Feb-18 07:38	BML			Water	1668C Full List (All Conger
1701941-04	1.03704			20	27-Feb-18 07:38	BML			Water	1668C Full List (All Conger
1702017-01	0.92997			20	27-Feb-18 07:38	BML			Water	1668C Full List (All Conger
1702017-02	0.8796			20	27-Feb-18 07:38	BML			Water	1668C Full List (All Conger
B8B0161-BLK1	1			20	27-Feb-18 07:38	BML				QC
B8B0161-BS1	1			20	27-Feb-18 07:38	BML	18A0304	10		QC

BL 3/14/18

SAMPLE DATA – EPA METHOD 1668C

Client ID: Method Blank Filename: 180302E1 S:4 Acq: 2-MAR-18 13:15:23 ConCal: ST180302E1-1
Lab ID: B8B0161-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	*		2200	2.5	2.41	*	0.996-1.006
Mono	PCB-2	*	*	n NotF¶	1.06	*		2200	2.5	1.70	*	0.983-0.993
Mono	PCB-3	*	*	n NotF¶	1.06	*		2200	2.5	1.69	*	0.996-1.006
Di	PCB-4/10	*	*	n NotF¶	1.24	*		3800	2.5	2.92	*	0.998-1.008
Di	PCB-7/9	*	*	n NotF¶	0.99	*		3800	2.5	2.11	*	0.863-0.871
Di	PCB-6	*	*	n NotF¶	1.06	*		3800	2.5	1.98	*	0.888-0.897
Di	PCB-5/8	*	*	n NotF¶	1.03	*		7800	1.0	1.67	*	0.904-0.913
Di	PCB-14	*	*	n NotF¶	1.03	*		3800	2.5	1.75	*	0.948-0.958
Di	PCB-11	*	*	n NotF¶	1.11	*		32400	1.0	5.53	*	0.996-1.006
Di	PCB-12/13	*	*	n NotF¶	1.02	*		3800	2.5	1.77	*	1.011-1.021
Di	PCB-15	*	*	n NotF¶	1.05	*		3800	2.5	1.71	*	1.023-1.033
Tri	PCB-19	*	*	n NotF¶	1.20	*		2480	2.5	1.25	*	0.996-1.006
Tri	PCB-30	*	*	n NotF¶	1.93	*		2480	2.5	0.777	*	1.034-1.044
Tri	PCB-18	*	*	n NotF¶	0.91	*		8060	1.0	1.32	*	0.948-0.958
Tri	PCB-17	*	*	n NotF¶	0.84	*		2480	2.5	1.11	*	0.955-0.965
Tri	PCB-24/27	*	*	n NotF¶	1.15	*		2480	2.5	0.808	*	0.977-0.986
Tri	PCB-16/32	*	*	n NotF¶	1.02	*		7670	1.0	1.13	*	0.995-1.005
Tri	PCB-34	*	*	n NotF¶	0.96	*		1560	2.5	0.916	*	0.955-0.965
Tri	PCB-23	*	*	n NotF¶	0.95	*		1560	2.5	0.926	*	0.958-0.968
Tri	PCB-29	*	*	n NotF¶	0.96	*		1560	2.5	0.913	*	0.966-0.976
Tri	PCB-26	*	*	n NotF¶	1.00	*		1560	2.5	0.876	*	0.974-0.984
Tri	PCB-25	*	*	n NotF¶	1.06	*		1560	2.5	0.832	*	0.980-0.990
Tri	PCB-31	*	*	n NotF¶	1.10	*		4100	1.0	0.841	*	0.992-1.002
Tri	PCB-28	*	*	n NotF¶	1.14	*		4100	1.0	0.813	*	0.995-1.005
Tri	PCB-20/21/33	*	*	n NotF¶	1.00	*		4100	1.0	0.928	*	1.017-1.027
Tri	PCB-22	*	*	n NotF¶	1.09	*		1560	2.5	0.809	*	1.032-1.042
Tri	PCB-36	*	*	n NotF¶	1.15	*		1560	2.5	0.788	*	0.929-0.939
Tri	PCB-39	*	*	n NotF¶	1.07	*		1560	2.5	0.847	*	0.943-0.953
Tri	PCB-38	*	*	n NotF¶	1.10	*		1560	2.5	0.822	*	0.966-0.976
Tri	PCB-35	*	*	n NotF¶	1.12	*		1560	2.5	0.807	*	0.982-0.992
Tri	PCB-37	*	*	n NotF¶	1.11	*		1560	2.5	0.814	*	0.996-1.006
Tetra	PCB-54	*	*	n NotF¶	1.07	*		2190	2.5	0.862	*	0.996-1.006
Tetra	PCB-50	*	*	n NotF¶	0.87	*		2190	2.5	1.06	*	1.038-1.048
Tetra	PCB-53	*	*	n NotF¶	1.01	*		2190	2.5	1.06	*	0.940-0.950
Tetra	PCB-51	*	*	n NotF¶	1.10	*		2190	2.5	0.974	*	0.952-0.962
Tetra	PCB-45	*	*	n NotF¶	0.87	*		6400	1.0	1.44	*	0.965-0.975
Tetra	PCB-46	*	*	n NotF¶	0.84	*		2190	2.5	1.28	*	0.980-0.990

Integrations by:

Analyst: MJ

Date: 3/6/18

Reviewed by: CT Date: 3/13/18

Client ID: Method Blank Filename: 180302E1 S:4 Acq: 2-MAR-18 13:15:23 ConCal: ST180302E1-1
Lab ID: B8B0161-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	8.58e+04	0.63	n 31:28	1.21	1.649	R	*	2.5	*	1.001	0.996-1.006
Tetra	PCB-73	*	*	n NotF╗	1.45	*		2190	2.5	0.737	*	1.000-1.010
Tetra	PCB-43/49	*	*	n NotF╗	1.01	*		6730	1.0	1.30	*	1.005-1.015
Tetra	PCB-47	8.35e+04	1.07	n 31:59	0.91	1.957	R	*	2.5	*	1.001	0.995-1.005
Tetra	PCB-48/75	*	*	n NotF╗	1.13	*		2190	2.5	0.866	*	0.999-1.009
Tetra	PCB-65	*	*	n NotF╗	1.27	*		2190	2.5	0.773	*	1.007-1.017
Tetra	PCB-62	*	*	n NotF╗	1.10	*		2190	2.5	0.896	*	1.011-1.021
Tetra	PCB-44	7.52e+04	0.95	n 32:45	0.85	1.867	R	*	2.5	*	1.025	1.020-1.030
Tetra	PCB-42/59	*	*	n NotF╗	1.02	*		5600	1.0	0.985	*	1.027-1.037
Tetra	PCB-41/64/71/72	9.31e+04	0.97	n 33:34	1.17	1.695	R	*	2.5	*	1.051	1.046-1.056
Tetra	PCB-68	*	*	n NotF╗	1.28	*		2190	2.5	0.769	*	1.054-1.064
Tetra	PCB-40	*	*	n NotF╗	0.62	*		2190	2.5	1.57	*	1.060-1.070
Tetra	PCB-57	*	*	n NotF╗	1.13	*		2190	2.5	0.707	*	0.965-0.975
Tetra	PCB-67	*	*	n NotF╗	1.10	*		2190	2.5	0.724	*	0.973-0.983
Tetra	PCB-58	*	*	n NotF╗	1.12	*		2190	2.5	0.710	*	0.977-0.987
Tetra	PCB-63	*	*	n NotF╗	1.00	*		2190	2.5	0.798	*	0.981-0.991
Tetra	PCB-74	*	*	n NotF╗	1.18	*		2190	2.5	0.674	*	0.989-0.999
Tetra	PCB-61/70	*	*	n NotF╗	1.03	*		6800	1.0	0.965	*	0.994-1.004
Tetra	PCB-76/66	*	*	n NotF╗	1.13	*		4900	1.0	0.630	*	1.000-1.010
Tetra	PCB-80	*	*	n NotF╗	1.19	*		2190	2.5	0.673	*	0.995-1.005
Tetra	PCB-55	*	*	n NotF╗	1.16	*		2190	2.5	0.693	*	1.004-1.014
Tetra	PCB-56/60	*	*	n NotF╗	1.04	*		5160	1.0	0.727	*	1.018-1.028
Tetra	PCB-79	*	*	n NotF╗	1.17	*		2190	2.5	0.688	*	1.047-1.057
Tetra	PCB-78	*	*	n NotF╗	1.10	*		2190	2.5	0.826	*	0.982-0.992
Tetra	PCB-81	*	*	n NotF╗	0.97	*		2190	2.5	0.941	*	0.995-1.005
Tetra	PCB-77	*	*	n NotF╗	1.08	*		2190	2.5	0.903	*	0.995-1.005
Penta	PCB-104	*	*	n NotF╗	1.08	*		1590	2.5	1.04	*	0.996-1.006
Penta	PCB-96	*	*	n NotF╗	1.13	*		1590	2.5	0.988	*	1.034-1.044
Penta	PCB-103	*	*	n NotF╗	0.91	*		1590	2.5	1.23	*	1.051-1.061
Penta	PCB-100	*	*	n NotF╗	0.93	*		1590	2.5	1.21	*	1.062-1.072
Penta	PCB-94	*	*	n NotF╗	0.91	*		1590	2.5	1.39	*	0.981-0.991
Penta	PCB-95/98/102	6.78e+04	1.66	y 35:46	1.17	1.491		*	2.5	*	1.000	0.994-1.004
Penta	PCB-93	*	*	n NotF╗	0.93	*		1590	2.5	1.38	*	0.997-1.007
Penta	PCB-88/91	*	*	n NotF╗	0.97	*		1590	2.5	1.31	*	1.005-1.015
Penta	PCB-121	*	*	n NotF╗	1.68	*		1590	2.5	0.758	*	1.009-1.019
Penta	PCB-84/92	*	*	n NotF╗	0.97	*		1590	2.5	1.59	*	0.985-0.995
Penta	PCB-89	*	*	n NotF╗	1.06	*		1590	2.5	1.46	*	0.990-1.000

Analyst: MJ

Date: 3/6/18

Client ID: Method Blank Filename: 180302E1 S:4 Acq: 2-MAR-18 13:15:23 ConCal: ST180302E1-1
Lab ID: B8B0161-BLK1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Penta	PCB-90/101	*	*	n NotF¶	1.08	*		4050	1.0	1.47	*	0.995-1.005
Penta	PCB-113	*	*	n NotF¶	1.48	*		1590	2.5	1.05	*	1.002-1.012
Penta	PCB-99	*	*	n NotF¶	1.25	*		1590	2.5	1.24	*	1.004-1.014
Penta	PCB-119	*	*	n NotF¶	1.70	*		1590	2.5	1.03	*	0.982-0.992
Penta	PCB-108/112	*	*	n NotF¶	1.40	*		1590	2.5	1.25	*	0.986-0.996
Penta	PCB-83	*	*	n NotF¶	1.75	*		1590	2.5	1.00	*	0.990-1.000
Penta	PCB-97	*	*	n NotF¶	1.17	*		1590	2.5	1.49	*	0.995-1.005
Penta	PCB-86	*	*	n NotF¶	1.08	*		1590	2.5	1.62	*	0.999-1.009
Penta	PCB-87/117/125	*	*	n NotF¶	1.55	*		1590	2.5	1.13	*	1.002-1.012
Penta	PCB-111/115	*	*	n NotF¶	1.79	*		1590	2.5	0.979	*	1.006-1.016
Penta	PCB-85/116	*	*	n NotF¶	1.29	*		1590	2.5	1.36	*	1.009-1.019
Penta	PCB-120	*	*	n NotF¶	1.98	*		1590	2.5	0.885	*	1.016-1.026
Penta	PCB-110	*	*	n NotF¶	1.69	*		3200	1.0	0.840	*	1.020-1.030
Penta	PCB-82	*	*	n NotF¶	0.81	*		1590	2.5	1.50	*	0.972-0.982
Penta	PCB-124	*	*	n NotF¶	1.30	*		1590	2.5	0.932	*	0.988-0.998
Penta	PCB-107/109	*	*	n NotF¶	1.31	*		1590	2.5	0.919	*	0.991-1.001
Penta	PCB-123	*	*	n NotF¶	1.12	*		1590	2.5	1.08	*	0.996-1.006
Penta	PCB-106/118	*	*	n NotF¶	1.18	*		1590	2.5	1.02	*	0.996-1.006
Penta	PCB-114	*	*	n NotF¶	1.11	*		1600	2.5	1.50	*	0.995-1.005
Penta	PCB-122	*	*	n NotF¶	1.03	*		1600	2.5	1.62	*	0.999-1.009
Penta	PCB-105	*	*	n NotF¶	1.12	*		1600	2.5	1.51	*	0.995-1.005
Penta	PCB-127	*	*	n NotF¶	1.12	*		1600	2.5	1.39	*	0.995-1.005
Penta	PCB-126	*	*	n NotF¶	1.20	*		1600	2.5	1.45	*	0.995-1.005
Hexa	PCB-155	*	*	n NotF¶	0.99	*		1460	2.5	1.12	*	0.995-1.005
Hexa	PCB-150	*	*	n NotF¶	1.02	*		1460	2.5	1.08	*	1.030-1.040
Hexa	PCB-152	*	*	n NotF¶	1.16	*		1460	2.5	0.960	*	1.042-1.052
Hexa	PCB-145	*	*	n NotF¶	1.13	*		1460	2.5	0.984	*	1.054-1.064
Hexa	PCB-136	*	*	n NotF¶	1.02	*		1460	2.5	1.09	*	1.063-1.073
Hexa	PCB-148	*	*	n NotF¶	0.77	*		1460	2.5	1.44	*	1.066-1.076
Hexa	PCB-154	*	*	n NotF¶	0.88	*		1460	2.5	1.27	*	1.079-1.089
Hexa	PCB-151	*	*	n NotF¶	0.75	*		1460	2.5	1.48	*	1.095-1.107
Hexa	PCB-135	*	*	n NotF¶	0.86	*		1460	2.5	1.29	*	1.101-1.113
Hexa	PCB-144	*	*	n NotF¶	0.77	*		1460	2.5	1.45	*	1.105-1.116
Hexa	PCB-147	*	*	n NotF¶	0.80	*		1460	2.5	1.38	*	1.108-1.120
Hexa	PCB-139/149	3.44e+04	0.86	n 41:28	0.88	1.060	R	*	2.5	*	1.121	1.115-1.127
Hexa	PCB-140	*	*	n NotF¶	0.77	*		1460	2.5	1.44	*	1.120-1.132
Hexa	PCB-134/143	*	*	n NotF¶	0.76	*		1760	2.5	1.47	*	0.970-0.980

Analyst: MS

Date: 3/6/18

Client ID: Method Blank Filename: 180302E1 S:4 Acq: 2-MAR-18 13:15:23 ConCal: ST180302E1-1
Lab ID: B8B0161-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	*		1760	2.5	1.37	*	0.977-0.987
Hexa	PCB-142	*	*	n NotF¶	0.73	*		1760	2.5	1.53	*	0.981-0.991
Hexa	PCB-146/165	*	*	n NotF¶	1.02	*		1760	2.5	1.10	*	0.986-0.996
Hexa	PCB-132/161	*	*	n NotF¶	1.00	*		1760	2.5	1.12	*	0.992-1.002
Hexa	PCB-153	*	*	n NotF¶	1.08	*		3900	1.0	0.919	*	0.995-1.005
Hexa	PCB-168	*	*	n NotF¶	1.12	*		1760	2.5	1.00	*	1.000-1.010
Hexa	PCB-141	*	*	n NotF¶	1.02	*		1760	2.5	1.38	*	0.995-1.005
Hexa	PCB-137	*	*	n NotF¶	1.10	*		1760	2.5	1.27	*	1.004-1.014
Hexa	PCB-130	*	*	n NotF¶	0.81	*		1760	2.5	1.74	*	1.007-1.017
Hexa	PCB-138/163/164	*	*	n NotF¶	1.23	*		3320	1.0	0.781	*	0.996-1.006
Hexa	PCB-158/160	*	*	n NotF¶	1.18	*		1760	2.5	1.08	*	1.001-1.011
Hexa	PCB-129	*	*	n NotF¶	0.78	*		1760	2.5	1.64	*	1.007-1.017
Hexa	PCB-166	*	*	n NotF¶	1.13	*		1760	2.5	0.959	*	0.988-0.998
Hexa	PCB-159	*	*	n NotF¶	1.16	*		1760	2.5	0.933	*	0.995-1.005
Hexa	PCB-128/162	*	*	n NotF¶	0.89	*		1760	2.5	1.21	*	1.002-1.012
Hexa	PCB-167	*	*	n NotF¶	1.02	*		1760	2.5	1.01	*	0.995-1.005
Hexa	PCB-156	*	*	n NotF¶	1.06	*		1760	2.5	0.999	*	0.995-1.005
Hexa	PCB-157	*	*	n NotF¶	1.02	*		1760	2.5	1.03	*	0.996-1.006
Hexa	PCB-169	*	*	n NotF¶	1.13	*		1760	2.5	0.968	*	0.995-1.005
Hepta	PCB-188	*	*	n NotF¶	1.37	*		1720	2.5	0.694	*	0.995-1.005
Hepta	PCB-184	*	*	n NotF¶	1.32	*		1720	2.5	0.723	*	1.006-1.016
Hepta	PCB-179	*	*	n NotF¶	1.38	*		1720	2.5	0.688	*	1.024-1.034
Hepta	PCB-176	*	*	n NotF¶	1.31	*		1720	2.5	0.728	*	1.035-1.045
Hepta	PCB-186	*	*	n NotF¶	1.42	*		1720	2.5	0.671	*	1.049-1.059
Hepta	PCB-178	*	*	n NotF¶	0.97	*		1720	2.5	0.983	*	1.060-1.070
Hepta	PCB-175	*	*	n NotF¶	1.00	*		1720	2.5	0.954	*	1.069-1.079
Hepta	PCB-182/187	*	*	n NotF¶	1.14	*		1720	2.5	0.834	*	1.072-1.082
Hepta	PCB-183	*	*	n NotF¶	1.13	*		1720	2.5	0.845	*	1.080-1.090
Hepta	PCB-185	*	*	n NotF¶	1.36	*		1720	2.5	0.863	*	0.950-0.960
Hepta	PCB-174	*	*	n NotF¶	1.42	*		1720	2.5	0.827	*	0.958-0.968
Hepta	PCB-181	*	*	n NotF¶	1.48	*		1720	2.5	0.793	*	0.960-0.970
Hepta	PCB-177	*	*	n NotF¶	1.33	*		1720	2.5	0.882	*	0.963-0.973
Hepta	PCB-171	*	*	n NotF¶	1.37	*		1720	2.5	0.854	*	0.969-0.979
Hepta	PCB-173	*	*	n NotF¶	1.27	*		1720	2.5	0.923	*	0.978-0.988
Hepta	PCB-172	*	*	n NotF¶	1.39	*		1720	2.5	0.844	*	0.987-0.997
Hepta	PCB-192	*	*	n NotF¶	1.80	*		1720	2.5	0.649	*	0.991-1.001
Hepta	PCB-180	*	*	n NotF¶	1.52	*		1720	2.5	0.772	*	0.995-1.005

Analyst: VM

Date: 3/6/18

Client ID: Method Blank Filename: 180302E1 S:4 Acq: 2-MAR-18 13:15:23 ConCal: ST180302E1-1
Lab ID: B8B0161-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 NotF╗	1.71	*		1720	2.5	0.684	*	0.999-1.009
Hepta	PCB-191	*	*	n NotF╗	1.74	*		1720	2.5	0.673	*	1.005-1.015
Hepta	PCB-170	*	*	n NotF╗	1.44	*		1720	2.5	0.881	*	0.995-1.005
Hepta	PCB-190	*	*	n NotF╗	1.95	*		1720	2.5	0.648	*	0.999-1.009
Hepta	PCB-189	*	*	n NotF╗	1.46	*		1720	2.5	0.568	*	0.995-1.005
Octa	PCB-202	*	*	n NotF╗	1.06	*		1690	2.5	1.10	*	0.995-1.005
Octa	PCB-201	*	*	n NotF╗	0.98	*		1690	2.5	1.20	*	1.006-1.016
Octa	PCB-204	*	*	n NotF╗	1.07	*		1690	2.5	1.09	*	1.009-1.019
Octa	PCB-197	*	*	n NotF╗	1.10	*		1690	2.5	1.07	*	1.015-1.025
Octa	PCB-200	*	*	n NotF╗	1.04	*		1690	2.5	1.12	*	1.034-1.044
Octa	PCB-198	*	*	n NotF╗	0.84	*		1690	2.5	1.39	*	1.065-1.075
Octa	PCB-199	*	*	n NotF╗	0.80	*		1690	2.5	1.46	*	1.067-1.077
Octa	PCB-196/203	*	*	n NotF╗	0.84	*		1690	2.5	1.39	*	1.072-1.082
Octa	PCB-195	*	*	n NotF╗	1.04	*		1610	2.5	1.06	*	0.979-0.989
Octa	PCB-194	*	*	n NotF╗	1.16	*		1610	2.5	0.951	*	0.995-1.005
Octa	PCB-205	*	*	n NotF╗	1.33	*		1610	2.5	0.827	*	1.000-1.010
Nona	PCB-208	*	*	n NotF╗	0.90	*		1420	2.5	0.685	*	0.995-1.005
Nona	PCB-207	*	*	n NotF╗	0.89	*		1420	2.5	0.691	*	1.001-1.011
Nona	PCB-206	*	*	n NotF╗	0.88	*		2370	1.0	0.586	*	0.995-1.005
Deca	PCB-209	*	*	n NotF╗	1.04	*		1260	2.5	0.871	*	0.995-1.005

Analyst: MJ

Date: 3/6/18

Client ID: Method Blank Filename: 180302E1 S:4 Acq: 2-MAR-18 13:15:23 ConCal: ST180302E1-1
Lab ID: B8B0161-BLK1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Name	Resp	RA		RT	RRF	Conc	
Total Mono-PCB	*	*	n	NotFnd	1.06	*	
Total Di-PCB	*	*	n	NotFnd	1.04	*	
Total Tri-PCB	*	*	n	NotFnd	1.15	*	
Total Tri-PCB	*	*	n	NotFnd	1.05	*	Sum:0.00000
Total Tetra-PCB	*	*	n	NotFnd	1.06	*	
Total Penta-PCB	6.78e+04	1.66	y	35:46	1.18	1.49079	
Total Penta-PCB	*	*	n	NotFnd	1.12	*	Sum:1.49079
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:9.71754000000

Integrations by Analyst: MJ

Date: 3/6/18

Client ID: Method Blank Filename: 180302E1 S:4 Acq: 2-MAR-18 13:15:23 ConCal: ST180302E1-1
Lab ID: B8B0161-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	5.19e+07	3.09 y	1.13	15:59	0.618	0.616	0.622	729	36.4
13C-PCB-3	8.15e+07	3.07 y	1.21	18:37	0.720	0.716	0.724	1070	53.4
13C-PCB-4	4.67e+07	1.55 y	0.59	19:58	0.772	0.769	0.777	1250	62.4
13C-PCB-9	8.35e+07	1.53 y	0.94	21:46	0.842	0.837	0.845	1410	70.3
13C-PCB-11	1.00e+08	1.51 y	0.95	25:09	0.973	0.968	0.978	1680	84.1
13C-PCB-19	6.23e+07	1.03 y	0.62	24:08	0.933	0.928	0.938	1590	79.3
13C-PCB-28	7.77e+07	1.02 y	1.05	29:02	1.004	0.999	1.009	1610	80.5
13C-PCB-32	1.07e+08	1.06 y	0.91	27:04	1.046	1.041	1.051	1860	92.8
13C-PCB-37	8.27e+07	1.00 y	1.02	32:54	1.138	1.132	1.144	1760	88.1
13C-PCB-47	9.42e+07	0.78 y	0.83	31:57	0.870	0.867	0.875	1830	91.4
13C-PCB-52	8.59e+07	0.79 y	0.76	31:26	0.857	0.853	0.861	1820	91.0
13C-PCB-54	9.84e+07	0.79 y	0.93	27:54	0.760	0.756	0.764	1710	85.7
13C-PCB-70	1.22e+08	0.80 y	1.00	35:28	0.966	0.961	0.971	1980	98.9
13C-PCB-77	1.05e+08	0.82 y	0.96	39:35	1.078	1.073	1.083	1770	88.7
13C-PCB-80	1.21e+08	0.82 y	1.00	35:53	0.978	0.973	0.983	1970	98.3
13C-PCB-81	1.07e+08	0.79 y	1.01	38:59	1.062	1.057	1.067	1720	85.9
13C-PCB-95	7.76e+07	1.58 y	0.80	35:46	0.913	0.908	0.918	2250	113
13C-PCB-97	5.65e+07	1.56 y	0.70	38:45	0.989	0.984	0.994	1870	93.7
13C-PCB-101	6.53e+07	1.56 y	0.80	37:27	0.956	0.951	0.961	1900	94.8
13C-PCB-104	8.50e+07	1.53 y	1.01	32:36	0.832	0.828	0.836	1960	98.2
13C-PCB-105	6.23e+07	1.54 y	1.14	43:00	0.929	0.924	0.934	1480	74.0
13C-PCB-114	6.15e+07	1.56 y	1.18	42:09	0.910	0.905	0.915	1410	70.6
13C-PCB-118	8.47e+07	1.57 y	1.00	41:30	1.059	1.054	1.064	1980	99.0
13C-PCB-123	8.25e+07	1.56 y	0.95	41:19	1.054	1.049	1.059	2030	102
13C-PCB-126	6.26e+07	1.53 y	1.14	45:14	0.977	0.972	0.982	1490	74.7
13C-PCB-127	6.81e+07	1.54 y	1.24	43:20	0.936	0.931	0.941	1490	74.3
13C-PCB-138	7.80e+07	1.26 y	1.17	44:45	0.967	0.962	0.972	1800	90.2
13C-PCB-141	7.33e+07	1.28 y	1.11	43:54	0.948	0.944	0.954	1800	89.9
13C-PCB-153	8.69e+07	1.24 y	1.34	43:10	0.933	0.928	0.938	1760	88.2
13C-PCB-155	7.38e+07	1.30 y	0.83	36:59	0.944	0.939	0.949	2080	104
13C-PCB-156	9.60e+07	1.26 y	1.38	47:60	1.037	1.032	1.042	1880	94.2
13C-PCB-157	9.58e+07	1.26 y	1.37	48:16	1.043	1.037	1.047	1890	94.7
13C-PCB-159	9.49e+07	1.27 y	1.39	46:02	0.994	0.989	0.999	1860	92.8
13C-PCB-167	9.69e+07	1.25 y	1.40	46:43	1.009	1.004	1.014	1880	94.0
13C-PCB-169	9.36e+07	1.27 y	1.39	50:28	1.090	1.085	1.095	1830	91.3
13C-PCB-170	4.75e+07	0.45 y	0.86	50:53	1.103	1.097	1.109	1950	97.7
13C-PCB-180	5.36e+07	0.45 y	0.98	49:17	1.069	1.064	1.074	1940	96.9
13C-PCB-188	6.58e+07	0.46 y	1.40	42:48	0.928	0.923	0.933	1660	83.2
13C-PCB-189	6.32e+07	0.45 y	1.15	52:30	1.138	1.132	1.144	1940	97.2
13C-PCB-194	4.80e+07	0.89 y	0.77	54:04	0.995	0.990	1.000	1910	95.5
13C-PCB-202	6.94e+07	0.91 y	1.28	48:13	1.045	1.040	1.050	1910	95.7
13C-PCB-206	5.95e+07	0.79 y	0.81	55:38	1.024	1.019	1.029	2250	113
13C-PCB-208	7.72e+07	0.79 y	1.09	53:19	0.981	0.977	0.987	2160	108
13C-PCB-209	6.01e+07	1.19 y	0.74	56:58	1.049	1.043	1.053	2500	125

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.16e+08	0.79 y	1.03	37:46	1.029	1.024	1.034	1820	91.2
13C-PCB-178	5.14e+07	0.46 y	0.93	45:35	0.985	0.980	0.990	1960	97.9

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.16e+08	0.79 y	1.03	37:46	0.969	0.963	0.973	2120	106
13C-PCB-178	5.14e+07	0.46 y	0.95	45:35	0.925	0.920	0.930	2020	101

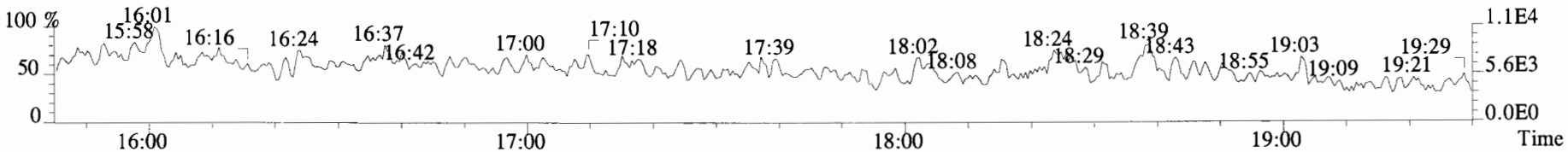
RS

Name	Resp	RA	RRF	RT	Conc
13C-PCB-15	1.26e+08	1.53 y	1.00	25:52	2000
13C-PCB-31	9.21e+07	1.03 y	1.00	28:55	2000
13C-PCB-60	1.23e+08	0.80 y	1.00	36:42	2000
13C-PCB-111	8.58e+07	1.60 y	1.00	39:11	2000
13C-PCB-128	7.37e+07	1.24 y	1.00	46:17	2000
13C-PCB-182	5.66e+07	0.46 y	1.00	46:08	2000
13C-PCB-205	6.54e+07	0.91 y	1.00	54:19	2000

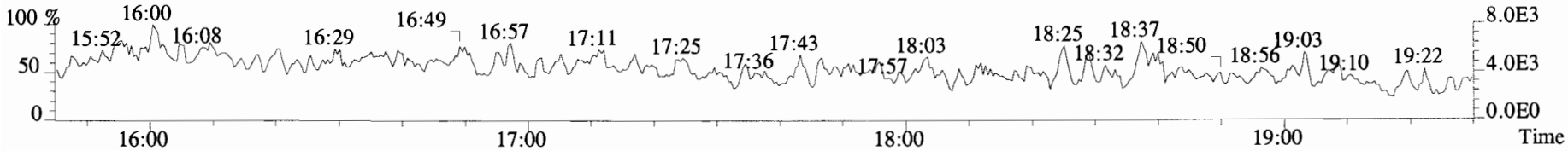
Analyst: MJ

Date: 3/6/18

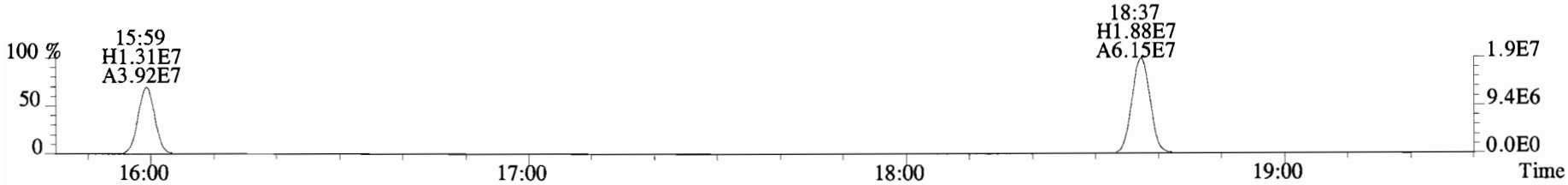
File:180302E1 #1-867 Acq: 2-MAR-2018 13:15:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BLK1 Method Blank 1 Exp:PCB_ZB1
188.0393 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7960.0,0.00%,F,F)



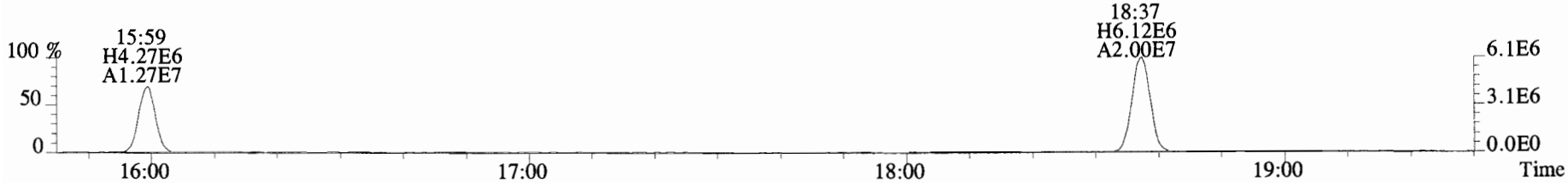
190.0363 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5568.0,0.00%,F,F)



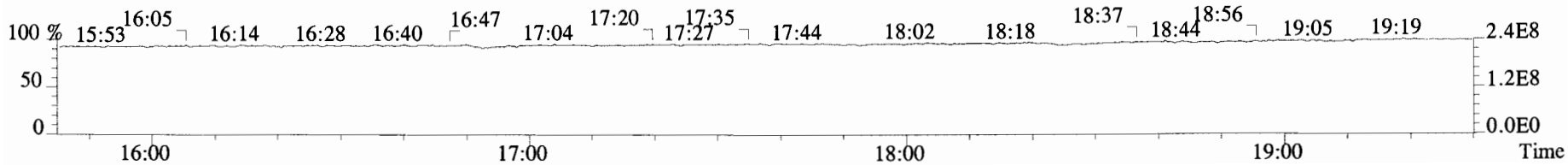
200.0795 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7332.0,0.00%,F,F)



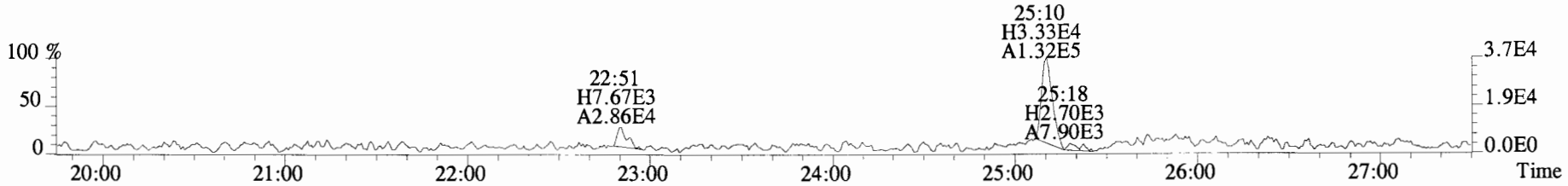
202.0766 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26688.0,0.00%,F,F)



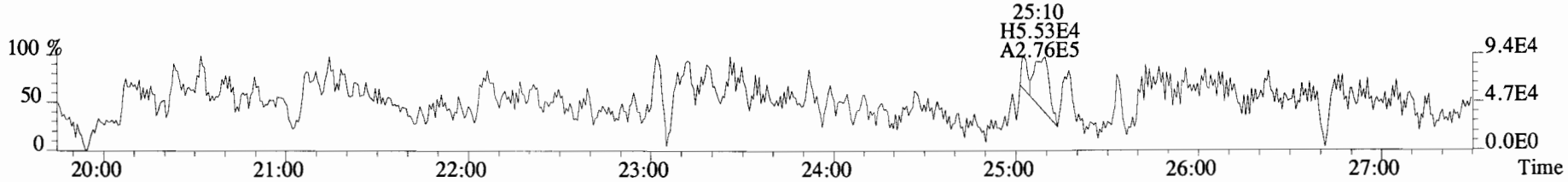
180.9880 S:4



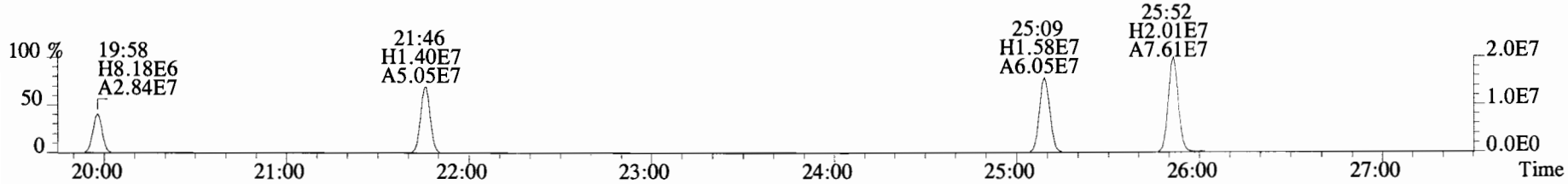
File:180302E1 #1-757 Acq: 2-MAR-2018 13:15:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BLK1 Method Blank 1 Exp:PCB_ZB1
222.0003 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3860.0,0.00%,F,F)



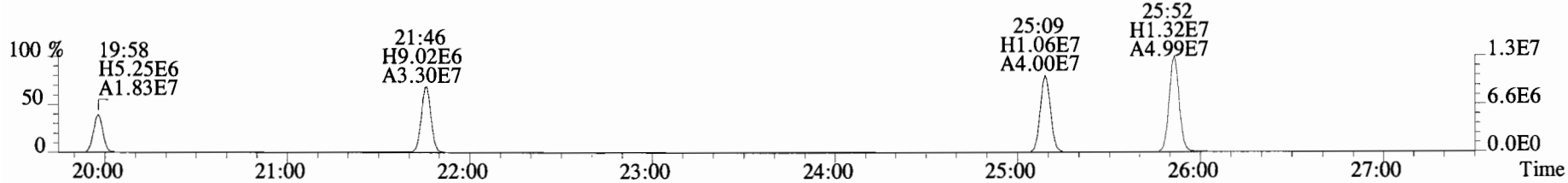
223.9974 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,60084.0,0.00%,F,F)



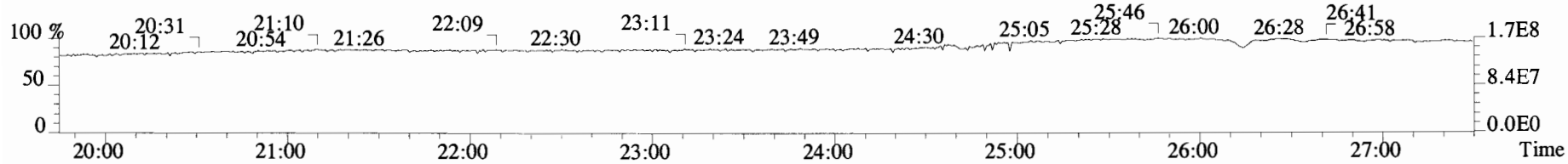
234.0406 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4384.0,0.00%,F,F)



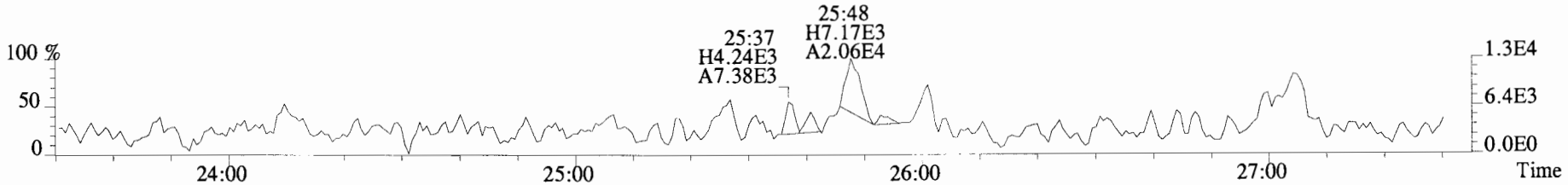
236.0376 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3468.0,0.00%,F,F)



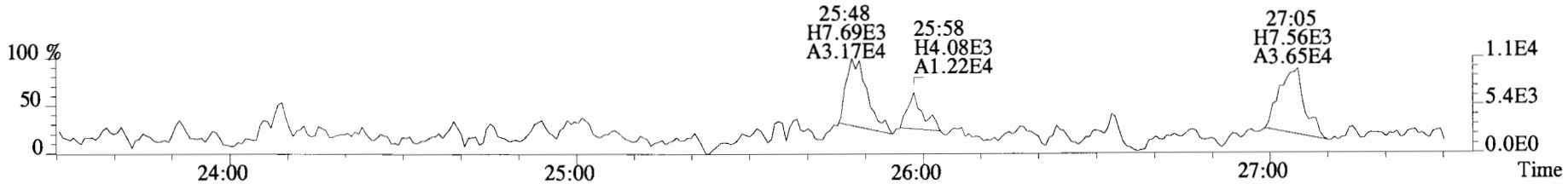
230.9856 S:4 F:2



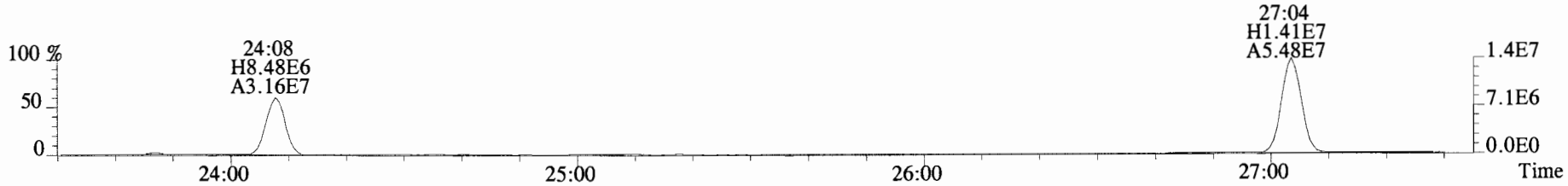
File:180302E1 #1-757 Acq: 2-MAR-2018 13:15:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BLK1 Method Blank 1 Exp:PCB_ZB1
255.9613 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4180.0,0.00%,F,F)



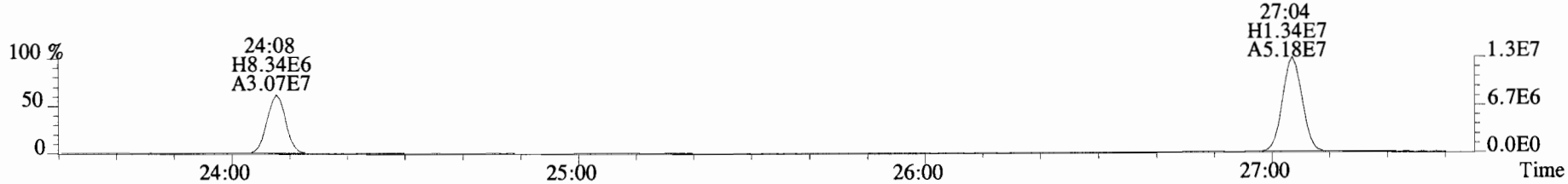
257.9584 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2480.0,0.00%,F,F)



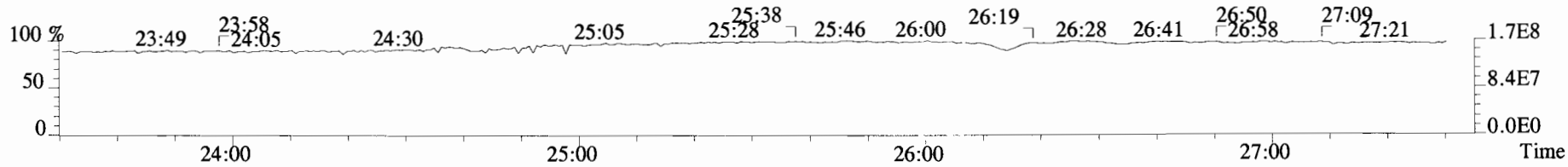
268.0016 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,98844.0,0.00%,F,F)



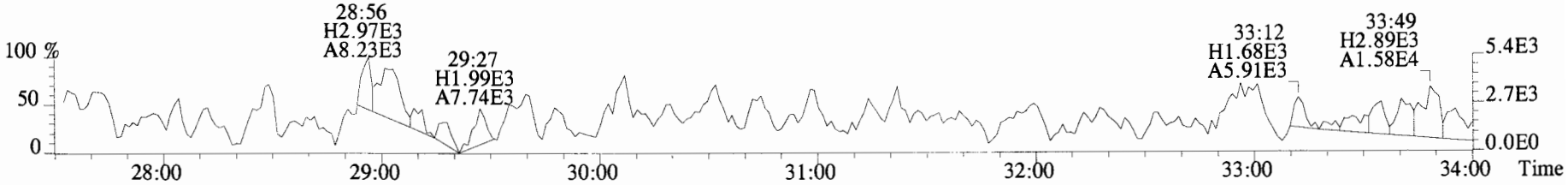
269.9986 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,68260.0,0.00%,F,F)



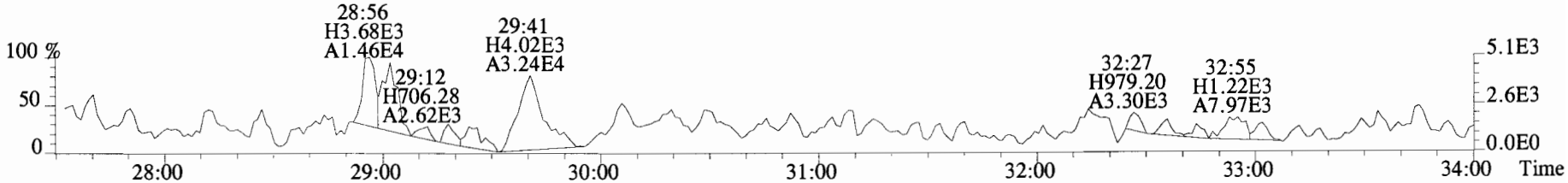
230.9856 S:4 F:2



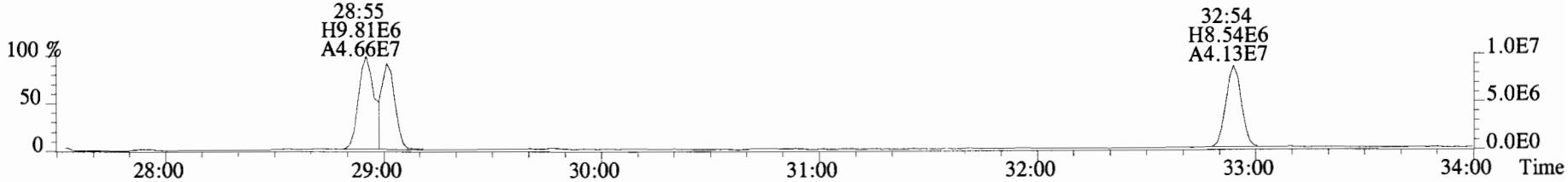
File:180302E1 #1-756 Acq: 2-MAR-2018 13:15:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BLK1 Method Blank 1 Exp:PCB_ZB1
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2360.0,0.00%,F,F)



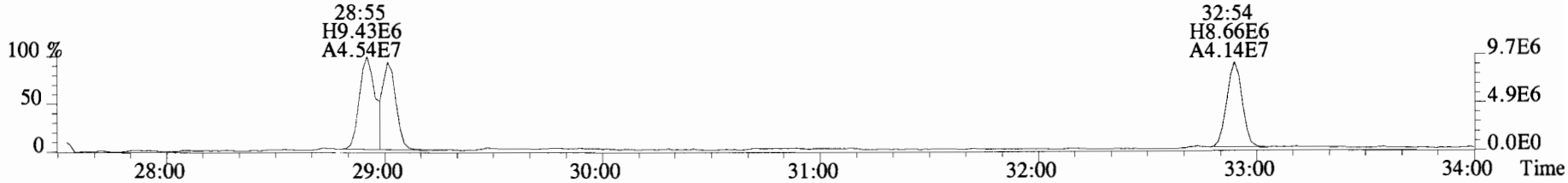
257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1560.0,0.00%,F,F)



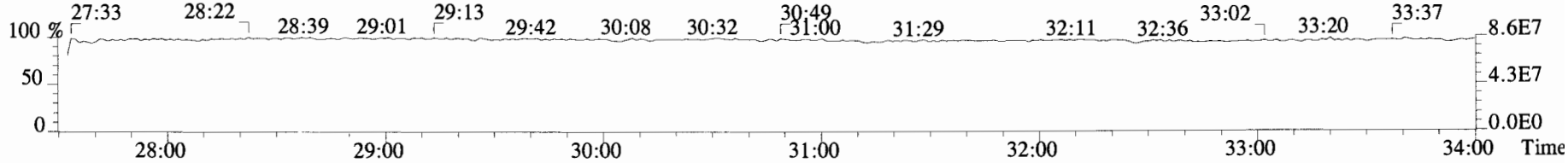
268.0016 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,267240.0,0.00%,F,F)



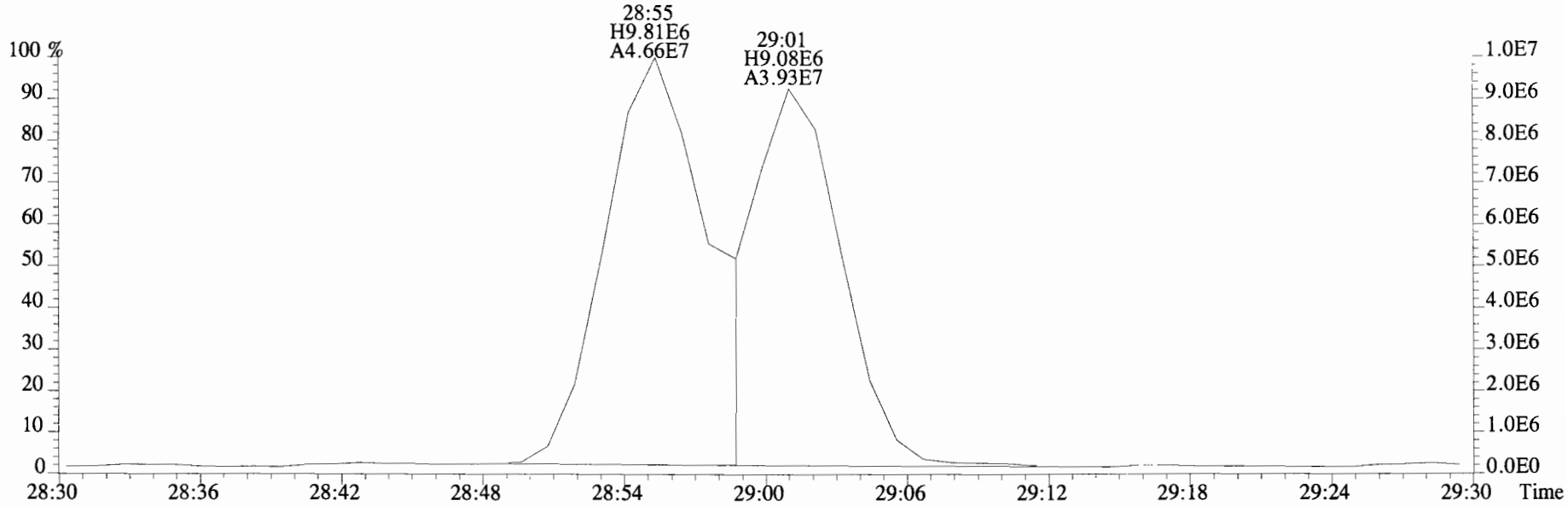
269.9986 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,324792.0,0.00%,F,F)



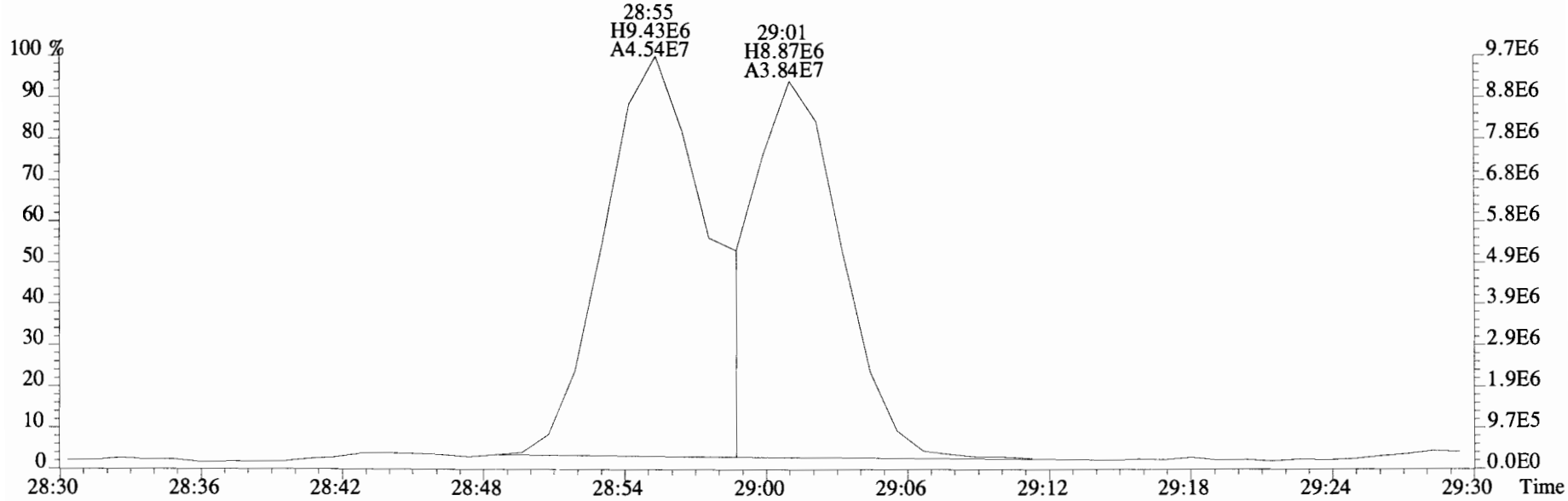
330.9792 S:4 F:3



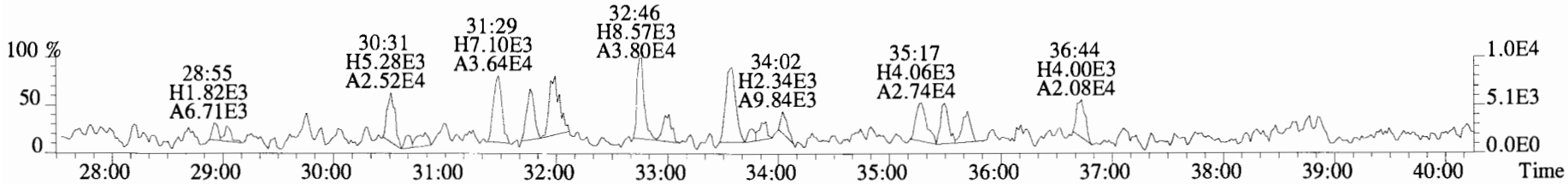
File:180302E1 #1-756 Acq: 2-MAR-2018 13:15:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BLK1 Method Blank 1 Exp:PCB_ZB1
268.0016 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,267240.0,0.00%,F,F)



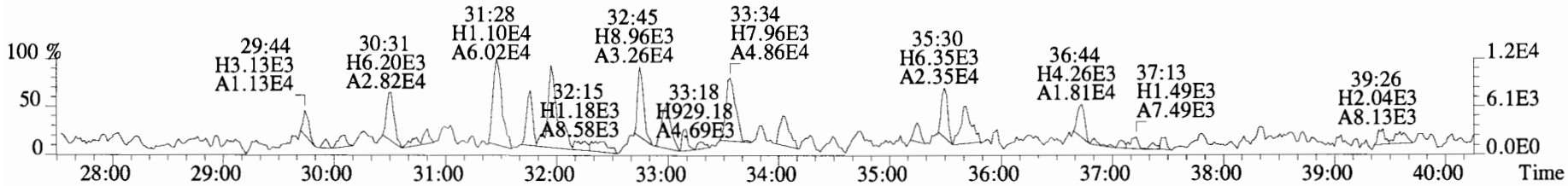
269.9986 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,324792.0,0.00%,F,F)



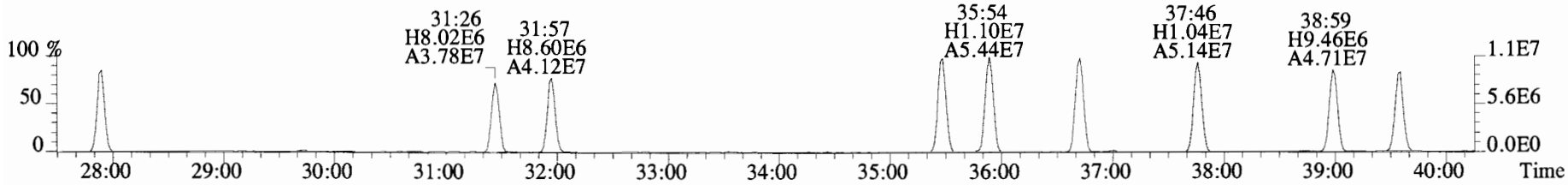
File:180302E1 #1-756 Acq: 2-MAR-2018 13:15:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BLK1 Method Blank 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2156.0,0.00%,F,F)



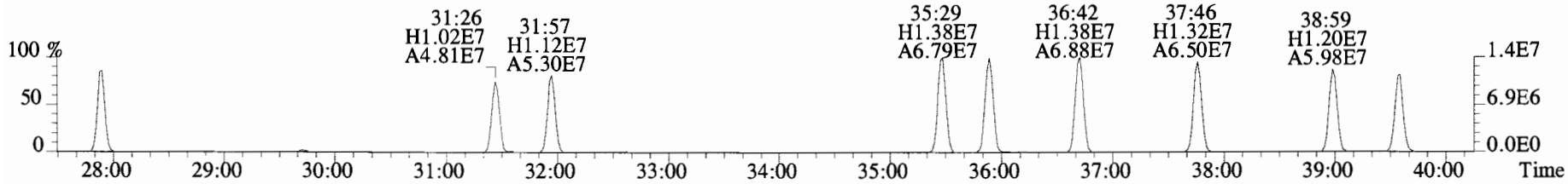
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2188.0,0.00%,F,F)



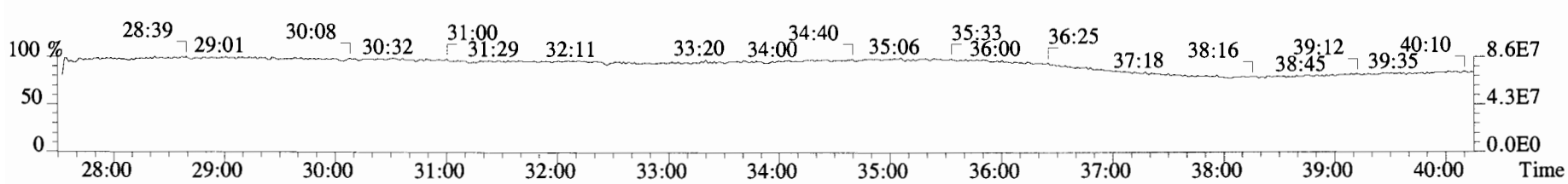
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,46276.0,0.00%,F,F)



303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22576.0,0.00%,F,F)

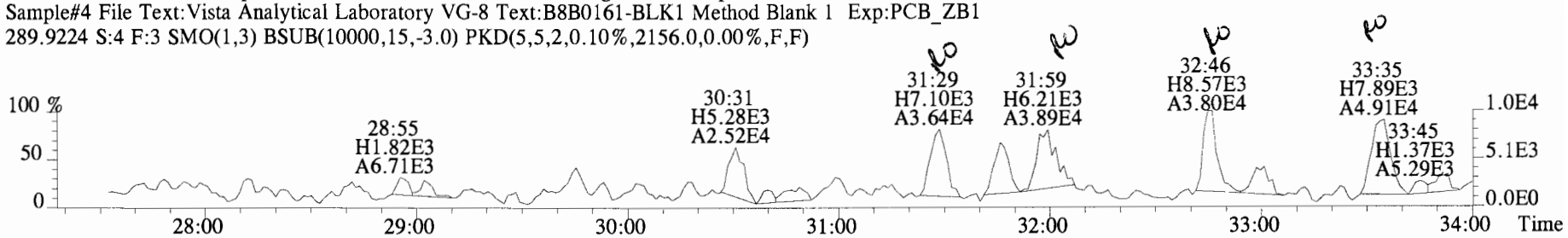


330.9792 S:4 F:3

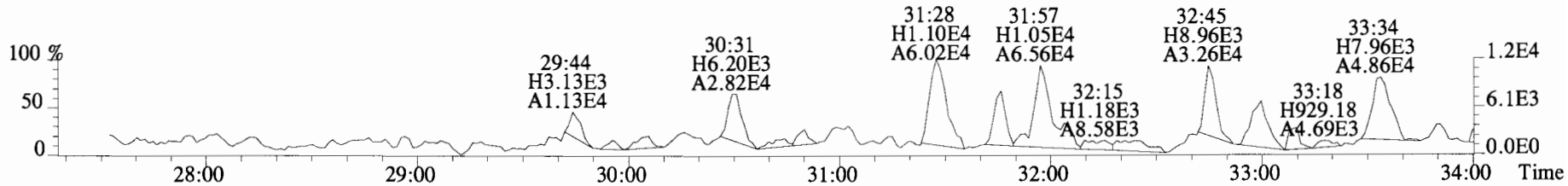


File:180302E1 #1-756 Acq: 2-MAR-2018 13:15:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BLK1 Method Blank 1 Exp:PCB_ZB1

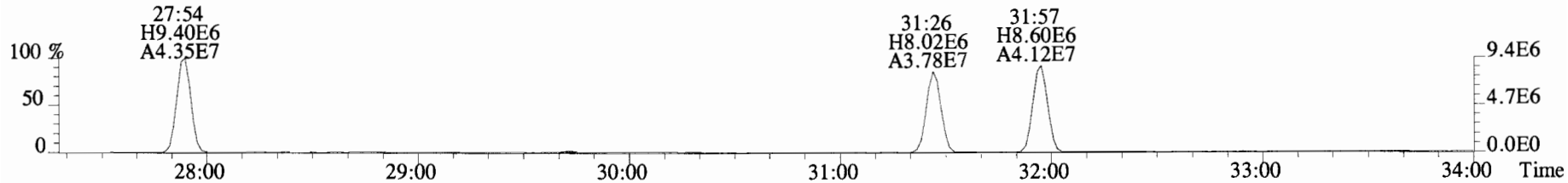
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2156.0,0.00%,F,F)



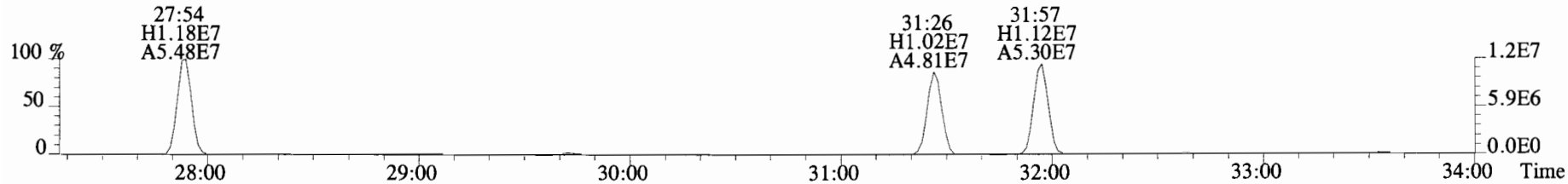
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2188.0,0.00%,F,F)



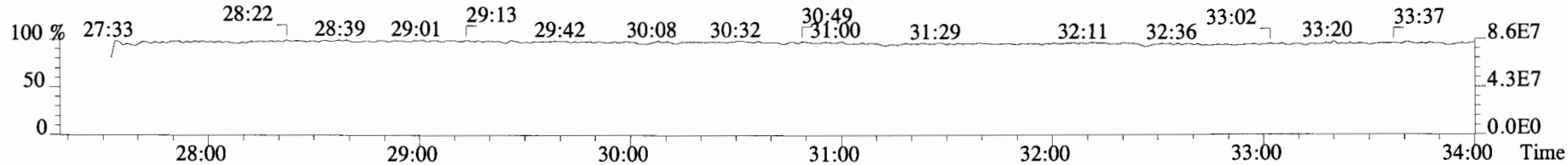
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,46276.0,0.00%,F,F)



303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22576.0,0.00%,F,F)

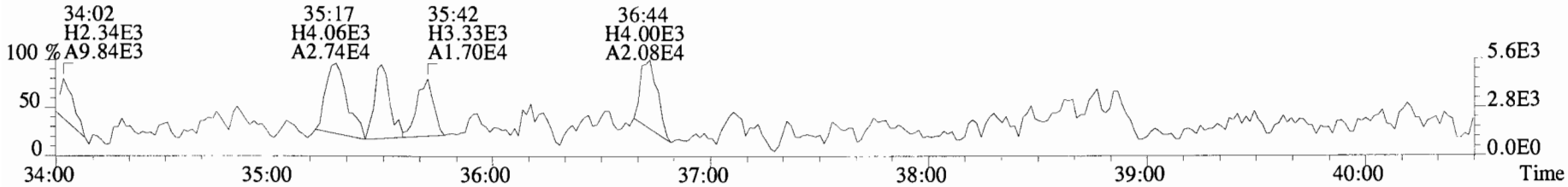


330.9792 S:4 F:3

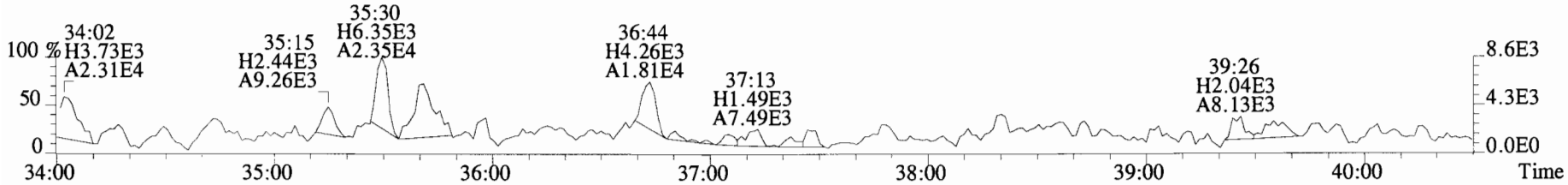


File:180302E1 #1-756 Acq: 2-MAR-2018 13:15:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BLK1 Method Blank 1 Exp:PCB_ZB1

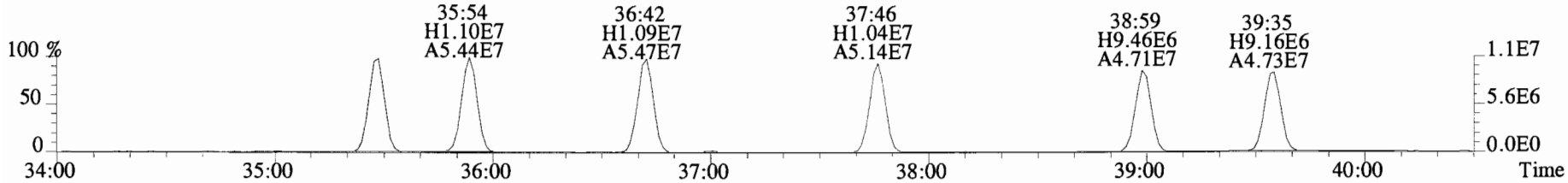
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2156.0,0.00%,F,F)



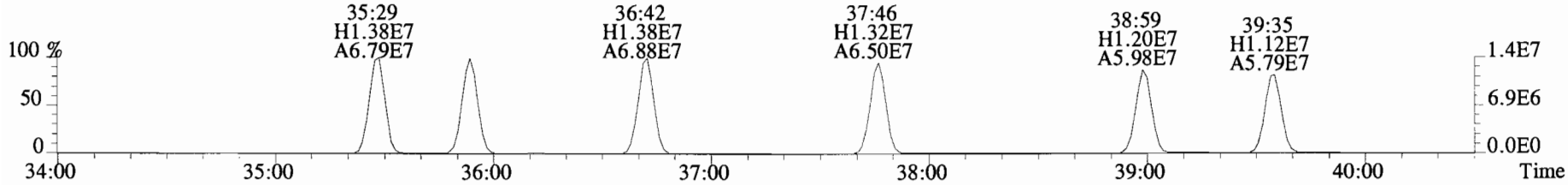
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2188.0,0.00%,F,F)



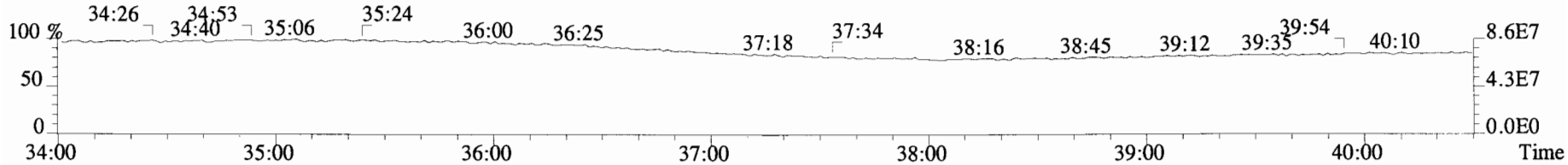
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,46276.0,0.00%,F,F)



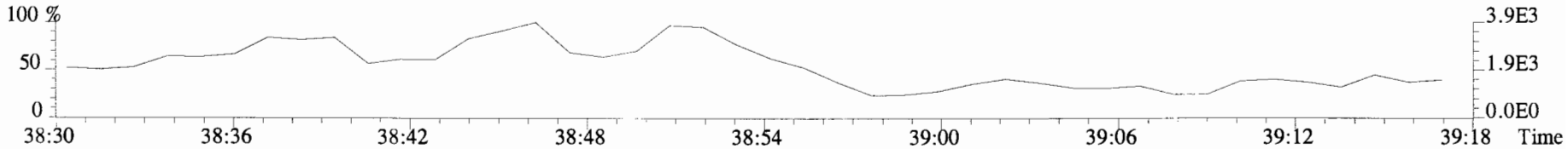
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22576.0,0.00%,F,F)



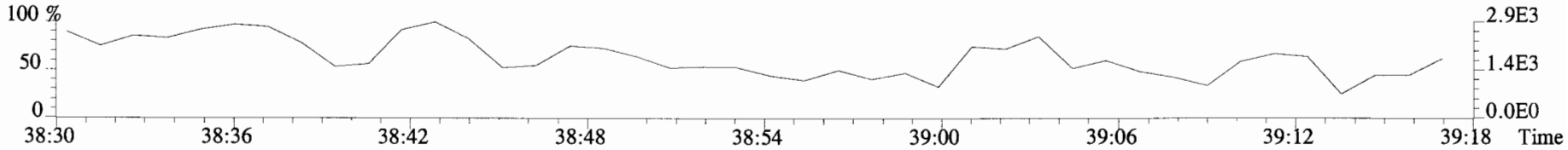
330.9792 S:4 F:3



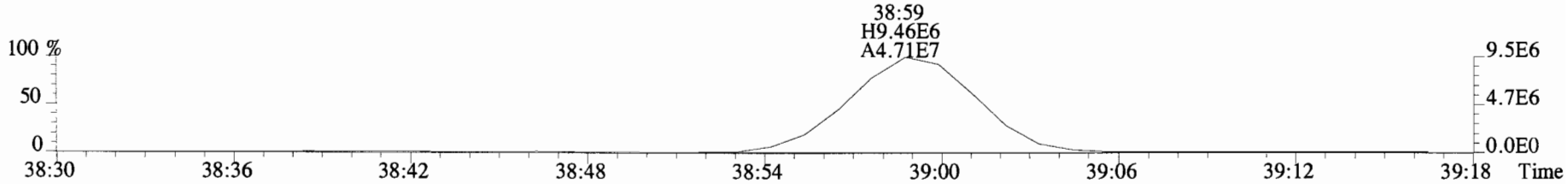
File:180302E1 #1-756 Acq: 2-MAR-2018 13:15:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BLK1 Method Blank 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2156.0,0.00%,F,F)



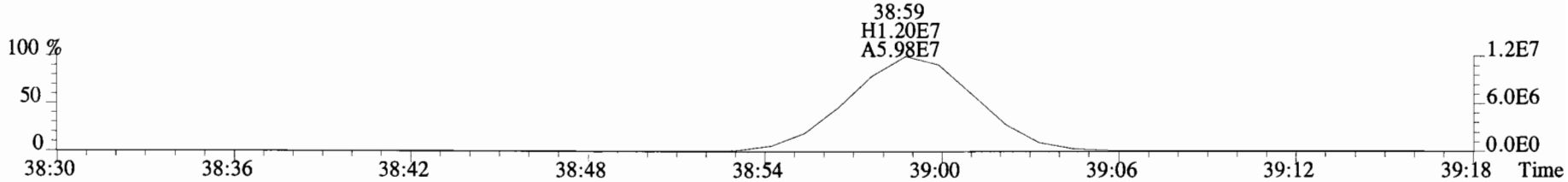
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2188.0,0.00%,F,F)



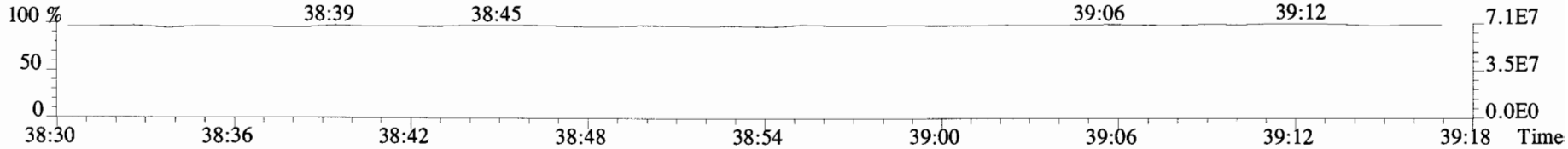
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,46276.0,0.00%,F,F)



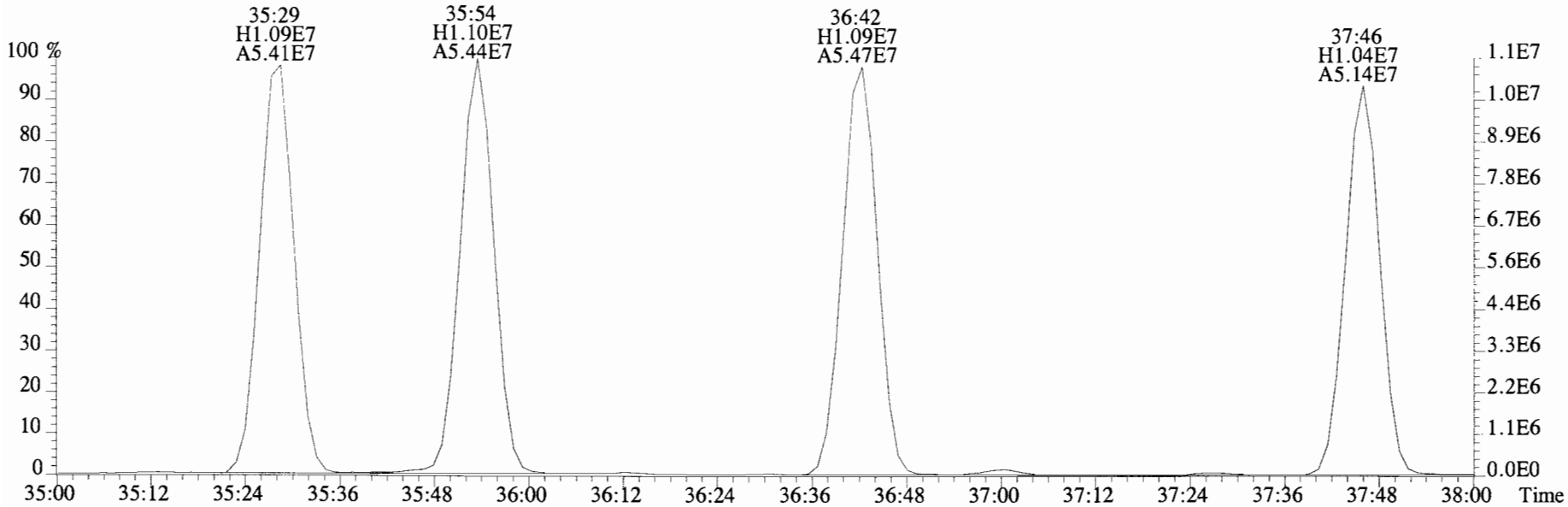
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22576.0,0.00%,F,F)



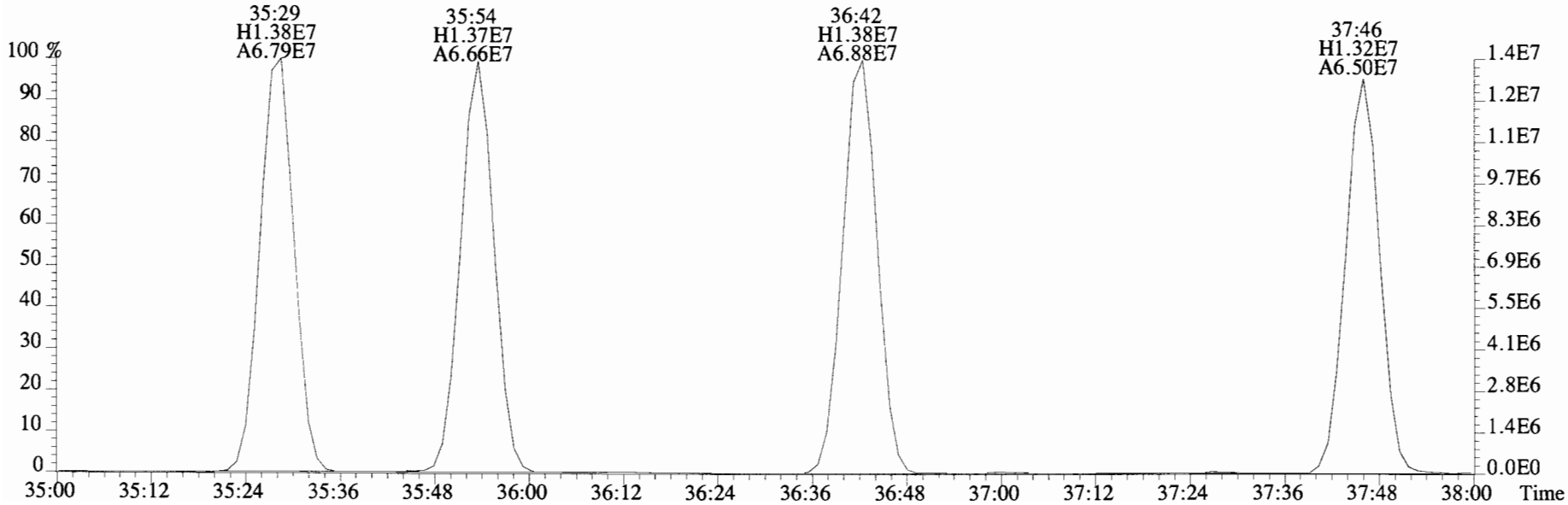
330.9792 S:4 F:3



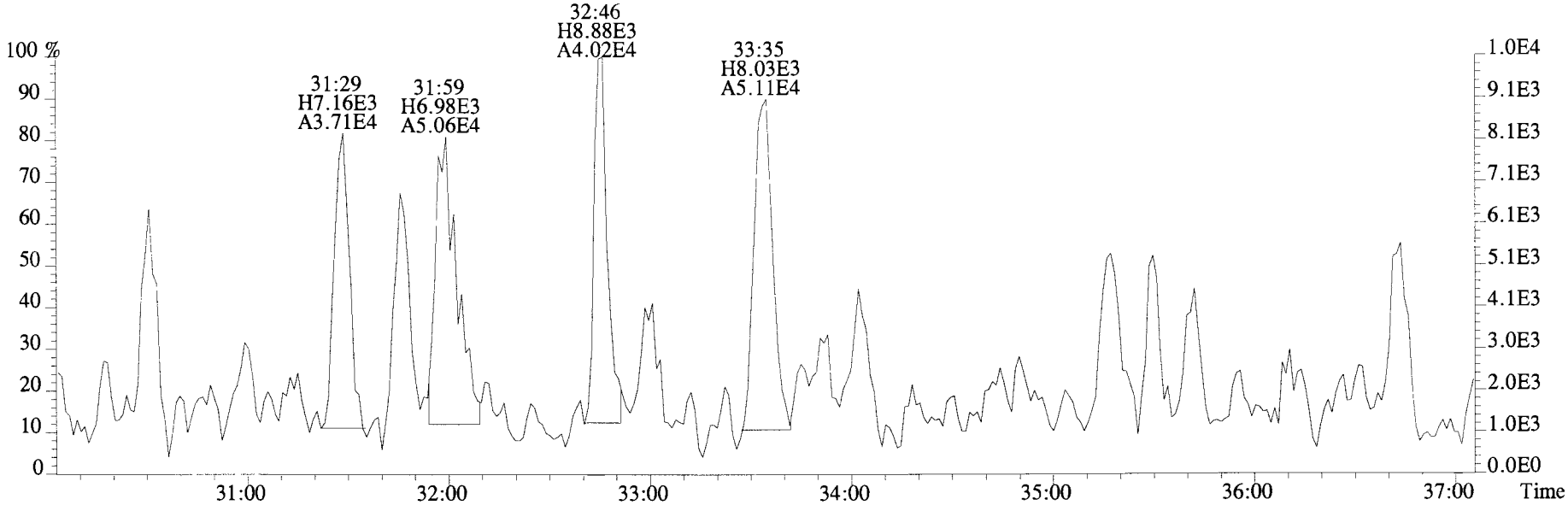
File:180302E1 #1-756 Acq: 2-MAR-2018 13:15:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BLK1 Method Blank 1 Exp:PCB_ZB1
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,46276.0,0.00%,F,F)



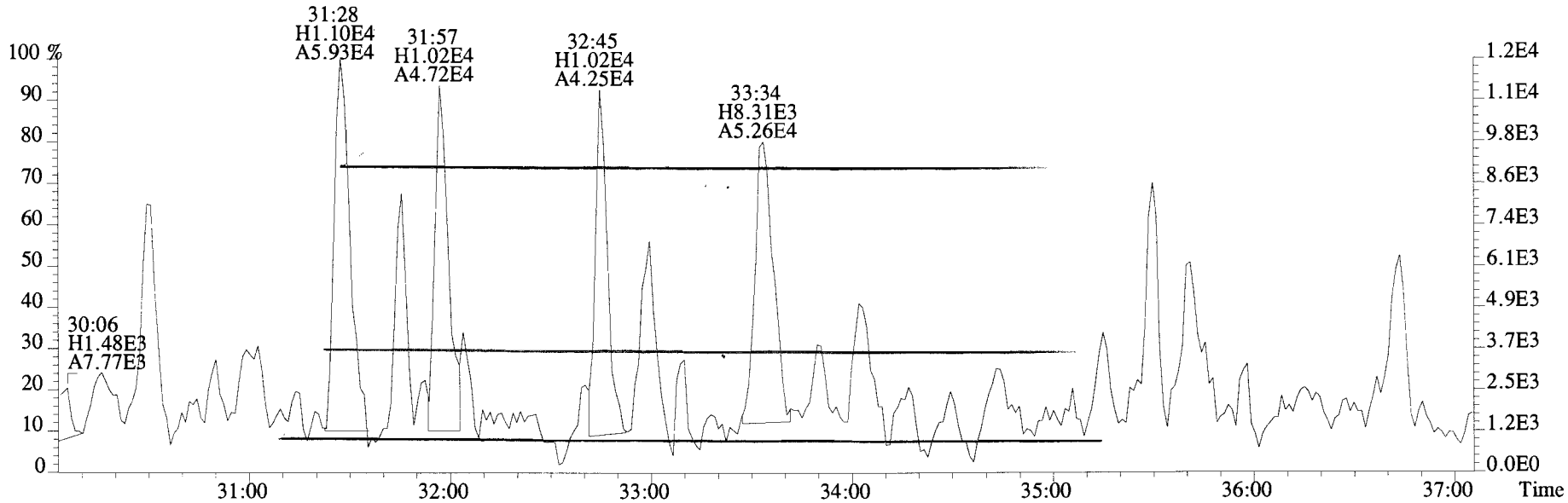
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22576.0,0.00%,F,F)



File:180302E1 #1-756 Acq: 2-MAR-2018 13:15:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BLK1 Method Blank 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2156.0,0.00%,F,F)

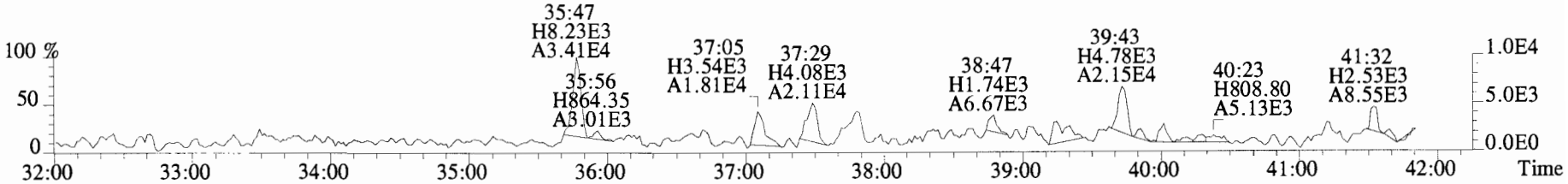


291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2188.0,0.00%,F,F)

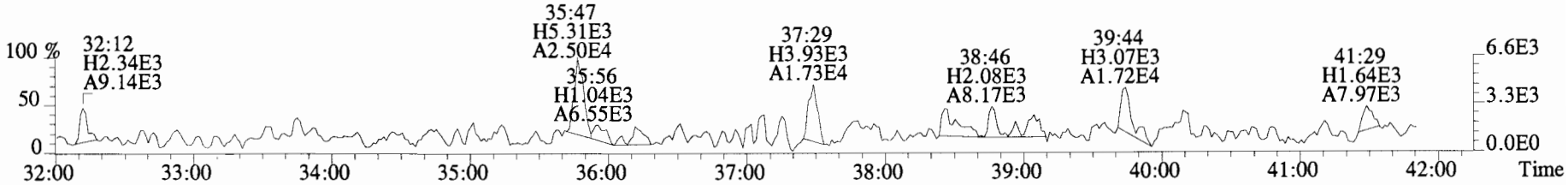


File:180302E1 #1-756 Acq: 2-MAR-2018 13:15:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BLK1 Method Blank 1 Exp:PCB_ZB1

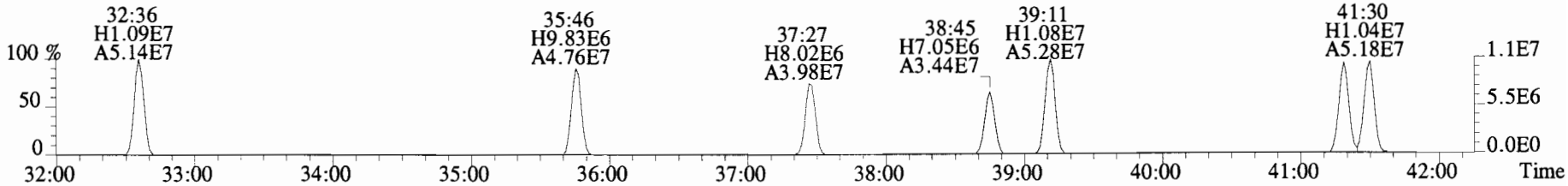
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1748.0,0.00%,F,F)



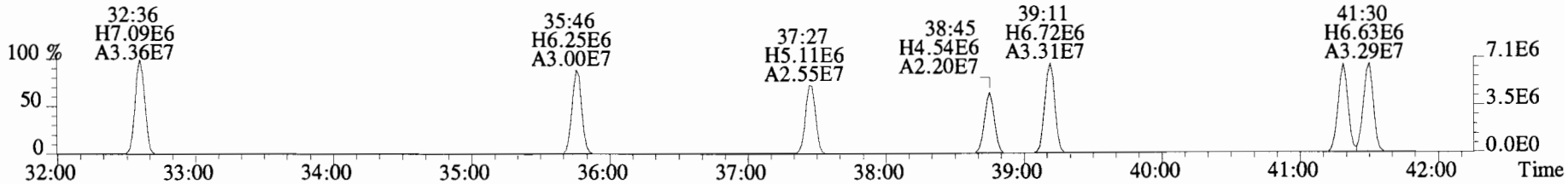
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1588.0,0.00%,F,F)



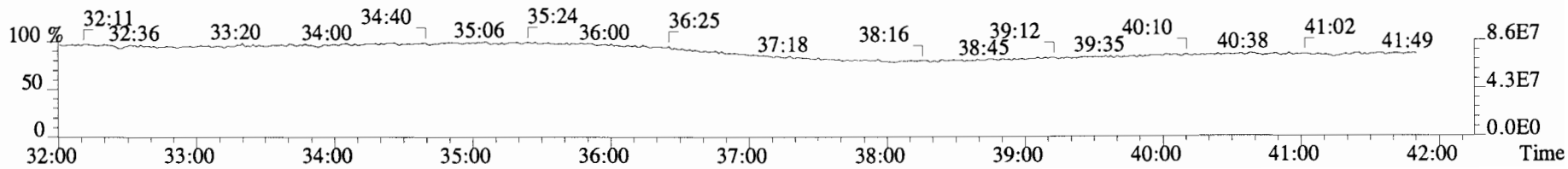
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5360.0,0.00%,F,F)



339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2848.0,0.00%,F,F)

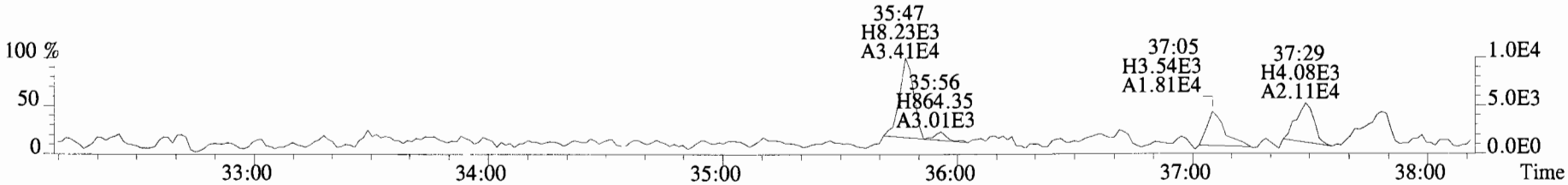


330.9792 S:4 F:3

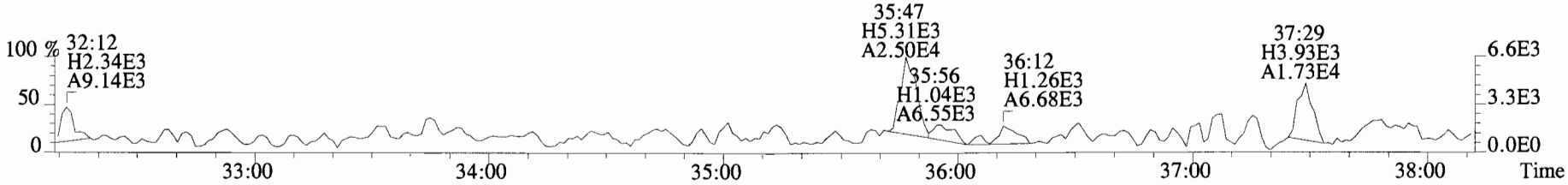


File:180302E1 #1-756 Acq: 2-MAR-2018 13:15:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BLK1 Method Blank 1 Exp:PCB_ZB1

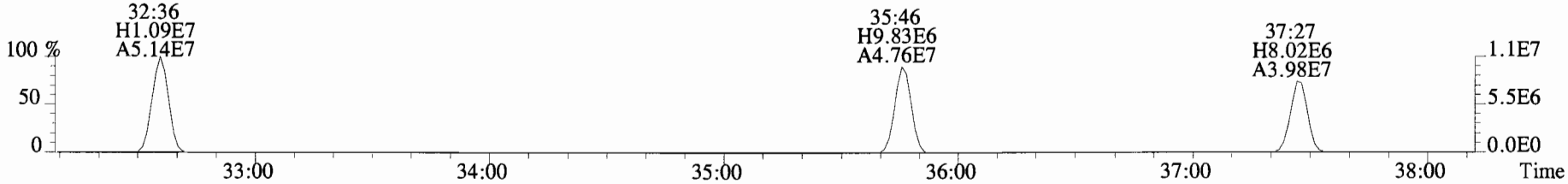
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1748.0,0.00%,F,F)



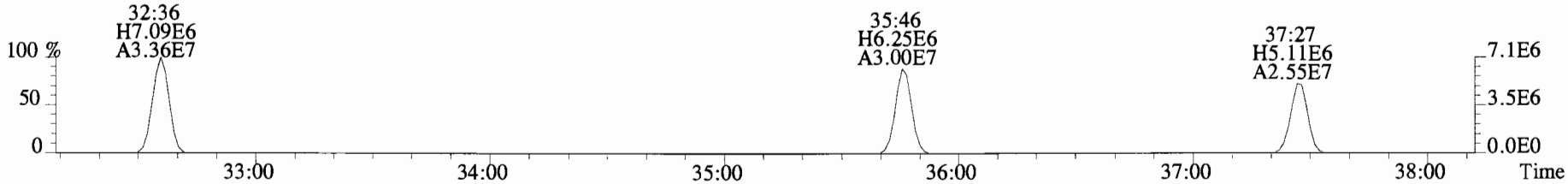
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1588.0,0.00%,F,F)



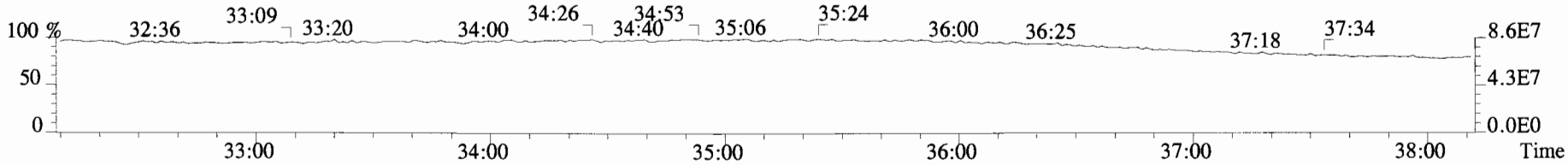
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5360.0,0.00%,F,F)



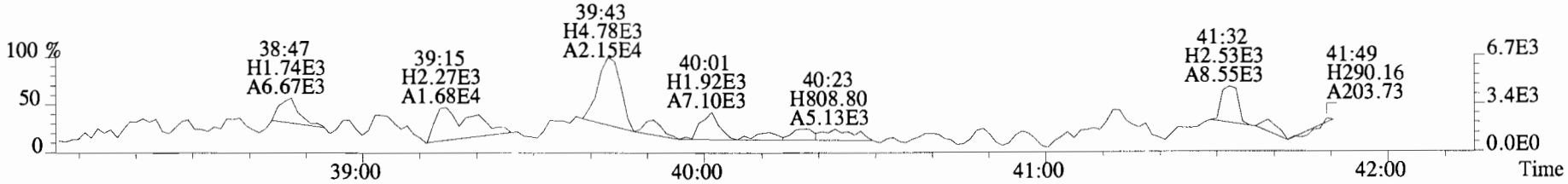
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2848.0,0.00%,F,F)



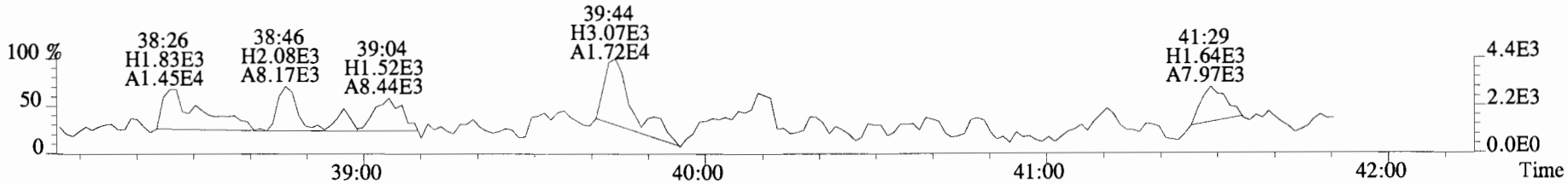
330.9792 S:4 F:3



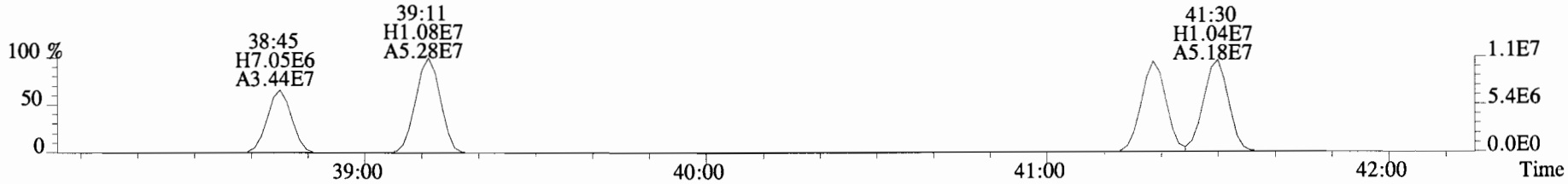
File:180302E1 #1-756 Acq: 2-MAR-2018 13:15:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BLK1 Method Blank 1 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1748.0,0.00%,F,F)



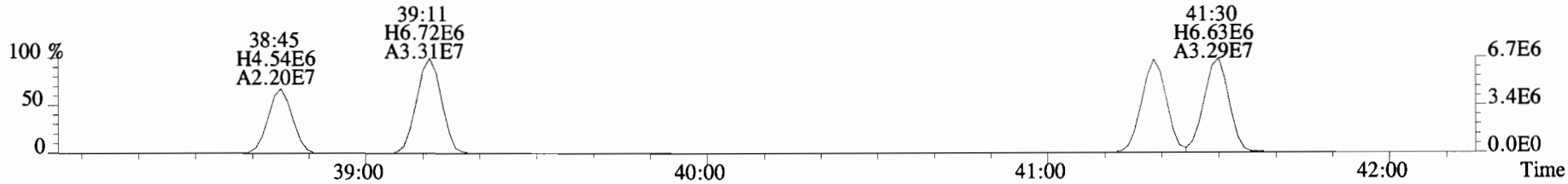
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1588.0,0.00%,F,F)



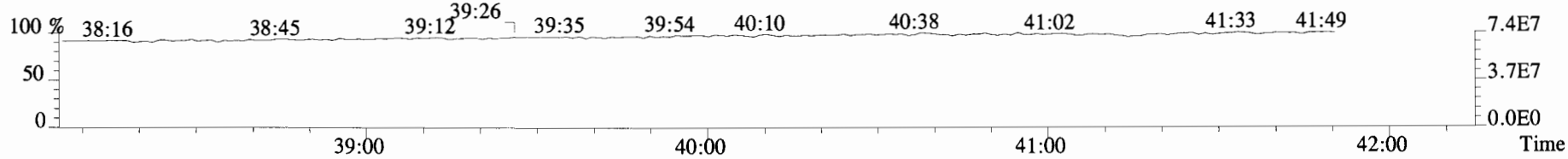
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5360.0,0.00%,F,F)



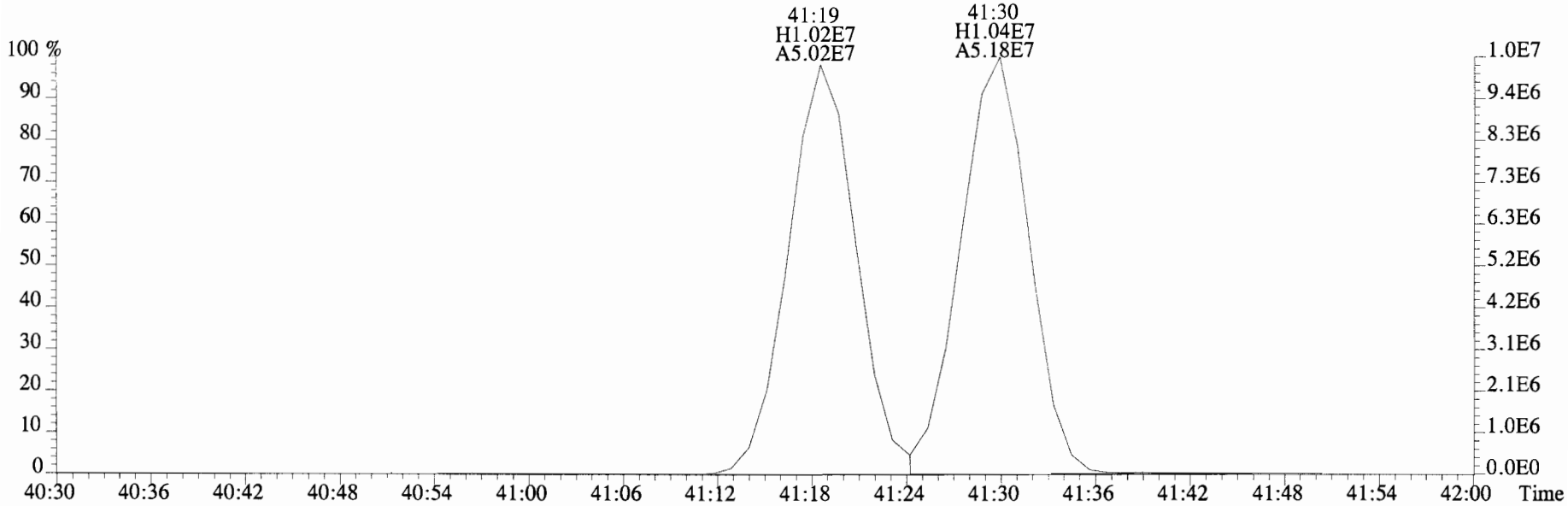
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2848.0,0.00%,F,F)



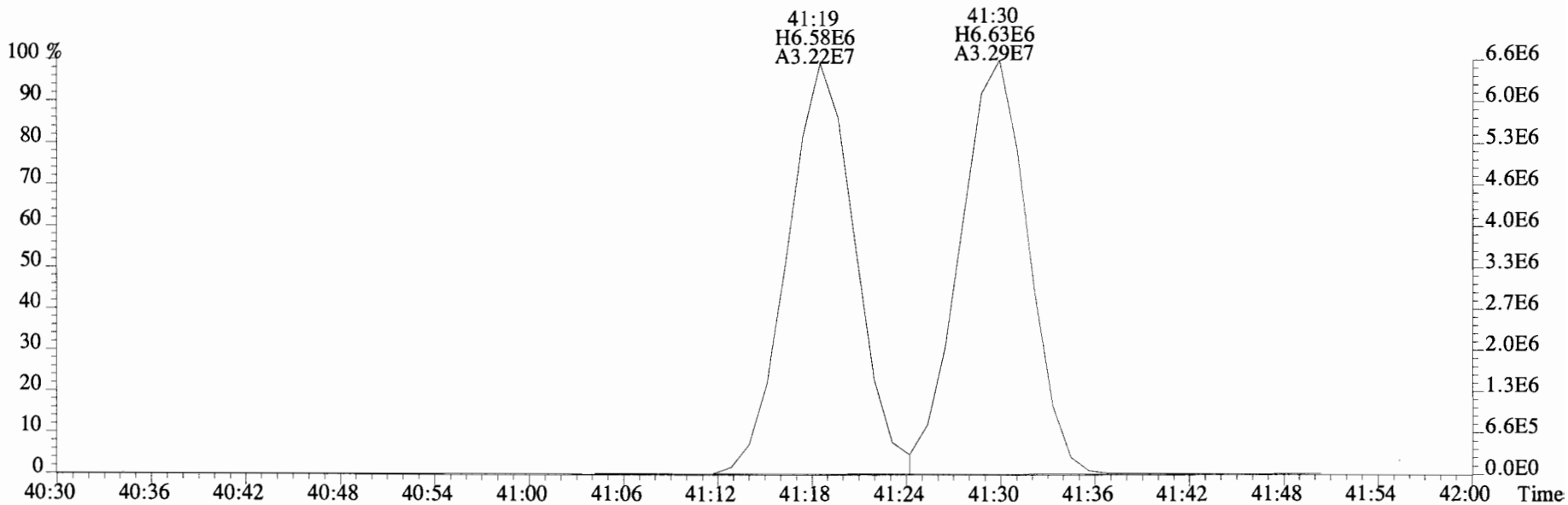
330.9792 S:4 F:3



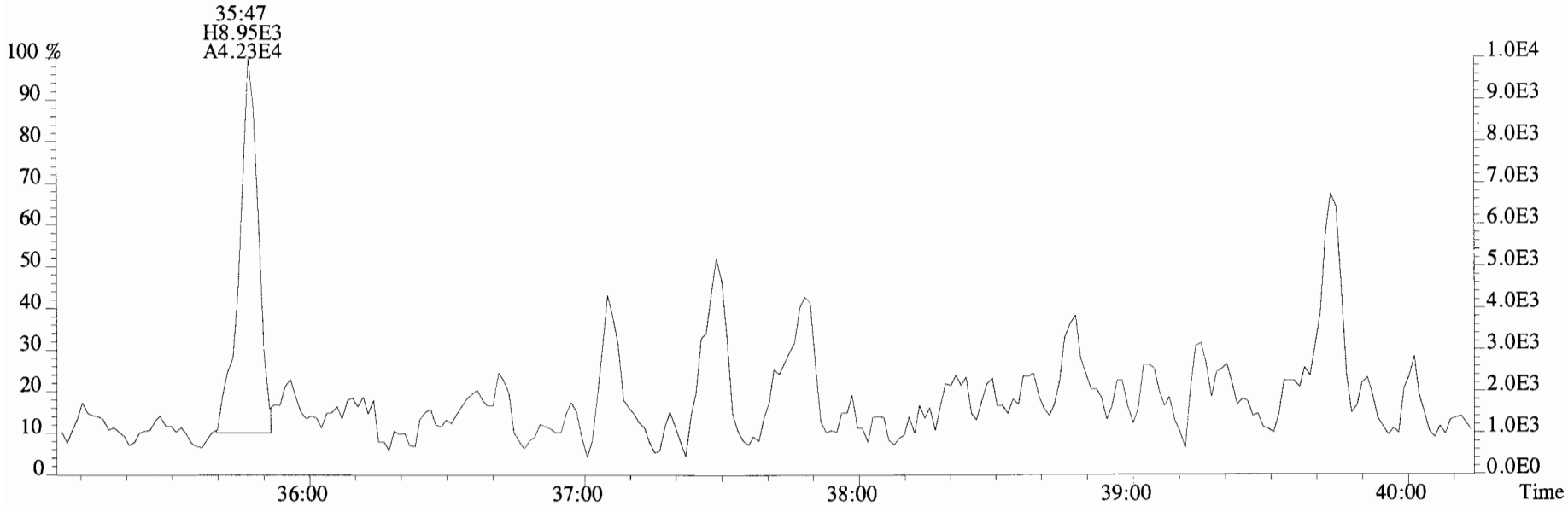
File:180302E1 #1-756 Acq: 2-MAR-2018 13:15:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BLK1 Method Blank 1 Exp:PCB_ZB1
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5360.0,0.00%,F,F)



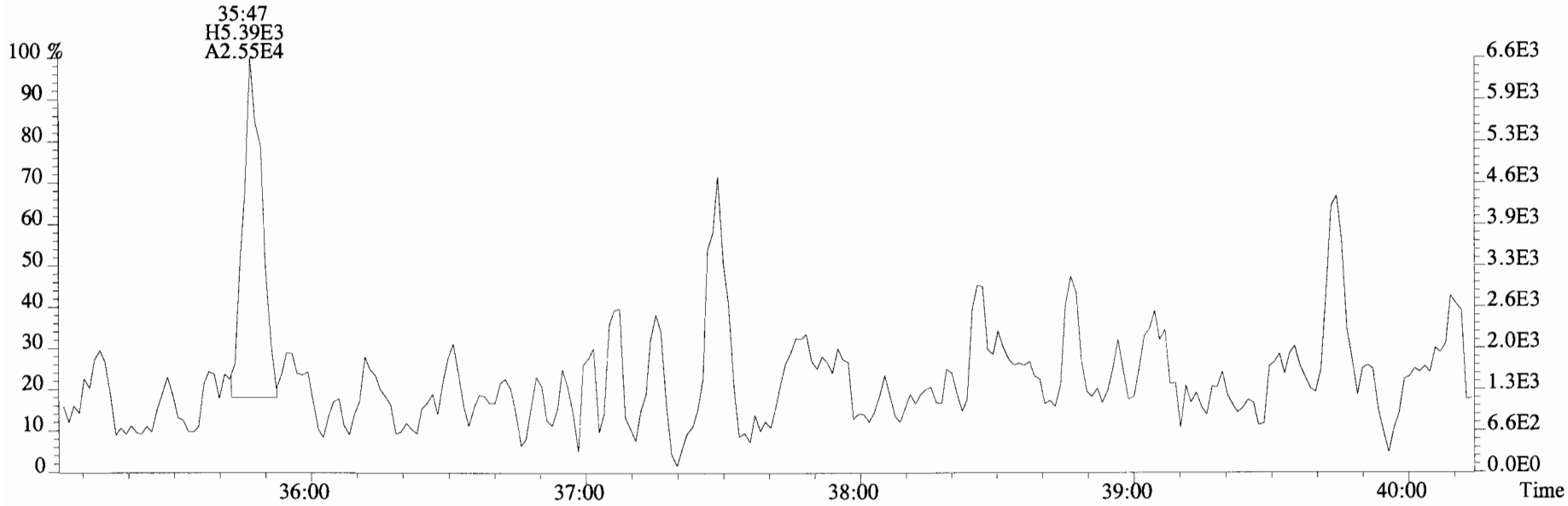
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2848.0,0.00%,F,F)



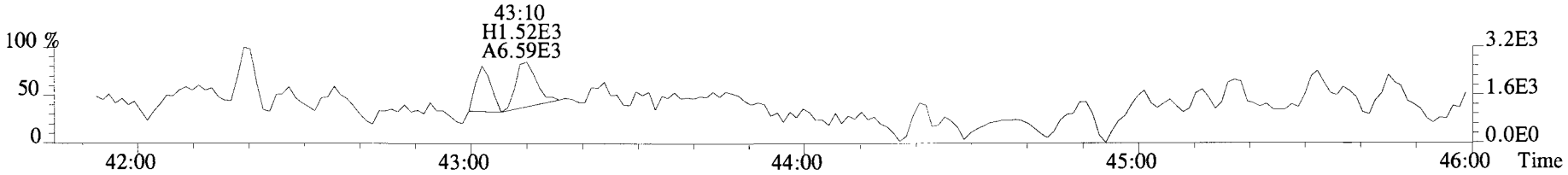
File:180302E1 #1-756 Acq: 2-MAR-2018 13:15:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BLK1 Method Blank 1 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1748.0,0.00%,F,F)



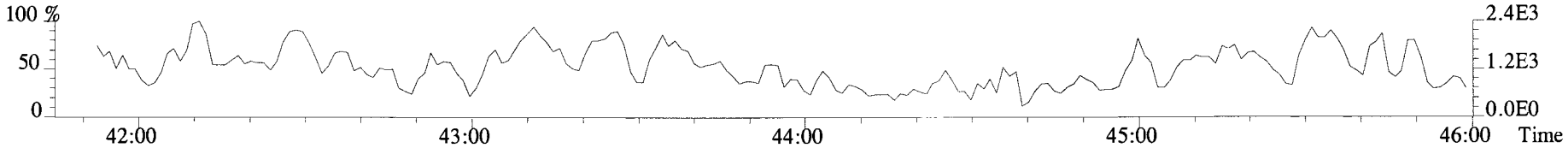
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1588.0,0.00%,F,F)



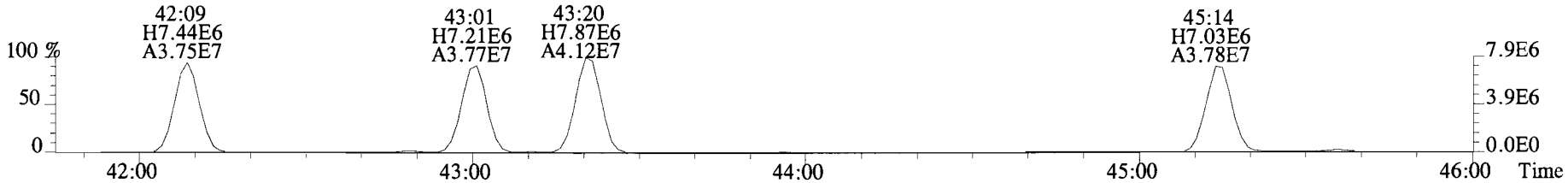
File:180302E1 #1-574 Acq: 2-MAR-2018 13:15:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BLK1 Method Blank 1 Exp:PCB_ZB1
325.8804 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1696.0,0.00%,F,F)



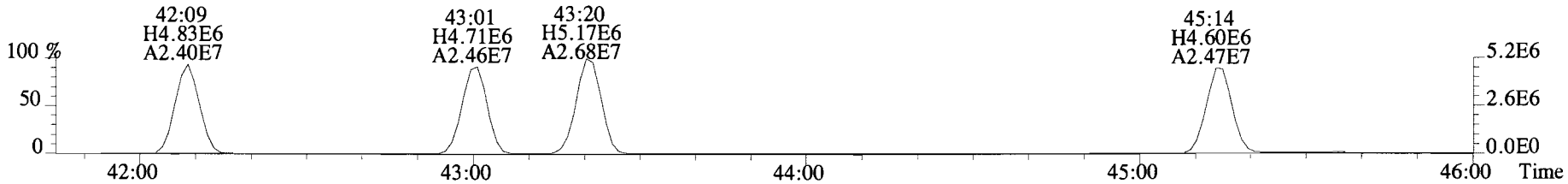
327.8775 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1596.0,0.00%,F,F)



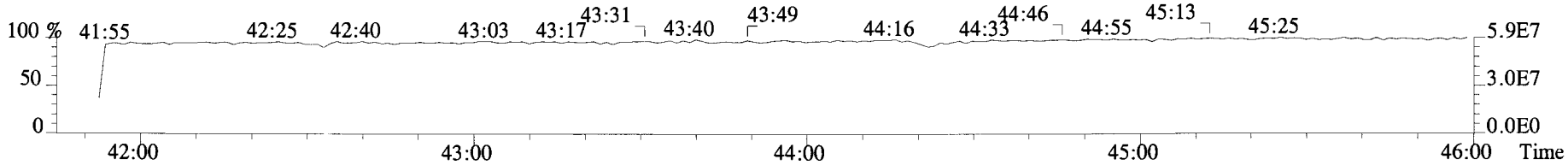
337.9207 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8580.0,0.00%,F,F)



339.9177 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4604.0,0.00%,F,F)



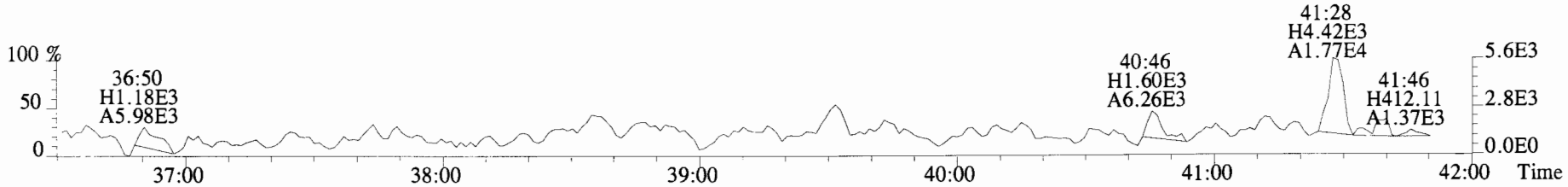
380.9760 S:4 F:4



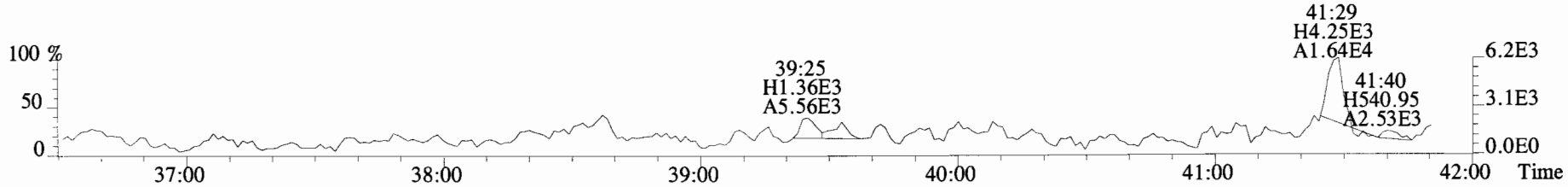
File:180302E1 #1-756 Acq: 2-MAR-2018 13:15:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BLK1 Method Blank 1 Exp:PCB_ZB1

10

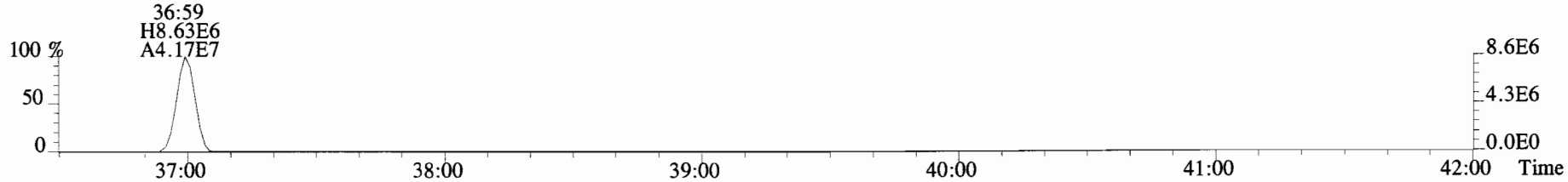
359.8415 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1584.0,0.00%,F,F)



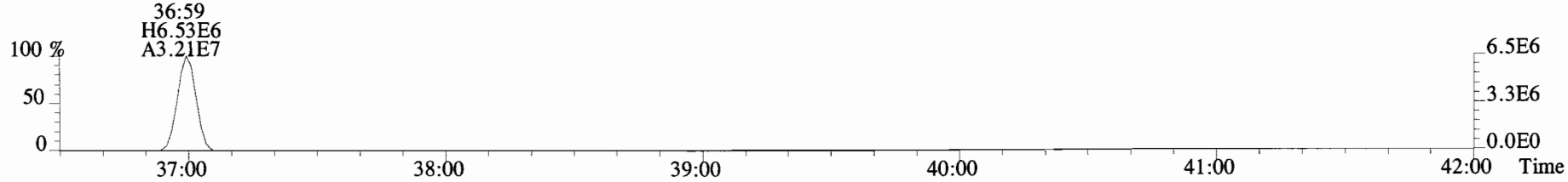
361.8385 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1464.0,0.00%,F,F)



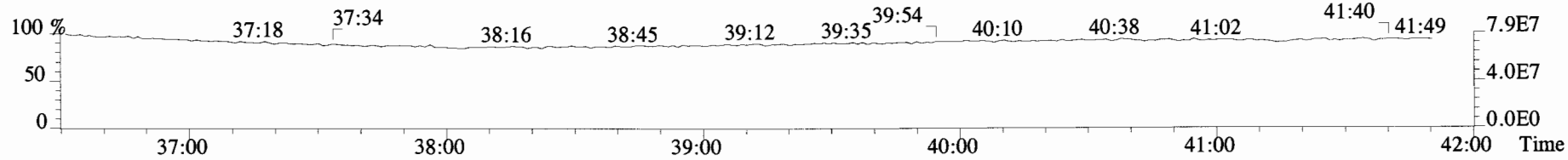
371.8817 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1780.0,0.00%,F,F)



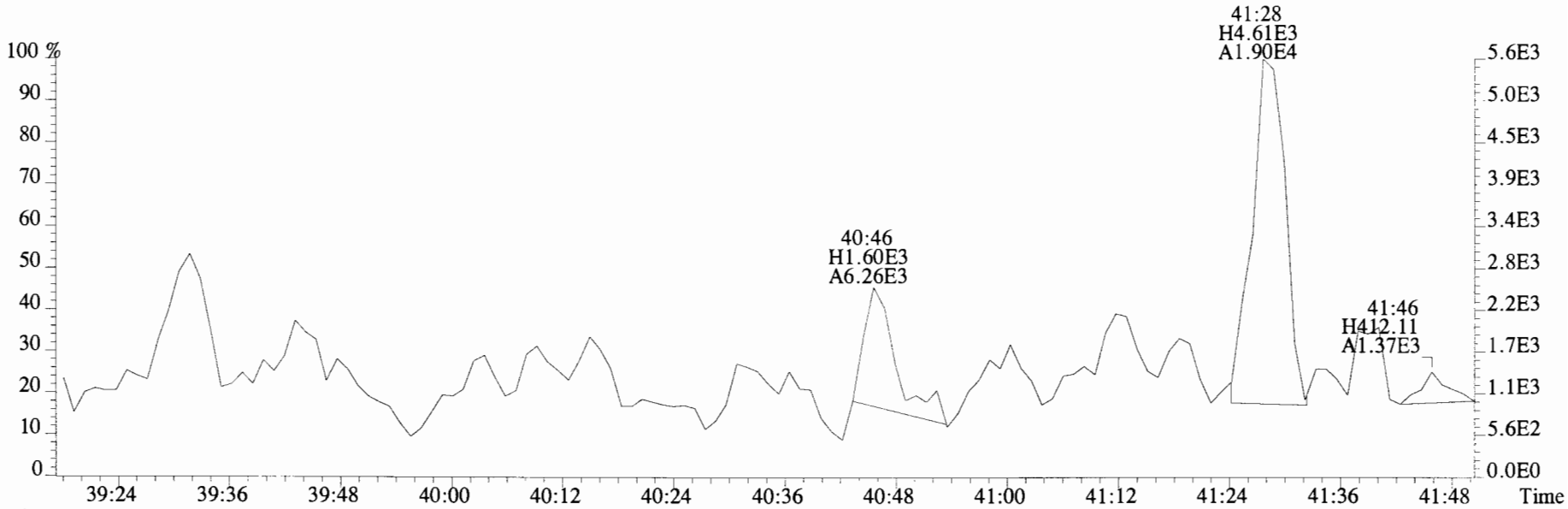
373.8788 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1984.0,0.00%,F,F)



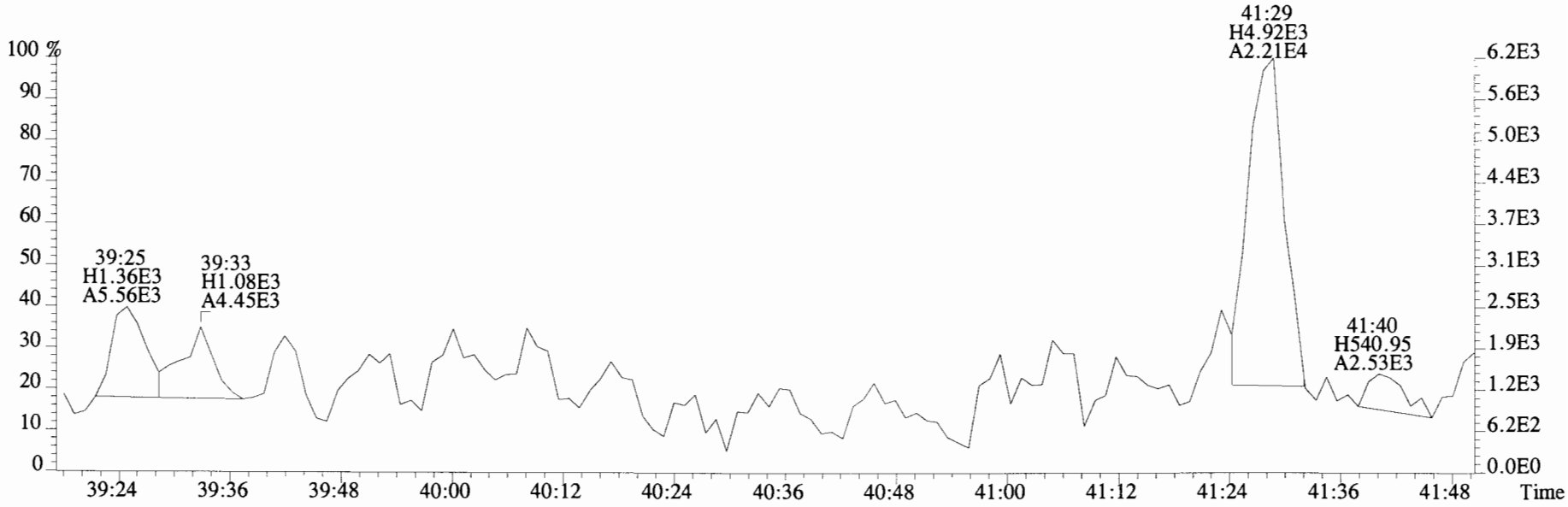
330.9792 S:4 F:3



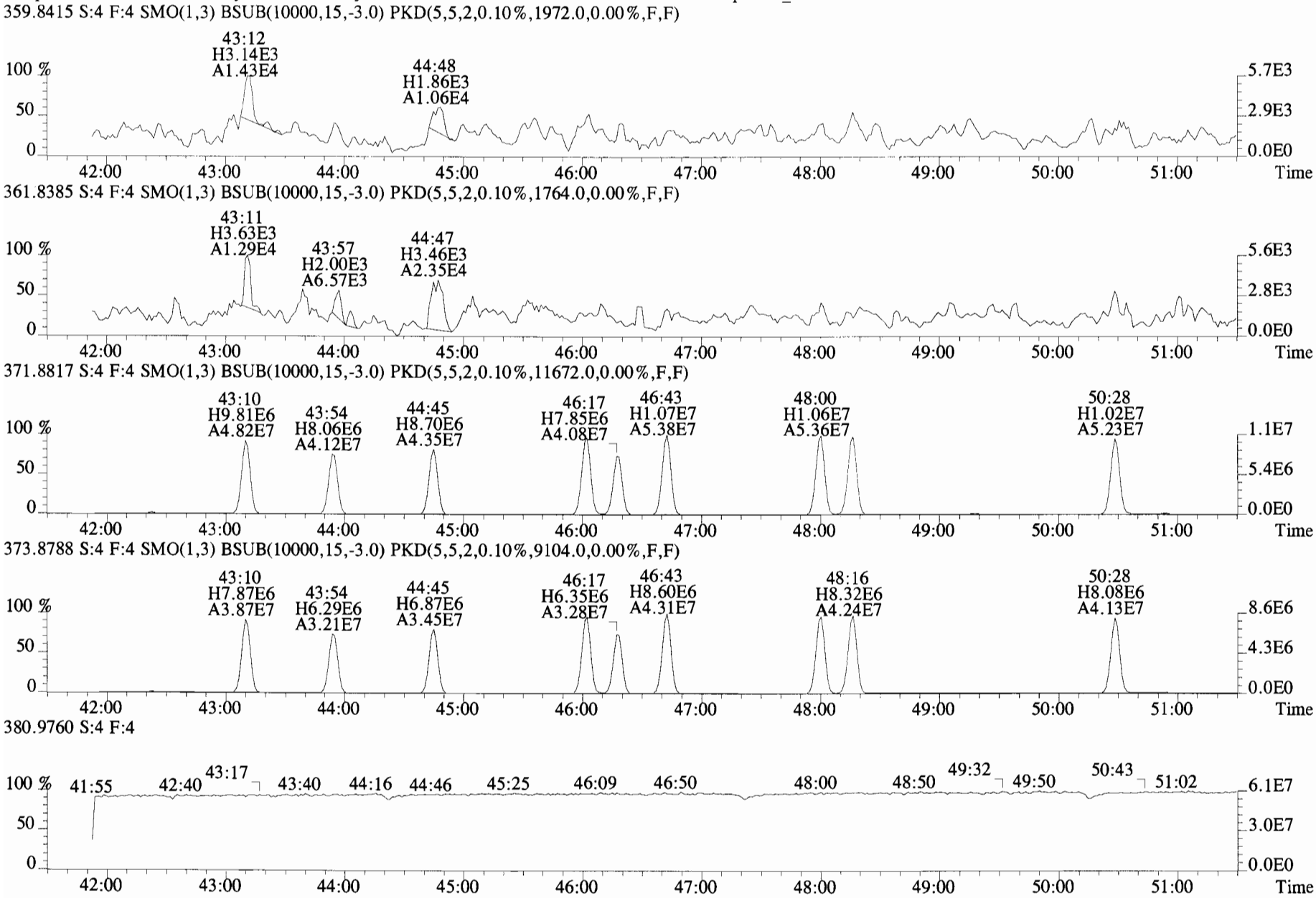
File:180302E1 #1-756 Acq: 2-MAR-2018 13:15:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BLK1 Method Blank 1 Exp:PCB_ZB1
359.8415 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1584.0,0.00%,F,F)



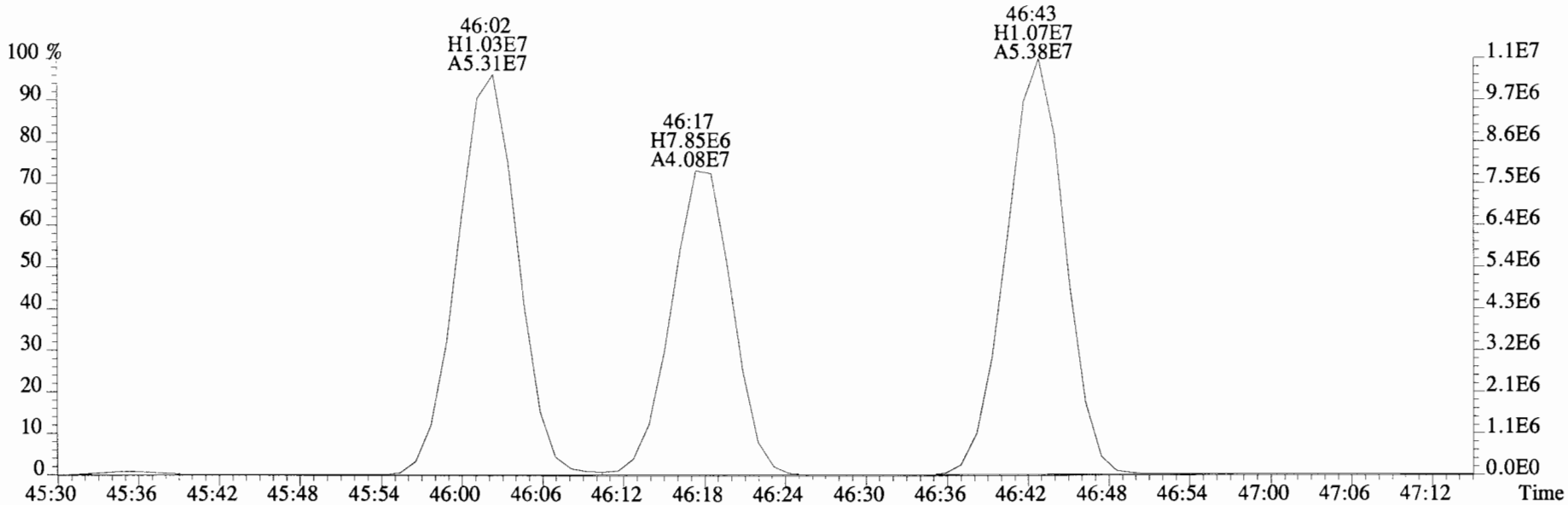
361.8385 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1464.0,0.00%,F,F)



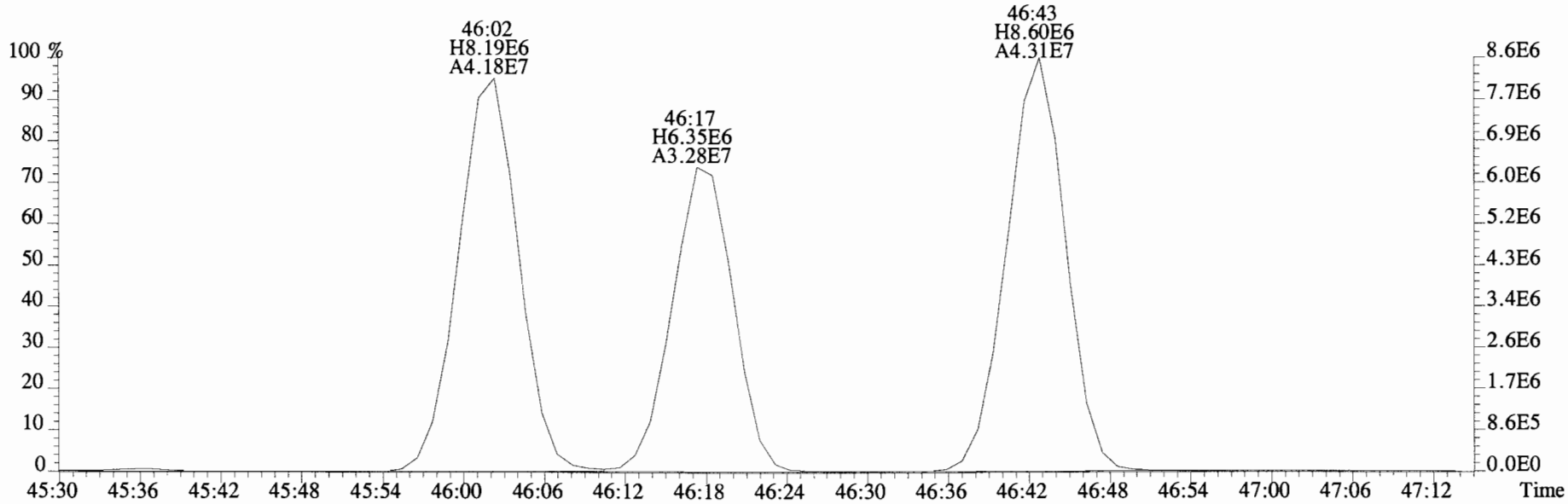
File:180302E1 #1-574 Acq: 2-MAR-2018 13:15:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BLK1 Method Blank 1 Exp:PCB_ZB1



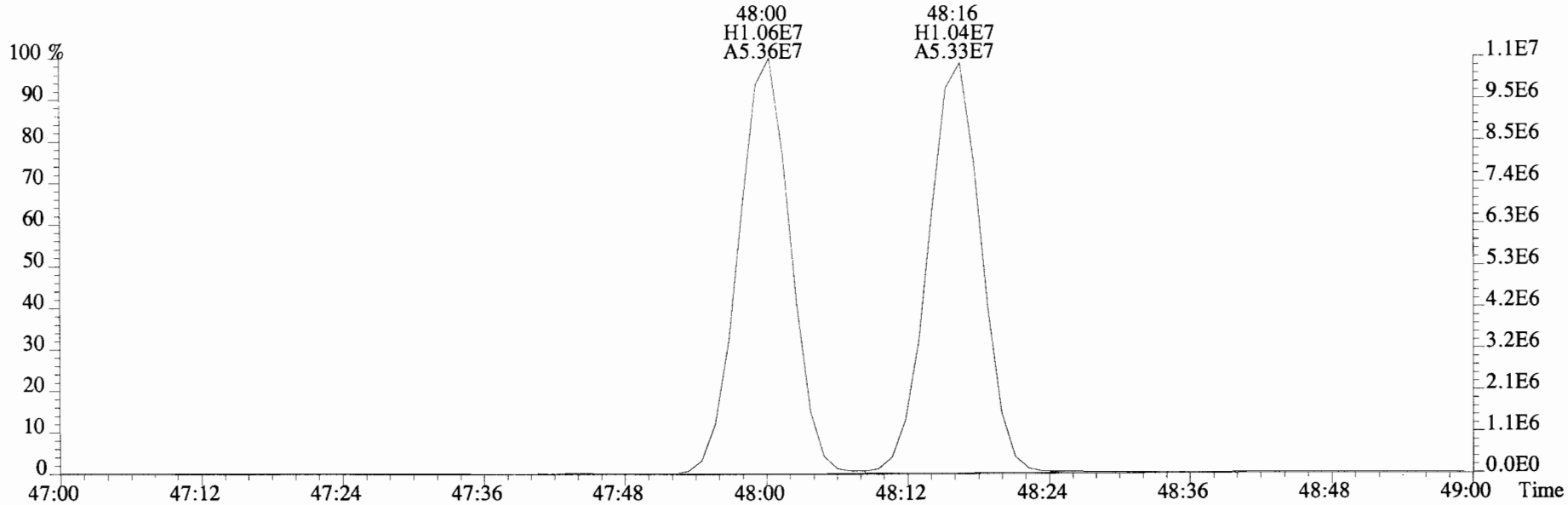
File:180302E1 #1-574 Acq: 2-MAR-2018 13:15:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BLK1 Method Blank 1 Exp:PCB_ZB1
371.8817 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11672.0,0.00%,F,F)



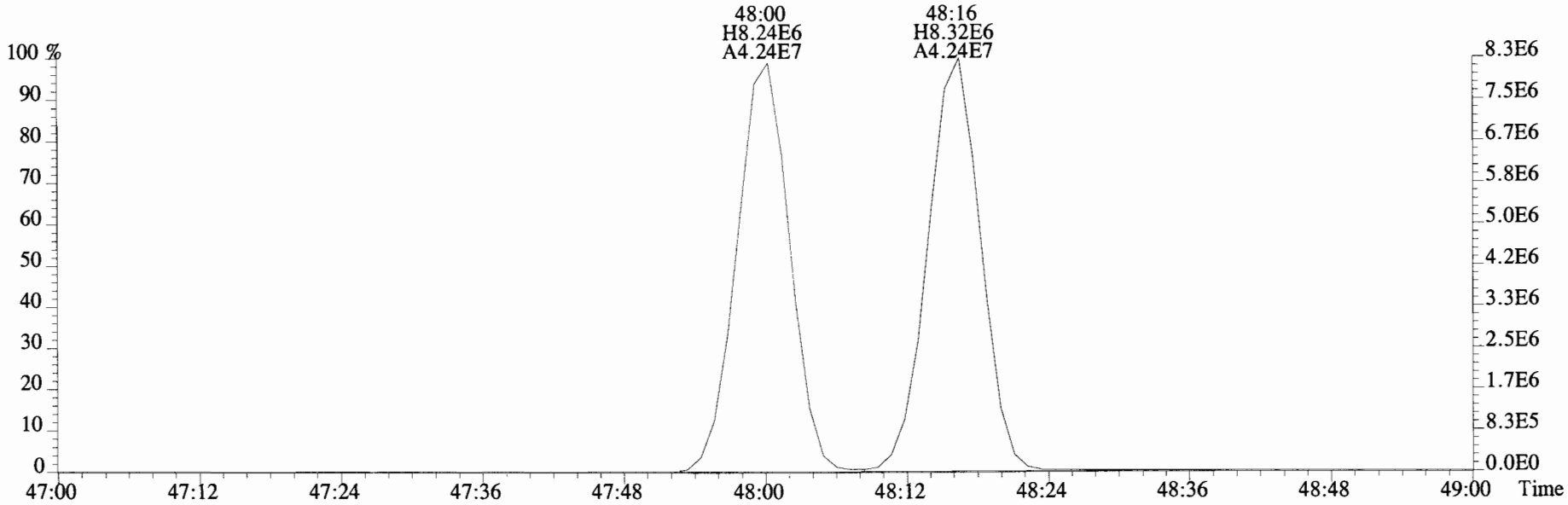
373.8788 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9104.0,0.00%,F,F)



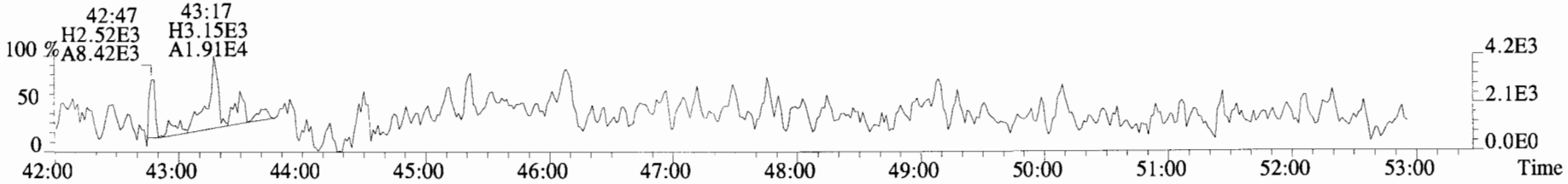
File:180302E1 #1-574 Acq: 2-MAR-2018 13:15:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BLK1 Method Blank 1 Exp:PCB_ZB1
371.8817 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11672.0,0.00%,F,F)



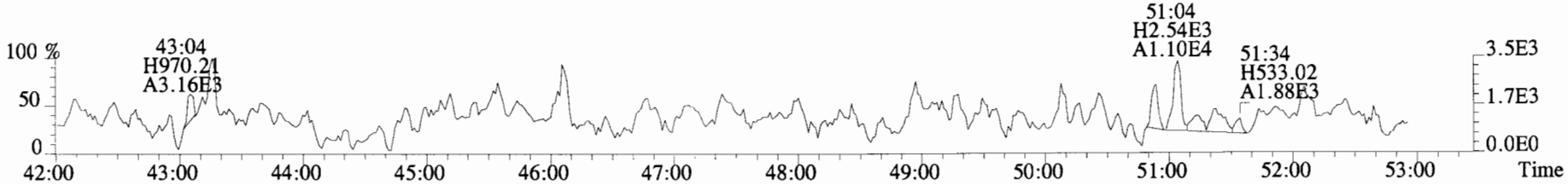
373.8788 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9104.0,0.00%,F,F)



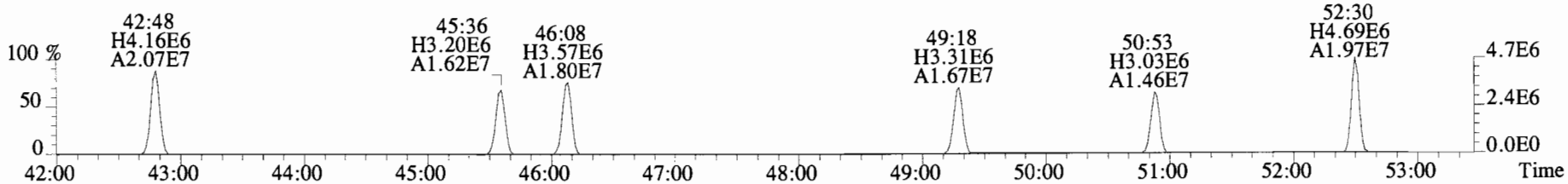
File:180302E1 #1-574 Acq: 2-MAR-2018 13:15:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BLK1 Method Blank 1 Exp:PCB_ZB1
393.8025 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2064.0,0.00%,F,F)



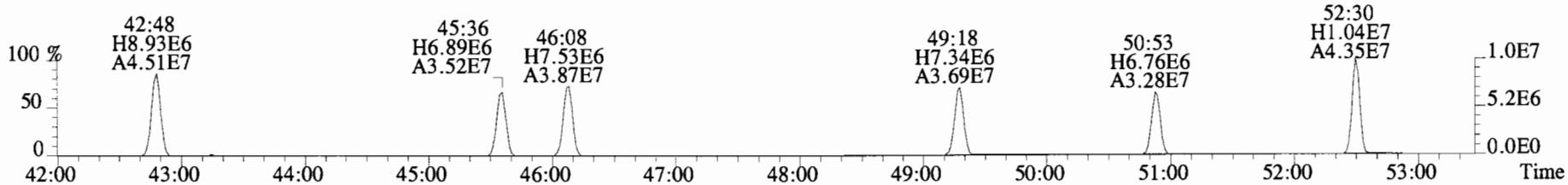
395.7995 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1716.0,0.00%,F,F)



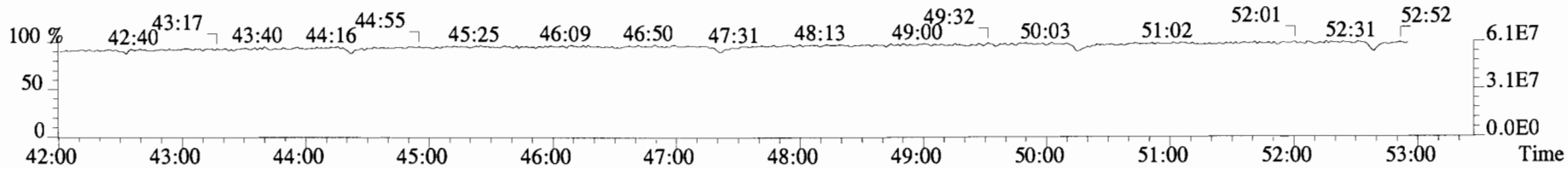
403.8457 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4588.0,0.00%,F,F)



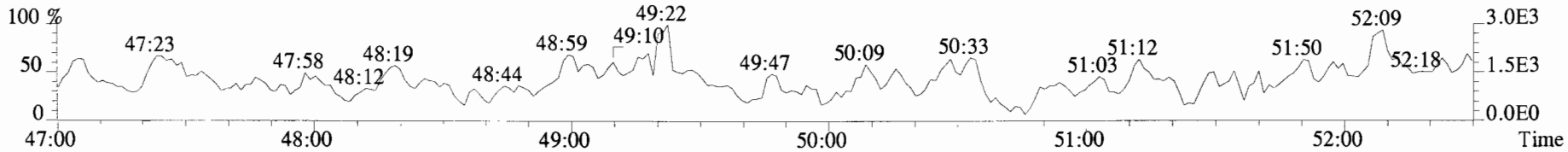
405.8428 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8716.0,0.00%,F,F)



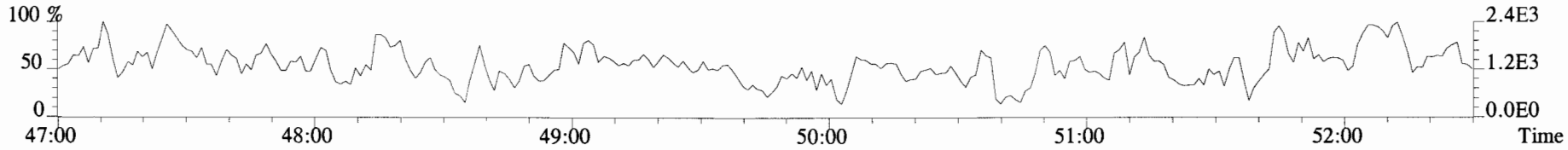
380.9760 S:4 F:4



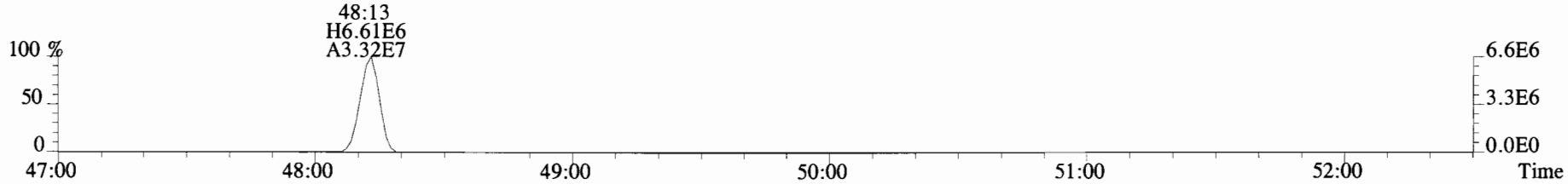
File:180302E1 #1-574 Acq: 2-MAR-2018 13:15:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BLK1 Method Blank 1 Exp:PCB_ZB1
427.7635 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1588.0,0.00%,F,F)



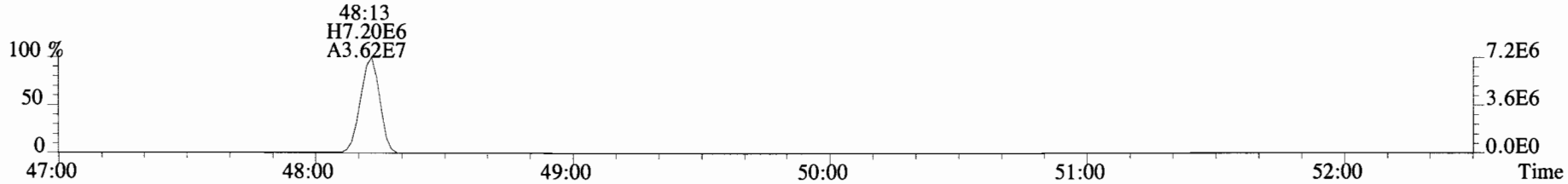
429.7606 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1688.0,0.00%,F,F)



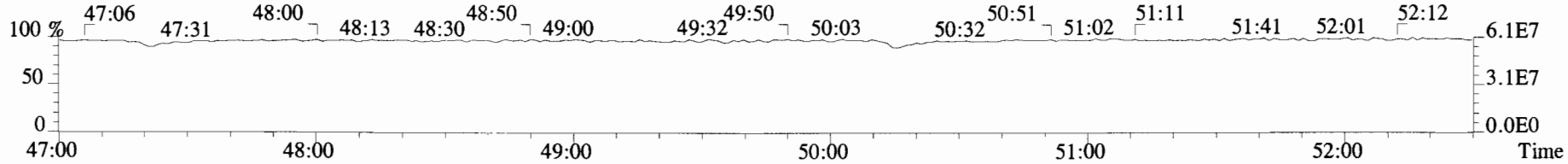
439.8038 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2396.0,0.00%,F,F)



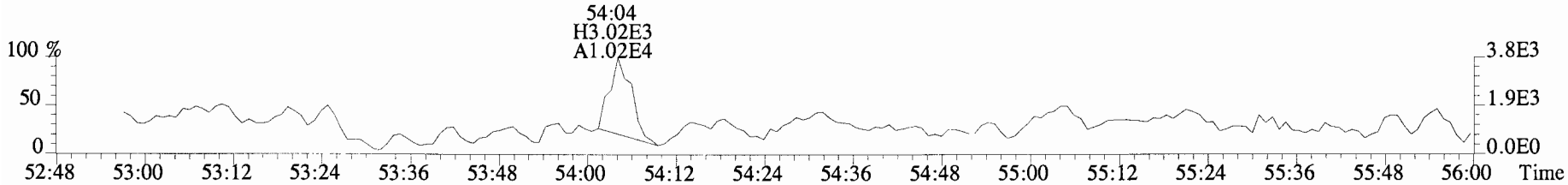
441.8008 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2096.0,0.00%,F,F)



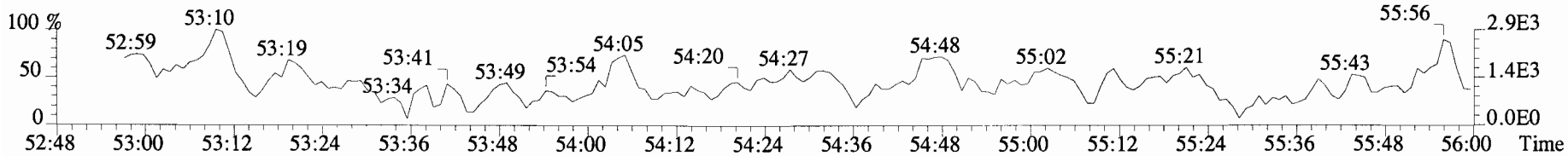
380.9760 S:4 F:4



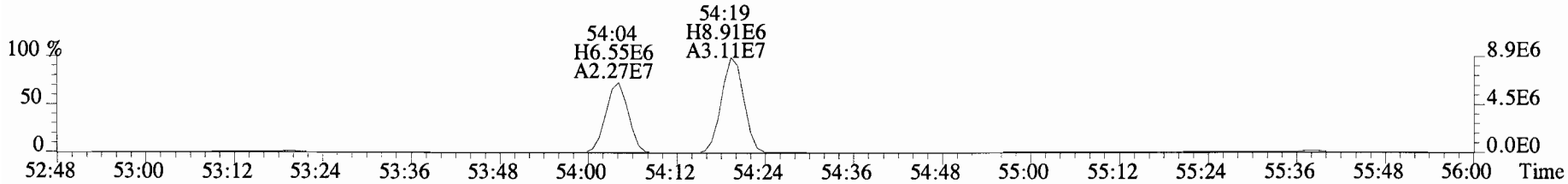
File:180302E1 #1-407 Acq: 2-MAR-2018 13:15:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BLK1 Method Blank 1 Exp:PCB_ZB1
427.7635 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1500.0,0.00%,F,F)



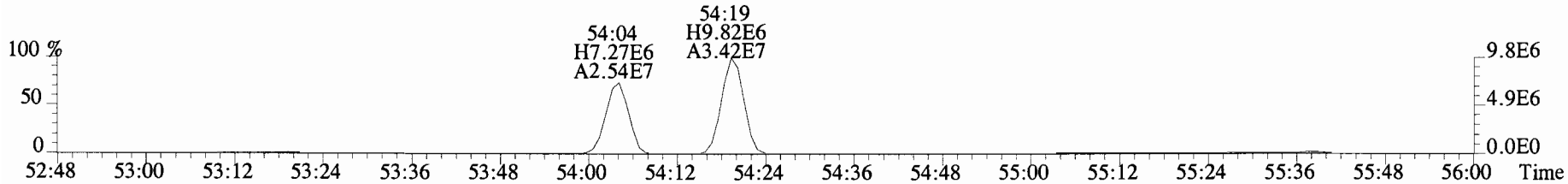
429.7606 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1608.0,0.00%,F,F)



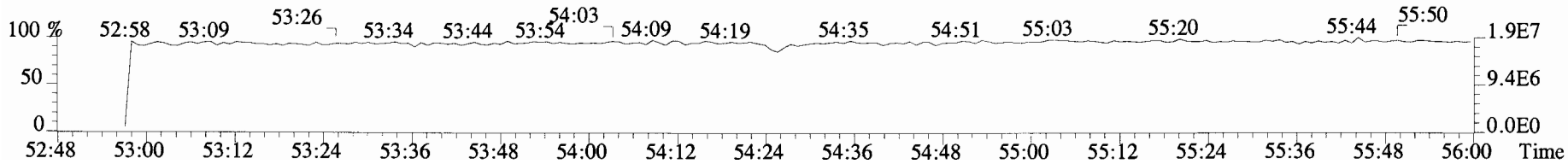
439.8038 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4448.0,0.00%,F,F)



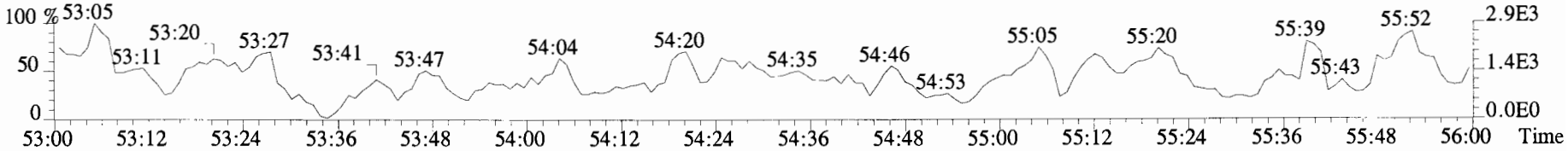
441.8008 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5456.0,0.00%,F,F)



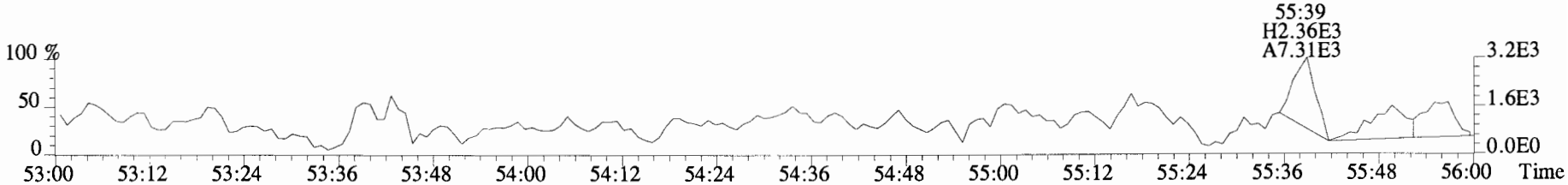
492.9697 S:4 F:5



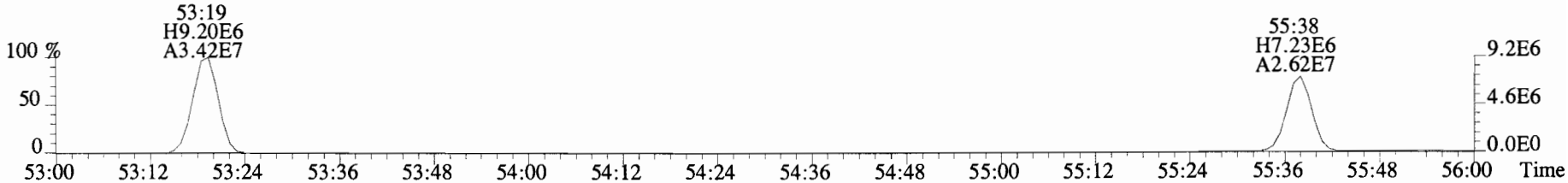
File:180302E1 #1-407 Acq: 2-MAR-2018 13:15:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BLK1 Method Blank 1 Exp:PCB_ZB1
463.7216 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1620.0,0.00%,F,F)



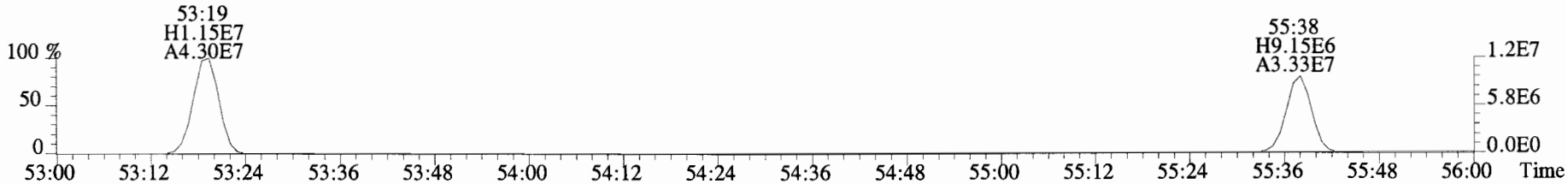
465.7186 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1420.0,0.00%,F,F)



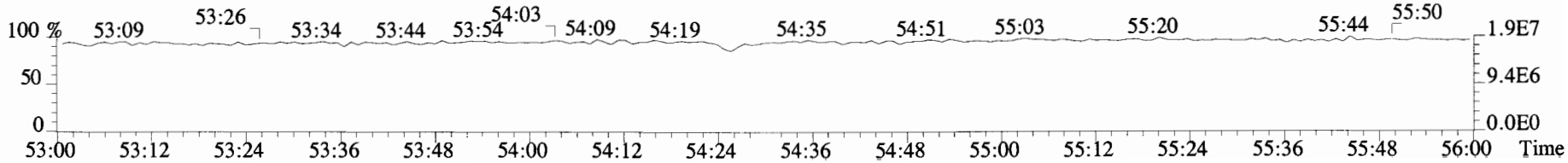
473.7648 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15876.0,0.00%,F,F)



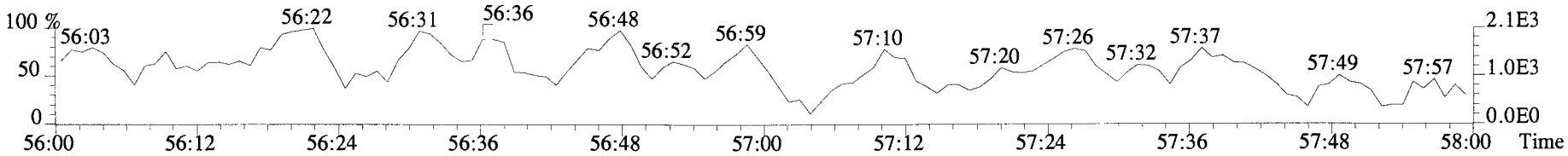
475.7619 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19592.0,0.00%,F,F)



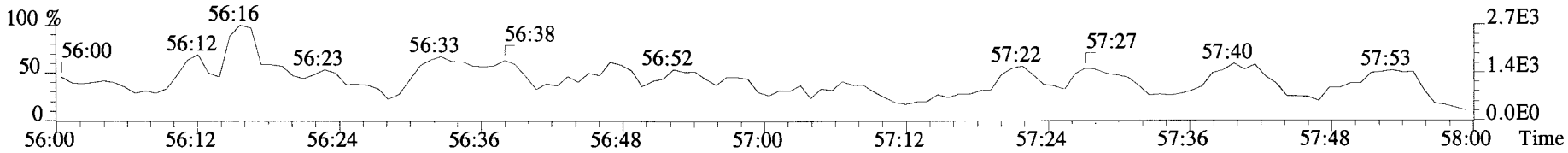
492.9697 S:4 F:5



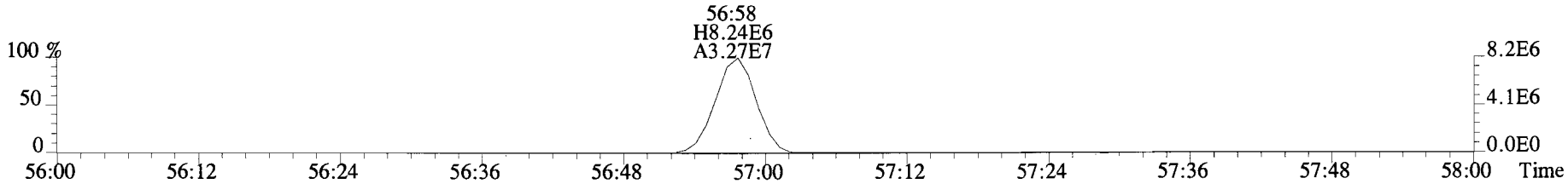
File:180302E1 #1-407 Acq: 2-MAR-2018 13:15:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BLK1 Method Blank 1 Exp:PCB_ZB1
497.6826 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1648.0,0.00%,F,F)



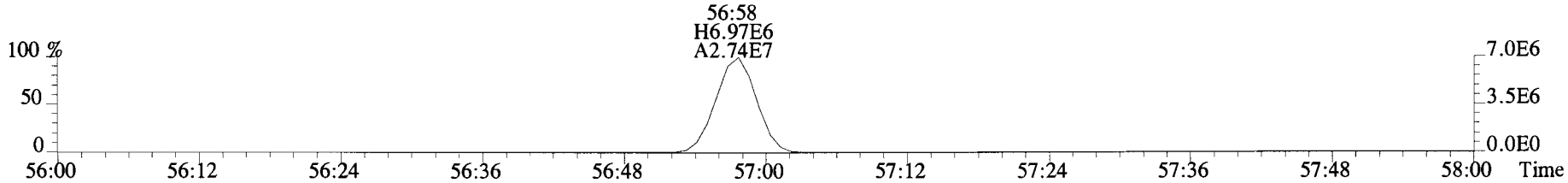
499.6797 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1440.0,0.00%,F,F)



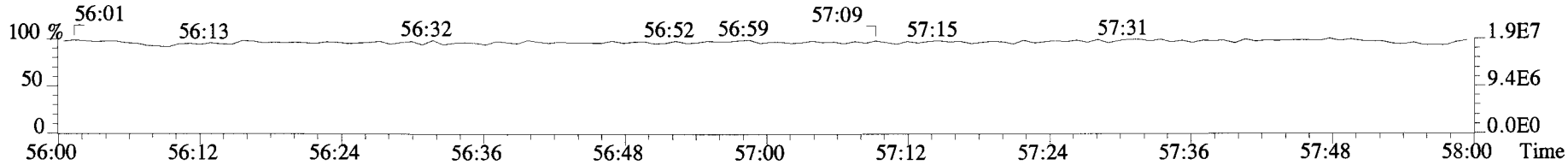
509.7229 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1544.0,0.00%,F,F)



511.7199 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1716.0,0.00%,F,F)



492.9697 S:4 F:5



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

Lab Name: Vista Analytical Laboratory OPR Data Filename: B8B0161-BS1

Matrix : AQUEOUS Ext. Date: 2-27-18 Analysis Date: 2-MAR-18 Time: 11:05:06

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT.

NATIVE ANALYTES	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	OPR CONC. LIMITS (ng/mL)	LABELED COMPOUNDS	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	OPR CONC. LIMITS (ng/mL)	CLEAN UP STANDARD	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	OPR CONC. LIMITS (ng/mL)
PCB-1	50	52.1	30.0-67.5	13C-PCB-1	100	30.4	15-145	13C-PCB-79	100	103.2	40-145
PCB-3	50	52.3	30.0-67.5	13C-PCB-3	100	55.0	15-145	13C-PCB-178	100	101.0	40-145
PCB-4/10	100	87.5	60.0-135	13C-PCB-4	100	65.6	15-145				
PCB-15	50	47.2	30.0-67.5	13C-PCB-11	100	88.1	15-145				
PCB-19	50	46.5	30.0-67.5	13C-PCB-19	100	89.2	15-145				
PCB-37	50	49.4	30.0-67.5	13C-PCB-37	100	93.7	15-145				
PCB-54	50	48.2	30.0-67.5	13C-PCB-54	100	97.6	15-145				
PCB-81	50	48.8	30.0-67.5	13C-PCB-81	100	98.1	40-145				
PCB-77	50	47.8	30.0-67.5	13C-PCB-77	100	99.5	40-145				
PCB-104	50	45.6	30.0-67.5	13C-PCB-104	100	96.5	40-145				
PCB-123	50	45.8	30.0-67.5	13C-PCB-123	100	93.4	40-145				
PCB-106/118	100	95.1	60.0-135	13C-PCB-118	100	94.2	40-145				
PCB-114	50	47.1	30.0-67.5	13C-PCB-114	100	71.8	40-145				
PCB-105	50	44.8	30.0-67.5	13C-PCB-105	100	73.0	40-145				
PCB-126	50	46.2	30.0-67.5	13C-PCB-126	100	74.6	40-145				
PCB-155	50	47.6	30.0-67.5	13C-PCB-155	100	87.7	40-145				
PCB-167	50	47.5	30.0-67.5	13C-PCB-167	100	92.0	40-145				
PCB-156	50	45.7	30.0-67.5	13C-PCB-156	100	93.9	40-145				
PCB-157	50	46.8	30.0-67.5	13C-PCB-157	100	95.2	40-145				
PCB-169	50	46.9	30.0-67.5	13C-PCB-169	100	90.1	40-145				
PCB-188	50	47.4	30.0-67.5	13C-PCB-188	100	83.5	40-145				
PCB-189	50	47.0	30.0-67.5	13C-PCB-189	100	95.8	40-145				
PCB-202	50	52.6	30.0-67.5	13C-PCB-202	100	94.3	40-145				
PCB-205	50	49.9	30.0-67.5	13C-PCB-194	100	95.7	40-145				
PCB-208	50	48.4	30.0-67.5	13C-PCB-208	100	109.4	40-145				
PCB-206	50	48.5	30.0-67.5	13C-PCB-206	100	116.6	40-145				
PCB-209	50	47.2	30.0-67.5	13C-PCB-209	100	127.4	40-145				

Analyst: MJ

Date: 3/6/18

Client ID: OPR Filename: 180302E1 S:2 Acq: 2-MAR-18 11:05:06 ConCal: ST180302E1-1

Lab ID: B8B0161-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
	PCB-1	2.42e+07	3.03	y	1.07	16:00	1.001	0.996	1.006	52.0523
	PCB-2	5.06e+07	3.06	y	1.06	18:24	0.988	0.983	0.993	56.8670
	PCB-3	4.66e+07	3.00	y	1.06	18:38	1.001	0.996	1.006	52.2516
	PCB-4/10	5.32e+07	1.64	y	1.24	20:01	1.003	0.998	1.008	87.5034
	PCB-7/9	8.06e+07	1.64	y	0.99	21:49	0.867	0.863	0.871	91.8780
	PCB-6	4.47e+07	1.65	y	1.06	22:28	0.893	0.888	0.897	47.8245
	PCB-5/8	8.33e+07	1.65	y	1.03	22:52	0.909	0.904	0.913	91.7521
	PCB-14	4.75e+07	1.64	y	1.03	23:58	0.953	0.948	0.958	43.7589
	PCB-11	5.38e+07	1.68	y	1.11	25:10	1.000	0.996	1.006	45.9905
	PCB-12/13	9.93e+07	1.63	y	1.02	25:34	1.016	1.011	1.021	92.6685
	PCB-15	5.24e+07	1.64	y	1.05	25:53	1.029	1.023	1.033	47.1655
	PCB-19	3.91e+07	1.03	y	1.20	24:09	1.001	0.996	1.006	46.5249
	PCB-30	6.60e+07	1.04	y	1.93	25:03	1.038	1.034	1.044	48.8563
	PCB-18	4.65e+07	1.03	y	0.91	25:48	0.954	0.948	0.958	46.2416
	PCB-17	4.36e+07	1.03	y	0.84	25:58	0.960	0.955	0.965	46.9966
	PCB-24/27	1.20e+08	1.04	y	1.15	26:33	0.981	0.977	0.986	94.8721
-	PCB-16/32	1.05e+08	1.03	y	1.02	27:04	1.000	0.995	1.005	93.8050
-	PCB-34	3.94e+07	1.05	y	0.96	27:52	0.960	0.955	0.965	48.8353
	PCB-23	4.22e+07	1.07	y	0.95	27:57	0.963	0.958	0.968	52.9147
	PCB-29	3.98e+07	1.04	y	0.96	28:12	0.971	0.966	0.976	49.2223
	PCB-26	4.29e+07	1.03	y	1.00	28:25	0.979	0.974	0.984	50.8426
	PCB-25	4.12e+07	1.04	y	1.06	28:35	0.985	0.980	0.990	46.4107
	PCB-31	4.71e+07	1.03	y	1.10	28:56	0.997	0.992	1.002	51.0172
	PCB-28	4.67e+07	1.05	y	1.14	29:02	1.000	0.995	1.005	48.8909
	PCB-20/21/33	1.25e+08	1.03	y	1.00	29:40	1.022	1.017	1.027	149.425
	PCB-22	4.64e+07	1.02	y	1.09	30:06	1.037	1.032	1.042	50.8184
	PCB-36	4.60e+07	1.05	y	1.15	30:43	0.934	0.929	0.939	45.0187
	PCB-39	4.48e+07	1.03	y	1.07	31:12	0.948	0.943	0.953	47.1136
	PCB-38	4.50e+07	1.04	y	1.10	31:57	0.971	0.966	0.976	45.9828
	PCB-35	4.92e+07	1.06	y	1.12	32:29	0.987	0.982	0.992	49.3247
	PCB-37	4.88e+07	1.05	y	1.11	32:55	1.001	0.996	1.006	49.3864
	PCB-54	5.23e+07	0.76	y	1.07	27:55	1.001	0.996	1.006	48.2194
	PCB-50	4.33e+07	0.76	y	0.87	29:05	1.043	1.038	1.048	49.0221
	PCB-53	4.16e+07	0.77	y	1.01	29:44	0.946	0.940	0.950	47.4361
	PCB-51	4.48e+07	0.77	y	1.10	30:05	0.957	0.952	0.962	46.9328
	PCB-45	3.57e+07	0.77	y	0.87	30:31	0.970	0.965	0.975	47.1174
	PCB-46	3.50e+07	0.76	y	0.84	31:00	0.986	0.980	0.990	48.2023

Name	Resp	RA		RRF	RT	RRT	LCL	UCL	Conc
PCB-52/69	1.03e+08	0.77	y	1.212	31:29	1.001	0.996	1.006	97.7609
PCB-73	5.84e+07	0.77	y	1.453	31:36	1.005	1.000	1.010	46.3051
PCB-43/49	8.59e+07	0.76	y	1.011	31:46	1.010	1.005	1.015	97.8663
PCB-47	3.91e+07	0.78	y	0.906	31:58	1.000	0.995	1.005	46.2824
PCB-48/75	1.04e+08	0.77	y	1.134	32:05	1.004	0.999	1.009	97.9840
PCB-65	5.93e+07	0.78	y	1.271	32:21	1.012	1.007	1.017	50.0380
PCB-62	5.19e+07	0.78	y	1.096	32:27	1.016	1.011	1.021	50.7771
PCB-44	4.21e+07	0.76	y	0.855	32:46	1.025	1.020	1.030	52.8852
PCB-42/59	9.87e+07	0.77	y	1.021	32:60	1.033	1.027	1.037	103.704
PCB-41/64/71/72	2.29e+08	0.78	y	1.166	33:35	1.051	1.046	1.056	210.383
PCB-68	6.05e+07	0.79	y	1.278	33:51	1.059	1.054	1.064	50.7719
PCB-40	3.17e+07	0.74	y	0.624	34:03	1.066	1.060	1.070	54.5236
PCB-57	6.41e+07	0.77	y	1.129	34:25	0.970	0.965	0.975	54.0581
PCB-67	5.80e+07	0.78	y	1.103	34:43	0.979	0.973	0.983	50.1082
PCB-58	6.20e+07	0.80	y	1.123	34:50	0.982	0.977	0.987	52.6051
PCB-63	5.30e+07	0.76	y	1.001	34:60	0.987	0.981	0.991	50.4411
PCB-74	5.90e+07	0.77	y	1.184	35:17	0.995	0.989	0.999	47.4408
PCB-61/70	1.06e+08	0.77	y	1.028	35:27	0.999	0.994	1.004	97.8125
PCB-76/66	1.13e+08	0.77	y	1.134	35:40	1.005	1.000	1.010	95.0126
PCB-80	5.70e+07	0.78	y	1.193	35:55	1.001	0.995	1.005	47.5937
PCB-55	5.94e+07	0.78	y	1.159	36:14	1.009	1.004	1.014	51.0875
PCB-56/60	1.02e+08	0.76	y	1.043	36:43	1.023	1.018	1.028	97.8754
PCB-79	5.85e+07	0.76	y	1.169	37:47	1.053	1.047	1.057	49.8371
PCB-78	5.75e+07	0.77	y	1.105	38:29	0.987	0.982	0.992	47.3207
PCB-81	5.20e+07	0.77	y	0.969	39:01	1.000	0.995	1.005	48.7531
PCB-77	5.51e+07	0.79	y	1.082	39:36	1.000	0.995	1.005	47.8312
PCB-104	4.35e+07	1.58	y	1.078	32:37	1.001	0.996	1.006	45.5567
PCB-96	4.91e+07	1.61	y	1.131	33:52	1.039	1.034	1.044	49.0533
PCB-103	3.77e+07	1.57	y	0.908	34:25	1.056	1.051	1.061	46.8687
PCB-100	3.61e+07	1.56	y	0.925	34:46	1.067	1.062	1.072	44.0678
PCB-94	2.81e+07	1.55	y	0.914	35:15	0.985	0.981	0.991	49.6975
PCB-95/98/102	1.00e+08	1.59	y	1.172	35:43	0.999	0.994	1.004	138.398
PCB-93	2.73e+07	1.54	y	0.926	35:51	1.002	0.997	1.007	47.7462
PCB-88/91	5.86e+07	1.57	y	0.974	36:09	1.011	1.005	1.015	97.3262
PCB-121	4.37e+07	1.61	y	1.681	36:16	1.014	1.009	1.019	42.0727
PCB-84/92	5.76e+07	1.59	y	0.973	37:05	0.990	0.985	0.995	93.9684
PCB-89	3.18e+07	1.56	y	1.065	37:16	0.995	0.990	1.000	47.3841

Integrations by Analyst: MJ
Date: 3/6/18

Reviewed by Analyst: CT
Date: 3/13/18

Client ID: OPR Filename: 180302E1 S:2 Acq: 2-MAR-18 11:05:06 ConCal: ST180302E1-1
Lab ID: B8B0161-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
	PCB-90/101	6.31e+07	1.56	y	1.08	37:28	1.000	0.995	1.005	92.9982
	PCB-113	4.57e+07	1.52	y	1.48	37:43	1.007	1.002	1.012	49.1577
	PCB-99	3.57e+07	1.61	y	1.25	37:48	1.009	1.004	1.014	45.1948
	PCB-119	4.40e+07	1.59	y	1.70	38:16	0.987	0.982	0.992	43.6876
	PCB-108/112	7.61e+07	1.60	y	1.40	38:25	0.991	0.986	0.996	91.5593
	PCB-83	4.78e+07	1.60	y	1.75	38:35	0.996	0.990	1.000	46.0495
	PCB-97	3.18e+07	1.55	y	1.17	38:46	1.000	0.995	1.005	45.6612
	PCB-86	3.10e+07	1.62	y	1.08	38:54	1.004	0.999	1.009	48.3496
	B-87/117/125	1.23e+08	1.55	y	1.55	39:02	1.007	1.002	1.012	133.514
	PCB-111/115	9.24e+07	1.55	y	1.79	39:11	1.011	1.006	1.016	86.9795
	PCB-85/116	7.74e+07	1.60	y	1.29	39:19	1.015	1.009	1.019	101.285
	PCB-120	4.97e+07	1.56	y	1.98	39:34	1.021	1.016	1.026	42.3739
	PCB-110	4.96e+07	1.57	y	1.69	39:42	1.024	1.020	1.030	49.6922
	PCB-82	3.09e+07	1.57	y	0.81	40:19	0.976	0.972	0.982	47.7210
	PCB-124	4.82e+07	1.57	y	1.30	41:00	0.993	0.988	0.998	46.2568
	PCB-107/109	9.97e+07	1.58	y	1.31	41:09	0.996	0.991	1.001	94.3724
	PCB-123	4.12e+07	1.57	y	1.12	41:20	1.001	0.996	1.006	45.8009
-	PCB-106/118	9.58e+07	1.57	y	1.18	41:32	1.001	0.996	1.006	95.0986
-	PCB-114	3.32e+07	1.64	y	1.11	42:10	1.001	0.995	1.005	47.1401
	PCB-122	3.00e+07	1.65	y	1.03	42:18	1.004	0.999	1.009	46.1690
	PCB-105	3.13e+07	1.62	y	1.12	43:02	1.001	0.995	1.005	44.8366
	PCB-127	3.35e+07	1.65	y	1.12	43:22	1.000	0.995	1.005	44.5934
	PCB-126	3.51e+07	1.65	y	1.20	45:15	1.000	0.995	1.005	46.2280
	PCB-155	3.10e+07	1.28	y	0.99	37:01	1.001	0.995	1.005	47.5720
	PCB-150	3.66e+07	1.27	y	1.02	38:17	1.035	1.030	1.040	54.1893
	PCB-152	4.21e+07	1.25	y	1.16	38:45	1.048	1.042	1.052	55.1699
	PCB-145	4.11e+07	1.24	y	1.13	39:12	1.060	1.054	1.064	55.1784
	PCB-136	3.90e+07	1.26	y	1.02	39:31	1.068	1.063	1.073	57.8428
	PCB-148	2.75e+07	1.29	y	0.77	39:38	1.072	1.066	1.076	53.9776
	PCB-154	3.28e+07	1.26	y	0.88	40:07	1.084	1.079	1.089	56.8704
	PCB-151	2.98e+07	1.26	y	0.75	40:46	1.102	1.095	1.107	60.0639
	PCB-135	3.19e+07	1.28	y	0.86	40:58	1.108	1.101	1.113	56.3053
	PCB-144	3.21e+07	1.24	y	0.77	41:05	1.111	1.105	1.116	63.5557
	PCB-147	3.03e+07	1.26	y	0.80	41:13	1.114	1.108	1.120	57.0410
	PCB-139/149	6.73e+07	1.26	y	0.88	41:29	1.121	1.115	1.127	115.965
-	PCB-140	2.98e+07	1.25	y	0.77	41:40	1.126	1.120	1.132	58.7864
-	PCB-134/143	6.36e+07	1.22	y	0.76	42:05	0.975	0.970	0.980	96.9476

Name	Resp	RA		RRF	RT	RRT	LCL	UCL	Conc
PCB-131/133	6.72e+07	1.24	y	0.82	42:24	0.982	0.977	0.987	95.5849
PCB-142	3.17e+07	1.24	y	0.73	42:33	0.986	0.981	0.991	50.2888
PCB-146/165	8.35e+07	1.23	y	1.02	42:47	0.991	0.986	0.996	95.1119
PCB-132/161	8.26e+07	1.23	y	1.00	43:01	0.997	0.992	1.002	95.6439
PCB-153	4.31e+07	1.24	y	1.08	43:11	1.000	0.995	1.005	46.5047
PCB-168	4.34e+07	1.23	y	1.12	43:24	1.005	1.000	1.010	45.1150
PCB-141	3.54e+07	1.23	y	1.02	43:55	1.000	0.995	1.005	47.4877
PCB-137	3.56e+07	1.24	y	1.10	44:18	1.009	1.004	1.014	44.1846
PCB-130	3.23e+07	1.25	y	0.81	44:24	1.011	1.007	1.017	54.7793
PCB-138/163/164	1.36e+08	1.23	y	1.23	44:47	1.001	0.996	1.006	141.275
PCB-158/160	8.87e+07	1.23	y	1.18	45:01	1.006	1.001	1.011	96.5254
PCB-129	2.95e+07	1.20	y	0.78	45:16	1.012	1.007	1.017	48.5539
PCB-166	4.88e+07	1.23	y	1.13	45:43	0.993	0.988	0.998	46.2337
PCB-159	5.26e+07	1.24	y	1.16	46:02	1.000	0.995	1.005	48.5773
PCB-128/162	8.09e+07	1.23	y	0.89	46:20	1.006	1.002	1.012	96.9794
PCB-167	4.65e+07	1.22	y	1.02	46:44	1.000	0.995	1.005	47.4941
PCB-156	4.71e+07	1.23	y	1.06	48:00	1.000	0.995	1.005	45.7464
PCB-157	4.67e+07	1.21	y	1.02	48:16	1.000	0.996	1.006	46.8259
PCB-169	4.96e+07	1.23	y	1.13	50:29	1.000	0.995	1.005	46.9414
PCB-188	4.32e+07	1.05	y	1.37	42:49	1.000	0.995	1.005	47.4253
PCB-184	4.28e+07	1.04	y	1.32	43:16	1.011	1.006	1.016	48.8662
PCB-179	4.64e+07	1.05	y	1.38	44:03	1.029	1.024	1.034	50.4787
PCB-176	4.33e+07	1.03	y	1.31	44:30	1.040	1.035	1.045	49.8235
PCB-186	4.85e+07	1.05	y	1.42	45:07	1.054	1.049	1.059	51.3708
PCB-178	3.35e+07	1.04	y	0.97	45:37	1.066	1.060	1.070	52.0238
PCB-175	3.61e+07	1.04	y	1.00	45:58	1.074	1.069	1.079	54.5136
PCB-182/187	7.81e+07	1.05	y	1.14	46:08	1.078	1.072	1.082	102.976
PCB-183	3.86e+07	1.07	y	1.13	46:27	1.085	1.080	1.090	51.5350
PCB-185	3.41e+07	1.06	y	1.36	47:06	0.956	0.950	0.960	47.8369
PCB-174	3.65e+07	1.02	y	1.42	47:28	0.963	0.958	0.968	49.0332
PCB-181	3.65e+07	1.06	y	1.48	47:34	0.965	0.960	0.970	46.9359
PCB-177	3.39e+07	1.04	y	1.33	47:44	0.968	0.963	0.973	48.5368
PCB-171	3.41e+07	1.05	y	1.37	48:01	0.974	0.969	0.979	47.2244
PCB-173	3.30e+07	1.03	y	1.27	48:27	0.983	0.978	0.988	49.4910
PCB-172	3.62e+07	1.04	y	1.39	48:54	0.992	0.987	0.997	49.5653
PCB-192	4.70e+07	1.06	y	1.80	49:06	0.996	0.991	1.001	49.4449
PCB-180	3.79e+07	1.04	y	1.52	49:19	1.000	0.995	1.005	47.5208

Integrations by Analyst: MJ

Date: 3/6/18

Client ID: OPR Filename: 180302E1 S:2 Acq: 2-MAR-18 11:05:06 ConCal: ST180302E1-1
Lab ID: B880161-BS1 GC Column ID: ZB-1 ICal: PCBWG8-2-8-18 wt/vol: 1.0000 EndCAL: NA

	Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc
	PCB-193	4.25e+07	1.05 y	1.71	49:30	1.004	0.999	1.009	47.1688
	PCB-191	4.47e+07	1.04 y	1.74	49:46	1.010	1.005	1.015	48.7942
	PCB-170	3.29e+07	1.05 y	1.44	50:54	1.000	0.995	1.005	48.5192
	PCB-190	4.41e+07	1.04 y	1.95	51:05	1.004	0.999	1.009	47.9114
	PCB-189	4.28e+07	1.04 y	1.46	52:31	1.000	0.995	1.005	47.0164
	PCB-202	3.83e+07	0.88 y	1.06	48:14	1.000	0.995	1.005	52.5781
	PCB-201	3.71e+07	0.89 y	0.98	48:43	1.010	1.006	1.016	55.2488
	PCB-204	3.86e+07	0.88 y	1.07	48:52	1.014	1.009	1.019	52.4890
	PCB-197	3.87e+07	0.88 y	1.10	49:11	1.020	1.015	1.025	51.3046
	PCB-200	3.76e+07	0.87 y	1.04	50:05	1.039	1.034	1.044	52.4927
	PCB-198	3.04e+07	0.88 y	0.84	51:33	1.069	1.065	1.075	52.7619
	PCB-199	2.89e+07	0.88 y	0.80	51:40	1.072	1.067	1.077	52.7231
-	PCB-196/203	6.31e+07	0.88 y	0.84	51:57	1.078	1.072	1.082	109.214
-	PCB-195	2.52e+07	0.90 y	1.04	53:10	0.984	0.979	0.989	51.5743
	PCB-194	2.65e+07	0.90 y	1.16	54:04	1.000	0.995	1.005	48.4527
	PCB-205	3.14e+07	0.91 y	1.33	54:20	1.005	1.000	1.010	49.9413
	PCB-208	3.32e+07	1.30 y	0.90	53:19	1.000	0.995	1.005	48.4231
	PCB-207	3.34e+07	1.31 y	0.89	53:39	1.006	1.001	1.011	49.0041
	PCB-206	2.58e+07	1.30 y	0.88	55:38	1.000	0.995	1.005	48.4573
	PCB-209	2.96e+07	1.18 y	1.04	56:57	1.000	0.995	1.005	47.2250

Name	Resp	RA	RT	RRF	Conc	
Total Mono-PCB	1.21e+08	3.03 y	16:00	1.06	161.171	
Total Di-PCB	5.16e+08	1.64 y	20:01	1.04	550.205	
Total Tri-PCB	4.21e+08	1.03 y	24:09	1.15	377.297	
Total Tri-PCB	7.20e+08	1.05 y	27:52	1.05	801.676	Sum:1178.97
Total Tetra-PCB	2.18e+09	0.76 y	27:55	1.06	2097.04	
Total Penta-PCB	1.60e+09	1.58 y	32:37	1.18	1910.87	
Total Penta-PCB	1.71e+08	1.64 y	42:10	1.12	240.260	Sum:2151.13
Total Hexa-PCB	4.71e+08	1.28 y	37:01	0.91	792.518	
Total Hexa-PCB	1.16e+09	1.22 y	42:05	1.00	1351.05	Sum:2143.57
Total Hepta-PCB	9.54e+08	1.05 y	42:49	1.35	1193.82	
Total Octa-PCB	3.13e+08	0.88 y	48:14	0.95	478.812	
Total Octa-PCB	8.48e+07	0.90 y	53:10	1.17	152.988	Sum:631.800
Total Nona-PCB	9.24e+07	1.30 y	53:19	0.89	145.885	
Total Deca-PCB	2.96e+07	1.18 y	56:57	1.04	47.2250	

Total PCB Conc:10228.2799930

Integrations by Analyst: MJ

Date: 3/6/18

Client ID: OPR Filename: 180302E1 S:2 Acq: 2-MAR-18 11:05:06 ConCal: ST180302E1-1
Lab ID: B8B0161-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	4.34e+07	3.08 y	1.13	15:59	0.618	0.616-0.622	30.4	30.4
13C-PCB-3	8.40e+07	3.09 y	1.21	18:37	0.720	0.716-0.724	55.0	55.0
13C-PCB-4	4.91e+07	1.57 y	0.59	19:58	0.772	0.769-0.777	65.6	65.6
13C-PCB-9	8.84e+07	1.50 y	0.94	21:46	0.842	0.837-0.845	74.4	74.4
13C-PCB-11	1.05e+08	1.54 y	0.95	25:09	0.973	0.968-0.978	88.1	88.1
13C-PCB-19	7.01e+07	1.05 y	0.62	24:08	0.933	0.928-0.938	89.2	89.2
13C-PCB-28	8.41e+07	1.00 y	1.05	29:02	1.004	0.999-1.009	86.2	86.2
13C-PCB-32	1.10e+08	1.04 y	0.91	27:04	1.046	1.041-1.051	96.1	96.1
13C-PCB-37	8.89e+07	1.03 y	1.02	32:54	1.138	1.132-1.144	93.7	93.7
13C-PCB-47	9.32e+07	0.80 y	0.83	31:57	0.870	0.867-0.875	100	100
13C-PCB-52	8.68e+07	0.79 y	0.76	31:26	0.857	0.853-0.861	102	102
13C-PCB-54	1.01e+08	0.79 y	0.93	27:54	0.760	0.756-0.764	97.6	97.6
13C-PCB-70	1.05e+08	0.79 y	1.00	35:28	0.966	0.961-0.971	94.4	94.4
13C-PCB-77	1.06e+08	0.81 y	0.96	39:35	1.078	1.073-1.083	99.5	99.5
13C-PCB-80	1.00e+08	0.81 y	1.00	35:54	0.978	0.973-0.983	90.4	90.4
13C-PCB-81	1.10e+08	0.80 y	1.01	38:59	1.062	1.057-1.067	98.1	98.1
13C-PCB-95	6.18e+07	1.59 y	0.80	35:46	0.913	0.908-0.918	84.6	84.6
13C-PCB-97	5.92e+07	1.60 y	0.70	38:45	0.989	0.984-0.994	92.7	92.7
13C-PCB-101	6.30e+07	1.59 y	0.80	37:28	0.956	0.951-0.961	86.3	86.3
13C-PCB-104	8.85e+07	1.56 y	1.01	32:36	0.832	0.828-0.836	96.5	96.5
13C-PCB-105	6.21e+07	1.53 y	1.14	43:01	0.929	0.924-0.934	73.0	73.0
13C-PCB-114	6.33e+07	1.54 y	1.18	42:09	0.910	0.905-0.915	71.8	71.8
13C-PCB-118	8.54e+07	1.60 y	1.00	41:30	1.059	1.054-1.064	94.2	94.2
13C-PCB-123	8.04e+07	1.58 y	0.95	41:19	1.054	1.049-1.059	93.4	93.4
13C-PCB-126	6.32e+07	1.54 y	1.14	45:15	0.977	0.972-0.982	74.6	74.6
13C-PCB-127	6.72e+07	1.53 y	1.24	43:21	0.937	0.931-0.941	72.5	72.5
13C-PCB-138	7.78e+07	1.26 y	1.17	44:45	0.967	0.962-0.972	89.0	89.0
13C-PCB-141	7.31e+07	1.28 y	1.11	43:55	0.949	0.944-0.954	88.6	88.6
13C-PCB-153	8.61e+07	1.27 y	1.34	43:10	0.933	0.928-0.938	86.4	86.4
13C-PCB-155	6.59e+07	1.31 y	0.83	36:59	0.944	0.939-0.949	87.7	87.7
13C-PCB-156	9.68e+07	1.27 y	1.38	47:60	1.037	1.032-1.042	93.9	93.9
13C-PCB-157	9.74e+07	1.27 y	1.37	48:16	1.043	1.037-1.047	95.2	95.2
13C-PCB-159	9.36e+07	1.27 y	1.39	46:02	0.994	0.989-0.999	90.5	90.5
13C-PCB-167	9.59e+07	1.27 y	1.40	46:43	1.009	1.004-1.014	92.0	92.0
13C-PCB-169	9.34e+07	1.28 y	1.39	50:28	1.090	1.085-1.095	90.1	90.1
13C-PCB-170	4.72e+07	0.45 y	0.86	50:53	1.103	1.097-1.109	96.7	96.7
13C-PCB-180	5.26e+07	0.46 y	0.98	49:17	1.069	1.064-1.074	94.8	94.8
13C-PCB-188	6.64e+07	0.45 y	1.40	42:48	0.928	0.923-0.933	83.5	83.5
13C-PCB-189	6.26e+07	0.46 y	1.15	52:30	1.138	1.132-1.144	95.8	95.8
13C-PCB-194	4.72e+07	0.88 y	0.77	54:03	0.995	0.990-1.000	95.7	95.7
13C-PCB-202	6.87e+07	0.92 y	1.28	48:13	1.045	1.040-1.050	94.3	94.3
13C-PCB-206	6.04e+07	0.78 y	0.81	55:37	1.024	1.019-1.029	117	117
13C-PCB-208	7.66e+07	0.77 y	1.09	53:19	0.981	0.977-0.987	109	109
13C-PCB-209	6.01e+07	1.19 y	0.74	56:56	1.048	1.043-1.053	127	127

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL-UCL	Conc	Rec
13C-PCB-79	1.19e+08	0.79 y	1.03	37:46	1.029	1.024-1.034	103	103
13C-PCB-178	5.33e+07	0.45 y	0.93	45:35	0.985	0.980-0.990	101	101

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL-UCL	Conc	Rec
13C-PCB-79	1.19e+08	0.79 y	1.03	37:46	0.969	0.963-0.973	105	105
13C-PCB-178	5.33e+07	0.45 y	0.95	45:35	0.925	0.920-0.930	106	106

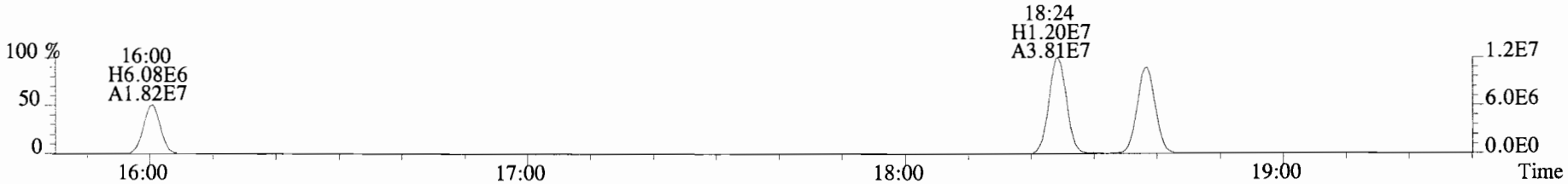
RS

Name	Resp	RA	RRF	RT	Conc
13C-PCB-15	1.26e+08	1.54 y	1.00	25:52	100
13C-PCB-31	9.30e+07	1.01 y	1.00	28:55	100
13C-PCB-60	1.11e+08	0.80 y	1.00	36:42	100
13C-PCB-111	9.10e+07	1.58 y	1.00	39:11	100
13C-PCB-128	7.45e+07	1.28 y	1.00	46:17	100
13C-PCB-182	5.69e+07	0.47 y	1.00	46:08	100
13C-PCB-205	6.41e+07	0.89 y	1.00	54:19	100

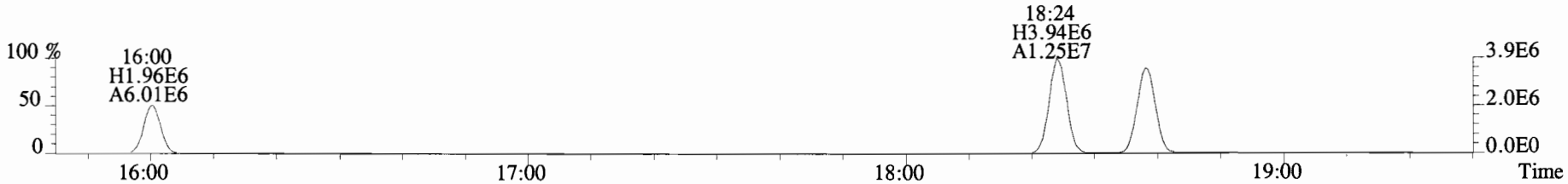
Analyst: MJ

Date: 3/6/18

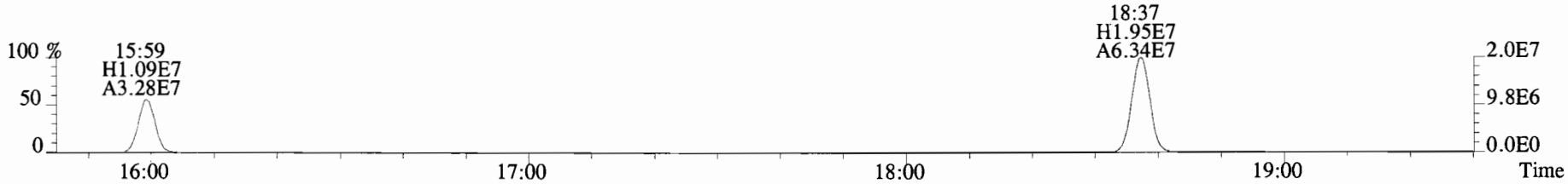
File:180302E1 #1-867 Acq: 2-MAR-2018 11:05:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BS1 OPR 1 Exp:PCB_ZB1
188.0393 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5376.0,0.00%,F,F)



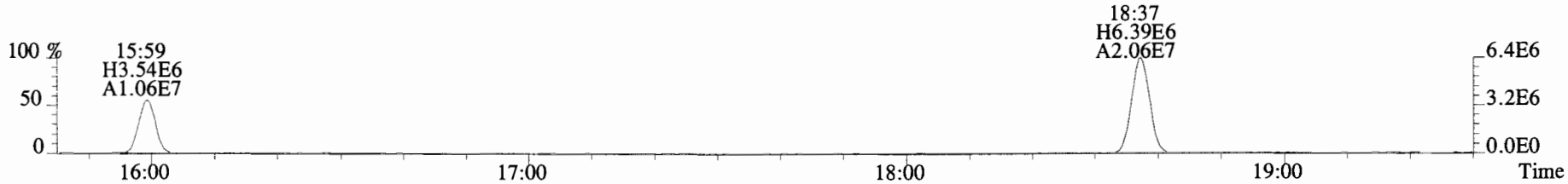
190.0363 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4540.0,0.00%,F,F)



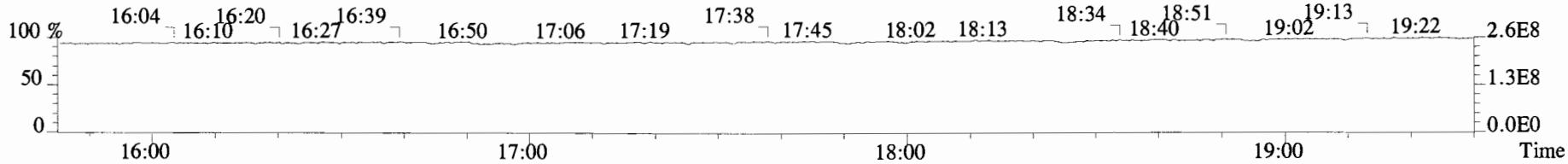
200.0795 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5748.0,0.00%,F,F)



202.0766 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25628.0,0.00%,F,F)

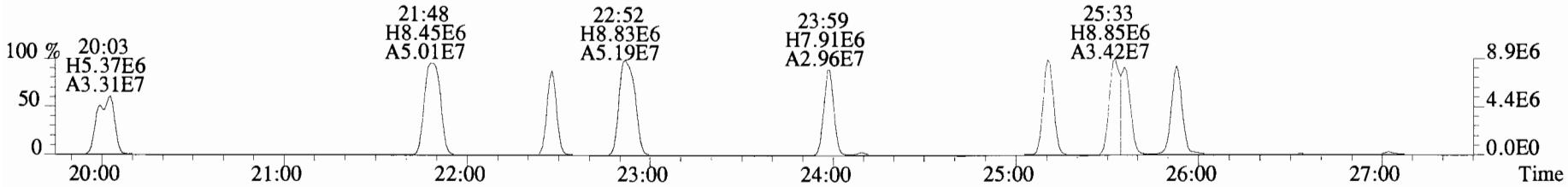


180.9880 S:2

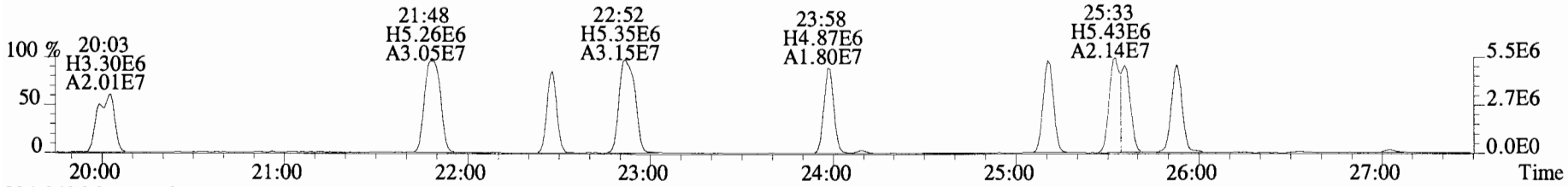


File:180302E1 #1-757 Acq: 2-MAR-2018 11:05:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BS1 OPR 1 Exp:PCB_ZB1

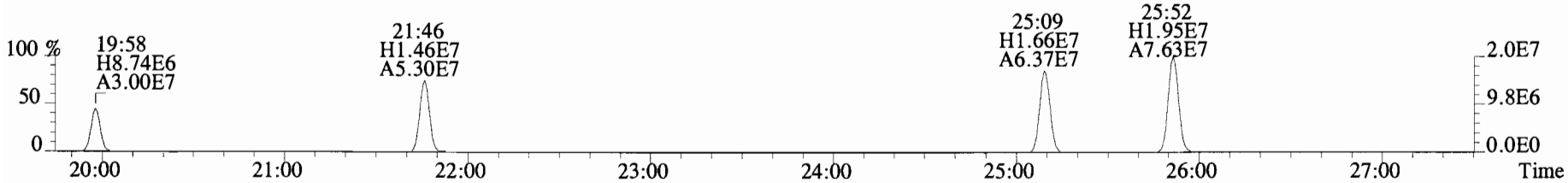
222.0003 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6104.0,0.00%,F,F)



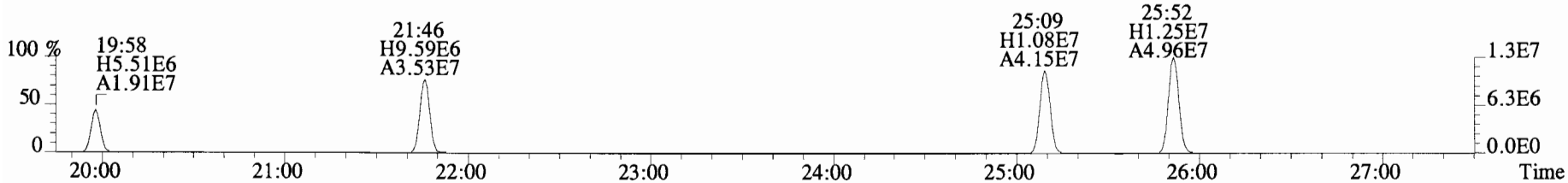
223.9974 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,53972.0,0.00%,F,F)



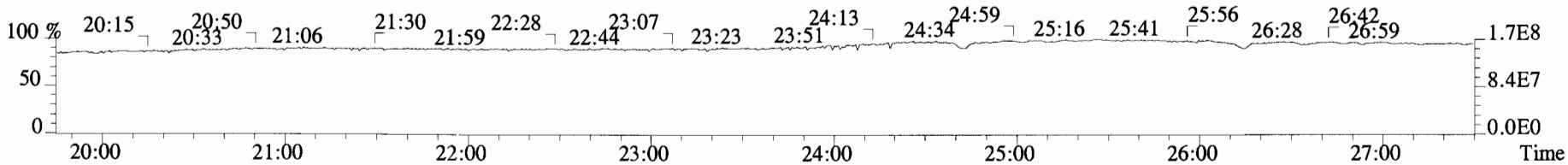
234.0406 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3608.0,0.00%,F,F)



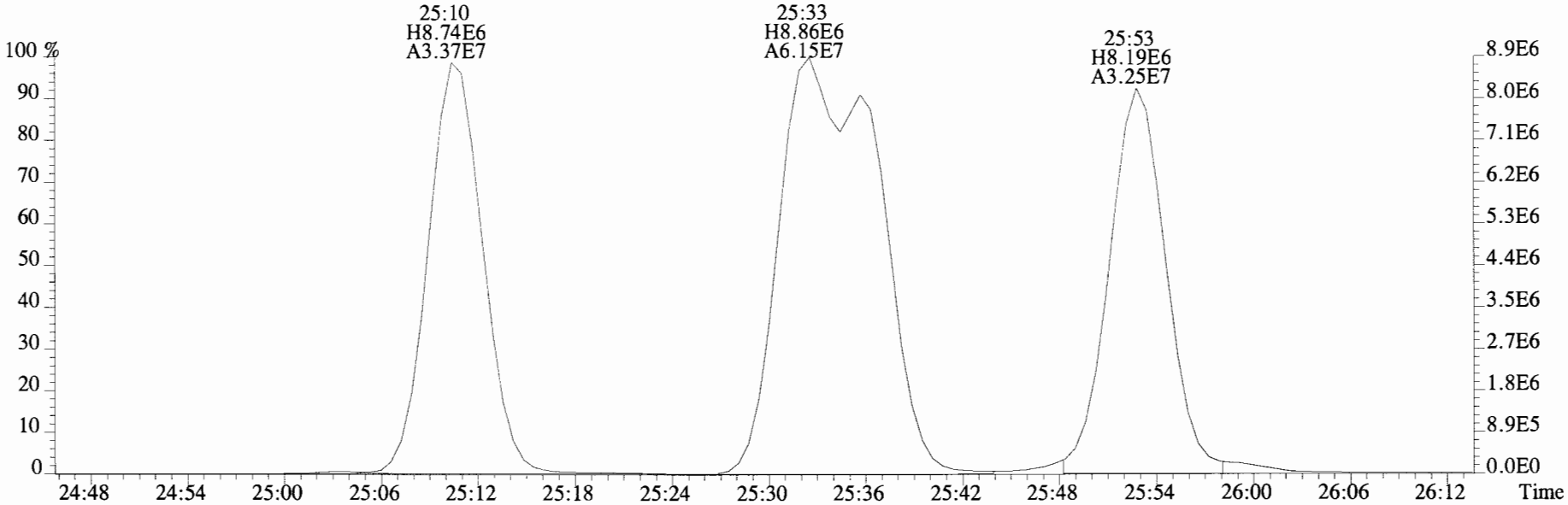
236.0376 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4292.0,0.00%,F,F)



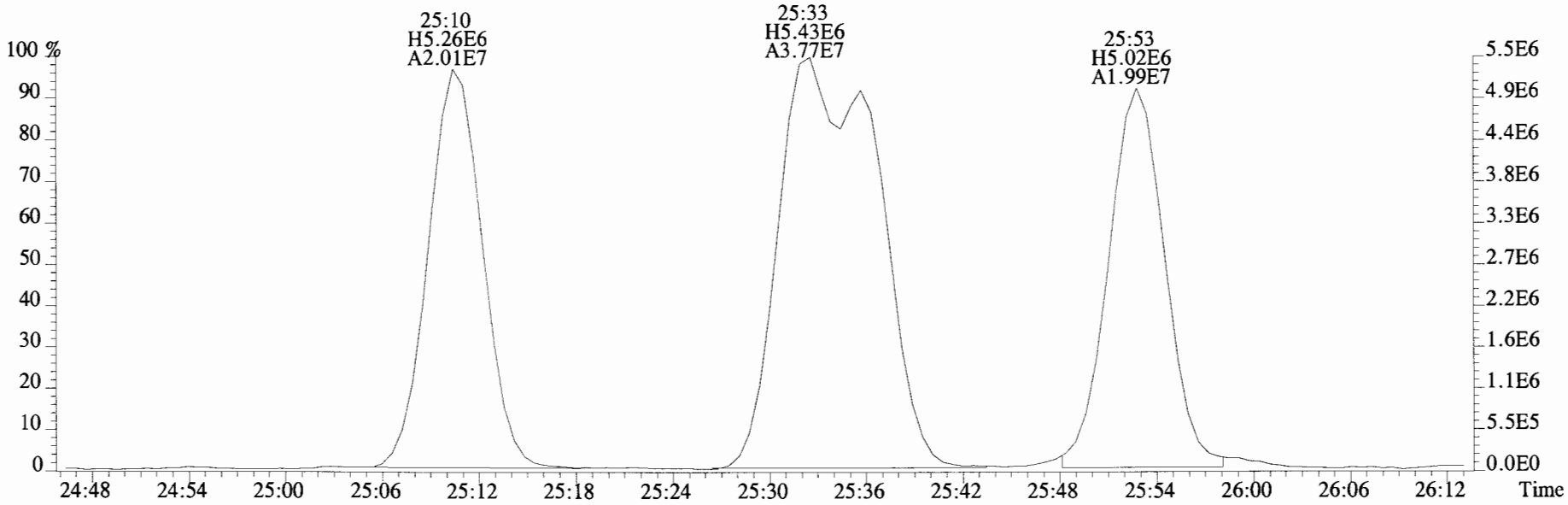
230.9856 S:2 F:2



File:180302E1 #1-757 Acq: 2-MAR-2018 11:05:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BS1 OPR 1 Exp:PCB_ZB1
222.0003 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6104.0,0.00%,F,F)

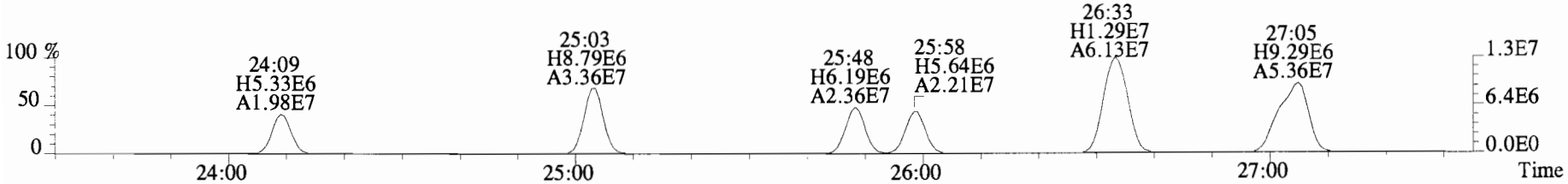


223.9974 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,53972.0,0.00%,F,F)

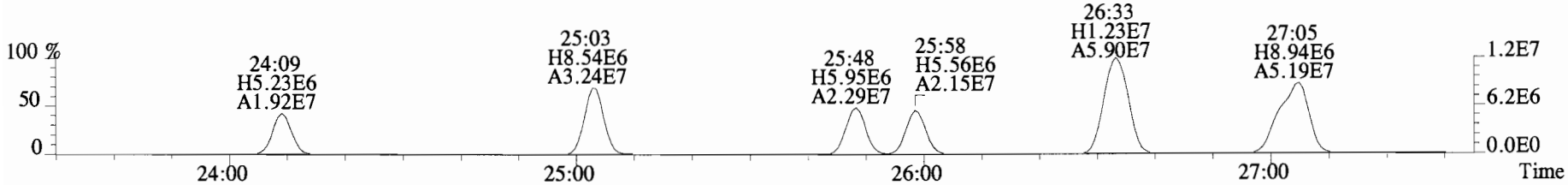


File:180302E1 #1-757 Acq: 2-MAR-2018 11:05:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BS1 OPR 1 Exp:PCB_ZB1

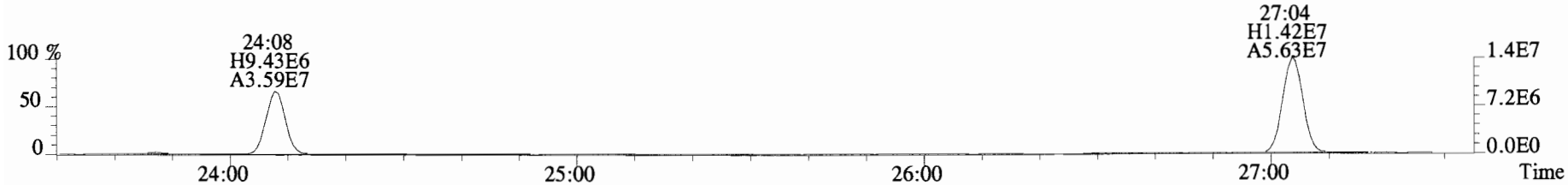
255.9613 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5132.0,0.00%,F,F)



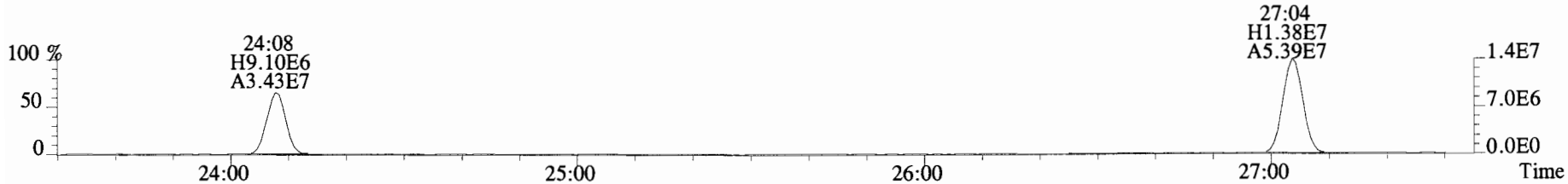
257.9584 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2908.0,0.00%,F,F)



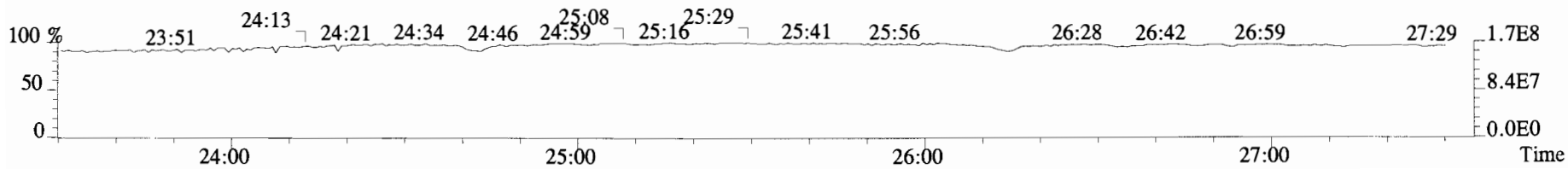
268.0016 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,91884.0,0.00%,F,F)



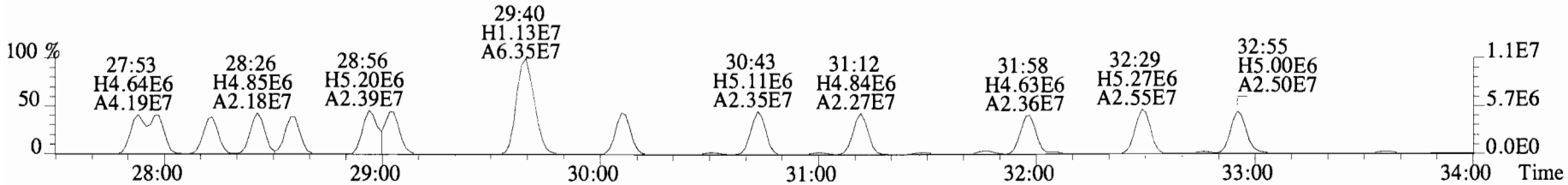
269.9986 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74176.0,0.00%,F,F)



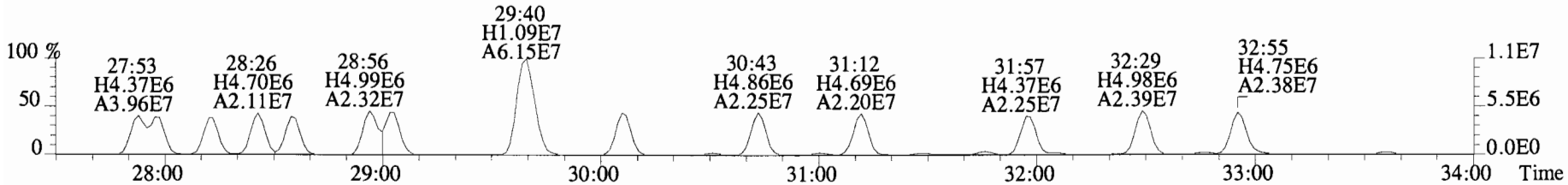
230.9856 S:2 F:2



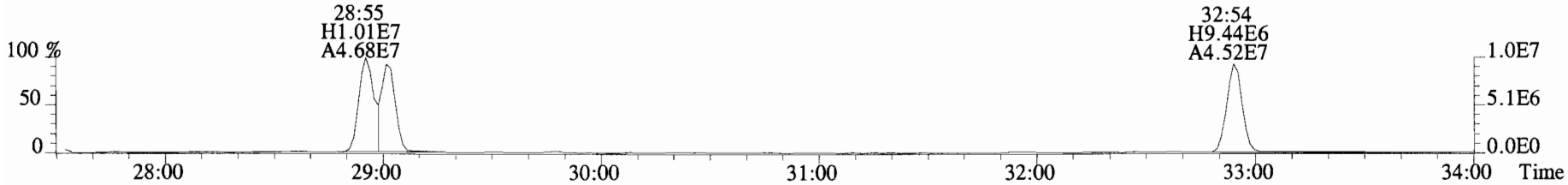
File:180302E1 #1-756 Acq: 2-MAR-2018 11:05:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BS1 OPR 1 Exp:PCB_ZB1
255.9613 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10604.0,0.00%,F,F)



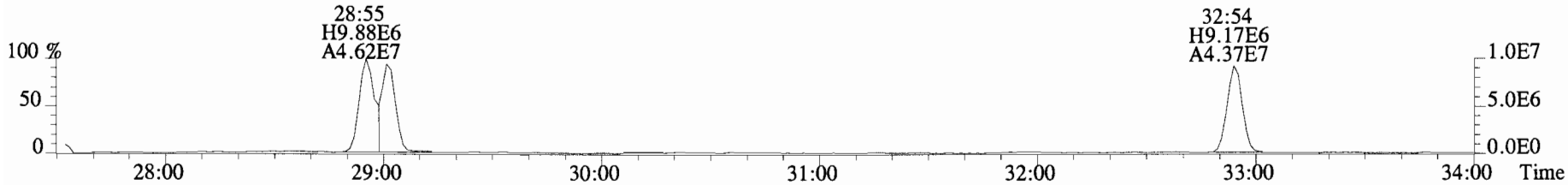
257.9584 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9208.0,0.00%,F,F)



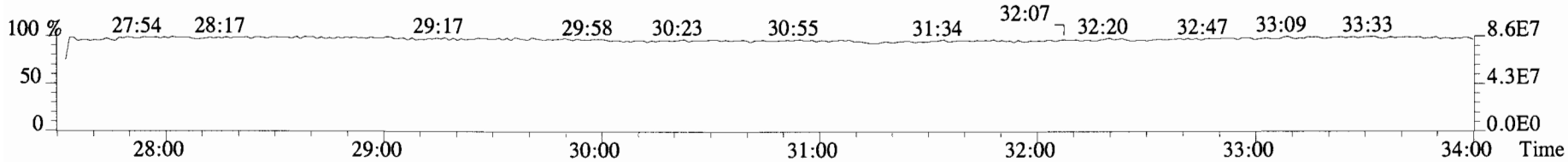
268.0016 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,143784.0,0.00%,F,F)



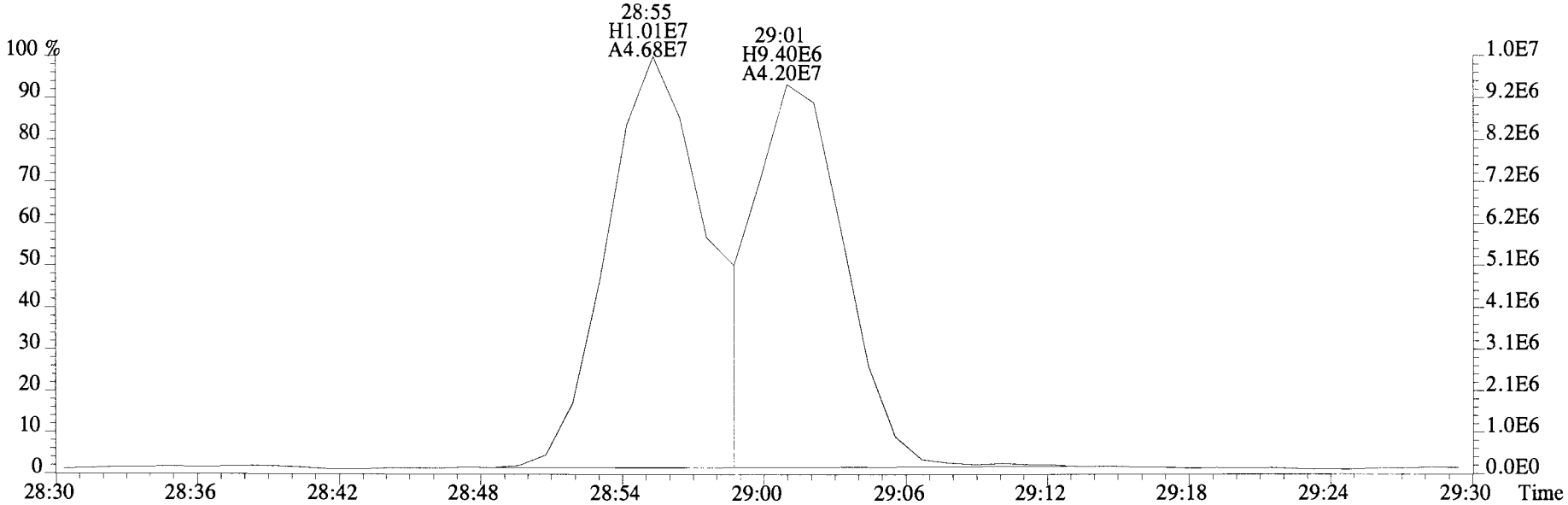
269.9986 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,187128.0,0.00%,F,F)



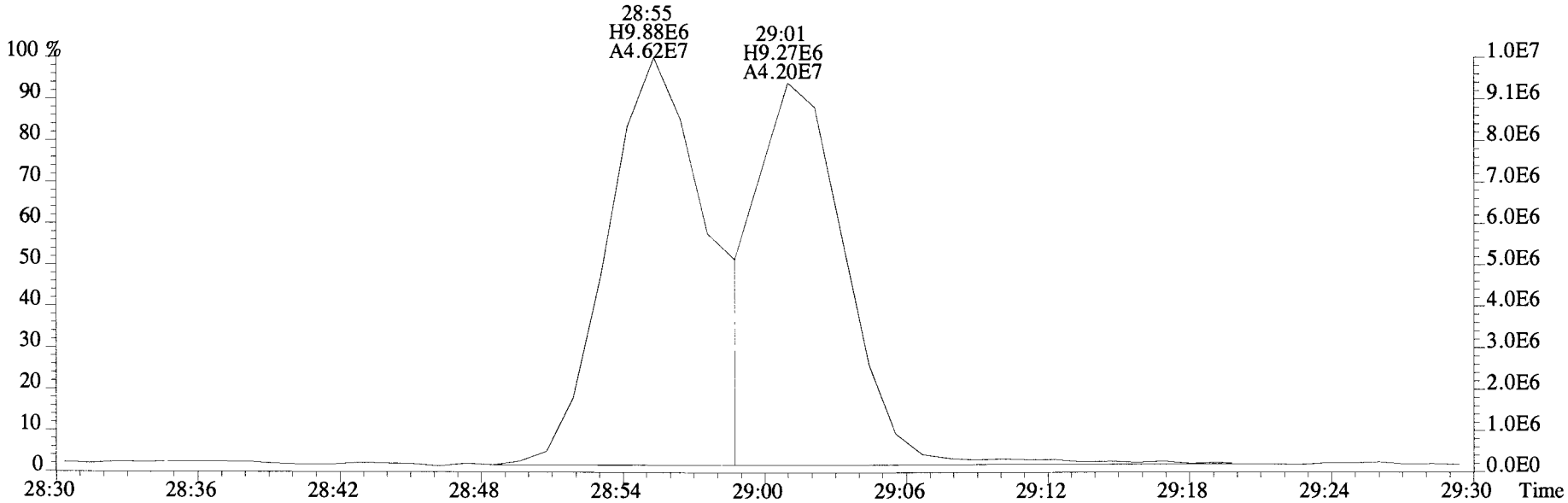
330.9792 S:2 F:3



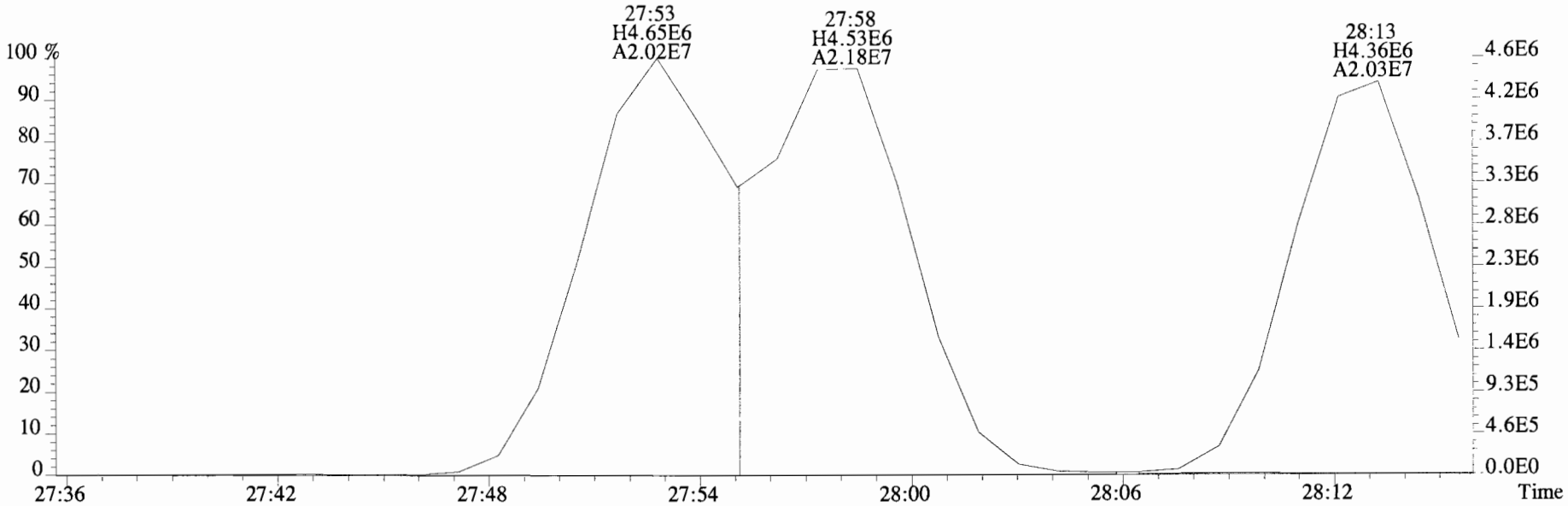
File:180302E1 #1-756 Acq: 2-MAR-2018 11:05:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BS1 OPR 1 Exp:PCB_ZB1
268.0016 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,143784.0,0.00%,F,F)



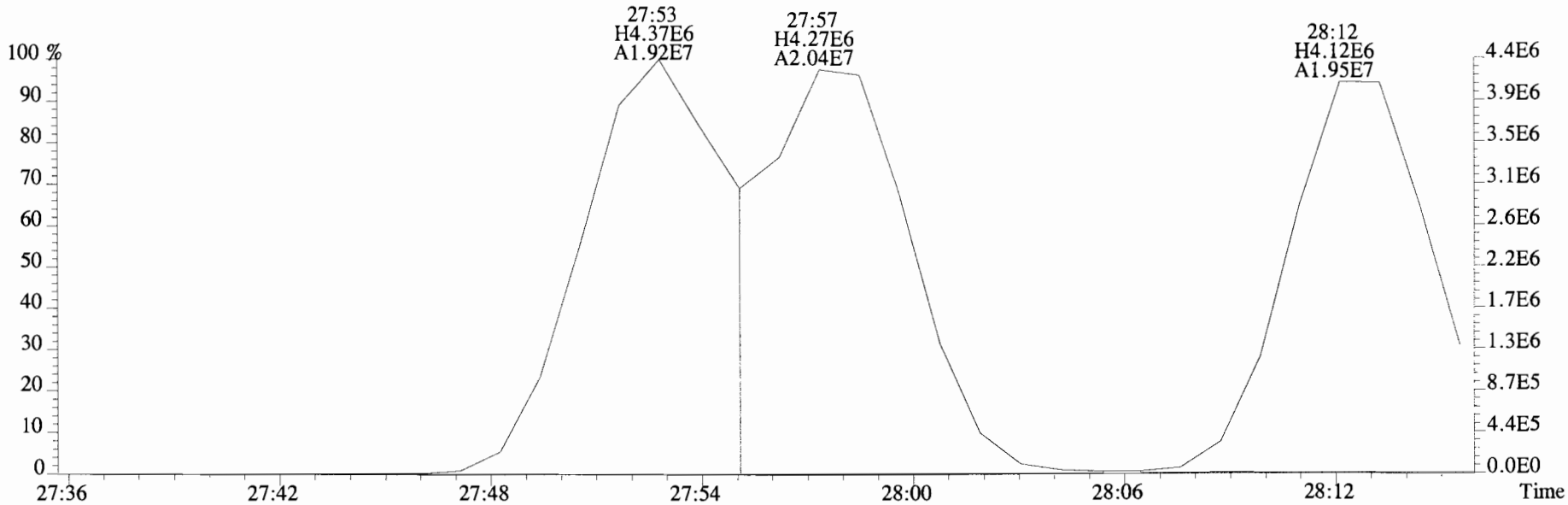
269.9986 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,187128.0,0.00%,F,F)



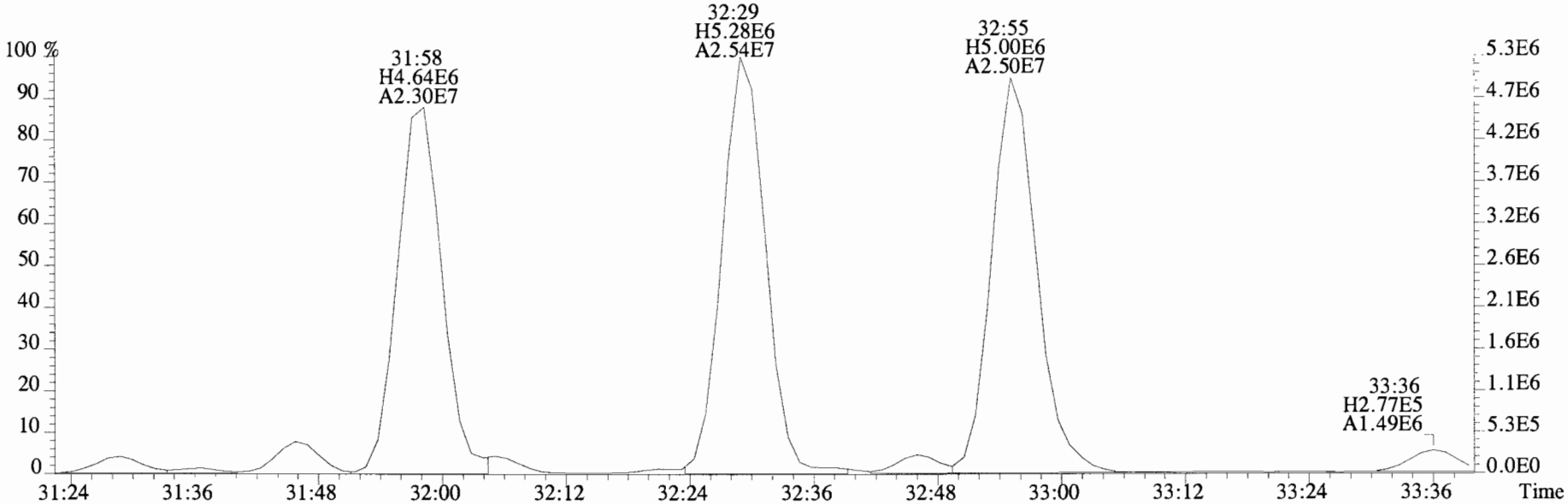
File:180302E1 #1-756 Acq: 2-MAR-2018 11:05:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BS1 OPR 1 Exp:PCB_ZB1
255.9613 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10604.0,0.00%,F,F)



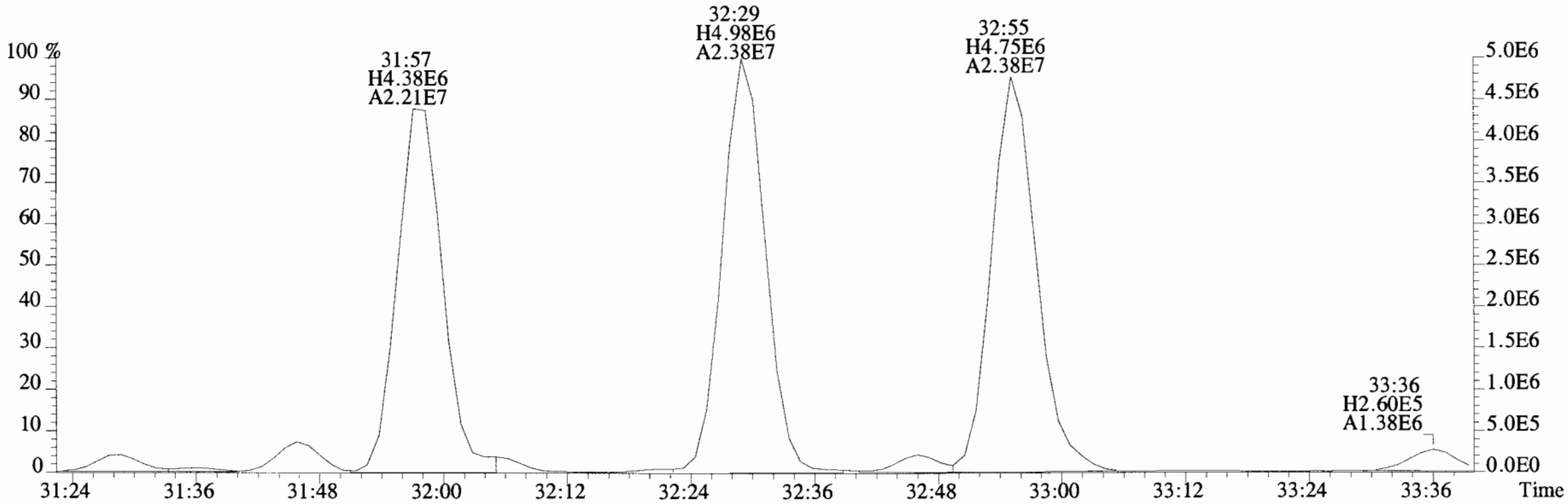
257.9584 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9208.0,0.00%,F,F)



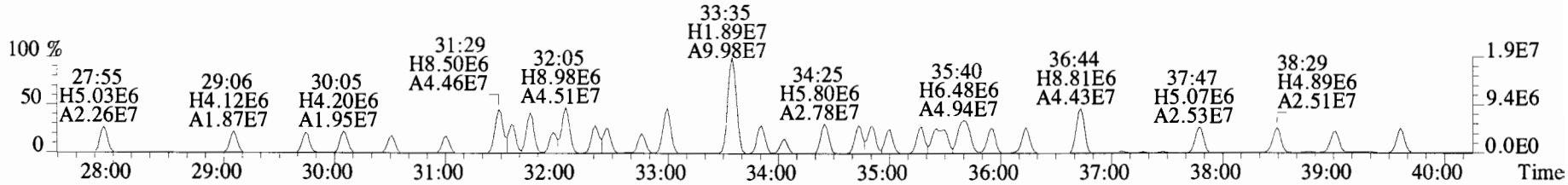
File:180302E1 #1-756 Acq: 2-MAR-2018 11:05:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BS1 OPR 1 Exp:PCB_ZB1
255.9613 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10604.0,0.00%,F,F)



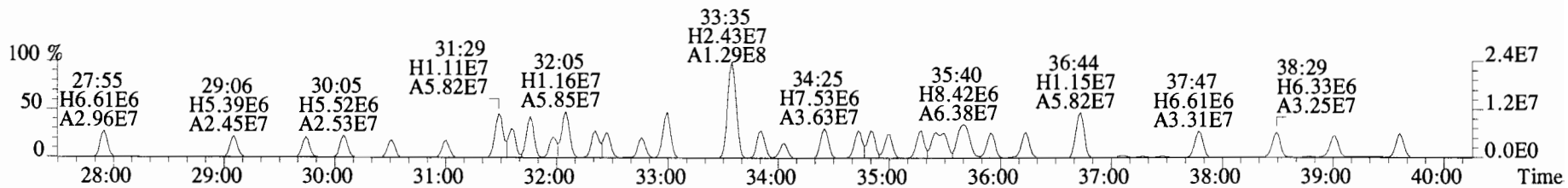
257.9584 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9208.0,0.00%,F,F)



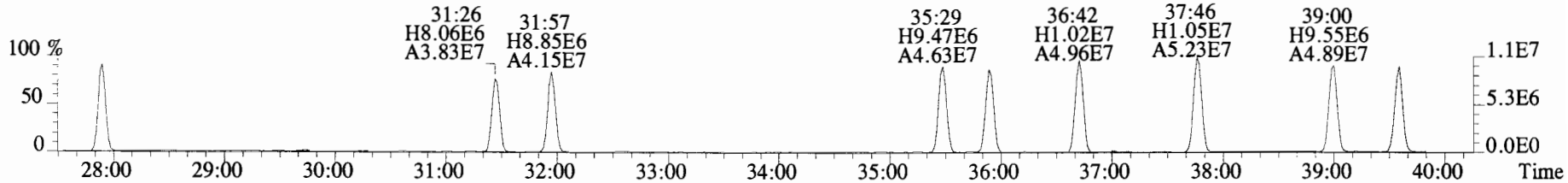
File:180302E1 #1-756 Acq: 2-MAR-2018 11:05:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BS1 OPR 1 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16640.0,0.00%,F,F)



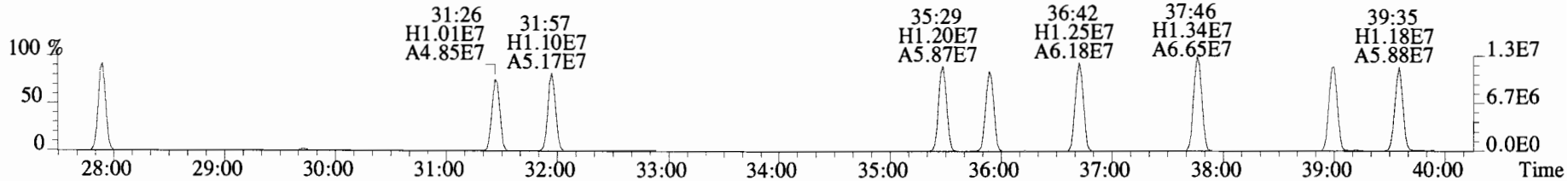
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27008.0,0.00%,F,F)



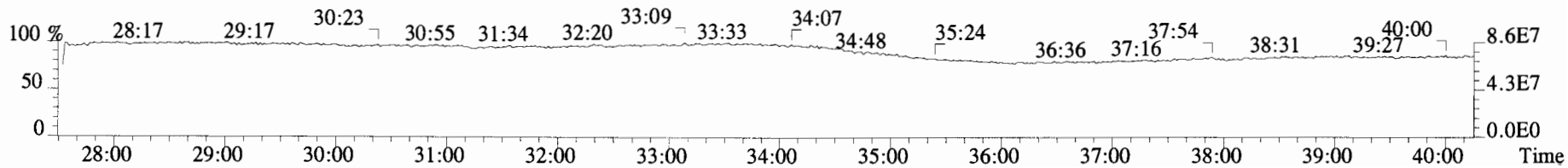
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43464.0,0.00%,F,F)



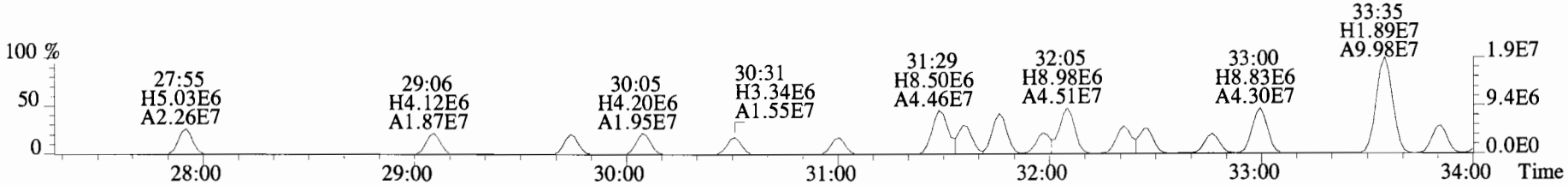
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21964.0,0.00%,F,F)



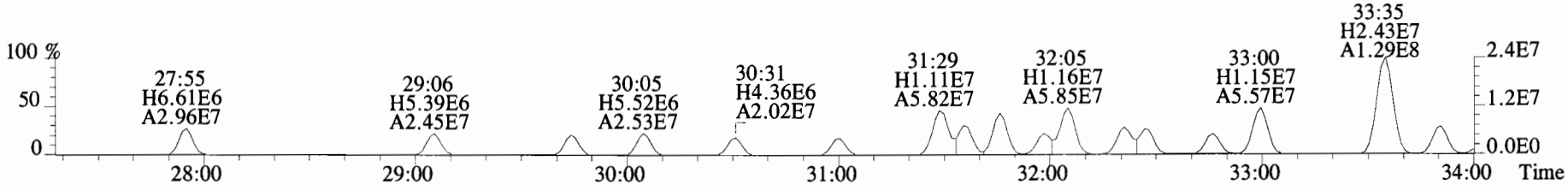
330.9792 S:2 F:3



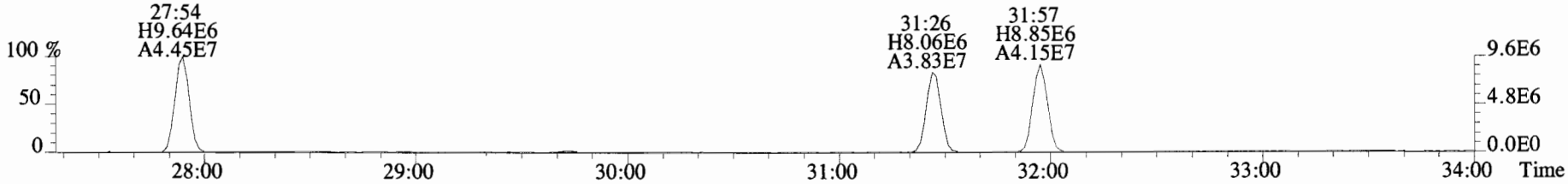
File:180302E1 #1-756 Acq: 2-MAR-2018 11:05:06 GC El+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BS1 OPR 1 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16640.0,0.00%,F,F)



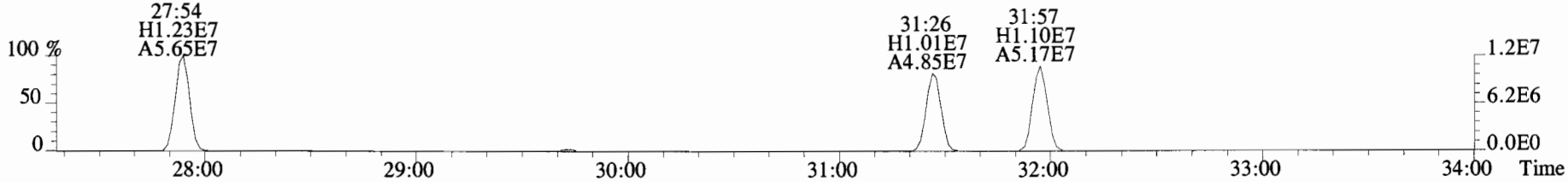
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27008.0,0.00%,F,F)



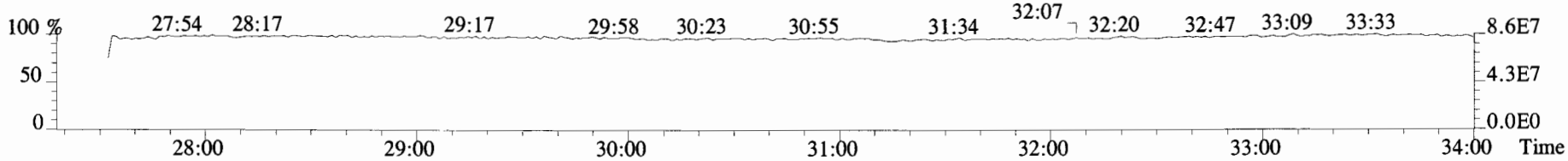
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43464.0,0.00%,F,F)



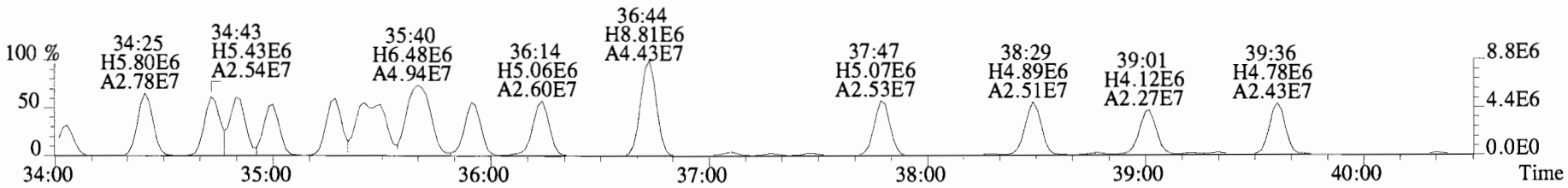
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21964.0,0.00%,F,F)



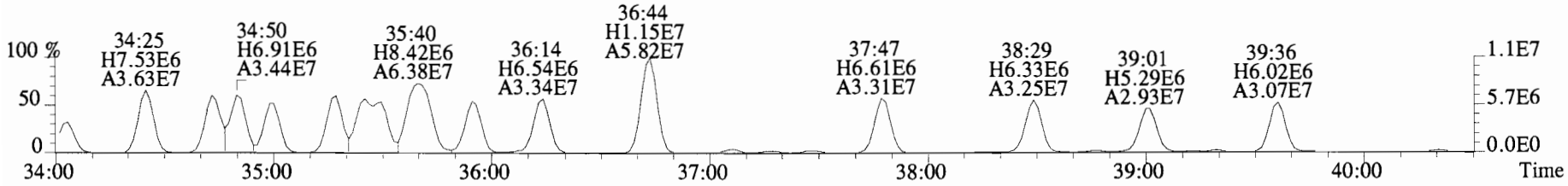
330.9792 S:2 F:3



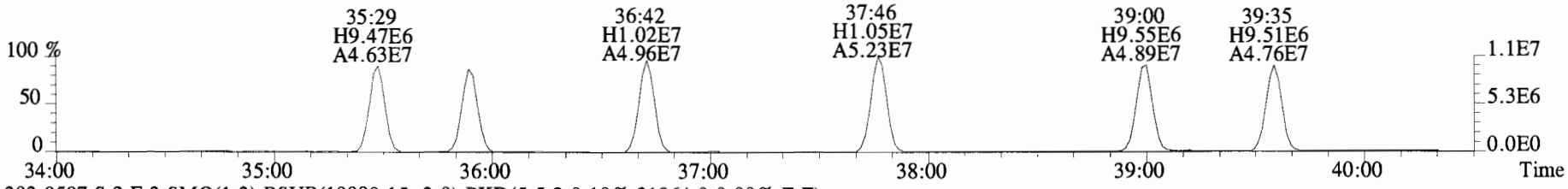
File:180302E1 #1-756 Acq: 2-MAR-2018 11:05:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BS1 OPR 1 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16640.0,0.00%,F,F)



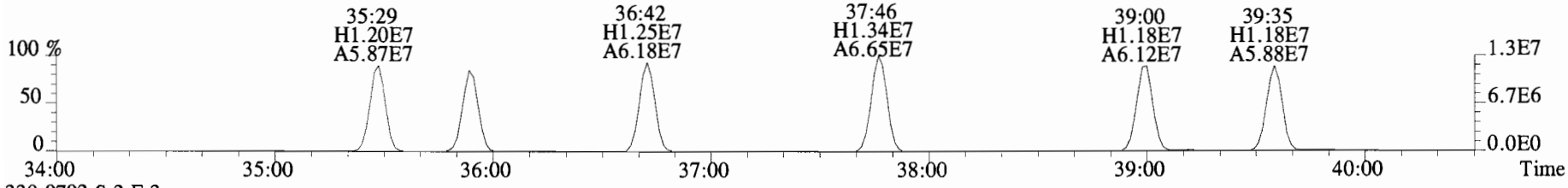
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27008.0,0.00%,F,F)



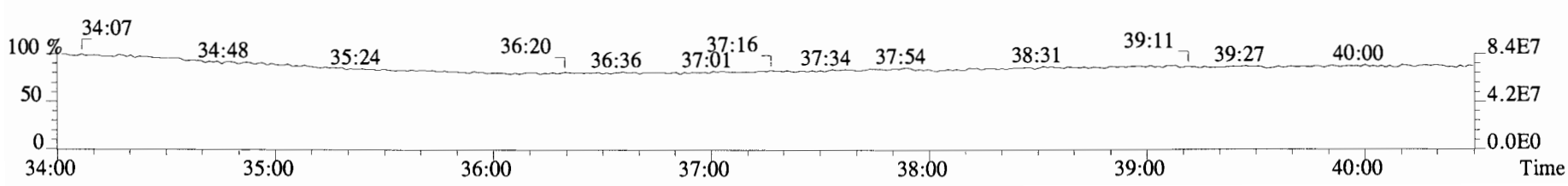
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43464.0,0.00%,F,F)



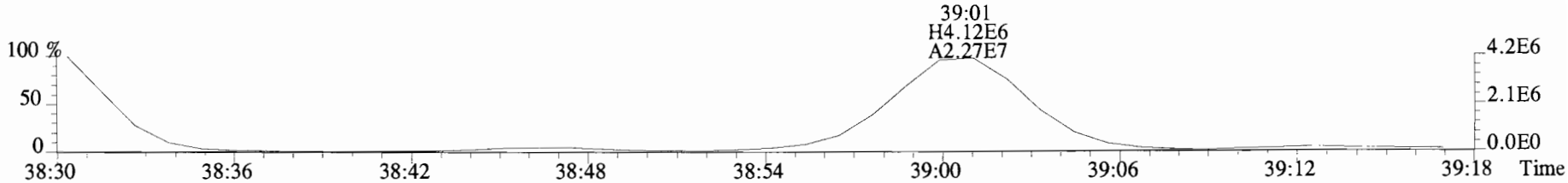
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21964.0,0.00%,F,F)



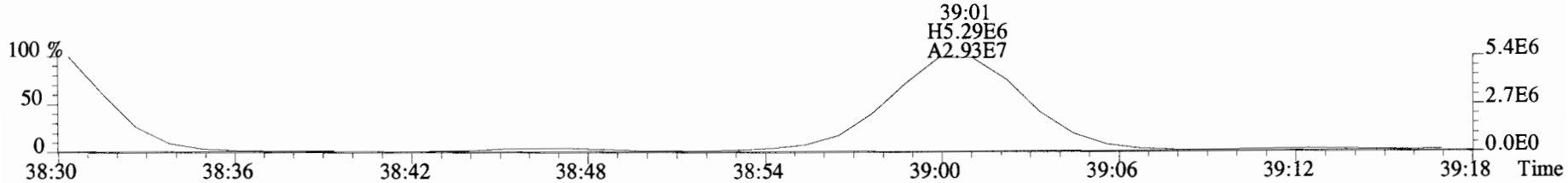
330.9792 S:2 F:3



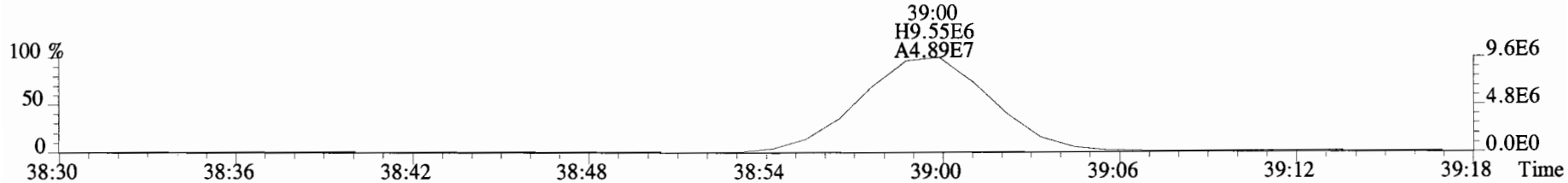
File:180302E1 #1-756 Acq: 2-MAR-2018 11:05:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BS1 OPR 1 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16640.0,0.00%,F,F)



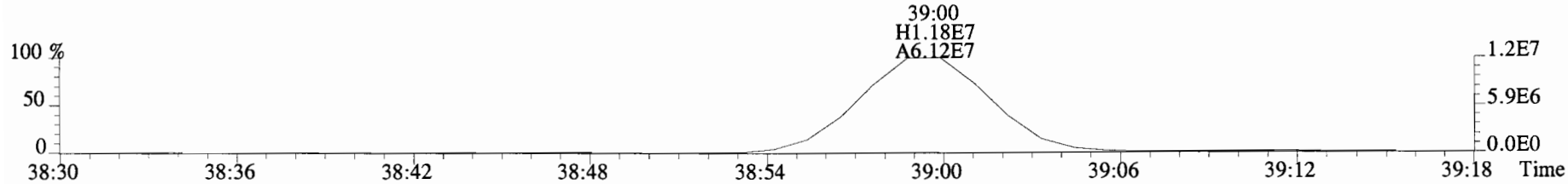
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27008.0,0.00%,F,F)



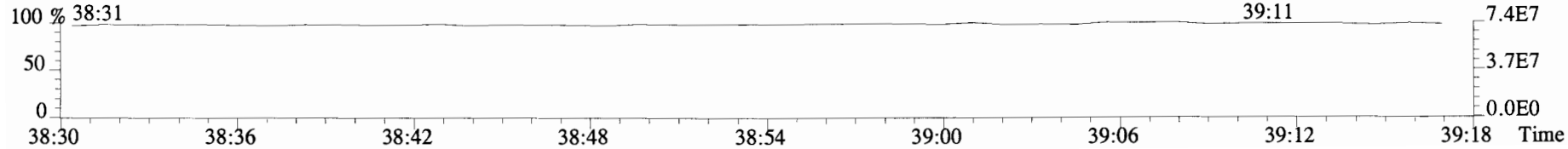
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43464.0,0.00%,F,F)



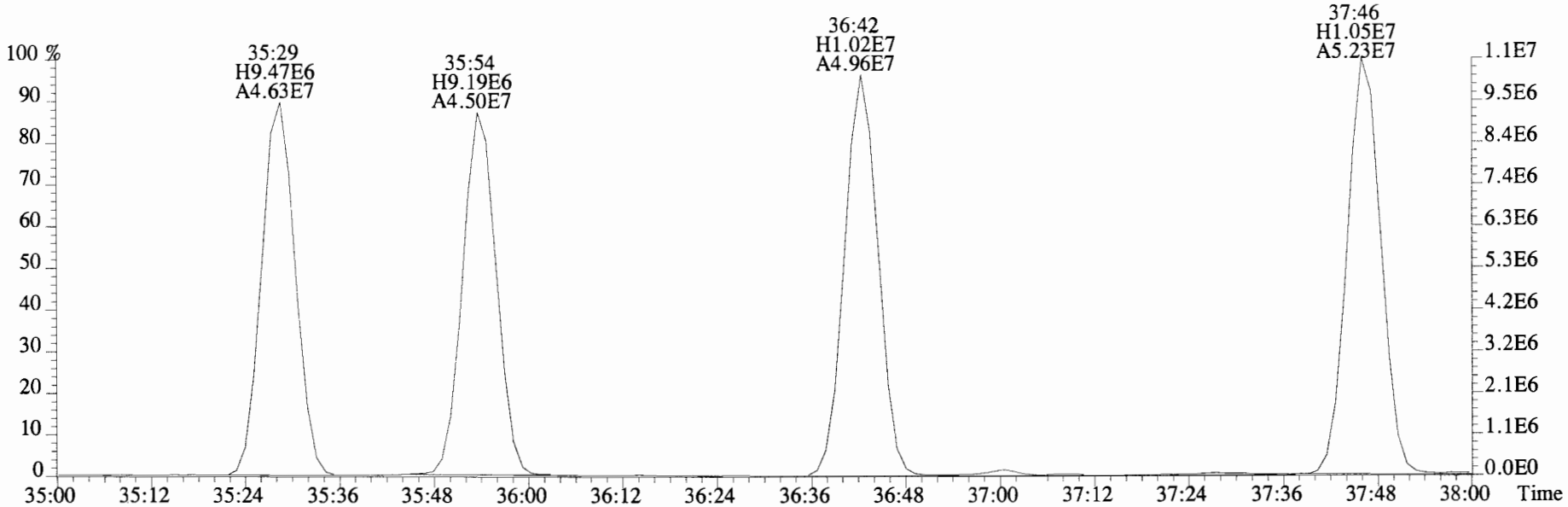
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21964.0,0.00%,F,F)



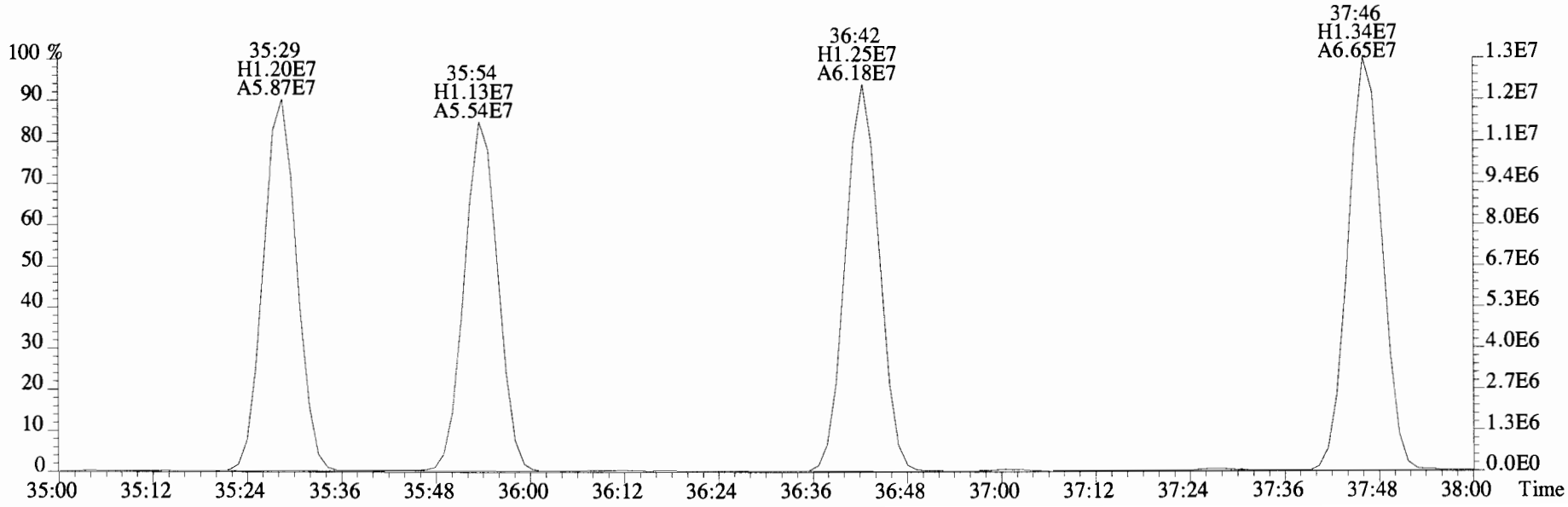
330.9792 S:2 F:3



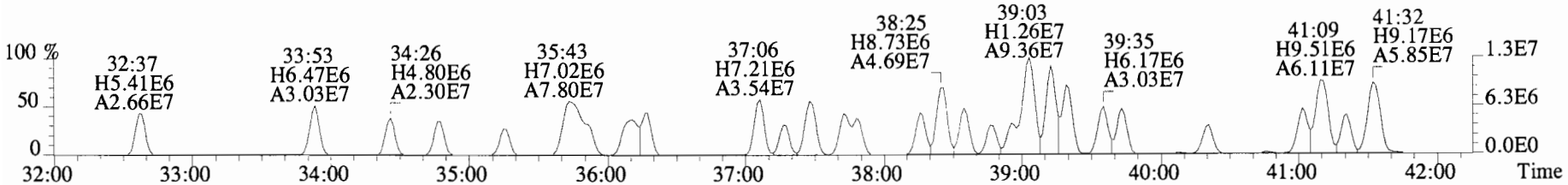
File:180302E1 #1-756 Acq: 2-MAR-2018 11:05:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BS1 OPR 1 Exp:PCB_ZB1
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43464.0,0.00%,F,F)



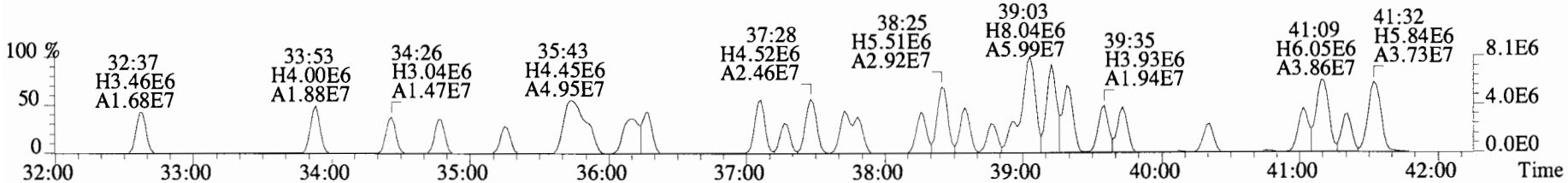
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21964.0,0.00%,F,F)



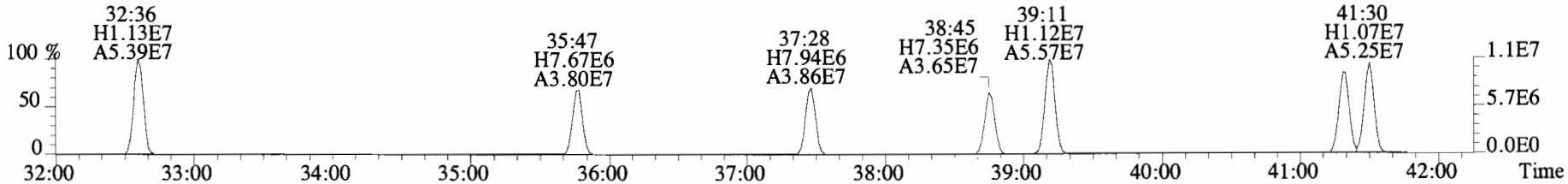
File:180302E1 #1-756 Acq: 2-MAR-2018 11:05:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BS1 OPR 1 Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2724.0,0.00%,F,F)



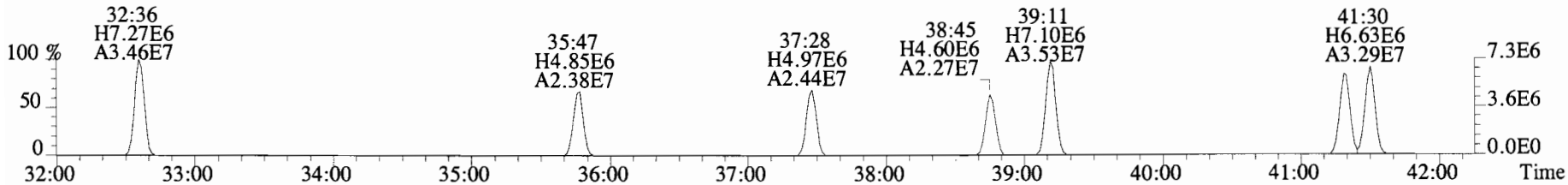
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2144.0,0.00%,F,F)



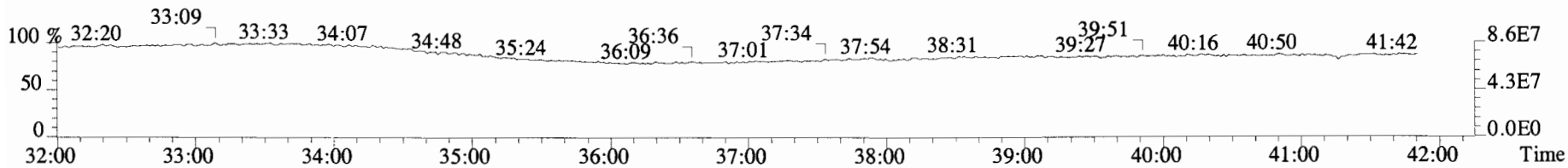
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4560.0,0.00%,F,F)



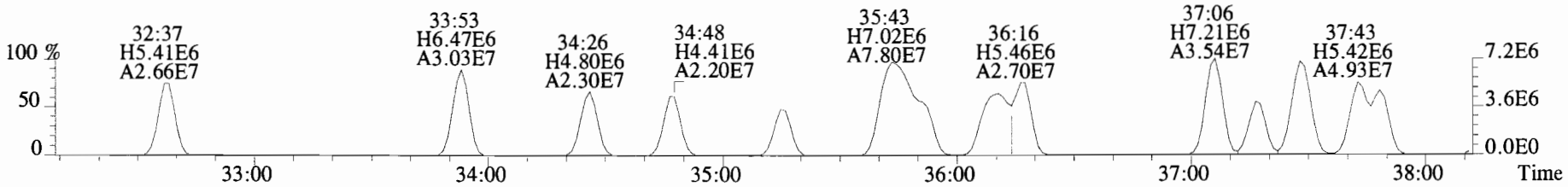
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3708.0,0.00%,F,F)



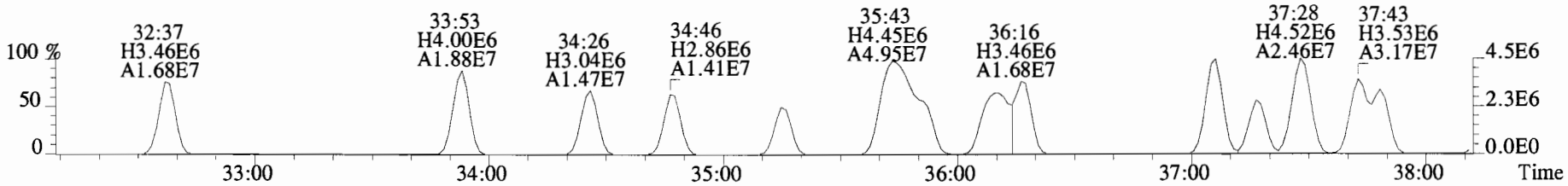
330.9792 S:2 F:3



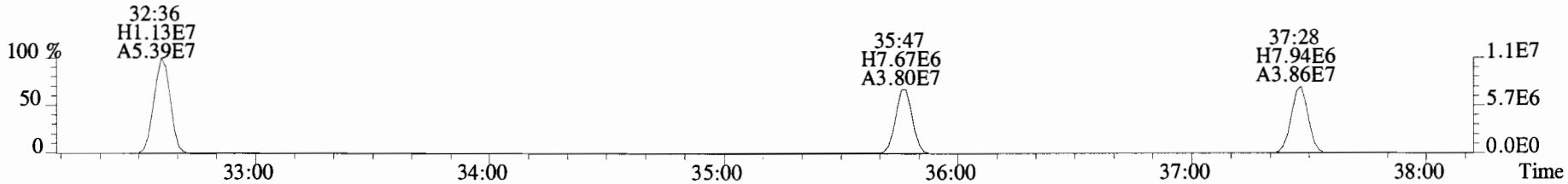
File:180302E1 #1-756 Acq: 2-MAR-2018 11:05:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BS1 OPR 1 Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2724.0,0.00%,F,F)



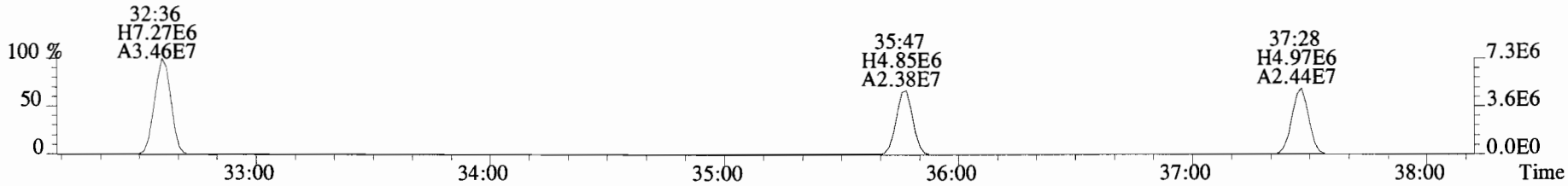
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2144.0,0.00%,F,F)



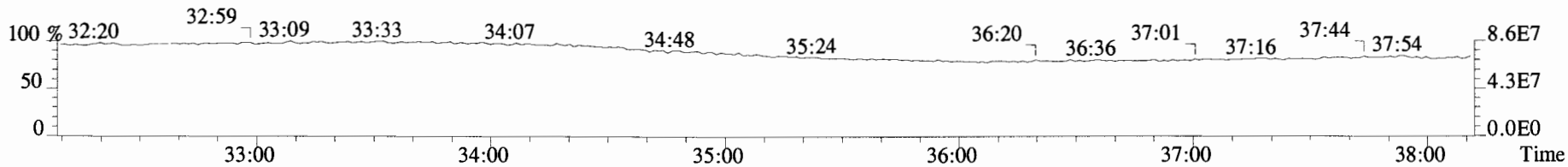
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4560.0,0.00%,F,F)



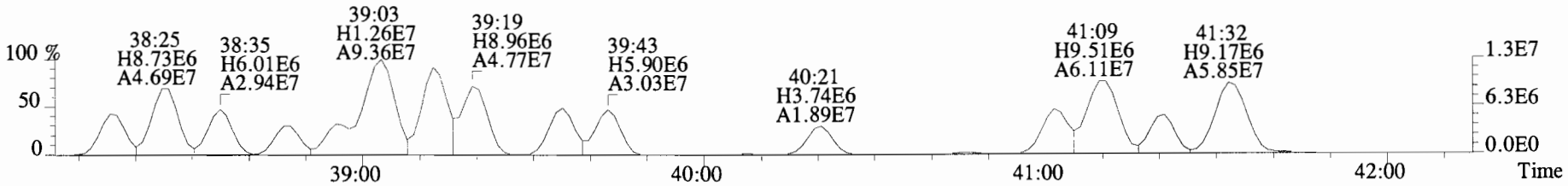
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3708.0,0.00%,F,F)



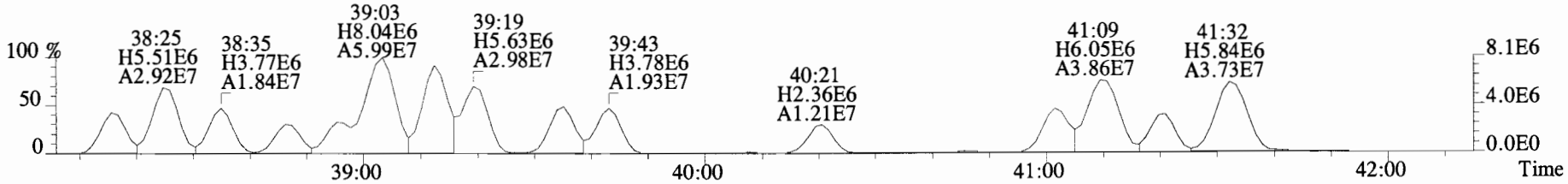
330.9792 S:2 F:3



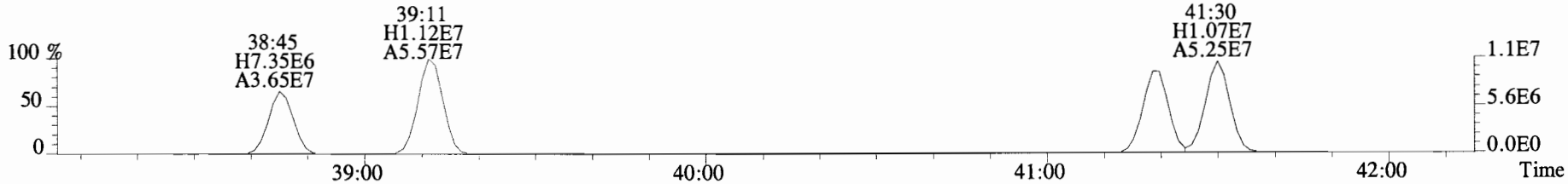
File:180302E1 #1-756 Acq: 2-MAR-2018 11:05:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BS1 OPR 1 Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2724.0,0.00%,F,F)



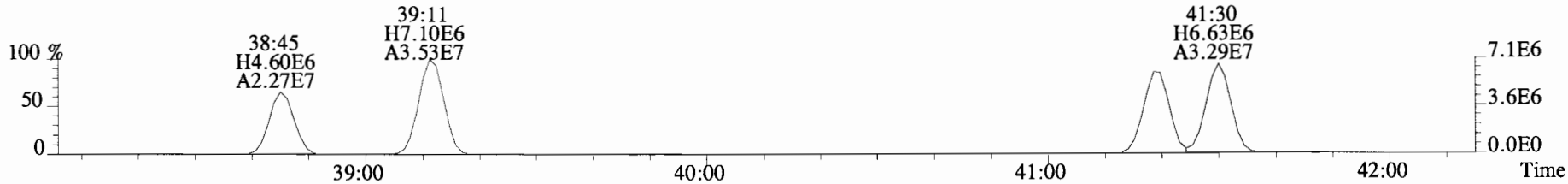
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2144.0,0.00%,F,F)



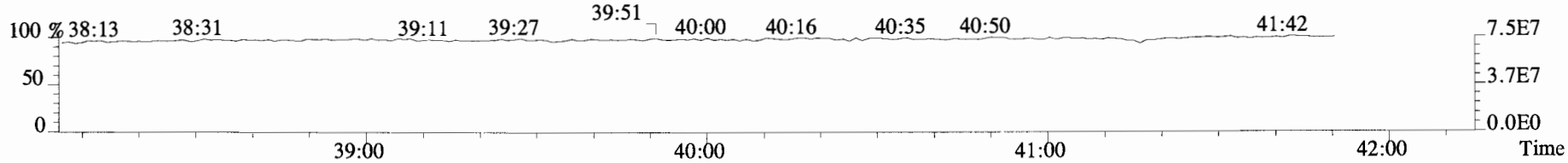
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4560.0,0.00%,F,F)



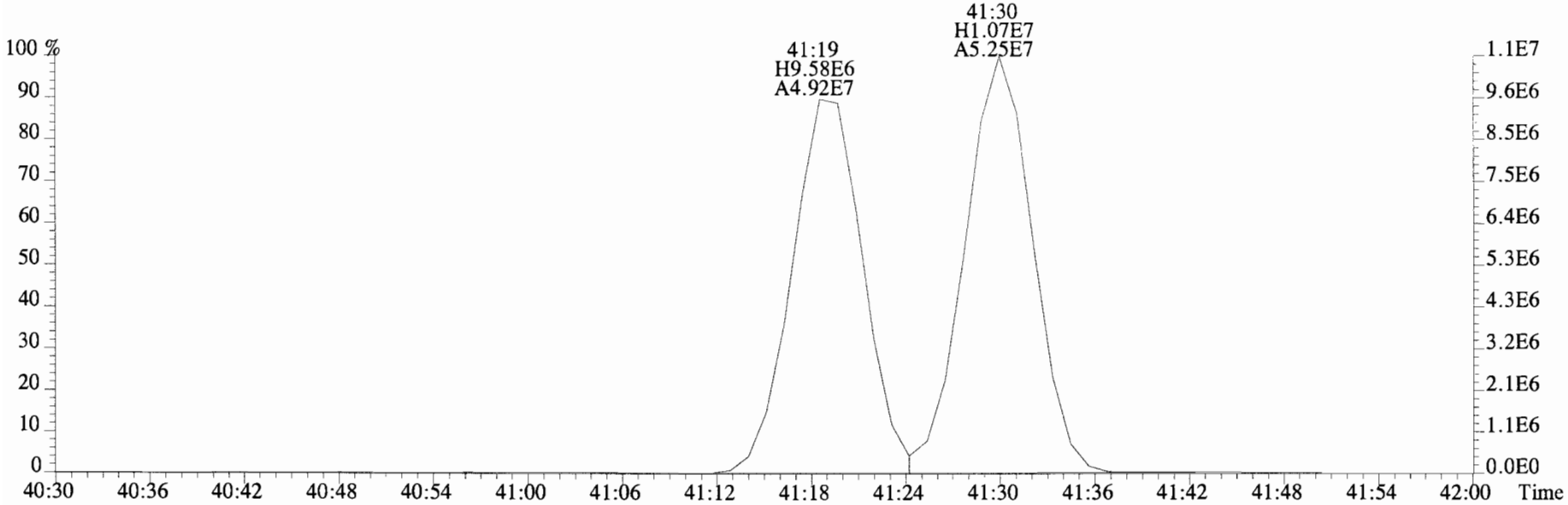
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3708.0,0.00%,F,F)



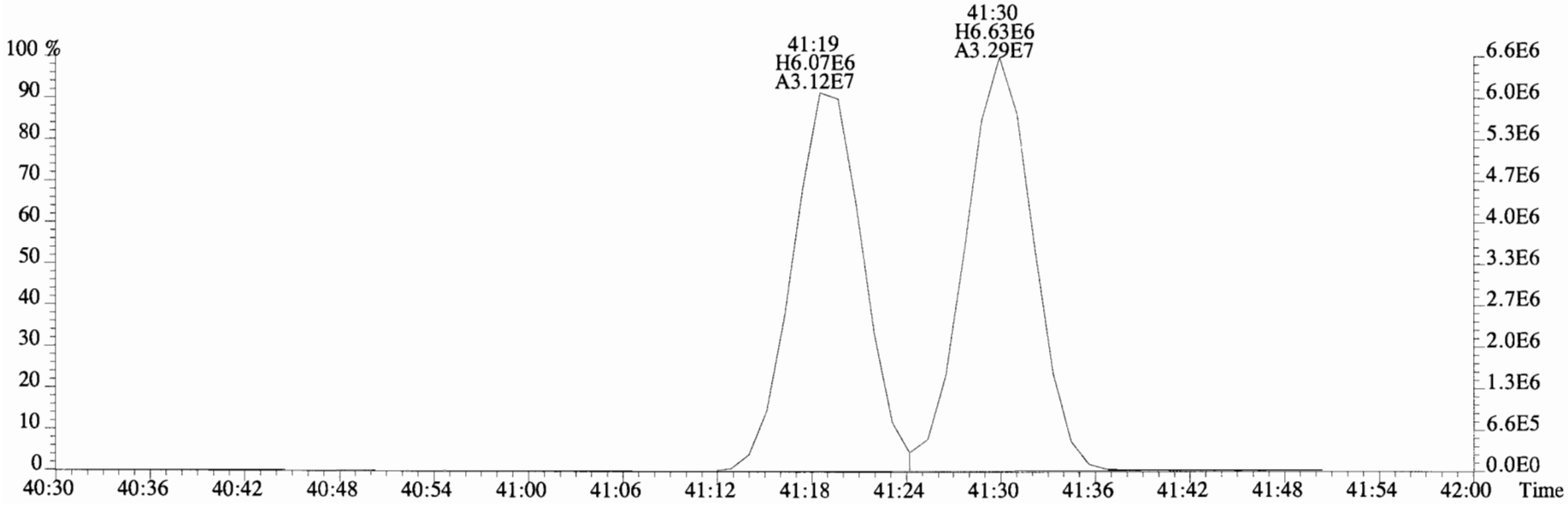
330.9792 S:2 F:3



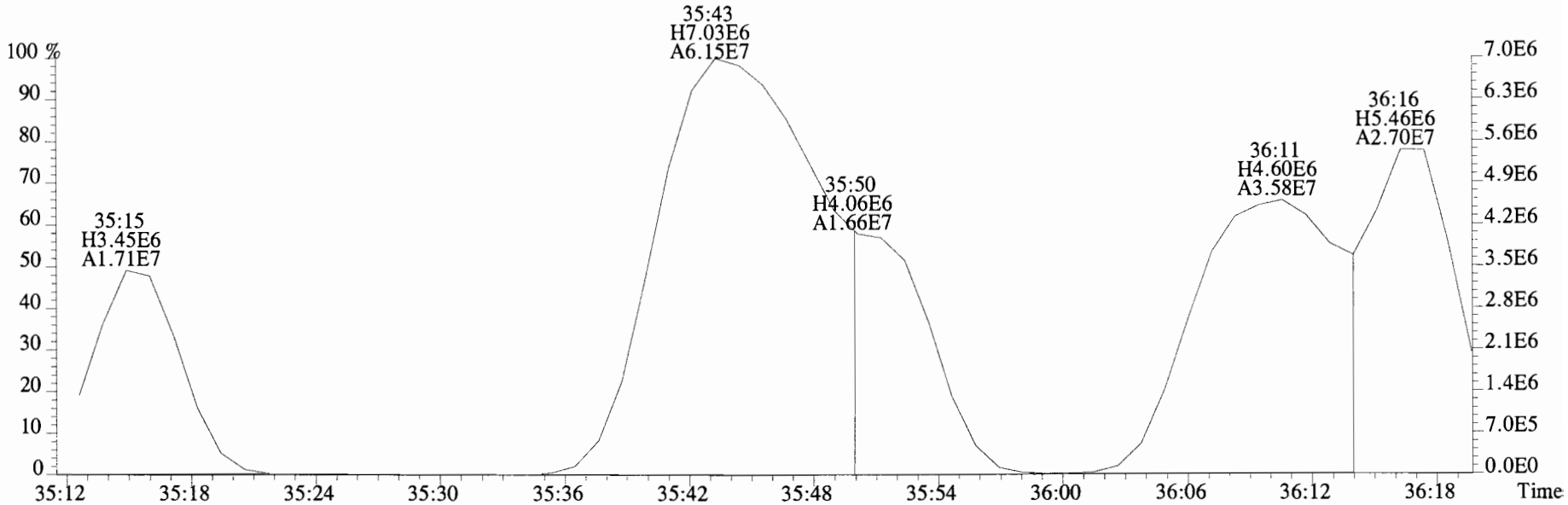
File:180302E1 #1-756 Acq: 2-MAR-2018 11:05:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BS1 OPR 1 Exp:PCB_ZB1
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4560.0,0.00%,F,F)



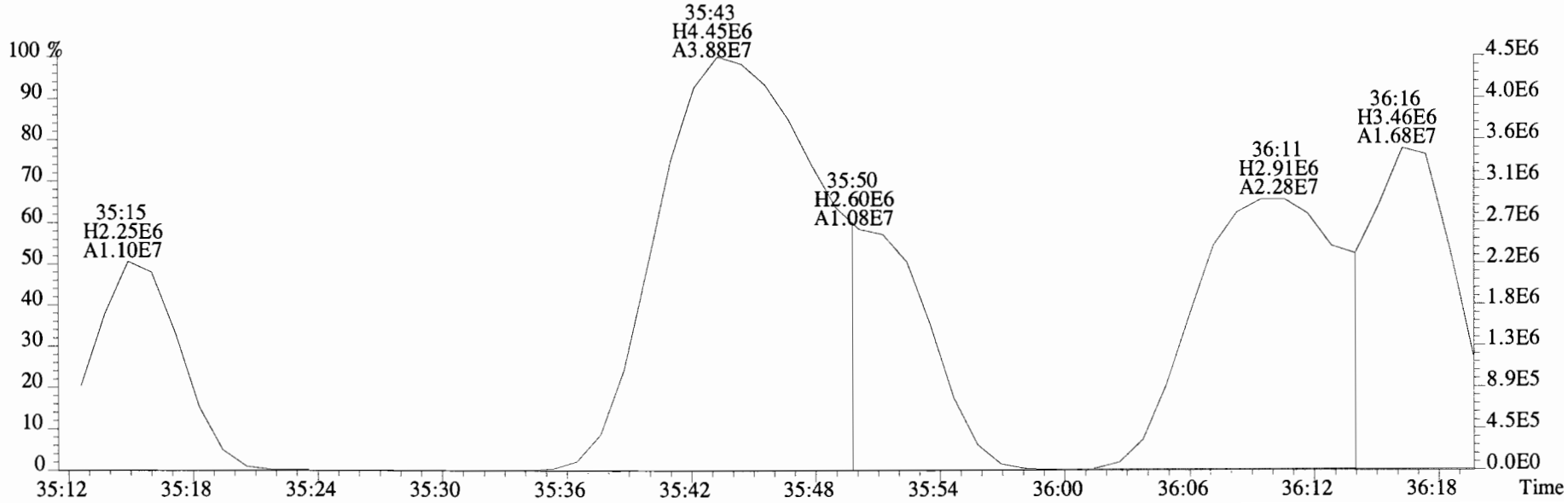
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3708.0,0.00%,F,F)



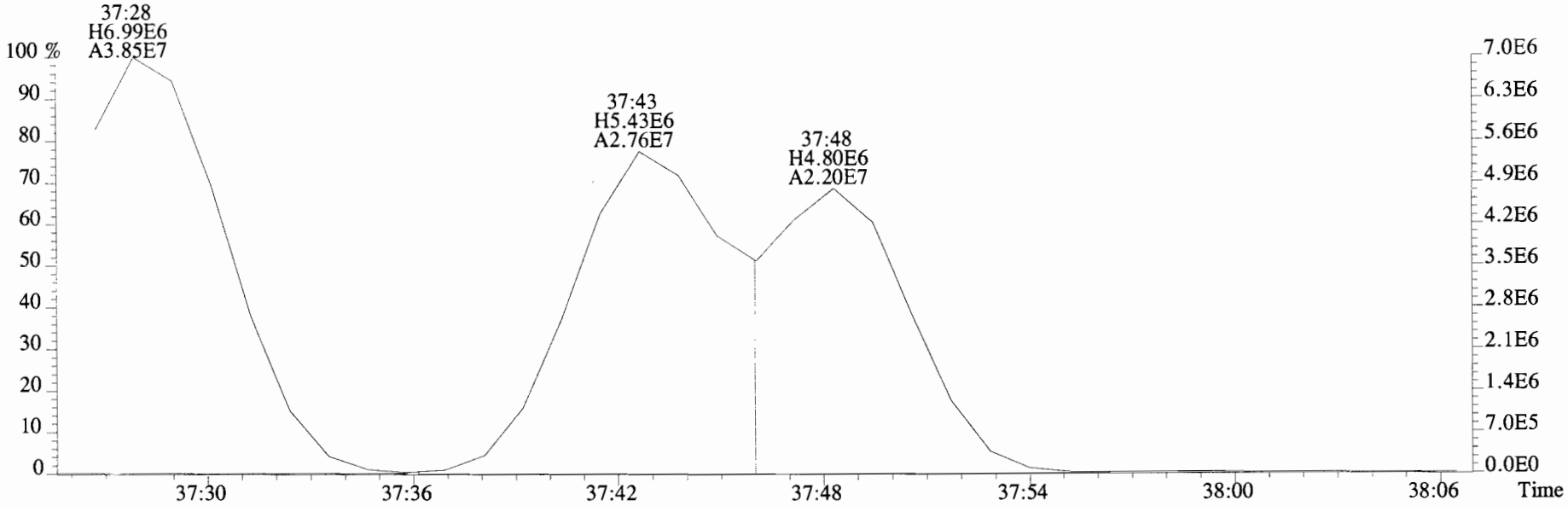
File:180302E1 #1-756 Acq: 2-MAR-2018 11:05:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BS1 OPR 1 Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2724.0,0.00%,F,F)



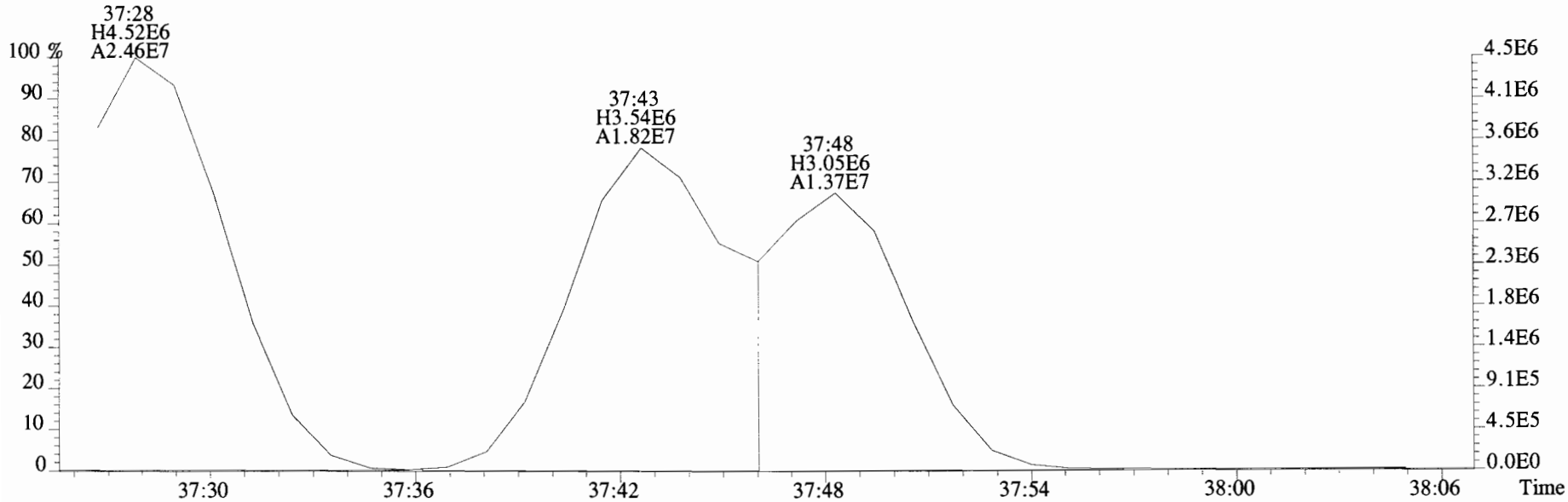
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2144.0,0.00%,F,F)



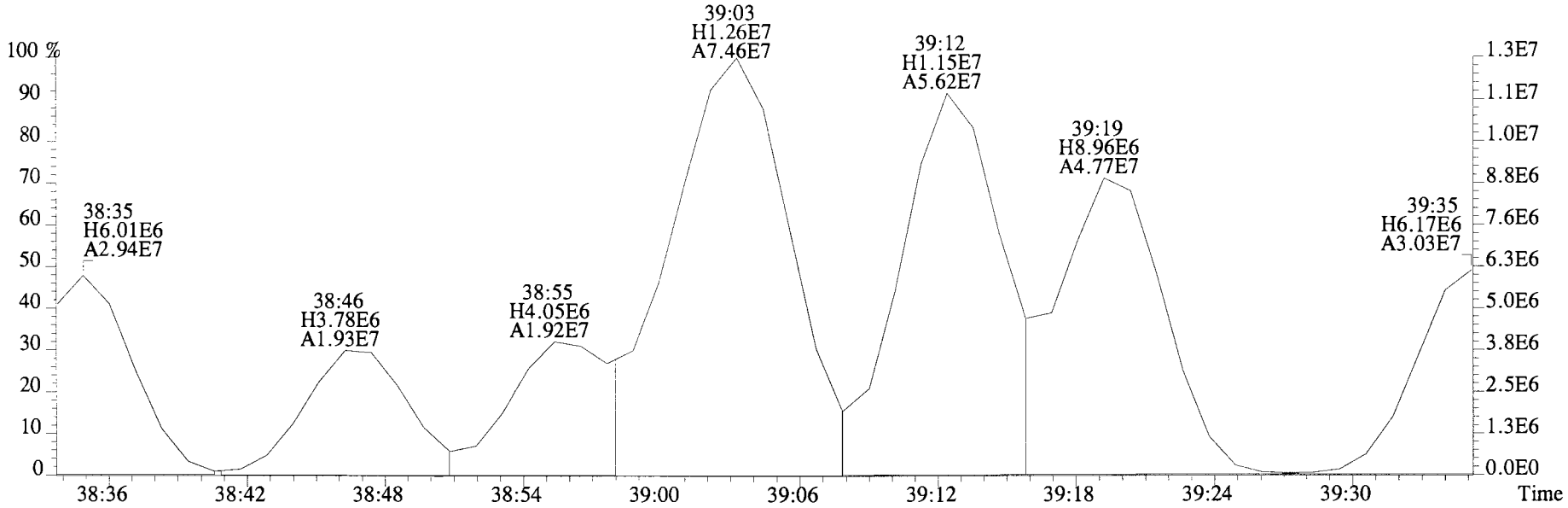
File:180302E1 #1-756 Acq: 2-MAR-2018 11:05:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BS1 OPR 1 Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2724.0,0.00%,F,F)



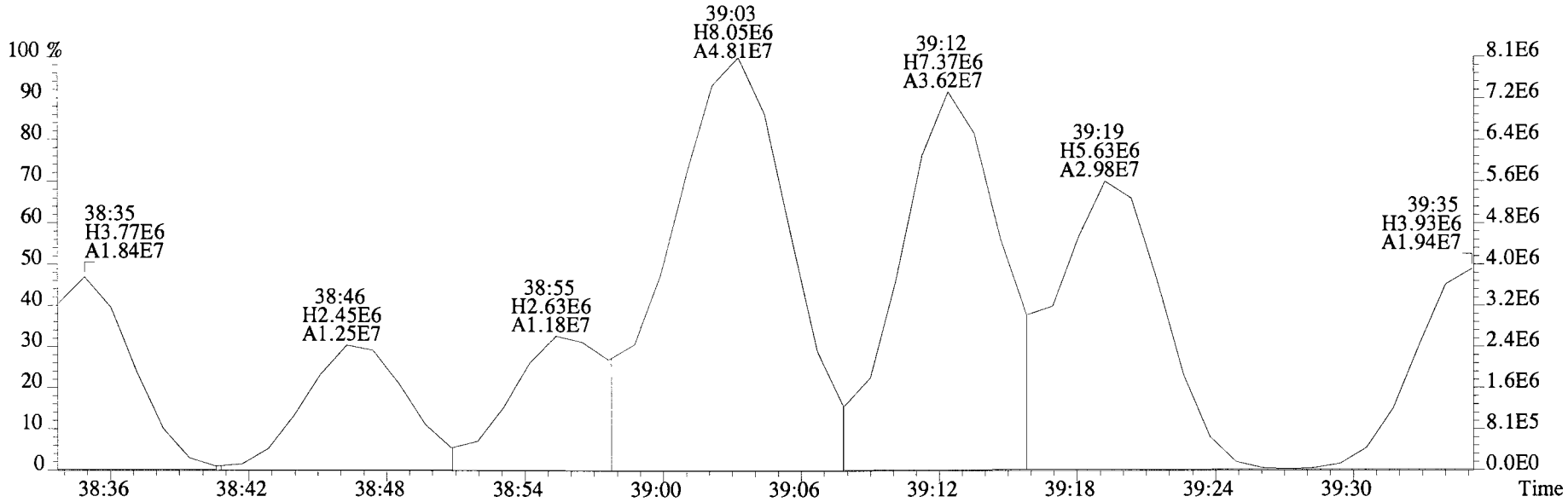
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2144.0,0.00%,F,F)



File:180302E1 #1-756 Acq: 2-MAR-2018 11:05:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BS1 OPR 1 Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2724.0,0.00%,F,F)

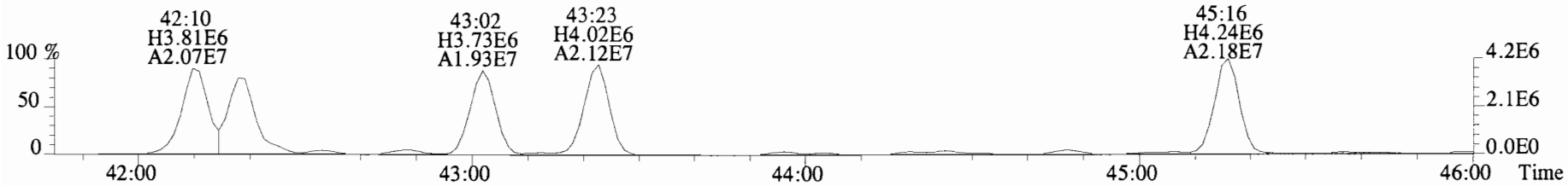


327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2144.0,0.00%,F,F)

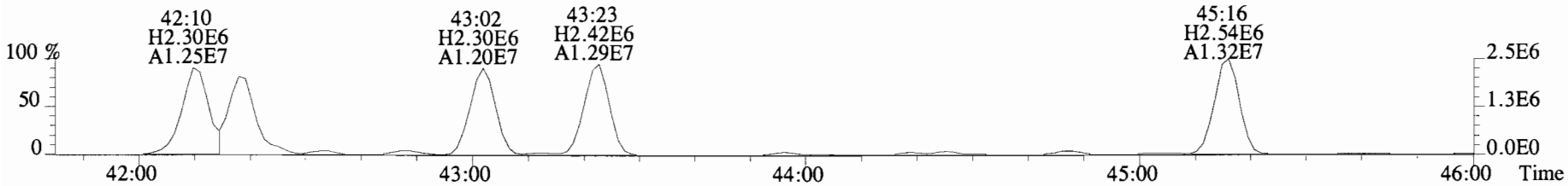


File:180302E1 #1-574 Acq: 2-MAR-2018 11:05:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BS1 OPR 1 Exp:PCB_ZB1

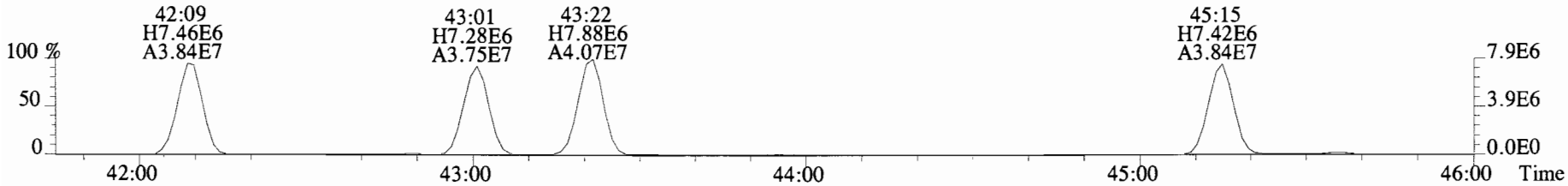
325.8804 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3928.0,0.00%,F,F)



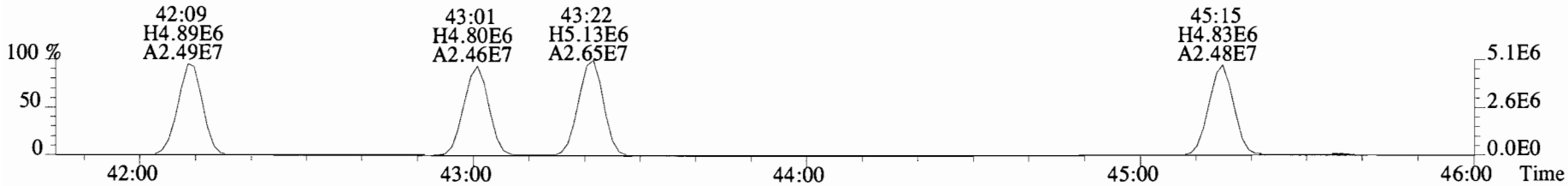
327.8775 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3692.0,0.00%,F,F)



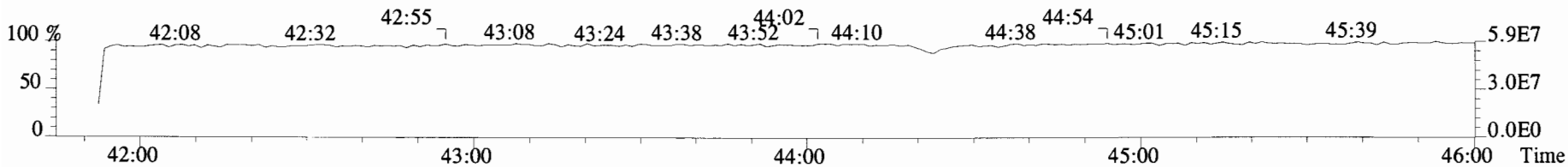
337.9207 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6200.0,0.00%,F,F)



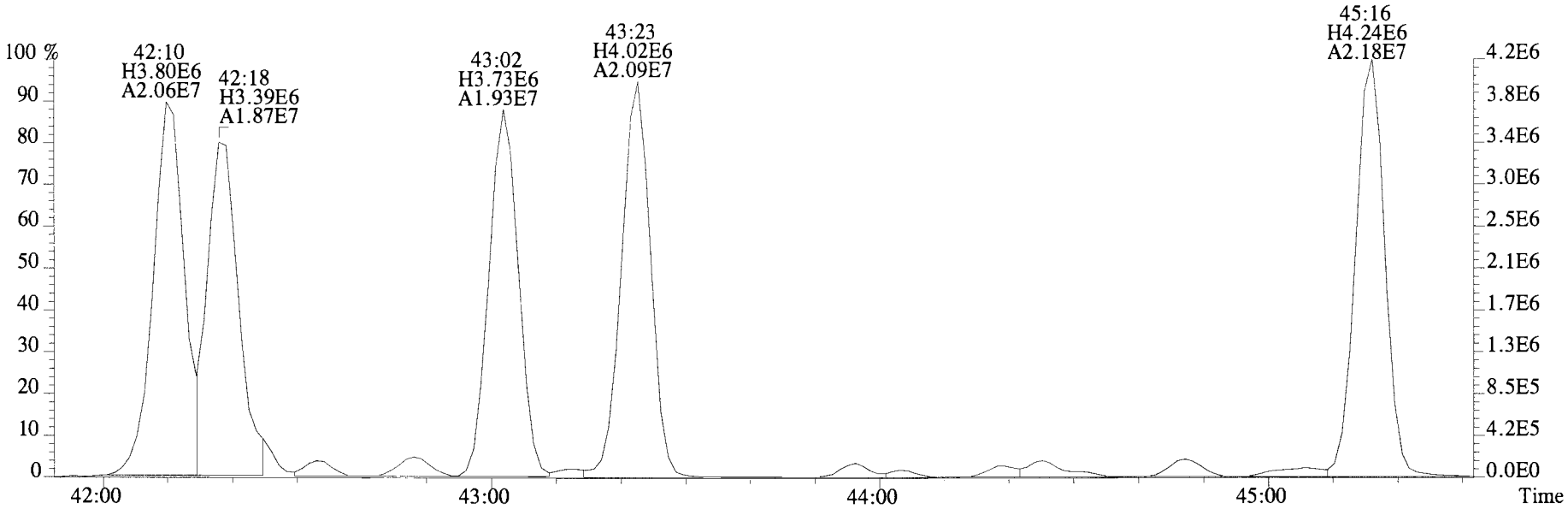
339.9177 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6240.0,0.00%,F,F)



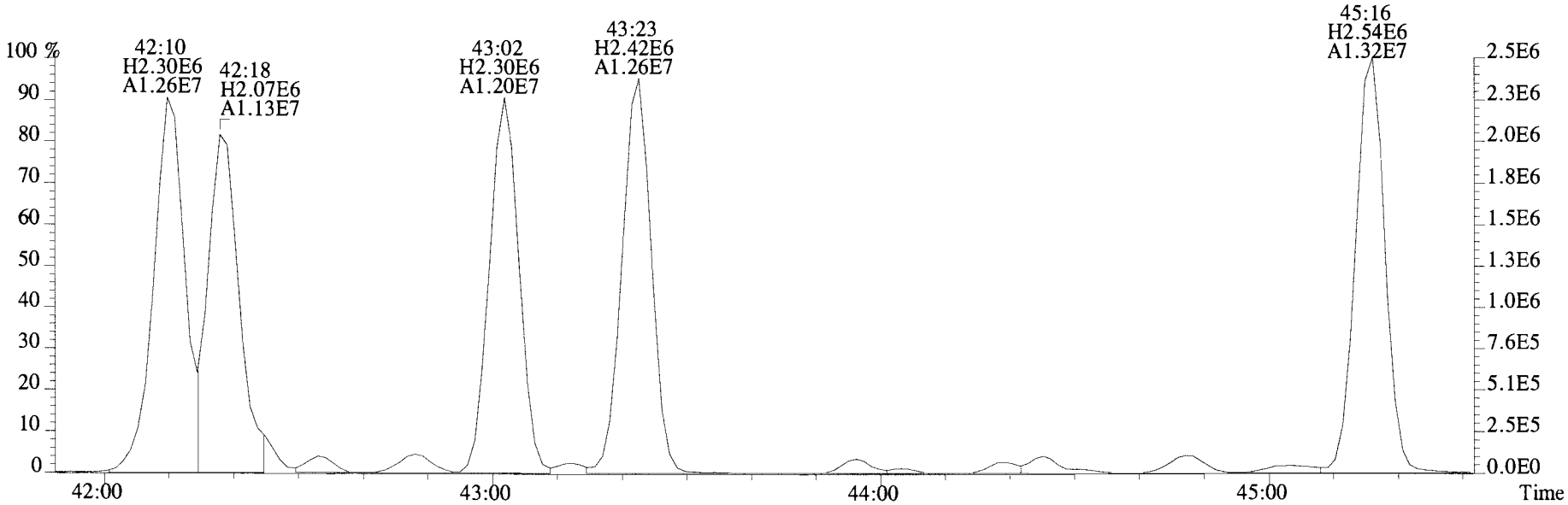
380.9760 S:2 F:4



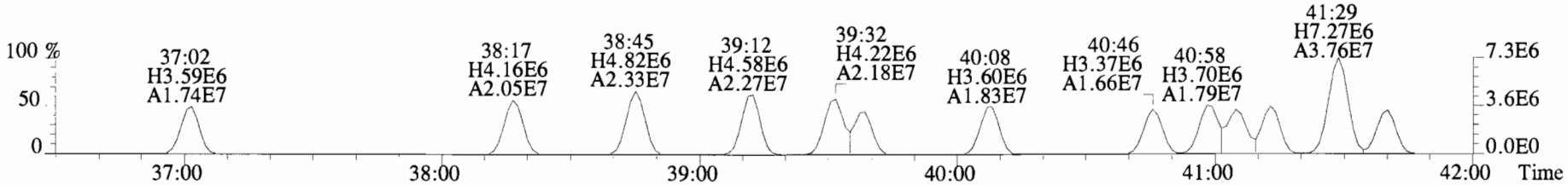
File:180302E1 #1-574 Acq: 2-MAR-2018 11:05:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BS1 OPR 1 Exp:PCB_ZB1
325.8804 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3928.0,0.00%,F,F)



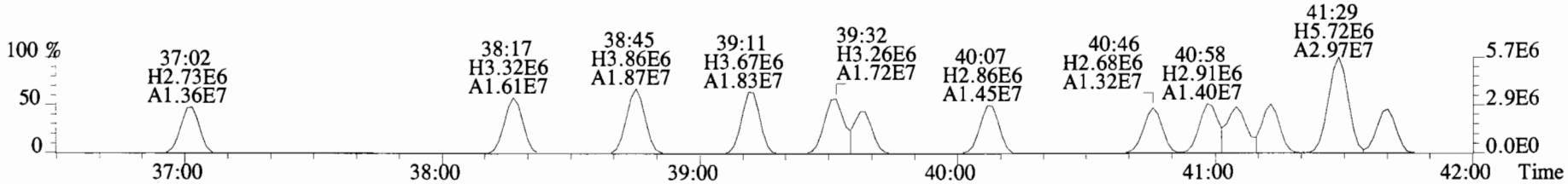
327.8775 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3692.0,0.00%,F,F)



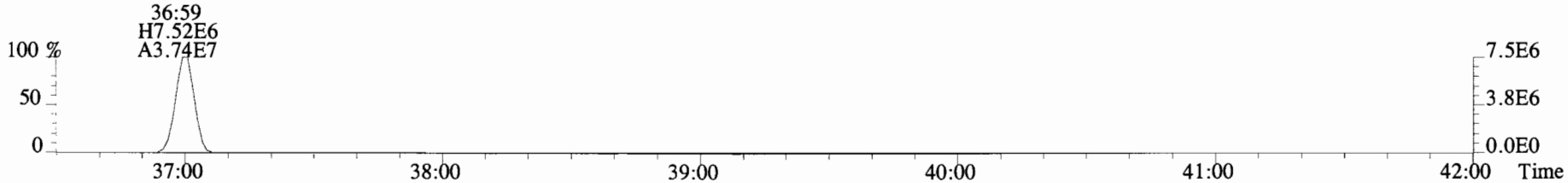
File:180302E1 #1-756 Acq: 2-MAR-2018 11:05:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BS1 OPR 1 Exp:PCB_ZB1
359.8415 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1636.0,0.00%,F,F)



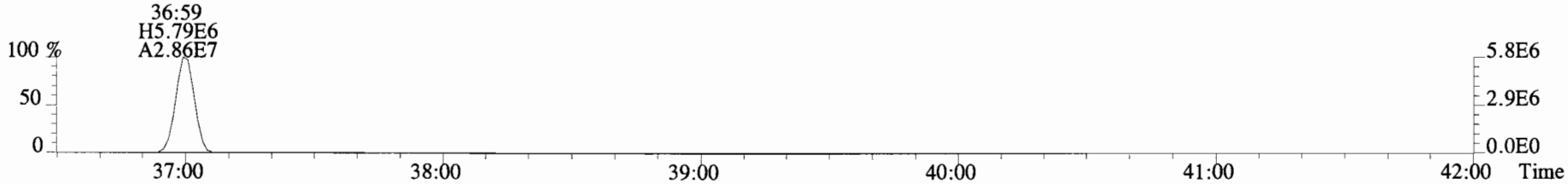
361.8385 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1600.0,0.00%,F,F)



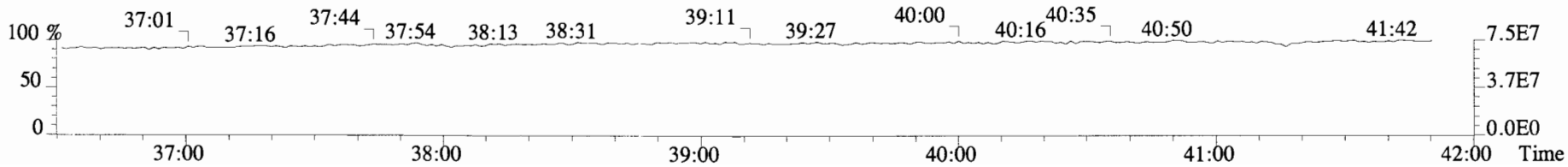
371.8817 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2116.0,0.00%,F,F)



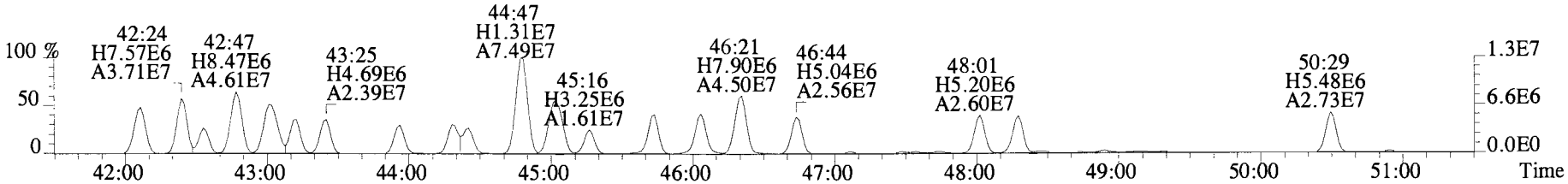
373.8788 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2276.0,0.00%,F,F)



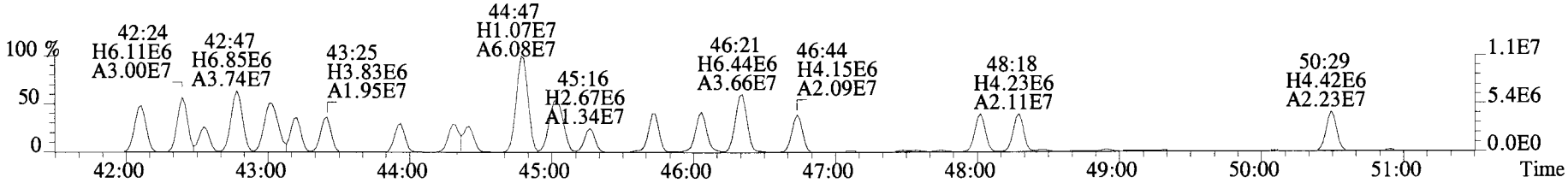
330.9792 S:2 F:3



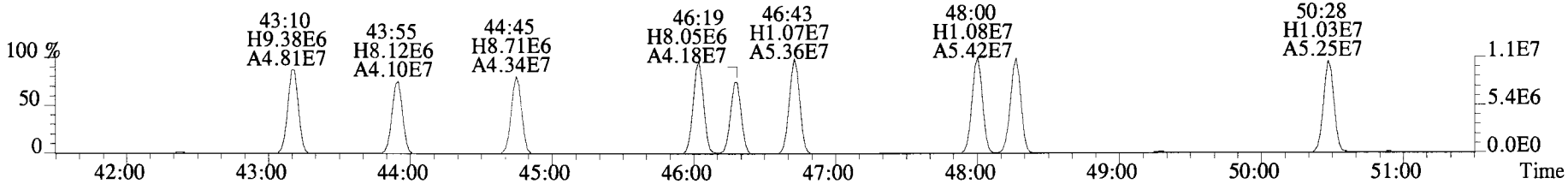
File:180302E1 #1-574 Acq: 2-MAR-2018 11:05:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BS1 OPR 1 Exp:PCB_ZB1
359.8415 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29328.0,0.00%,F,F)



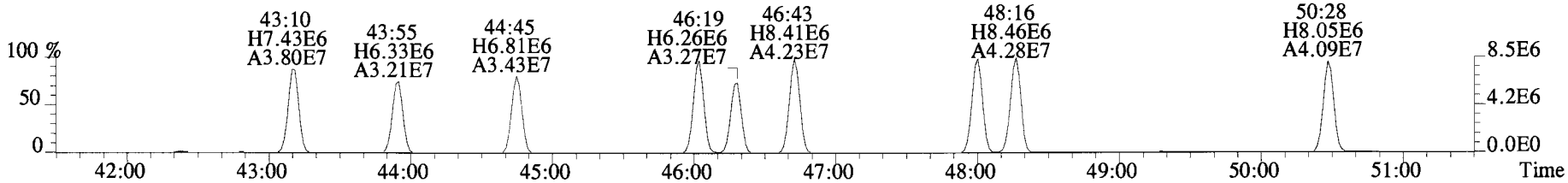
361.8385 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23476.0,0.00%,F,F)



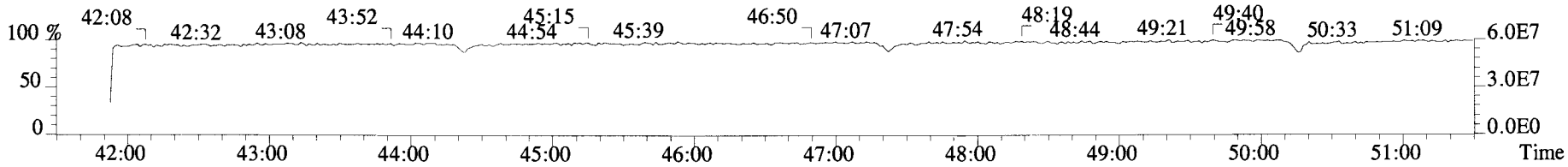
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11912.0,0.00%,F,F)



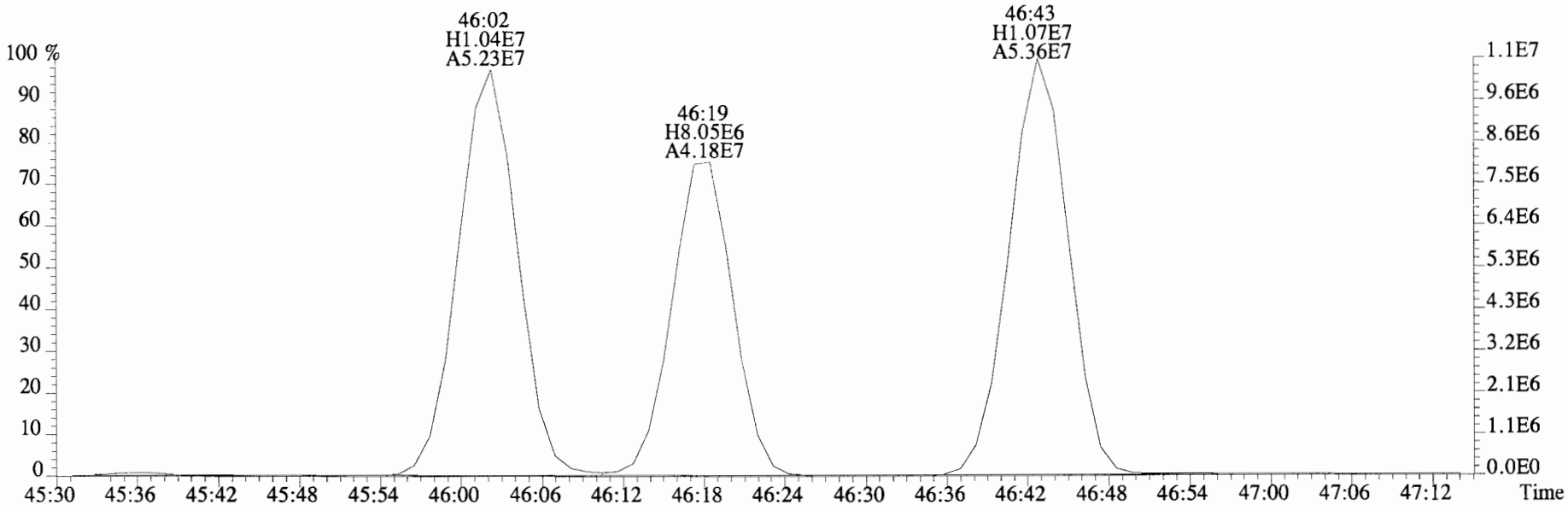
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11704.0,0.00%,F,F)



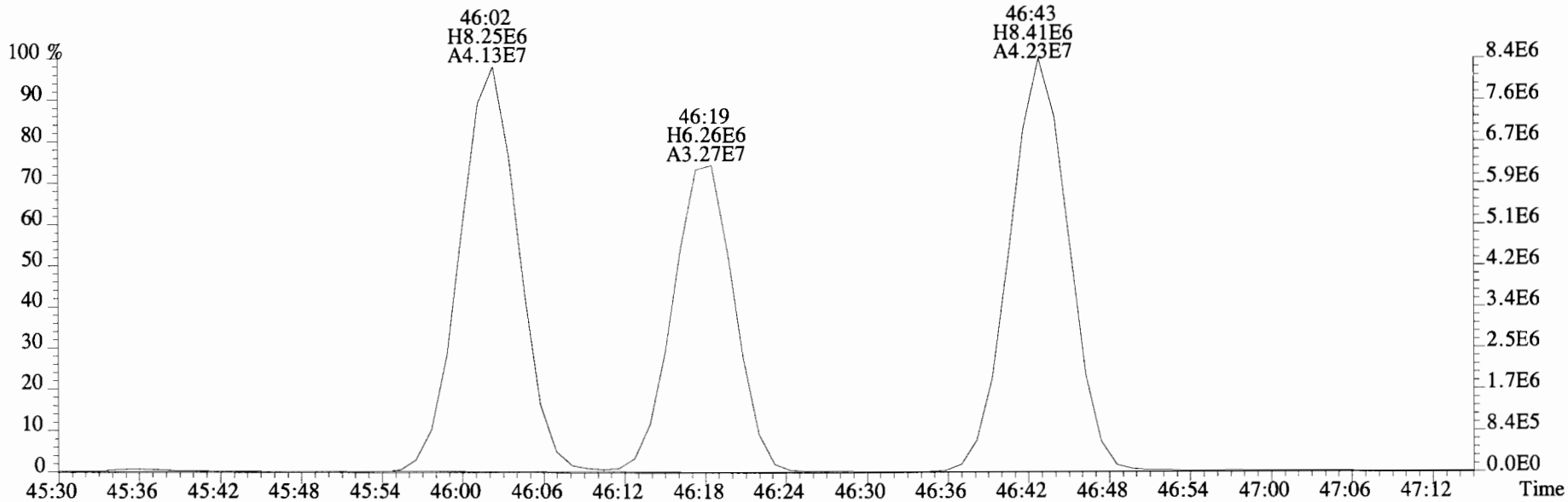
380.9760 S:2 F:4



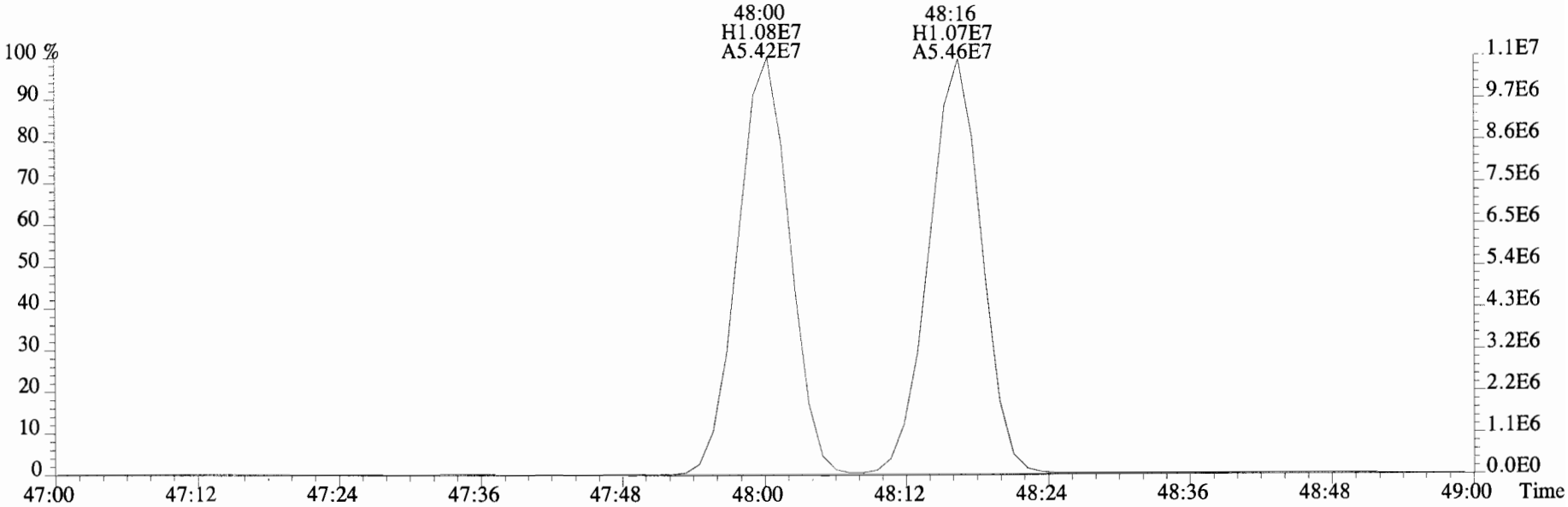
File:180302E1 #1-574 Acq: 2-MAR-2018 11:05:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BS1 OPR 1 Exp:PCB_ZB1
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11912.0,0.00%,F,F)



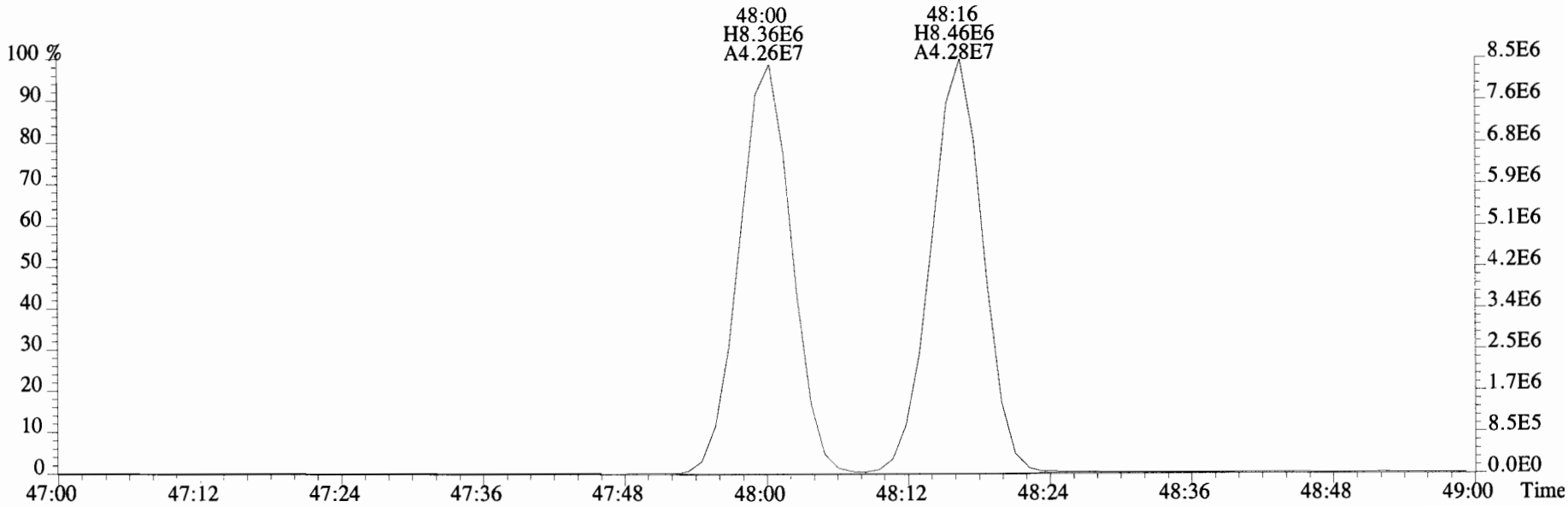
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11704.0,0.00%,F,F)



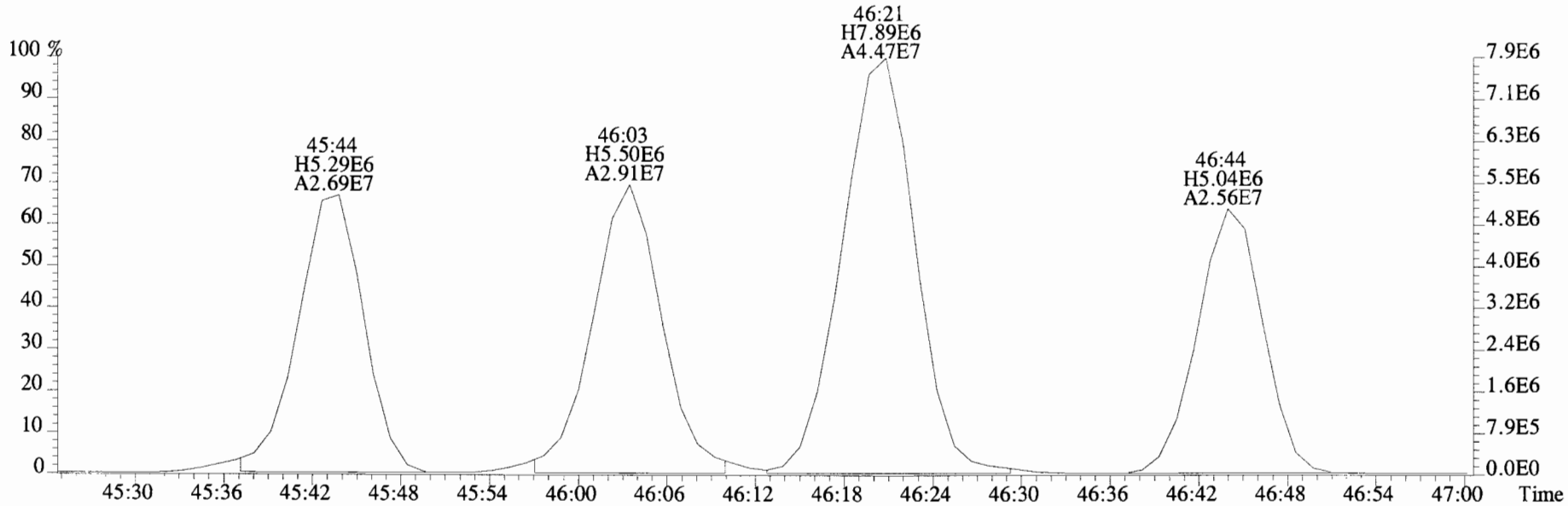
File:180302E1 #1-574 Acq: 2-MAR-2018 11:05:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BS1 OPR 1 Exp:PCB_ZB1
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11912.0,0.00%,F,F)



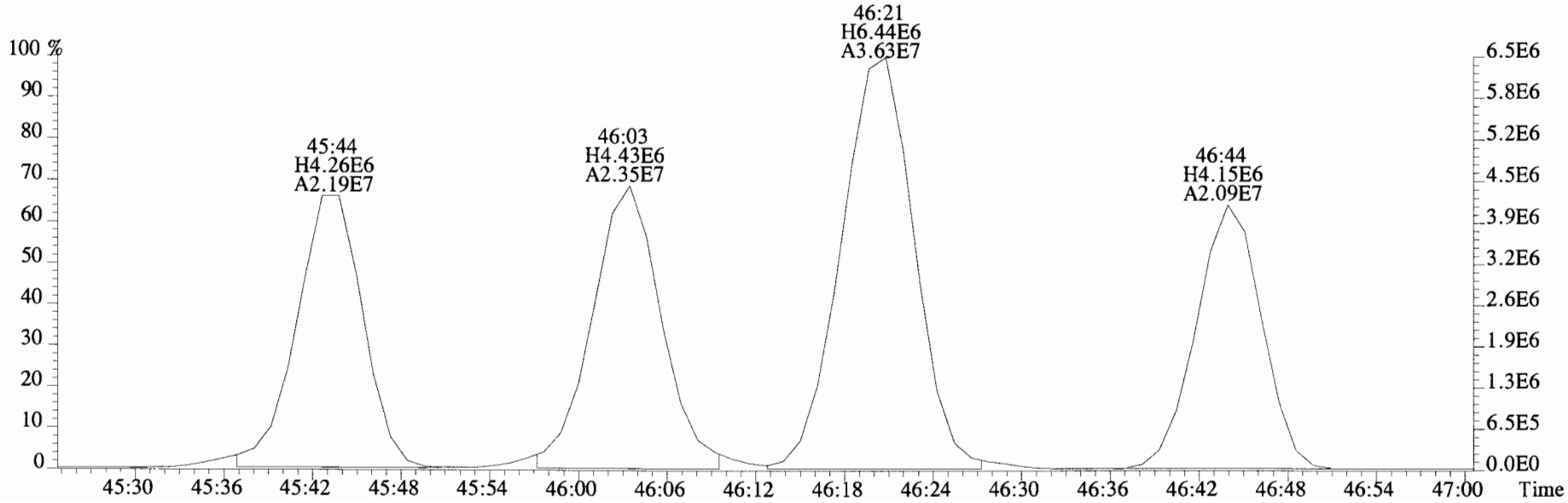
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11704.0,0.00%,F,F)



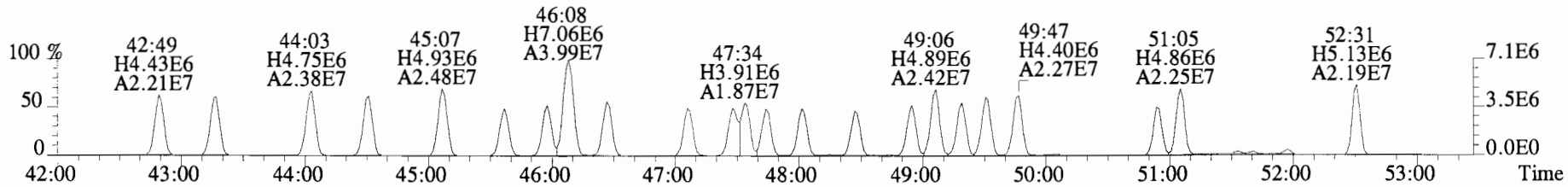
File:180302E1 #1-574 Acq: 2-MAR-2018 11:05:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BS1 OPR 1 Exp:PCB_ZB1
359.8415 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29328.0,0.00%,F,F)



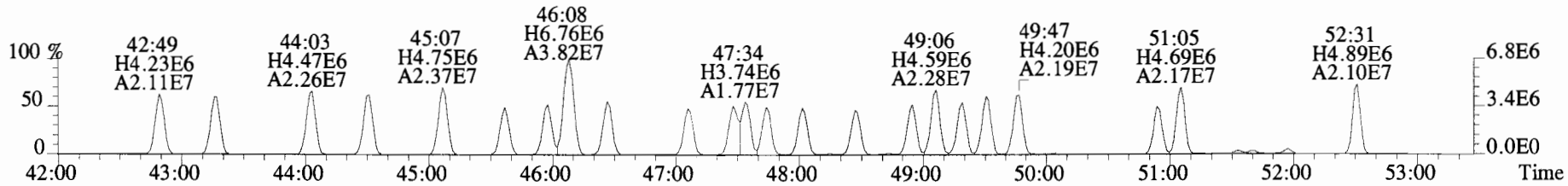
361.8385 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23476.0,0.00%,F,F)



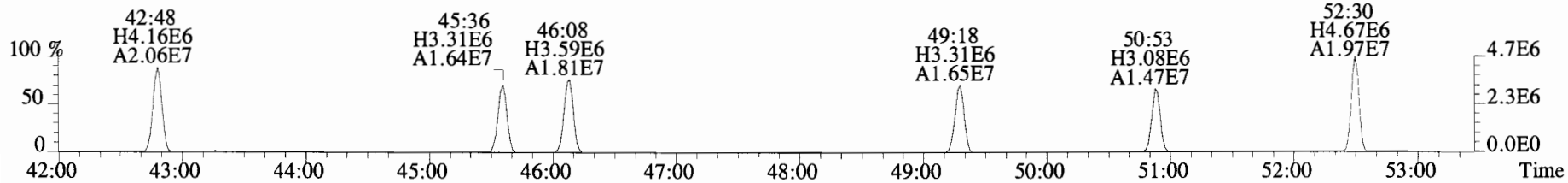
File:180302E1 #1-574 Acq: 2-MAR-2018 11:05:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BS1 OPR 1 Exp:PCB_ZB1
393.8025 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24208.0,0.00%,F,F)



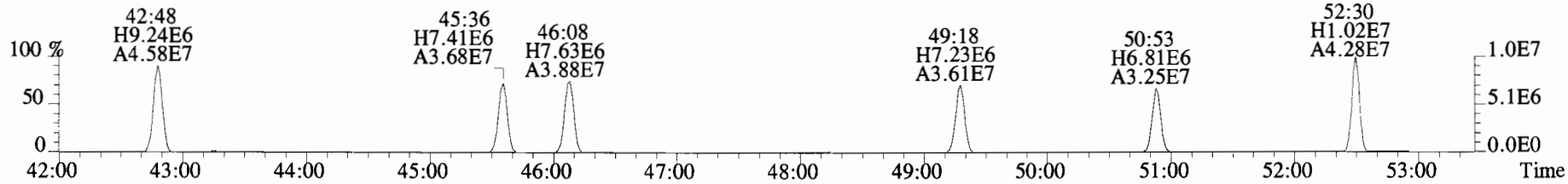
395.7995 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20080.0,0.00%,F,F)



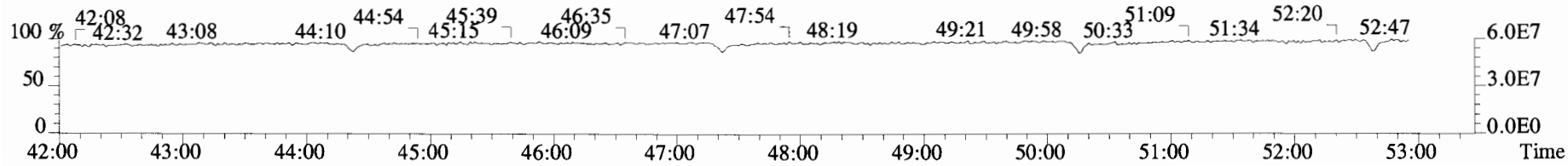
403.8457 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4208.0,0.00%,F,F)



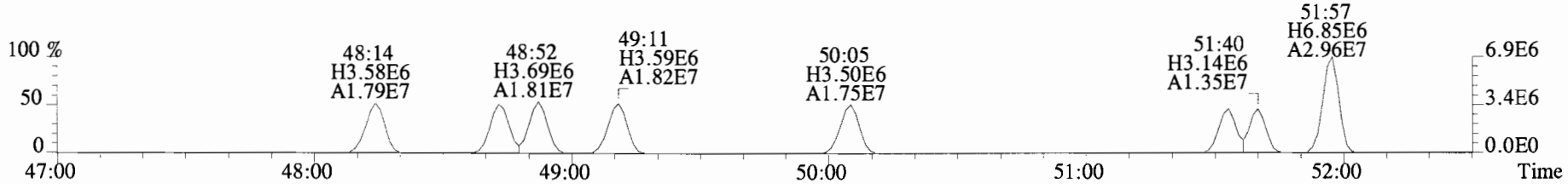
405.8428 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9268.0,0.00%,F,F)



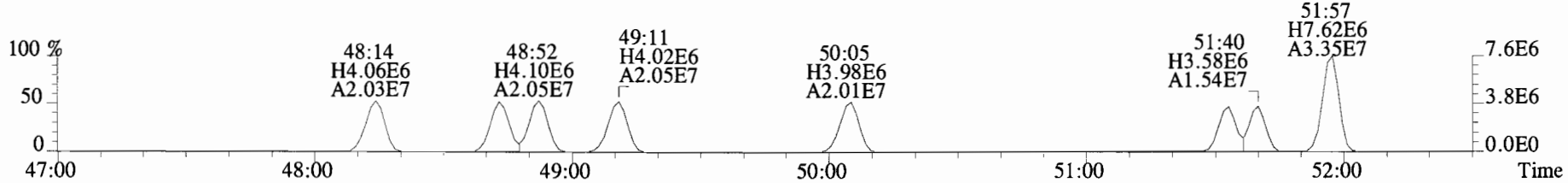
380.9760 S:2 F:4



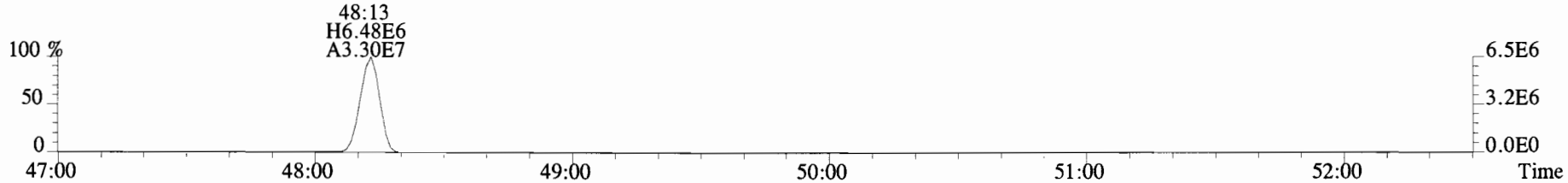
File:180302E1 #1-574 Acq: 2-MAR-2018 11:05:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BS1 OPR 1 Exp:PCB_ZB1
427.7635 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1280.0,0.00%,F,F)



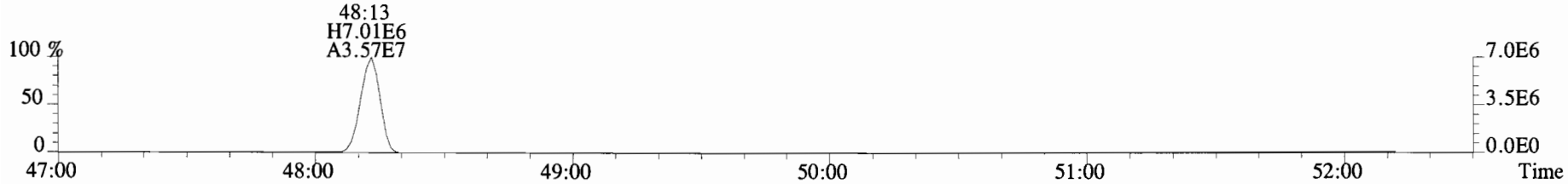
429.7606 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1548.0,0.00%,F,F)



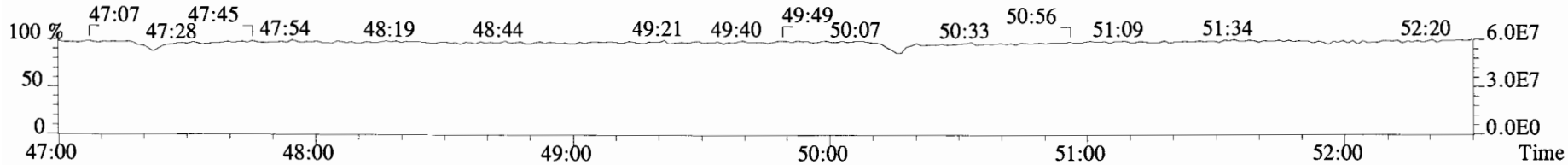
439.8038 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1792.0,0.00%,F,F)



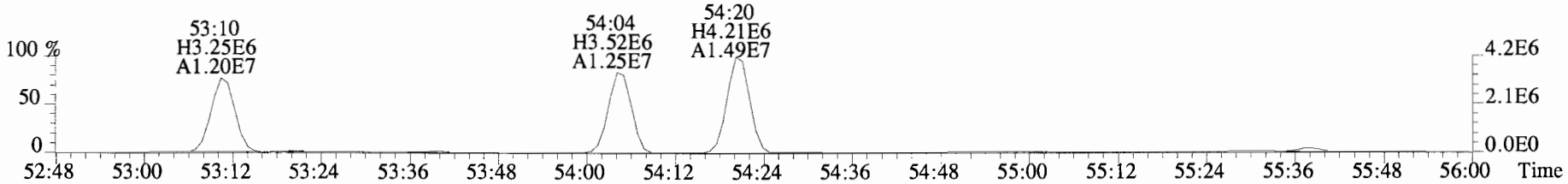
441.8008 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2324.0,0.00%,F,F)



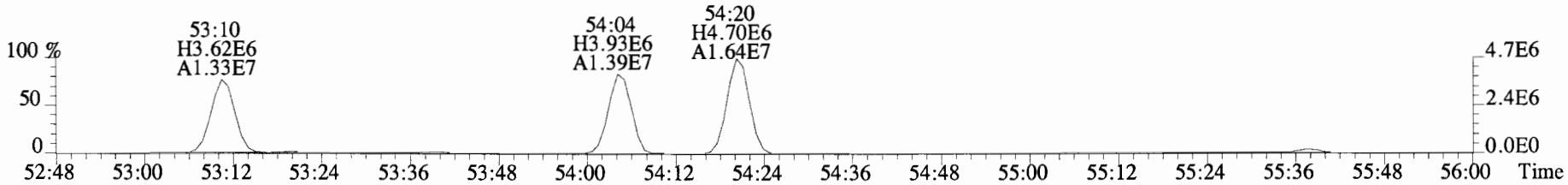
380.9760 S:2 F:4



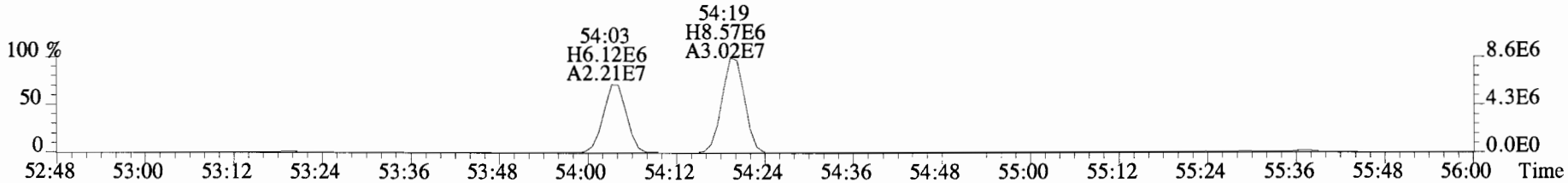
File:180302E1 #1-407 Acq: 2-MAR-2018 11:05:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BS1 OPR 1 Exp:PCB_ZB1
427.7635 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15060.0,0.00%,F,F)



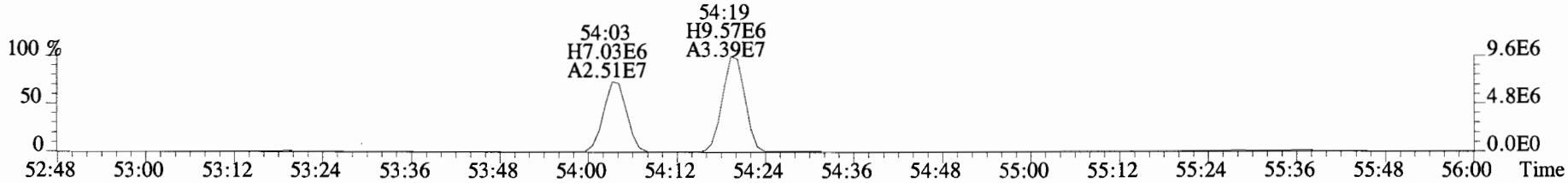
429.7606 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2420.0,0.00%,F,F)



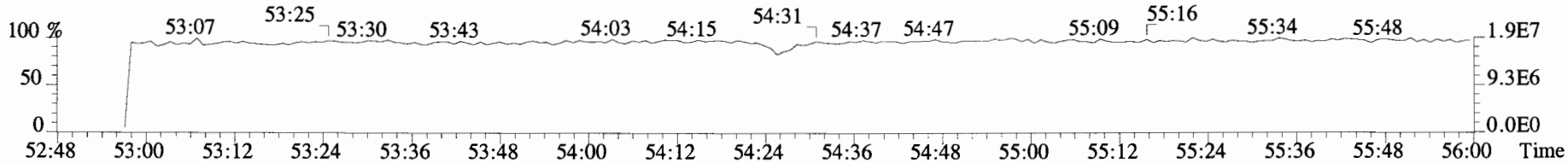
439.8038 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4652.0,0.00%,F,F)



441.8008 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4844.0,0.00%,F,F)

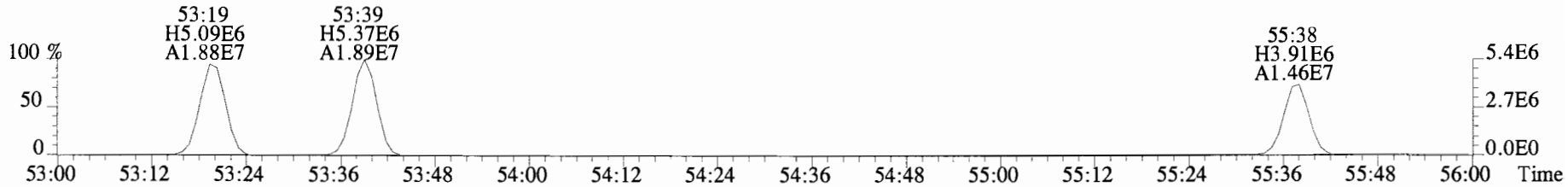


492.9697 S:2 F:5

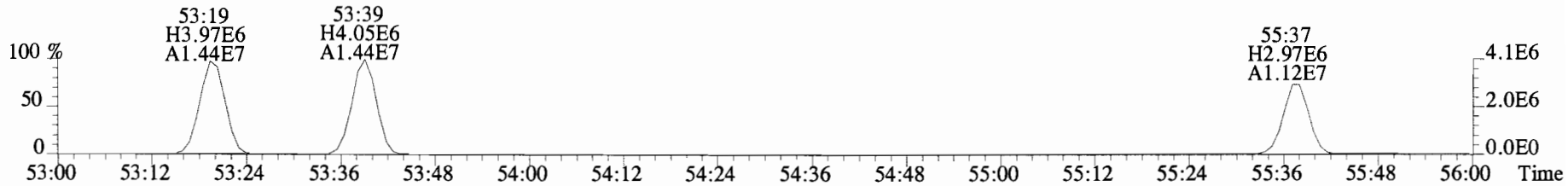


File:180302E1 #1-407 Acq: 2-MAR-2018 11:05:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BS1 OPR 1 Exp:PCB_ZB1

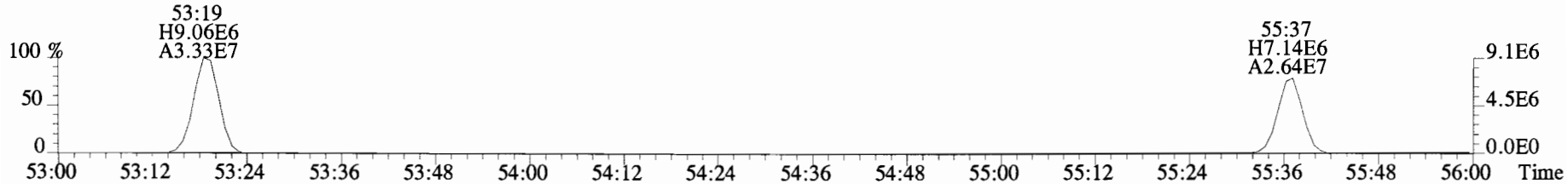
463.7216 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11920.0,0.00%,F,F)



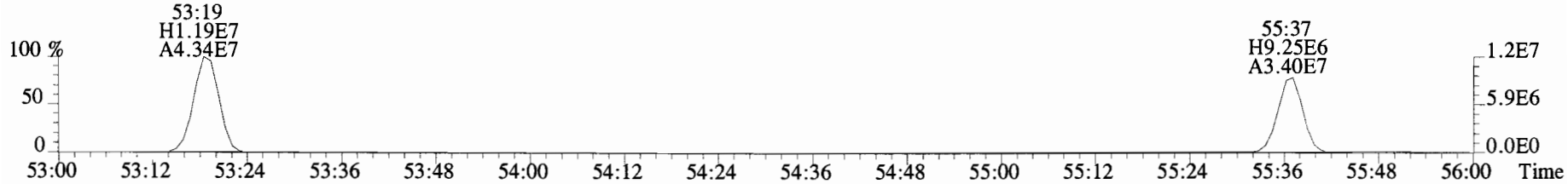
465.7186 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9204.0,0.00%,F,F)



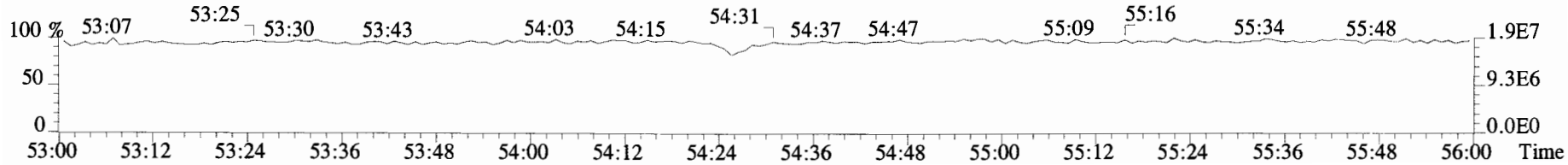
473.7648 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14800.0,0.00%,F,F)



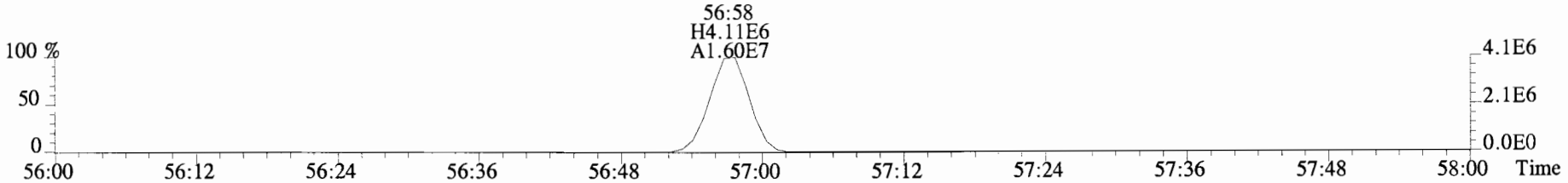
475.7619 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18448.0,0.00%,F,F)



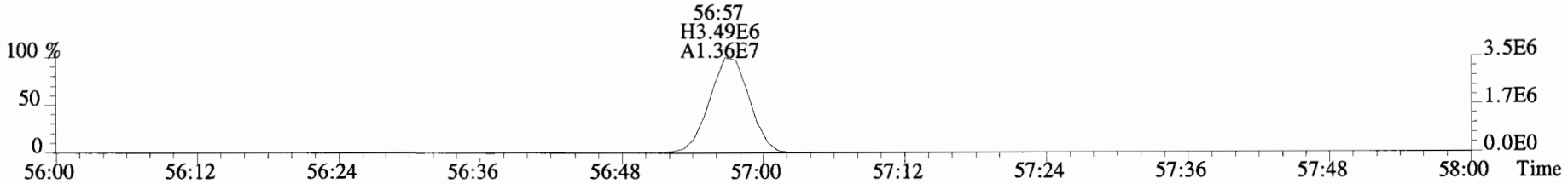
492.9697 S:2 F:5



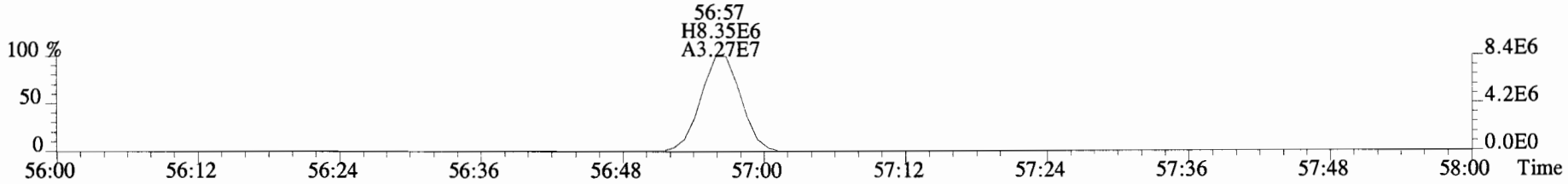
File:180302E1 #1-407 Acq: 2-MAR-2018 11:05:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8B0161-BS1 OPR 1 Exp:PCB_ZB1
497.6826 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1324.0,0.00%,F,F)



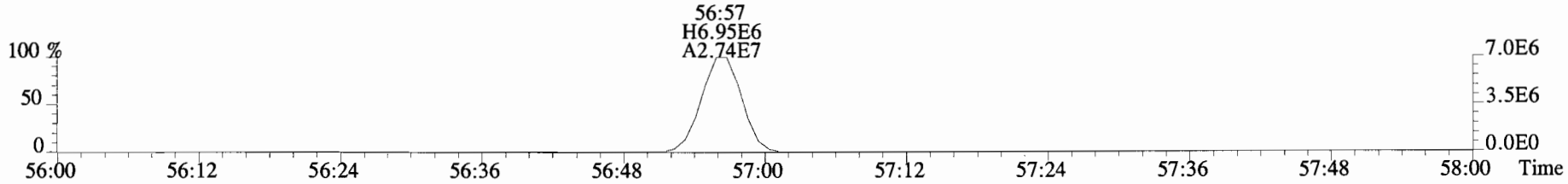
499.6797 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1656.0,0.00%,F,F)



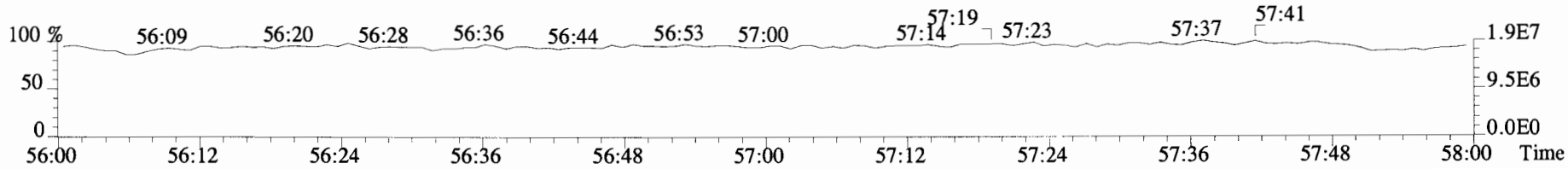
509.7229 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1488.0,0.00%,F,F)



511.7199 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1800.0,0.00%,F,F)



492.9697 S:2 F:5



Client ID: OWS-SCHU-T170926125515 Filename: 180303E1 S:3 Acq:3-MAR-18 15:17:18 ConCal: ST180303E1-1
Lab ID: 1701338-01 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 0.993 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Mono	PCB-1	2.09e+06	3.07	y 16:00	1.07	54.6		*	2.5	*	1.001	0.996-1.006
Mono	PCB-2	6.30e+04	2.76	y 18:24	1.06	1.16		*	2.5	*	0.988	0.983-0.993
Mono	PCB-3	5.68e+05	2.99	y 18:38	1.06	10.4		*	2.5	*	1.001	0.996-1.006
Di	PCB-4/10	2.11e+08	1.57	y 20:00	1.24	6290		*	2.5	*	1.002	0.998-1.008
Di	PCB-7/9	*	*	n NotF	0.99	*		21600	1.0	4.11	*	0.863-0.871
Di	PCB-6	6.71e+05	1.42	y 22:28	1.06	13.3		*	2.5	*	0.893	0.888-0.897
Di	PCB-5/8	2.58e+06	1.67	y 22:51	1.03	52.6		*	2.5	*	0.909	0.904-0.913
Di	PCB-14	*	*	n NotF	1.03	*		4210	2.5	1.71	*	0.948-0.958
Di	PCB-11	5.49e+05	1.42	y 25:10	1.11	8.36		*	2.5	*	1.001	0.996-1.006
Di	PCB-12/13	4.72e+05	1.01	n 25:32	1.02	7.85		*	2.5	*	1.015	1.011-1.021
Di	PCB-15	1.02e+07	1.60	y 25:53	1.05	164		*	2.5	*	1.029	1.023-1.033
Tri	PCB-19	8.90e+07	1.06	y 24:09	1.20	1820		*	2.5	*	1.001	0.996-1.006
Tri	PCB-30	*	*	n NotF	1.93	*		9770	1.0	0.922	*	1.034-1.044
Tri	PCB-18	1.93e+07	1.05	y 25:48	0.91	310		*	2.5	*	0.953	0.948-0.958
Tri	PCB-17	1.28e+07	1.05	y 25:58	0.84	223		*	2.5	*	0.959	0.955-0.965
Tri	PCB-24/27	4.53e+07	1.07	y 26:32	1.15	578		*	2.5	*	0.980	0.977-0.986
Tri	PCB-16/32	2.70e+07	1.05	y 27:04	1.02	389		*	2.5	*	1.000	0.995-1.005
Tri	PCB-34	4.28e+05	1.00	y 27:53	0.96	8.14		*	2.5	*	0.960	0.955-0.965
Tri	PCB-23	*	*	n NotF	0.95	*		1800	2.5	0.781	*	0.958-0.968
Tri	PCB-29	*	*	n NotF	0.96	*		1800	2.5	0.772	*	0.966-0.976
Tri	PCB-26	8.61e+06	1.05	y 28:25	1.00	157		*	2.5	*	0.979	0.974-0.984
Tri	PCB-25	1.64e+06	1.01	y 28:35	1.06	28.3		*	2.5	*	0.985	0.980-0.990
Tri	PCB-31	1.09e+07	1.04	y 28:56	1.10	182		*	2.5	*	0.997	0.992-1.002
Tri	PCB-28	1.03e+07	1.09	y 29:02	1.14	166		*	2.5	*	1.000	0.995-1.005
Tri	PCB-20/21/33	9.64e+05	1.06	y 29:42	1.00	17.7		*	2.5	*	1.023	1.017-1.027
Tri	PCB-22	1.00e+06	1.06	y 30:06	1.09	16.8		*	2.5	*	1.037	1.032-1.042
Tri	PCB-36	*	*	n NotF	1.15	*		1800	2.5	0.663	*	0.929-0.939
Tri	PCB-39	2.79e+05	1.12	y 31:12	1.07	4.51		*	2.5	*	0.948	0.943-0.953
Tri	PCB-38	2.09e+05	1.15	y 31:57	1.10	3.29		*	2.5	*	0.971	0.966-0.976
Tri	PCB-35	8.09e+04	1.14	y 32:29	1.12	1.25		*	2.5	*	0.987	0.982-0.992
Tri	PCB-37	3.00e+06	1.06	y 32:55	1.11	46.7		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-54	2.16e+06	0.86	y 27:54	1.07	33.9		*	2.5	*	1.000	0.996-1.006
Tetra	PCB-50	2.89e+05	0.80	y 29:04	0.87	5.59		*	2.5	*	1.042	1.038-1.048
Tetra	PCB-53	1.49e+07	0.76	y 29:44	1.01	279		*	2.5	*	0.946	0.940-0.950
Tetra	PCB-51	3.50e+06	0.79	y 30:05	1.10	60.1		*	2.5	*	0.957	0.952-0.962
Tetra	PCB-45	4.70e+06	0.77	y 30:30	0.87	102		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-46	1.60e+06	0.77	y 30:59	0.84	36.0		*	2.5	*	0.986	0.980-0.990

Integrations by:
Analyst: DB
Date: 3/14/18

Reviewed by: CT Date: 3/14/18

Client ID: OWS-SCHU-T170926125515 Filename: 180303E1 S:3 Acq:3-MAR-18 15:17:18 ConCal: ST180303E1-1
Lab ID: 1701338-01 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 0.993 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Tetra	PCB-52/69	2.99e+07	0.76	y 31:28	1.21	467		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-73	7.76e+05	0.73	y 31:35	1.45	10.1		*	2.5	*	1.005	1.000-1.010
Tetra	PCB-43/49	2.00e+07	0.77	y 31:46	1.01	374		*	2.5	*	1.011	1.005-1.015
Tetra	PCB-47	1.43e+07	0.78	y 31:58	0.91	274		*	2.5	*	1.001	0.995-1.005
Tetra	PCB-48/75	2.54e+06	0.79	y 32:05	1.13	38.8		*	2.5	*	1.004	0.999-1.009
Tetra	PCB-65	1.20e+05	0.84	y 32:20	1.27	1.64		*	2.5	*	1.012	1.007-1.017
Tetra	PCB-62	*	*	n NotF╗	1.10	*		1750	2.5	0.591	*	1.011-1.021
Tetra	PCB-44	1.12e+07	0.76	y 32:45	0.85	227		*	2.5	*	1.025	1.020-1.030
Tetra	PCB-42/59	7.00e+06	0.75	y 32:58	1.02	119		*	2.5	*	1.032	1.027-1.037
Tetra	PCB-41/64/71/72	1.85e+07	0.77	y 33:34	1.17	275		*	2.5	*	1.051	1.046-1.056
Tetra	PCB-68	7.05e+05	0.69	y 33:50	1.28	9.57		*	2.5	*	1.059	1.054-1.064
Tetra	PCB-40	1.74e+06	0.78	y 34:02	0.62	48.3		*	2.5	*	1.065	1.060-1.070
Tetra	PCB-57	2.00e+05	0.86	y 34:24	1.13	2.85		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-67	5.19e+05	0.80	y 34:43	1.10	7.55		*	2.5	*	0.979	0.973-0.983
Tetra	PCB-58	6.04e+04	0.80	y 34:50	1.12	0.864		*	2.5	*	0.982	0.977-0.987
Tetra	PCB-63	1.32e+06	0.80	y 34:59	1.00	21.2		*	2.5	*	0.986	0.981-0.991
Tetra	PCB-74	5.84e+06	0.78	y 35:16	1.18	79.2		*	2.5	*	0.994	0.989-0.999
Tetra	PCB-61/70	7.13e+06	0.77	y 35:28	1.03	111		*	2.5	*	1.000	0.994-1.004
Tetra	PCB-76/66	8.49e+06	0.78	y 35:41	1.13	120		*	2.5	*	1.006	1.000-1.010
Tetra	PCB-80	*	*	n NotF╗	1.19	*		1750	2.5	0.518	*	0.995-1.005
Tetra	PCB-55	1.29e+05	0.84	y 36:12	1.16	1.80		*	2.5	*	1.009	1.004-1.014
Tetra	PCB-56/60	5.46e+06	0.71	y 36:42	1.04	84.8		*	2.5	*	1.023	1.018-1.028
Tetra	PCB-79	9.46e+04	0.72	y 37:47	1.17	1.31		*	2.5	*	1.053	1.047-1.057
Tetra	PCB-78	*	*	n NotF╗	1.10	*		1750	2.5	0.534	*	0.982-0.992
Tetra	PCB-81	*	*	n NotF╗	0.97	*		1750	2.5	0.607	*	0.995-1.005
Tetra	PCB-77	7.25e+05	0.80	y 39:35	1.08	10.4		*	2.5	*	1.000	0.995-1.005
Penta	PCB-104	4.16e+04	1.74	y 32:37	1.08	0.684		*	2.5	*	1.001	0.996-1.006
Penta	PCB-96	3.64e+05	1.44	y 33:52	1.13	5.70		*	2.5	*	1.039	1.034-1.044
Penta	PCB-103	2.46e+05	1.47	y 34:25	0.91	4.80		*	2.5	*	1.056	1.051-1.061
Penta	PCB-100	2.51e+05	1.46	y 34:46	0.93	4.81		*	2.5	*	1.066	1.062-1.072
Penta	PCB-94	3.92e+05	1.50	y 35:15	0.91	10.6		*	2.5	*	0.986	0.981-0.991
Penta	PCB-95/98/102	6.21e+06	1.56	y 35:47	1.17	130		*	2.5	*	1.001	0.994-1.004
Penta	PCB-93	*	*	n NotF╗	0.93	*		1510	2.5	1.26	*	0.997-1.007
Penta	PCB-88/91	1.77e+06	1.51	y 36:10	0.97	44.8		*	2.5	*	1.012	1.005-1.015
Penta	PCB-121	*	*	n NotF╗	1.68	*		1510	2.5	0.694	*	1.009-1.019
Penta	PCB-84/92	3.72e+06	1.58	y 37:05	0.97	85.7		*	2.5	*	0.990	0.985-0.995
Penta	PCB-89	9.55e+04	1.43	y 37:16	1.06	2.01		*	2.5	*	0.995	0.990-1.000

Analyst: DB

Date: 3/6/18

Client ID: OWS-SCHU-T170926125515 Filename: 180303E1 S:3 Acq:3-MAR-18 15:17:18 ConCal: ST180303E1-1
Lab ID: 1701338-01 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 0.993 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Penta	PCB-90/101	4.65e+06	1.56	y 37:28	1.08	96.6		*	2.5	*	1.000	0.995-1.005
Penta	PCB-113	1.09e+05	1.58	y 37:40	1.48	1.65		*	2.5	*	1.006	1.002-1.012
Penta	PCB-99	2.80e+06	1.52	y 37:47	1.25	50.0		*	2.5	*	1.009	1.004-1.014
Penta	PCB-119	2.77e+05	1.75	y 38:15	1.70	4.15		*	2.5	*	0.987	0.982-0.992
Penta	PCB-108/112	5.93e+05	1.76	y 38:25	1.40	10.8		*	2.5	*	0.991	0.986-0.996
Penta	PCB-83	*	*	n NotF¶	1.75	*		1510	2.5	0.682	*	0.990-1.000
Penta	PCB-97	1.42e+06	1.75	y 38:46	1.17	30.8		*	2.5	*	1.000	0.995-1.005
Penta	PCB-86	4.15e+04	1.37	y 38:54	1.08	0.979		*	2.5	*	1.004	0.999-1.009
Penta	PCB-87/117/125	2.37e+06	1.60	y 39:02	1.55	39.0		*	2.5	*	1.007	1.002-1.012
Penta	PCB-111/115	1.22e+05	1.57	y 39:11	1.79	1.74		*	2.5	*	1.011	1.006-1.016
Penta	PCB-85/116	1.06e+06	1.64	y 39:18	1.29	21.0		*	2.5	*	1.014	1.009-1.019
Penta	PCB-120	4.51e+04	1.01	n 39:33	1.98	0.581		*	2.5	*	1.021	1.016-1.026
Penta	PCB-110	6.88e+06	1.63	y 39:42	1.69	104		*	2.5	*	1.025	1.020-1.030
Penta	PCB-82	5.69e+05	1.51	y 40:19	0.81	13.1		*	2.5	*	0.976	0.972-0.982
Penta	PCB-124	1.91e+05	1.34	y 41:00	1.30	2.74		*	2.5	*	0.993	0.988-0.998
Penta	PCB-107/109	4.54e+05	1.63	y 41:11	1.31	6.40		*	2.5	*	0.997	0.991-1.001
Penta	PCB-123	9.69e+04	1.44	y 41:20	1.12	1.61		*	2.5	*	1.001	0.996-1.006
Penta	PCB-106/118	3.94e+06	1.60	y 41:30	1.18	59.0		*	2.5	*	1.000	0.996-1.006
Penta	PCB-114	1.01e+05	1.72	y 42:09	1.11	2.24		*	2.5	*	1.000	0.995-1.005
Penta	PCB-122	4.38e+04	1.36	y 42:17	1.03	1.05		*	2.5	*	1.003	0.999-1.009
Penta	PCB-105	1.39e+06	1.64	y 43:01	1.12	30.1		*	2.5	*	1.000	0.995-1.005
Penta	PCB-127	*	*	n NotF¶	1.12	*		1090	2.5	0.739	*	0.995-1.005
Penta	PCB-126	*	*	n NotF¶	1.20	*		1090	2.5	0.769	*	0.995-1.005
Hexa	PCB-155	*	*	n NotF¶	0.99	*		1420	2.5	0.654	*	0.995-1.005
Hexa	PCB-150	*	*	n NotF¶	1.02	*		1420	2.5	0.630	*	1.030-1.040
Hexa	PCB-152	*	*	n NotF¶	1.16	*		1420	2.5	0.558	*	1.042-1.052
Hexa	PCB-145	*	*	n NotF¶	1.13	*		1420	2.5	0.572	*	1.054-1.064
Hexa	PCB-136	7.12e+05	1.23	y 39:31	1.02	11.5		*	2.5	*	1.068	1.063-1.073
Hexa	PCB-148	*	*	n NotF¶	0.77	*		1420	2.5	0.836	*	1.066-1.076
Hexa	PCB-154	9.87e+04	0.99	n 40:07	0.88	1.85		*	2.5	*	1.085	1.079-1.089
Hexa	PCB-151	9.77e+05	1.27	y 40:44	0.75	21.4		*	2.5	*	1.101	1.095-1.107
Hexa	PCB-135	6.12e+05	1.16	y 40:58	0.86	11.7		*	2.5	*	1.108	1.101-1.113
Hexa	PCB-144	7.33e+04	1.19	y 41:05	0.77	1.58		*	2.5	*	1.111	1.105-1.116
Hexa	PCB-147	1.80e+05	1.12	y 41:12	0.80	3.68		*	2.5	*	1.114	1.108-1.120
Hexa	PCB-139/149	2.04e+06	1.18	y 41:28	0.88	38.2		*	2.5	*	1.121	1.115-1.127
Hexa	PCB-140	3.58e+04	0.92	n 41:39	0.77	0.765		*	2.5	*	1.126	1.120-1.132
Hexa	PCB-134/143	2.09e+05	1.07	y 42:06	0.76	5.31		*	2.5	*	0.975	0.970-0.980

Analyst: DB

Date: 3/6/18

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hexa	PCB-131/133	1.69e+05	1.09	y 42:23	0.82	4.01		*	2.5	*	0.982	0.977-0.987
Hexa	PCB-142	*	*	n NotF¶	0.73	*		1600	2.5	1.20	*	0.981-0.991
Hexa	PCB-146/165	5.52e+05	1.18	y 42:47	1.02	10.5		*	2.5	*	0.991	0.986-0.996
Hexa	PCB-132/161	8.17e+05	1.39	y 43:02	1.00	15.7		*	2.5	*	0.997	0.992-1.002
Hexa	PCB-153	1.95e+06	1.27	y 43:11	1.08	35.1		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-168	*	*	n NotF¶	1.12	*		1600	2.5	0.785	*	1.000-1.010
Hexa	PCB-141	2.84e+05	1.28	y 43:55	1.02	6.44		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-137	1.37e+05	1.32	y 44:18	1.10	2.88		*	2.5	*	1.009	1.004-1.014
Hexa	PCB-130	1.73e+05	1.39	y 44:25	0.81	4.96		*	2.5	*	1.012	1.007-1.017
Hexa	PCB-138/163/164	2.95e+06	1.22	y 44:46	1.23	51.4		*	2.5	*	1.000	0.996-1.006
Hexa	PCB-158/160	2.48e+05	1.07	y 45:00	1.18	4.53		*	2.5	*	1.006	1.001-1.011
Hexa	PCB-129	1.11e+05	1.31	y 45:15	0.78	3.05		*	2.5	*	1.011	1.007-1.017
Hexa	PCB-166	*	*	n NotF¶	1.13	*		1600	2.5	0.746	*	0.988-0.998
Hexa	PCB-159	*	*	n NotF¶	1.16	*		1600	2.5	0.726	*	0.995-1.005
Hexa	PCB-128/162	4.30e+05	1.13	y 46:18	0.89	8.46		*	2.5	*	1.006	1.002-1.012
Hexa	PCB-167	1.03e+05	1.13	y 46:43	1.02	1.78		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-156	2.46e+05	1.05	y 48:00	1.06	4.10		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-157	5.91e+04	1.37	y 48:16	1.02	1.04		*	2.5	*	1.000	0.996-1.006
Hexa	PCB-169	*	*	n NotF¶	1.13	*		1600	2.5	0.780	*	0.995-1.005
Hepta	PCB-188	*	*	n NotF¶	1.37	*		1410	2.5	0.436	*	0.995-1.005
Hepta	PCB-184	*	*	n NotF¶	1.32	*		1410	2.5	0.454	*	1.006-1.016
Hepta	PCB-179	3.42e+05	1.21	y 44:02	1.38	5.82		*	2.5	*	1.029	1.024-1.034
Hepta	PCB-176	5.38e+04	1.58	n 44:30	1.31	0.969		*	2.5	*	1.040	1.035-1.045
Hepta	PCB-186	*	*	n NotF¶	1.42	*		1410	2.5	0.422	*	1.049-1.059
Hepta	PCB-178	2.24e+05	1.32	n 45:36	0.97	5.46		*	2.5	*	1.065	1.060-1.070
Hepta	PCB-175	*	*	n NotF¶	1.00	*		1410	2.5	0.600	*	1.069-1.079
Hepta	PCB-182/187	7.10e+05	1.02	y 46:06	1.14	14.7		*	2.5	*	1.077	1.072-1.082
Hepta	PCB-183	1.27e+05	1.15	y 46:25	1.13	2.66		*	2.5	*	1.085	1.080-1.090
Hepta	PCB-185	*	*	n NotF¶	1.36	*		1410	2.5	0.603	*	0.950-0.960
Hepta	PCB-174	2.87e+05	1.11	y 47:27	1.42	6.28		*	2.5	*	0.963	0.958-0.968
Hepta	PCB-181	*	*	n NotF¶	1.48	*		1410	2.5	0.554	*	0.960-0.970
Hepta	PCB-177	2.21e+05	1.34	n 47:43	1.33	5.15		*	2.5	*	0.968	0.963-0.973
Hepta	PCB-171	8.03e+04	0.90	y 48:00	1.37	1.81		*	2.5	*	0.974	0.969-0.979
Hepta	PCB-173	*	*	n NotF¶	1.27	*		1410	2.5	0.645	*	0.978-0.988
Hepta	PCB-172	6.00e+04	0.93	y 48:53	1.39	1.34		*	2.5	*	0.992	0.987-0.997
Hepta	PCB-192	*	*	n NotF¶	1.80	*		1410	2.5	0.454	*	0.991-1.001
Hepta	PCB-180	6.08e+05	1.12	y 49:18	1.52	12.4		*	2.5	*	1.000	0.995-1.005

Analyst: DB

Date: 3/6/18

Client ID: OWS-SCHU-T170926125515 Filename: 180303E1 S:3 Acq:3-MAR-18 15:17:18 ConCal: ST180303E1-1
Lab ID: 1701338-01 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 0.993 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hepta	PCB-193	6.10e+04	1.53	n 49:30	1.71	1.10		*	2.5	*	1.004	0.999-1.009
Hepta	PCB-191	*	*	n NotF¶	1.74	*		1410	2.5	0.470	*	1.005-1.015
Hepta	PCB-170	2.40e+05	1.12	y 50:54	1.44	6.05		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-190	8.15e+04	0.97	y 51:04	1.95	1.51		*	2.5	*	1.004	0.999-1.009
Hepta	PCB-189	*	*	n NotF¶	1.46	*		1410	2.5	0.402	*	0.995-1.005
Octa	PCB-202	9.87e+04	0.98	y 48:13	1.06	1.81		*	2.5	*	1.000	0.995-1.005
Octa	PCB-201	*	*	n NotF¶	0.98	*		1210	2.5	0.593	*	1.006-1.016
Octa	PCB-204	*	*	n NotF¶	1.07	*		1210	2.5	0.542	*	1.009-1.019
Octa	PCB-197	*	*	n NotF¶	1.10	*		1210	2.5	0.528	*	1.015-1.025
Octa	PCB-200	3.93e+04	0.90	y 50:04	1.04	0.733		*	2.5	*	1.039	1.034-1.044
Octa	PCB-198	*	*	n NotF¶	0.84	*		1210	2.5	0.692	*	1.065-1.075
Octa	PCB-199	2.54e+05	0.80	y 51:39	0.80	6.18		*	2.5	*	1.072	1.067-1.077
Octa	PCB-196/203	1.94e+05	1.08	n 51:56	0.84	4.48		*	2.5	*	1.077	1.072-1.082
Octa	PCB-195	3.91e+04	0.93	y 53:10	1.04	1.32		*	2.5	*	0.984	0.979-0.989
Octa	PCB-194	1.27e+05	0.99	y 54:03	1.16	3.86		*	2.5	*	1.000	0.995-1.005
Octa	PCB-205	*	*	n NotF¶	1.33	*		1070	2.5	0.468	*	1.000-1.010
Nona	PCB-208	7.15e+04	1.72	n 53:18	0.90	1.84		*	2.5	*	1.000	0.995-1.005
Nona	PCB-207	*	*	n NotF¶	0.89	*		918	2.5	0.385	*	1.001-1.011
Nona	PCB-206	8.82e+04	1.27	y 55:37	0.88	2.96		*	2.5	*	1.000	0.995-1.005
Deca	PCB-209	6.18e+04	1.13	y 56:56	1.04	1.70		*	2.5	*	1.000	0.995-1.005

Analyst: DB

Date: 3/6/18

Client ID: OWS-SCHU-T170926125515 Filename: 180303E1 S:3 Acq:3-MAR-18 15:17:18 ConCal: ST180303E1-1
Lab ID: 1701338-01 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 0.9935 EndCAL: NA

Name	Resp	RA	RT	RRF	Conc	
Total Mono-PCB	2.72e+06	3.07 y	16:00	1.06	66.2220	
Total Di-PCB	2.25e+08	1.57 y	20:00	1.04	6532.90	
Total Tri-PCB	1.93e+08	1.06 y	24:09	1.15	3315.88	
Total Tri-PCB	3.75e+07	1.00 y	27:53	1.05	631.720	Sum:3947.60
Total Tetra-PCB	1.64e+08	0.86 y	27:54	1.06	2801.82	
Total Penta-PCB	3.87e+07	1.74 y	32:37	1.18	733.101	
Total Penta-PCB	1.53e+06	1.72 y	42:09	1.12	33.3817	Sum:766.483
Total Hexa-PCB	4.59e+06	1.23 y	39:31	0.91	87.9890	
Total Hexa-PCB	8.44e+06	1.07 y	42:06	1.00	159.274	Sum:247.263
Total Hepta-PCB	2.54e+06	1.21 y	44:02	1.35	52.5535	
Total Octa-PCB	3.92e+05	0.98 y	48:13	0.95	8.71895	
Total Octa-PCB	1.66e+05	0.93 y	53:10	1.17	5.18070	Sum:13.8997
Total Nona-PCB	8.82e+04	1.27 y	55:37	0.89	2.96278	
Total Deca-PCB	6.18e+04	1.13 y	56:56	1.04	1.70131	

Total PCB Conc:14463.4510460

Integrations by Analyst: DB

Date: 3/14/18

Client ID: OWS-SCHU-T170926125515 Filename: 180303E1 S:3 Acq:3-MAR-18 15:17:18 ConCal: ST180303E1-1
Lab ID: 1701338-01 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol:0.9935 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-1	7.18e+07	3.13 y	1.13	15:59	0.618	0.616	0.622	785	39.0
13C-PCB-3	1.04e+08	3.10 y	1.21	18:37	0.720	0.716	0.724	1060	52.5
13C-PCB-4	5.46e+07	1.54 y	0.59	19:58	0.772	0.769	0.777	1140	56.4
13C-PCB-9	9.60e+07	1.53 y	0.94	21:46	0.842	0.837	0.845	1260	62.6
13C-PCB-11	1.19e+08	1.53 y	0.95	25:09	0.973	0.968	0.978	1550	77.0
13C-PCB-19	8.25e+07	1.02 y	0.62	24:08	0.934	0.928	0.938	1630	81.2
13C-PCB-28	1.10e+08	1.03 y	1.05	29:02	1.004	0.999	1.009	1560	77.5
13C-PCB-32	1.37e+08	1.04 y	0.91	27:04	1.047	1.041	1.051	1860	92.5
13C-PCB-37	1.16e+08	1.04 y	1.02	32:54	1.138	1.132	1.144	1690	84.2
13C-PCB-47	1.16e+08	0.79 y	0.83	31:57	0.871	0.867	0.875	1910	95.1
13C-PCB-52	1.07e+08	0.79 y	0.76	31:26	0.856	0.853	0.861	1920	95.3
13C-PCB-54	1.19e+08	0.80 y	0.93	27:54	0.760	0.756	0.764	1770	87.7
13C-PCB-70	1.25e+08	0.79 y	1.00	35:28	0.966	0.961	0.971	1730	85.8
13C-PCB-77	1.29e+08	0.79 y	0.96	39:35	1.079	1.073	1.083	1850	91.9
13C-PCB-80	1.24e+08	0.80 y	1.00	35:53	0.978	0.973	0.983	1720	85.3
13C-PCB-81	1.37e+08	0.79 y	1.01	38:59	1.062	1.057	1.067	1870	93.1
13C-PCB-95	8.18e+07	1.55 y	0.80	35:45	0.912	0.908	0.918	1660	82.4
13C-PCB-97	7.89e+07	1.56 y	0.70	38:45	0.989	0.984	0.994	1830	91.0
13C-PCB-101	8.99e+07	1.57 y	0.80	37:27	0.956	0.951	0.961	1820	90.6
13C-PCB-104	1.14e+08	1.57 y	1.01	32:36	0.832	0.828	0.836	1830	91.1
13C-PCB-105	8.28e+07	1.56 y	1.14	43:00	0.929	0.924	0.934	1610	79.9
13C-PCB-114	8.20e+07	1.58 y	1.18	42:09	0.911	0.905	0.915	1540	76.4
13C-PCB-118	1.14e+08	1.57 y	1.00	41:30	1.059	1.054	1.064	1860	92.6
13C-PCB-123	1.09e+08	1.53 y	0.95	41:18	1.054	1.049	1.059	1870	92.9
13C-PCB-126	8.43e+07	1.60 y	1.14	45:14	0.977	0.972	0.982	1650	81.7
13C-PCB-127	9.07e+07	1.58 y	1.24	43:20	0.936	0.931	0.941	1620	80.4
13C-PCB-138	9.34e+07	1.28 y	1.17	44:45	0.967	0.962	0.972	1760	87.7
13C-PCB-141	8.72e+07	1.25 y	1.11	43:54	0.949	0.944	0.954	1750	86.7
13C-PCB-153	1.04e+08	1.26 y	1.34	43:10	0.933	0.928	0.938	1730	85.8
13C-PCB-155	1.22e+08	1.28 y	0.83	36:59	0.944	0.939	0.949	2410	120
13C-PCB-156	1.13e+08	1.31 y	1.38	48:00	1.037	1.032	1.042	1820	90.2
13C-PCB-157	1.11e+08	1.26 y	1.37	48:15	1.042	1.037	1.047	1800	89.3
13C-PCB-159	1.15e+08	1.27 y	1.39	46:02	0.995	0.989	0.999	1830	91.1
13C-PCB-167	1.14e+08	1.26 y	1.40	46:42	1.009	1.004	1.014	1810	90.0
13C-PCB-169	1.09e+08	1.27 y	1.39	50:28	1.090	1.085	1.095	1740	86.7
13C-PCB-170	5.57e+07	0.45 y	0.86	50:53	1.103	1.097	1.109	1850	91.9
13C-PCB-180	6.50e+07	0.46 y	0.98	49:17	1.069	1.064	1.074	1900	94.2
13C-PCB-188	8.53e+07	0.45 y	1.40	42:48	0.928	0.923	0.933	1740	86.5
13C-PCB-189	7.75e+07	0.46 y	1.15	52:29	1.138	1.132	1.144	1920	95.5
13C-PCB-194	5.74e+07	0.91 y	0.77	54:03	0.995	0.990	1.000	1810	89.7
13C-PCB-202	1.04e+08	0.89 y	1.28	48:12	1.045	1.040	1.050	2310	115
13C-PCB-206	6.80e+07	0.77 y	0.81	55:36	1.024	1.019	1.029	2030	101
13C-PCB-208	8.73e+07	0.77 y	1.09	53:18	0.981	0.977	0.987	1930	96.1
13C-PCB-209	7.02e+07	1.22 y	0.74	56:56	1.048	1.043	1.053	2310	115

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.48e+08	0.79 y	1.03	37:46	1.029	1.024	1.034	1960	97.6
13C-PCB-178	6.49e+07	0.46 y	0.93	45:34	0.985	0.980	0.990	2000	99.2

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.48e+08	0.79 y	1.03	37:46	0.969	0.963	0.973	2110	105
13C-PCB-178	6.49e+07	0.46 y	0.95	45:34	0.925	0.920	0.930	2120	105

RS

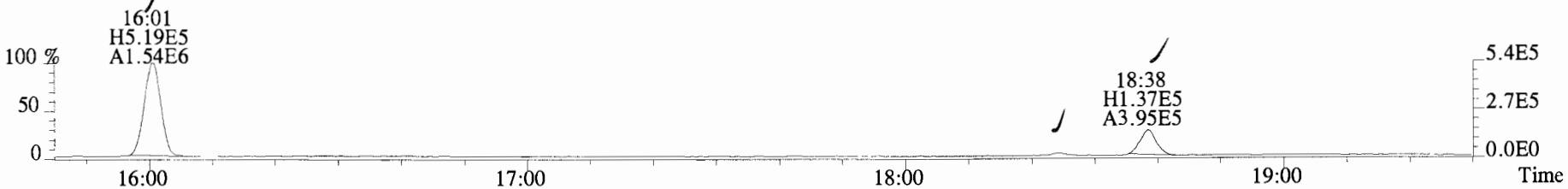
Name	Resp	RA	RRF	RT	Conc
13C-PCB-15	1.63e+08	1.53 y	1.00	25:51	2010
13C-PCB-31	1.36e+08	1.03 y	1.00	28:55	2010
13C-PCB-60	1.46e+08	0.78 y	1.00	36:42	2010
13C-PCB-111	1.24e+08	1.55 y	1.00	39:11	2010
13C-PCB-128	9.08e+07	1.24 y	1.00	46:17	2010
13C-PCB-182	7.06e+07	0.45 y	1.00	46:07	2010
13C-PCB-205	8.32e+07	0.88 y	1.00	54:19	2010

Analyst: DB

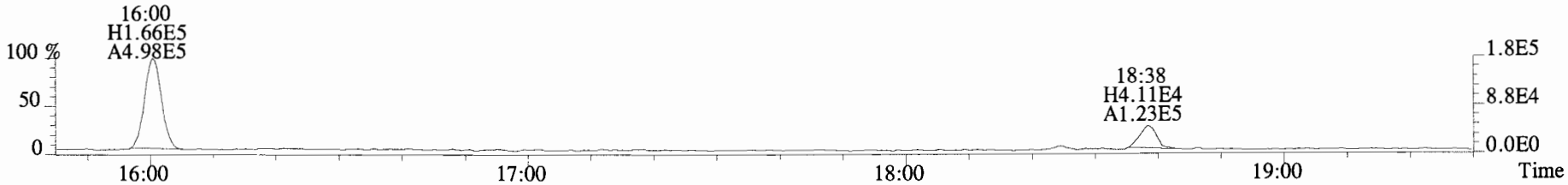
Date: 3/6/18

File:180303E1 #1-867 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1

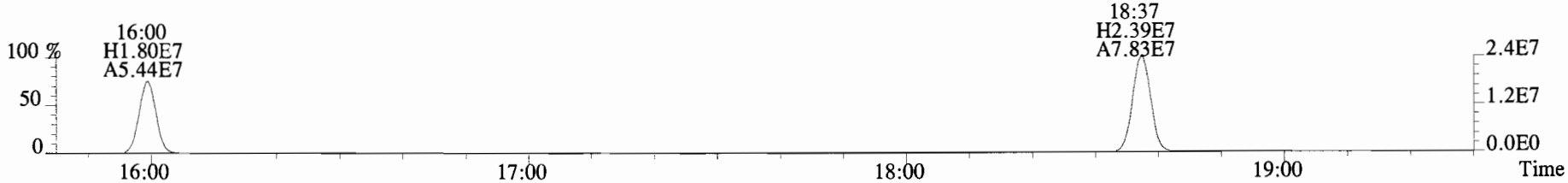
188.0393 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19920.0,0.00%,F,F)



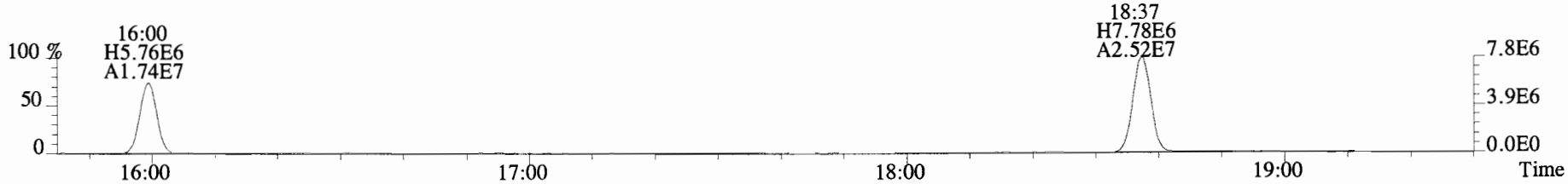
190.0363 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10100.0,0.00%,F,F)



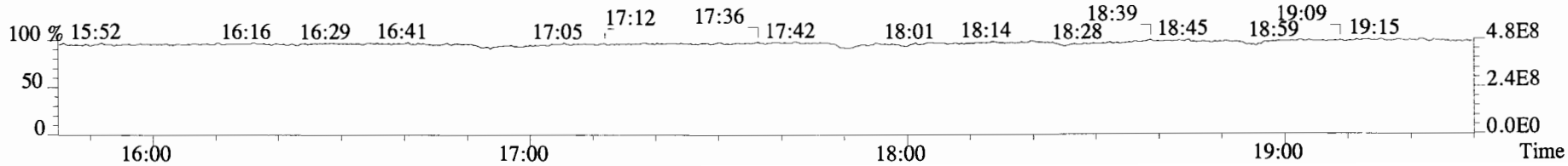
200.0795 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10112.0,0.00%,F,F)



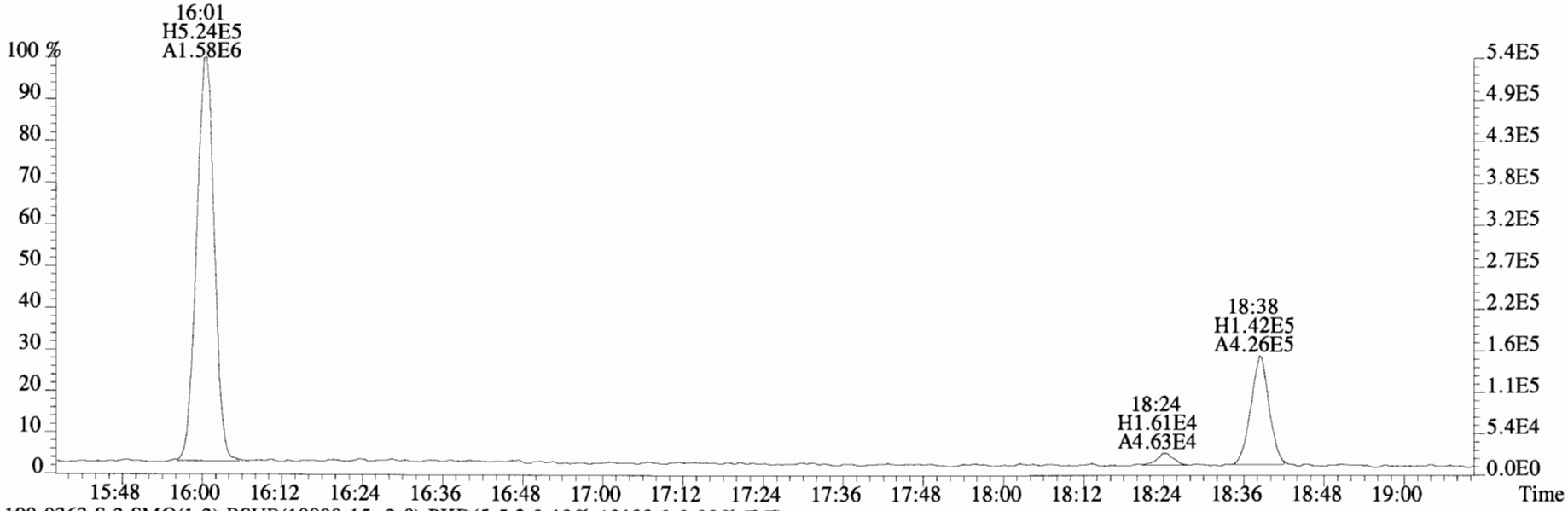
202.0766 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25024.0,0.00%,F,F)



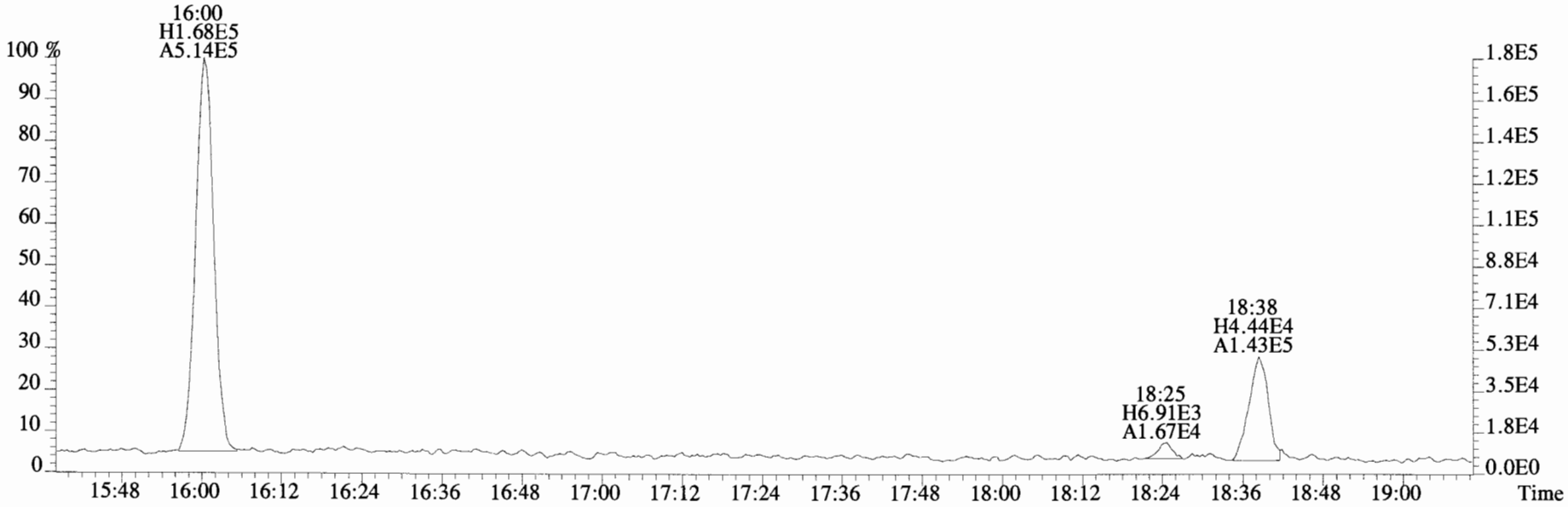
180.9880 S:3



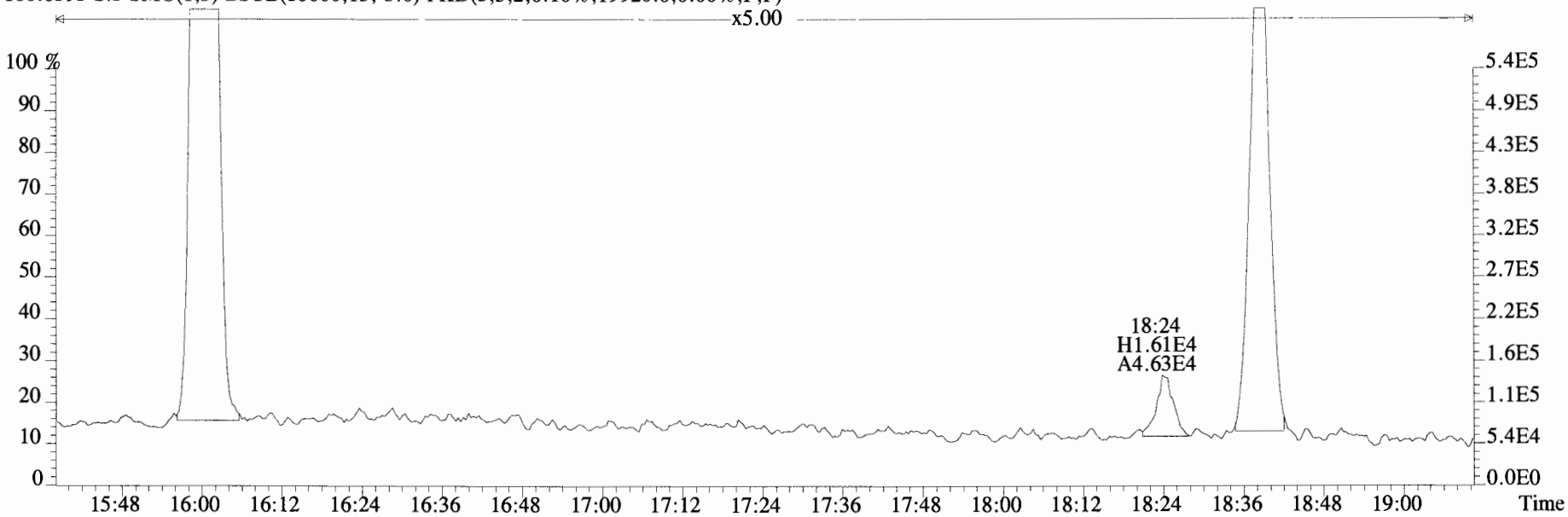
File:180303E1 #1-867 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
188.0393 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19920.0,0.00%,F,F)



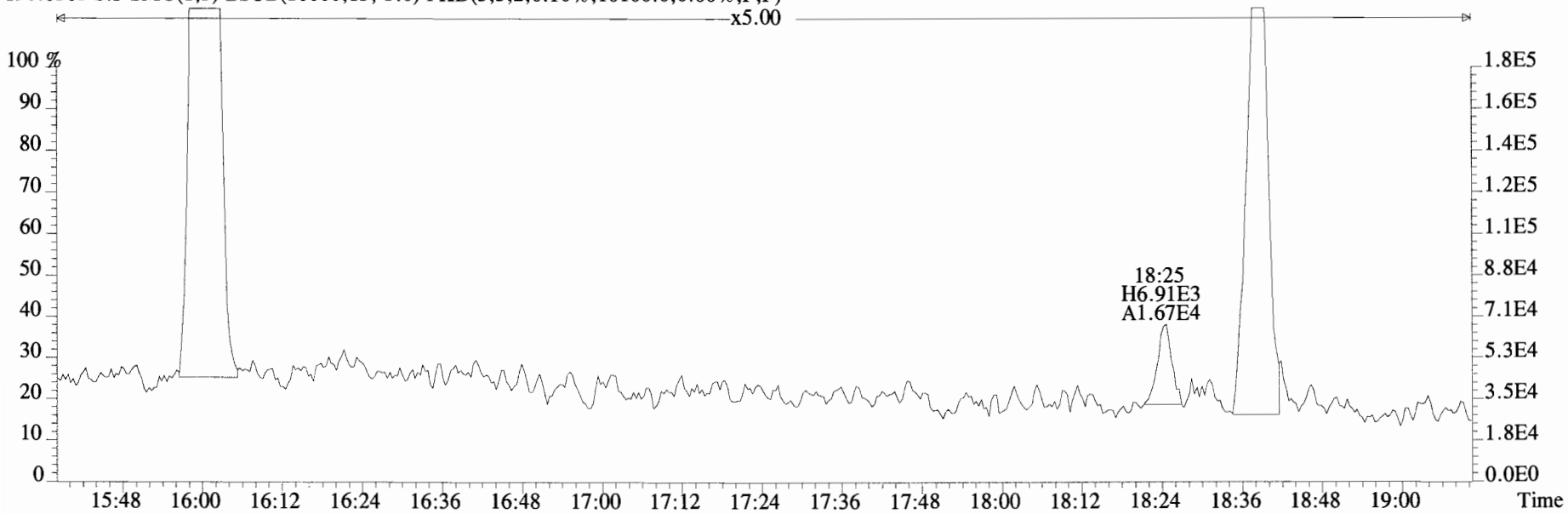
190.0363 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10100.0,0.00%,F,F)



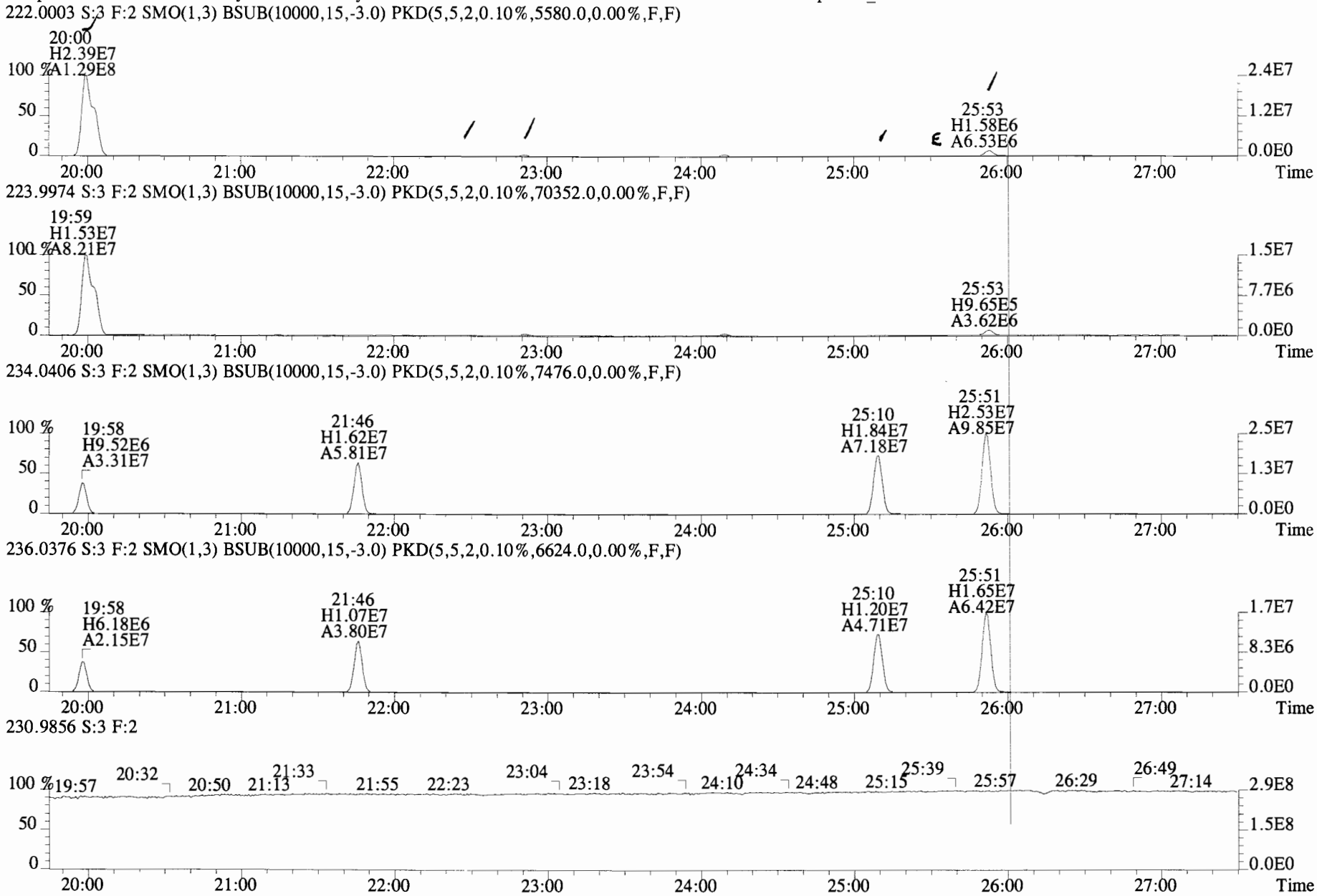
File:180303E1 #1-867 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
188.0393 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19920.0,0.00%,F,F)



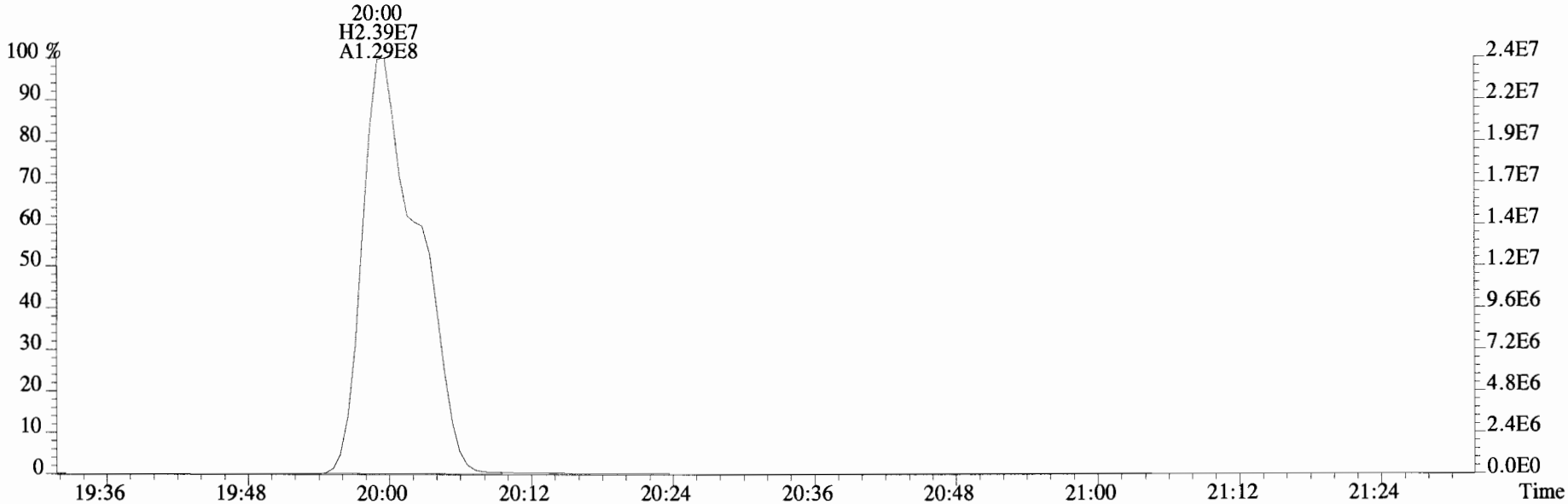
190.0363 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10100.0,0.00%,F,F)



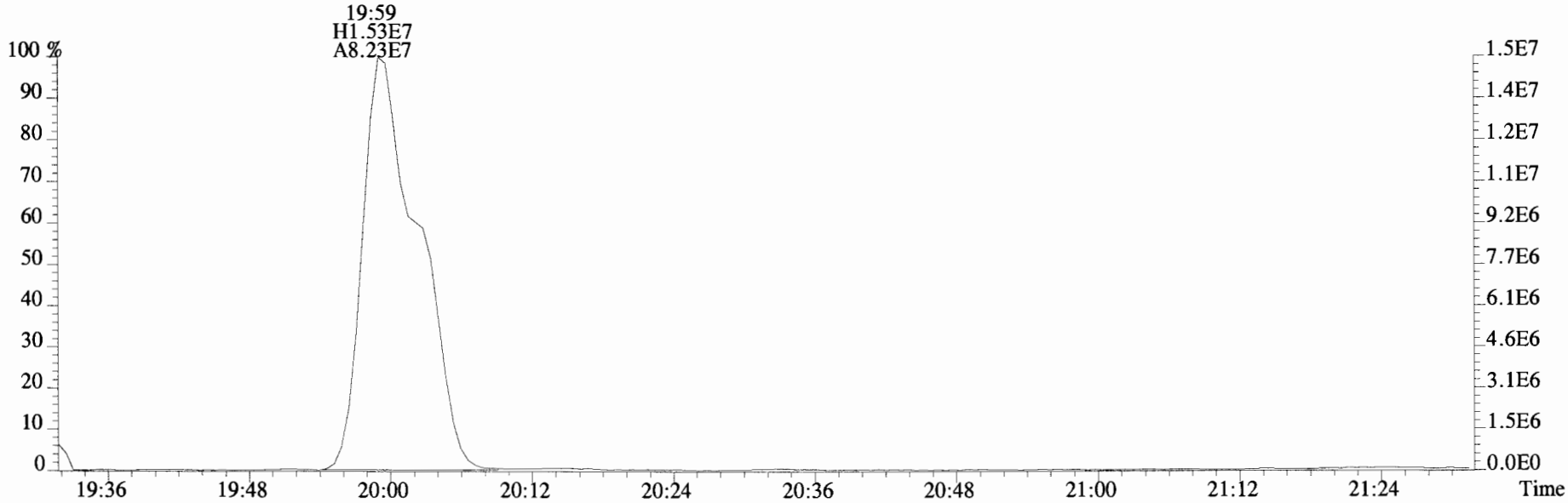
File:180303E1 #1-757 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1



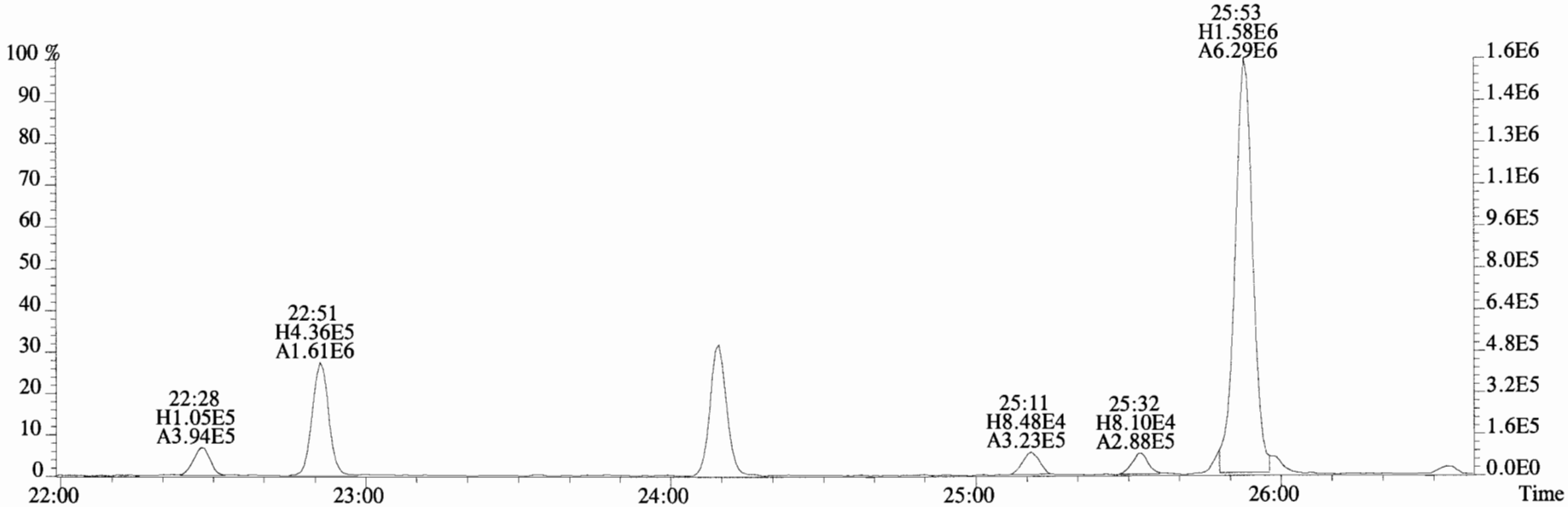
File:180303E1 #1-757 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
222.0003 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5580.0,0.00%,F,F)



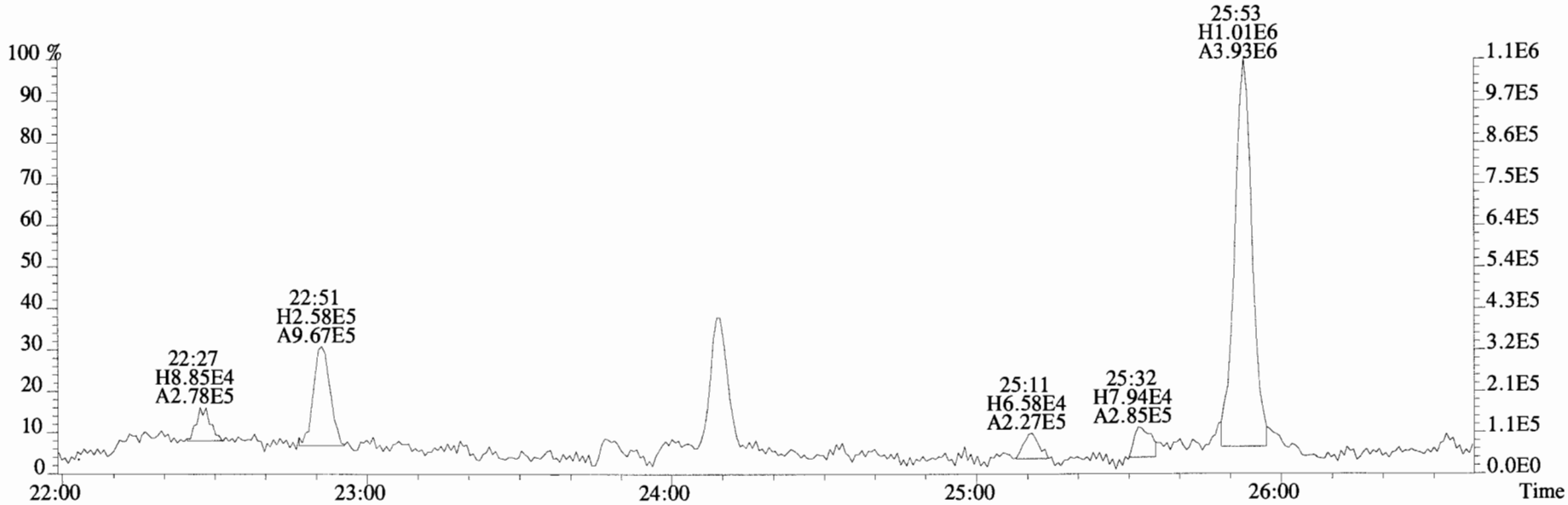
223.9974 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,70352.0,0.00%,F,F)



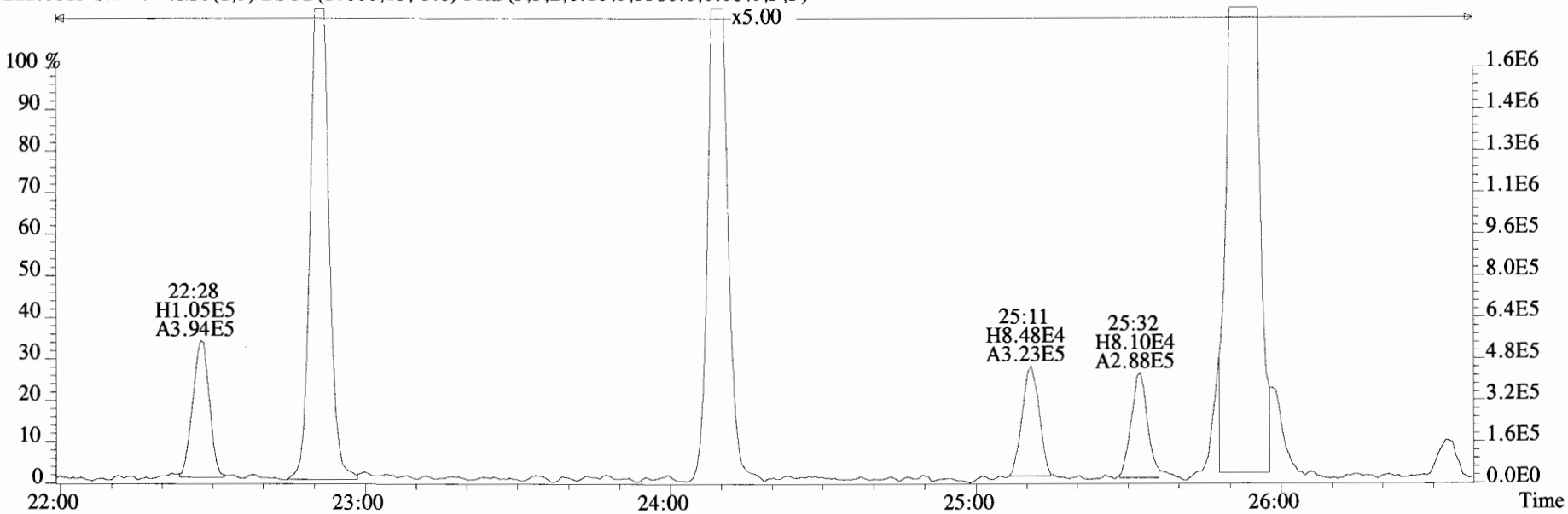
File:180303E1 #1-757 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
222.0003 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5580.0,0.00%,F,F)



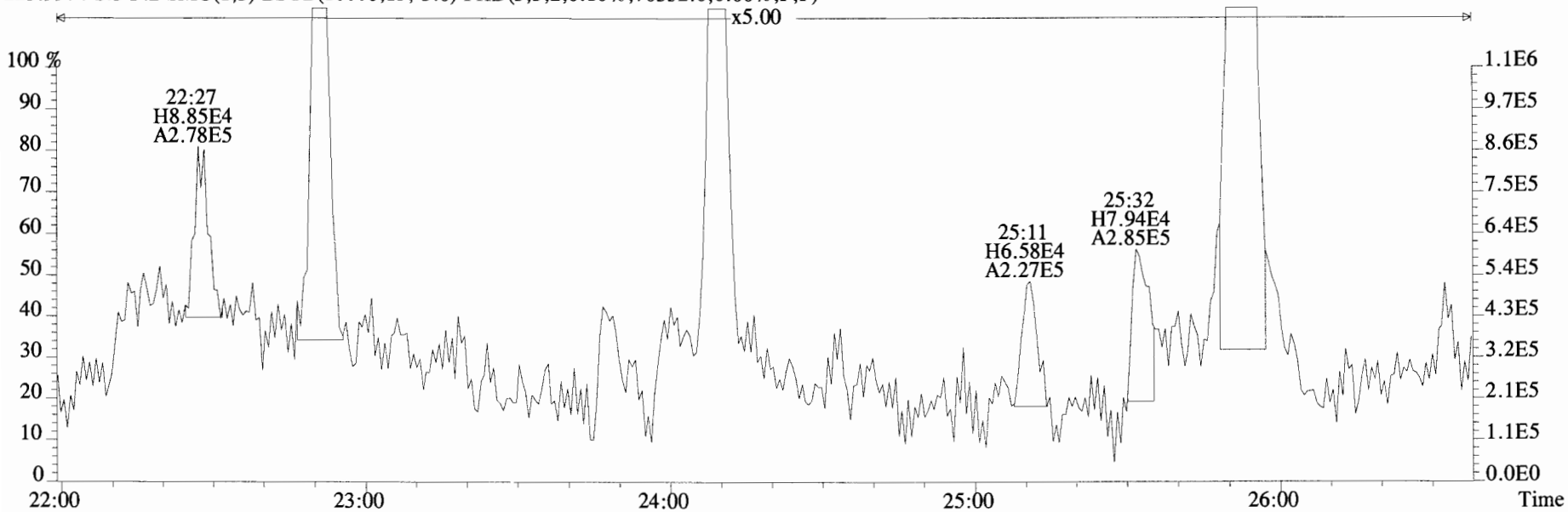
223.9974 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,70352.0,0.00%,F,F)



File:180303E1 #1-757 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
222.0003 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5580.0,0.00%,F,F)

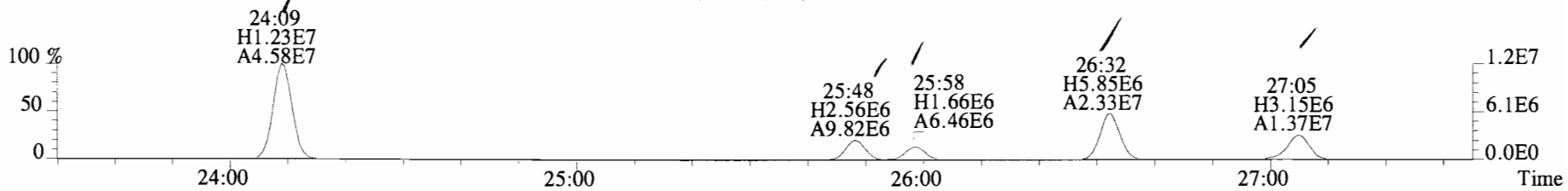


223.9974 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,70352.0,0.00%,F,F)

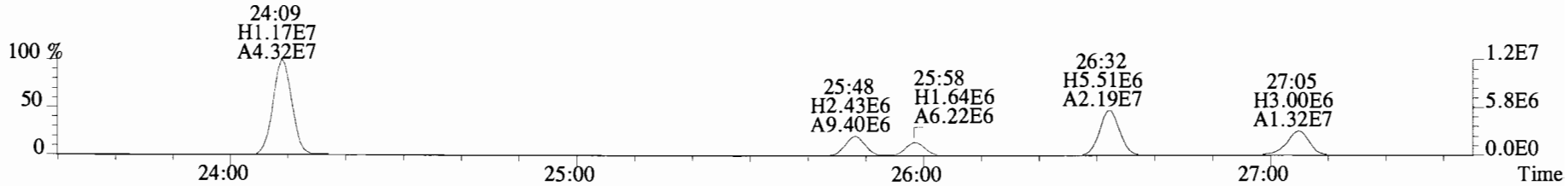


File:180303E1 #1-757 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1

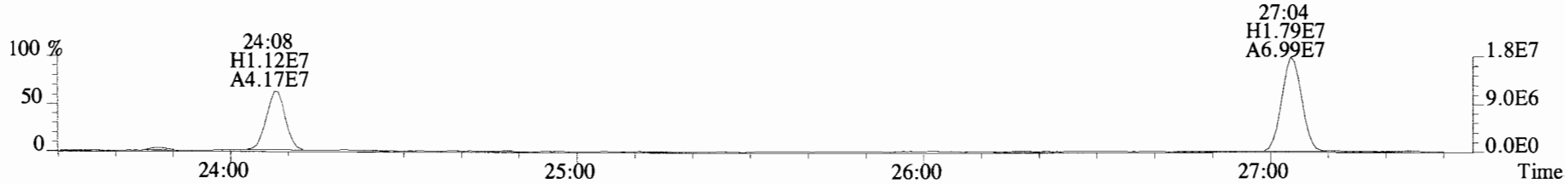
255.9613 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5216.0,0.00%,F,F)



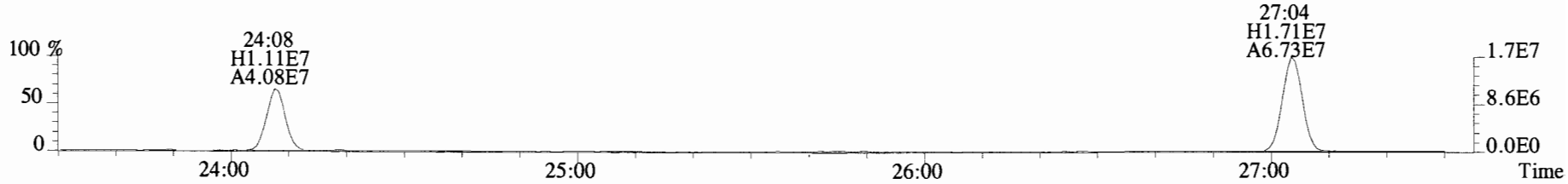
257.9584 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3624.0,0.00%,F,F)



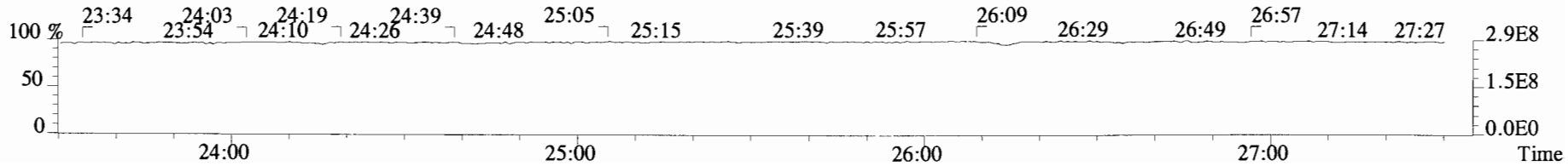
268.0016 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,237924.0,0.00%,F,F)



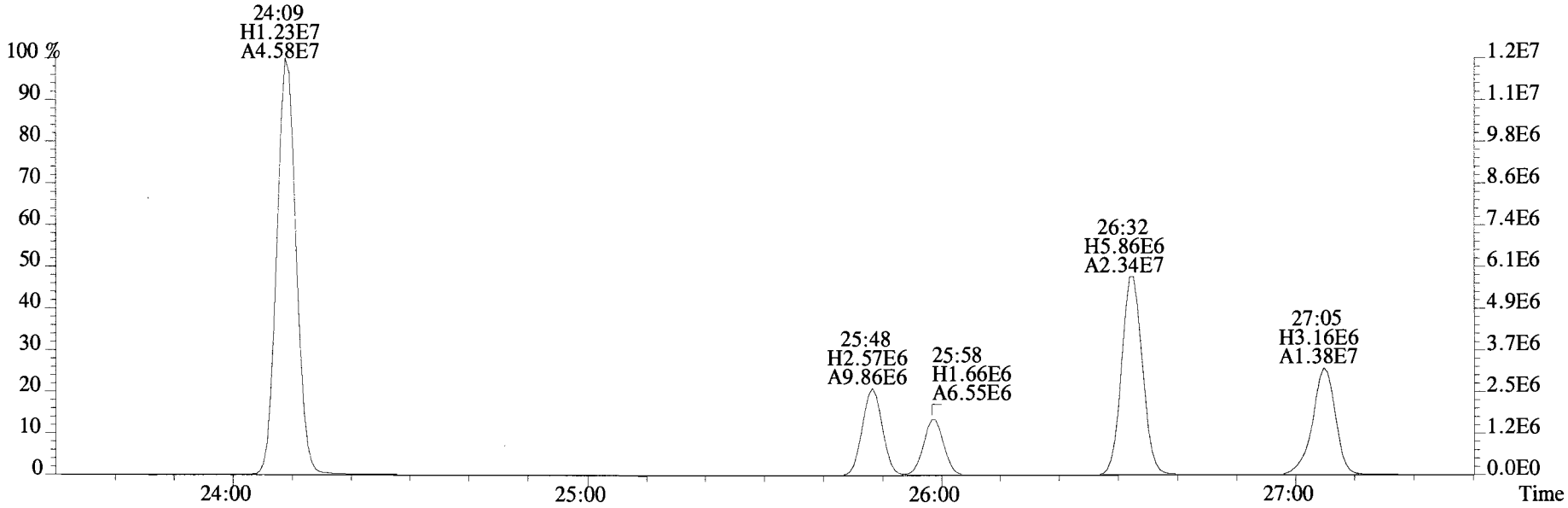
269.9986 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,143720.0,0.00%,F,F)



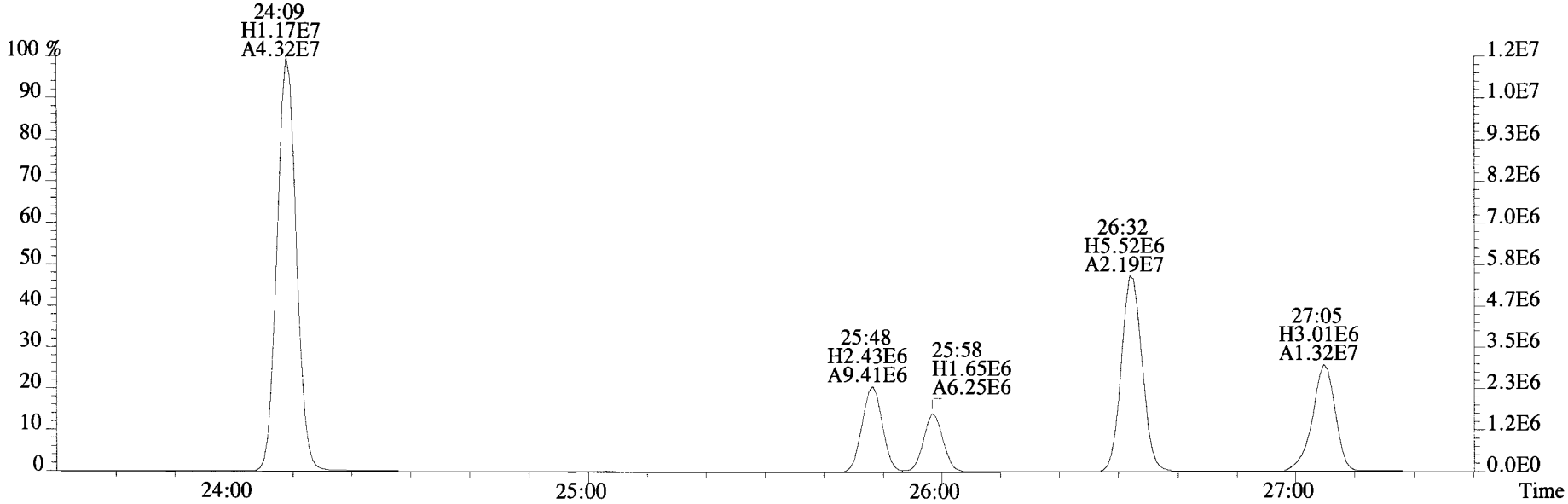
230.9856 S:3 F:2



File:180303E1 #1-757 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
255.9613 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5216.0,0.00%,F,F)

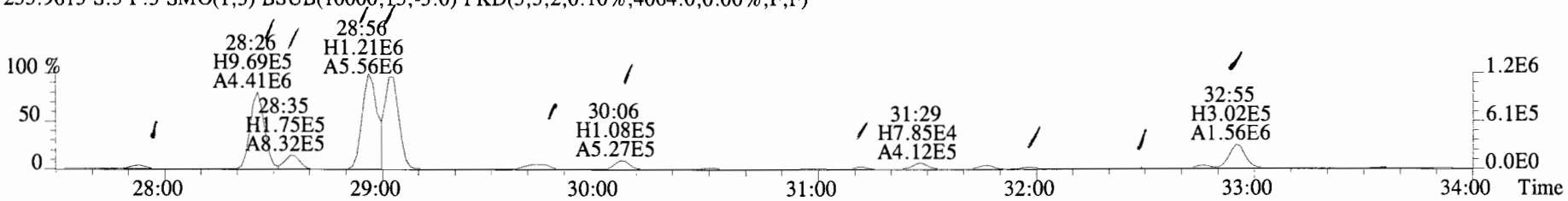


257.9584 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3624.0,0.00%,F,F)

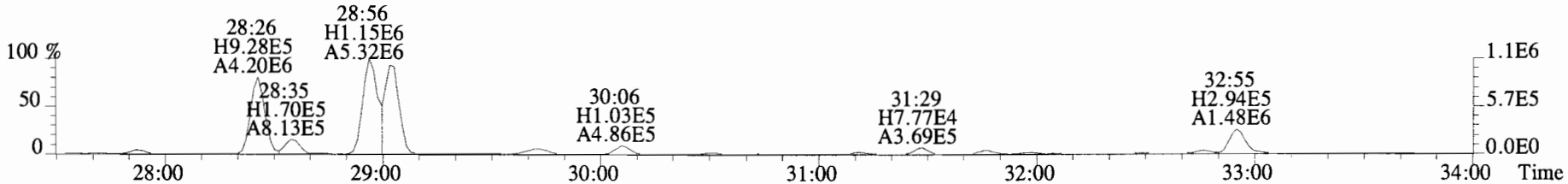


File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1

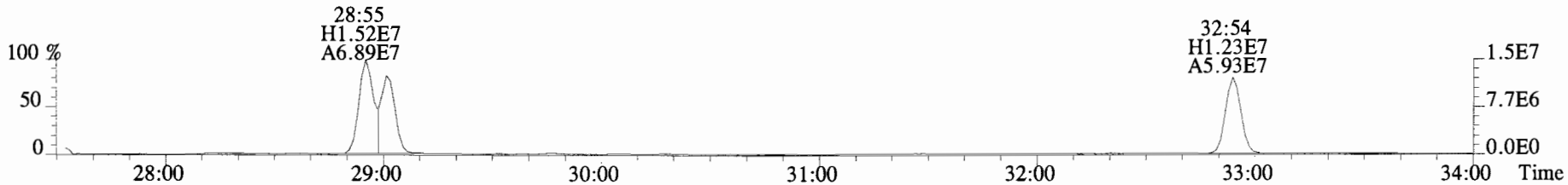
255.9613 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4064.0,0.00%,F,F)



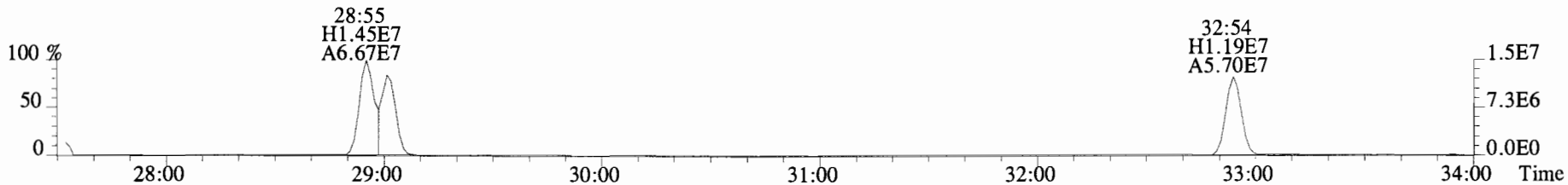
257.9584 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3680.0,0.00%,F,F)



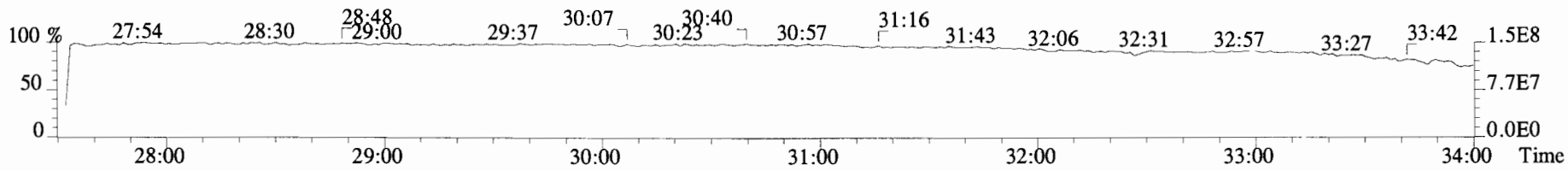
268.0016 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,168960.0,0.00%,F,F)



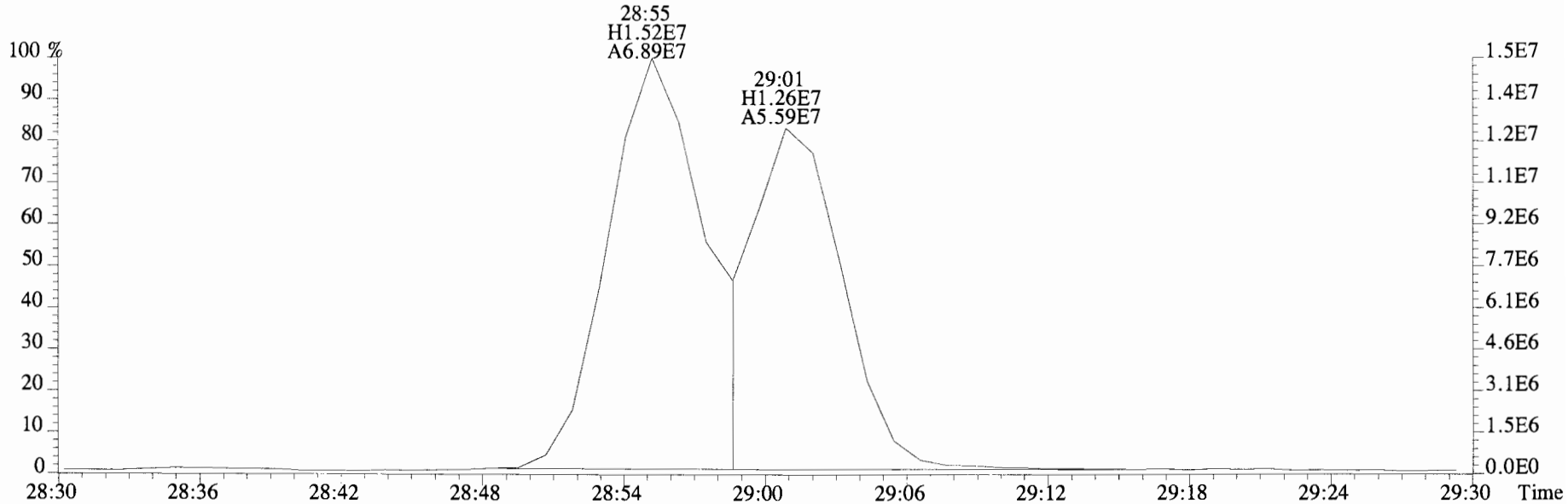
269.9986 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,71396.0,0.00%,F,F)



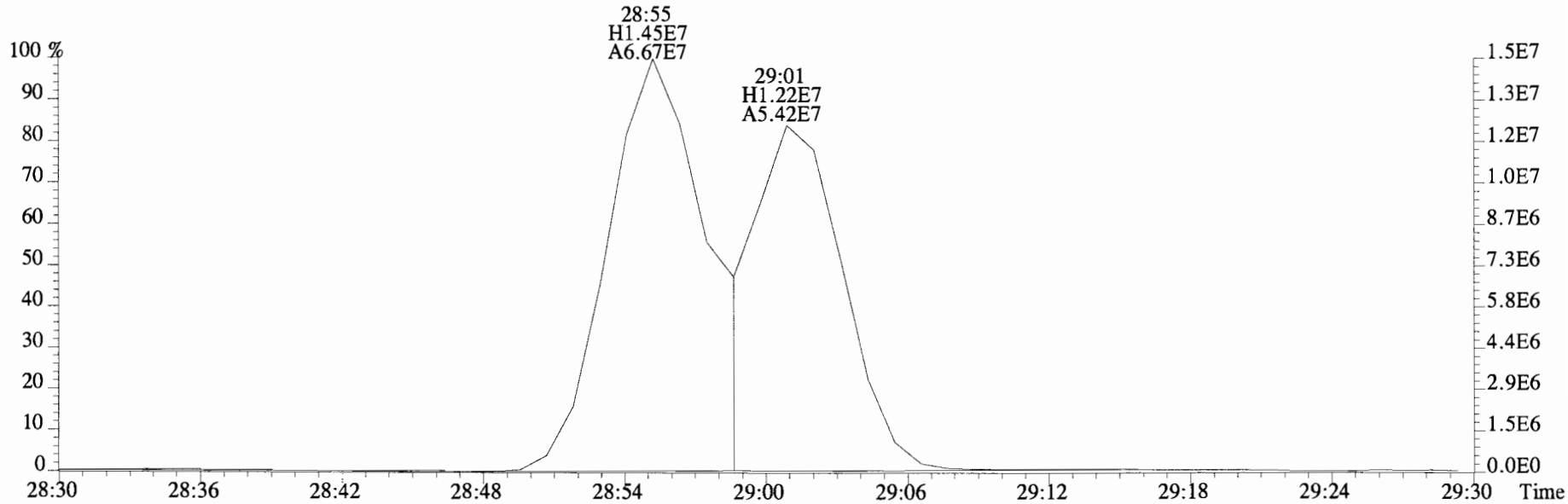
330.9792 S:3 F:3



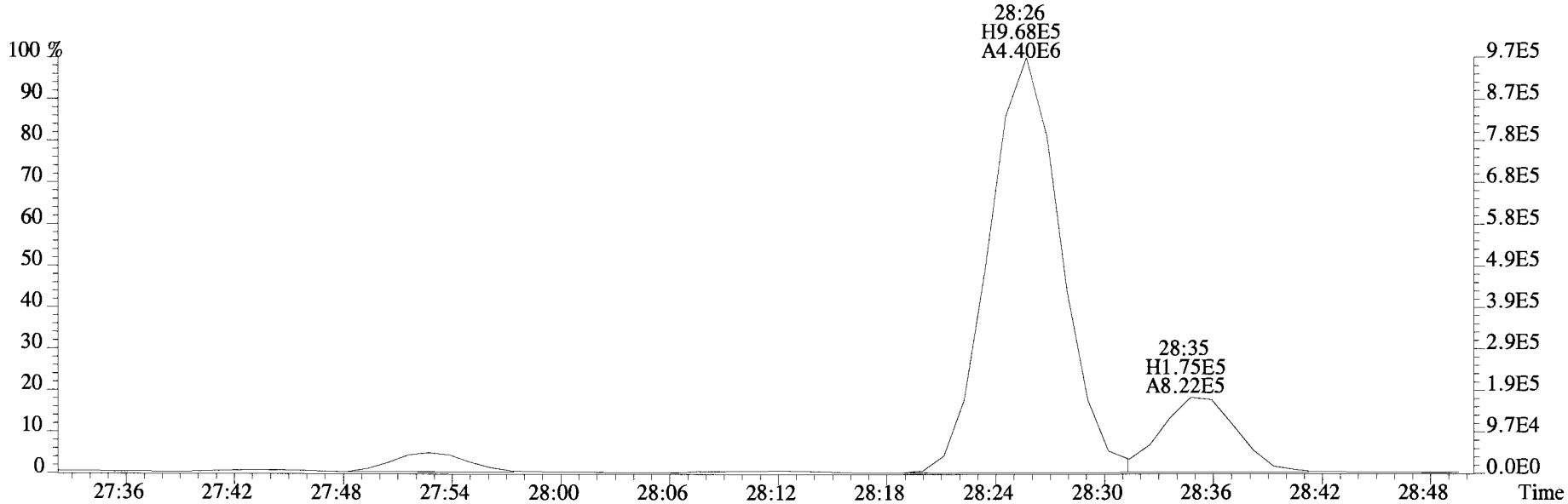
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
268.0016 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,168960.0,0.00%,F,F)



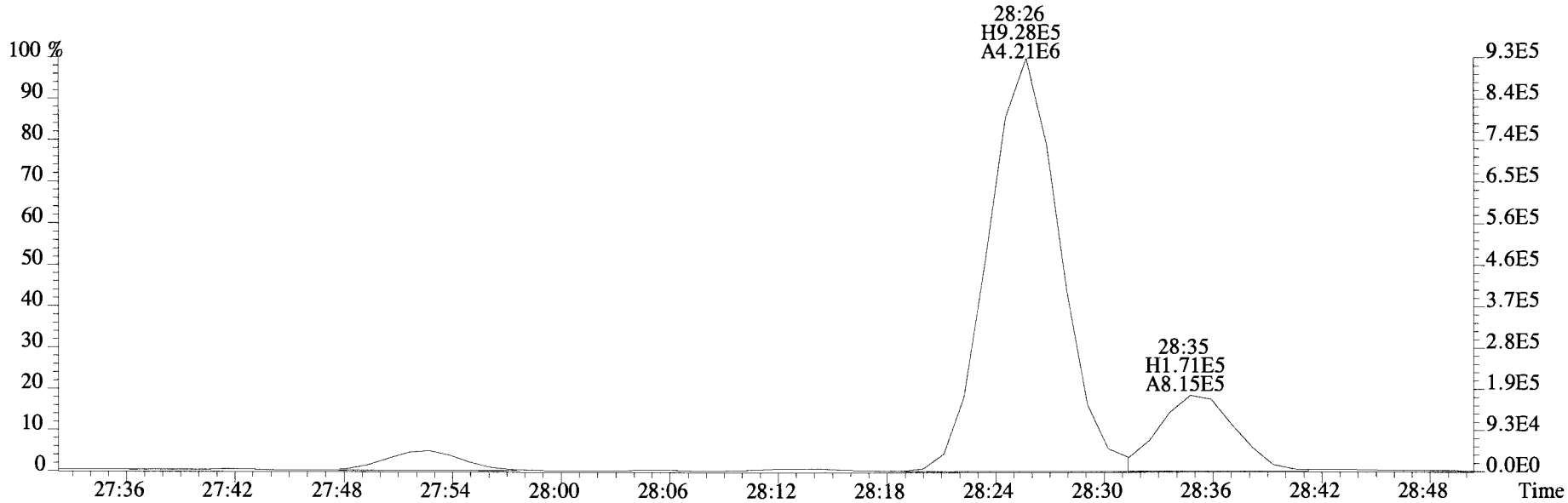
269.9986 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,71396.0,0.00%,F,F)



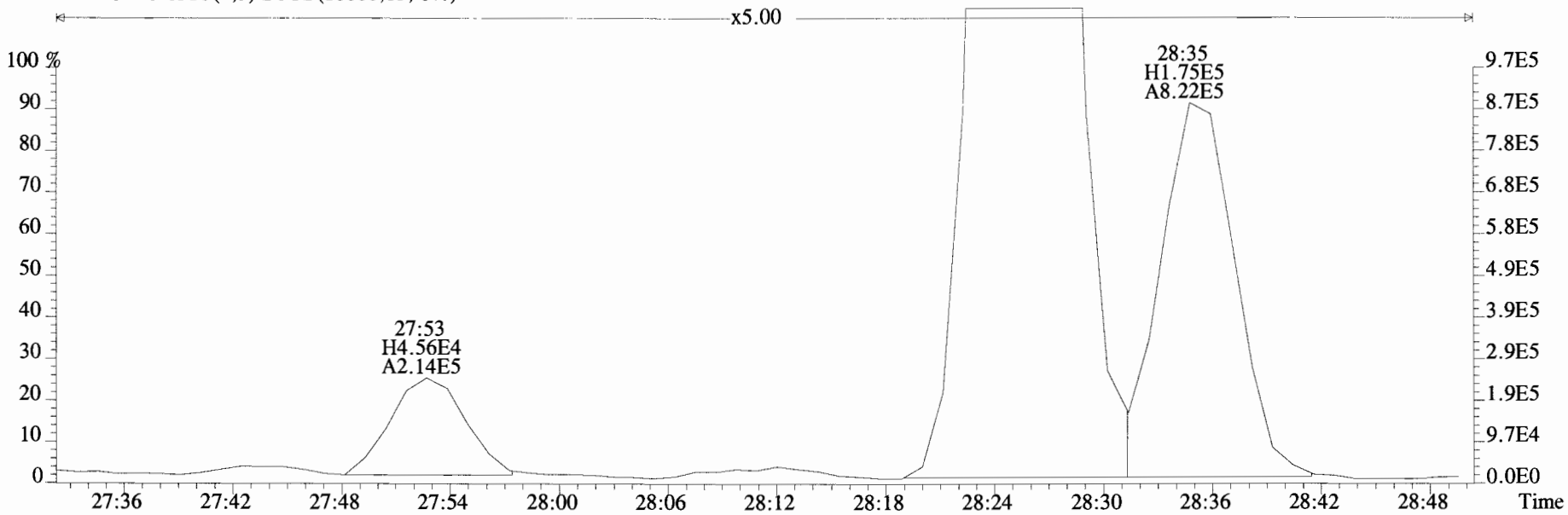
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
255.9613 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



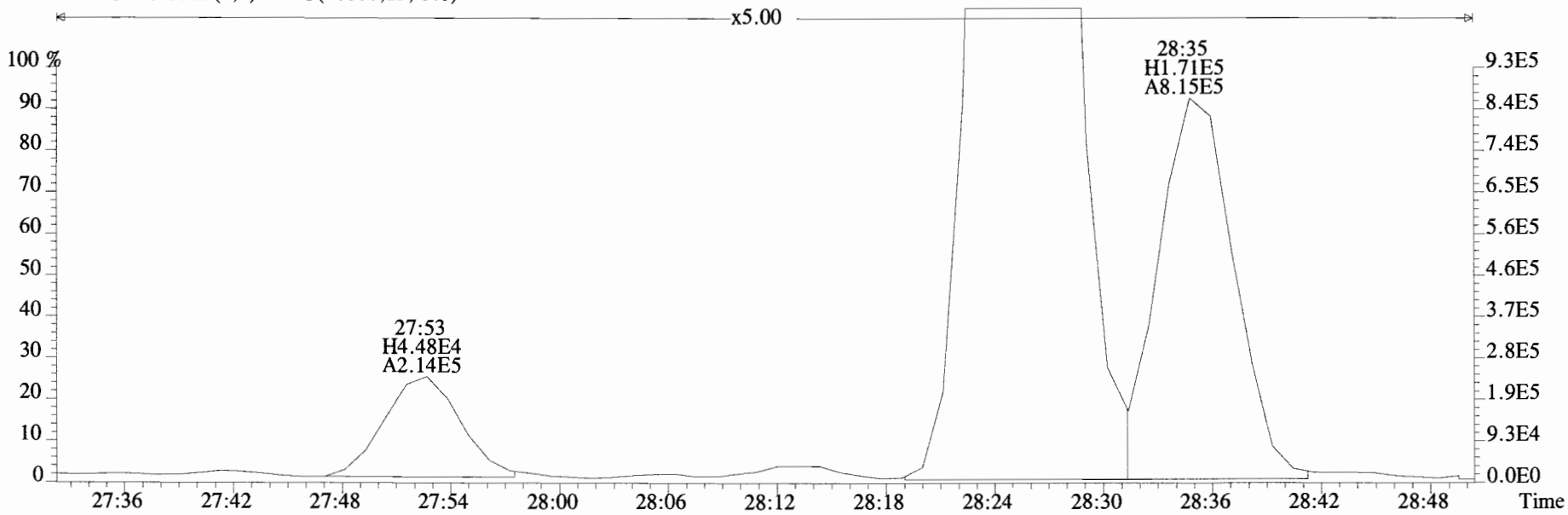
257.9584 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



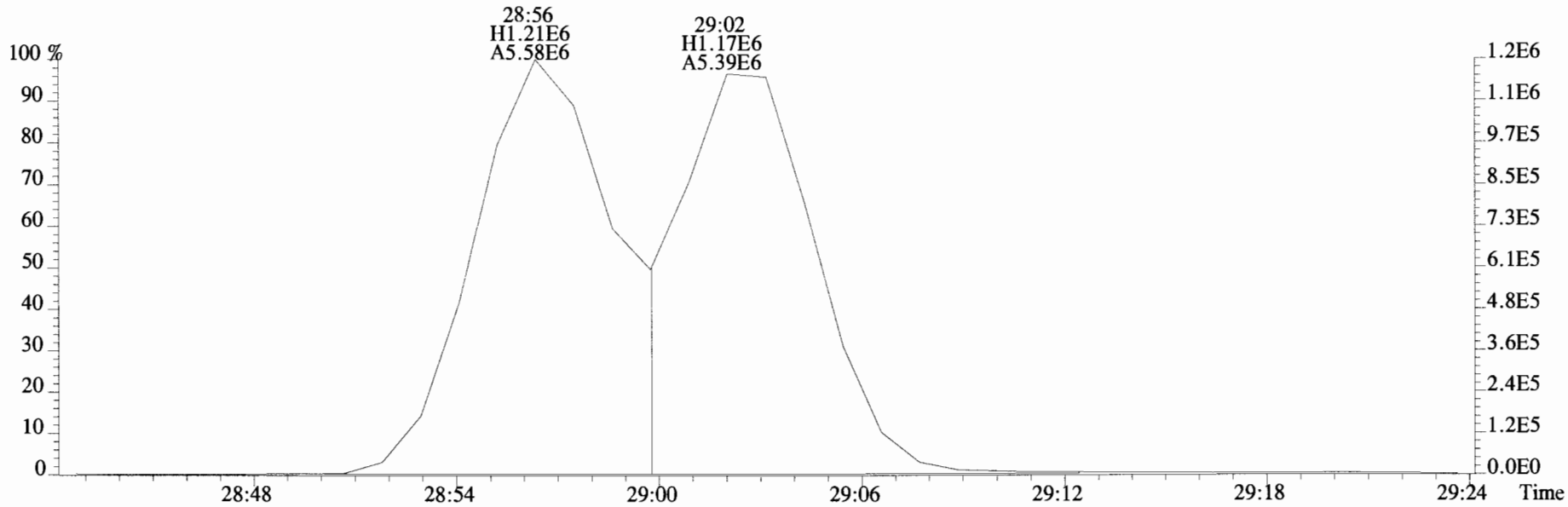
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
255.9613 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



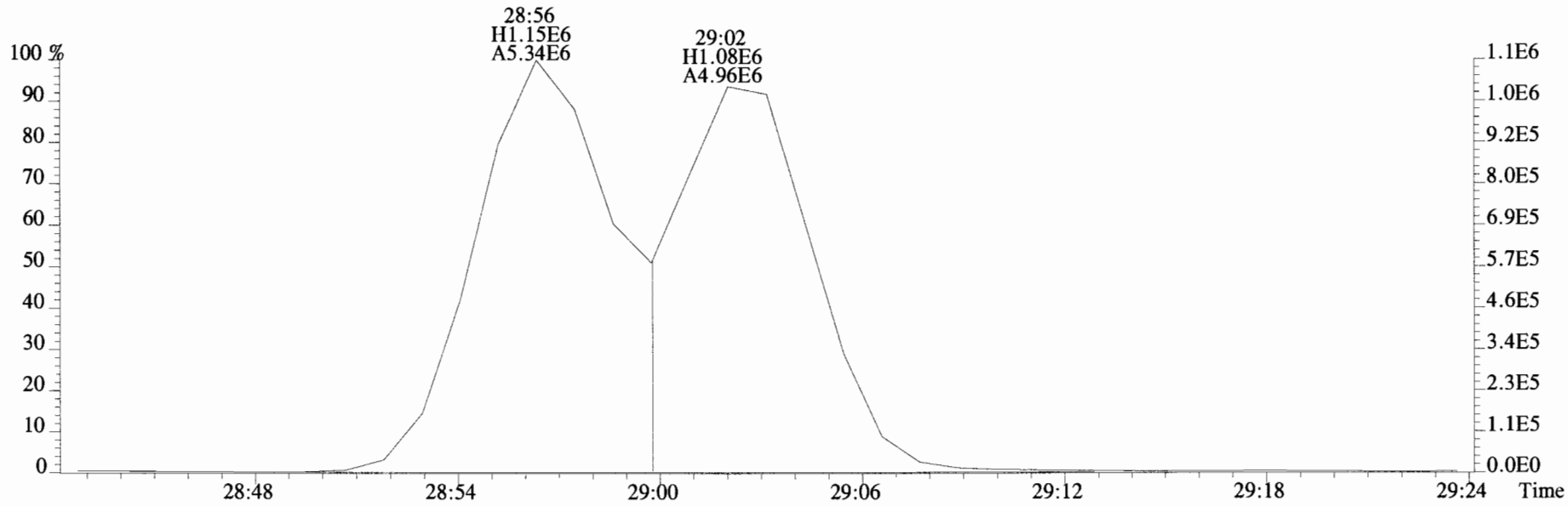
257.9584 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



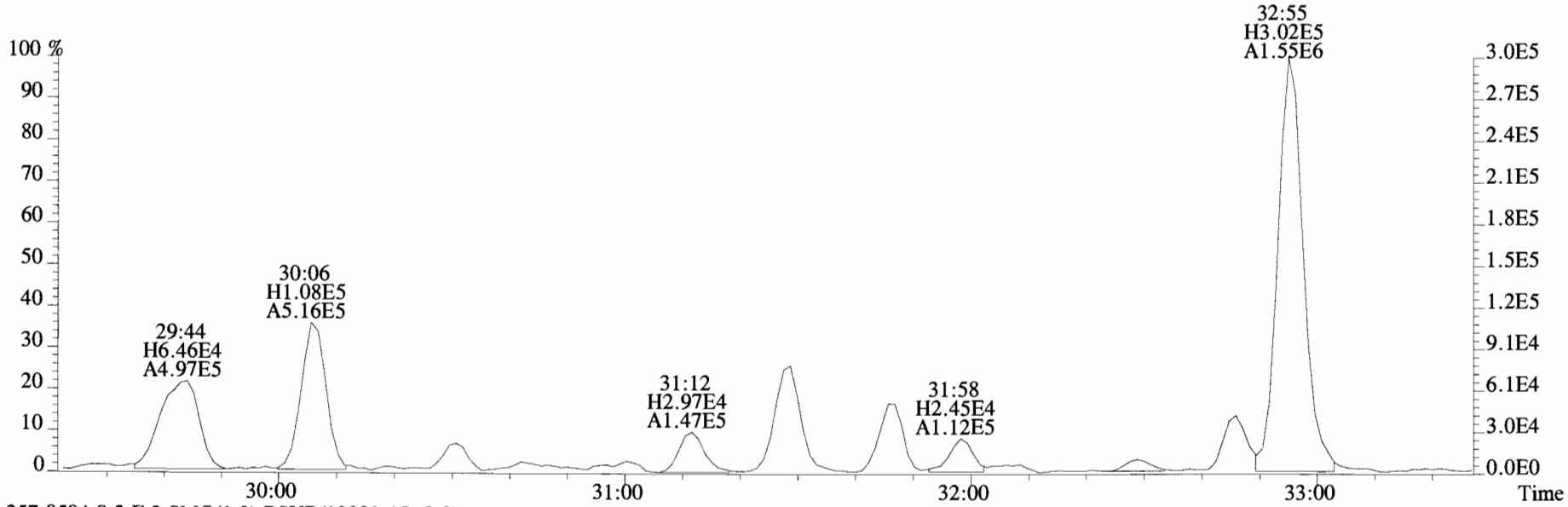
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
255.9613 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



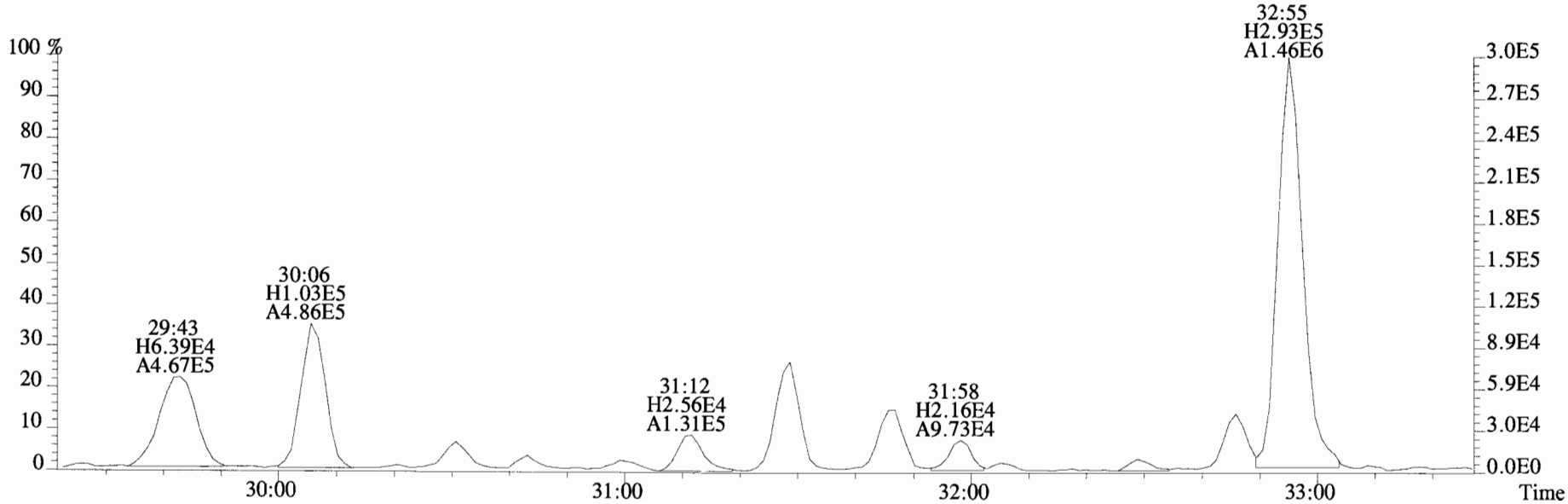
257.9584 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



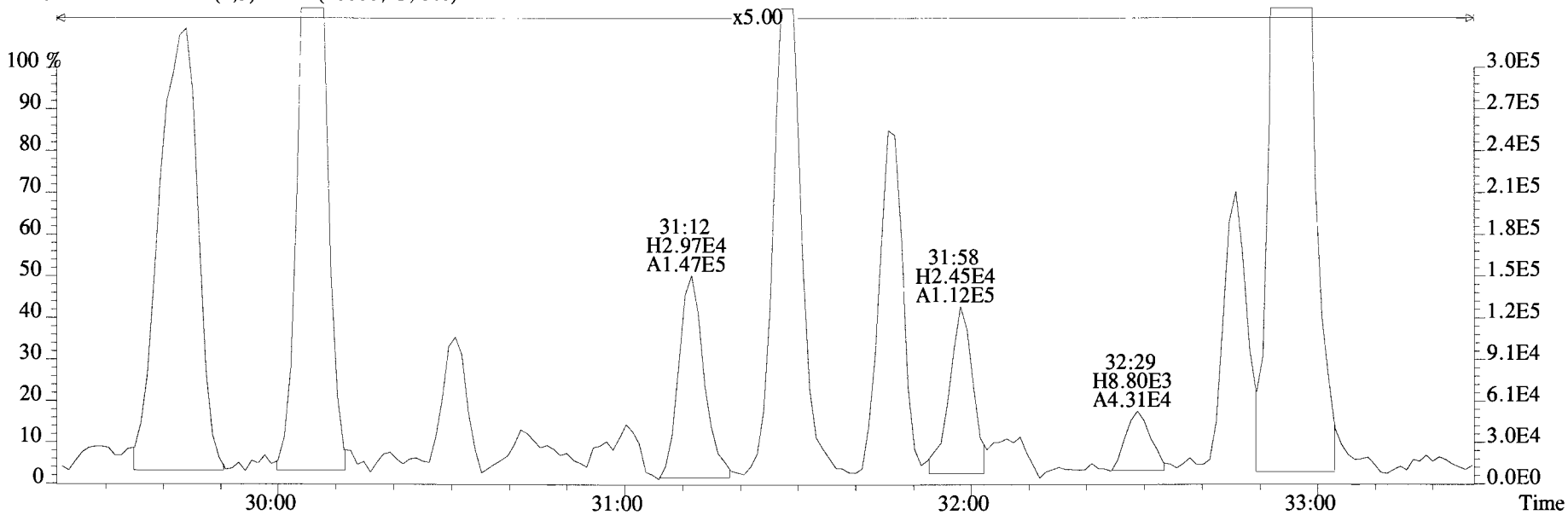
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
255.9613 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



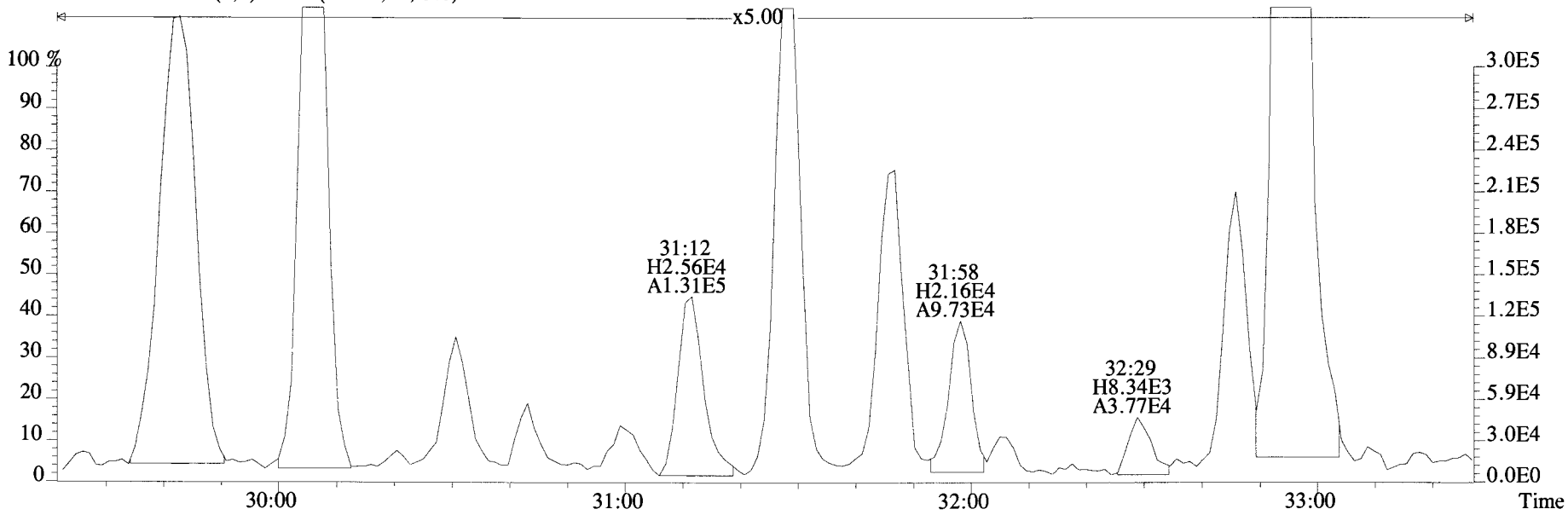
257.9584 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



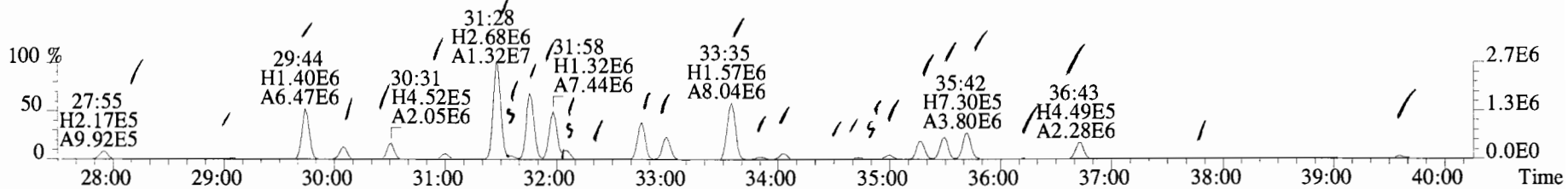
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
255.9613 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



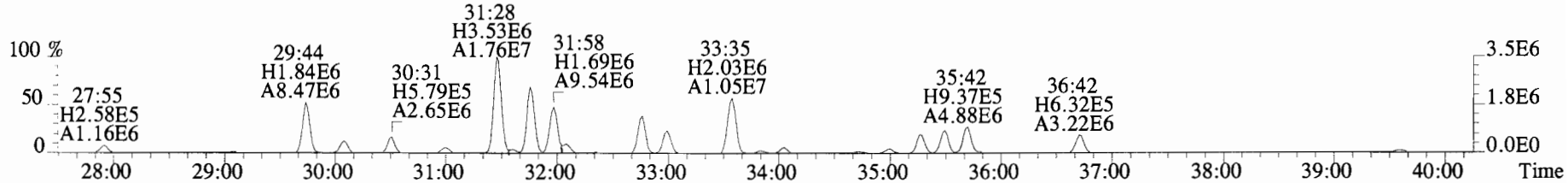
257.9584 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



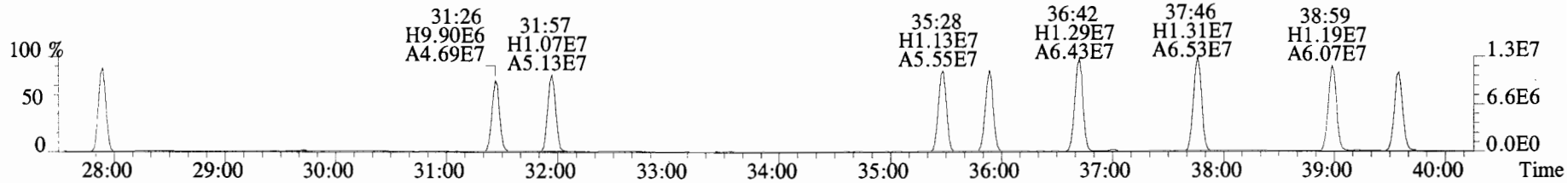
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2876.0,0.00%,F,F)



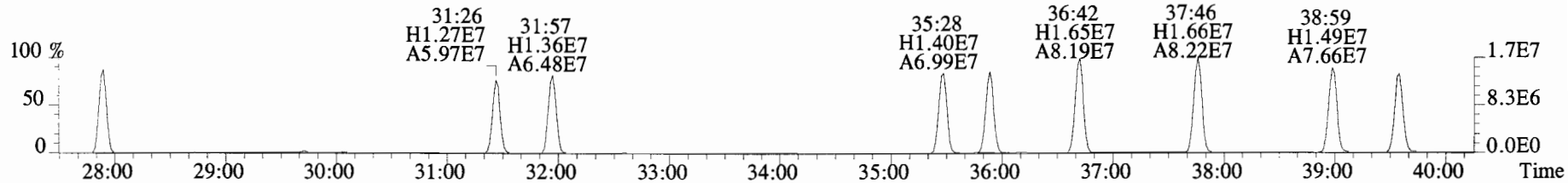
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3148.0,0.00%,F,F)



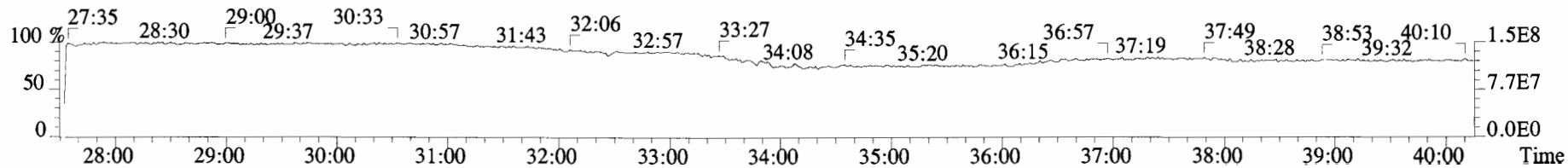
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,68320.0,0.00%,F,F)



303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38132.0,0.00%,F,F)

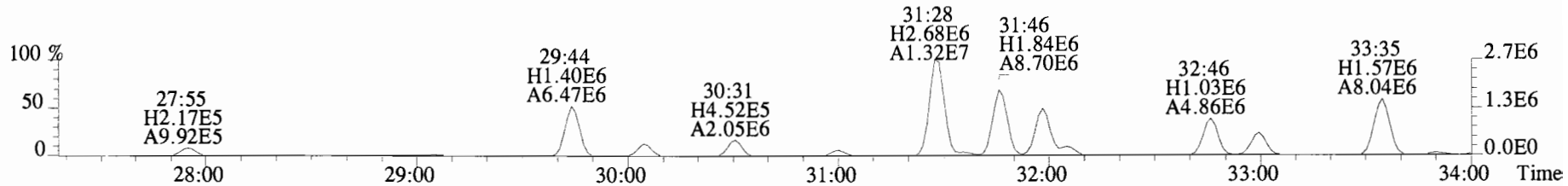


330.9792 S:3 F:3

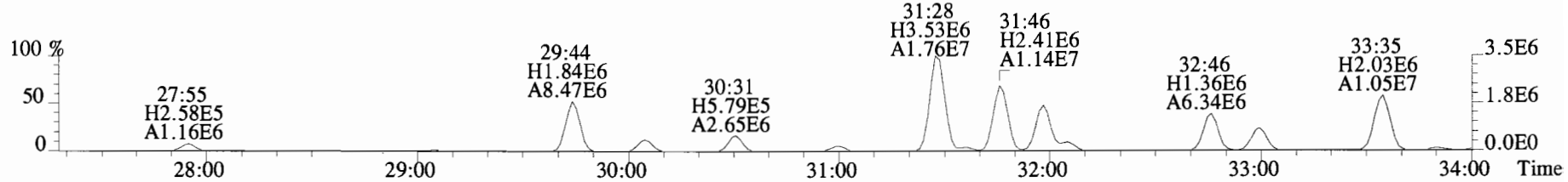


File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1

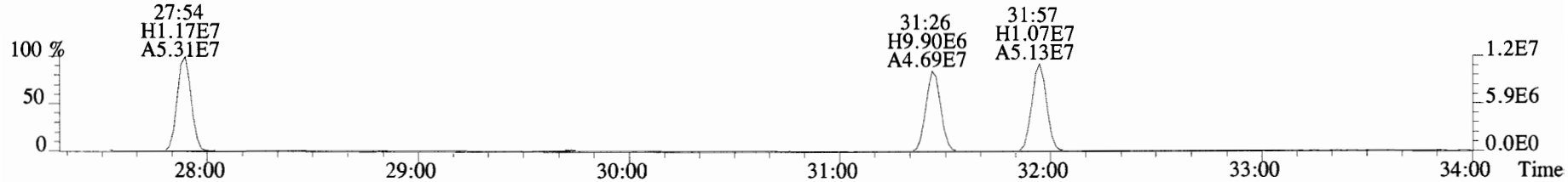
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2876.0,0.00%,F,F)



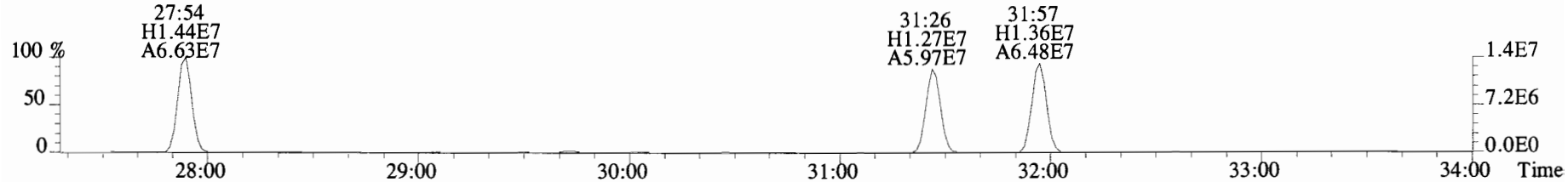
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3148.0,0.00%,F,F)



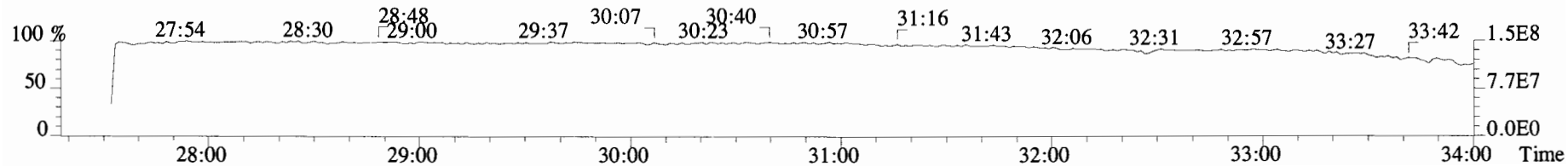
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,68320.0,0.00%,F,F)



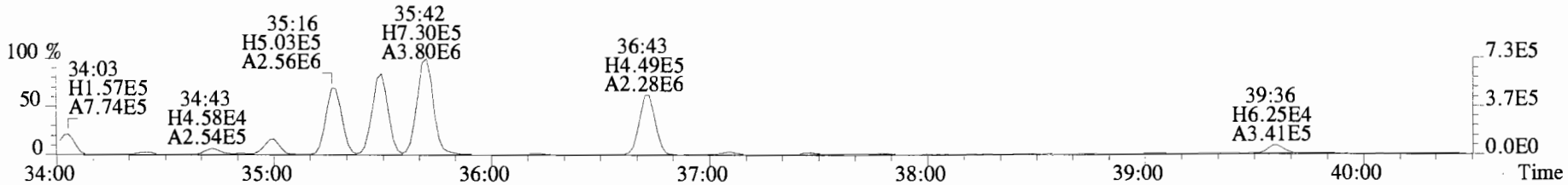
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38132.0,0.00%,F,F)



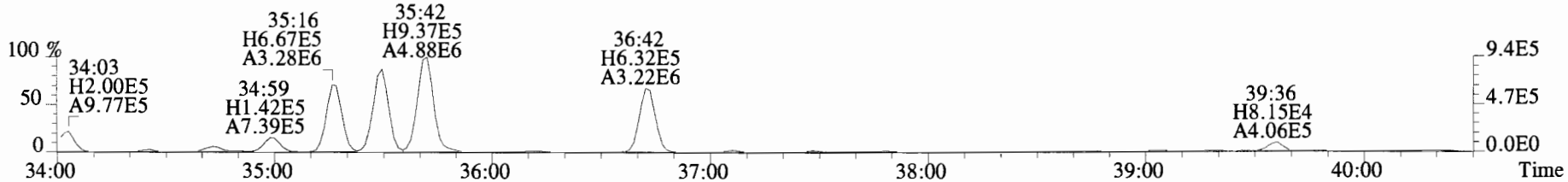
330.9792 S:3 F:3



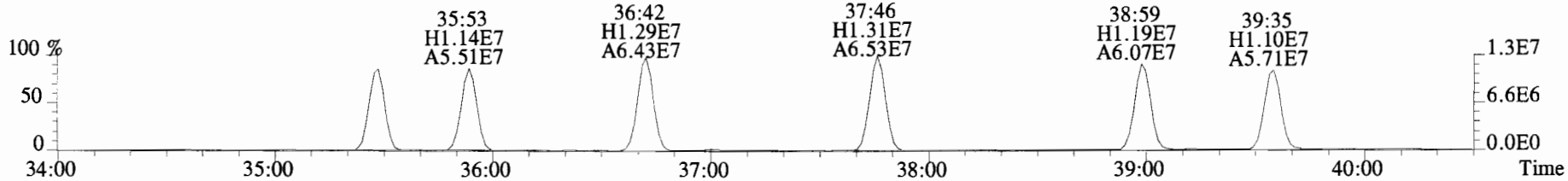
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2876.0,0.00%,F,F)



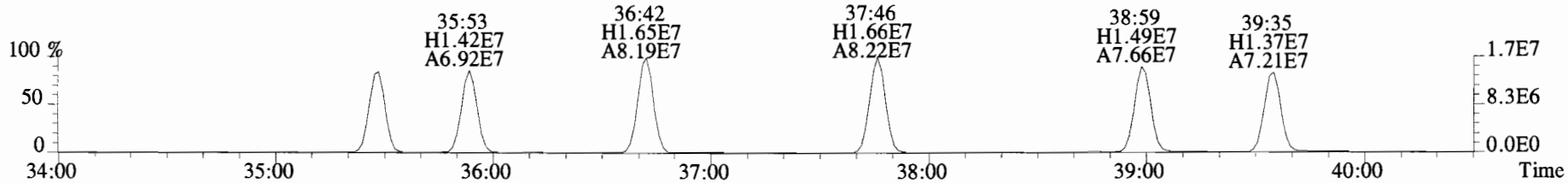
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3148.0,0.00%,F,F)



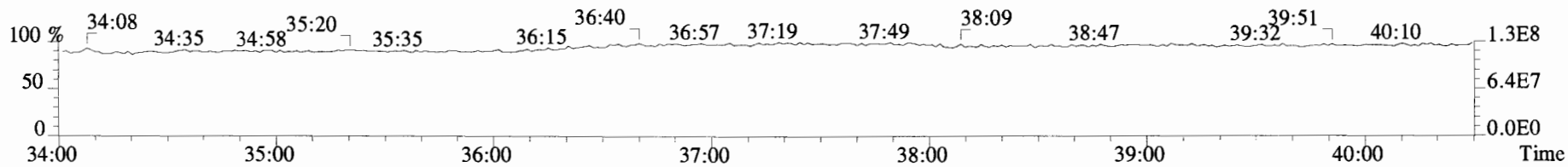
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,68320.0,0.00%,F,F)



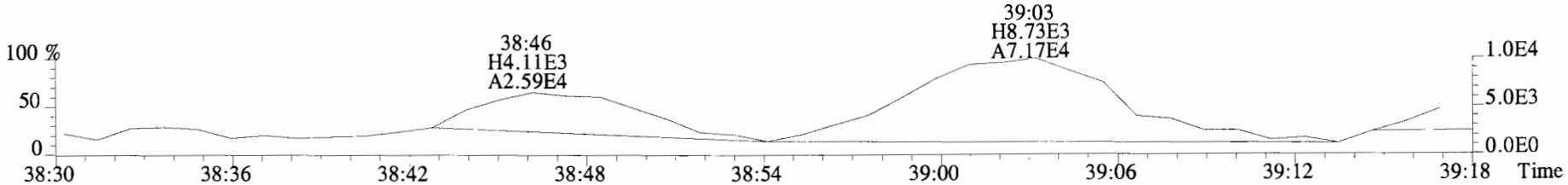
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38132.0,0.00%,F,F)



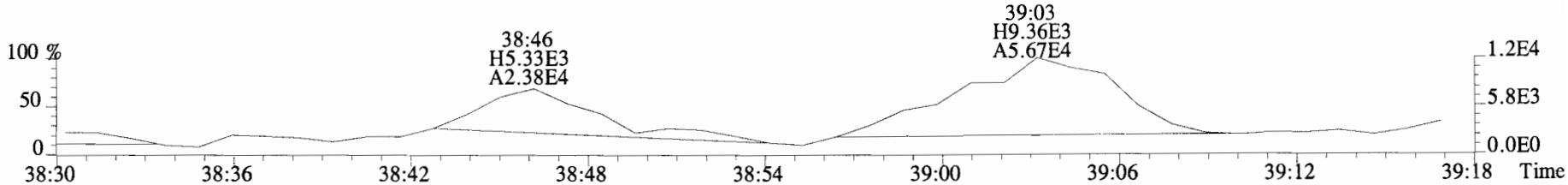
330.9792 S:3 F:3



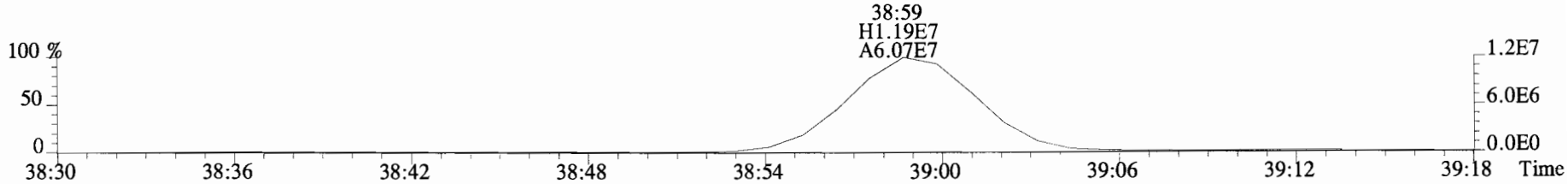
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2876.0,0.00%,F,F)



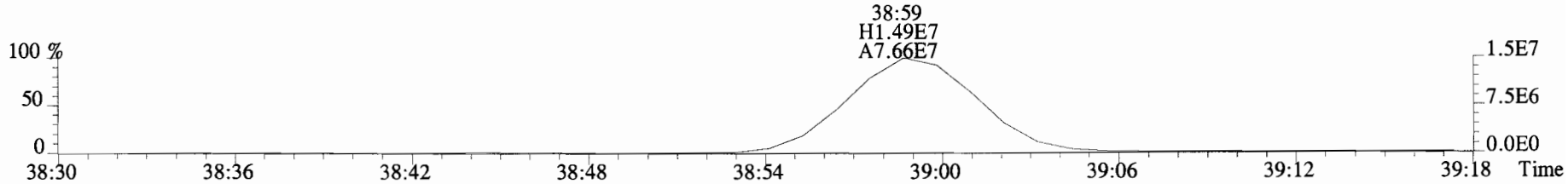
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3148.0,0.00%,F,F)



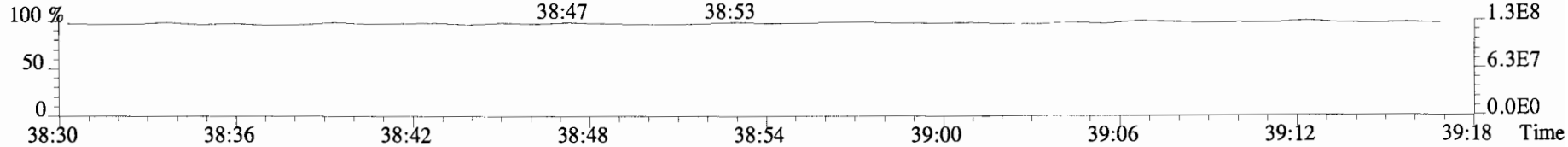
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,68320.0,0.00%,F,F)



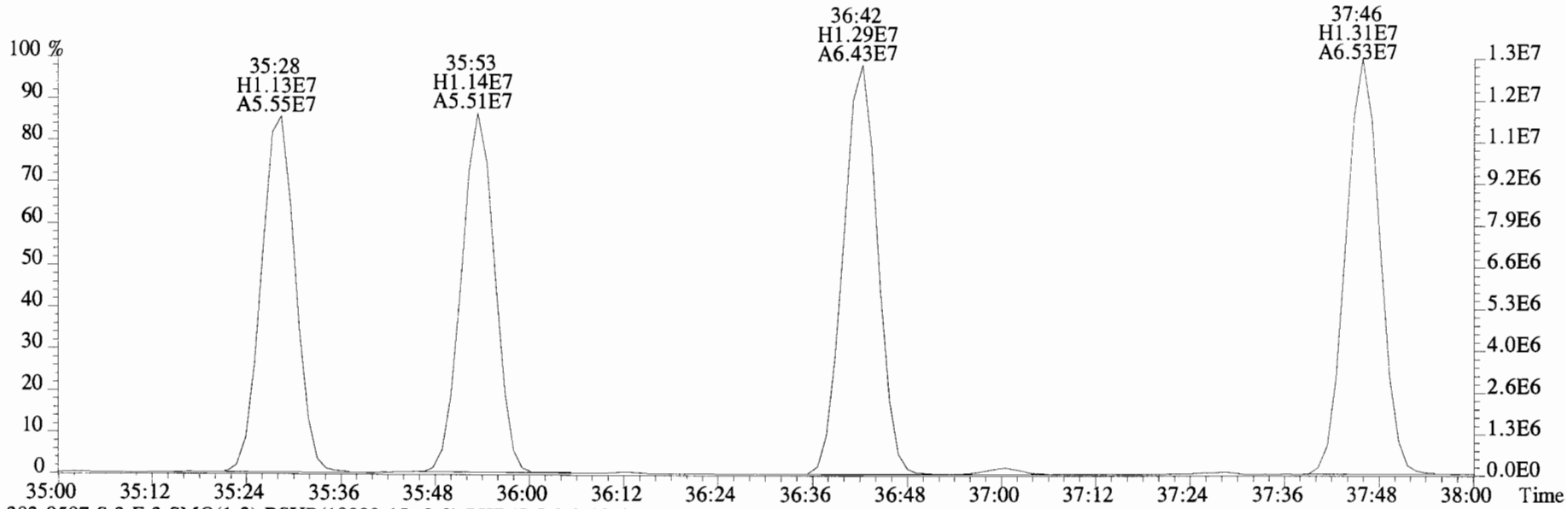
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38132.0,0.00%,F,F)



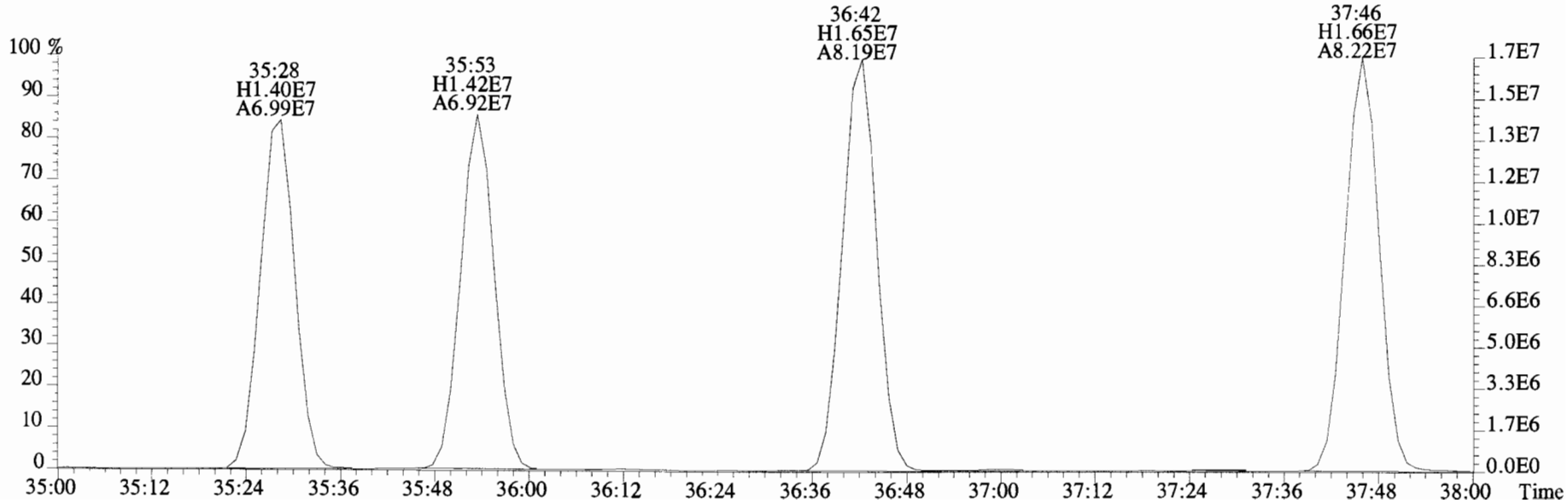
330.9792 S:3 F:3



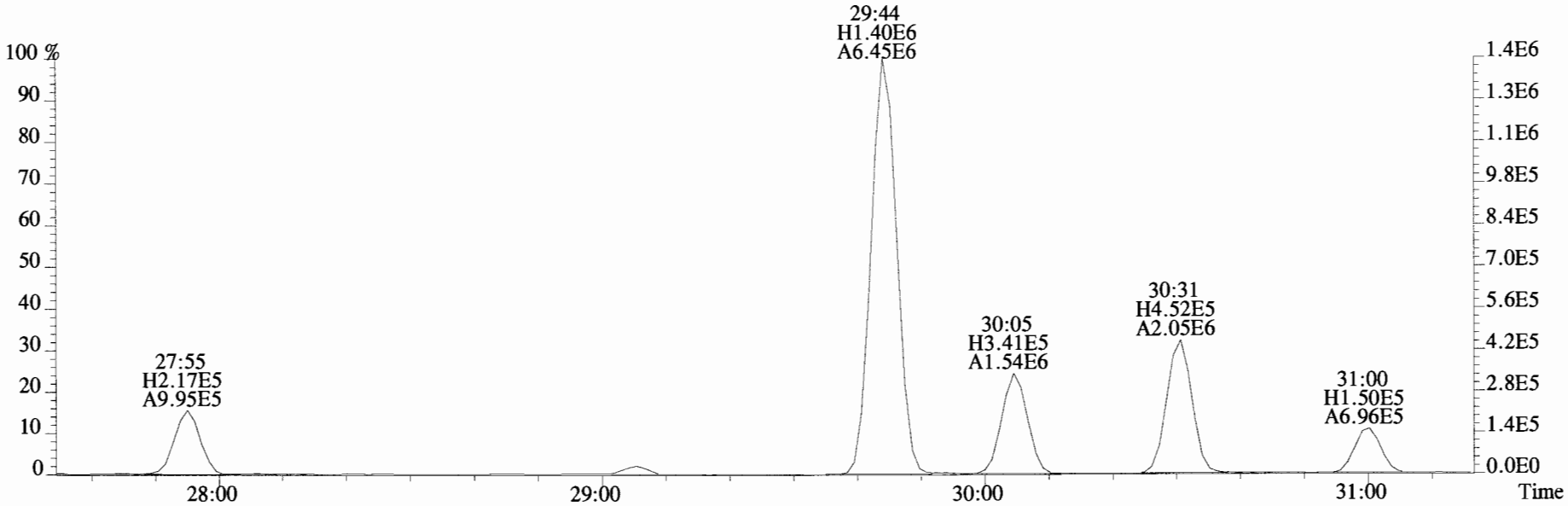
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,68320.0,0.00%,F,F)



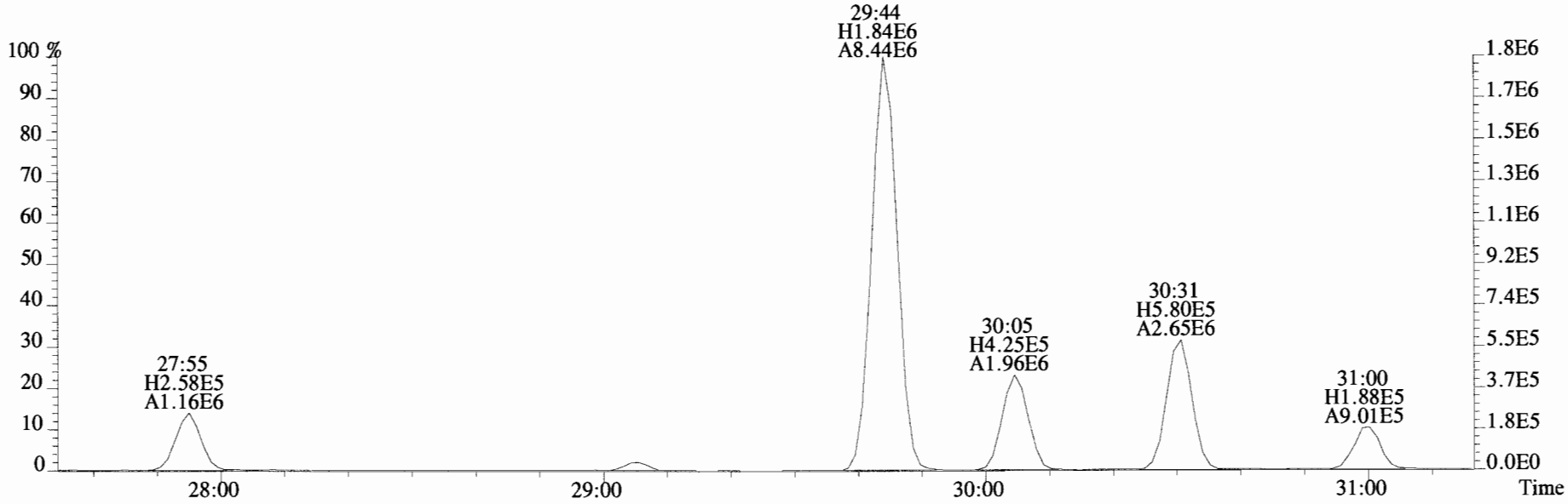
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38132.0,0.00%,F,F)



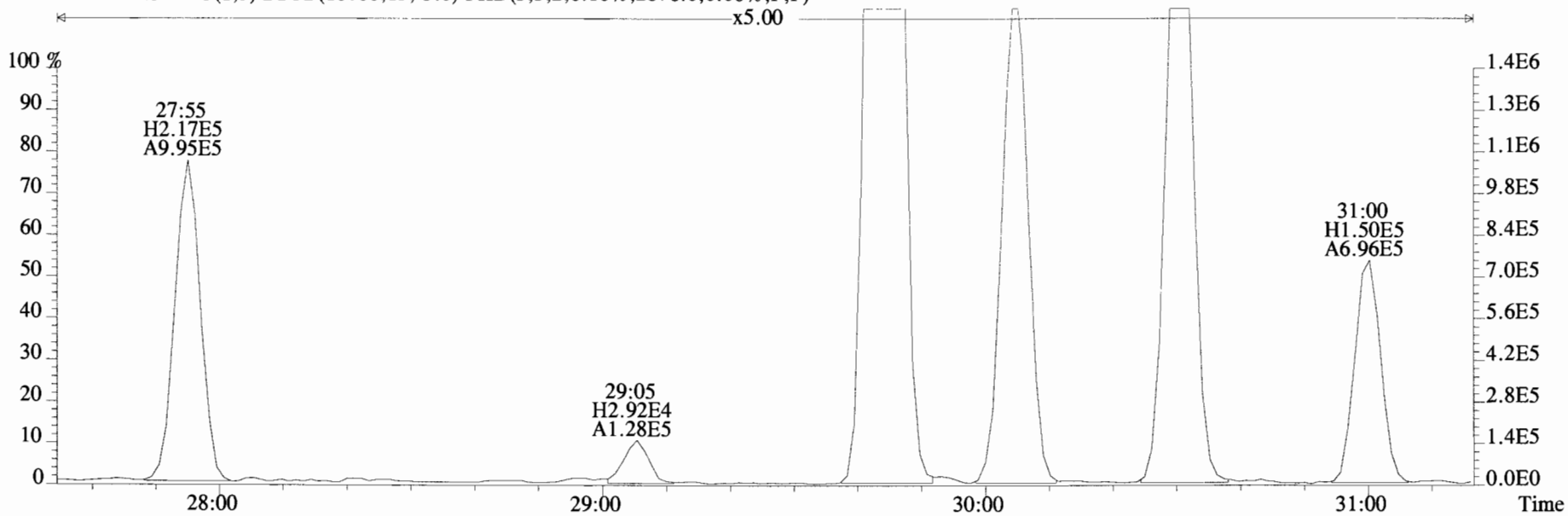
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2876.0,0.00%,F,F)



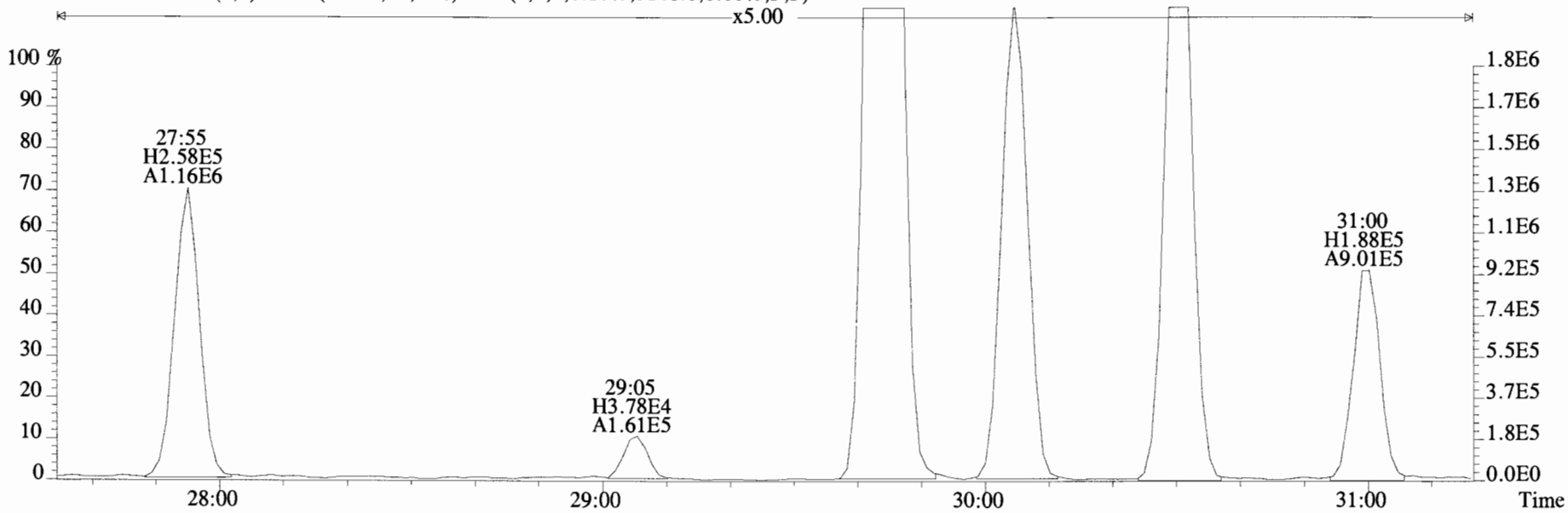
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3148.0,0.00%,F,F)



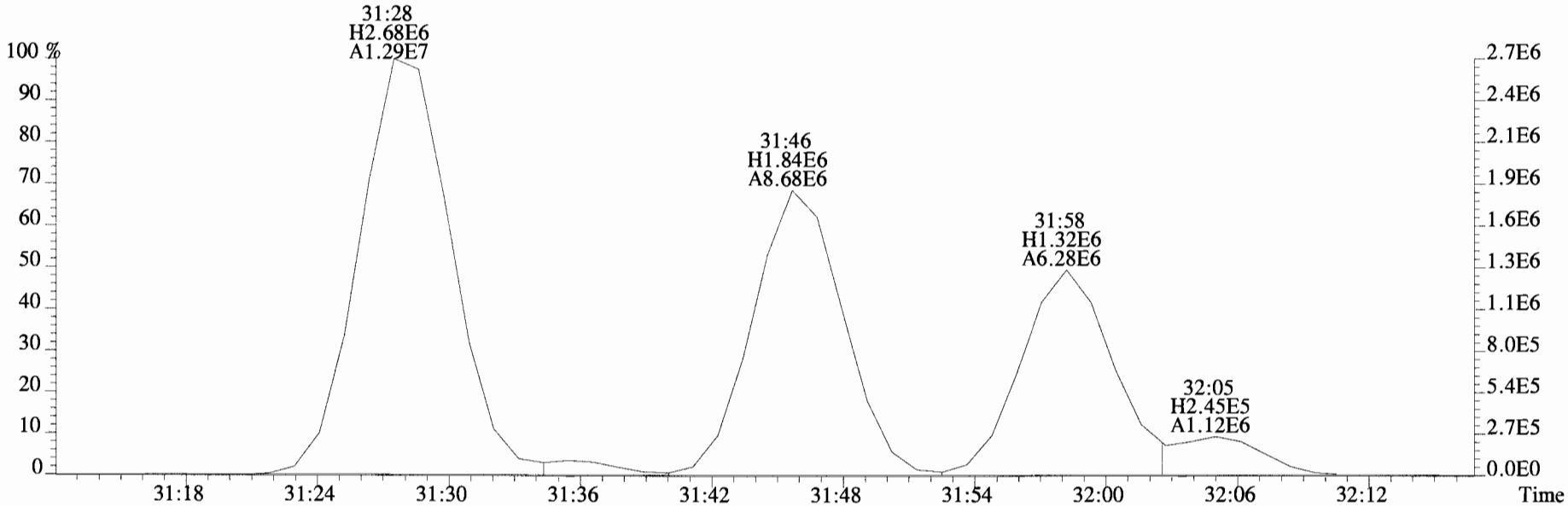
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2876.0,0.00%,F,F)



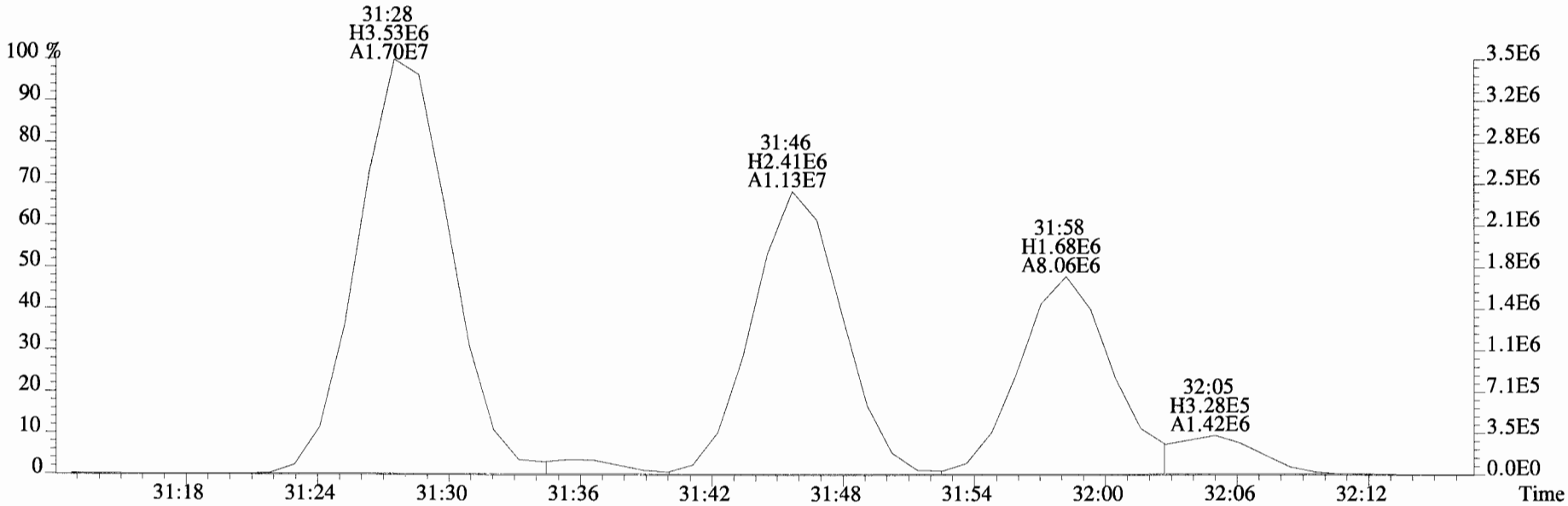
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3148.0,0.00%,F,F)



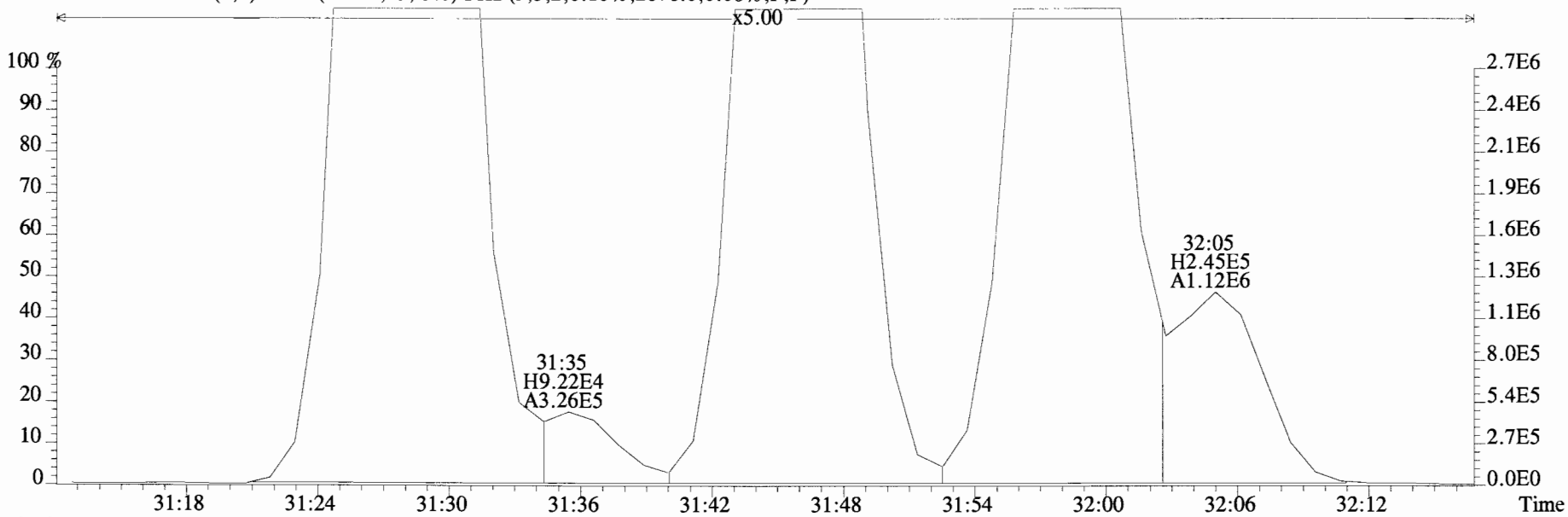
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2876.0,0.00%,F,F)



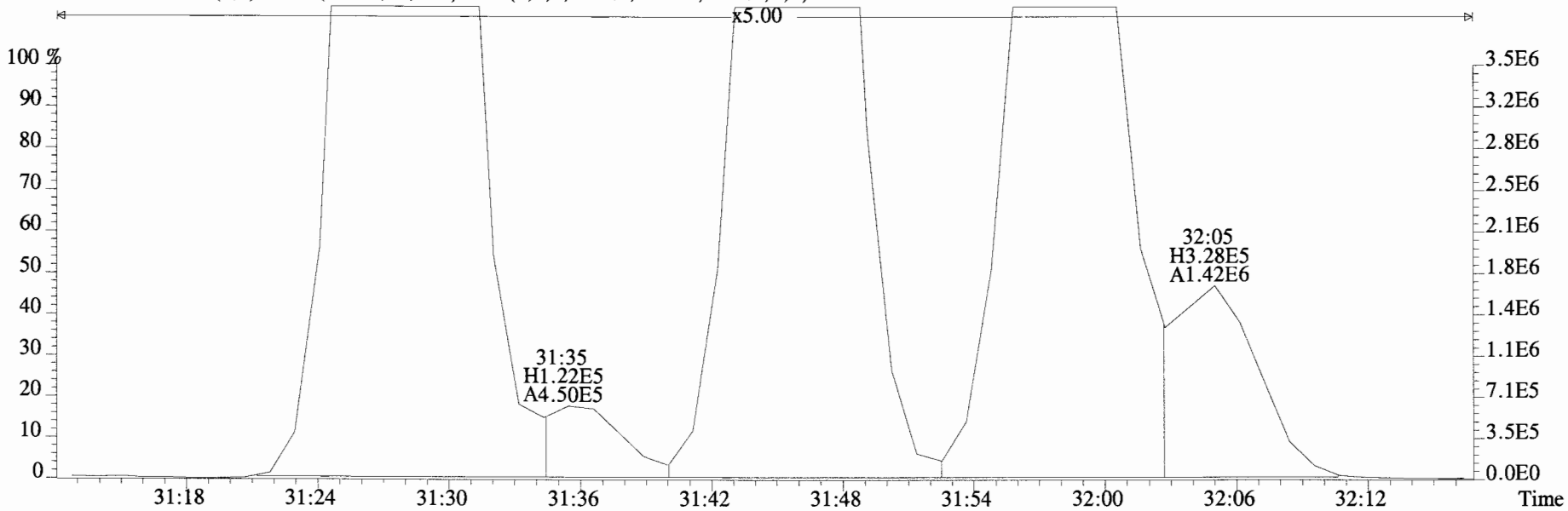
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3148.0,0.00%,F,F)



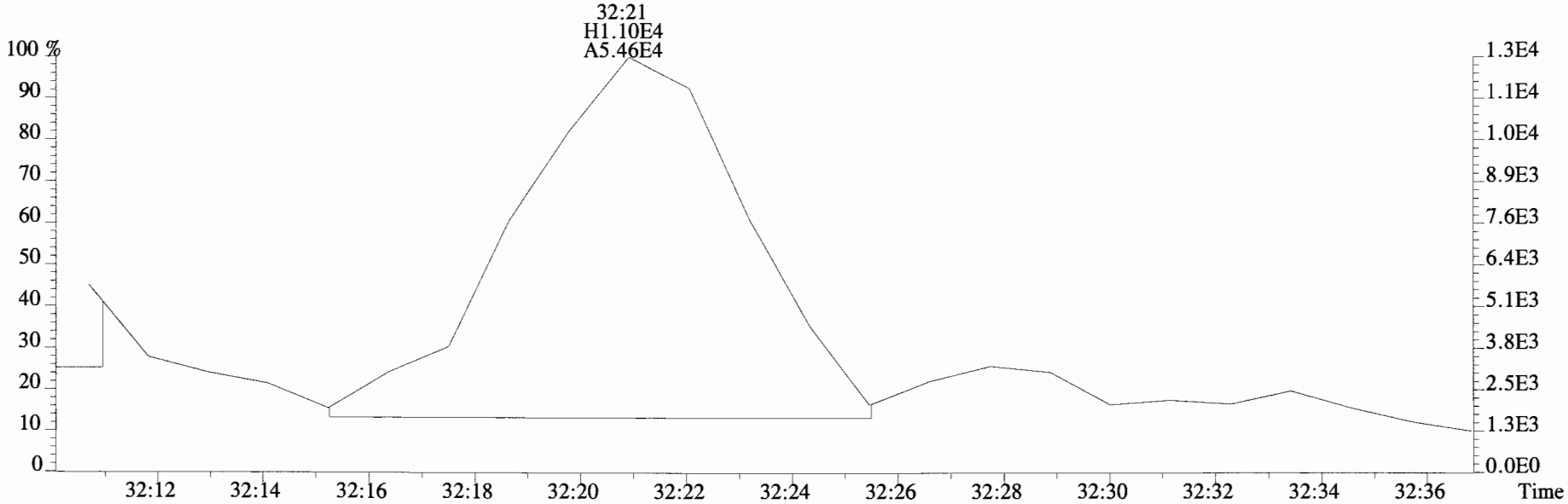
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2876.0,0.00%,F,F)



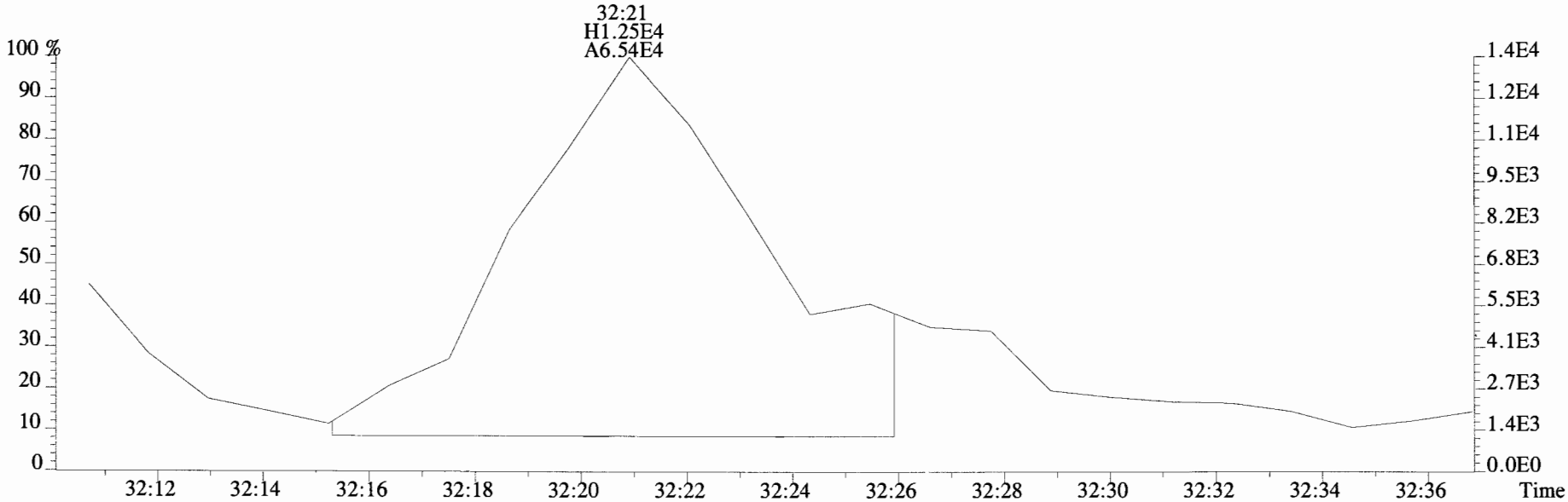
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3148.0,0.00%,F,F)



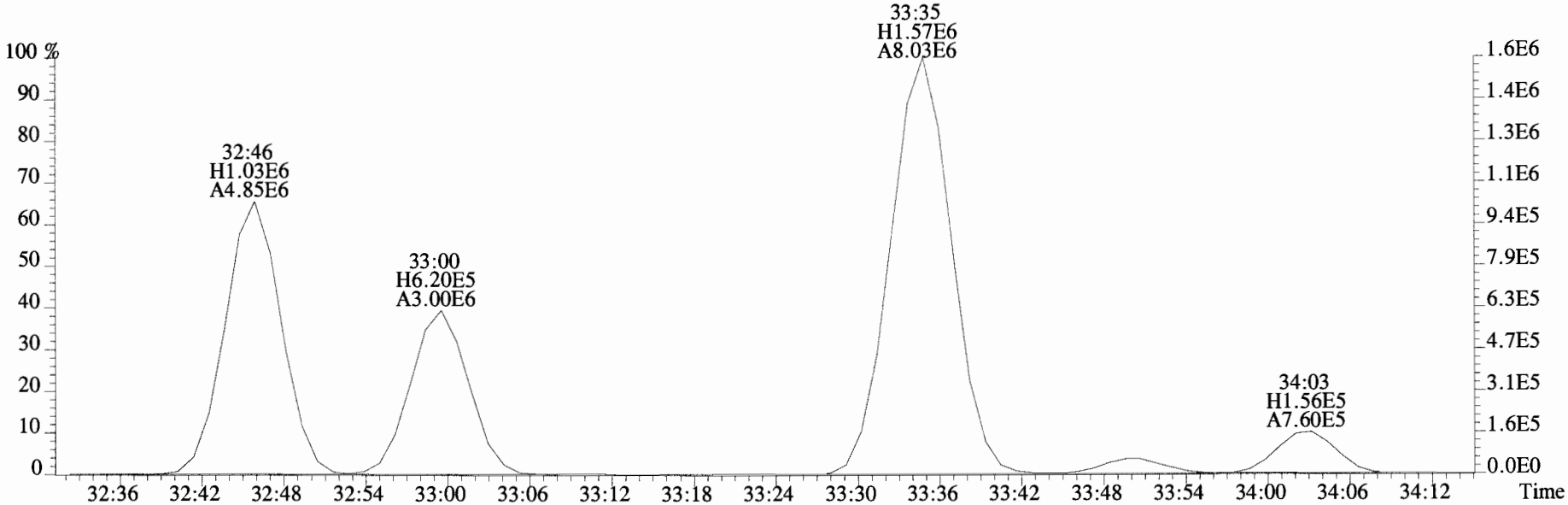
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2876.0,0.00%,F,F)



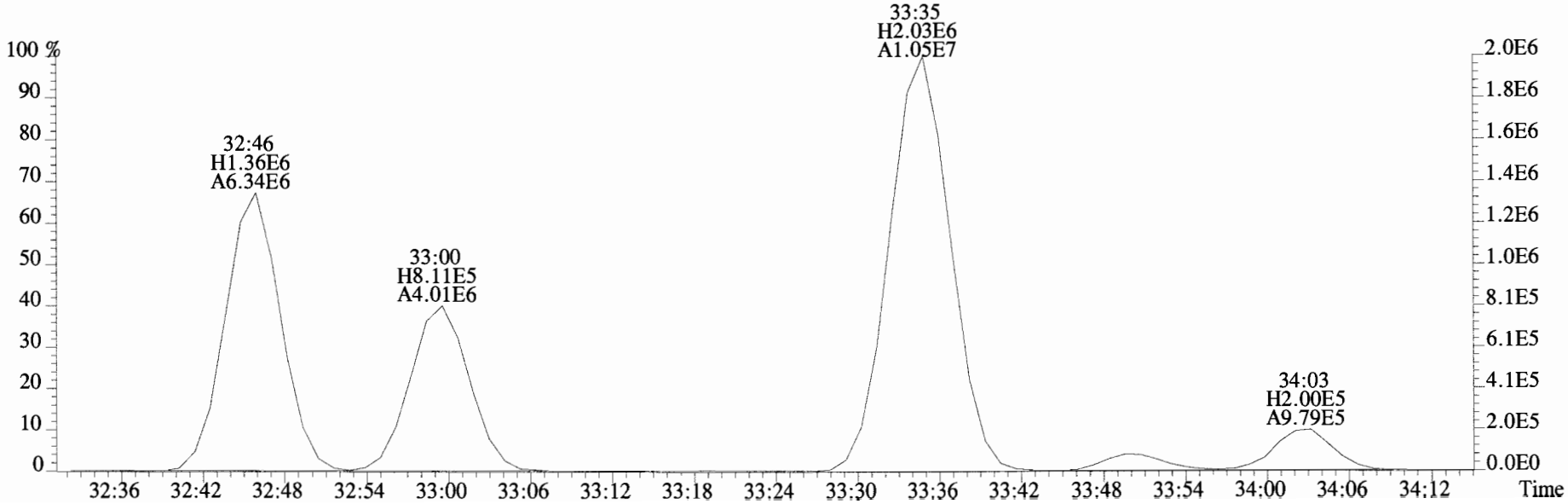
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3148.0,0.00%,F,F)



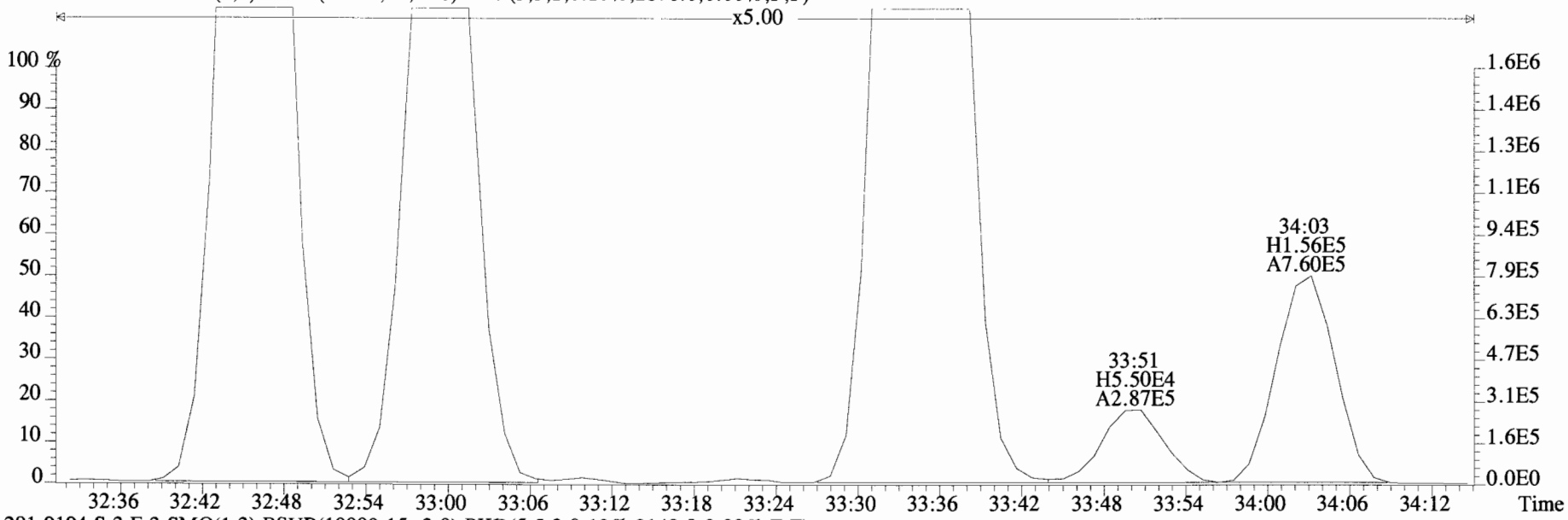
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2876.0,0.00%,F,F)



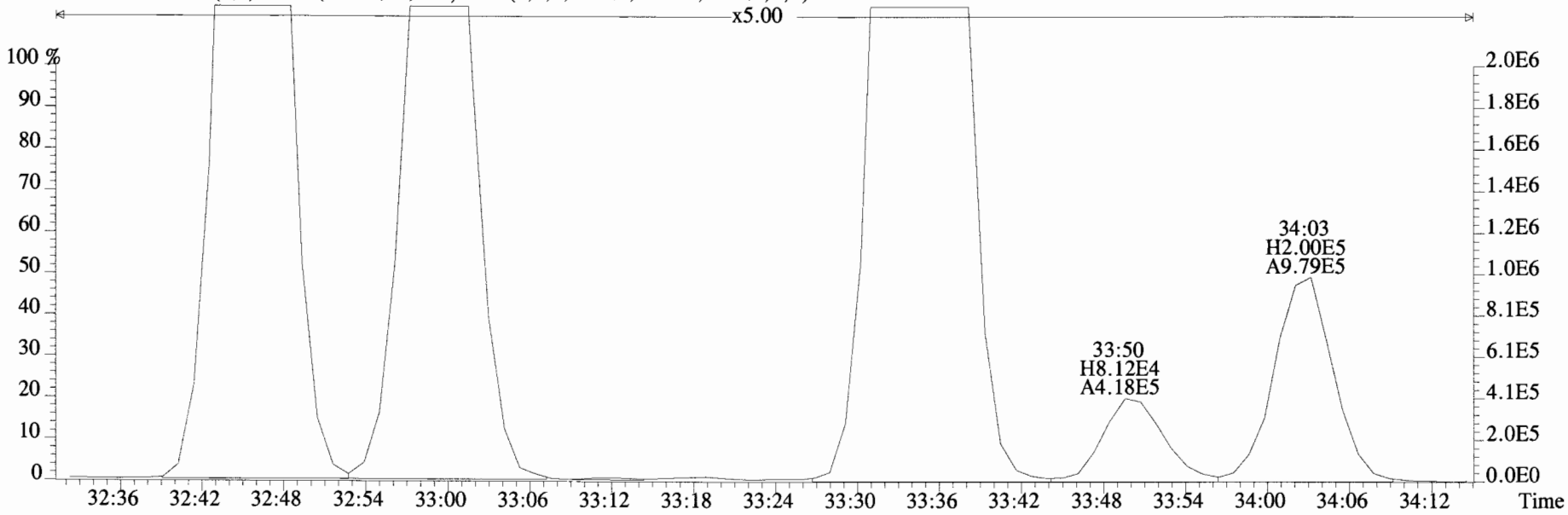
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3148.0,0.00%,F,F)



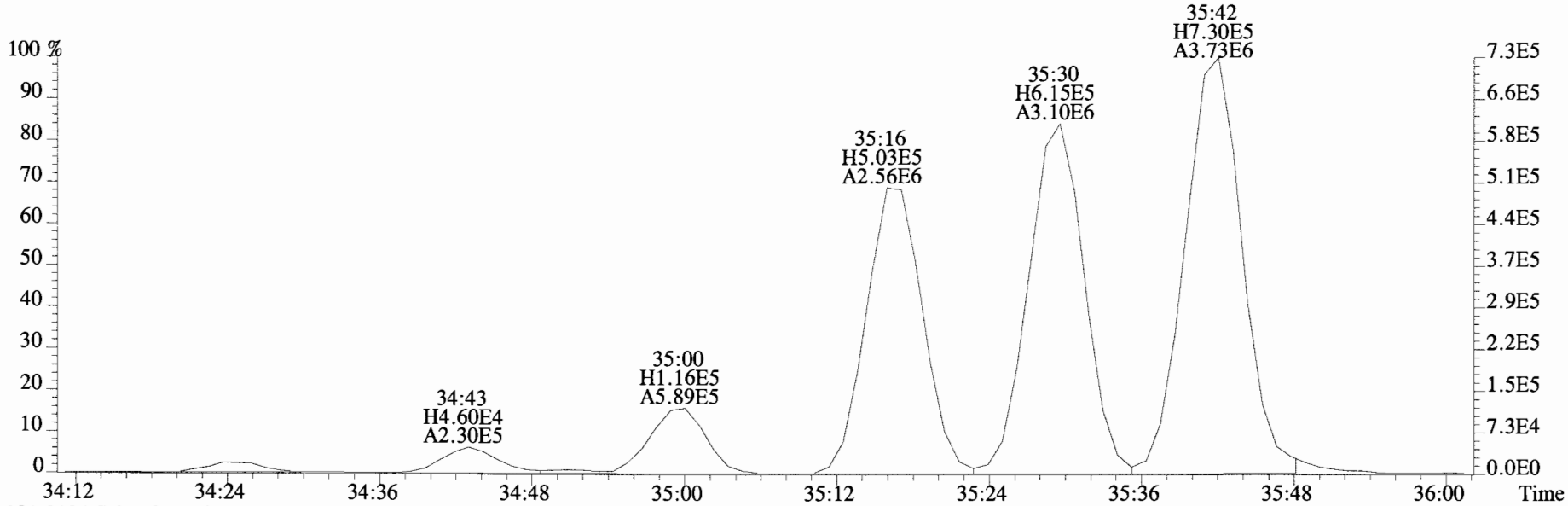
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2876.0,0.00%,F,F)



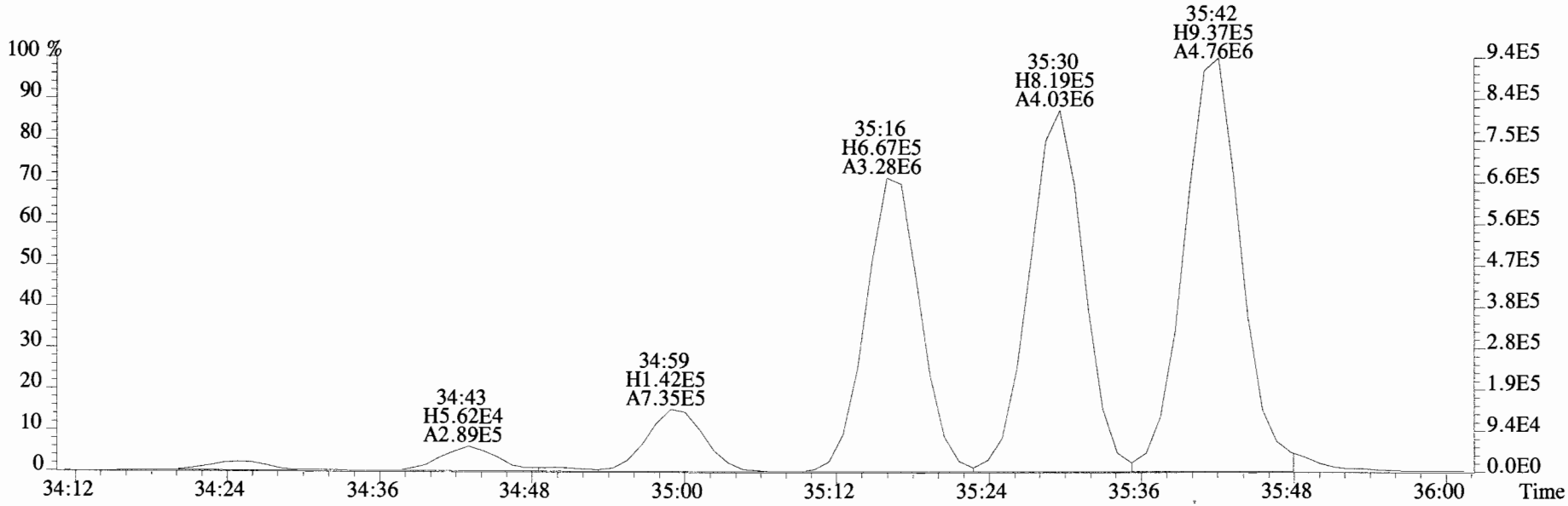
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3148.0,0.00%,F,F)



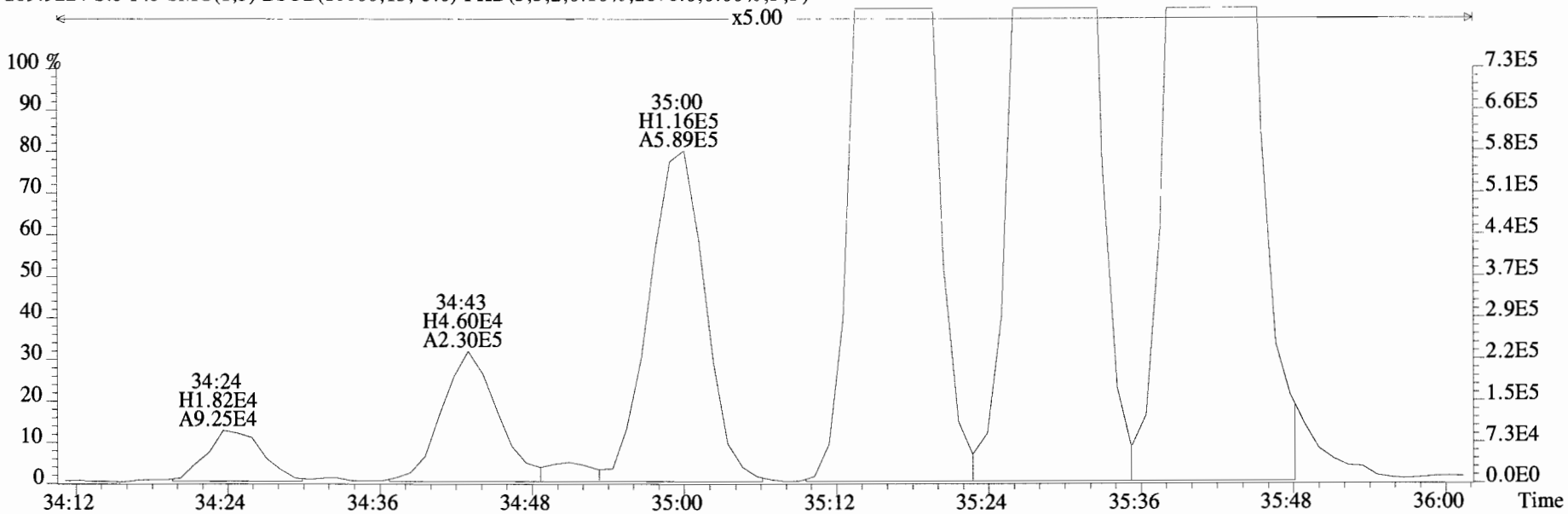
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2876.0,0.00%,F,F)



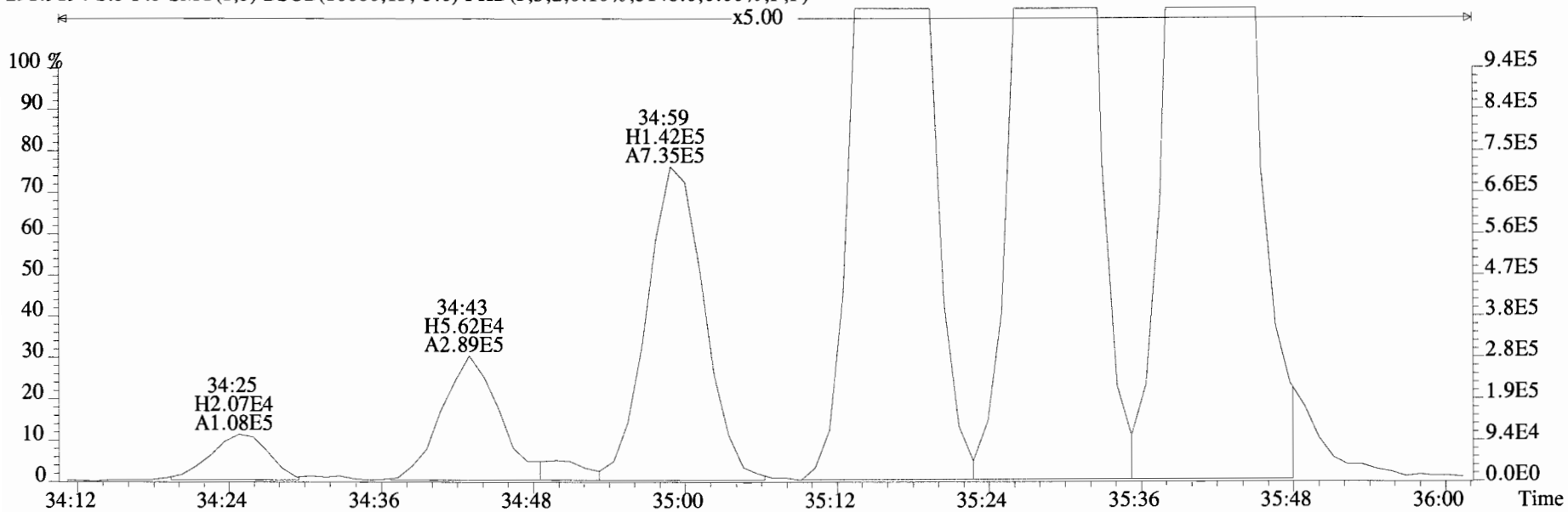
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3148.0,0.00%,F,F)



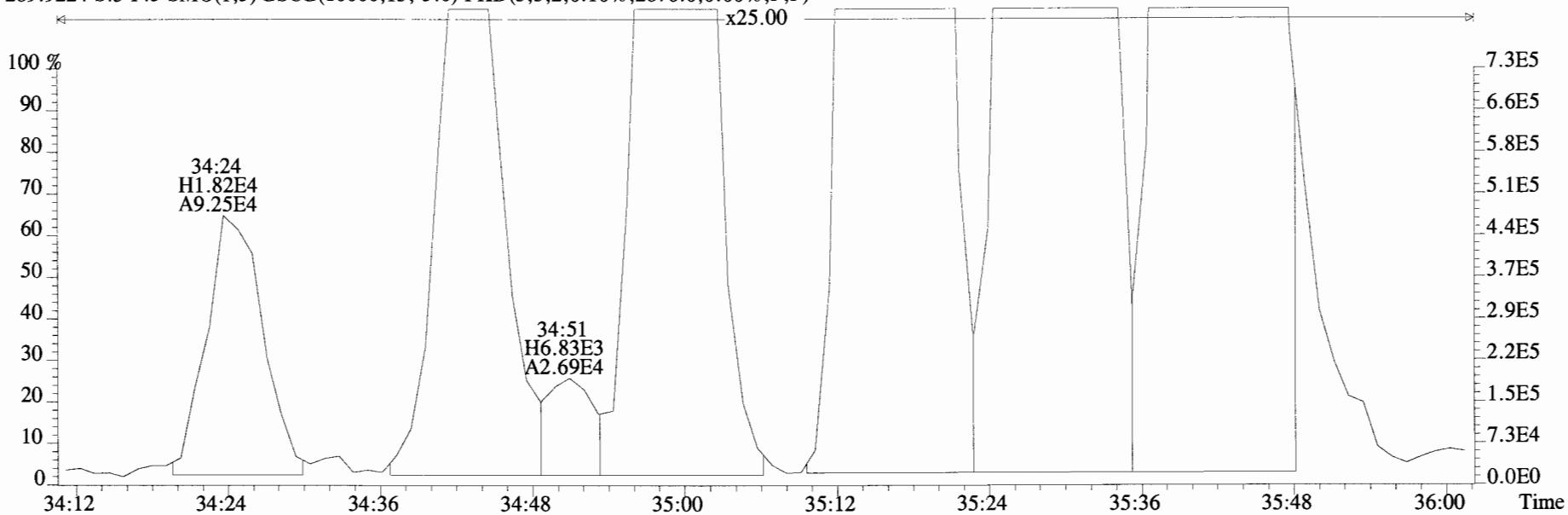
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2876.0,0.00%,F,F)



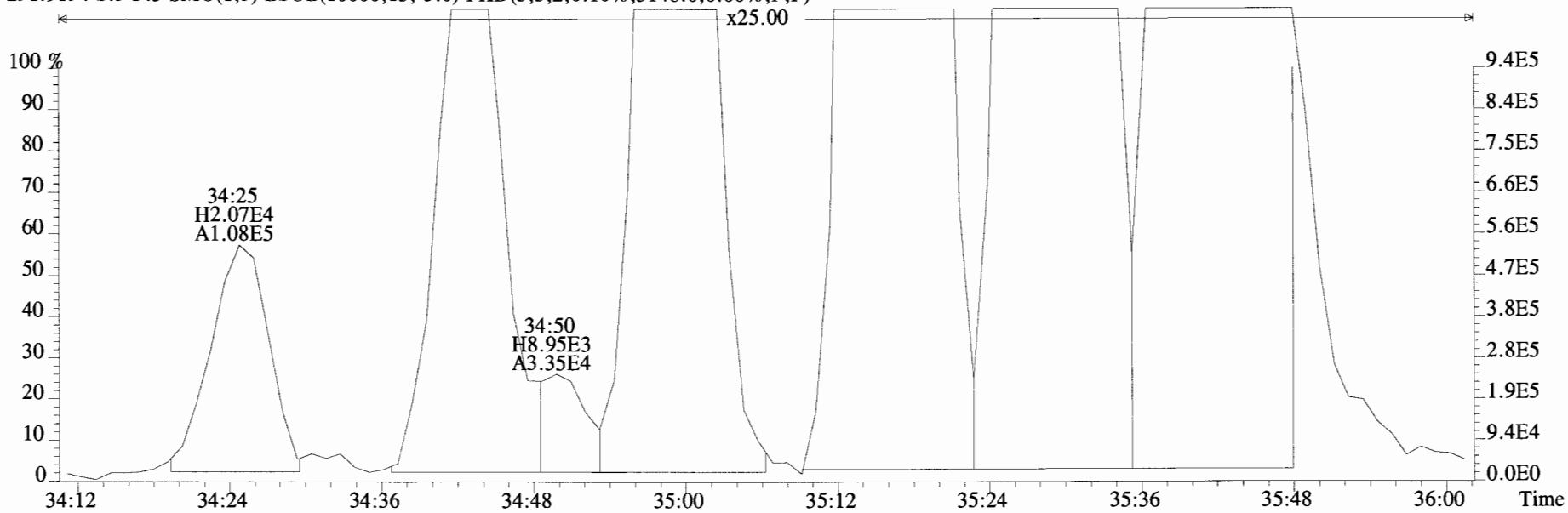
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3148.0,0.00%,F,F)



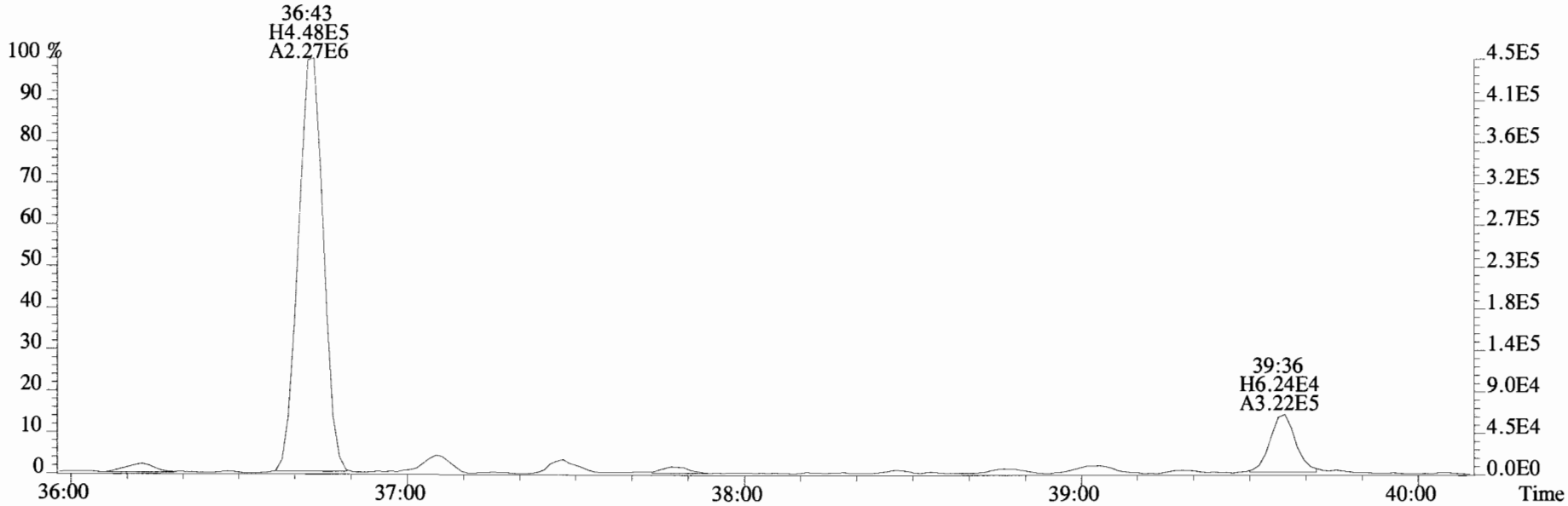
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2876.0,0.00%,F,F)



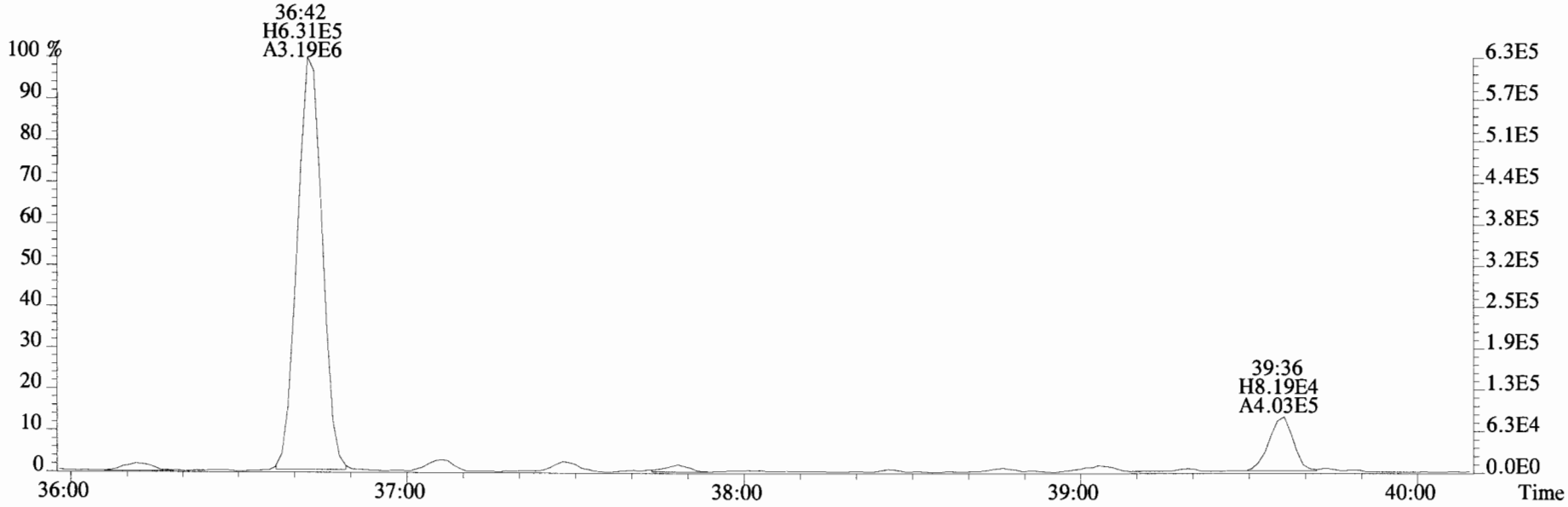
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3148.0,0.00%,F,F)



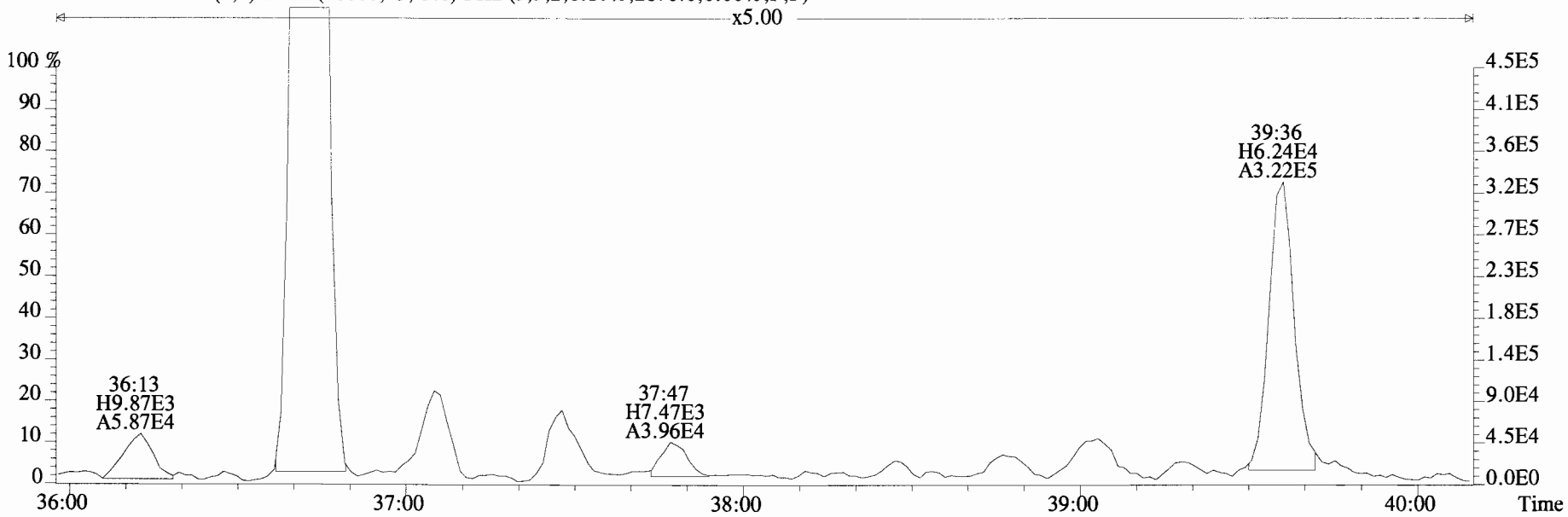
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2876.0,0.00%,F,F)



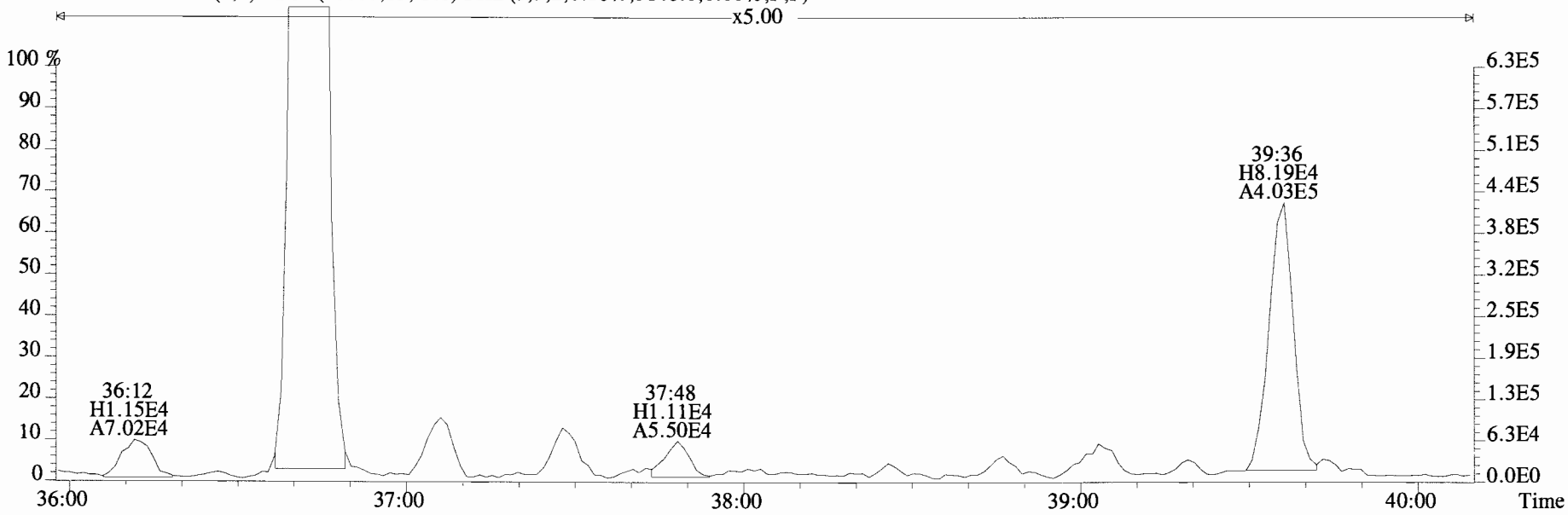
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3148.0,0.00%,F,F)



File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2876.0,0.00%,F,F)

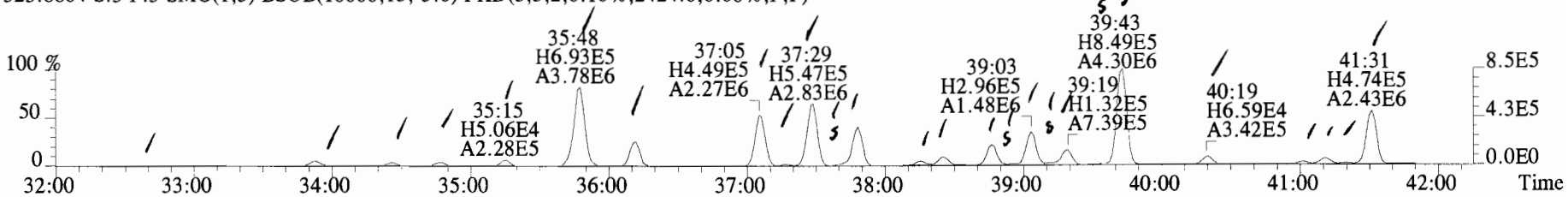


291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3148.0,0.00%,F,F)

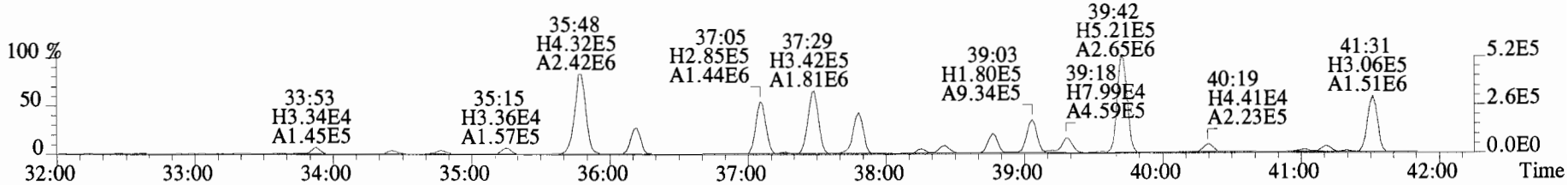


File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1

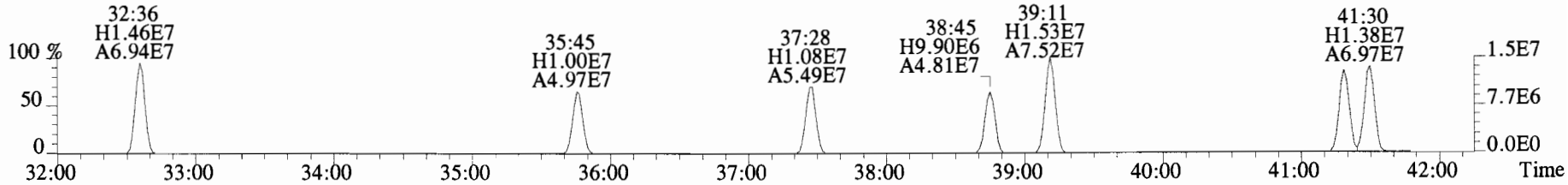
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2424.0,0.00%,F,F)



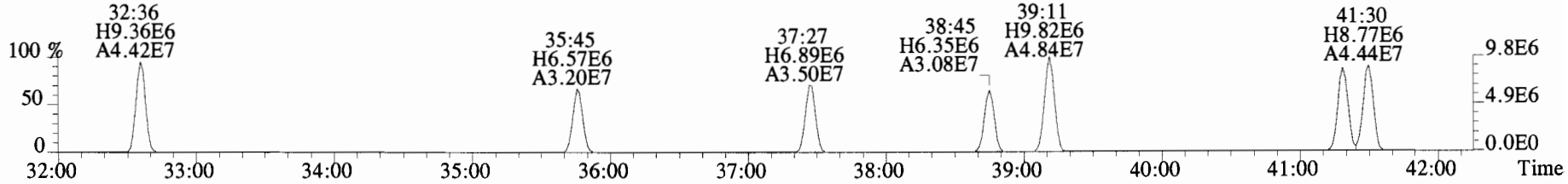
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2384.0,0.00%,F,F)



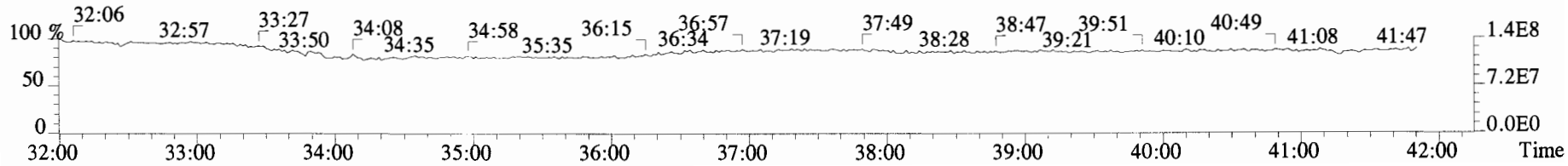
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6648.0,0.00%,F,F)



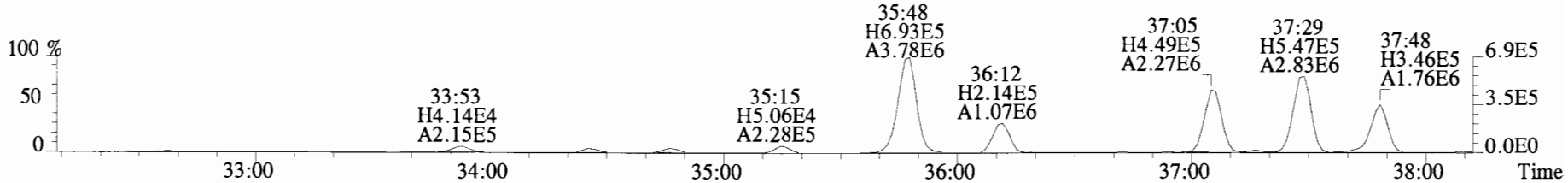
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5172.0,0.00%,F,F)



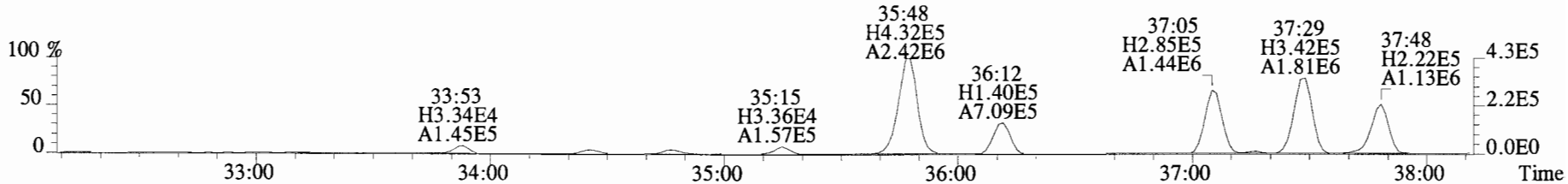
330.9792 S:3 F:3



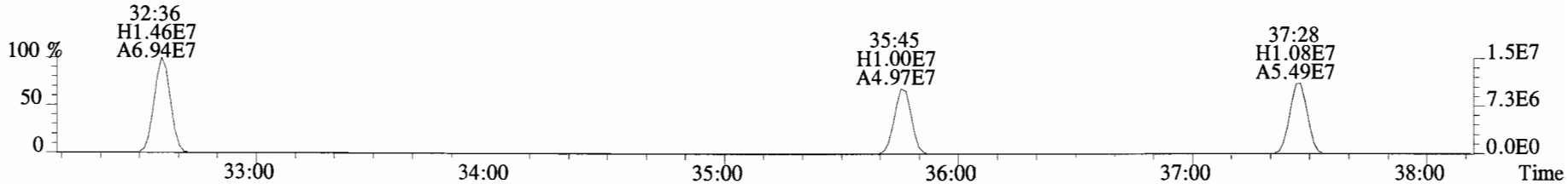
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2424.0,0.00%,F,F)



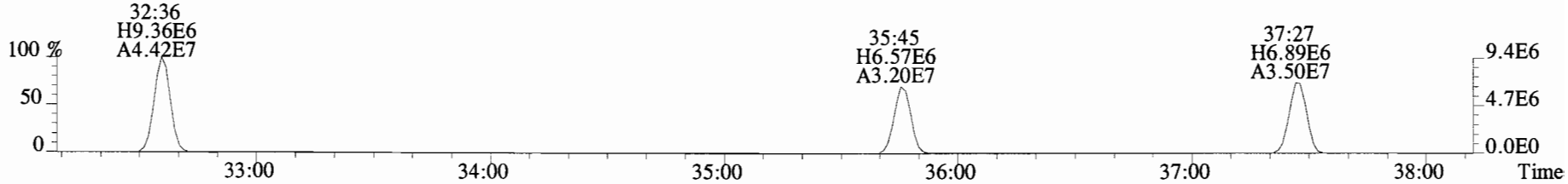
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2384.0,0.00%,F,F)



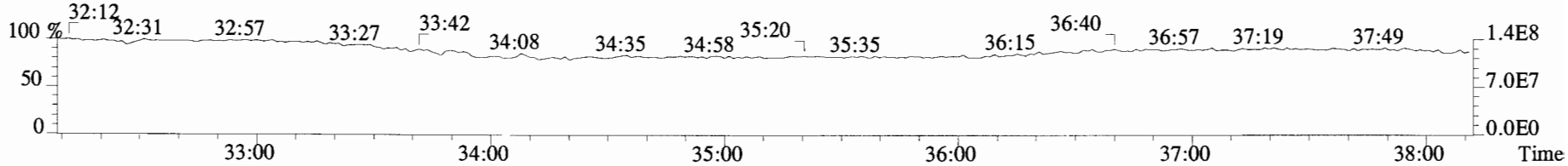
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6648.0,0.00%,F,F)



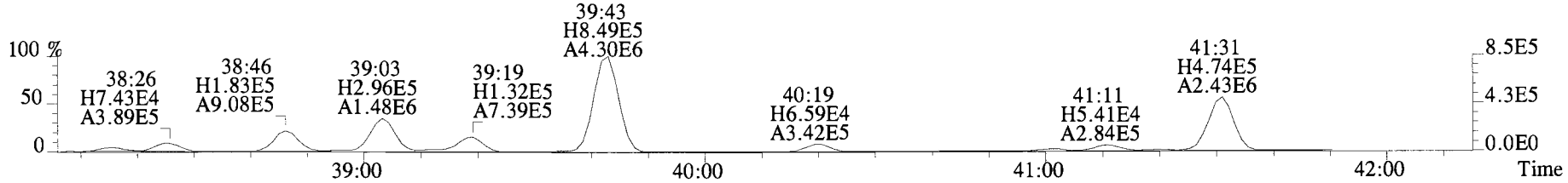
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5172.0,0.00%,F,F)



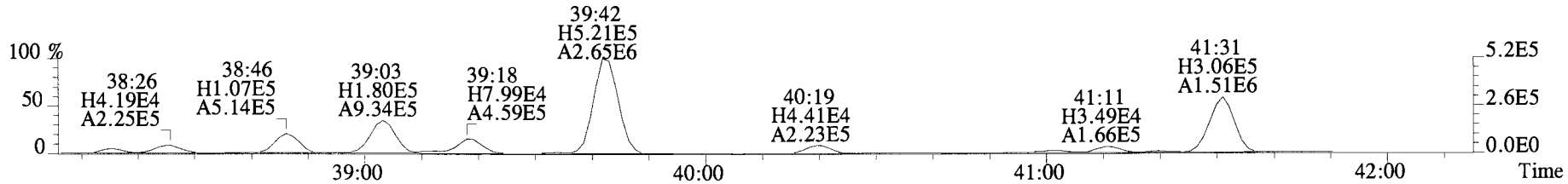
330.9792 S:3 F:3



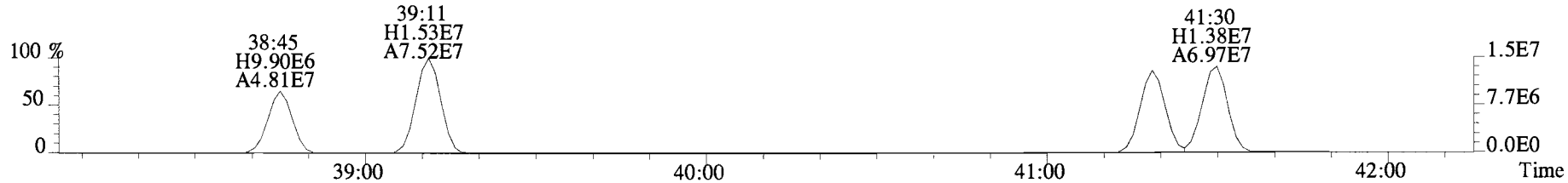
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2424.0,0.00%,F,F)



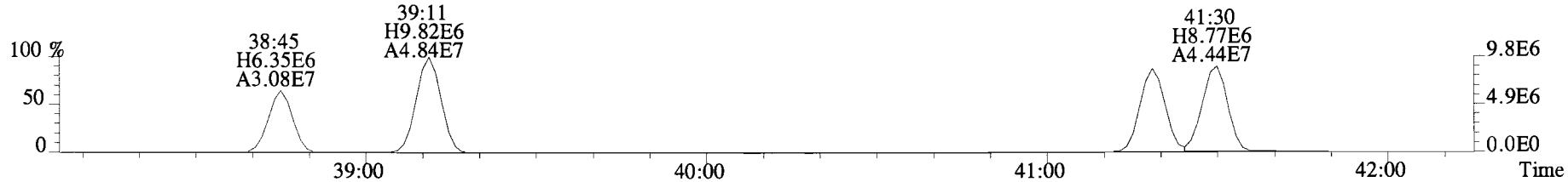
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2384.0,0.00%,F,F)



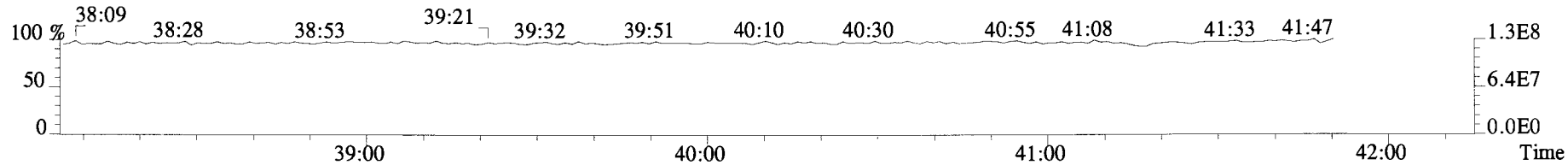
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6648.0,0.00%,F,F)



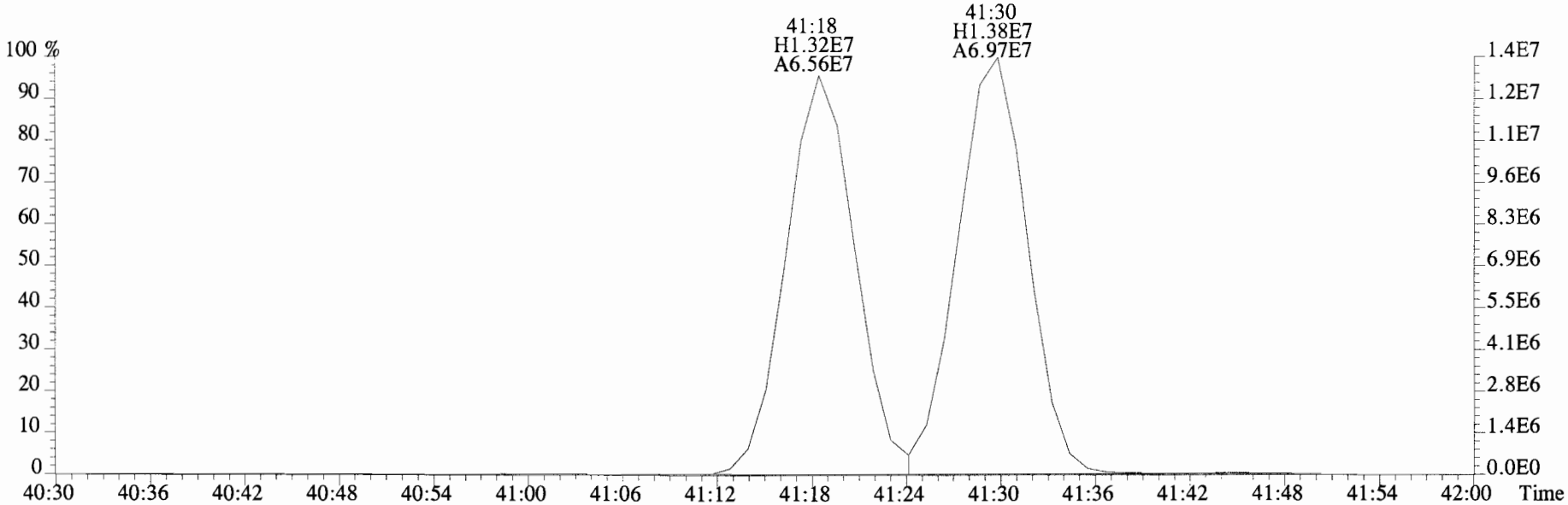
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5172.0,0.00%,F,F)



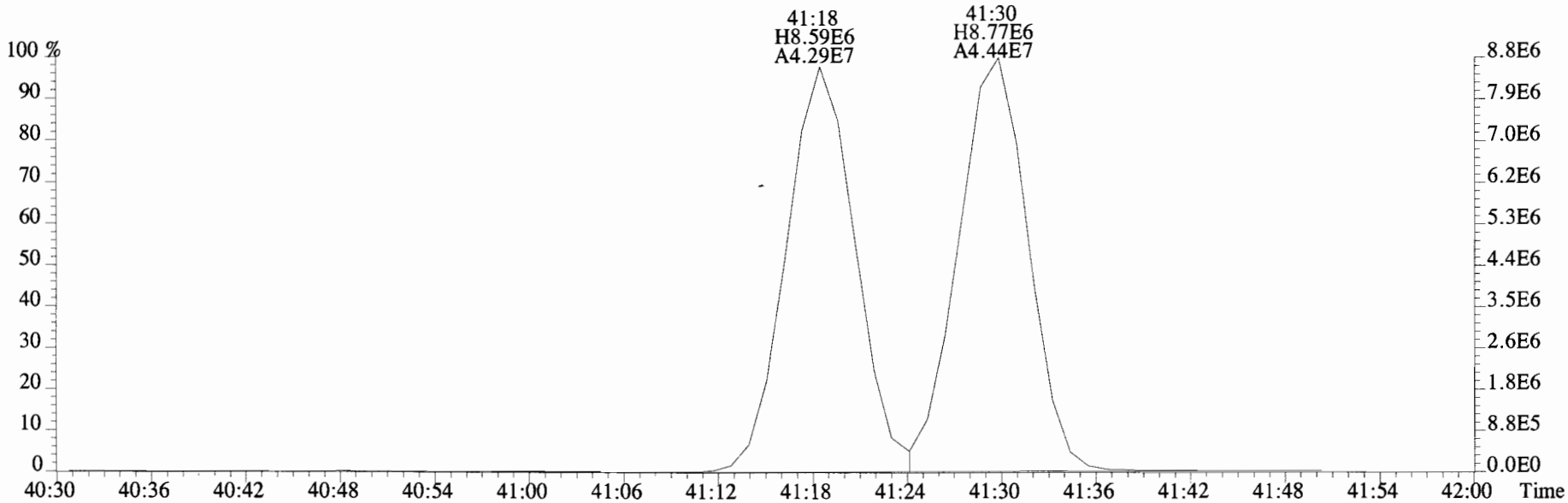
330.9792 S:3 F:3



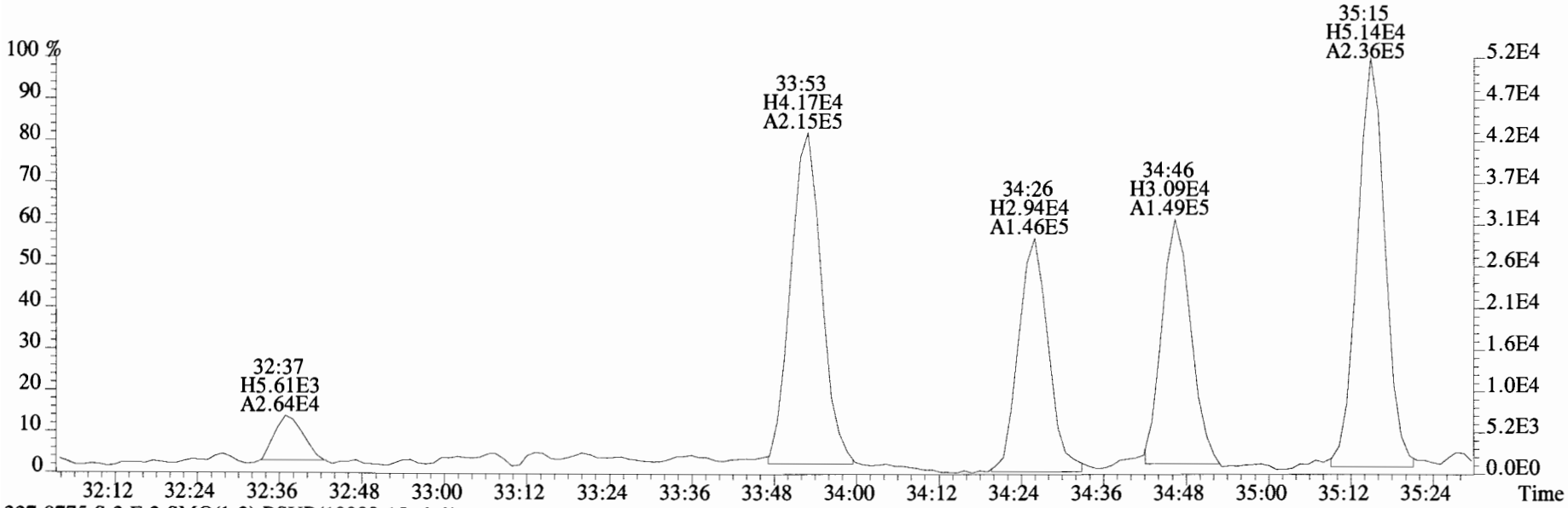
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6648.0,0.00%,F,F)



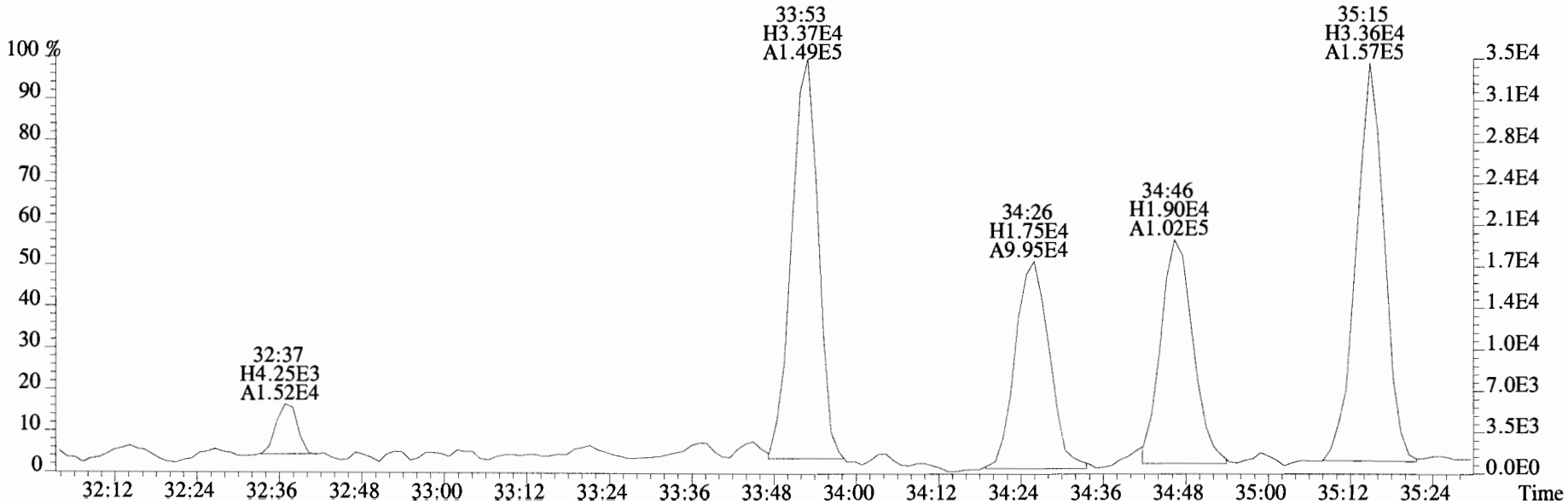
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5172.0,0.00%,F,F)



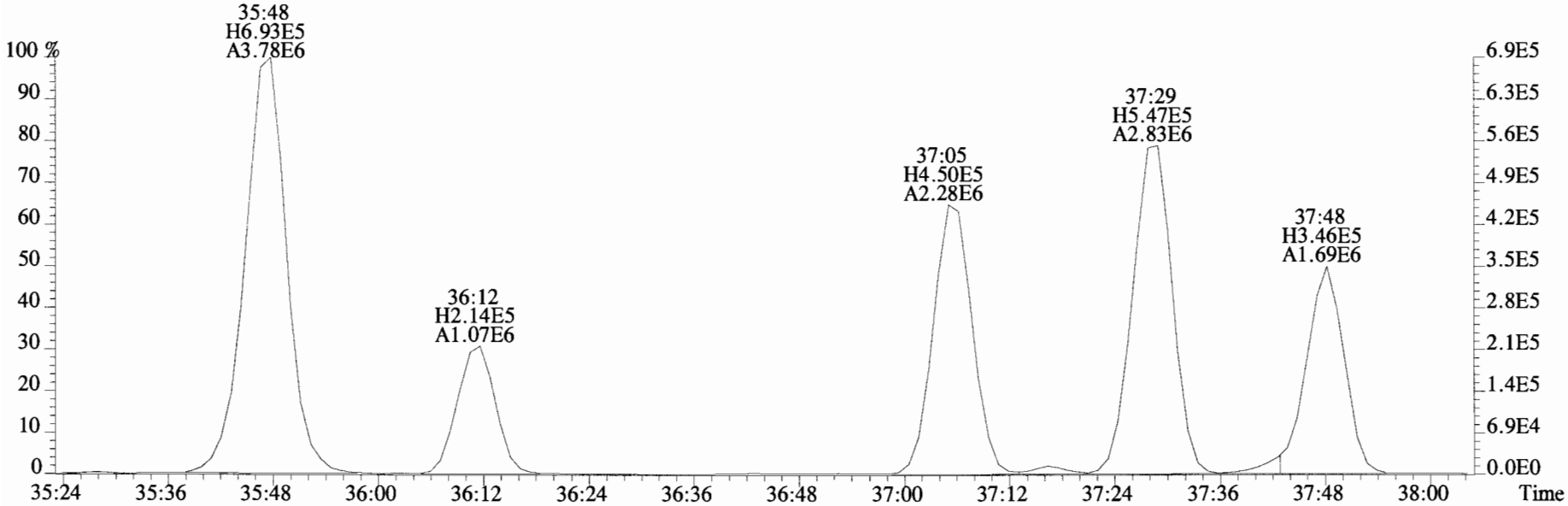
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



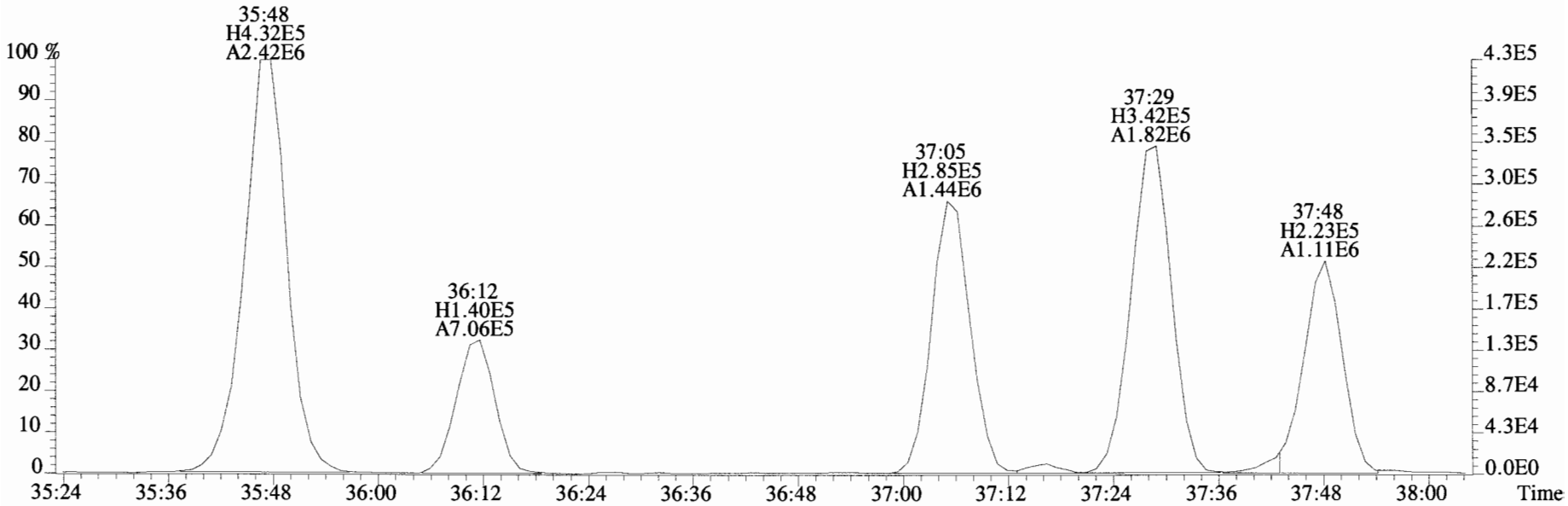
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



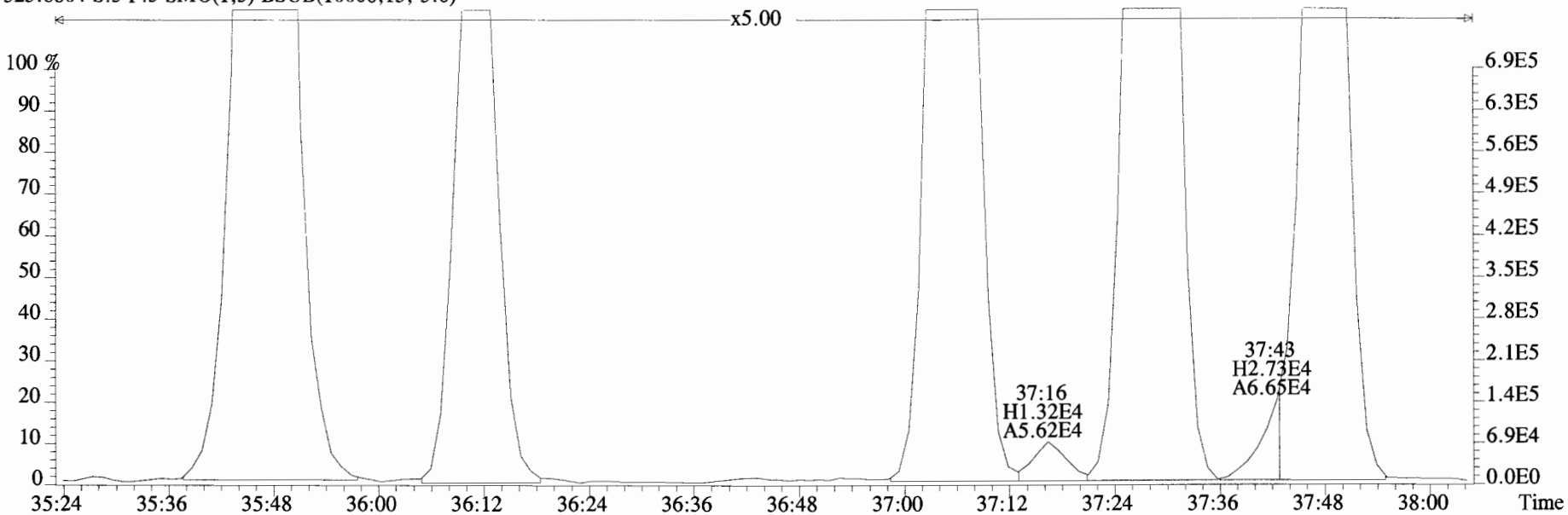
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



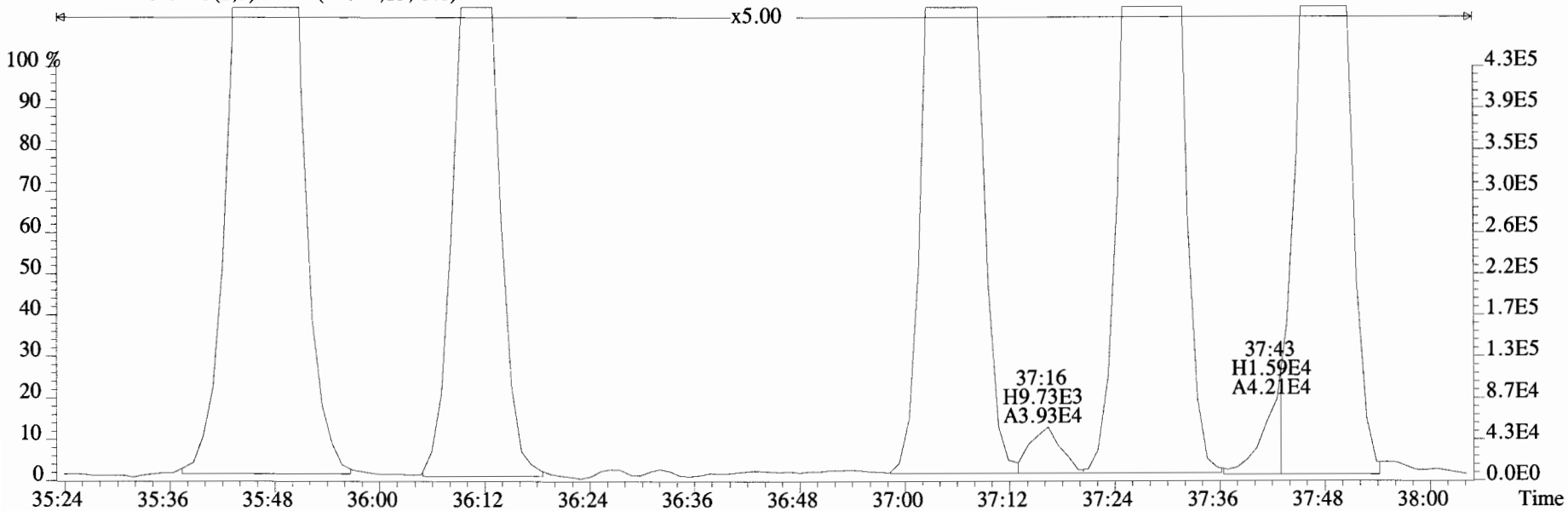
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



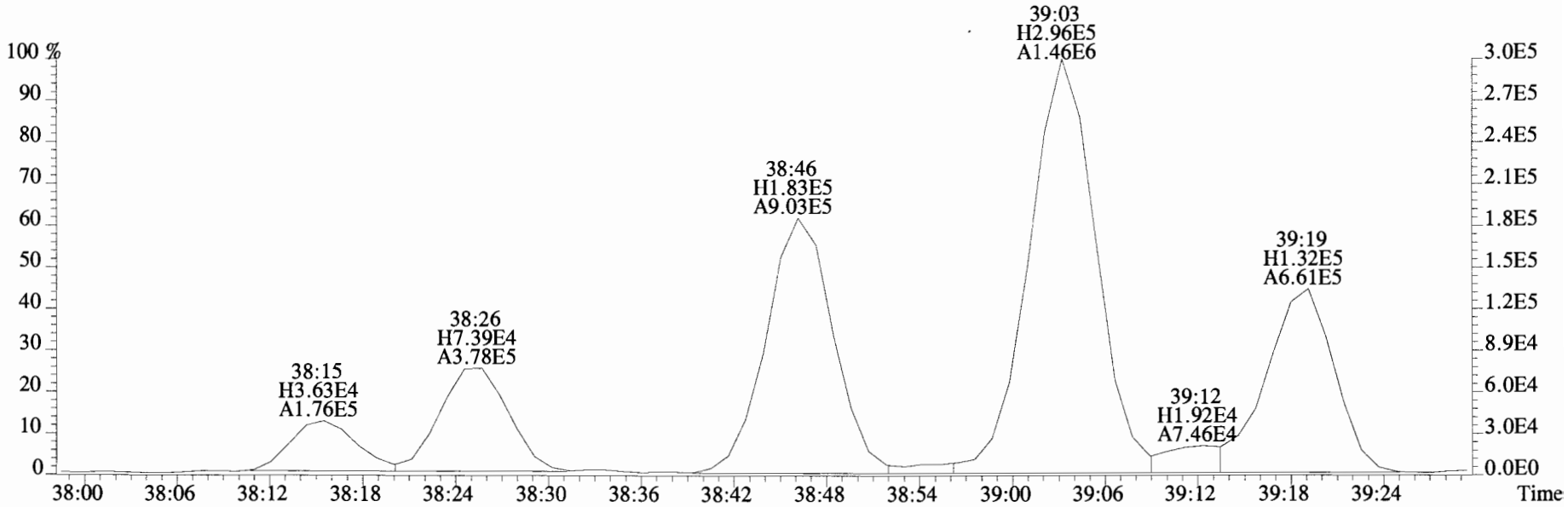
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



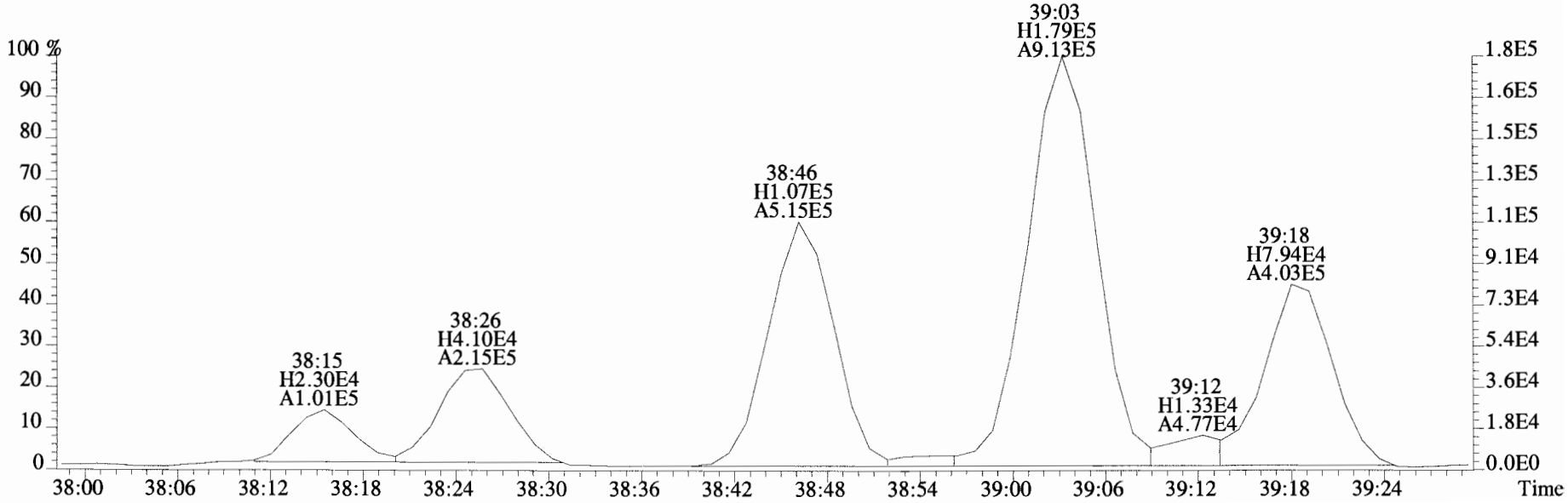
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



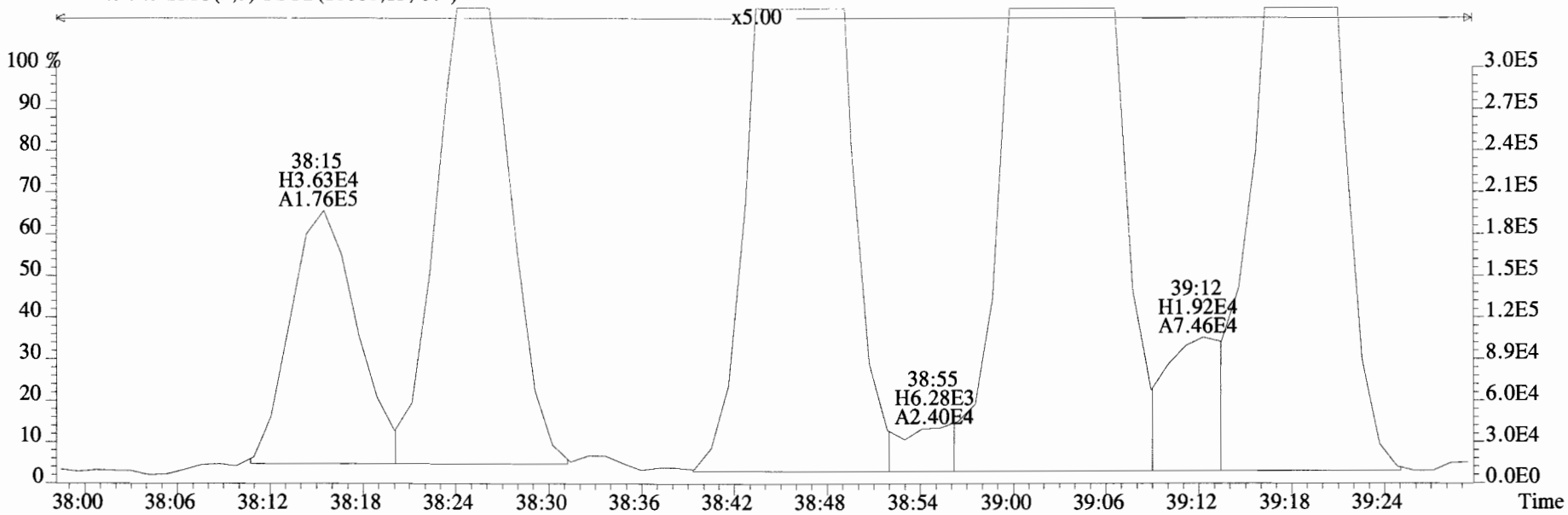
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



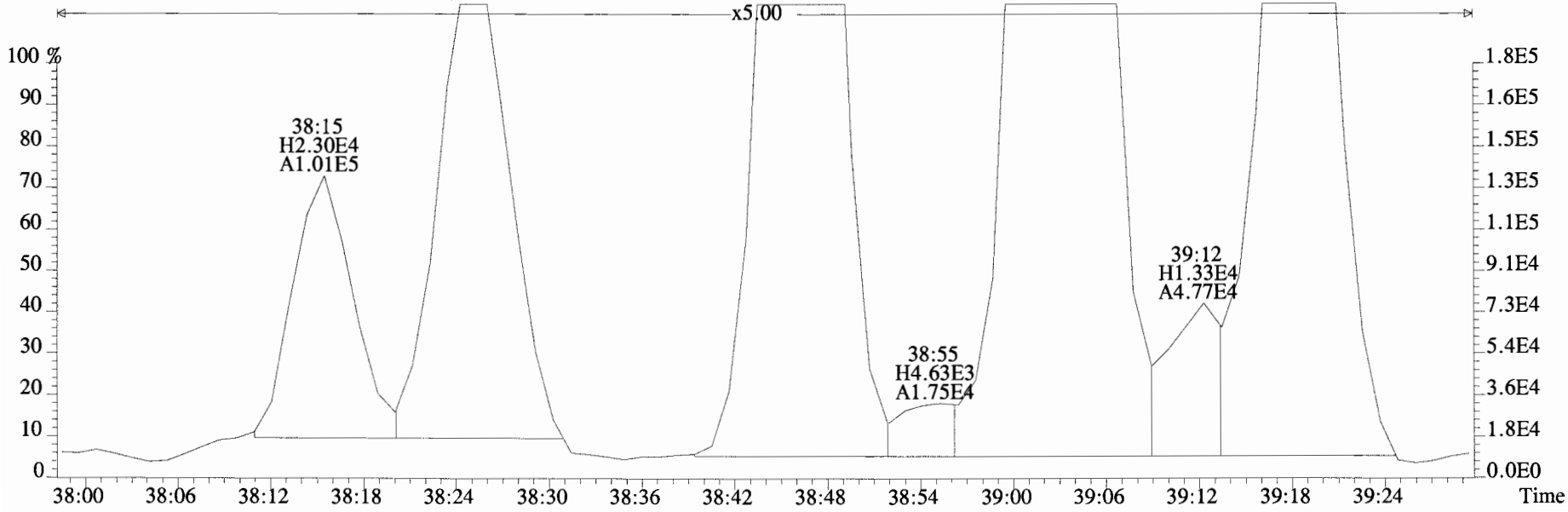
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



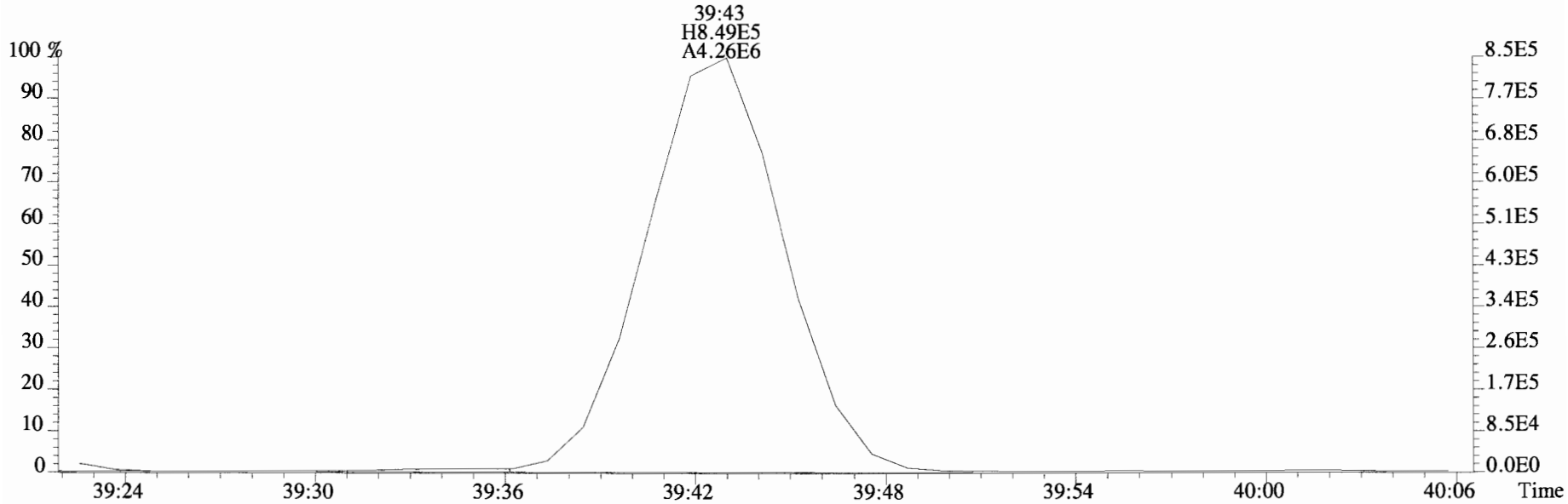
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



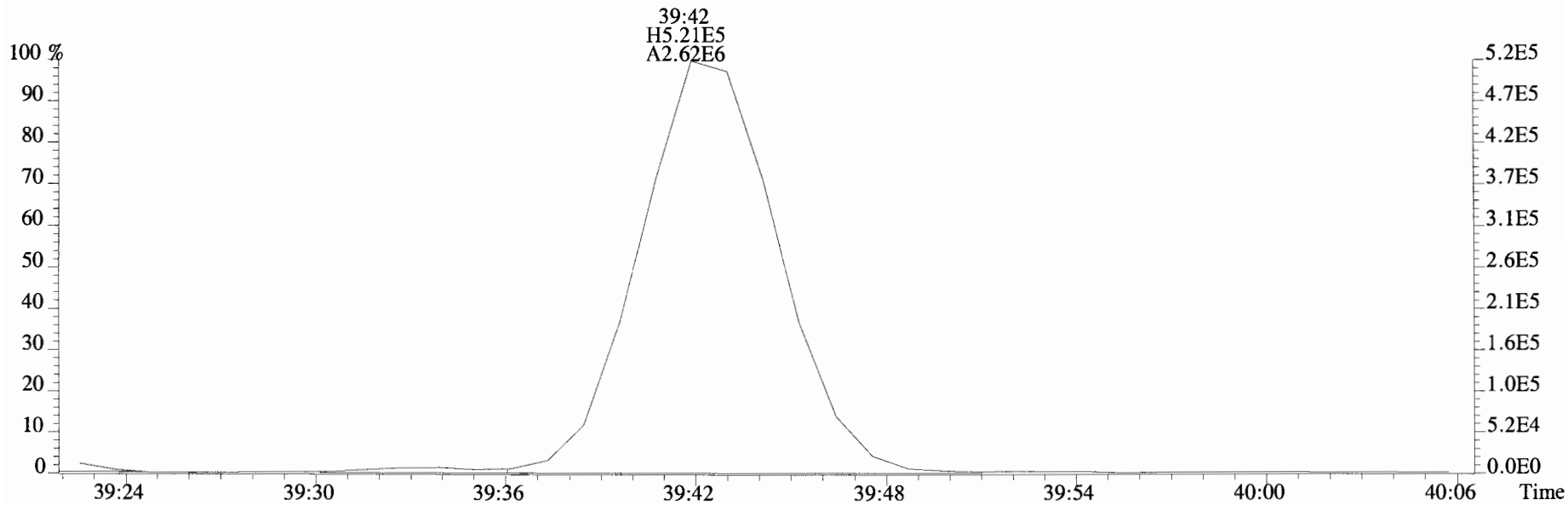
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



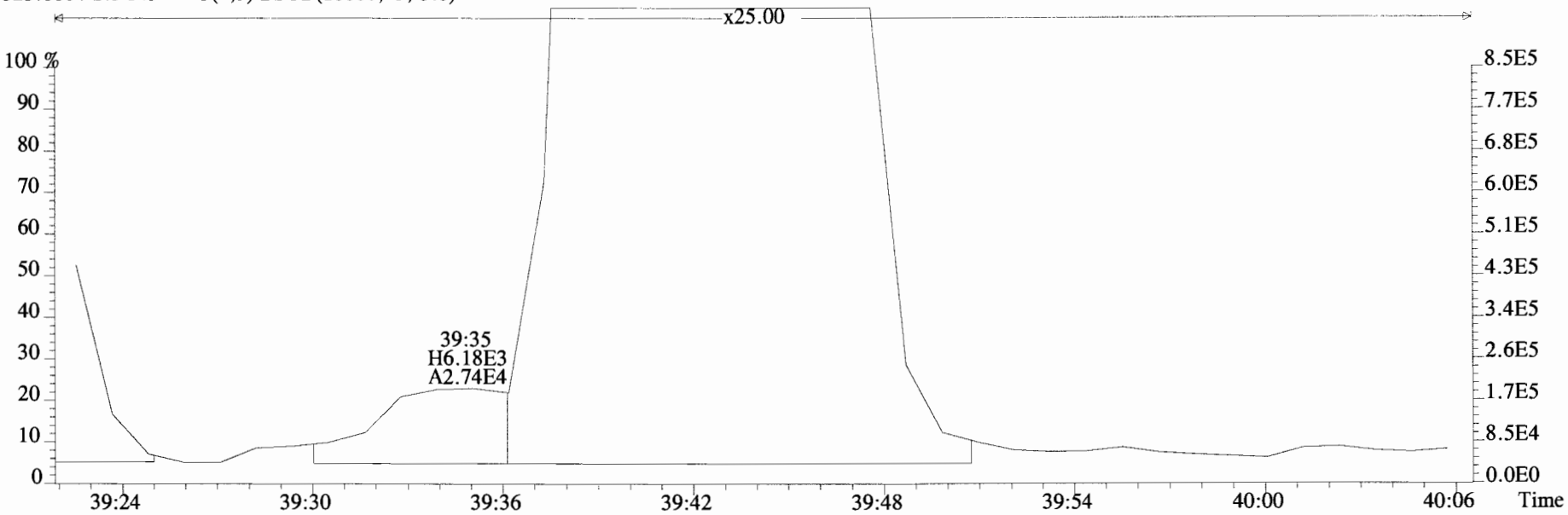
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



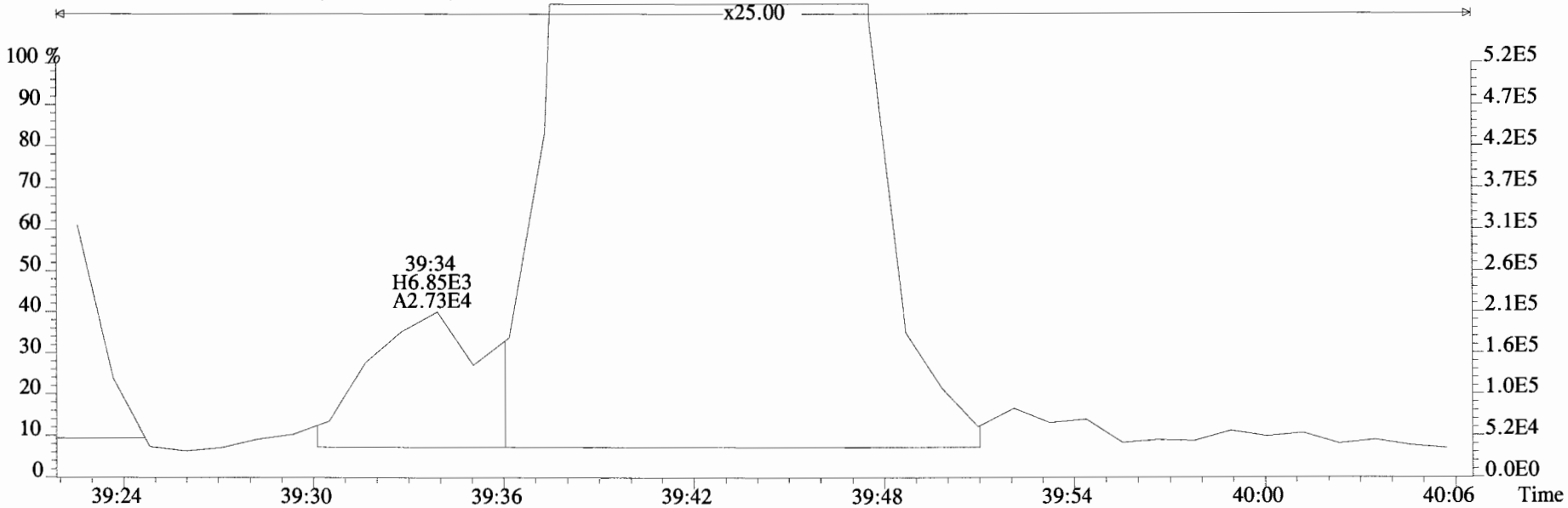
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



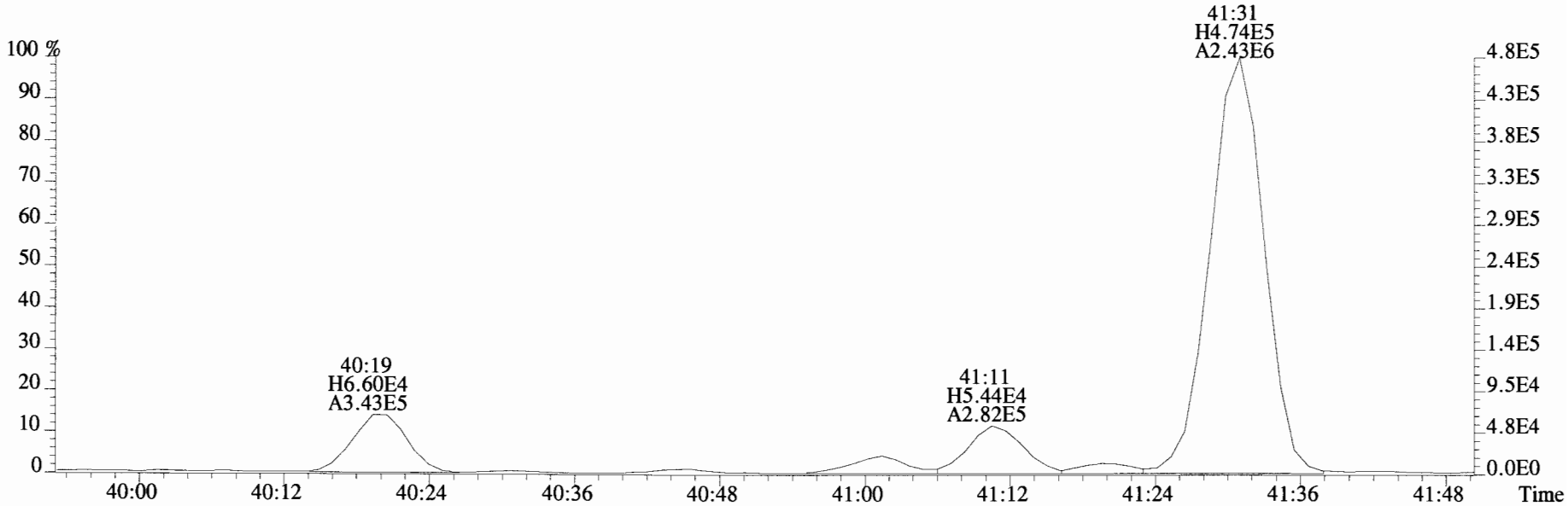
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



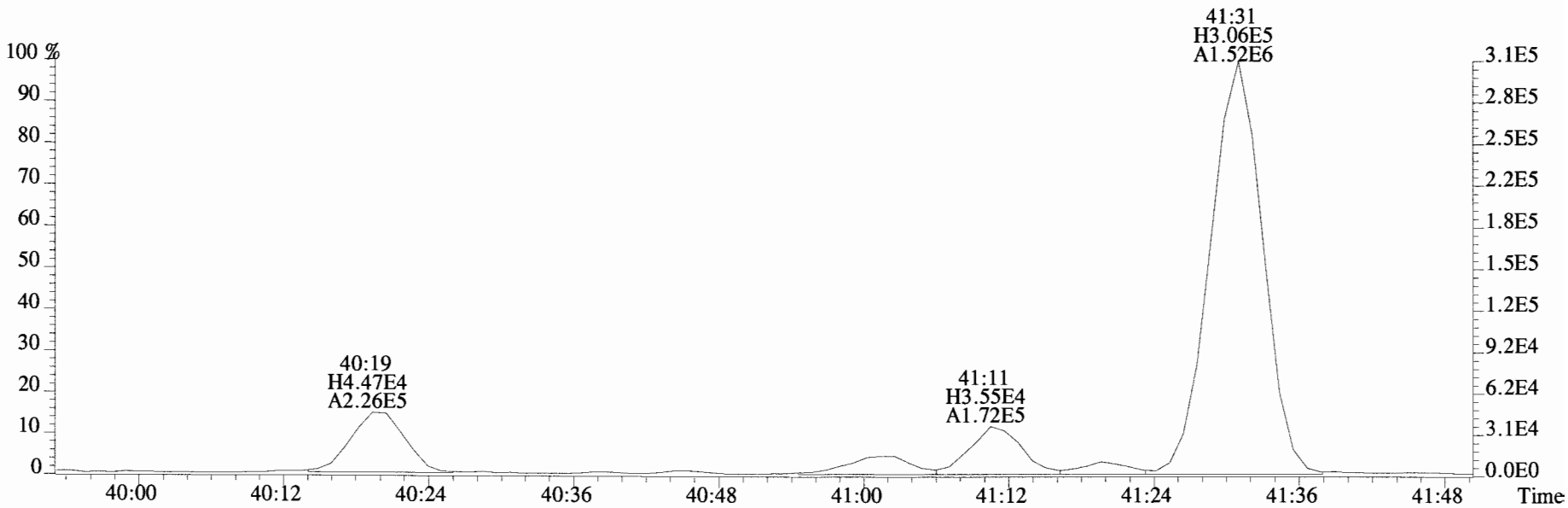
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



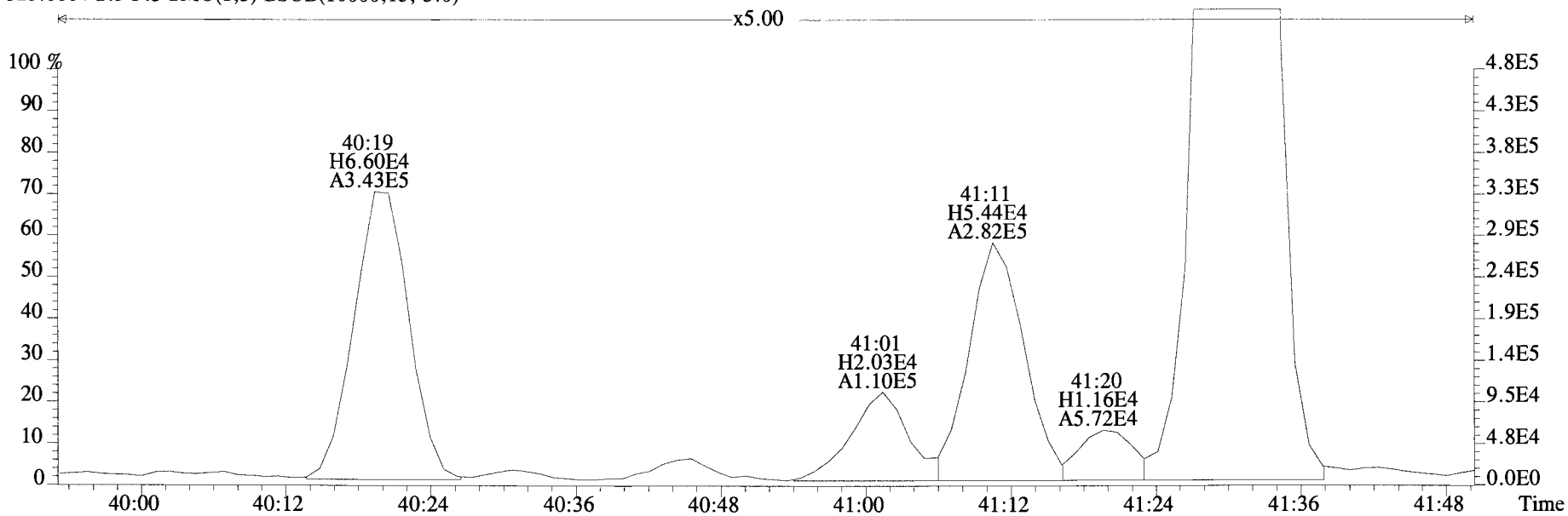
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



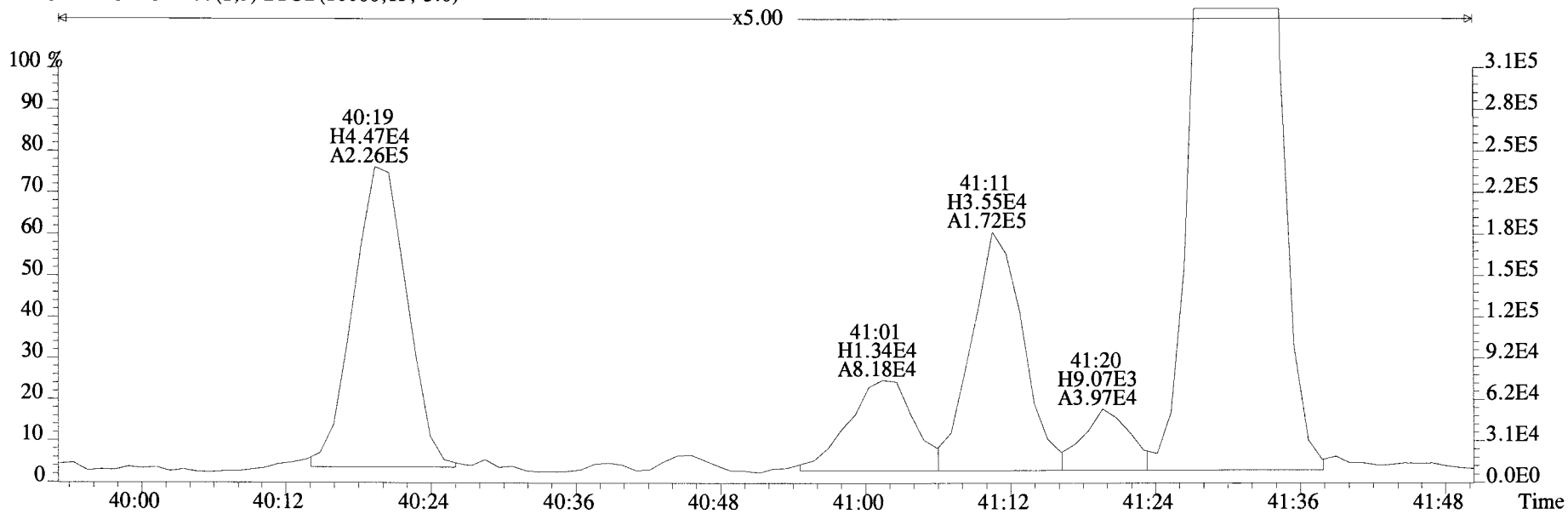
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



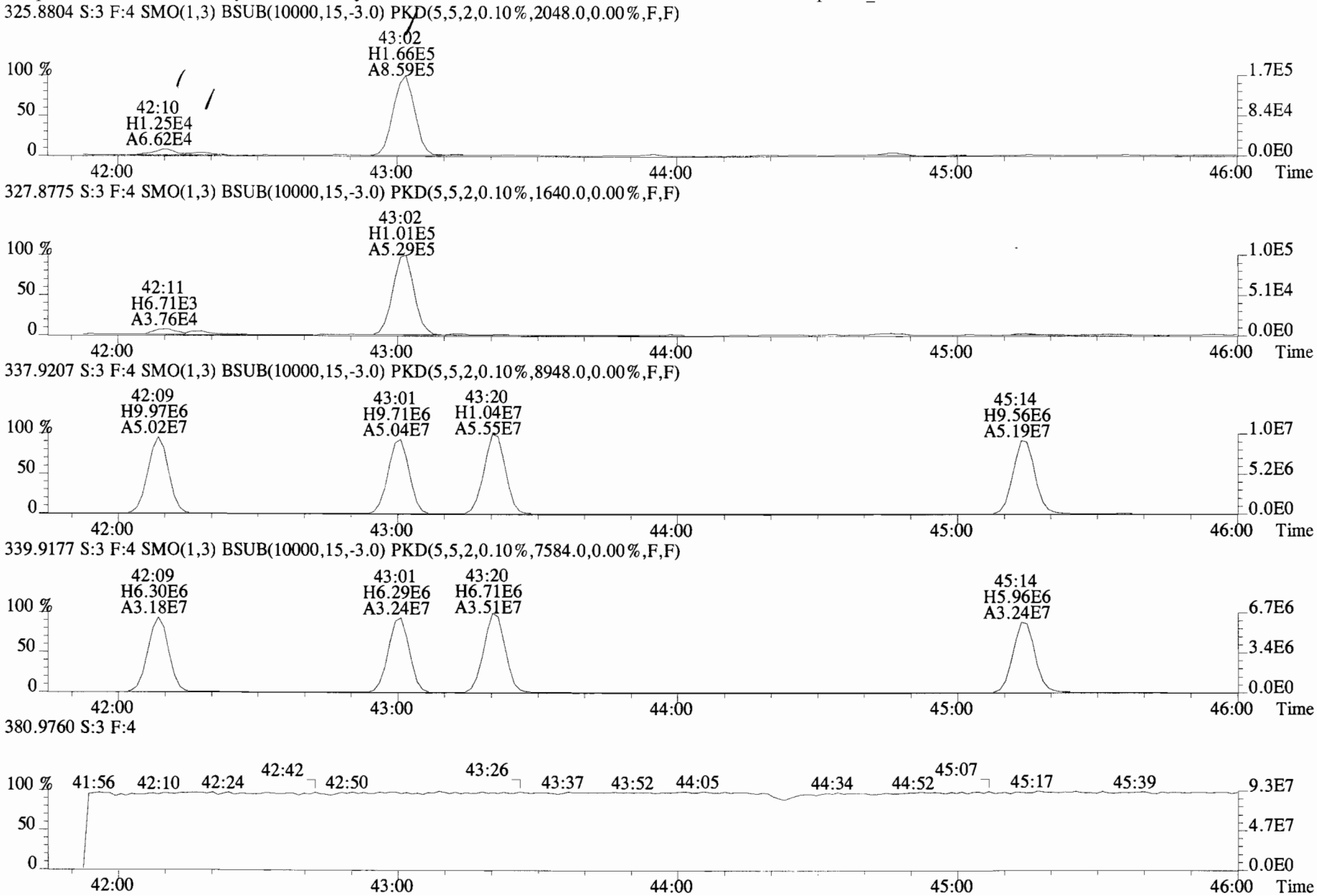
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



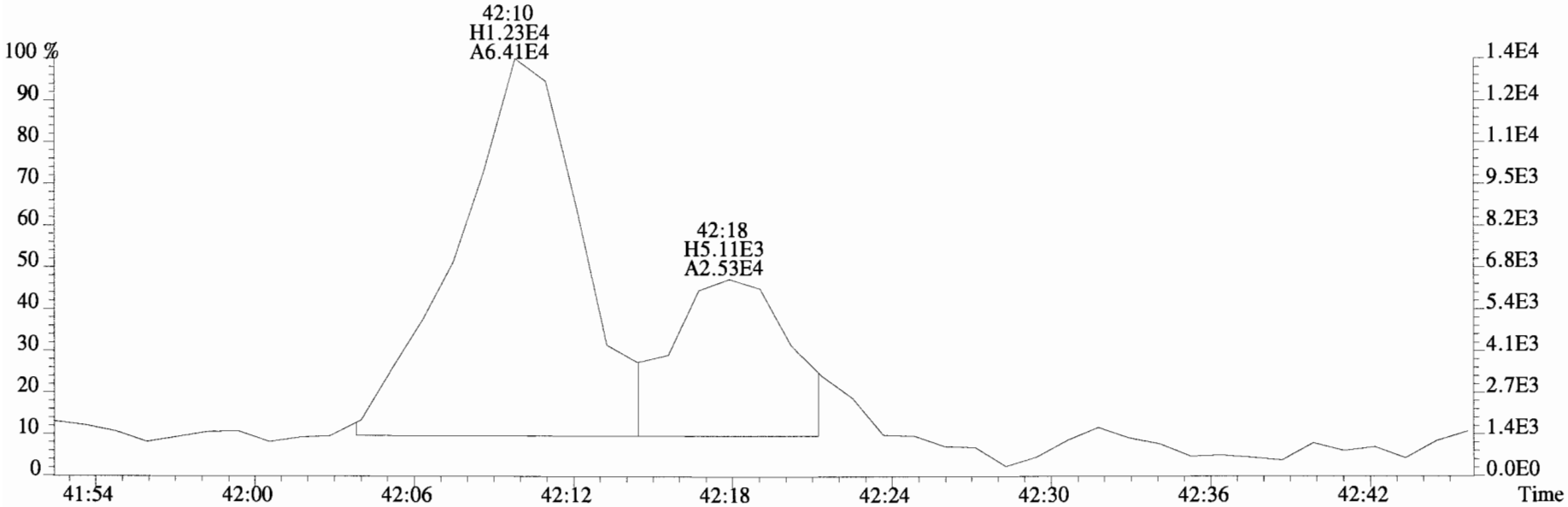
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



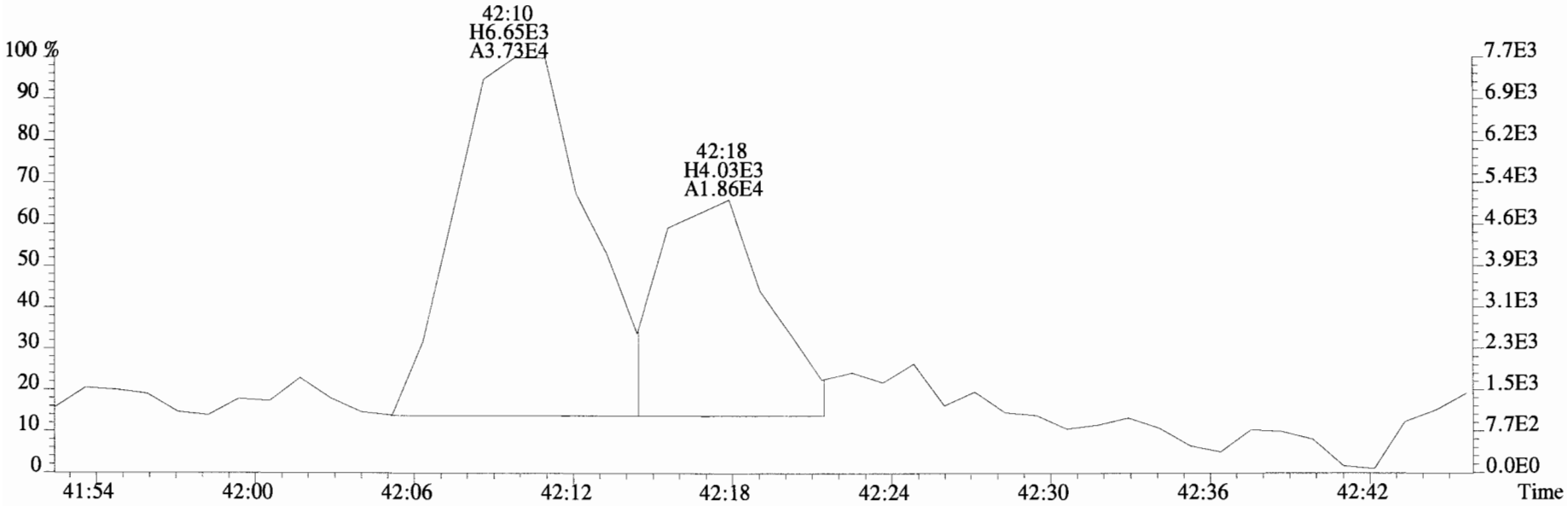
File:180303E1 #1-574 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1



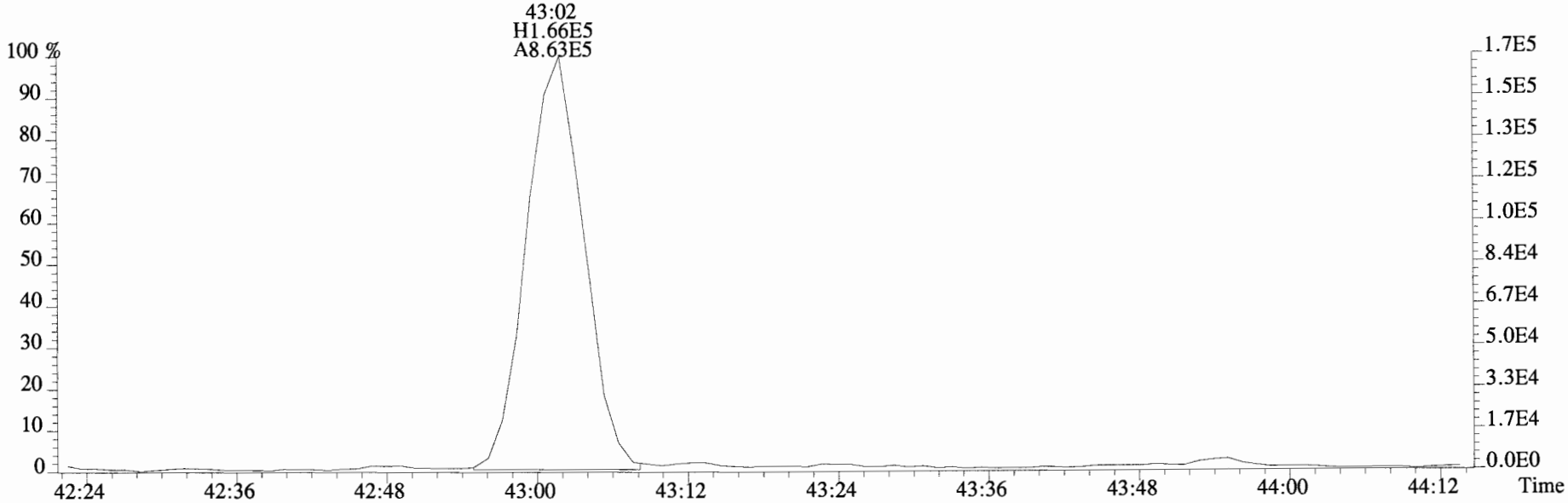
File:180303E1 #1-574 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
325.8804 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2048.0,0.00%,F,F)



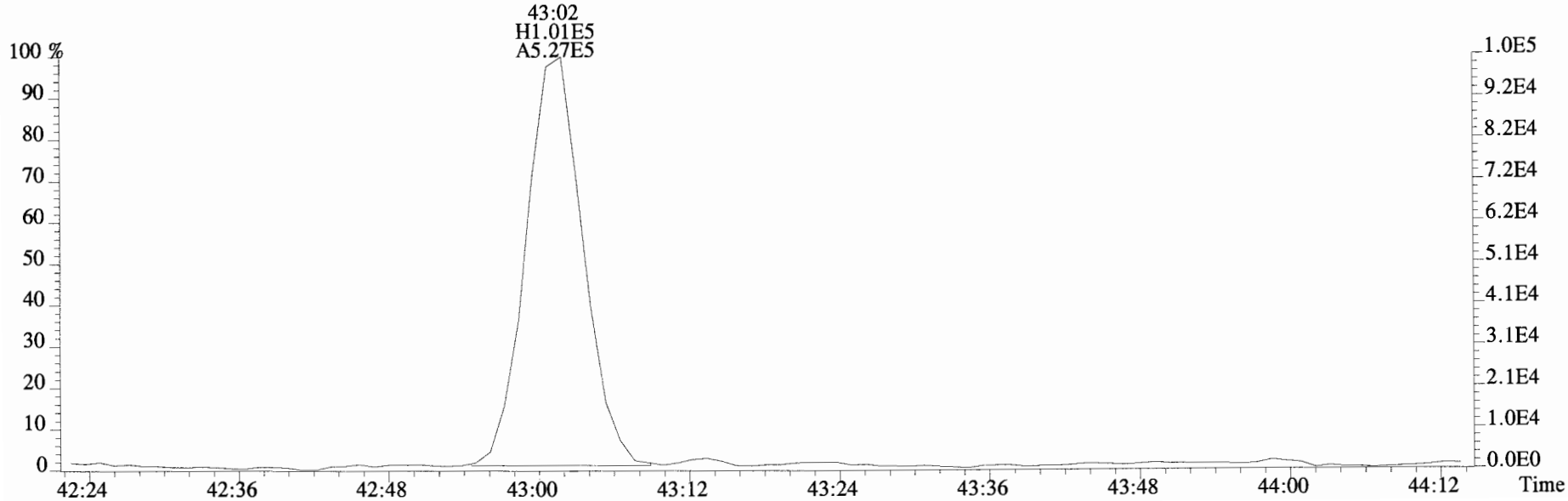
327.8775 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1640.0,0.00%,F,F)



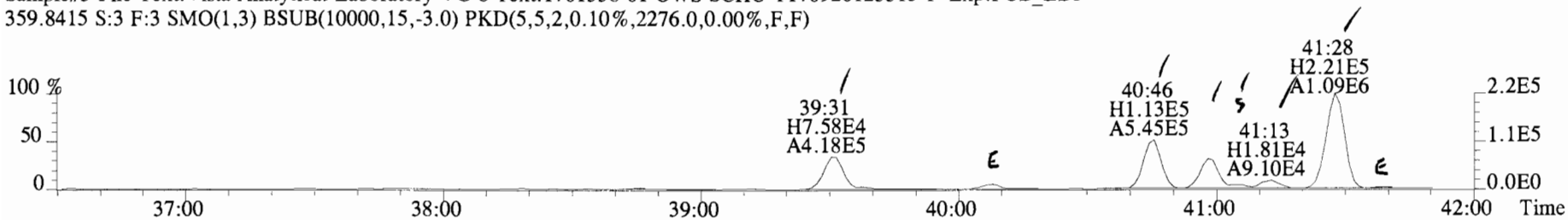
File:180303E1 #1-574 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
325.8804 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2048.0,0.00%,F,F)



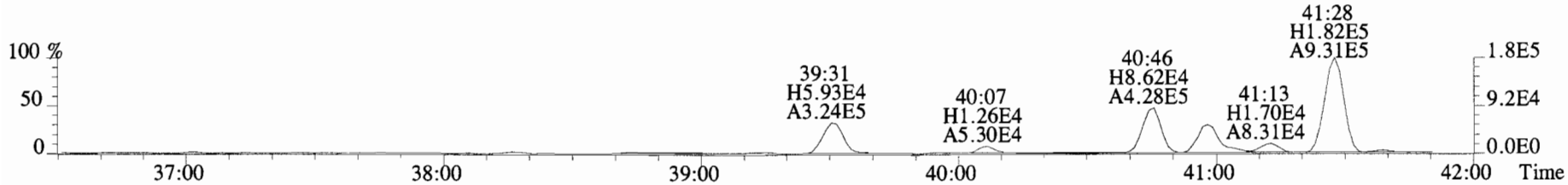
327.8775 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1640.0,0.00%,F,F)



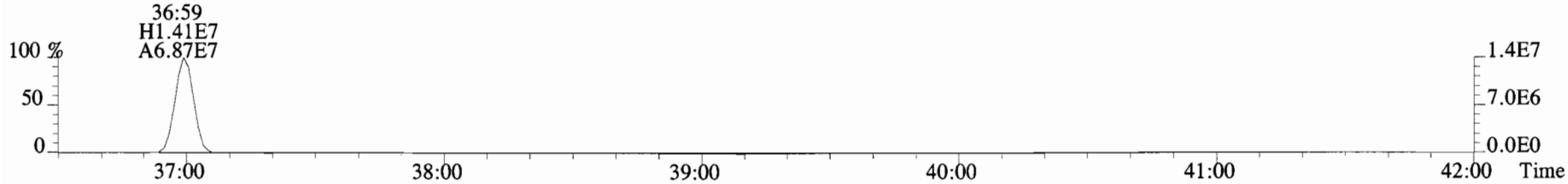
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
359.8415 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2276.0,0.00%,F,F)



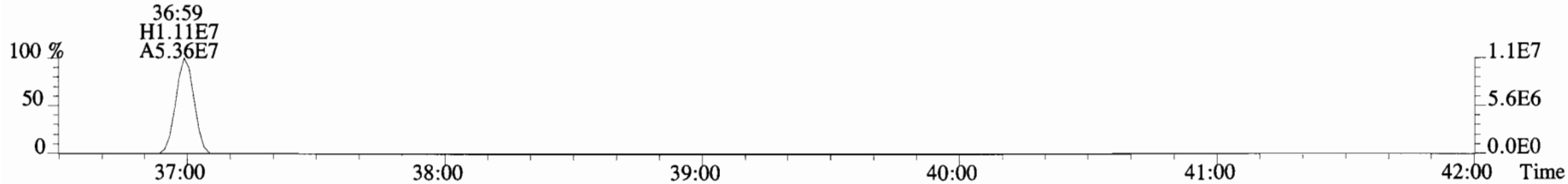
361.8385 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2308.0,0.00%,F,F)



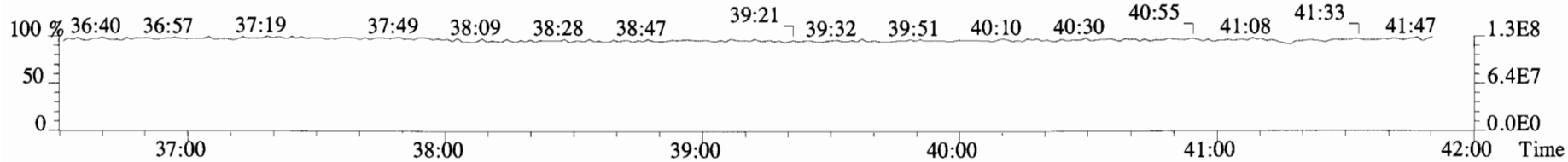
371.8817 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2756.0,0.00%,F,F)



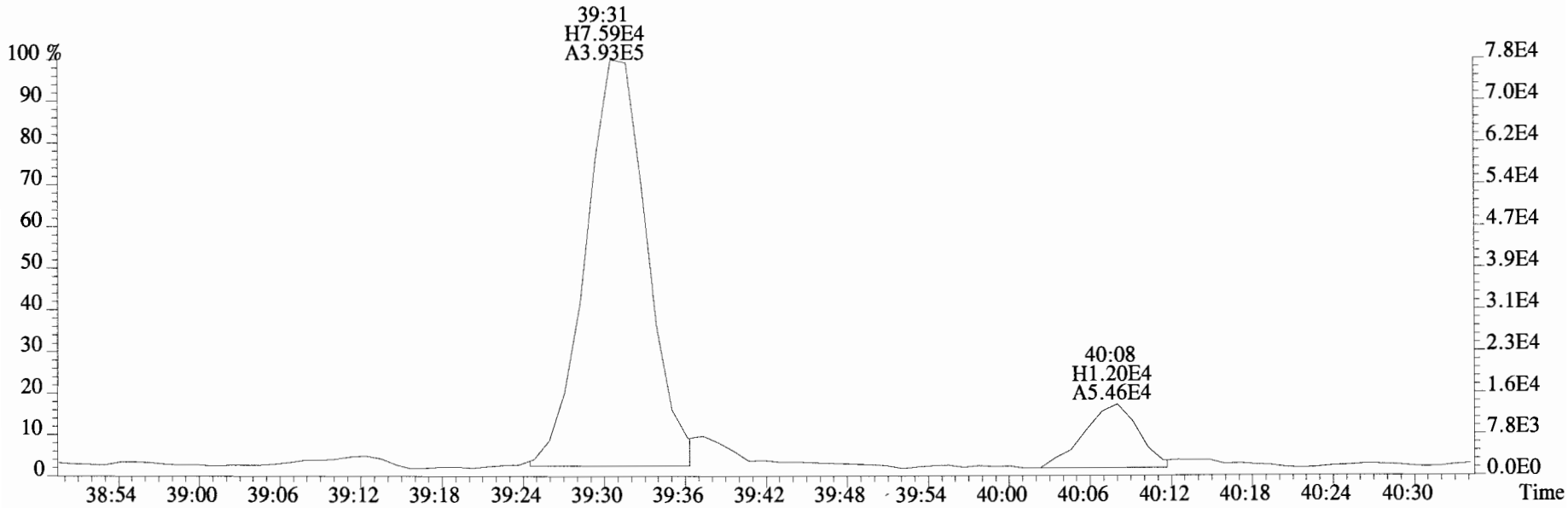
373.8788 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3456.0,0.00%,F,F)



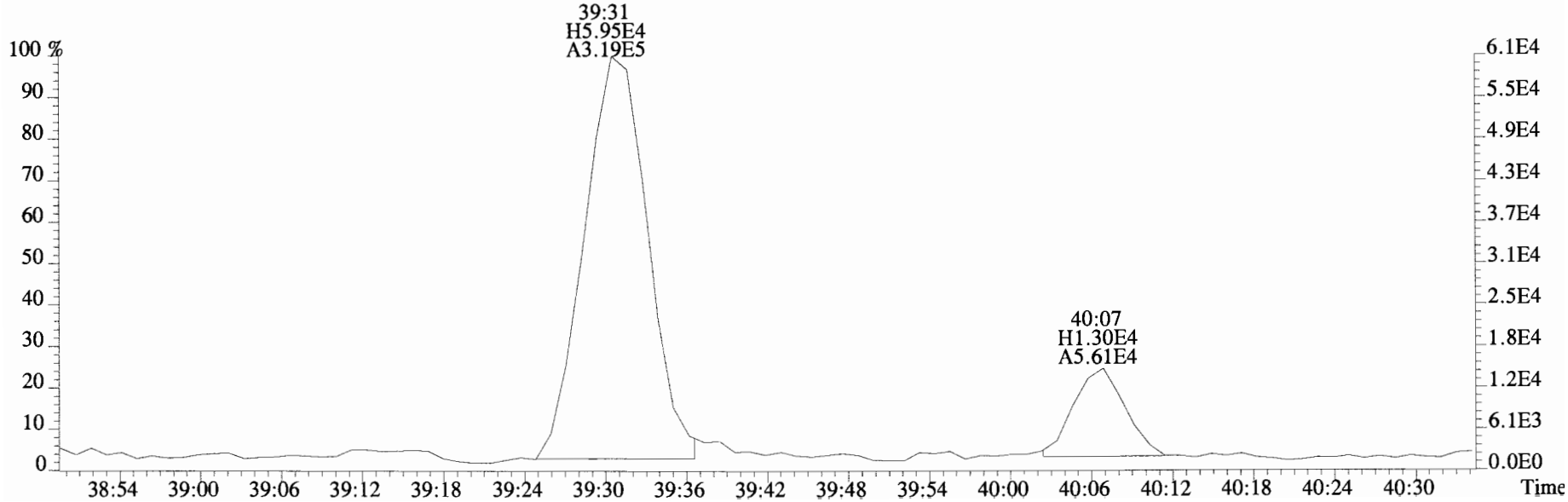
330.9792 S:3 F:3



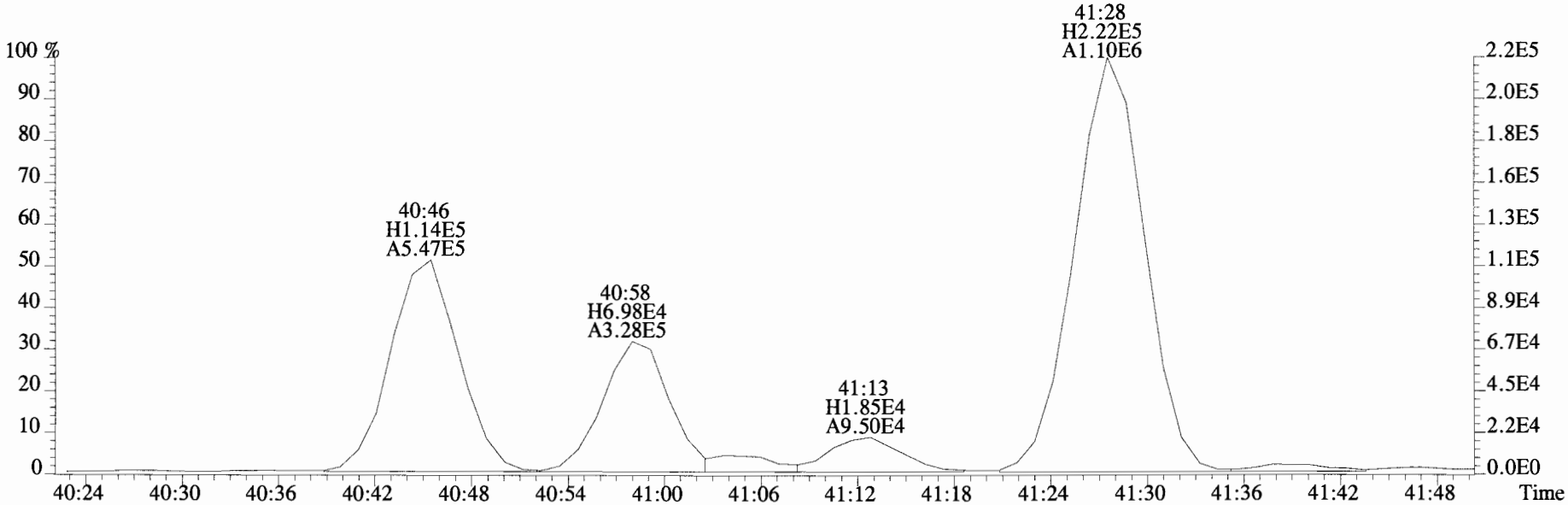
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
359.8415 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2276.0,0.00%,F,F)



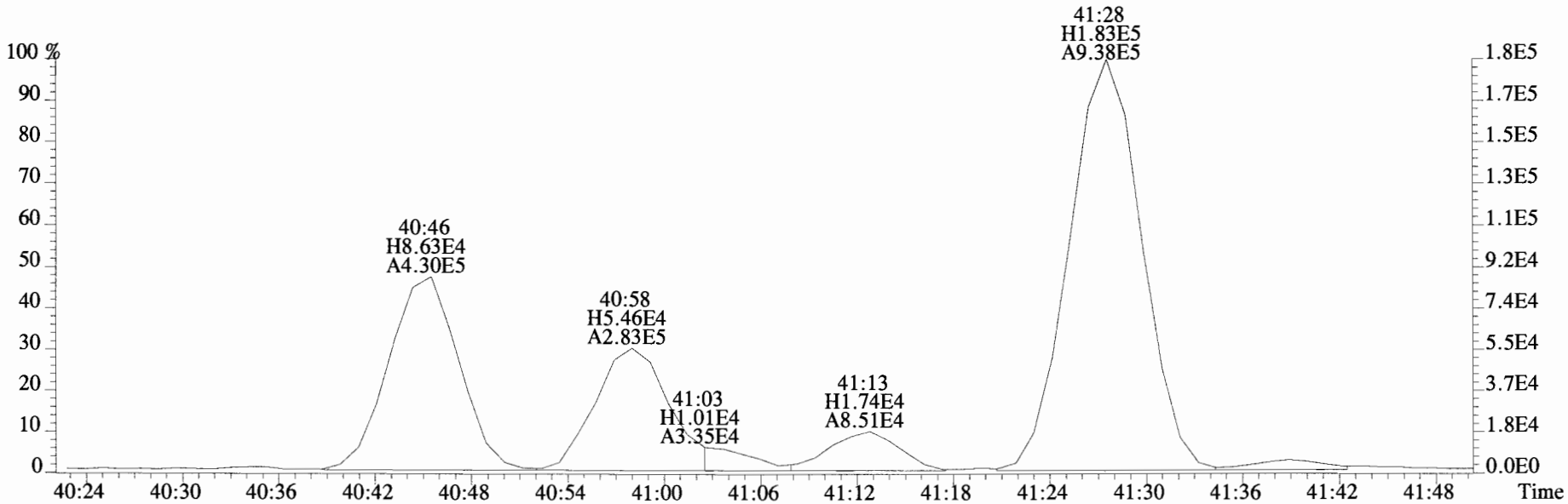
361.8385 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2308.0,0.00%,F,F)



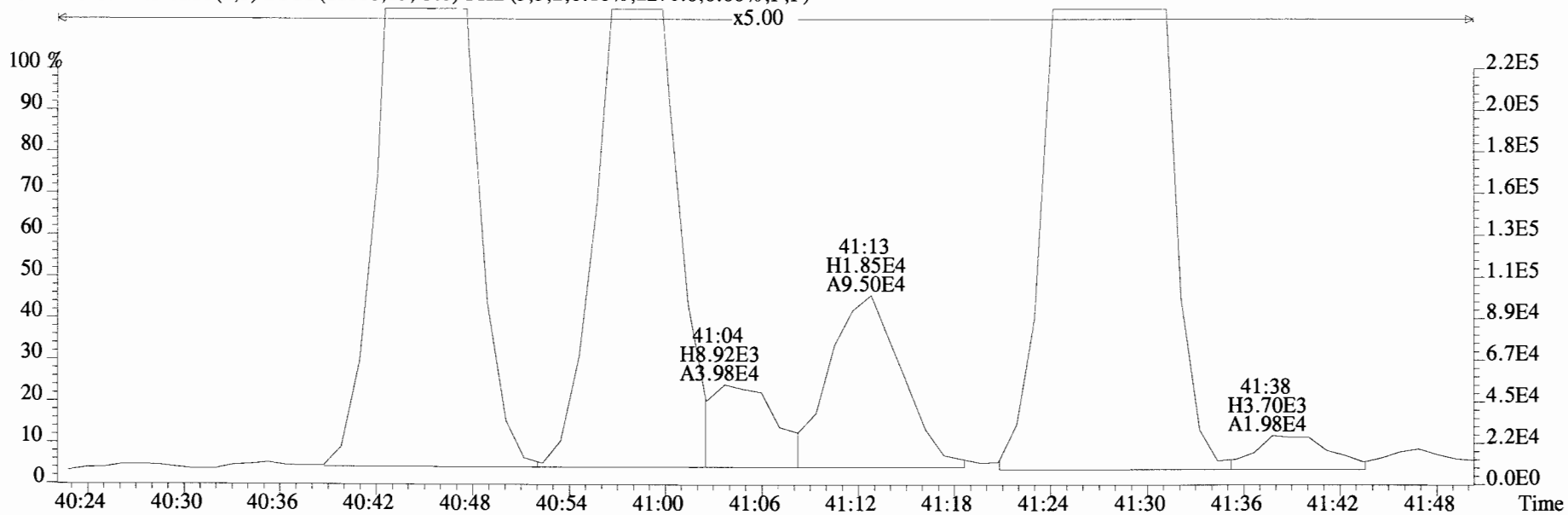
File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
359.8415 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2276.0,0.00%,F,F)



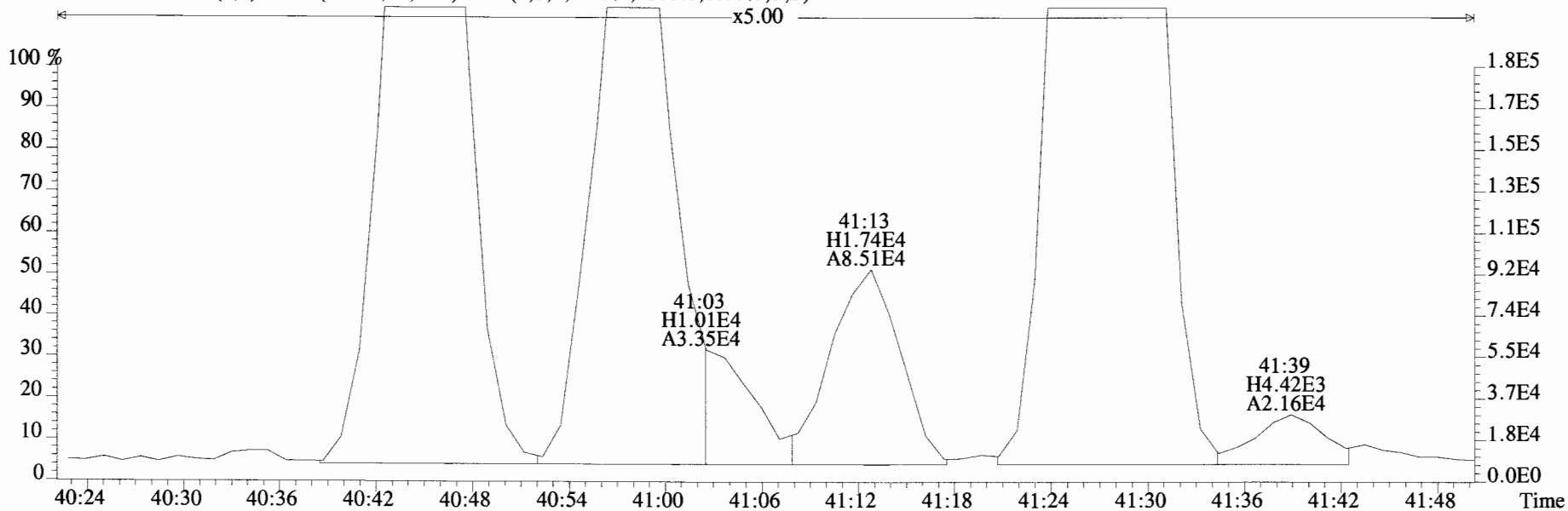
361.8385 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2308.0,0.00%,F,F)



File:180303E1 #1-756 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
359.8415 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2276.0,0.00%,F,F)

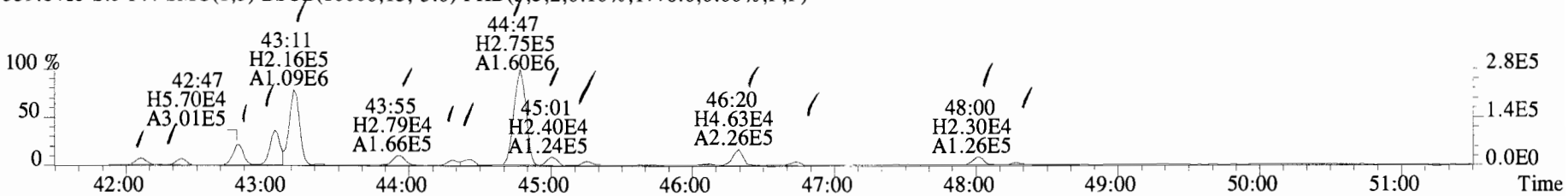


361.8385 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2308.0,0.00%,F,F)

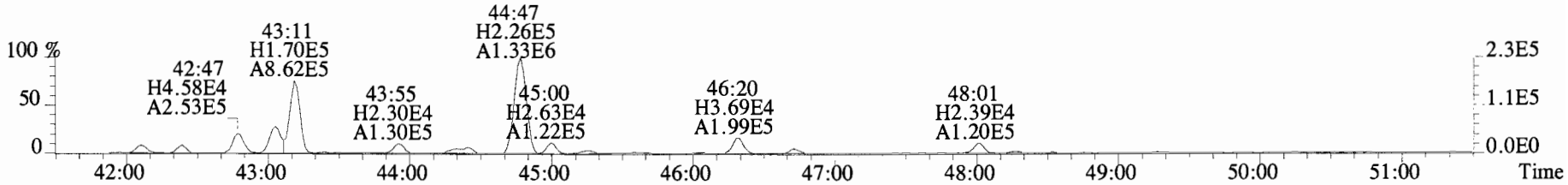


File:180303E1 #1-574 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1

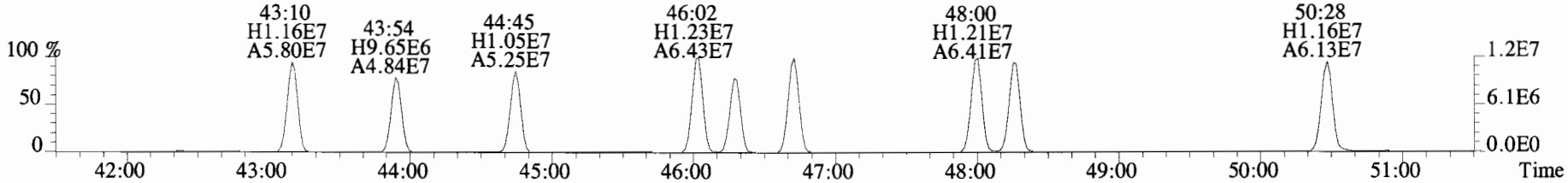
359.8415 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1776.0,0.00%,F,F)



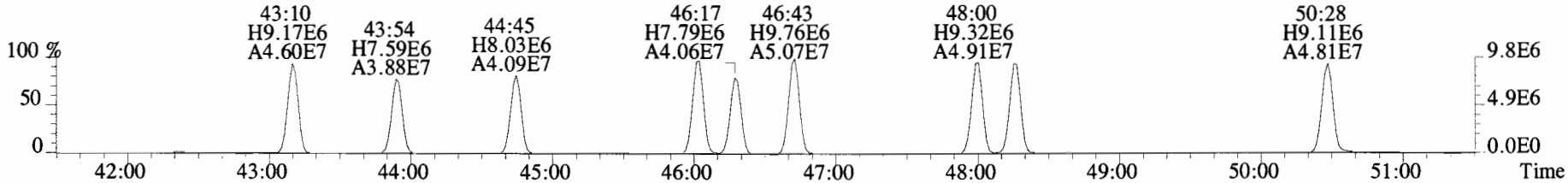
361.8385 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2032.0,0.00%,F,F)



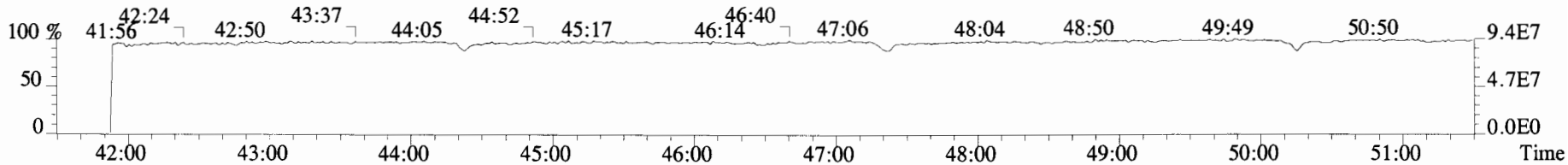
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16872.0,0.00%,F,F)



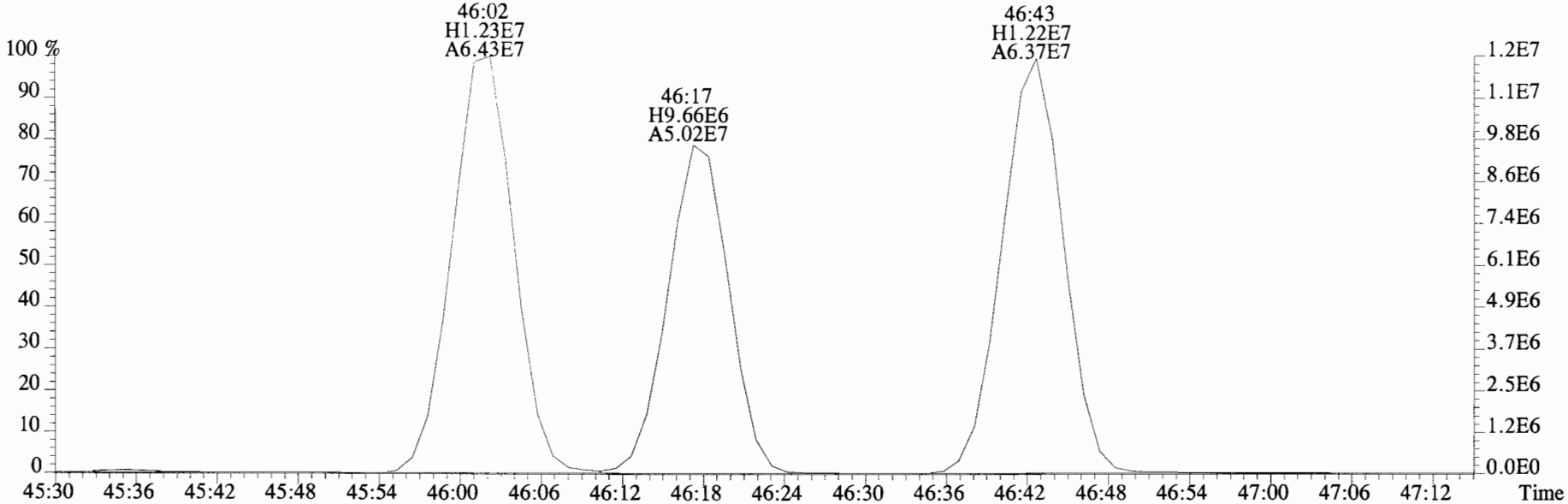
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13384.0,0.00%,F,F)



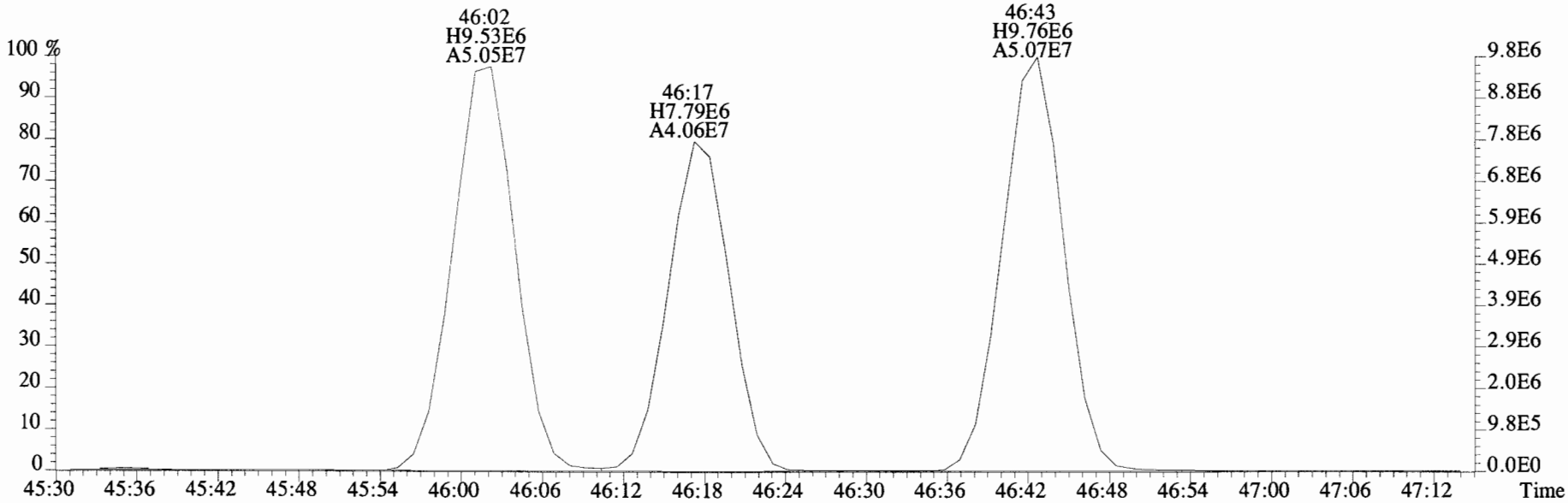
380.9760 S:3 F:4



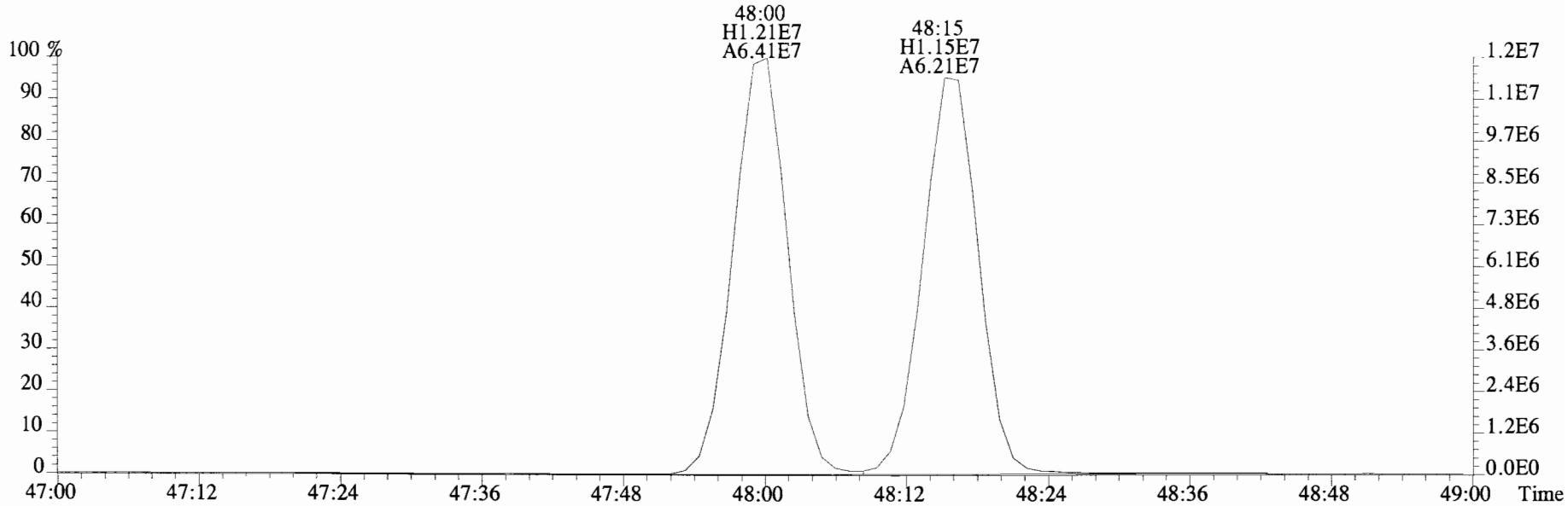
File:180303E1 #1-574 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16872.0,0.00%,F,F)



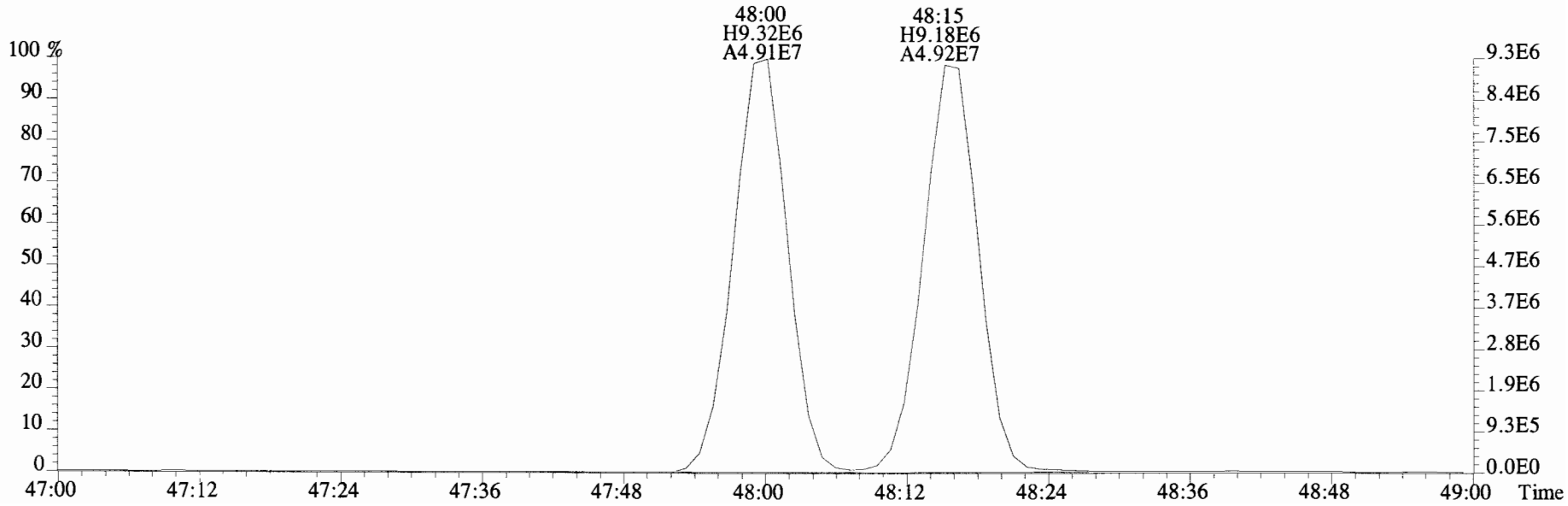
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13384.0,0.00%,F,F)



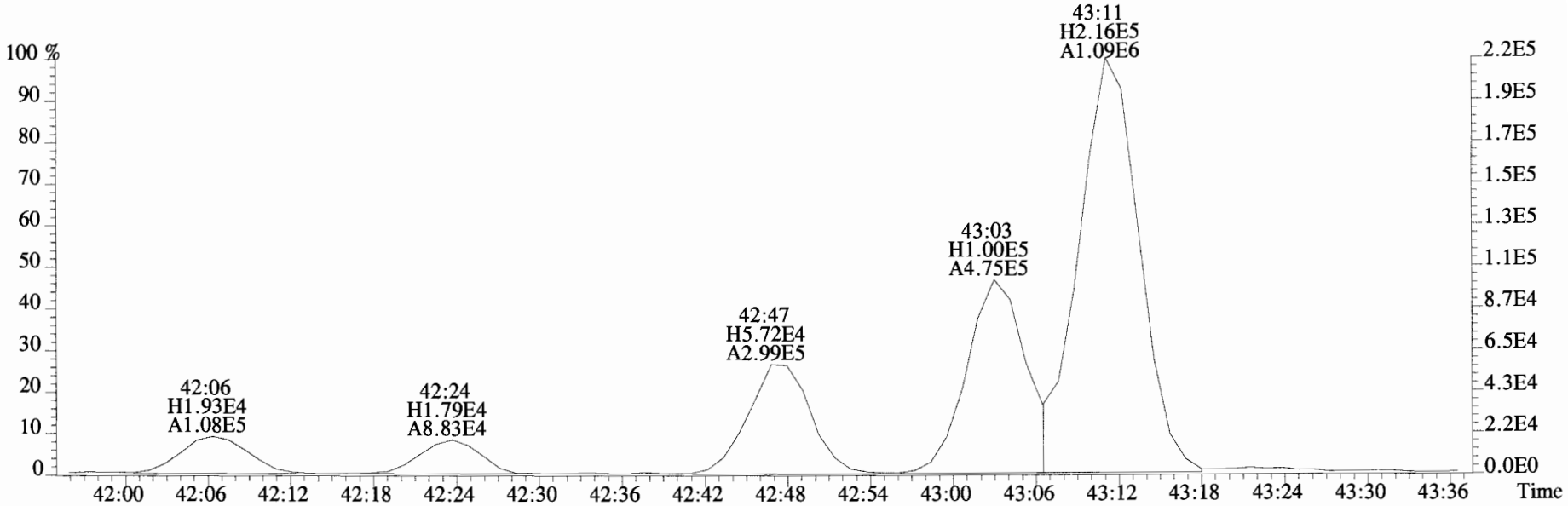
File:180303E1 #1-574 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16872.0,0.00%,F,F)



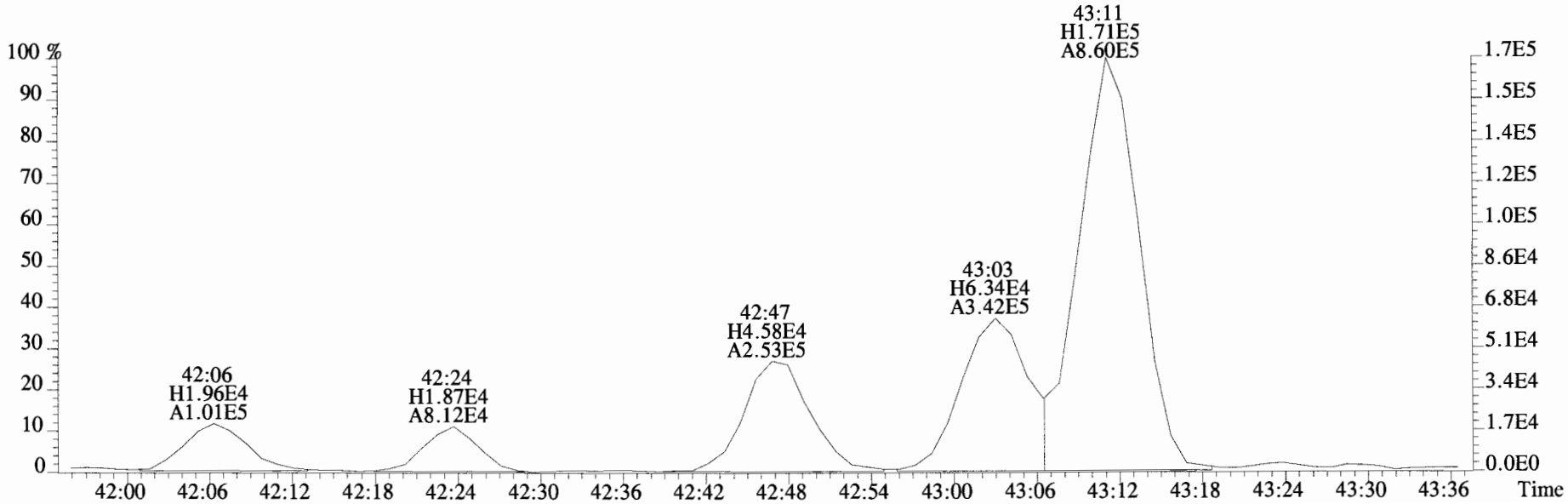
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13384.0,0.00%,F,F)



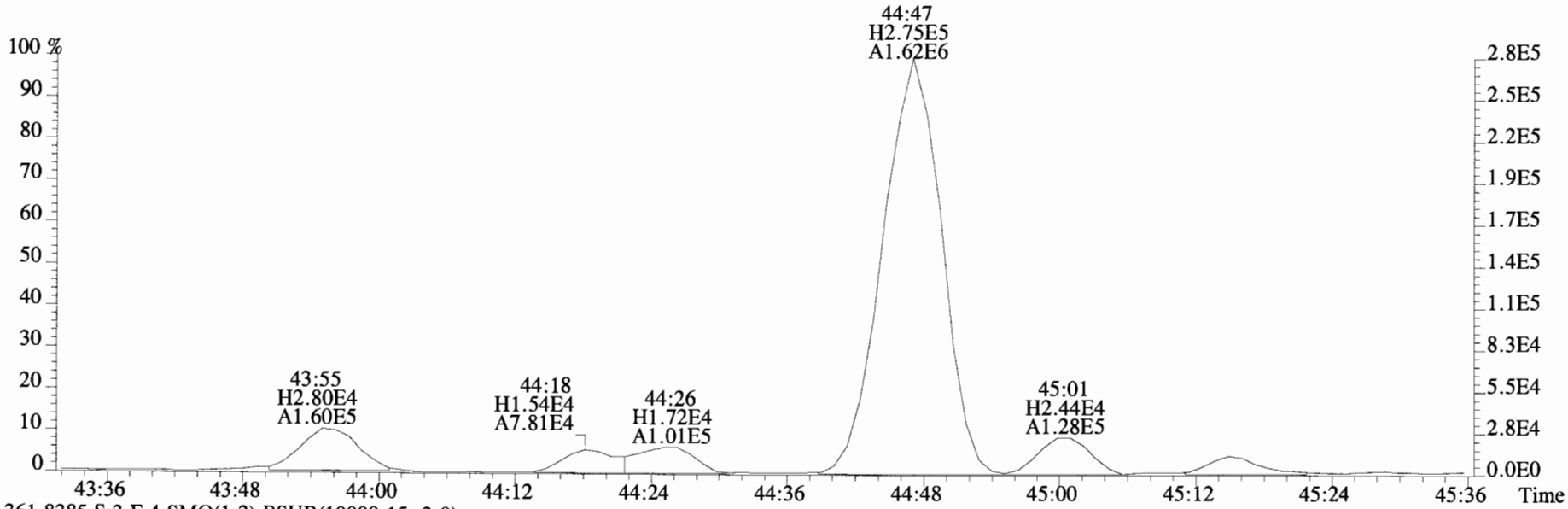
File:180303E1 #1-574 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
359.8415 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0)



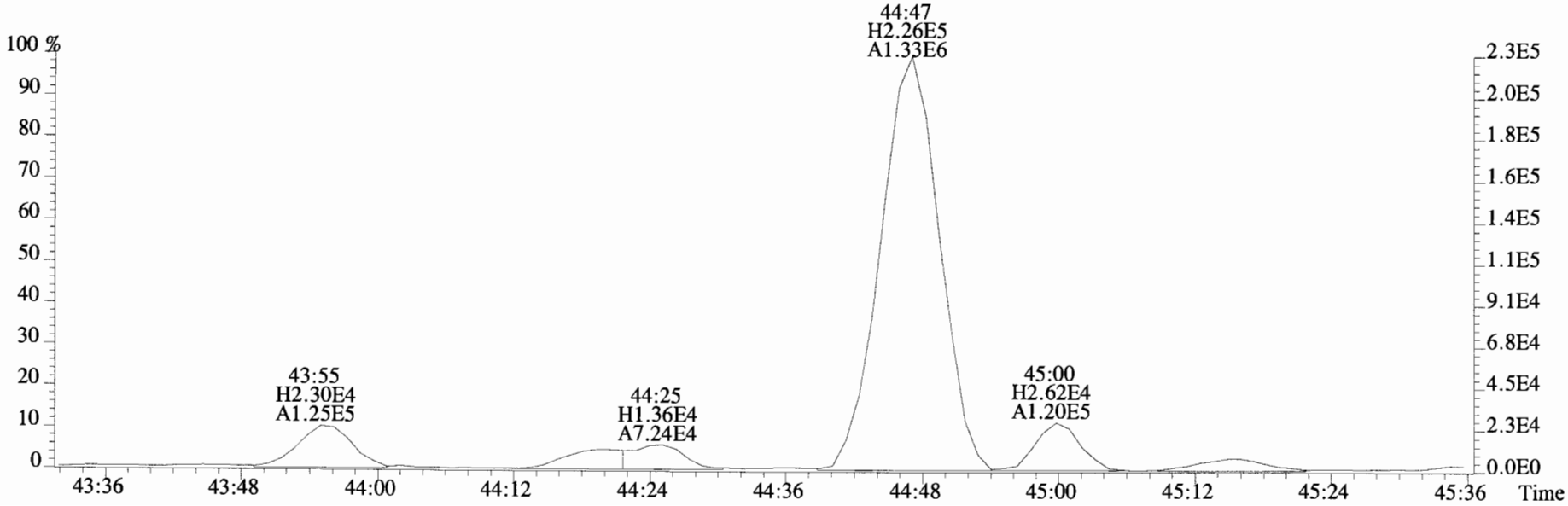
361.8385 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0)



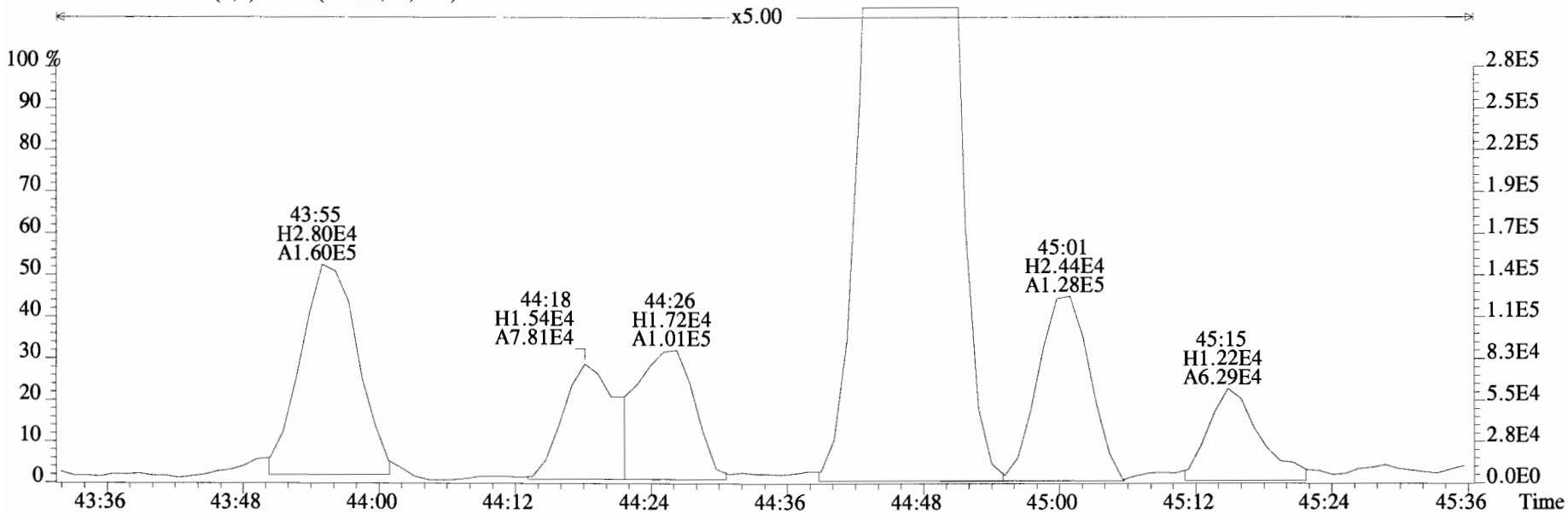
File:180303E1 #1-574 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
359.8415 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0)



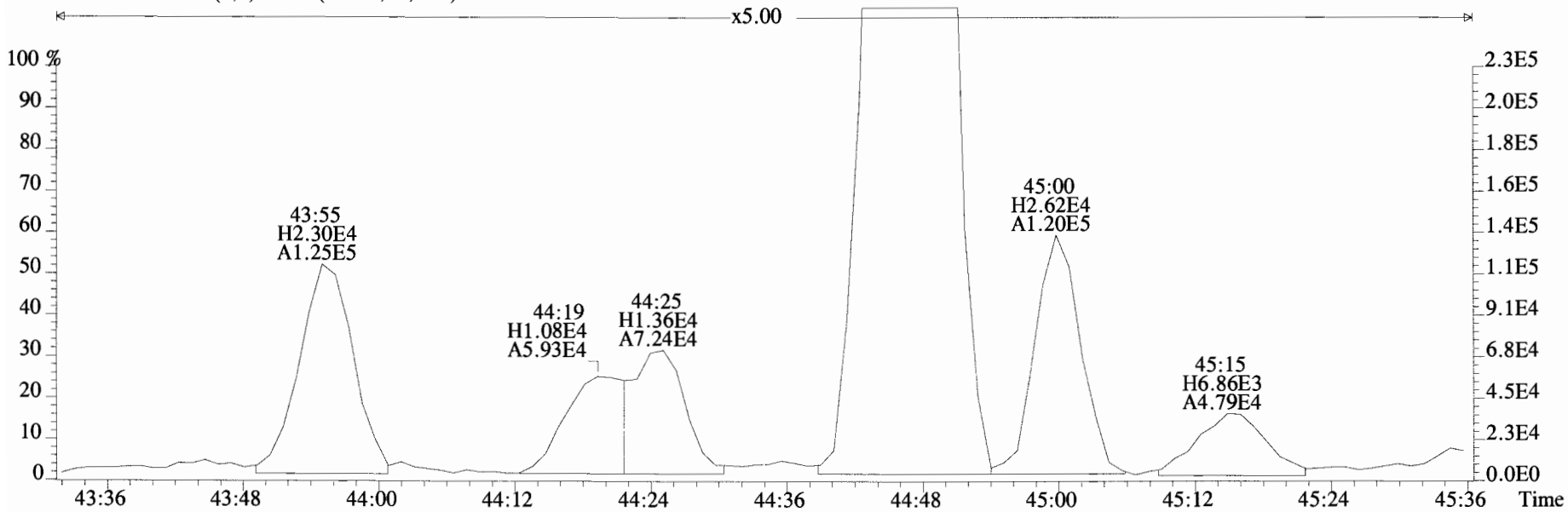
361.8385 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0)



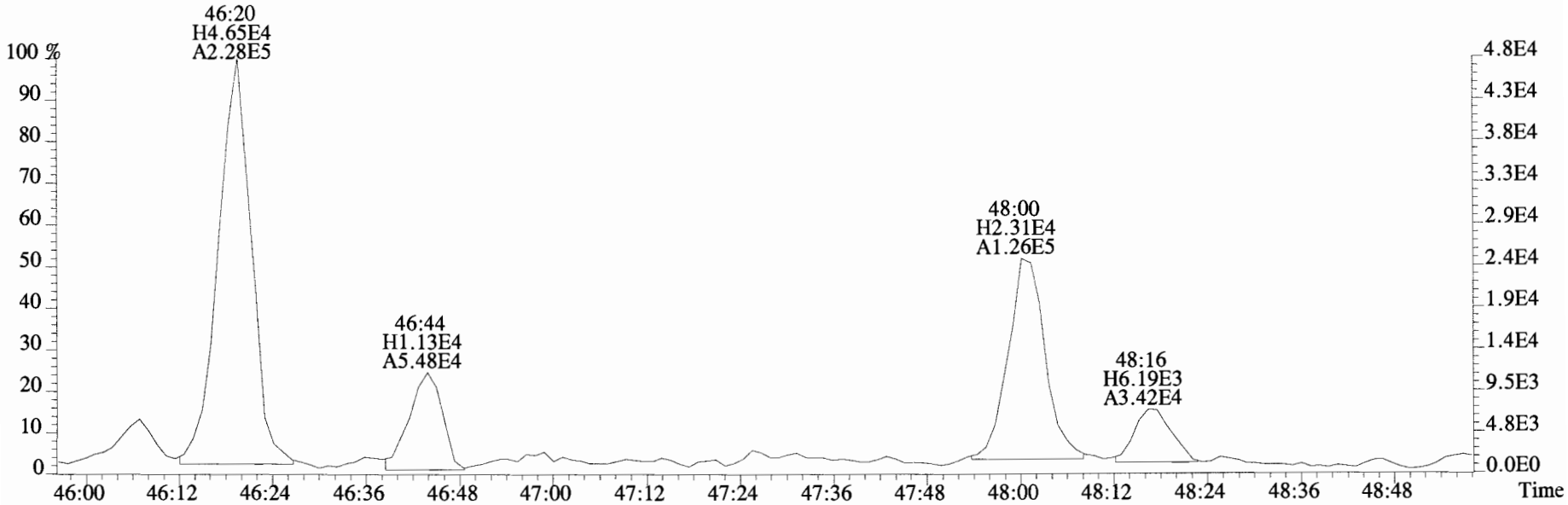
File:180303E1 #1-574 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
359.8415 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0)



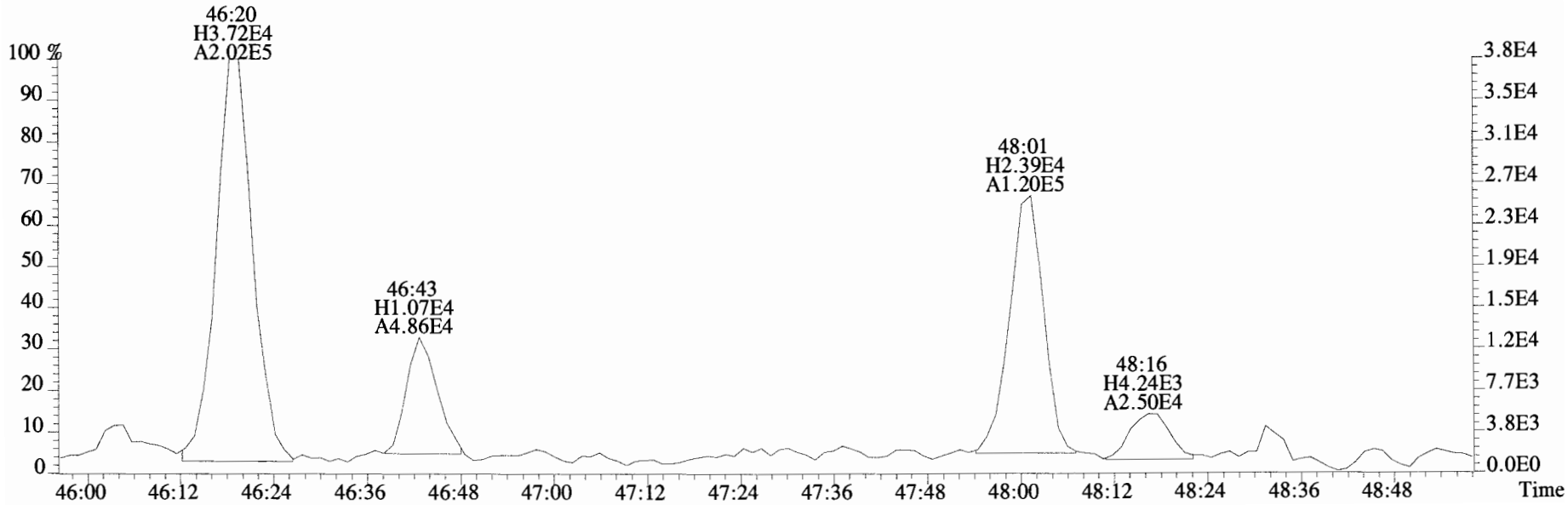
361.8385 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0)



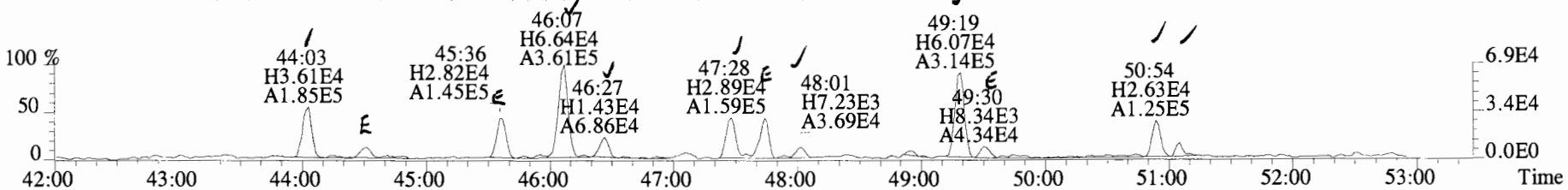
File:180303E1 #1-574 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
359.8415 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0)



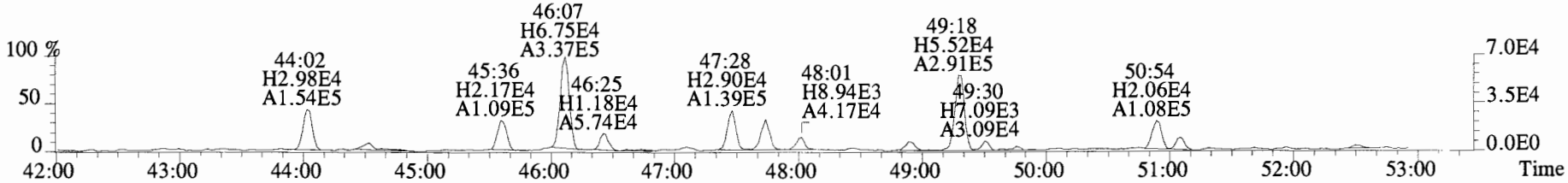
361.8385 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0)



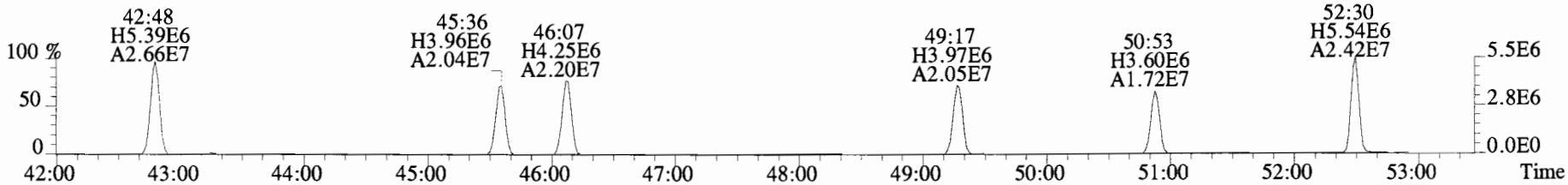
File:180303E1 #1-574 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
393.8025 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)



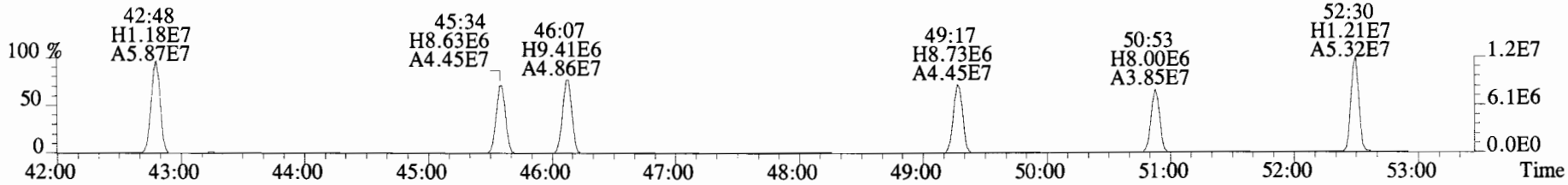
395.7995 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1832.0,0.00%,F,F)



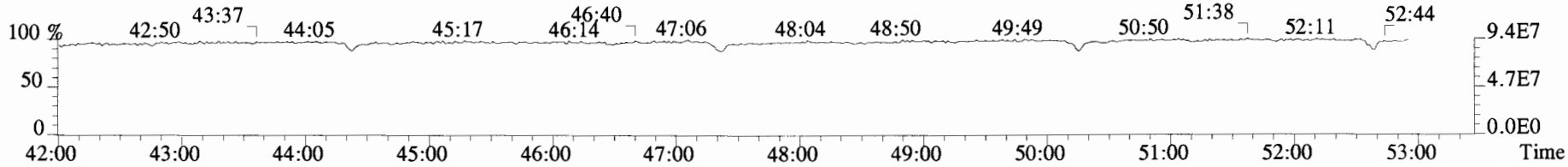
403.8457 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4712.0,0.00%,F,F)



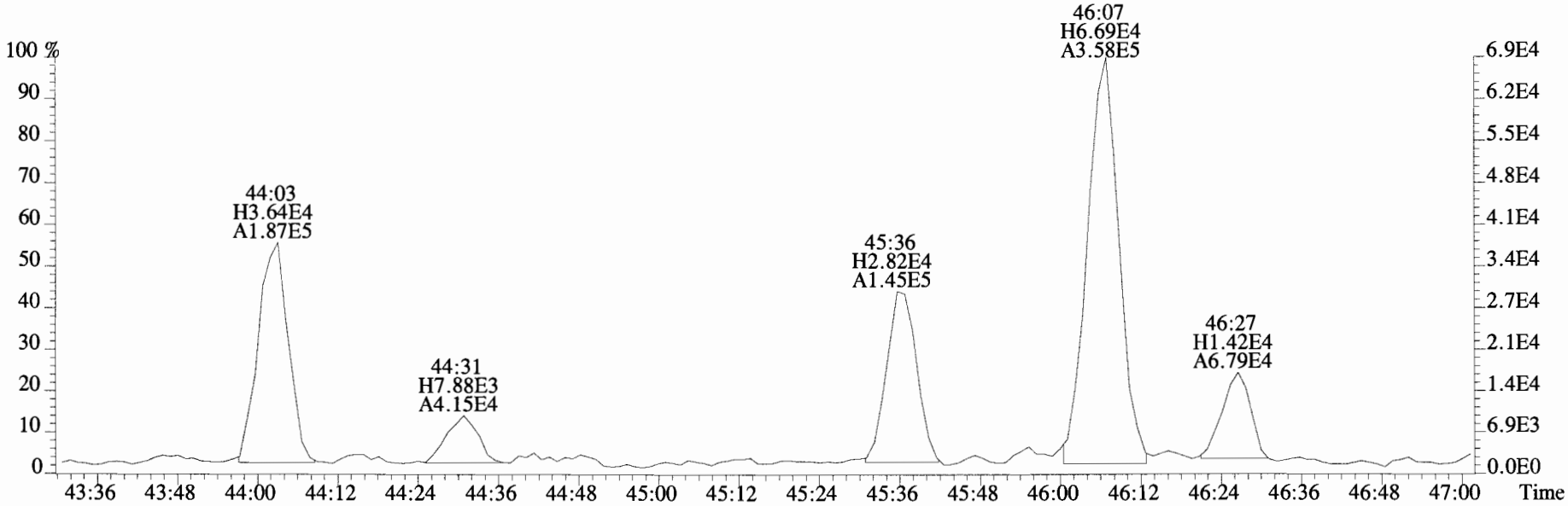
405.8428 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9096.0,0.00%,F,F)



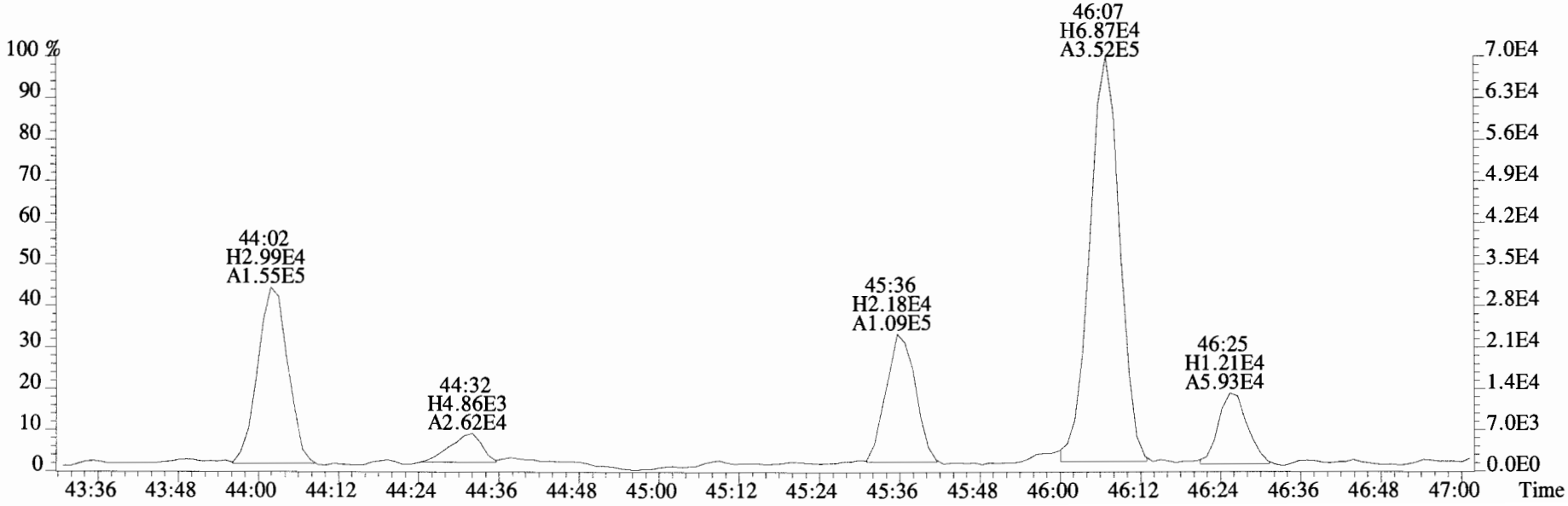
380.9760 S:3 F:4



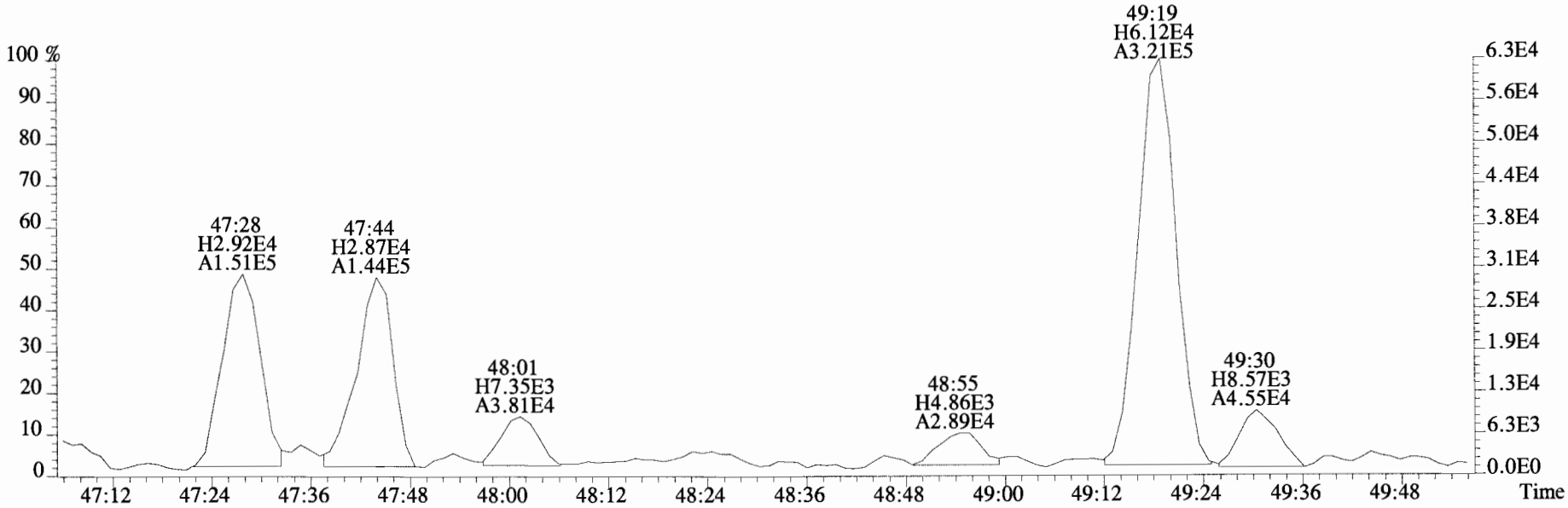
File:180303E1 #1-574 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
393.8025 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)



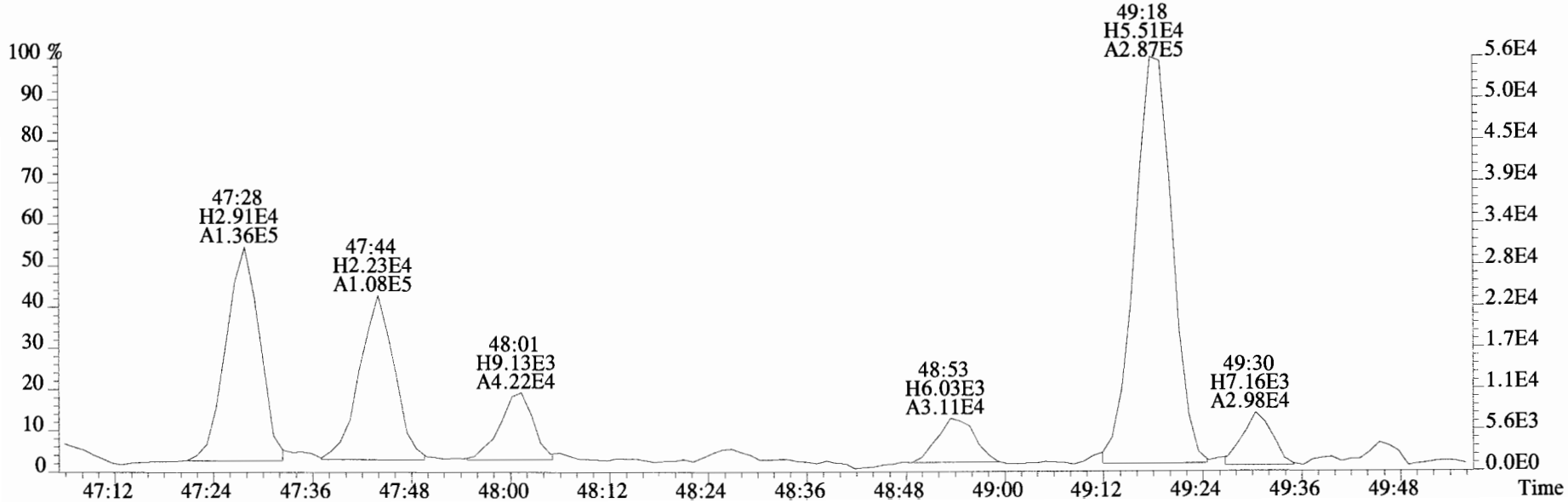
395.7995 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1832.0,0.00%,F,F)



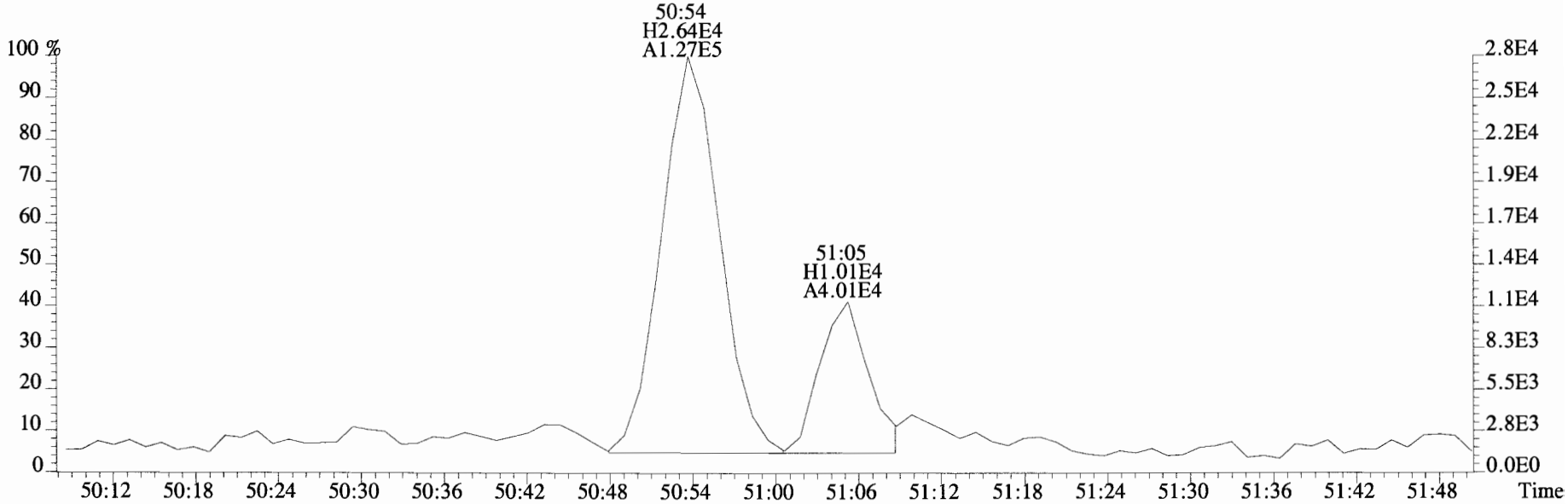
File:180303E1 #1-574 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
393.8025 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)



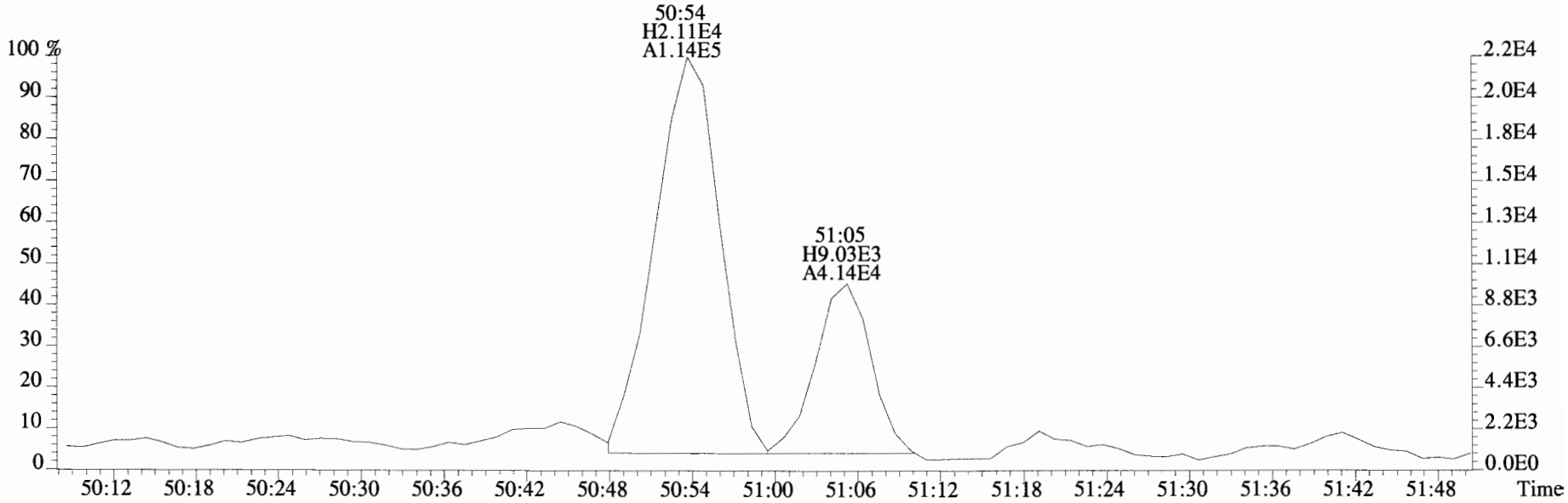
395.7995 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1832.0,0.00%,F,F)



File:180303E1 #1-574 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
393.8025 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)

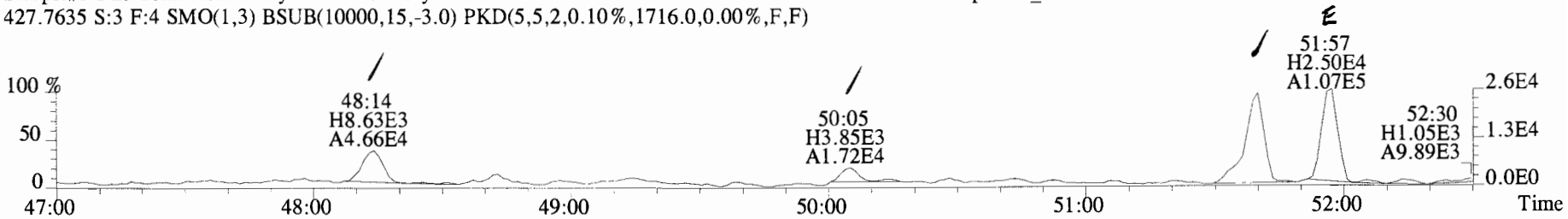


395.7995 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1832.0,0.00%,F,F)

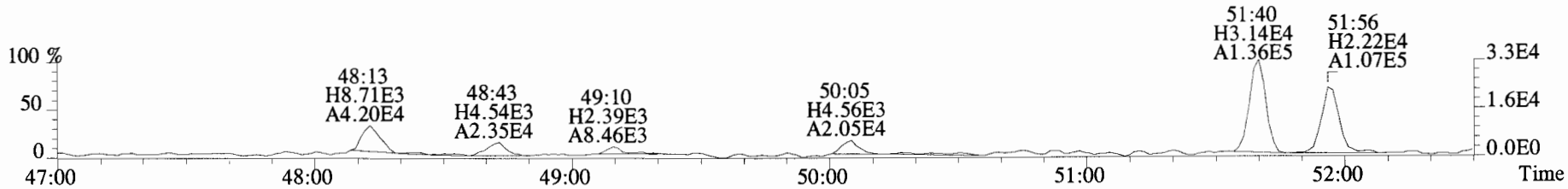


File:180303E1 #1-574 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1

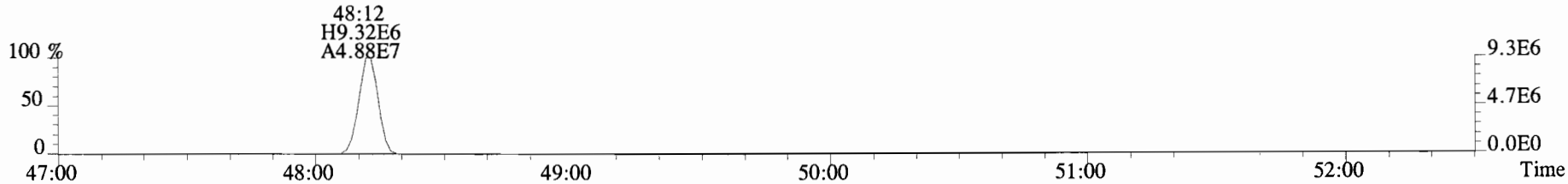
427.7635 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1716.0,0.00%,F,F)



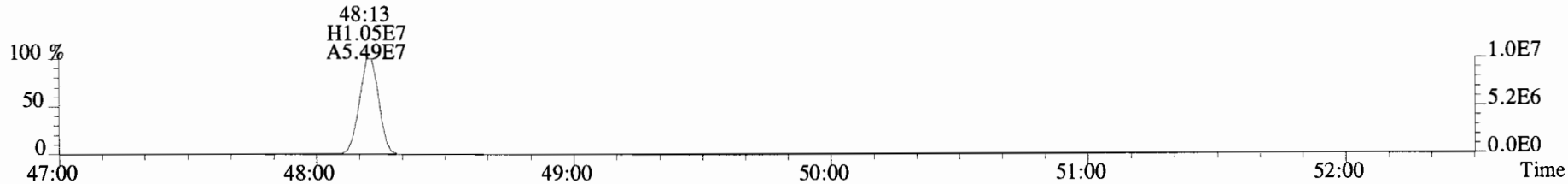
429.7606 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1676.0,0.00%,F,F)



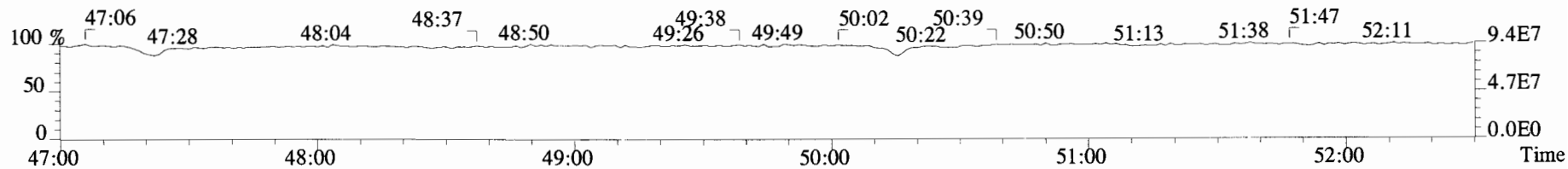
439.8038 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1632.0,0.00%,F,F)



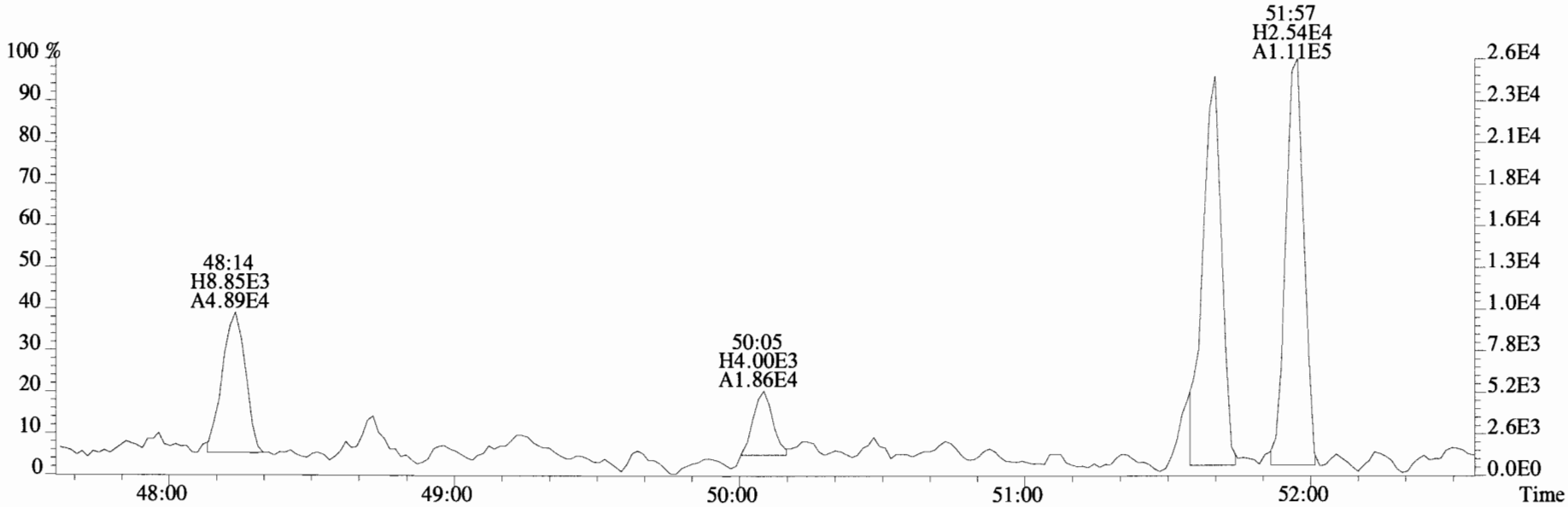
441.8008 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1808.0,0.00%,F,F)



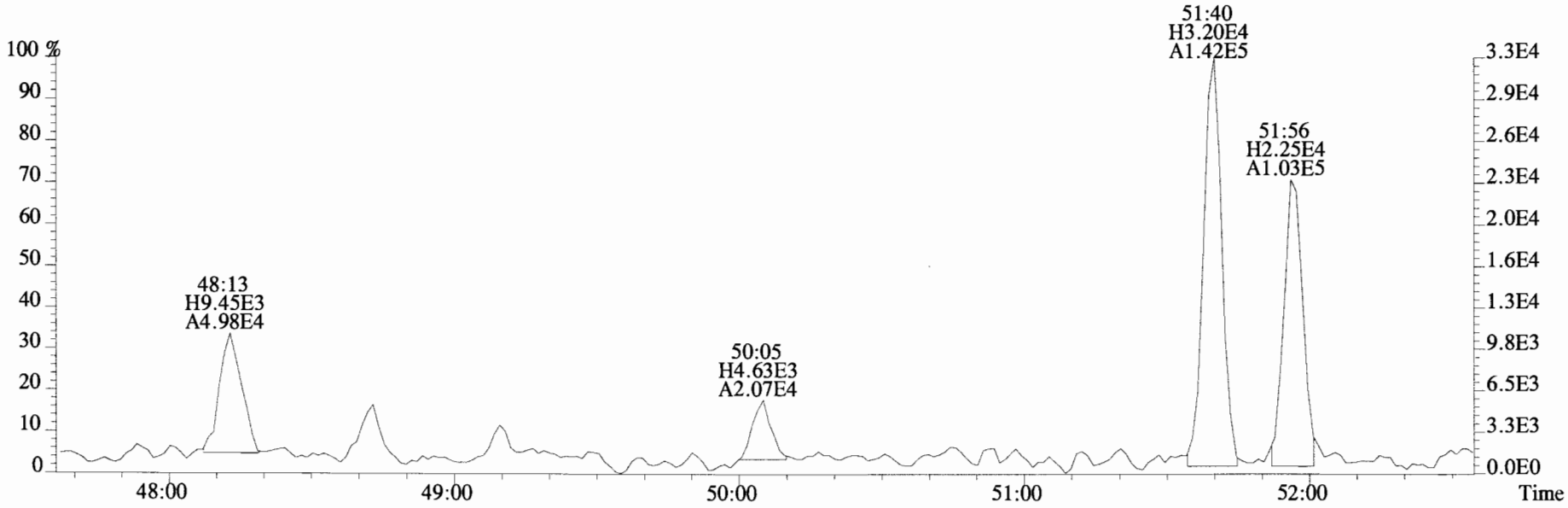
380.9760 S:3 F:4



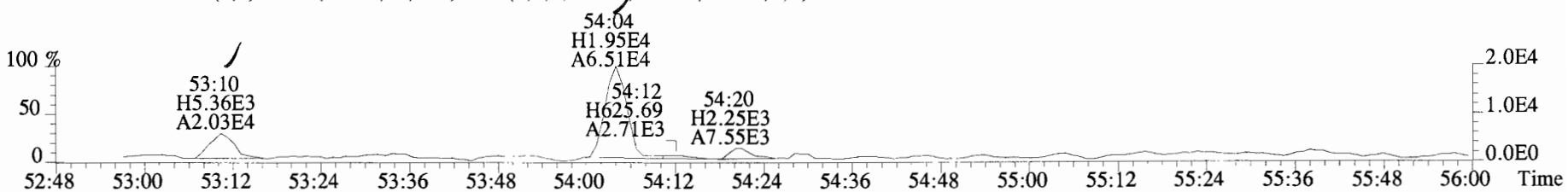
File:180303E1 #1-574 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
427.7635 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1716.0,0.00%,F,F)



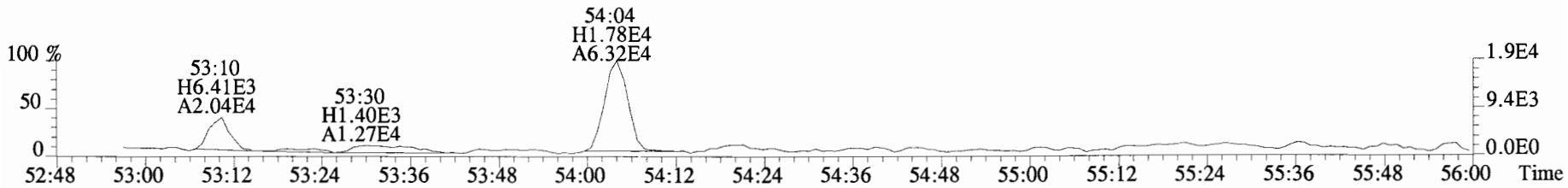
429.7606 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1676.0,0.00%,F,F)



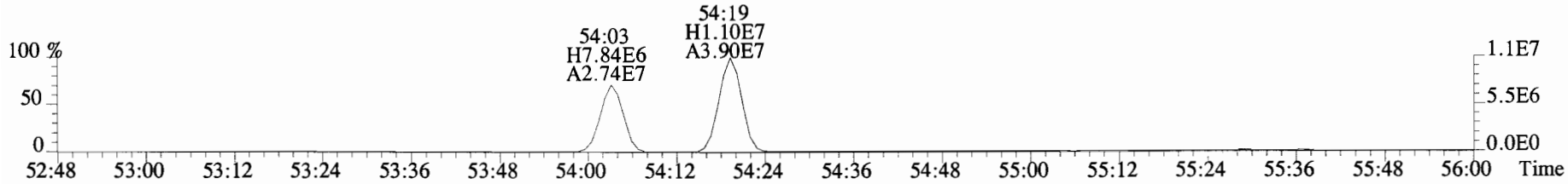
File:180303E1 #1-407 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
427.7635 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1468.0,0.00%,F,F)



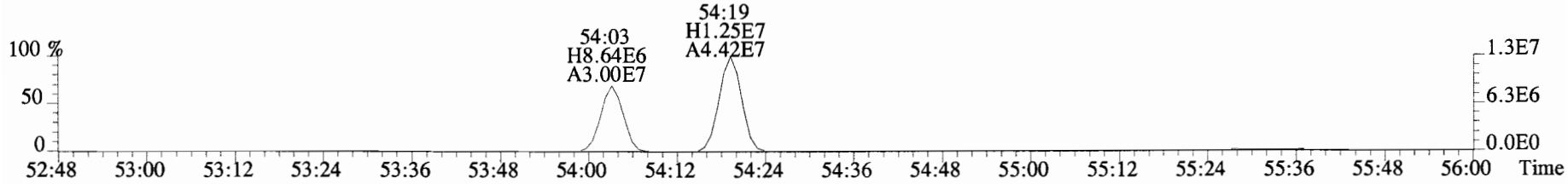
429.7606 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1668.0,0.00%,F,F)



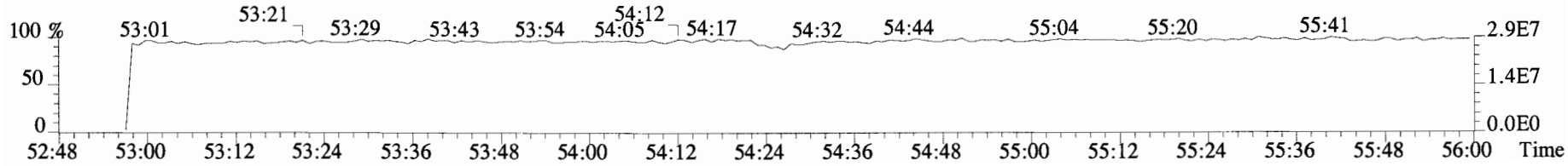
439.8038 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5248.0,0.00%,F,F)



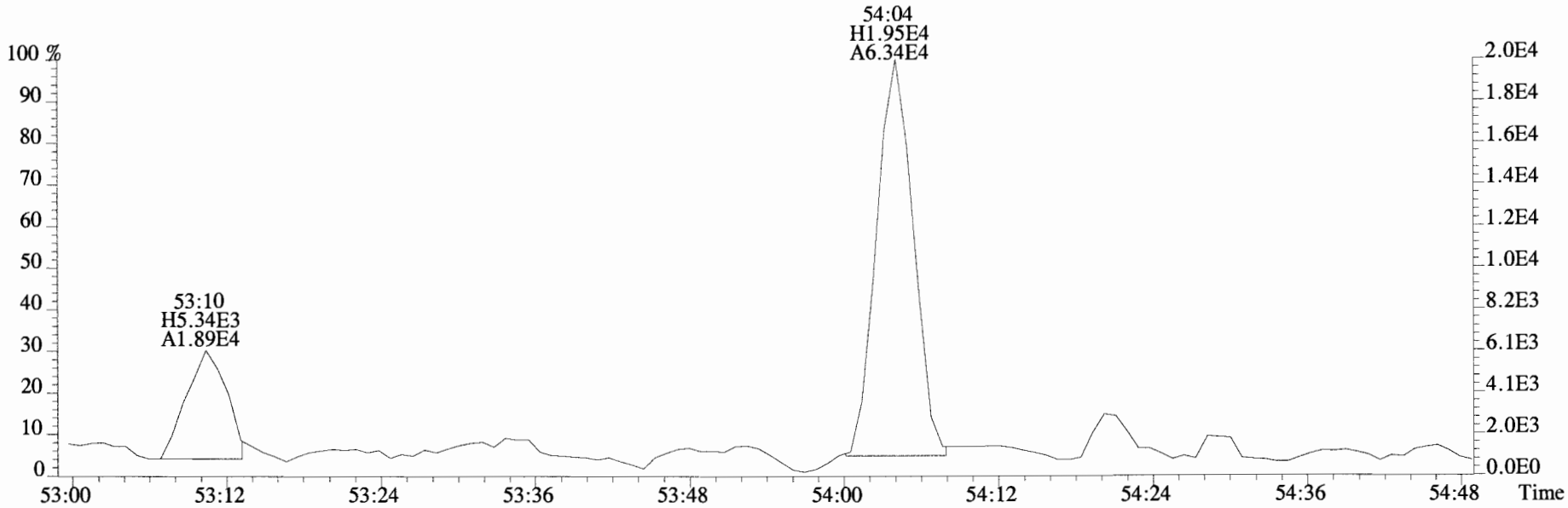
441.8008 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4684.0,0.00%,F,F)



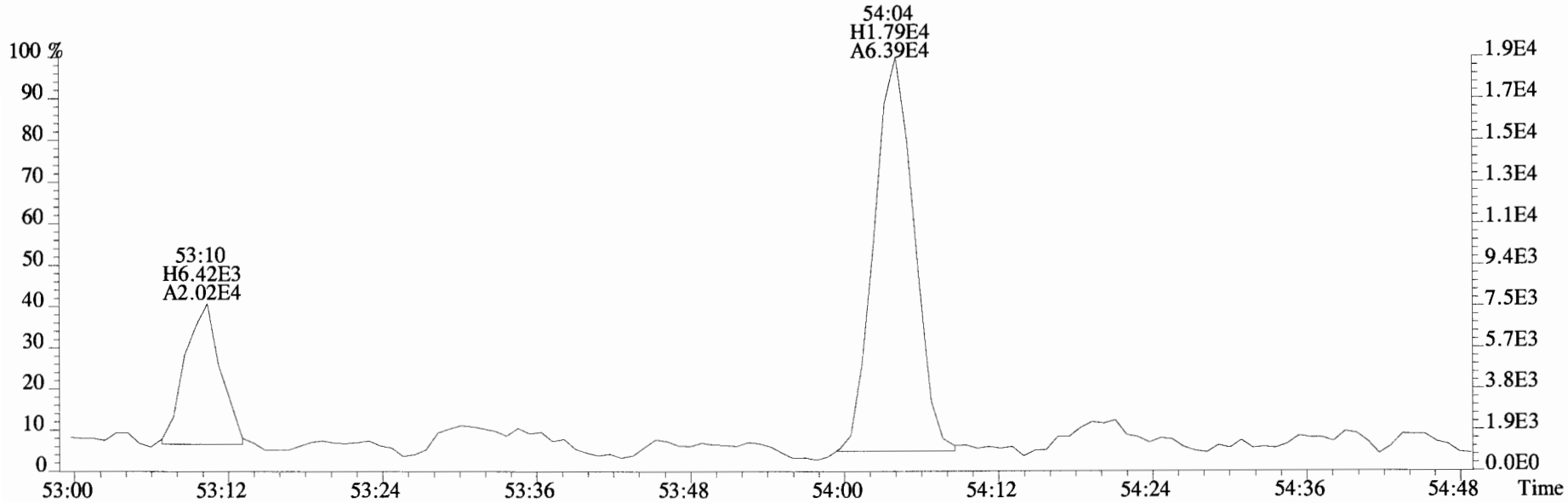
492.9697 S:3 F:5



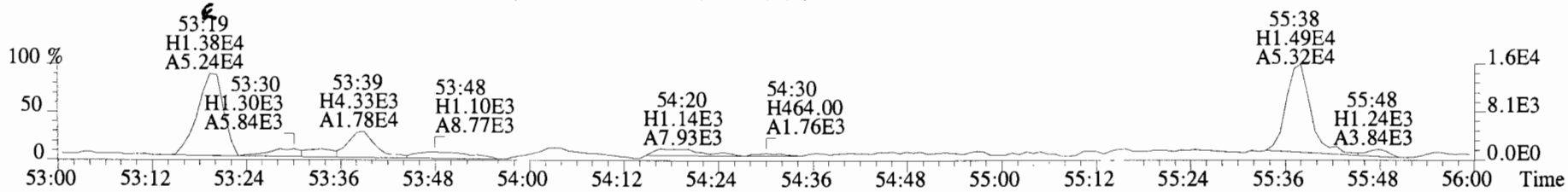
File:180303E1 #1-407 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
427.7635 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1468.0,0.00%,F,F)



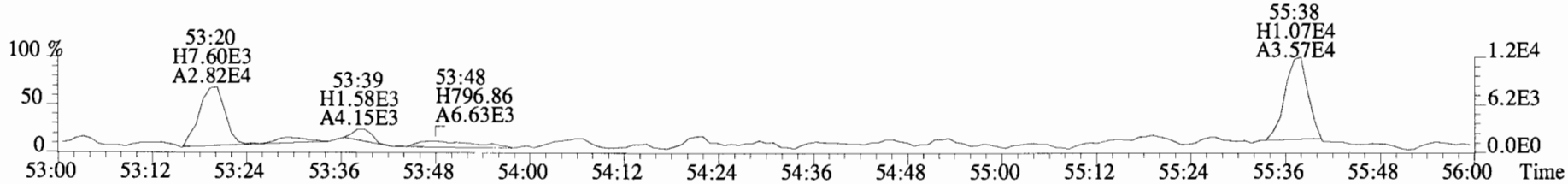
429.7606 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1668.0,0.00%,F,F)



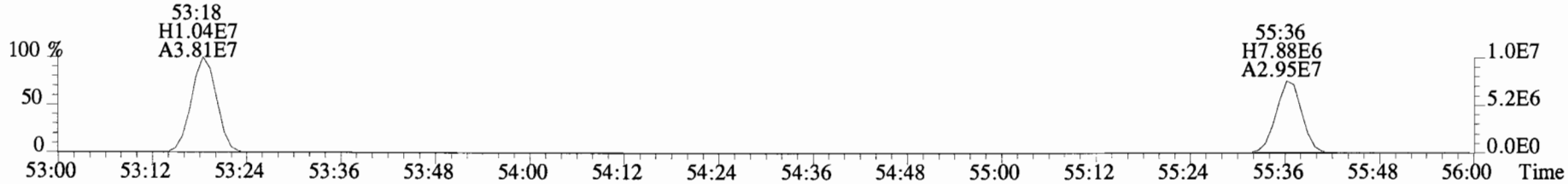
File:180303E1 #1-407 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
463.7216 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1432.0,0.00%,F,F)



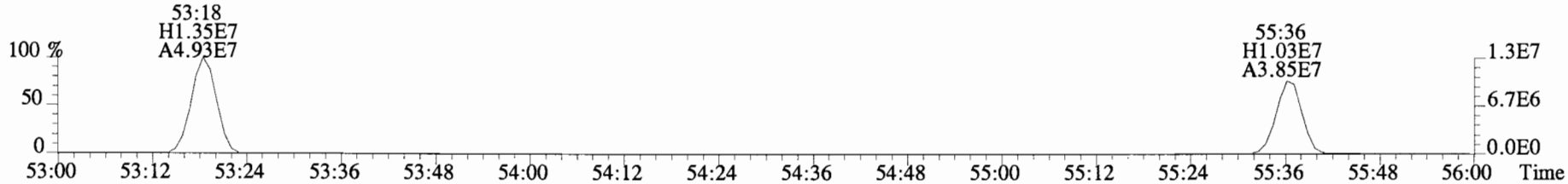
465.7186 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1492.0,0.00%,F,F)



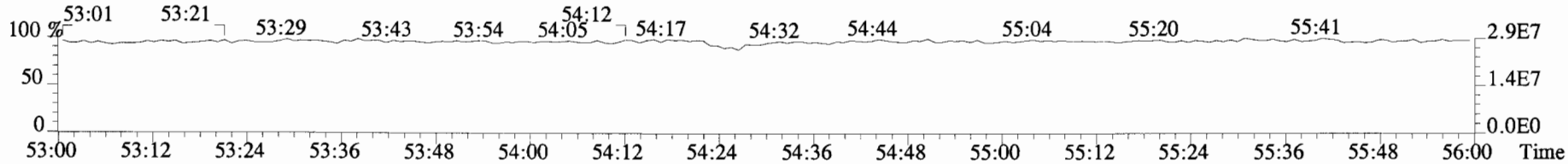
473.7648 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15284.0,0.00%,F,F)



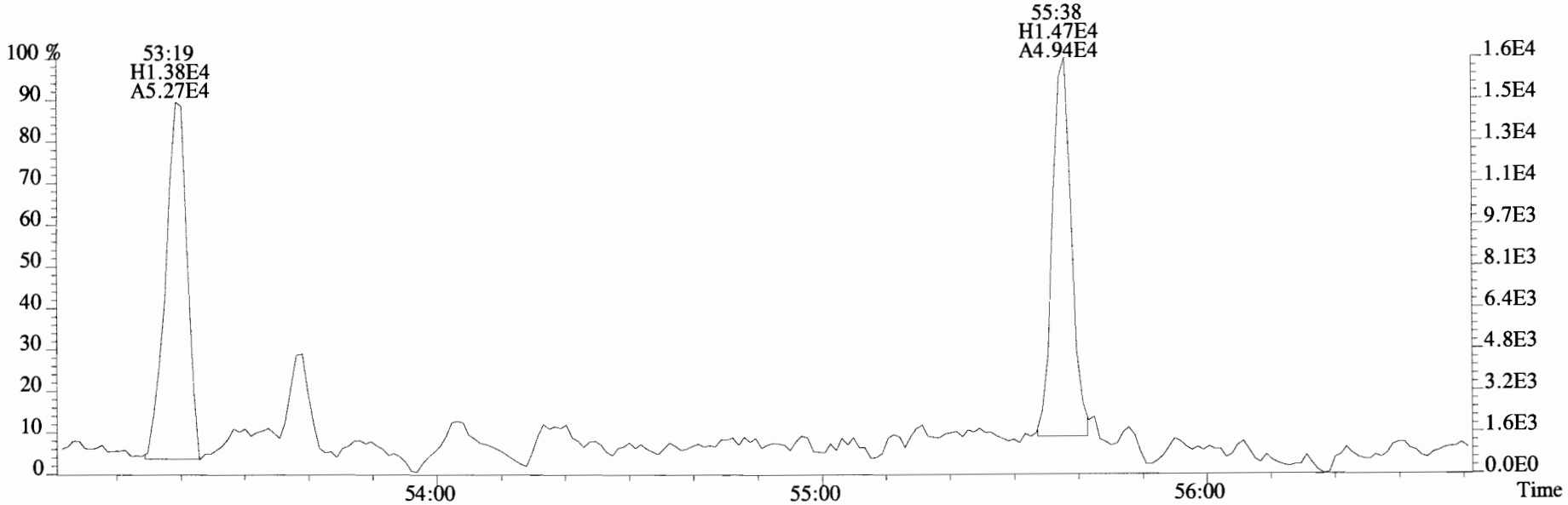
475.7619 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19308.0,0.00%,F,F)



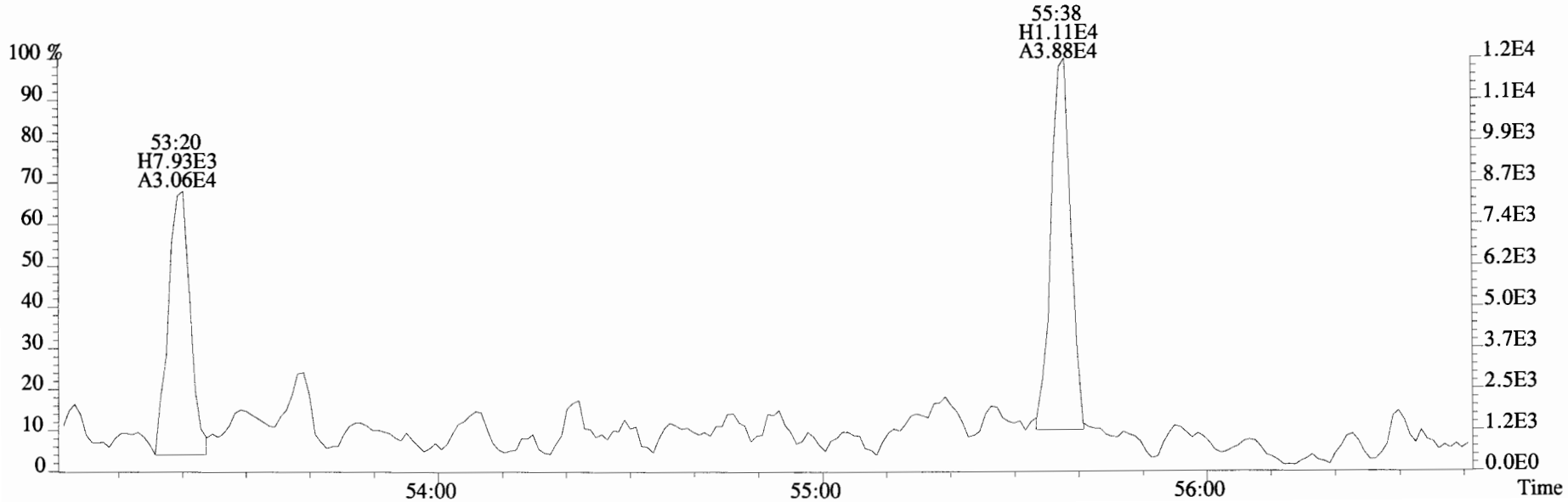
492.9697 S:3 F:5



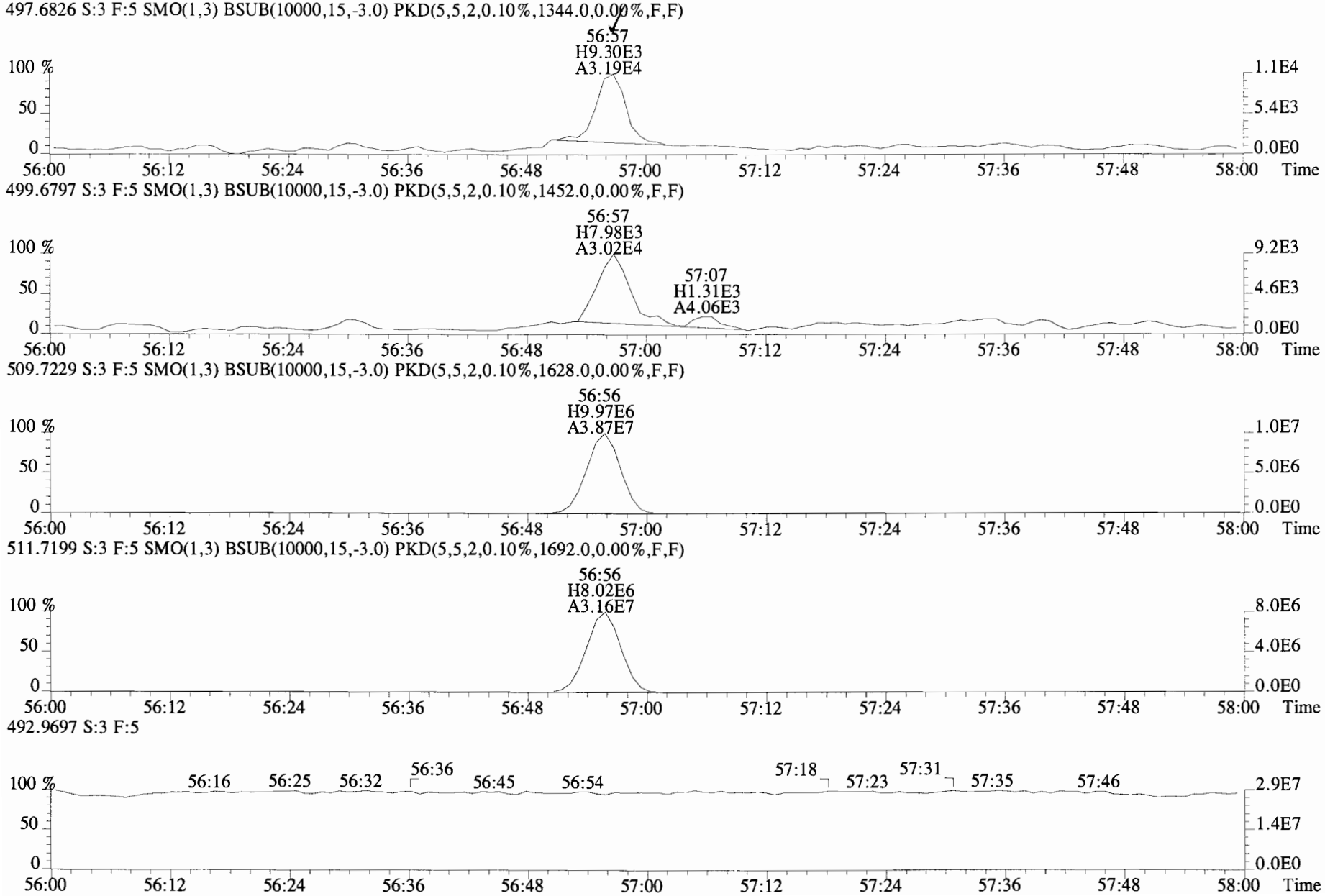
File:180303E1 #1-407 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
463.7216 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1432.0,0.00%,F,F)



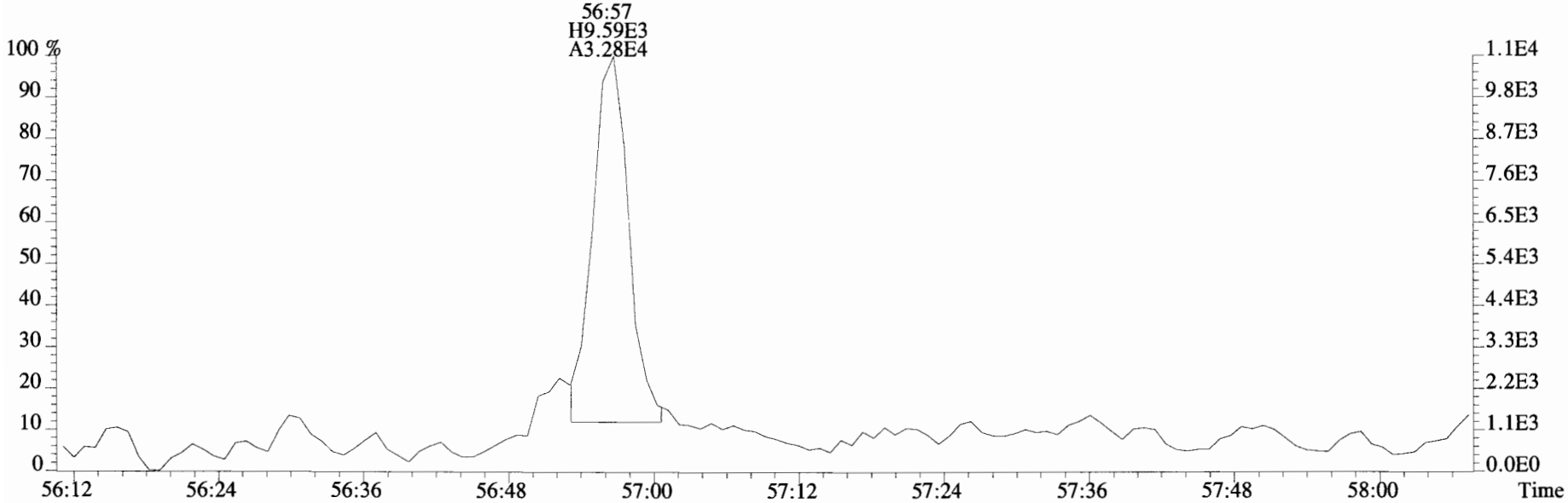
465.7186 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1492.0,0.00%,F,F)



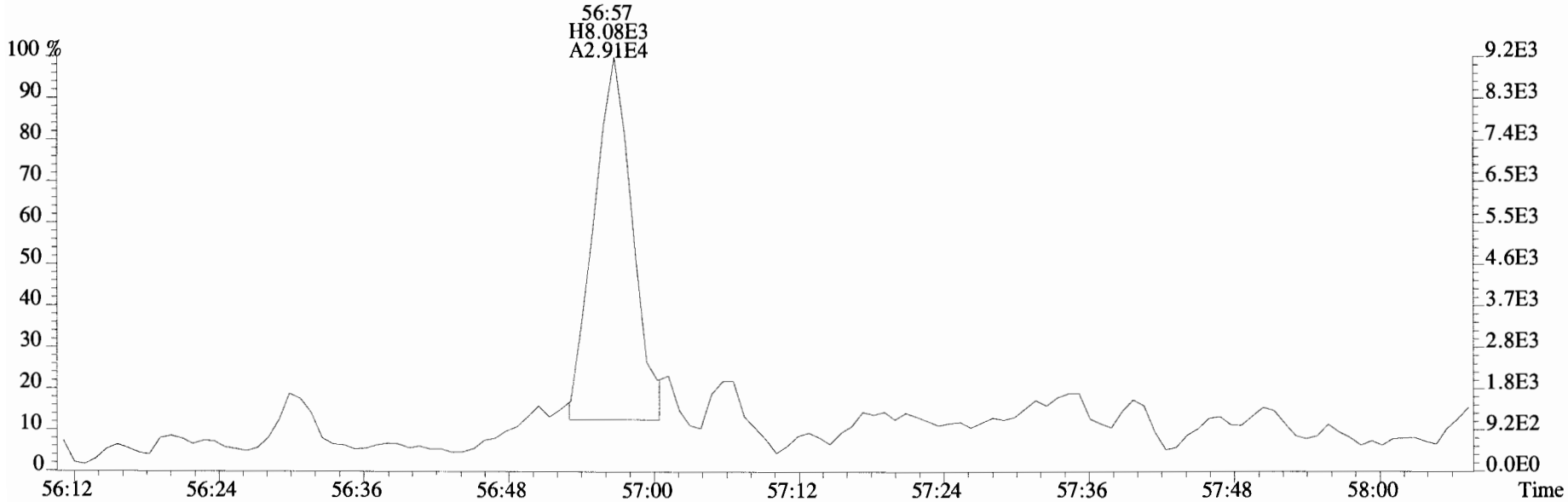
File:180303E1 #1-407 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1



File:180303E1 #1-407 Acq: 3-MAR-2018 15:17:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701338-01 OWS-SCHU-T170926125515 1 Exp:PCB_ZB1
497.6826 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1344.0,0.00%,F,F)



499.6797 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1452.0,0.00%,F,F)



Client ID: OWS-THIS-T170926125358 Filename: 180303E1 S:4 Acq:3-MAR-18 16:22:27 ConCal: ST180303E1-1
Lab ID: 1701338-02 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 0.998 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Mono	PCB-1	1.48e+06	3.25	y 16:00	1.07	30.5		*	2.5	*	1.001	0.996-1.006
Mono	PCB-2	*	*	n NotF¶	1.06	*		2720	2.5	1.18	*	0.983-0.993
Mono	PCB-3	3.79e+05	2.81	y 18:38	1.06	5.06		*	2.5	*	1.001	0.996-1.006
Di	PCB-4/10	1.60e+08	1.60	y 20:00	1.24	3760		*	2.5	*	1.002	0.998-1.008
Di	PCB-7/9	*	*	n NotF¶	0.99	*		16600	1.0	2.61	*	0.863-0.871
Di	PCB-6	*	*	n NotF¶	1.06	*		49500	1.0	7.30	*	0.888-0.897
Di	PCB-5/8	9.65e+05	1.83	n 22:51	1.03	16.0		*	2.5	*	0.909	0.904-0.913
Di	PCB-14	*	*	n NotF¶	1.03	*		3790	2.5	1.31	*	0.948-0.958
Di	PCB-11	*	*	n NotF¶	1.11	*		85300	1.0	10.9	*	0.996-1.006
Di	PCB-12/13	*	*	n NotF¶	1.02	*		41300	1.0	5.79	*	1.011-1.021
Di	PCB-15	5.32e+06	1.56	y 25:52	1.05	74.4		*	2.5	*	1.028	1.023-1.033
Tri	PCB-19	6.79e+07	1.05	y 24:09	1.20	1140		*	2.5	*	1.001	0.996-1.006
Tri	PCB-30	*	*	n NotF¶	1.93	*		7630	1.0	0.605	*	1.034-1.044
Tri	PCB-18	1.23e+07	1.04	y 25:48	0.91	170		*	2.5	*	0.953	0.948-0.958
Tri	PCB-17	6.81e+06	1.04	y 25:58	0.84	103		*	2.5	*	0.959	0.955-0.965
Tri	PCB-24/27	2.73e+07	1.06	y 26:32	1.15	300		*	2.5	*	0.980	0.977-0.986
Tri	PCB-16/32	1.73e+07	1.06	y 27:04	1.02	215		*	2.5	*	1.000	0.995-1.005
Tri	PCB-34	1.66e+05	1.36	n 27:53	0.96	2.79		*	2.5	*	0.961	0.955-0.965
Tri	PCB-23	*	*	n NotF¶	0.95	*		2710	2.5	1.01	*	0.958-0.968
Tri	PCB-29	*	*	n NotF¶	0.96	*		2710	2.5	0.995	*	0.966-0.976
Tri	PCB-26	3.44e+06	1.13	y 28:25	1.00	55.2		*	2.5	*	0.979	0.974-0.984
Tri	PCB-25	6.35e+05	1.04	y 28:35	1.06	9.69		*	2.5	*	0.985	0.980-0.990
Tri	PCB-31	3.83e+06	1.19	y 28:56	1.10	56.3		*	2.5	*	0.997	0.992-1.002
Tri	PCB-28	5.11e+06	0.98	y 29:02	1.14	72.5		*	2.5	*	1.001	0.995-1.005
Tri	PCB-20/21/33	5.67e+05	1.03	y 29:42	1.00	9.19		*	2.5	*	1.024	1.017-1.027
Tri	PCB-22	5.88e+05	1.09	y 30:06	1.09	8.72		*	2.5	*	1.037	1.032-1.042
Tri	PCB-36	*	*	n NotF¶	1.15	*		2710	2.5	0.832	*	0.929-0.939
Tri	PCB-39	1.06e+05	1.15	y 31:11	1.07	1.44		*	2.5	*	0.948	0.943-0.953
Tri	PCB-38	1.79e+05	1.13	y 31:58	1.10	2.35		*	2.5	*	0.972	0.966-0.976
Tri	PCB-35	6.22e+04	1.20	n 32:29	1.12	0.802		*	2.5	*	0.987	0.982-0.992
Tri	PCB-37	2.07e+06	1.05	y 32:55	1.11	26.9		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-54	1.47e+06	0.68	y 27:54	1.07	19.2		*	2.5	*	1.000	0.996-1.006
Tetra	PCB-50	1.64e+05	0.55	n 29:04	0.87	2.64		*	2.5	*	1.042	1.038-1.048
Tetra	PCB-53	8.99e+06	0.78	y 29:44	1.01	146		*	2.5	*	0.946	0.940-0.950
Tetra	PCB-51	2.40e+06	0.75	y 30:04	1.10	35.9		*	2.5	*	0.957	0.952-0.962
Tetra	PCB-45	3.36e+06	0.74	y 30:30	0.87	63.4		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-46	1.12e+06	0.80	y 30:59	0.84	21.9		*	2.5	*	0.986	0.980-0.990

Integrations by:

Analyst: DB

Date: 3/6/18

Reviewed by: CT Date: 3/14/18

Client ID: OWS-THIS-T170926125358 Filename: 180303E1 S:4 Acq:3-MAR-18 16:22:27 ConCal: ST180303E1-1
Lab ID: 1701338-02 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 0.998 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Tetra	PCB-52/69	1.79e+07	0.77	y 31:28	1.21	242		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-73	5.66e+05	0.80	y 31:36	1.45	6.40		*	2.5	*	1.005	1.000-1.010
Tetra	PCB-43/49	1.19e+07	0.77	y 31:46	1.01	193		*	2.5	*	1.011	1.005-1.015
Tetra	PCB-47	9.09e+06	0.73	y 31:57	0.91	147		*	2.5	*	1.000	0.995-1.005
Tetra	PCB-48/75	1.90e+06	0.81	y 32:05	1.13	24.6		*	2.5	*	1.004	0.999-1.009
Tetra	PCB-65	8.13e+04	0.71	y 32:20	1.27	0.938		*	2.5	*	1.012	1.007-1.017
Tetra	PCB-62	*	*	n NotF╗	1.10	*		2030	2.5	0.581	*	1.011-1.021
Tetra	PCB-44	8.95e+06	0.79	y 32:45	0.85	153		*	2.5	*	1.025	1.020-1.030
Tetra	PCB-42/59	5.15e+06	0.79	y 32:59	1.02	74.0		*	2.5	*	1.032	1.027-1.037
Tetra	PCB-41/64/71/72	1.39e+07	0.75	y 33:34	1.17	175		*	2.5	*	1.051	1.046-1.056
Tetra	PCB-68	4.24e+05	0.74	y 33:50	1.28	4.86		*	2.5	*	1.059	1.054-1.064
Tetra	PCB-40	1.57e+06	0.88	y 34:02	0.62	36.8		*	2.5	*	1.065	1.060-1.070
Tetra	PCB-57	1.09e+05	0.76	y 34:24	1.13	1.17		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-67	4.02e+05	0.74	y 34:42	1.10	4.43		*	2.5	*	0.978	0.973-0.983
Tetra	PCB-58	4.76e+04	0.69	y 34:49	1.12	0.515		*	2.5	*	0.982	0.977-0.987
Tetra	PCB-63	8.42e+05	0.79	y 34:59	1.00	10.2		*	2.5	*	0.986	0.981-0.991
Tetra	PCB-74	4.55e+06	0.79	y 35:16	1.18	46.7		*	2.5	*	0.994	0.989-0.999
Tetra	PCB-61/70	5.25e+06	0.77	y 35:29	1.03	62.0		*	2.5	*	1.000	0.994-1.004
Tetra	PCB-76/66	7.03e+06	0.76	y 35:41	1.13	75.3		*	2.5	*	1.006	1.000-1.010
Tetra	PCB-80	*	*	n NotF╗	1.19	*		2030	2.5	0.446	*	0.995-1.005
Tetra	PCB-55	6.61e+04	0.93	n 36:11	1.16	0.682		*	2.5	*	1.008	1.004-1.014
Tetra	PCB-56/60	4.05e+06	0.77	y 36:42	1.04	46.5		*	2.5	*	1.023	1.018-1.028
Tetra	PCB-79	7.26e+04	0.87	y 37:47	1.17	0.743		*	2.5	*	1.053	1.047-1.057
Tetra	PCB-78	*	*	n NotF╗	1.10	*		2030	2.5	0.480	*	0.982-0.992
Tetra	PCB-81	*	*	n NotF╗	0.97	*		2030	2.5	0.547	*	0.995-1.005
Tetra	PCB-77	5.63e+05	0.82	y 39:35	1.08	6.63		*	2.5	*	1.000	0.995-1.005
Penta	PCB-104	*	*	n NotF╗	1.08	*		1510	2.5	0.628	*	0.996-1.006
Penta	PCB-96	2.65e+05	1.45	y 33:52	1.13	3.48		*	2.5	*	1.039	1.034-1.044
Penta	PCB-103	1.69e+05	1.53	y 34:25	0.91	2.77		*	2.5	*	1.056	1.051-1.061
Penta	PCB-100	1.52e+05	1.60	y 34:47	0.93	2.44		*	2.5	*	1.067	1.062-1.072
Penta	PCB-94	2.80e+05	1.51	y 35:15	0.91	5.50		*	2.5	*	0.986	0.981-0.991
Penta	PCB-95/98/102	4.72e+06	1.62	y 35:47	1.17	72.4		*	2.5	*	1.000	0.994-1.004
Penta	PCB-93	*	*	n NotF╗	0.93	*		1510	2.5	0.912	*	0.997-1.007
Penta	PCB-88/91	1.25e+06	1.58	y 36:11	0.97	23.2		*	2.5	*	1.012	1.005-1.015
Penta	PCB-121	*	*	n NotF╗	1.68	*		1510	2.5	0.502	*	1.009-1.019
Penta	PCB-84/92	2.51e+06	1.62	y 37:05	0.97	45.9		*	2.5	*	0.990	0.985-0.995
Penta	PCB-89	1.08e+05	1.20	n 37:15	1.06	1.80		*	2.5	*	0.995	0.990-1.000

Analyst: DB

Date: 3/6/18

Client ID: OWS-THIS-T170926125358 Filename: 180303E1 S:4 Acq:3-MAR-18 16:22:27 ConCal: ST180303E1-1
Lab ID: 1701338-02 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 0.998 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Penta	PCB-90/101	3.71e+06	1.57	y 37:28	1.08	61.2		*	2.5	*	1.000	0.995-1.005
Penta	PCB-113	4.85e+04	1.06	n 37:40	1.48	0.584		*	2.5	*	1.006	1.002-1.012
Penta	PCB-99	2.21e+06	1.64	y 37:47	1.25	31.3		*	2.5	*	1.009	1.004-1.014
Penta	PCB-119	2.14e+05	1.51	y 38:16	1.70	2.52		*	2.5	*	0.988	0.982-0.992
Penta	PCB-108/112	3.64e+05	1.91	n 38:25	1.40	5.17		*	2.5	*	0.991	0.986-0.996
Penta	PCB-83	*	*	n NotF¶	1.75	*		1510	2.5	0.543	*	0.990-1.000
Penta	PCB-97	1.19e+06	1.66	y 38:46	1.17	20.3		*	2.5	*	1.000	0.995-1.005
Penta	PCB-86	*	*	n NotF¶	1.08	*		1510	2.5	0.880	*	0.999-1.009
Penta	PCB-87/117/125	1.98e+06	1.65	y 39:02	1.55	25.4		*	2.5	*	1.007	1.002-1.012
Penta	PCB-111/115	1.14e+05	1.71	y 39:11	1.79	1.27		*	2.5	*	1.011	1.006-1.016
Penta	PCB-85/116	9.08e+05	1.56	y 39:18	1.29	14.0		*	2.5	*	1.014	1.009-1.019
Penta	PCB-120	*	*	n NotF¶	1.98	*		1510	2.5	0.480	*	1.016-1.026
Penta	PCB-110	5.53e+06	1.54	y 39:42	1.69	65.4		*	2.5	*	1.025	1.020-1.030
Penta	PCB-82	4.97e+05	1.44	y 40:19	0.81	9.65		*	2.5	*	0.976	0.972-0.982
Penta	PCB-124	1.66e+05	1.22	n 41:00	1.30	2.01		*	2.5	*	0.992	0.988-0.998
Penta	PCB-107/109	2.43e+05	2.16	n 41:11	1.31	2.90		*	2.5	*	0.997	0.991-1.001
Penta	PCB-123	6.22e+04	1.78	y 41:20	1.12	0.870		*	2.5	*	1.000	0.996-1.006
Penta	PCB-106/118	2.98e+06	1.57	y 41:30	1.18	38.3		*	2.5	*	1.000	0.996-1.006
Penta	PCB-114	5.33e+04	0.99	n 42:09	1.11	1.05		*	2.5	*	1.000	0.995-1.005
Penta	PCB-122	3.77e+04	1.66	y 42:18	1.03	0.804		*	2.5	*	1.004	0.999-1.009
Penta	PCB-105	1.02e+06	1.67	y 43:01	1.12	21.4		*	2.5	*	1.000	0.995-1.005
Penta	PCB-127	*	*	n NotF¶	1.12	*		1230	2.5	0.797	*	0.995-1.005
Penta	PCB-126	*	*	n NotF¶	1.20	*		1230	2.5	0.814	*	0.995-1.005
Hexa	PCB-155	*	*	n NotF¶	0.99	*		1500	2.5	0.529	*	0.995-1.005
Hexa	PCB-150	*	*	n NotF¶	1.02	*		1500	2.5	0.510	*	1.030-1.040
Hexa	PCB-152	*	*	n NotF¶	1.16	*		1500	2.5	0.452	*	1.042-1.052
Hexa	PCB-145	*	*	n NotF¶	1.13	*		1500	2.5	0.463	*	1.054-1.064
Hexa	PCB-136	4.70e+05	1.31	y 39:31	1.02	5.90		*	2.5	*	1.068	1.063-1.073
Hexa	PCB-148	*	*	n NotF¶	0.77	*		1500	2.5	0.676	*	1.066-1.076
Hexa	PCB-154	7.45e+04	1.36	y 40:07	0.88	1.09		*	2.5	*	1.085	1.079-1.089
Hexa	PCB-151	5.49e+05	1.24	y 40:44	0.75	9.38		*	2.5	*	1.101	1.095-1.107
Hexa	PCB-135	3.72e+05	1.11	y 40:58	0.86	5.56		*	2.5	*	1.108	1.101-1.113
Hexa	PCB-144	7.38e+04	1.13	y 41:05	0.77	1.24		*	2.5	*	1.111	1.105-1.116
Hexa	PCB-147	7.69e+04	1.39	y 41:12	0.80	1.23		*	2.5	*	1.114	1.108-1.120
Hexa	PCB-139/149	1.43e+06	1.33	y 41:27	0.88	20.9		*	2.5	*	1.121	1.115-1.127
Hexa	PCB-140	1.75e+04	0.80	n 41:39	0.77	0.293		*	2.5	*	1.126	1.120-1.132
Hexa	PCB-134/143	1.36e+05	1.30	y 42:06	0.76	3.38		*	2.5	*	0.975	0.970-0.980

Analyst: DB

Date: 3/6/18

Client ID: OWS-THIS-T170926125358 Filename: 180303E1 S:4 Acq:3-MAR-18 16:22:27 ConCal: ST180303E1-1
Lab ID: 1701338-02 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 0.998 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hexa	PCB-131/133	8.01e+04	1.58	n 42:23	0.82	1.85		*	2.5	*	0.982	0.977-0.987
Hexa	PCB-142	*	*	n NotF╗	0.73	*		1350	2.5	0.980	*	0.981-0.991
Hexa	PCB-146/165	3.07e+05	1.35	y 42:47	1.02	5.69		*	2.5	*	0.991	0.986-0.996
Hexa	PCB-132/161	5.25e+05	1.32	y 43:02	1.00	9.89		*	2.5	*	0.997	0.992-1.002
Hexa	PCB-153	1.26e+06	1.17	y 43:11	1.08	22.0		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-168	*	*	n NotF╗	1.12	*		1350	2.5	0.643	*	1.000-1.010
Hexa	PCB-141	2.20e+05	1.09	y 43:55	1.02	4.89		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-137	8.30e+04	1.13	y 44:18	1.10	1.70		*	2.5	*	1.009	1.004-1.014
Hexa	PCB-130	1.12e+05	1.14	y 44:24	0.81	3.14		*	2.5	*	1.011	1.007-1.017
Hexa	PCB-138/163/164	1.82e+06	1.22	y 44:46	1.23	31.8		*	2.5	*	1.001	0.996-1.006
Hexa	PCB-158/160	1.91e+05	1.20	y 44:59	1.18	3.48		*	2.5	*	1.006	1.001-1.011
Hexa	PCB-129	8.40e+04	1.21	y 45:15	0.78	2.31		*	2.5	*	1.012	1.007-1.017
Hexa	PCB-166	*	*	n NotF╗	1.13	*		1350	2.5	0.562	*	0.988-0.998
Hexa	PCB-159	*	*	n NotF╗	1.16	*		1350	2.5	0.548	*	0.995-1.005
Hexa	PCB-128/162	2.60e+05	1.09	y 46:19	0.89	4.77		*	2.5	*	1.007	1.002-1.012
Hexa	PCB-167	7.54e+04	1.20	y 46:44	1.02	1.20		*	2.5	*	1.001	0.995-1.005
Hexa	PCB-156	1.99e+05	1.18	y 48:00	1.06	3.12		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-157	4.94e+04	0.92	n 48:17	1.02	0.796		*	2.5	*	1.001	0.996-1.006
Hexa	PCB-169	*	*	n NotF╗	1.13	*		1350	2.5	0.592	*	0.995-1.005
Hepta	PCB-188	*	*	n NotF╗	1.37	*		1360	2.5	0.407	*	0.995-1.005
Hepta	PCB-184	*	*	n NotF╗	1.32	*		1360	2.5	0.424	*	1.006-1.016
Hepta	PCB-179	1.80e+05	1.13	y 44:02	1.38	2.94		*	2.5	*	1.029	1.024-1.034
Hepta	PCB-176	*	*	n NotF╗	1.31	*		1360	2.5	0.427	*	1.035-1.045
Hepta	PCB-186	*	*	n NotF╗	1.42	*		1360	2.5	0.394	*	1.049-1.059
Hepta	PCB-178	1.12e+05	1.26	n 45:36	0.97	2.61		*	2.5	*	1.065	1.060-1.070
Hepta	PCB-175	*	*	n NotF╗	1.00	*		1360	2.5	0.560	*	1.069-1.079
Hepta	PCB-182/187	3.80e+05	1.05	y 46:06	1.14	7.54		*	2.5	*	1.077	1.072-1.082
Hepta	PCB-183	1.00e+05	1.09	y 46:25	1.13	2.01		*	2.5	*	1.085	1.080-1.090
Hepta	PCB-185	*	*	n NotF╗	1.36	*		1360	2.5	0.523	*	0.950-0.960
Hepta	PCB-174	1.68e+05	0.84	n 47:27	1.42	3.41		*	2.5	*	0.963	0.958-0.968
Hepta	PCB-181	*	*	n NotF╗	1.48	*		1360	2.5	0.480	*	0.960-0.970
Hepta	PCB-177	1.11e+05	1.71	n 47:44	1.33	2.40		*	2.5	*	0.969	0.963-0.973
Hepta	PCB-171	5.77e+04	1.28	n 48:01	1.37	1.21		*	2.5	*	0.974	0.969-0.979
Hepta	PCB-173	*	*	n NotF╗	1.27	*		1360	2.5	0.559	*	0.978-0.988
Hepta	PCB-172	*	*	n NotF╗	1.39	*		1360	2.5	0.511	*	0.987-0.997
Hepta	PCB-192	*	*	n NotF╗	1.80	*		1360	2.5	0.394	*	0.991-1.001
Hepta	PCB-180	3.43e+05	1.17	y 49:18	1.52	6.49		*	2.5	*	1.000	0.995-1.005

Analyst: DB

Date: 3/6/18

Client ID: OWS-THIS-T170926125358 Filename: 180303E1 S:4 Acq:3-MAR-18 16:22:27 ConCal: ST180303E1-1
Lab ID: 1701338-02 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 0.998 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hepta	PCB-193	4.34e+04	1.34	n 49:31	1.71	0.728		*	2.5	*	1.005	0.999-1.009
Hepta	PCB-191	*	*	n NotF¶	1.74	*		1360	2.5	0.408	*	1.005-1.015
Hepta	PCB-170	1.62e+05	1.18	y 50:53	1.44	3.62		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-190	4.38e+04	0.96	y 51:04	1.95	0.717		*	2.5	*	1.004	0.999-1.009
Hepta	PCB-189	*	*	n NotF¶	1.46	*		1360	2.5	0.352	*	0.995-1.005
Octa	PCB-202	7.30e+04	0.79	y 48:13	1.06	1.24		*	2.5	*	1.000	0.995-1.005
Octa	PCB-201	*	*	n NotF¶	0.98	*		1630	2.5	0.736	*	1.006-1.016
Octa	PCB-204	*	*	n NotF¶	1.07	*		1630	2.5	0.672	*	1.009-1.019
Octa	PCB-197	*	*	n NotF¶	1.10	*		1630	2.5	0.656	*	1.015-1.025
Octa	PCB-200	*	*	n NotF¶	1.04	*		1630	2.5	0.691	*	1.034-1.044
Octa	PCB-198	*	*	n NotF¶	0.84	*		1630	2.5	0.858	*	1.065-1.075
Octa	PCB-199	1.23e+05	0.86	y 51:39	0.80	2.77		*	2.5	*	1.072	1.067-1.077
Octa	PCB-196/203	1.04e+05	0.88	y 51:56	0.84	2.24		*	2.5	*	1.077	1.072-1.082
Octa	PCB-195	2.77e+04	0.94	y 53:10	1.04	0.882		*	2.5	*	0.984	0.979-0.989
Octa	PCB-194	7.97e+04	0.85	y 54:04	1.16	2.27		*	2.5	*	1.000	0.995-1.005
Octa	PCB-205	*	*	n NotF¶	1.33	*		926	2.5	0.377	*	1.000-1.010
Nona	PCB-208	3.35e+04	1.16	y 53:19	0.90	0.820		*	2.5	*	1.000	0.995-1.005
Nona	PCB-207	*	*	n NotF¶	0.89	*		1060	2.5	0.421	*	1.001-1.011
Nona	PCB-206	5.02e+04	1.50	y 55:37	0.88	1.58		*	2.5	*	1.000	0.995-1.005
Deca	PCB-209	3.01e+04	1.02	y 56:56	1.04	0.763		*	2.5	*	1.000	0.995-1.005

Analyst: DB

Date: 3/6/18

Client ID: OWS-THIS-T170926125358 Filename: 180303E1 S:4 Acq:3-MAR-18 16:22:27 ConCal: ST180303E1-1
Lab ID: 1701338-02 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 0.9981 EndCAL: NA

Name	Resp	RA	RT	RRF	Conc	
Total Mono-PCB	1.86e+06	3.25 y	16:00	1.06	35.5232	
Total Di-PCB	1.65e+08	1.60 y	20:00	1.04	3831.09	
Total Tri-PCB	1.32e+08	1.05 y	24:09	1.15	1926.54	
Total Tri-PCB	1.65e+07	1.13 y	28:25	1.05	242.351	Sum:2168.89
Total Tetra-PCB	1.12e+08	0.68 y	27:54	1.06	1600.08	
Total Penta-PCB	2.87e+07	1.45 y	33:52	1.18	425.982	
Total Penta-PCB	1.06e+06	1.66 y	42:18	1.12	22.2317	Sum:448.214
Total Hexa-PCB	3.05e+06	1.31 y	39:31	0.91	45.3085	
Total Hexa-PCB	5.27e+06	1.30 y	42:06	1.00	97.4260	Sum:142.735
Total Hepta-PCB	1.21e+06	1.13 y	44:02	1.35	23.3084	
Total Octa-PCB	3.00e+05	0.79 y	48:13	0.95	6.24741	
Total Octa-PCB	1.07e+05	0.94 y	53:10	1.17	3.15119	Sum:9.39860
Total Nona-PCB	8.37e+04	1.16 y	53:19	0.89	2.39978	
Total Deca-PCB	3.01e+04	1.02 y	56:56	1.04	0.762844	

Total PCB Conc:8312.10777100

Integrations by Analyst: DB

Date: 3/6/18

Client ID: OWS-THIS-T170926125358 Filename: 180303E1 S:4 Acq:3-MAR-18 16:22:27 ConCal: ST180303E1-1
Lab ID: 1701338-02 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol:0.9981 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-1	9.06e+07	3.08 y	1.13	15:59	0.618	0.616	0.622	991	49.5
13C-PCB-3	1.42e+08	3.12 y	1.21	18:37	0.720	0.716	0.724	1450	72.2
13C-PCB-4	6.90e+07	1.56 y	0.59	19:58	0.772	0.769	0.777	1440	71.7
13C-PCB-9	1.18e+08	1.53 y	0.94	21:46	0.841	0.837	0.845	1550	77.1
13C-PCB-11	1.36e+08	1.54 y	0.95	25:09	0.972	0.968	0.978	1770	88.5
13C-PCB-19	9.99e+07	1.04 y	0.62	24:08	0.933	0.928	0.938	1980	98.9
13C-PCB-28	1.24e+08	1.03 y	1.05	29:01	1.003	0.999	1.009	1650	82.1
13C-PCB-32	1.58e+08	1.04 y	0.91	27:04	1.046	1.041	1.051	2150	107
13C-PCB-37	1.38e+08	1.05 y	1.02	32:54	1.138	1.132	1.144	1890	94.1
13C-PCB-47	1.37e+08	0.81 y	0.83	31:57	0.871	0.867	0.875	1880	94.0
13C-PCB-52	1.22e+08	0.79 y	0.76	31:26	0.856	0.853	0.861	1830	91.4
13C-PCB-54	1.42e+08	0.79 y	0.93	27:54	0.760	0.756	0.764	1760	87.8
13C-PCB-70	1.65e+08	0.80 y	1.00	35:28	0.966	0.961	0.971	1900	94.7
13C-PCB-77	1.57e+08	0.78 y	0.96	39:35	1.079	1.073	1.083	1880	93.9
13C-PCB-80	1.68e+08	0.81 y	1.00	35:53	0.978	0.973	0.983	1930	96.5
13C-PCB-81	1.68e+08	0.79 y	1.01	38:59	1.062	1.057	1.067	1920	95.7
13C-PCB-95	1.11e+08	1.60 y	0.80	35:46	0.913	0.908	0.918	1920	95.7
13C-PCB-97	1.00e+08	1.57 y	0.70	38:45	0.989	0.984	0.994	1980	98.7
13C-PCB-101	1.13e+08	1.58 y	0.80	37:27	0.956	0.951	0.961	1940	96.8
13C-PCB-104	1.35e+08	1.57 y	1.01	32:36	0.832	0.828	0.836	1850	92.3
13C-PCB-105	8.53e+07	1.59 y	1.14	43:00	0.929	0.924	0.934	1610	80.6
13C-PCB-114	9.14e+07	1.55 y	1.18	42:09	0.911	0.905	0.915	1670	83.3
13C-PCB-118	1.32e+08	1.56 y	1.00	41:29	1.059	1.054	1.064	1830	91.4
13C-PCB-123	1.28e+08	1.58 y	0.95	41:19	1.054	1.049	1.059	1870	93.3
13C-PCB-126	8.59e+07	1.59 y	1.14	45:14	0.977	0.972	0.982	1630	81.4
13C-PCB-127	9.01e+07	1.57 y	1.24	43:20	0.936	0.931	0.941	1570	78.2
13C-PCB-138	9.30e+07	1.26 y	1.17	44:44	0.967	0.962	0.972	1710	85.4
13C-PCB-141	8.86e+07	1.25 y	1.11	43:54	0.949	0.944	0.954	1730	86.2
13C-PCB-153	1.06e+08	1.27 y	1.34	43:10	0.933	0.928	0.938	1710	85.5
13C-PCB-155	1.56e+08	1.26 y	0.83	36:59	0.944	0.939	0.949	2610	130
13C-PCB-156	1.20e+08	1.26 y	1.38	47:59	1.037	1.032	1.042	1870	93.4
13C-PCB-157	1.21e+08	1.26 y	1.37	48:15	1.042	1.037	1.047	1910	95.4
13C-PCB-159	1.22e+08	1.25 y	1.39	46:01	0.994	0.989	0.999	1900	95.0
13C-PCB-167	1.23e+08	1.26 y	1.40	46:42	1.009	1.004	1.014	1900	94.7
13C-PCB-169	1.17e+08	1.25 y	1.39	50:28	1.090	1.085	1.095	1810	90.4
13C-PCB-170	6.27e+07	0.46 y	0.86	50:53	1.103	1.097	1.109	2000	100.0
13C-PCB-180	6.99e+07	0.45 y	0.98	49:17	1.069	1.064	1.074	1960	98.0
13C-PCB-188	8.84e+07	0.45 y	1.40	42:48	0.928	0.923	0.933	1740	86.6
13C-PCB-189	8.44e+07	0.45 y	1.15	52:29	1.138	1.132	1.144	2020	101
13C-PCB-194	6.08e+07	0.90 y	0.77	54:03	0.995	0.990	1.000	1900	94.9
13C-PCB-202	1.11e+08	0.91 y	1.28	48:12	1.045	1.040	1.050	2380	119
13C-PCB-206	7.23e+07	0.78 y	0.81	55:37	1.024	1.019	1.029	2150	107
13C-PCB-208	9.15e+07	0.77 y	1.09	53:19	0.982	0.977	0.987	2020	101
13C-PCB-209	7.59e+07	1.21 y	0.74	56:56	1.048	1.043	1.053	2480	124

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.81e+08	0.79 y	1.03	37:46	1.029	1.024	1.034	2020	101
13C-PCB-178	6.60e+07	0.45 y	0.93	45:35	0.985	0.980	0.990	1950	97.5

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.81e+08	0.79 y	1.03	37:46	0.969	0.963	0.973	2110	105
13C-PCB-178	6.60e+07	0.45 y	0.95	45:35	0.925	0.920	0.930	1990	99.4

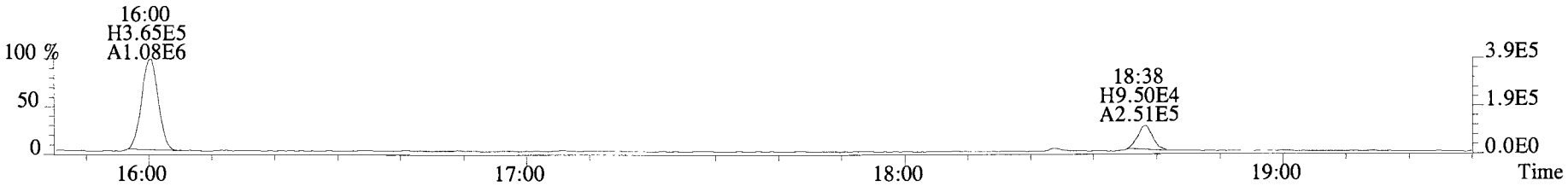
RS

Name	Resp	RA	RRF	RT	Conc
13C-PCB-15	1.62e+08	1.55 y	1.00	25:52	2000
13C-PCB-31	1.44e+08	1.01 y	1.00	28:55	2000
13C-PCB-60	1.74e+08	0.79 y	1.00	36:42	2000
13C-PCB-111	1.45e+08	1.58 y	1.00	39:11	2000
13C-PCB-128	9.28e+07	1.25 y	1.00	46:17	2000
13C-PCB-182	7.30e+07	0.45 y	1.00	46:07	2000
13C-PCB-205	8.33e+07	0.89 y	1.00	54:19	2000

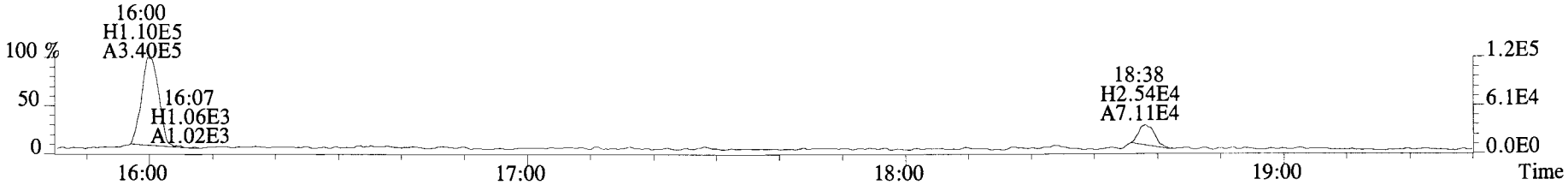
Analyst: DB

Date: 3/6/18

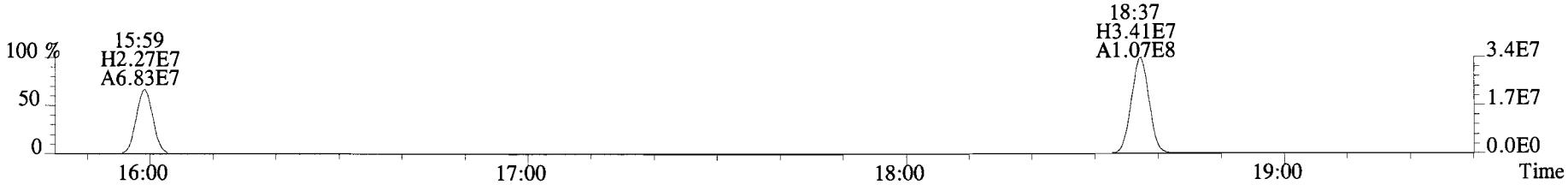
File:180303E1 #1-867 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
188.0393 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16316.0,0.00%,F,F)



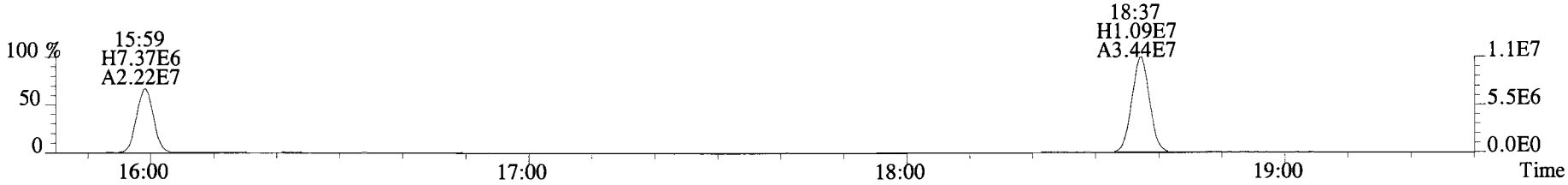
190.0363 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9144.0,0.00%,F,F)



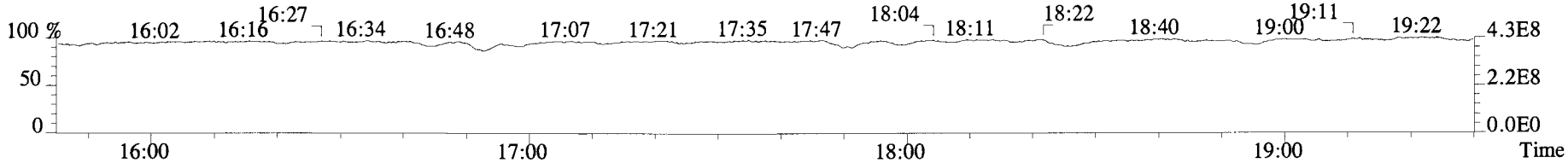
200.0795 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9312.0,0.00%,F,F)



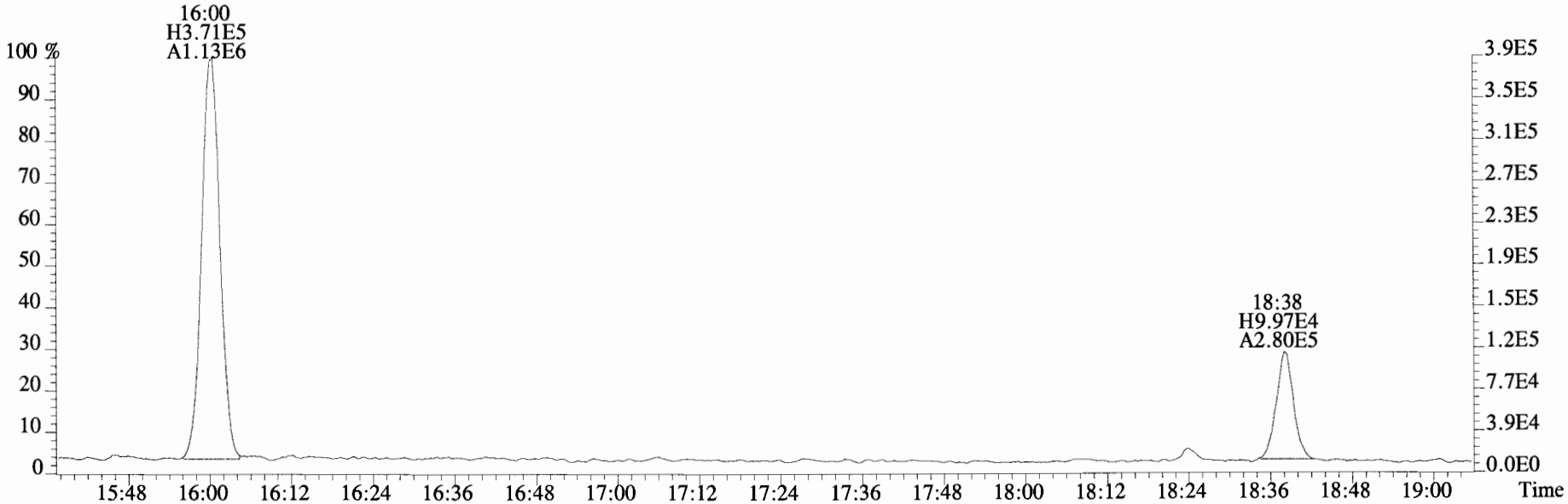
202.0766 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29556.0,0.00%,F,F)



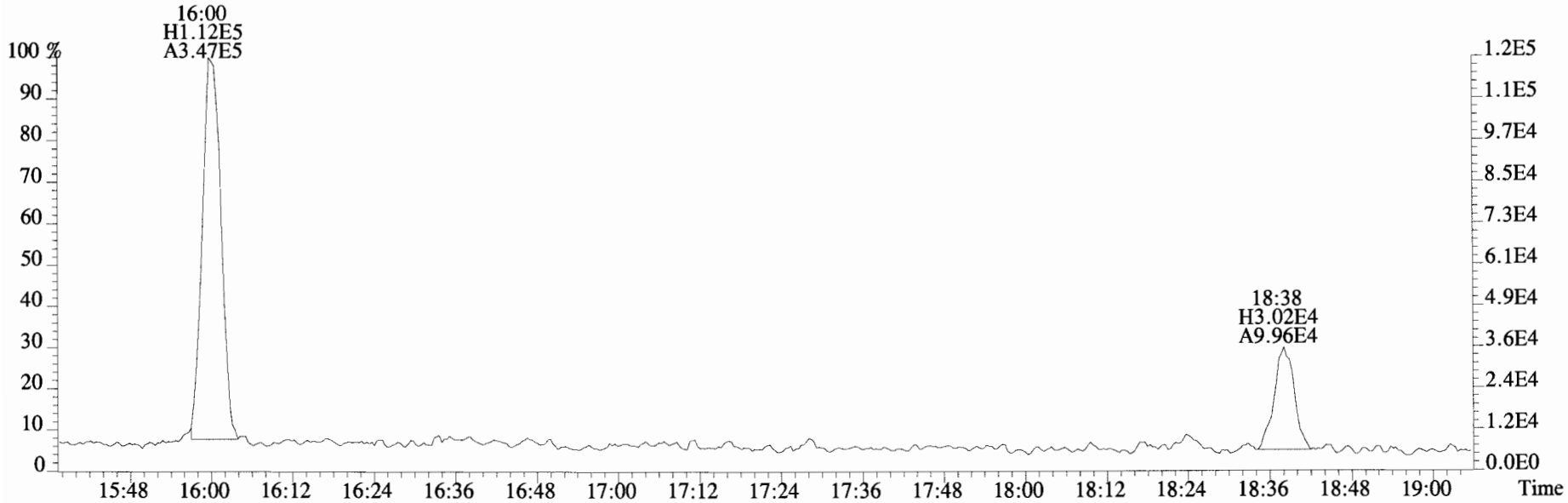
180.9880 S:4



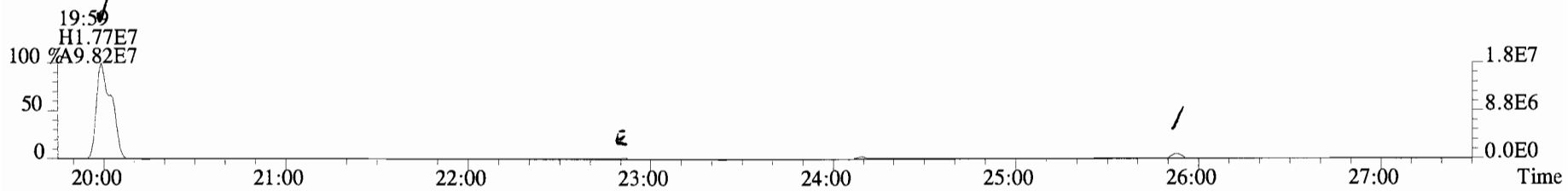
File:180303E1 #1-867 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
188.0393 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16316.0,0.00%,F,F)



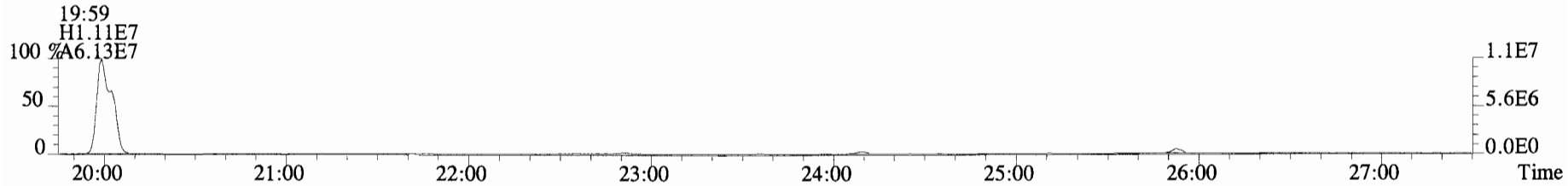
190.0363 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9144.0,0.00%,F,F)



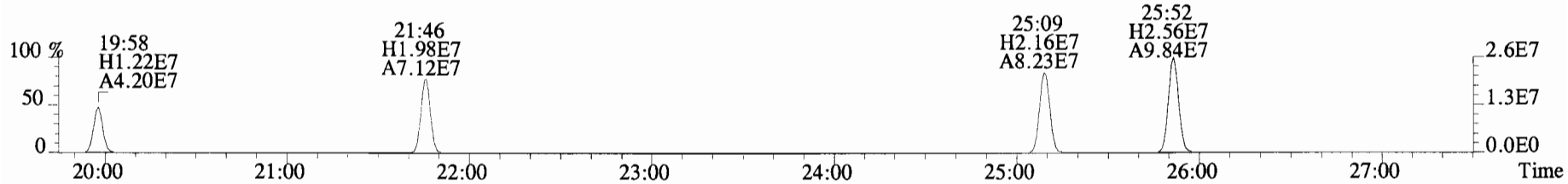
File:180303E1 #1-757 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
222.0003 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5768.0,0.00%,F,F)



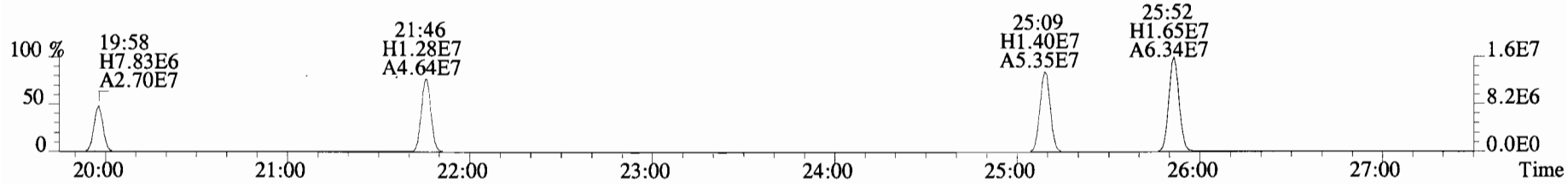
223.9974 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,84636.0,0.00%,F,F)



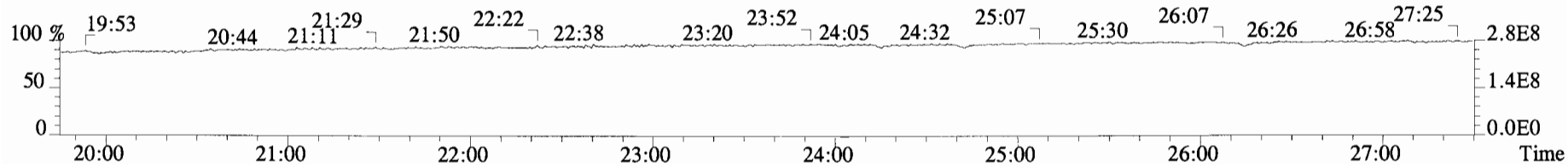
234.0406 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9208.0,0.00%,F,F)



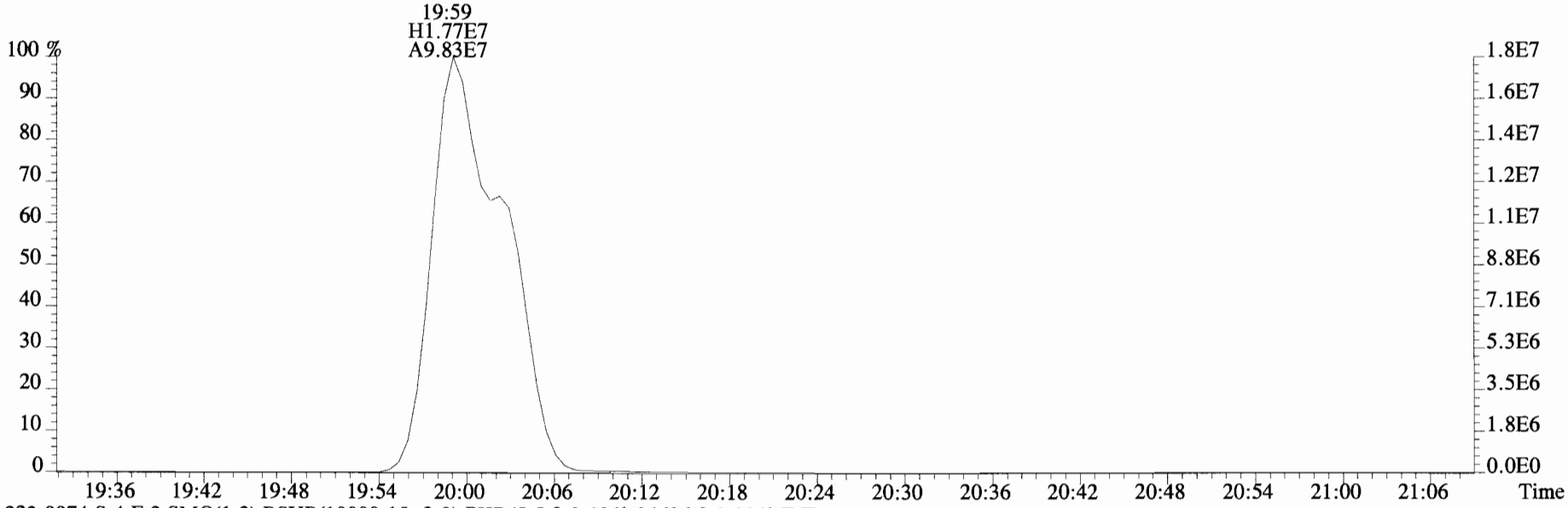
236.0376 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5884.0,0.00%,F,F)



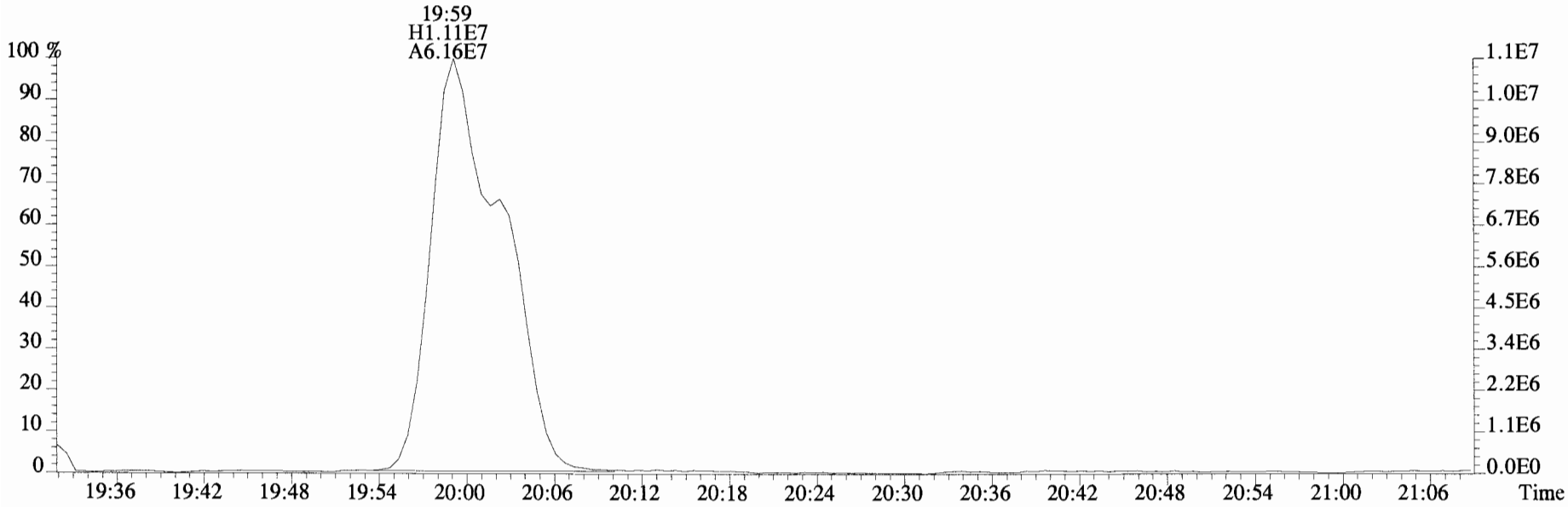
230.9856 S:4 F:2



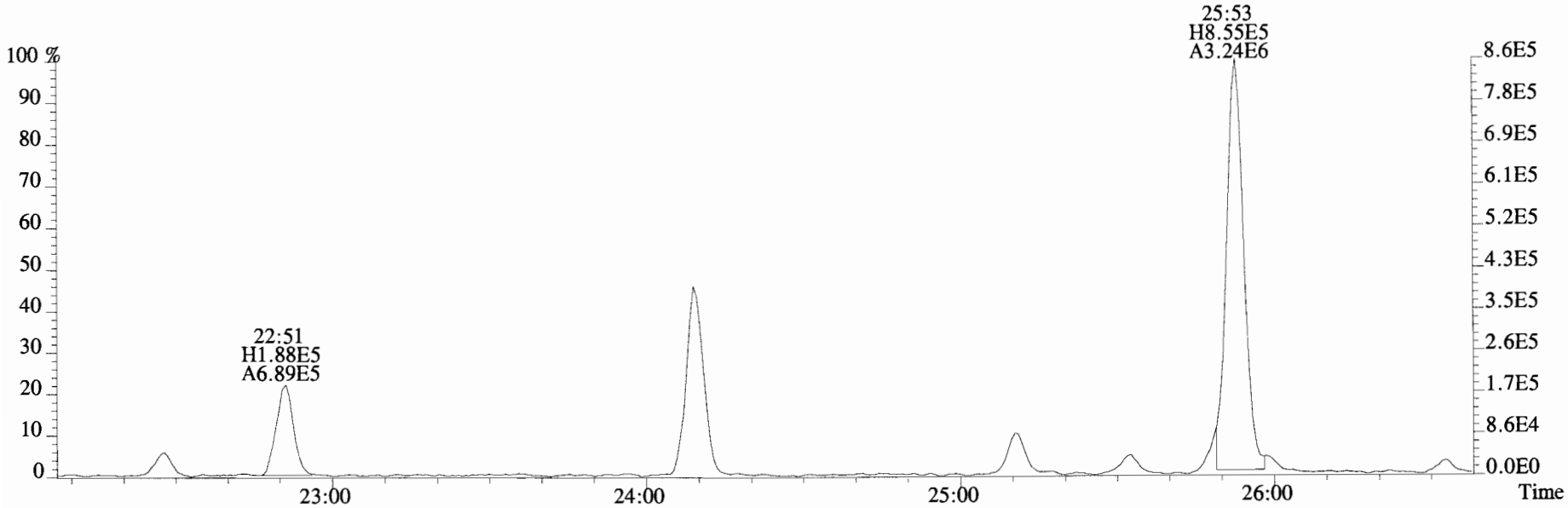
File:180303E1 #1-757 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
222.0003 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5768.0,0.00%,F,F)



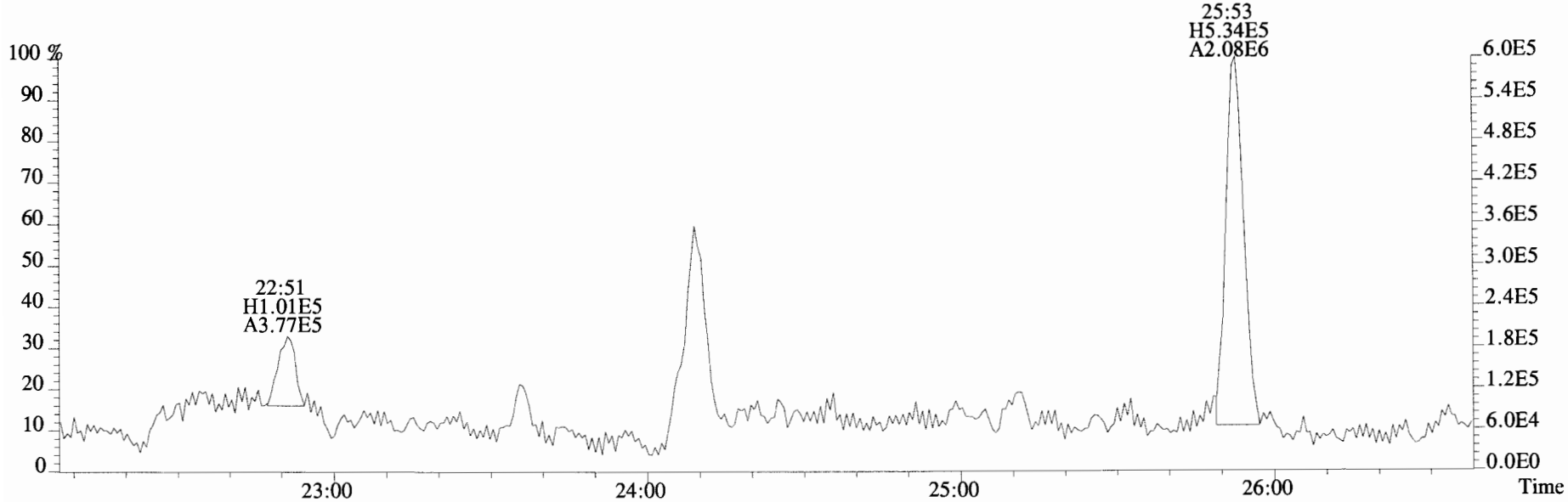
223.9974 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,84636.0,0.00%,F,F)



File:180303E1 #1-757 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
222.0003 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5768.0,0.00%,F,F)

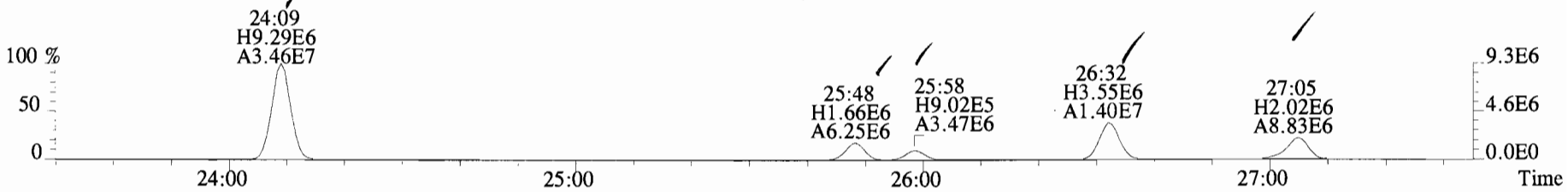


223.9974 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,84636.0,0.00%,F,F)

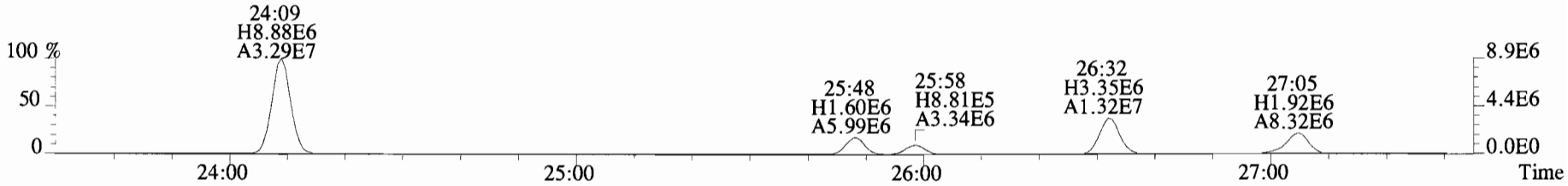


File:180303E1 #1-757 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1

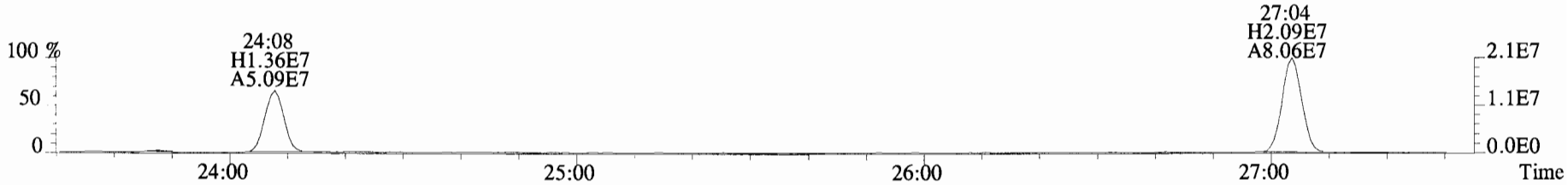
255.9613 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6340.0,0.00%,F,F)



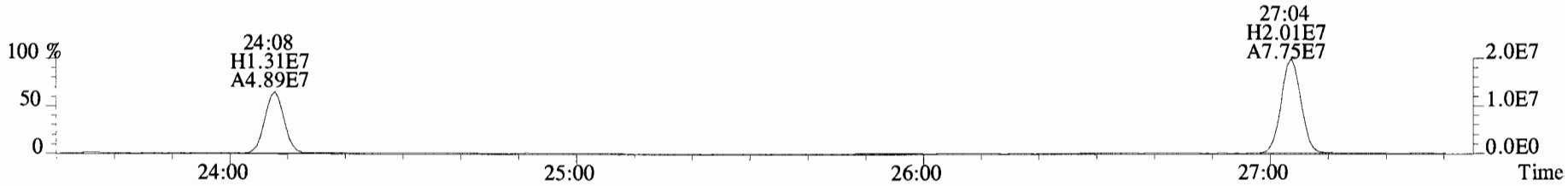
257.9584 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3028.0,0.00%,F,F)



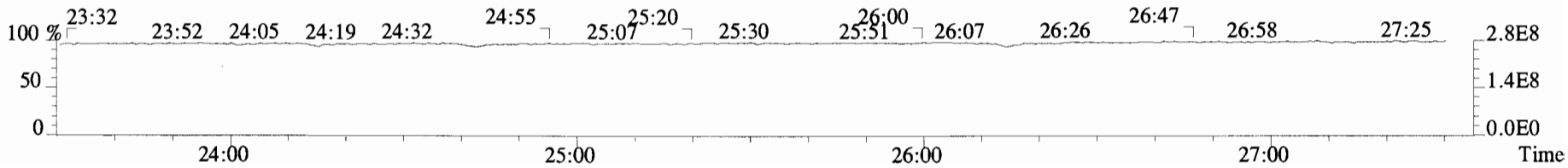
268.0016 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,218364.0,0.00%,F,F)



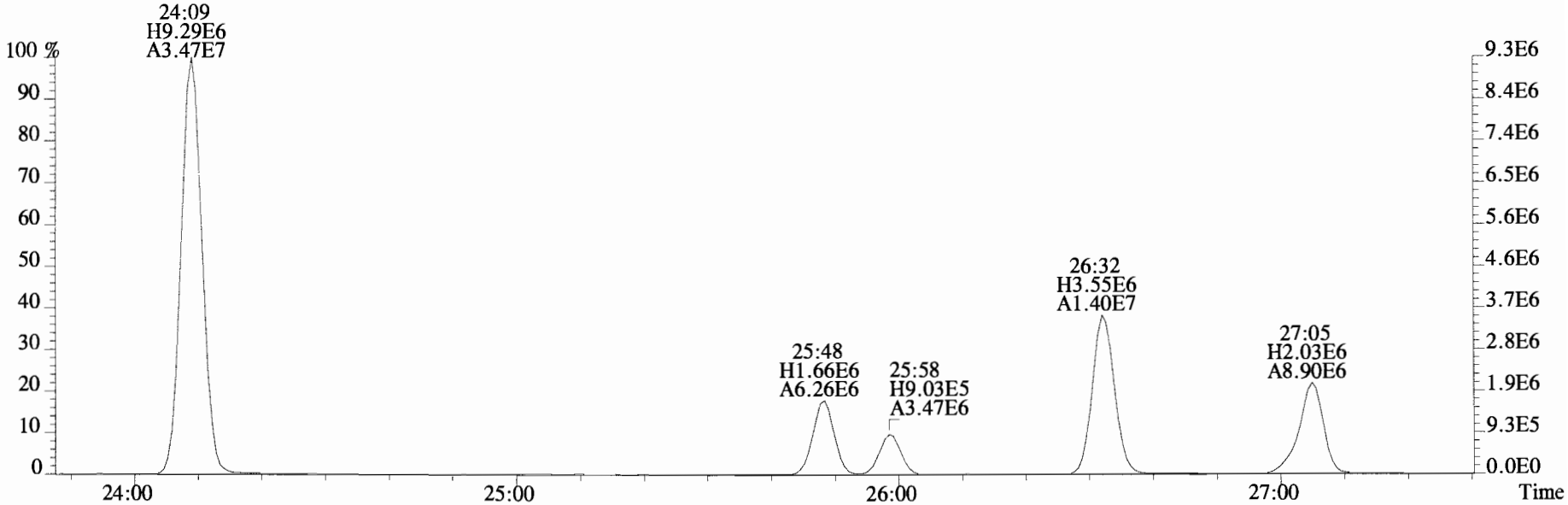
269.9986 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,135996.0,0.00%,F,F)



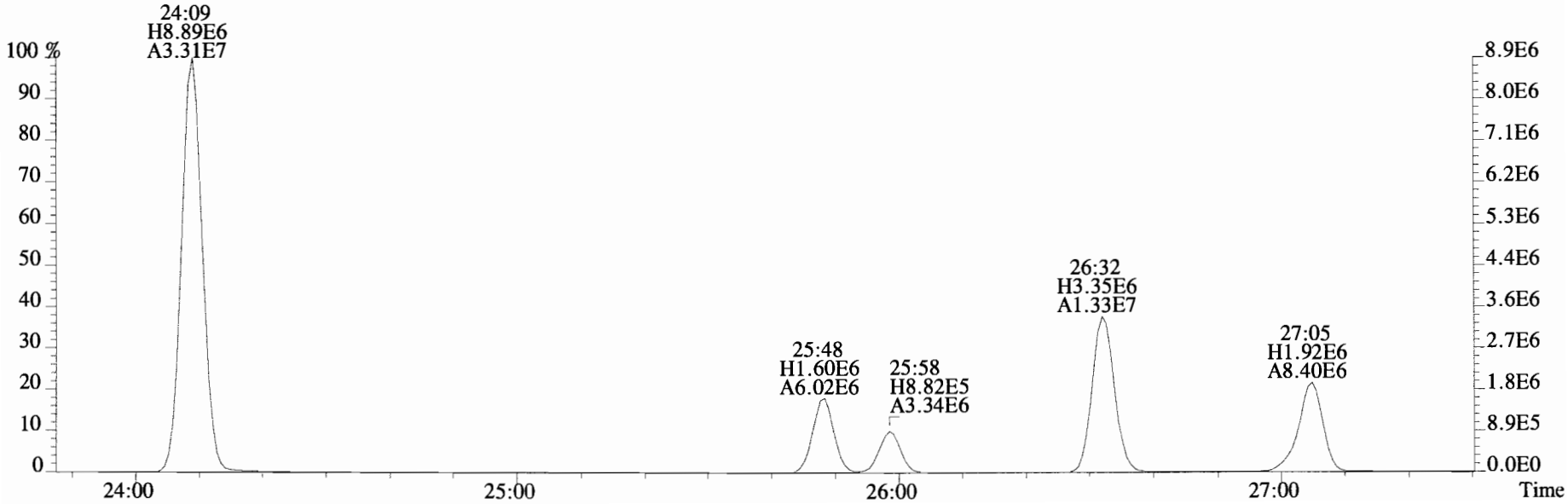
230.9856 S:4 F:2



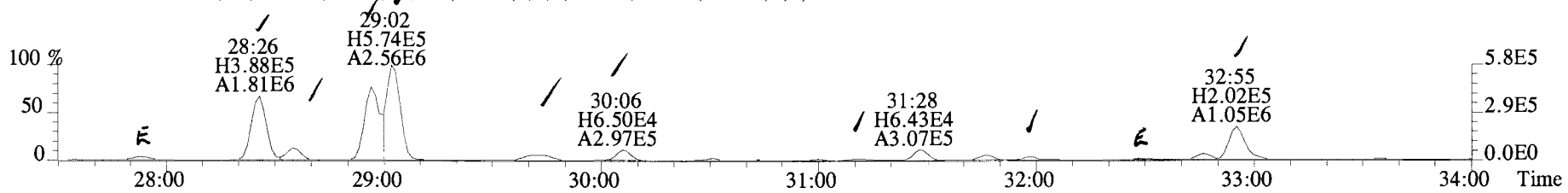
File:180303E1 #1-757 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
255.9613 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6340.0,0.00%,F,F)



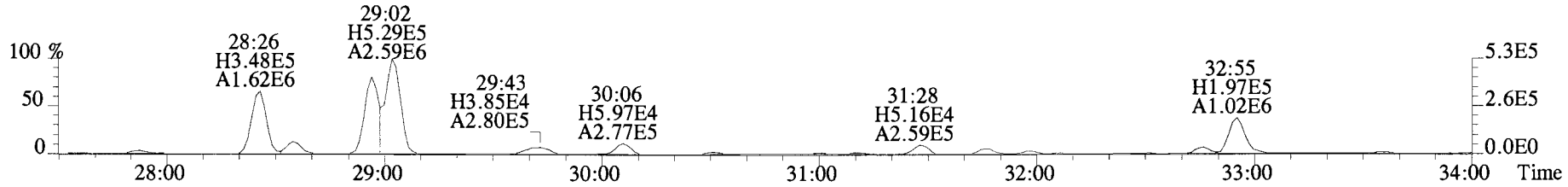
257.9584 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3028.0,0.00%,F,F)



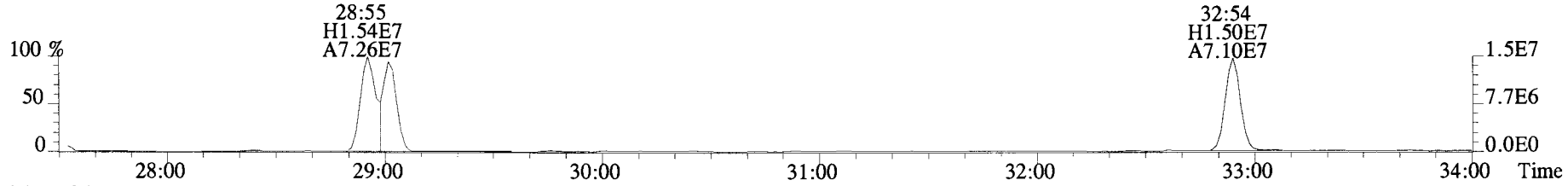
File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4276.0,0.00%,F,F)



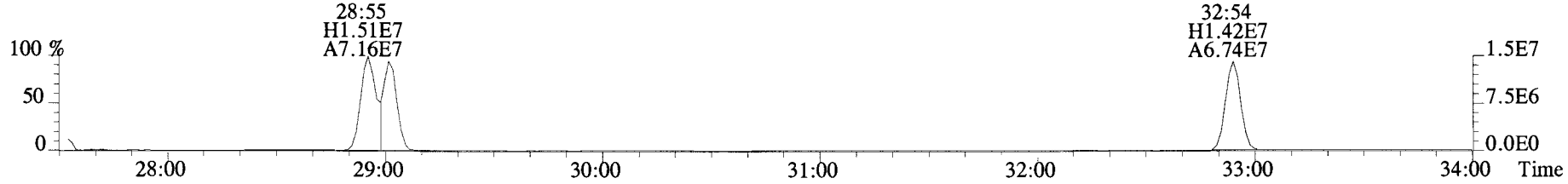
257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2876.0,0.00%,F,F)



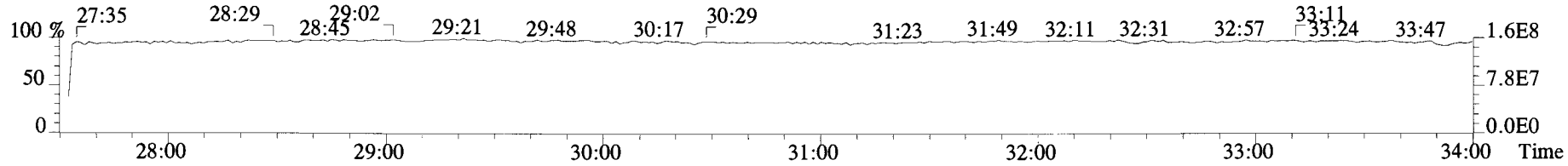
268.0016 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,203812.0,0.00%,F,F)



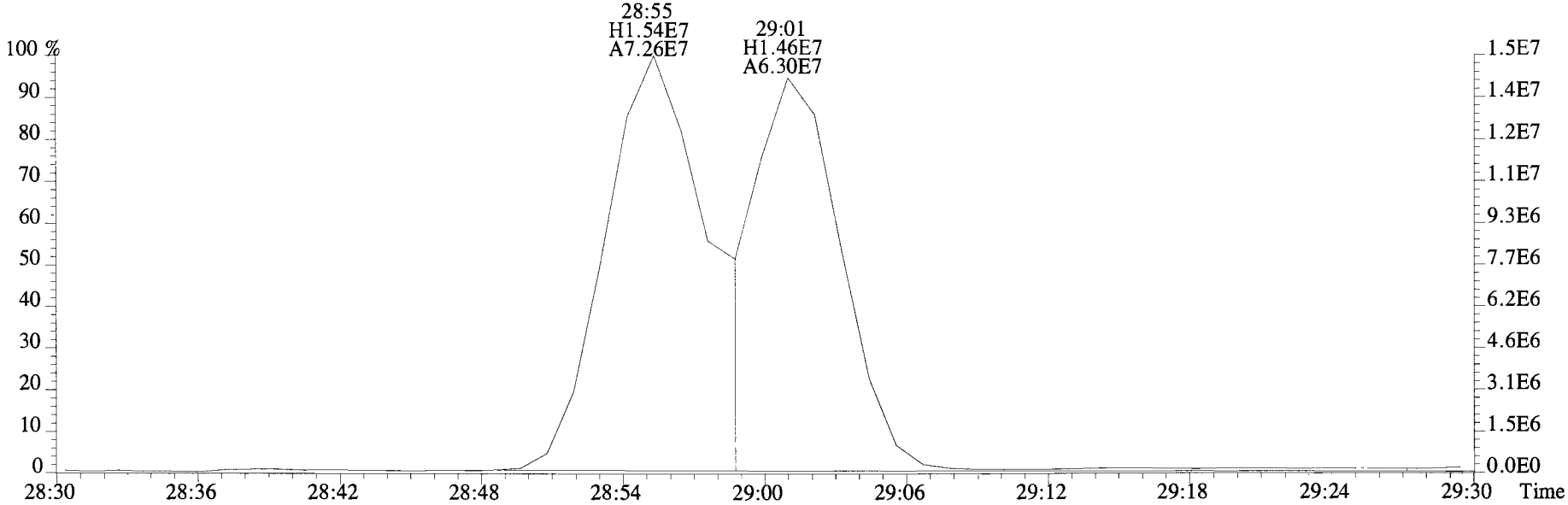
269.9986 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,87316.0,0.00%,F,F)



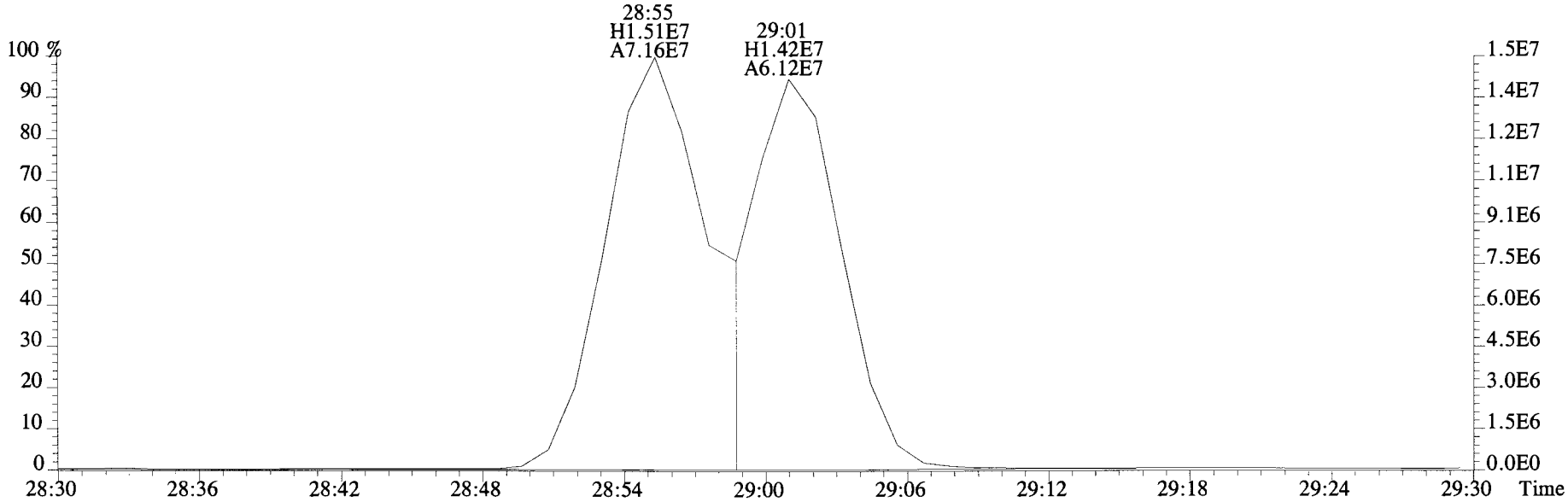
330.9792 S:4 F:3



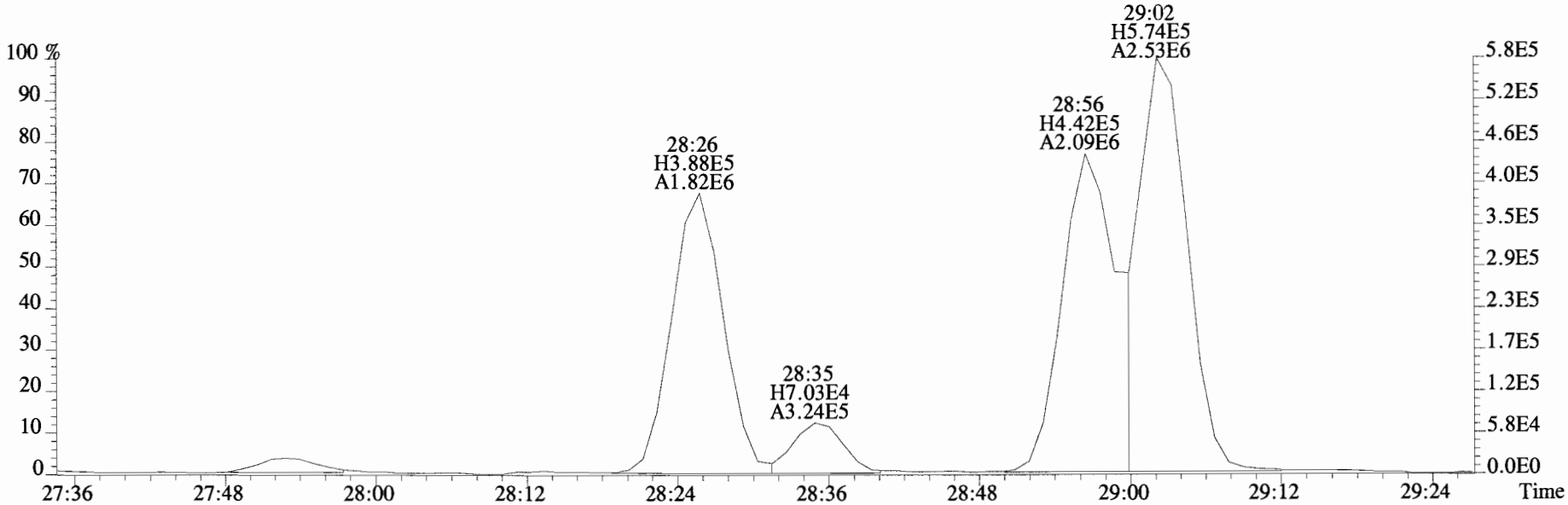
File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
268.0016 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,203812.0,0.00%,F,F)



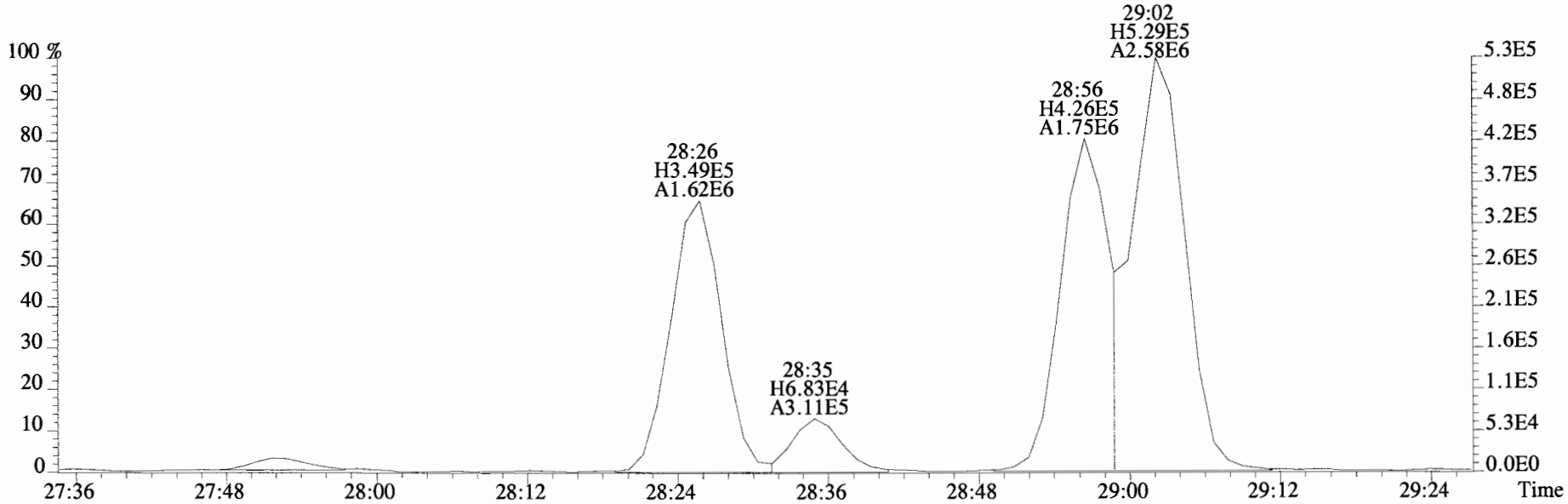
269.9986 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,87316.0,0.00%,F,F)



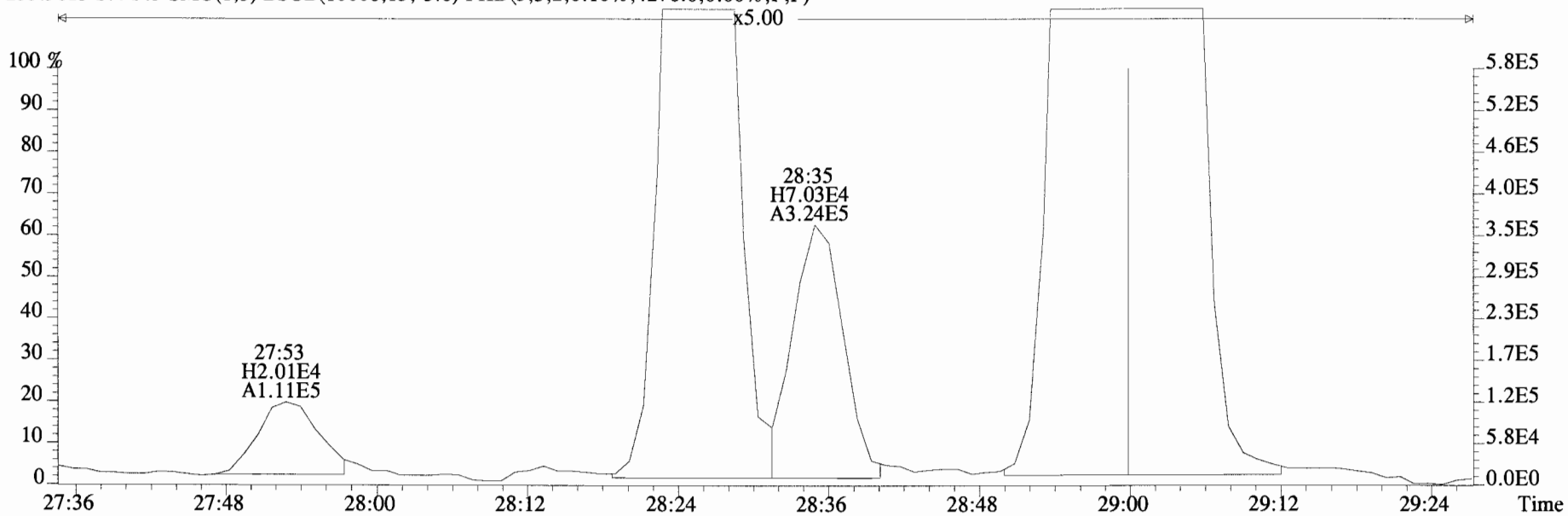
File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4276.0,0.00%,F,F)



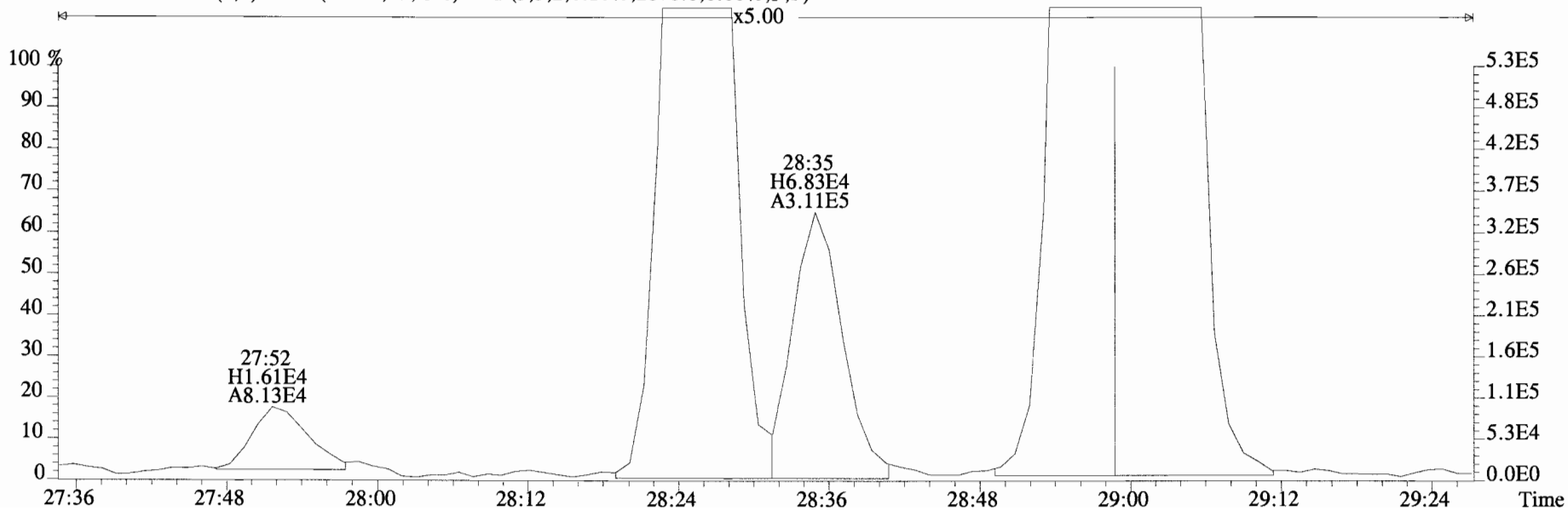
257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2876.0,0.00%,F,F)



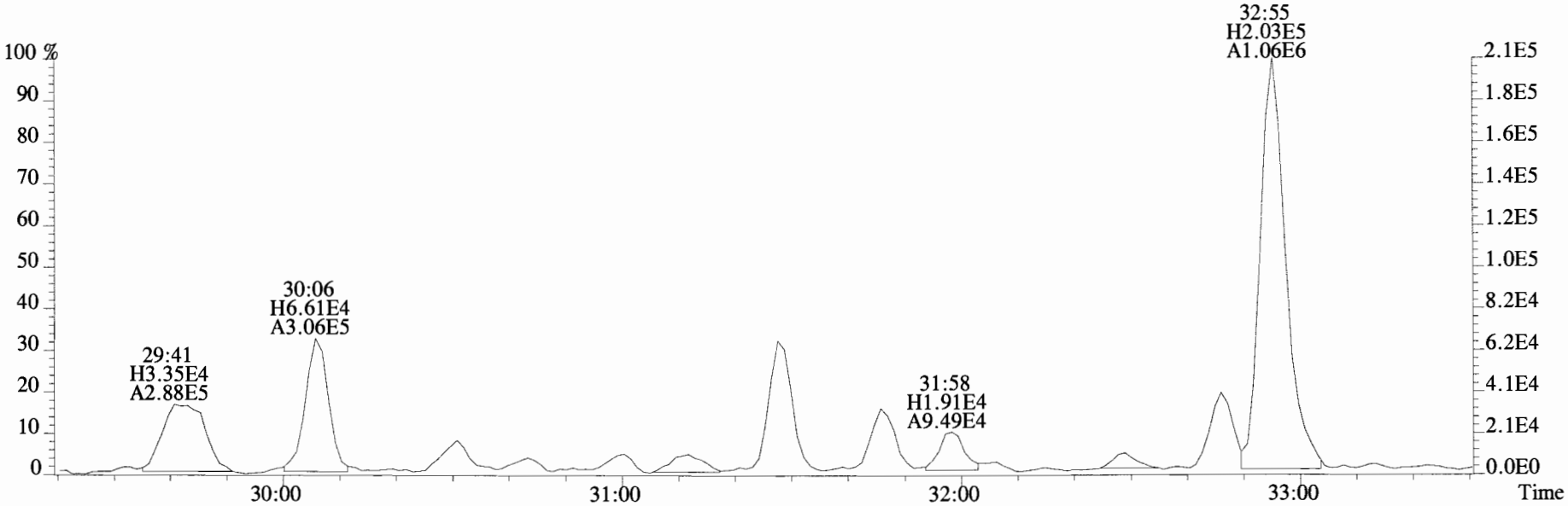
File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4276.0,0.00%,F,F)



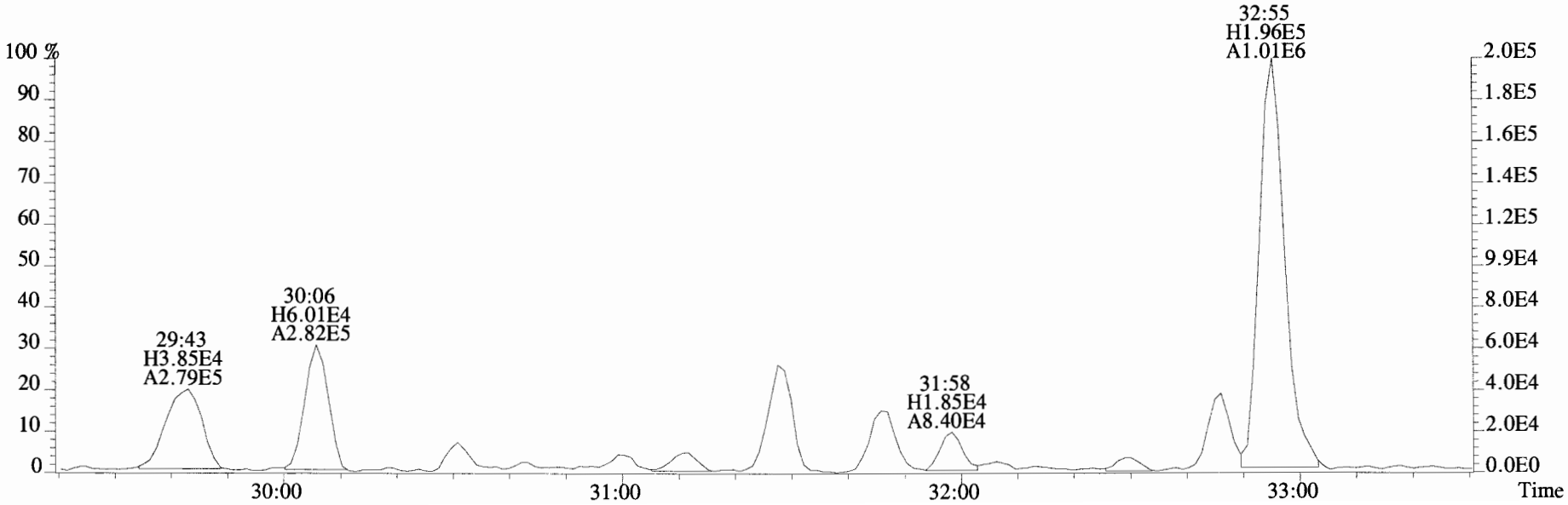
257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2876.0,0.00%,F,F)



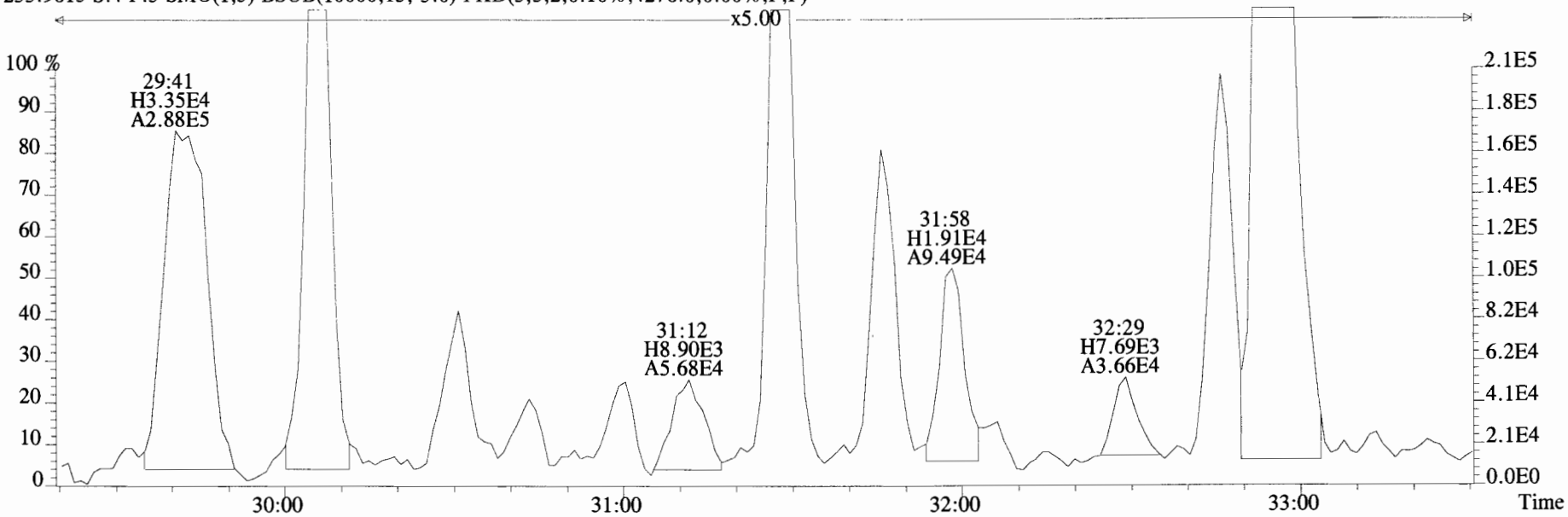
File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4276.0,0.00%,F,F)



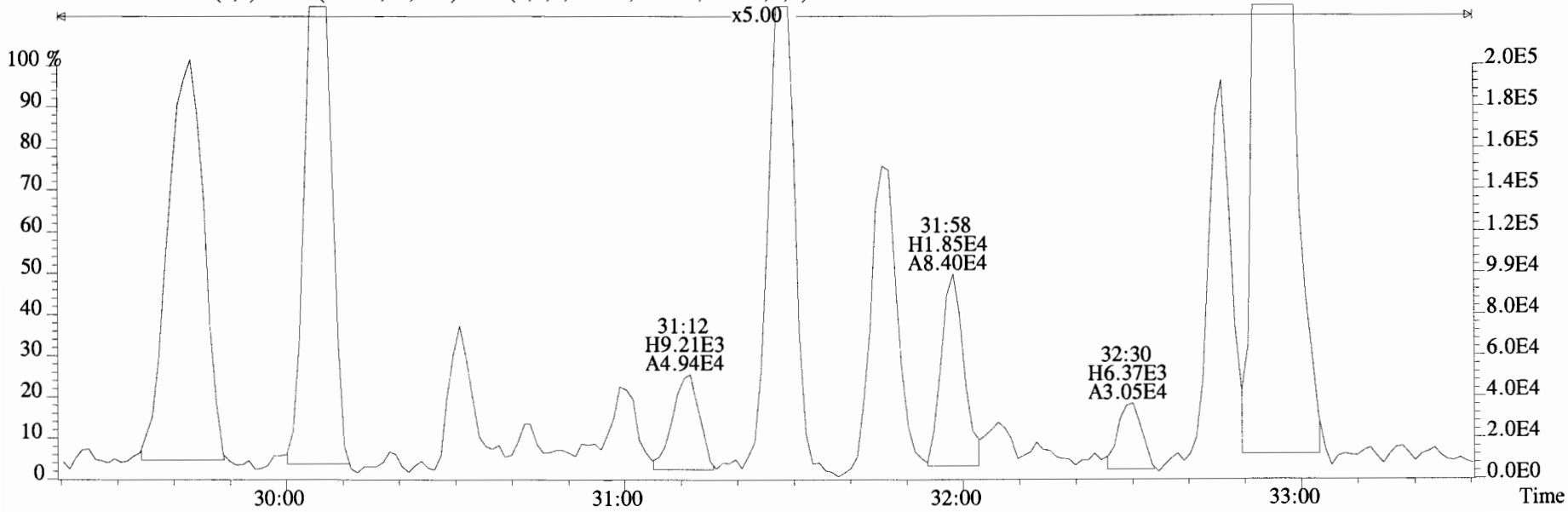
257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2876.0,0.00%,F,F)



File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4276.0,0.00%,F,F)

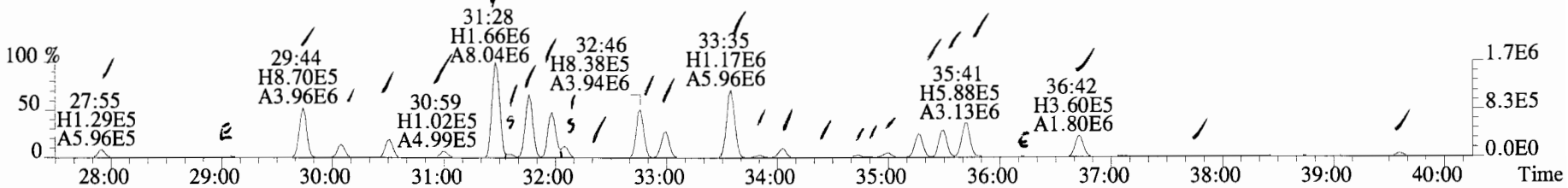


257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2876.0,0.00%,F,F)

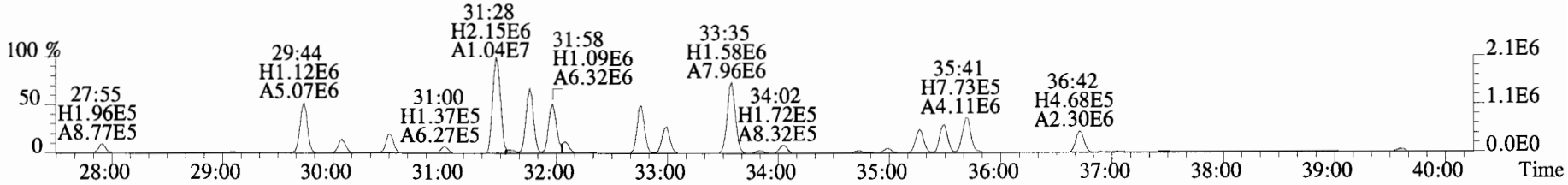


File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1

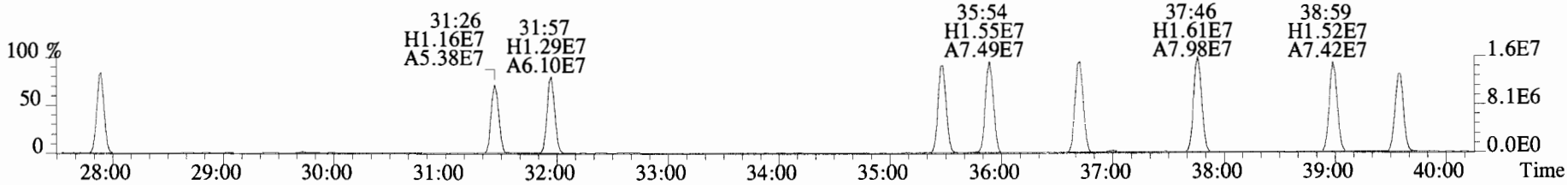
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3252.0,0.00%,F,F)



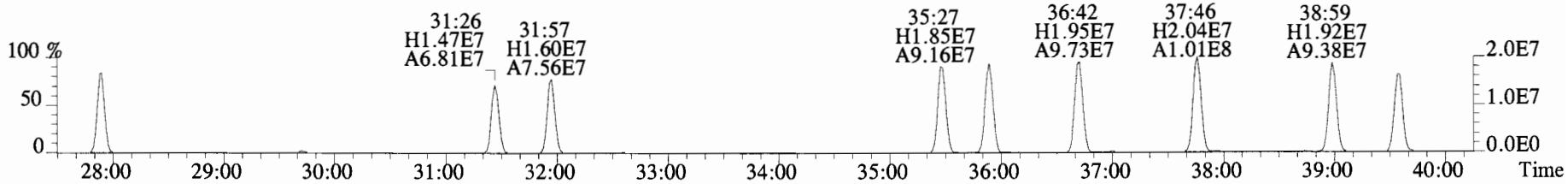
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3188.0,0.00%,F,F)



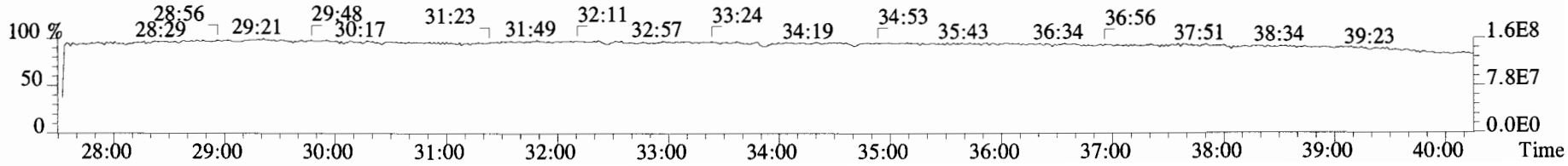
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,72308.0,0.00%,F,F)



303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37132.0,0.00%,F,F)

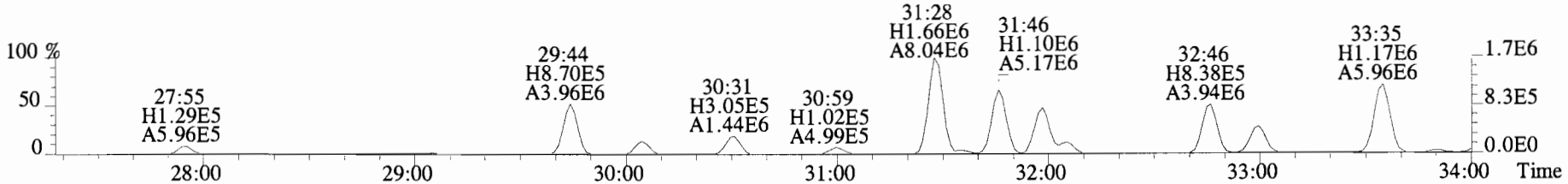


330.9792 S:4 F:3

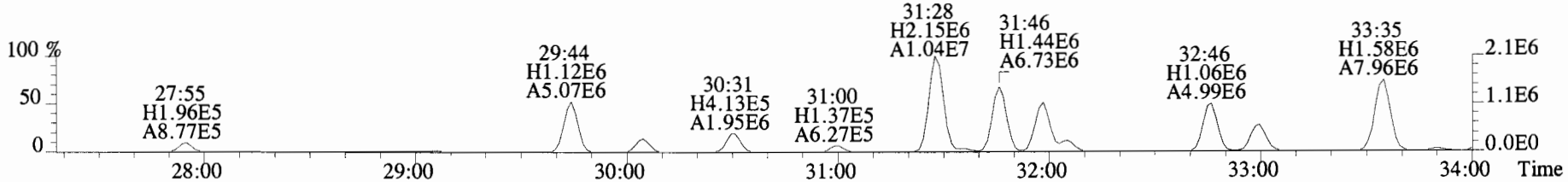


File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1

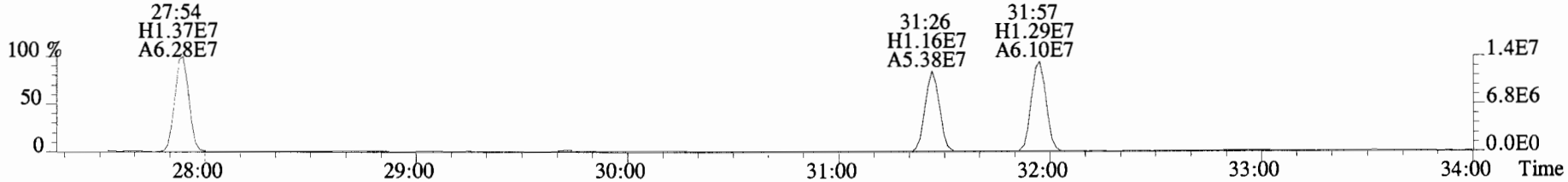
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3252.0,0.00%,F,F)



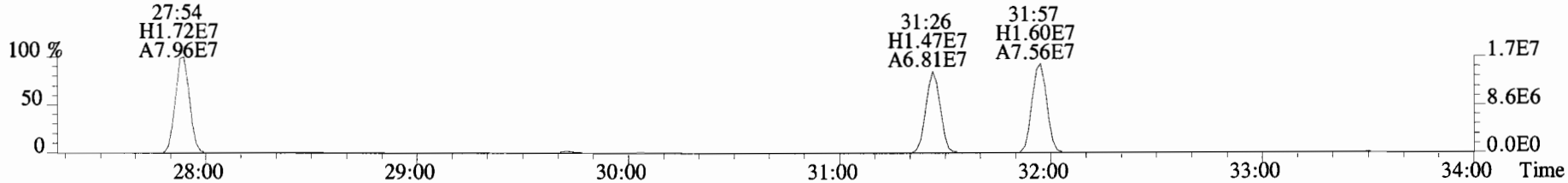
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3188.0,0.00%,F,F)



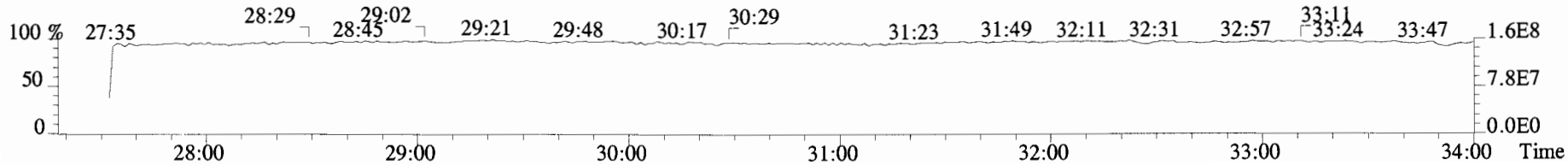
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,72308.0,0.00%,F,F)



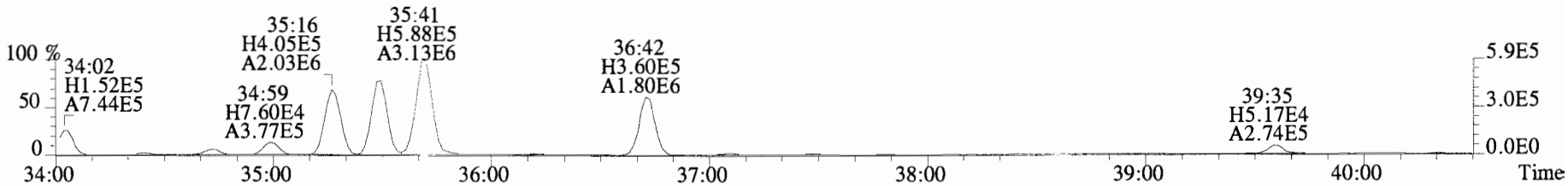
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37132.0,0.00%,F,F)



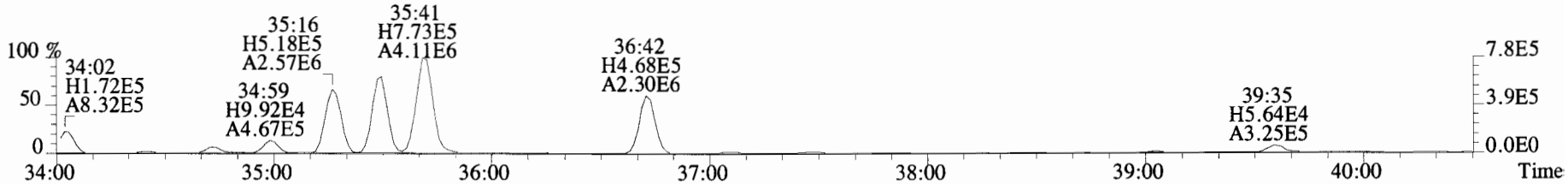
330.9792 S:4 F:3



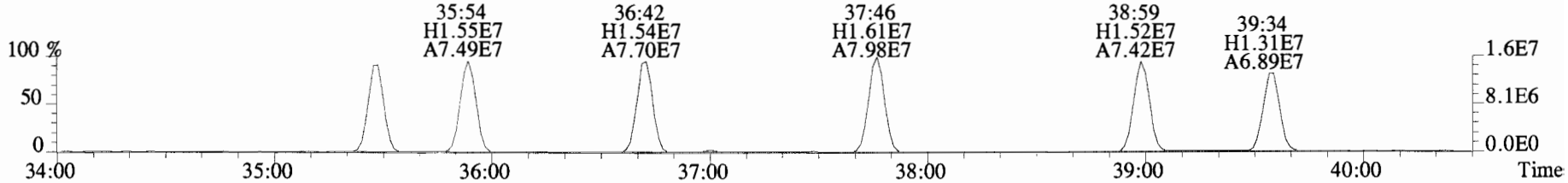
File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3252.0,0.00%,F,F)



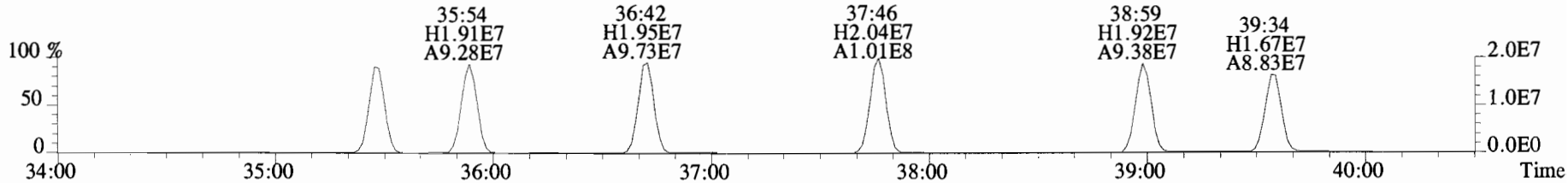
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3188.0,0.00%,F,F)



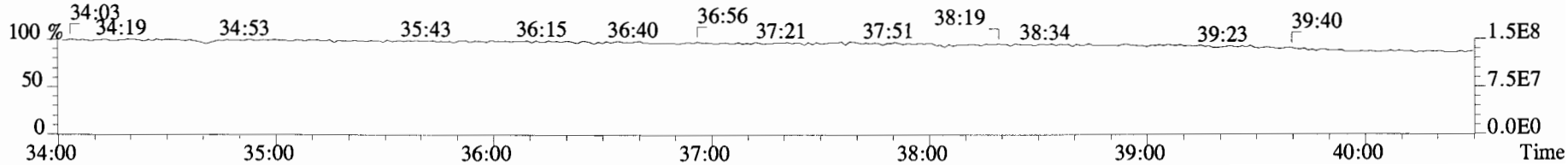
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,72308.0,0.00%,F,F)



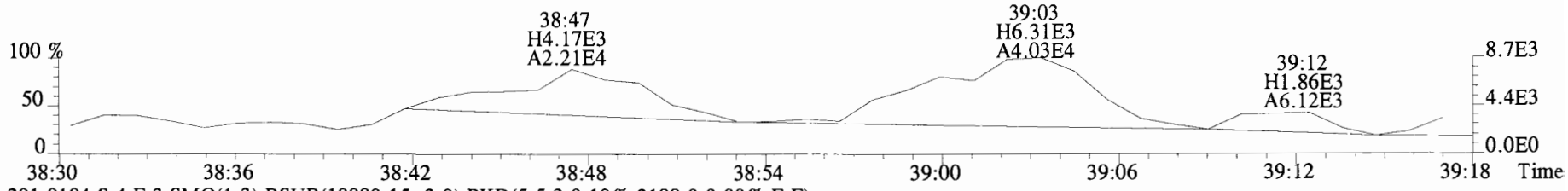
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37132.0,0.00%,F,F)



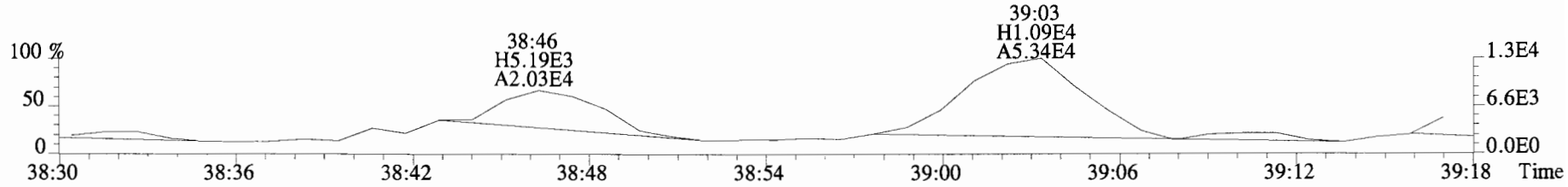
330.9792 S:4 F:3



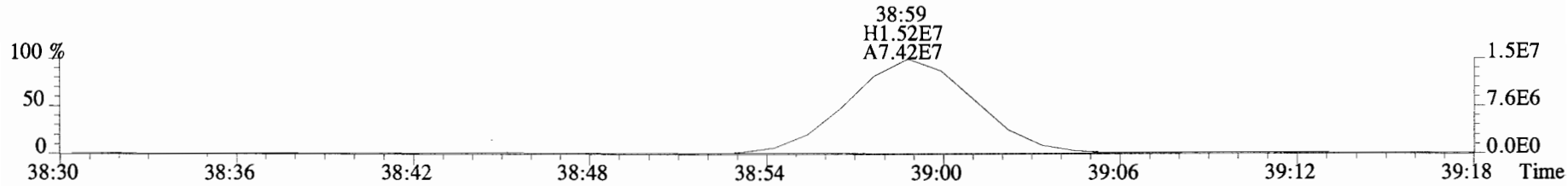
File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3252.0,0.00%,F,F)



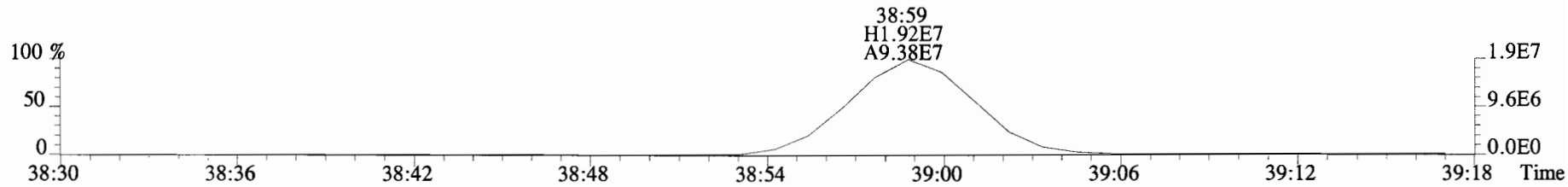
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3188.0,0.00%,F,F)



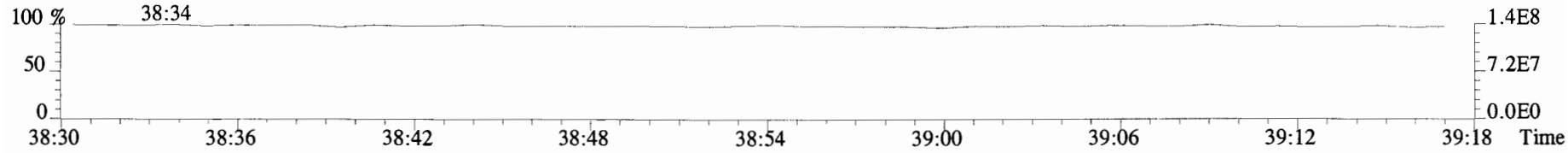
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,72308.0,0.00%,F,F)



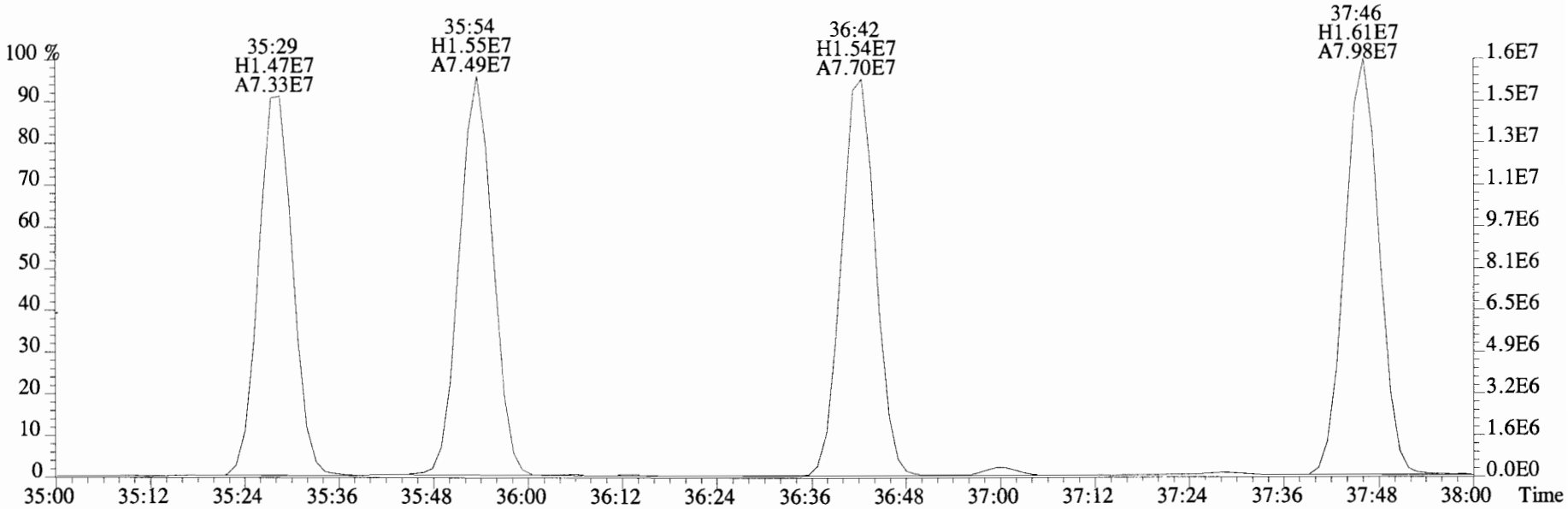
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37132.0,0.00%,F,F)



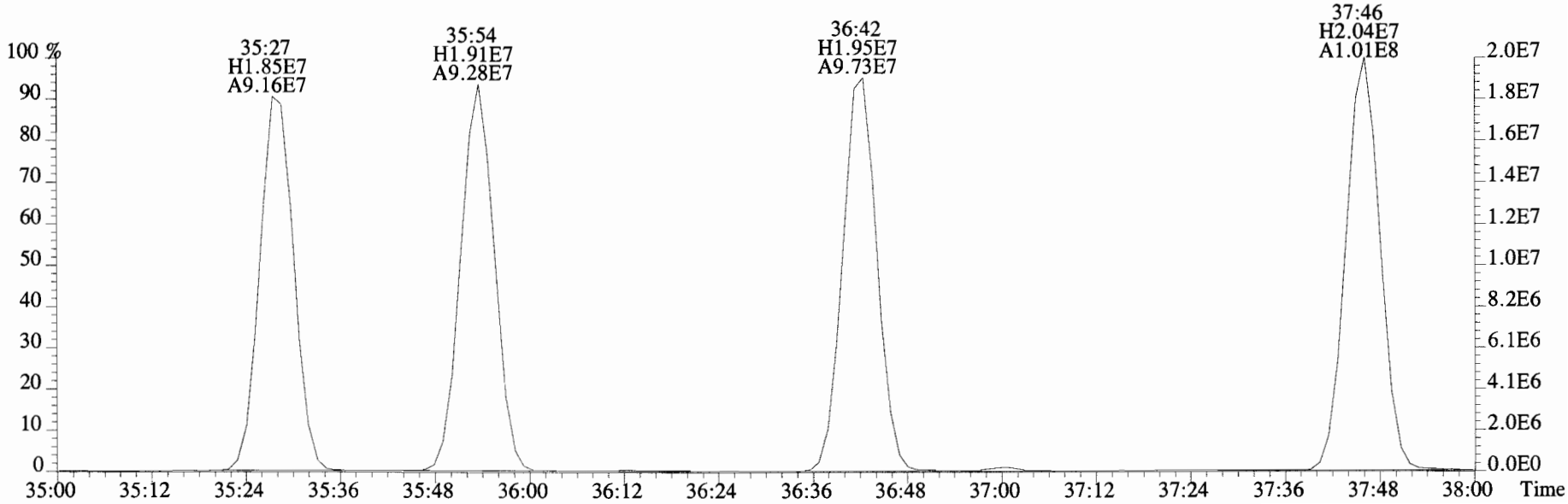
330.9792 S:4 F:3



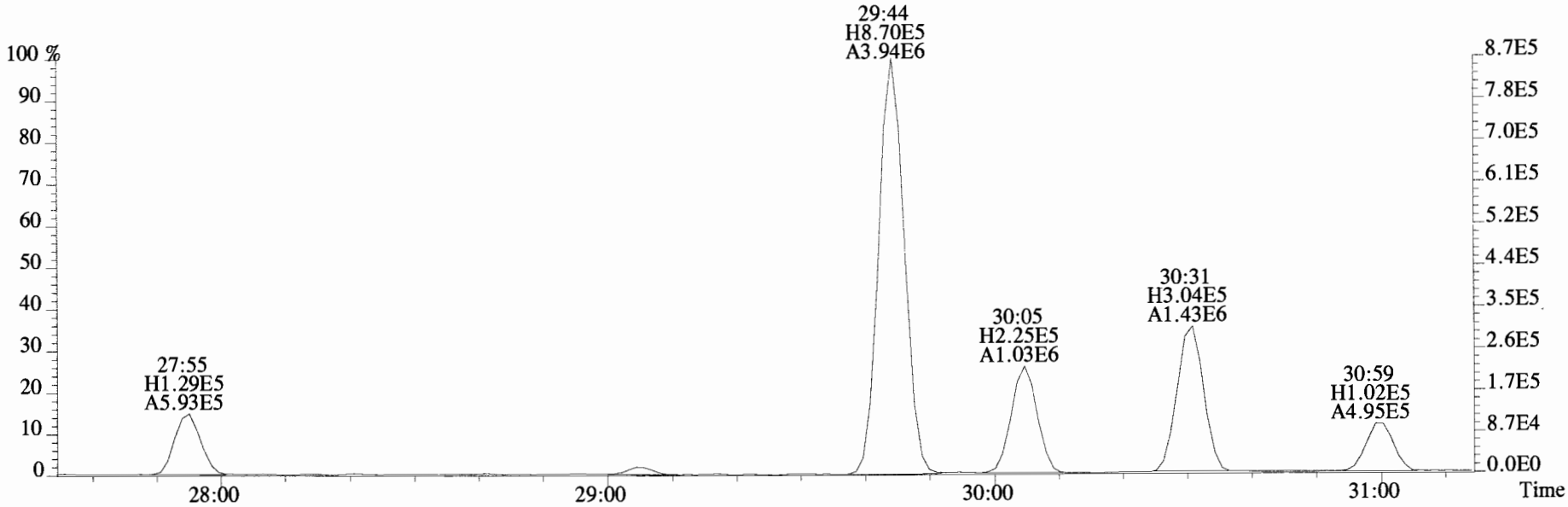
File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,72308.0,0.00%,F,F)



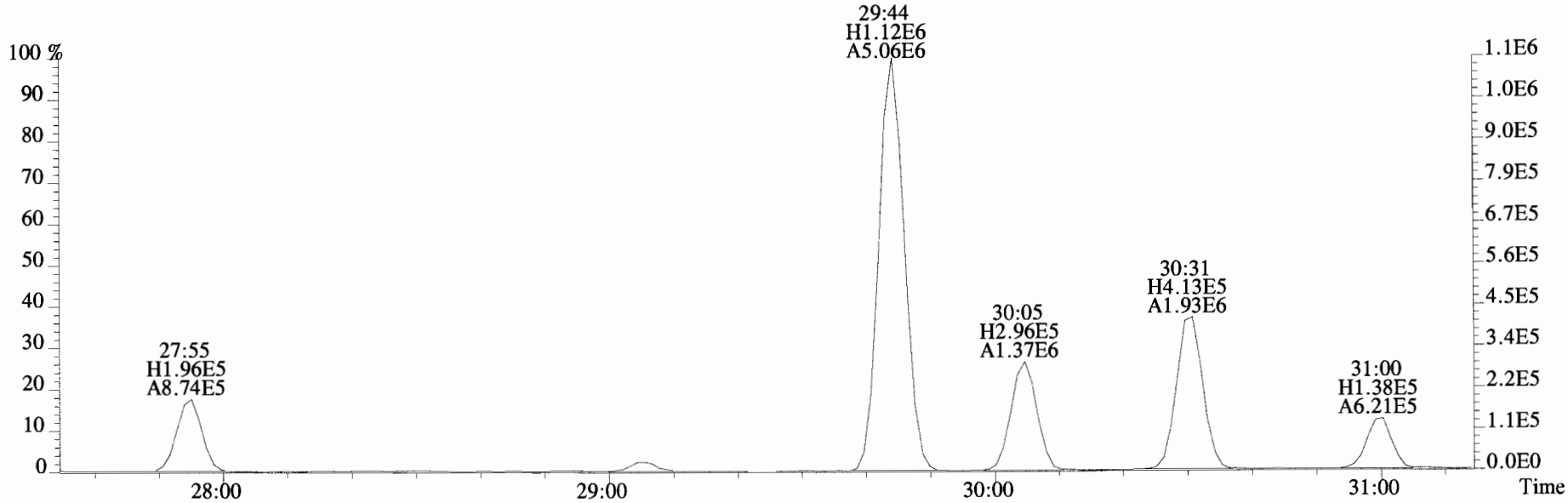
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37132.0,0.00%,F,F)



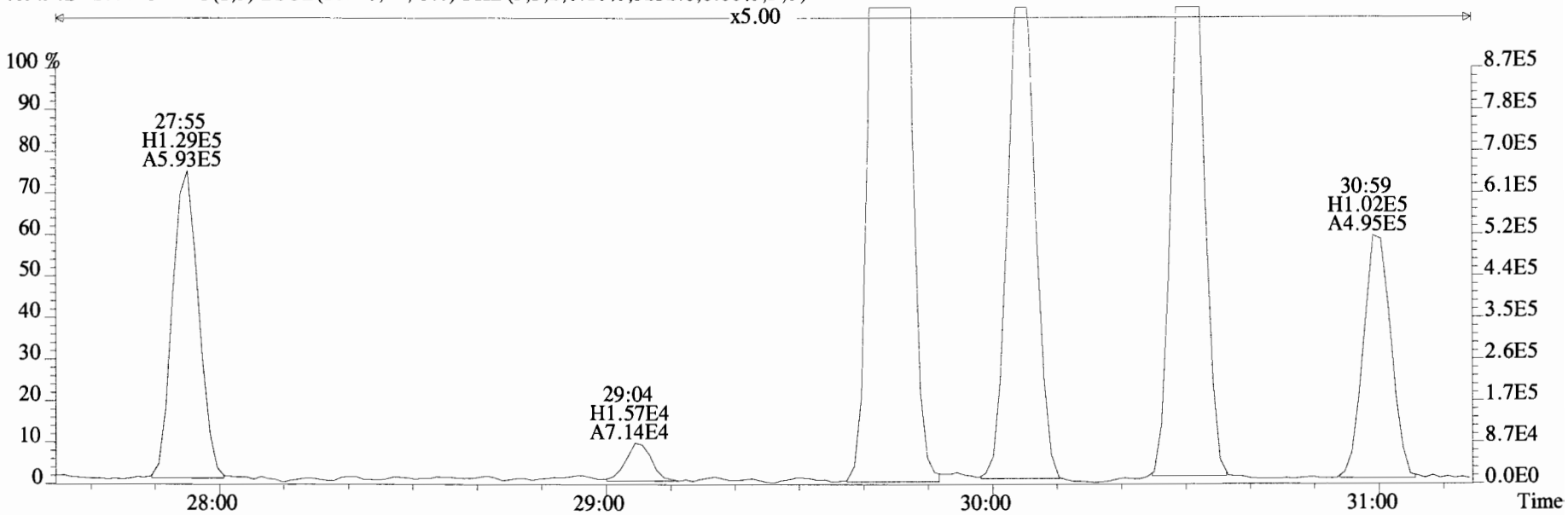
File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3252.0,0.00%,F,F)



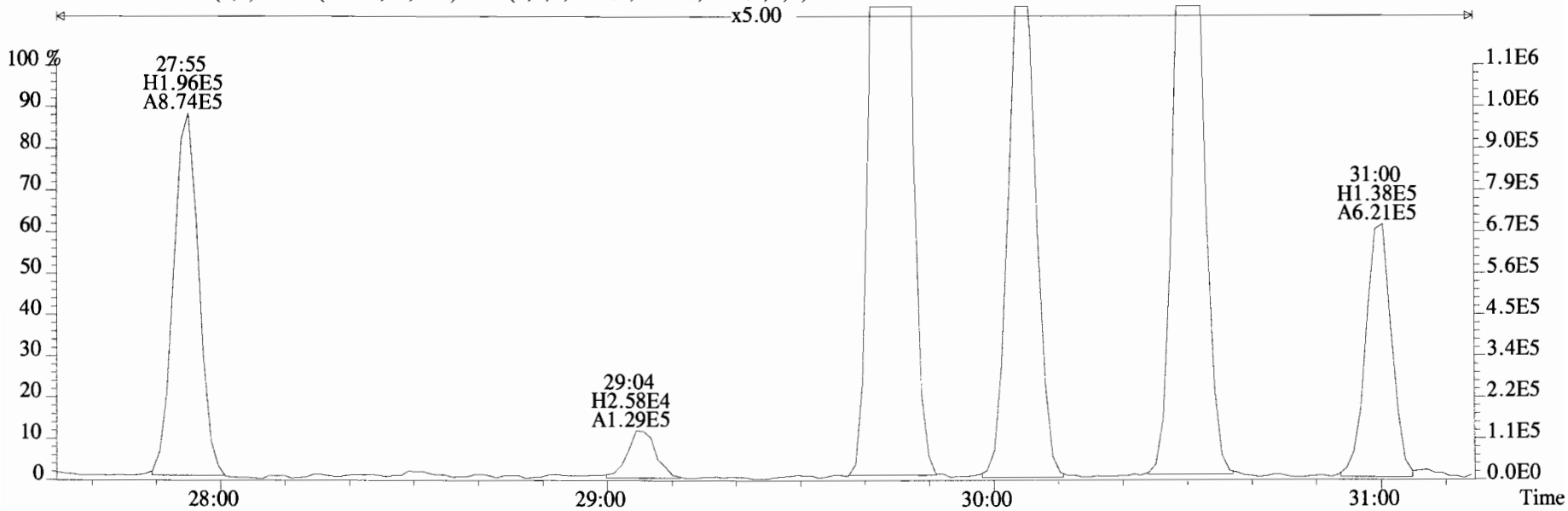
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3188.0,0.00%,F,F)



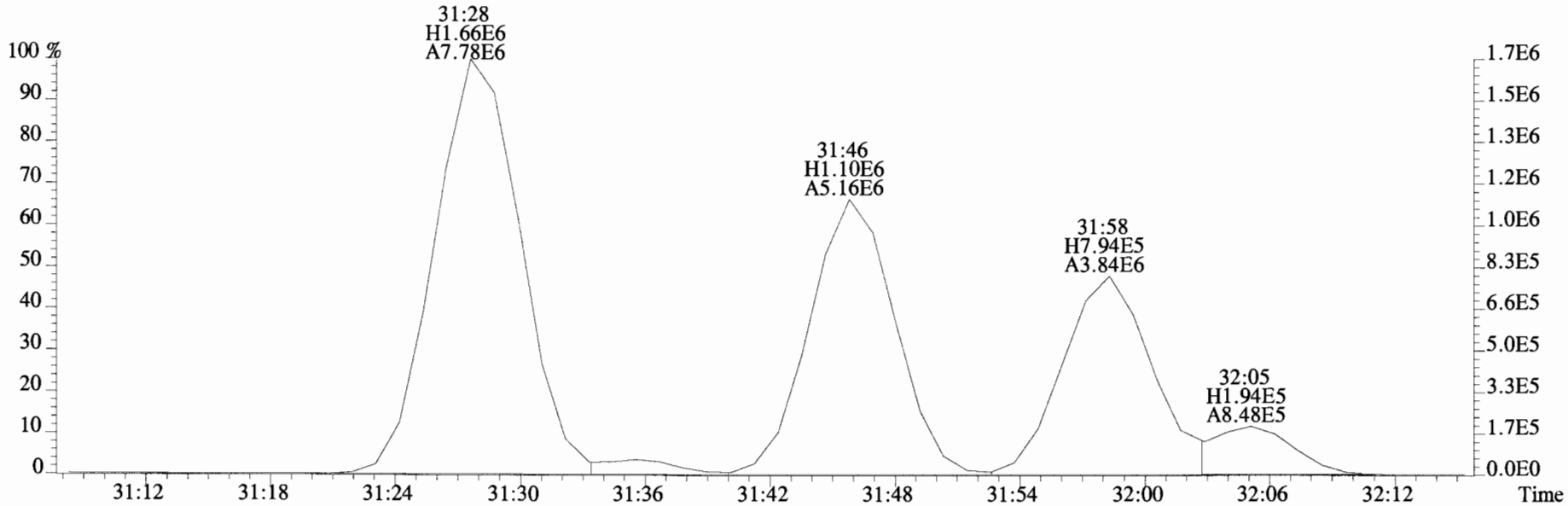
File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3252.0,0.00%,F,F)



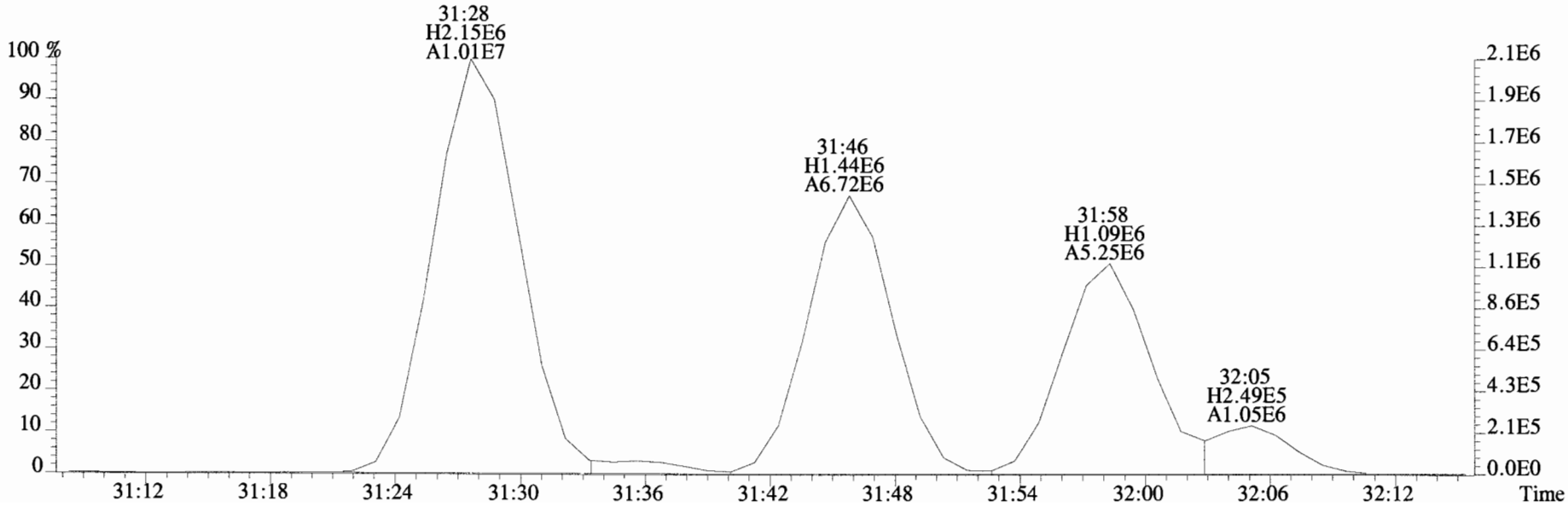
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3188.0,0.00%,F,F)



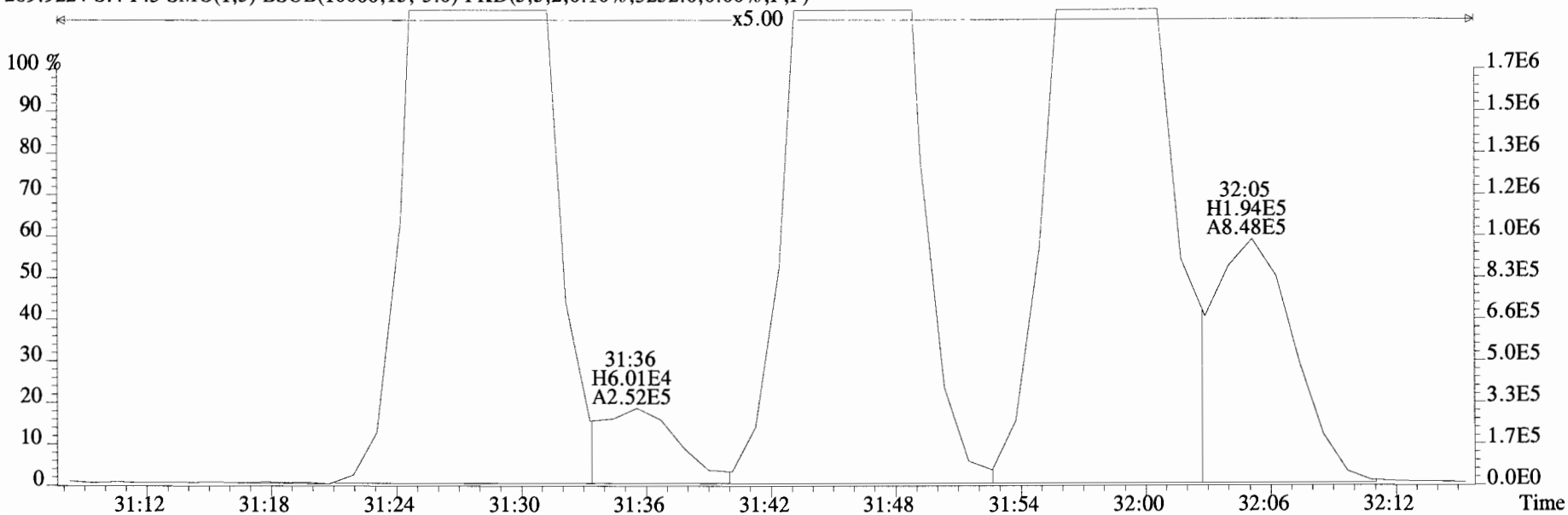
File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3252.0,0.00%,F,F)



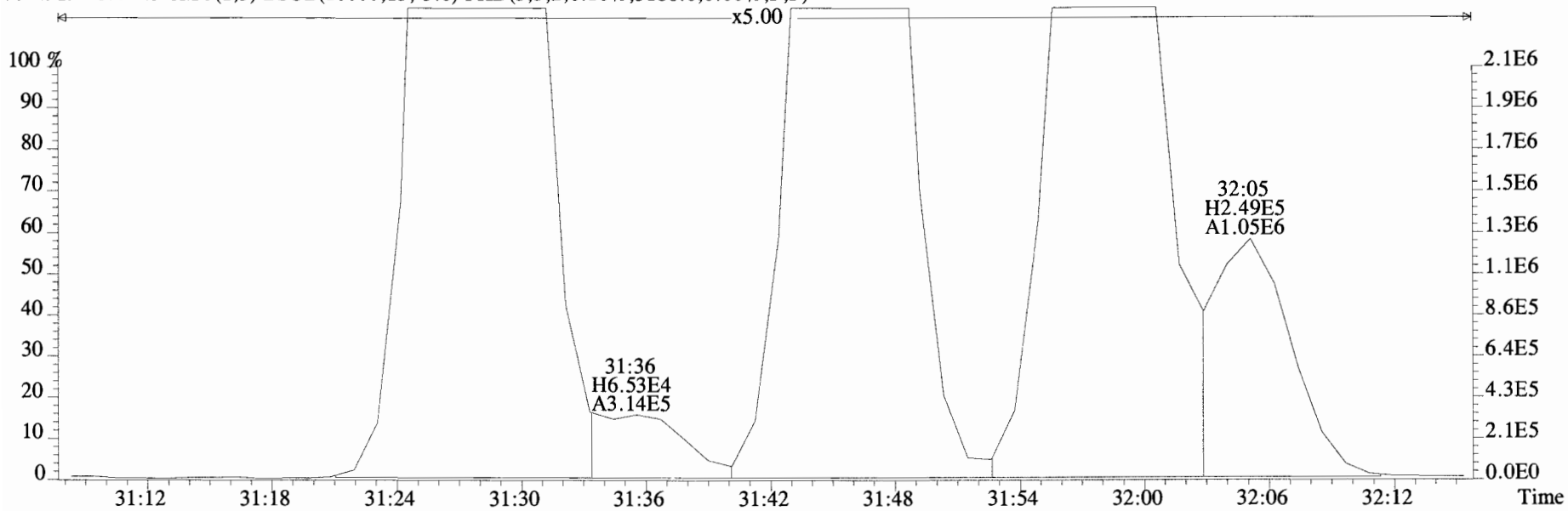
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3188.0,0.00%,F,F)



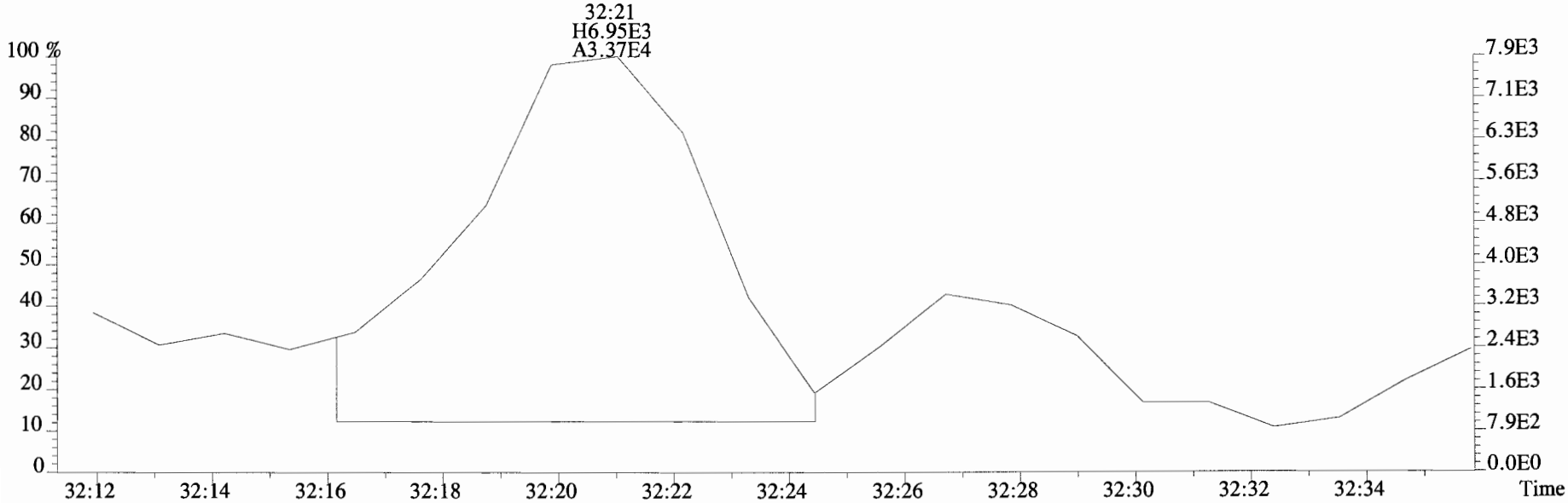
File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3252.0,0.00%,F,F)



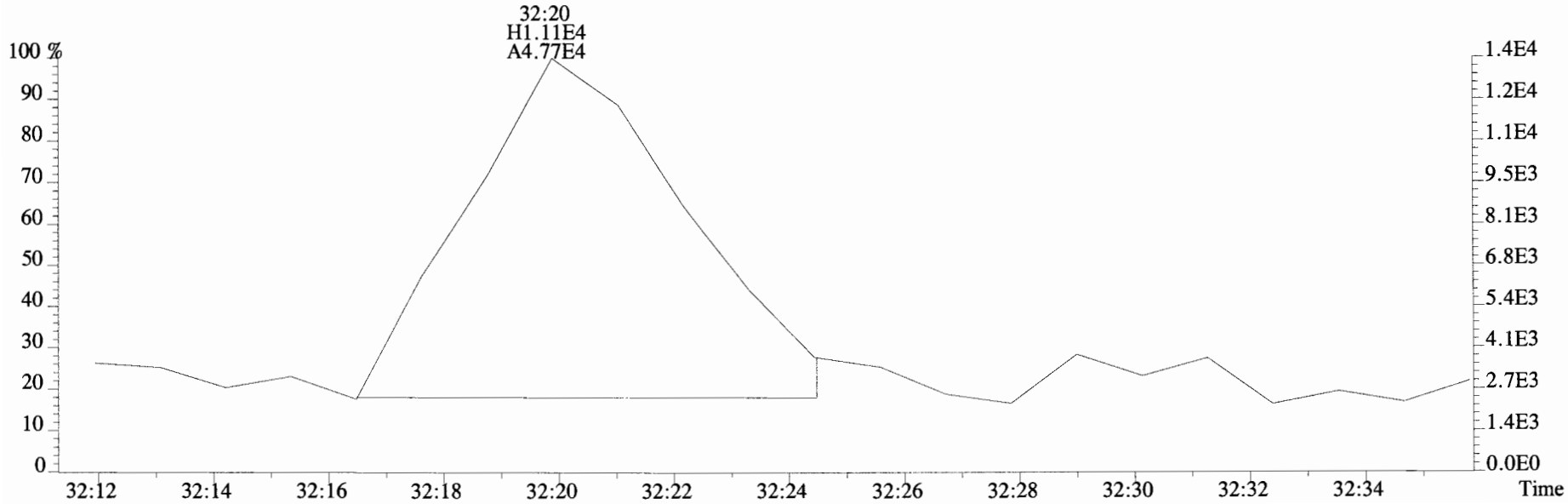
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3188.0,0.00%,F,F)



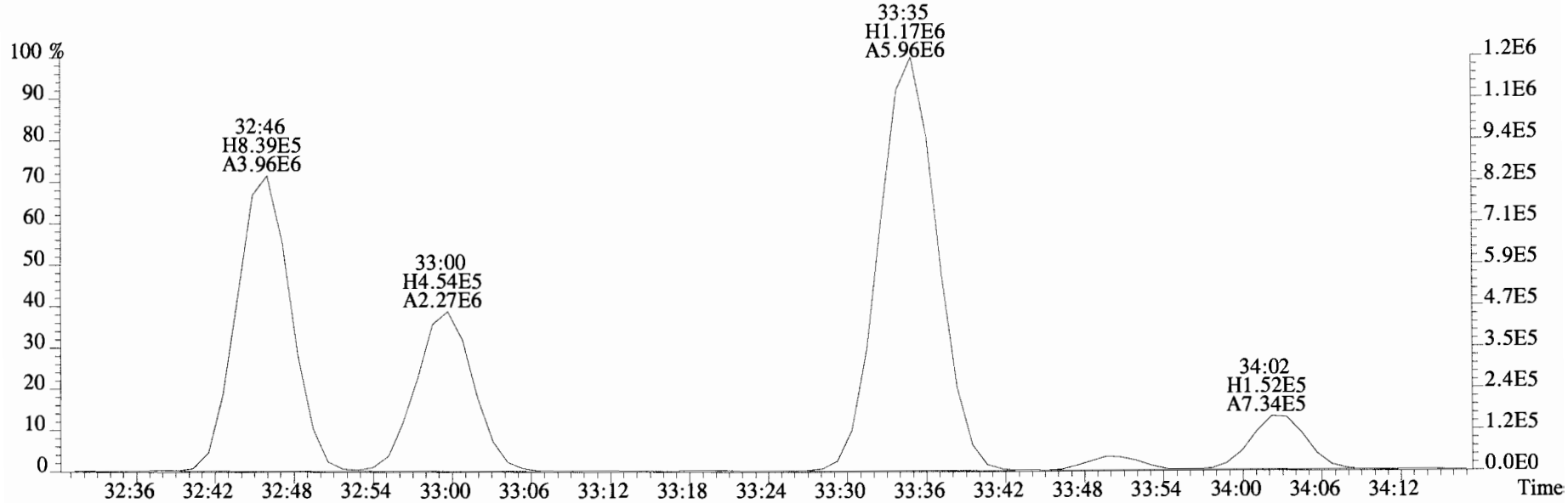
File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3252.0,0.00%,F,F)



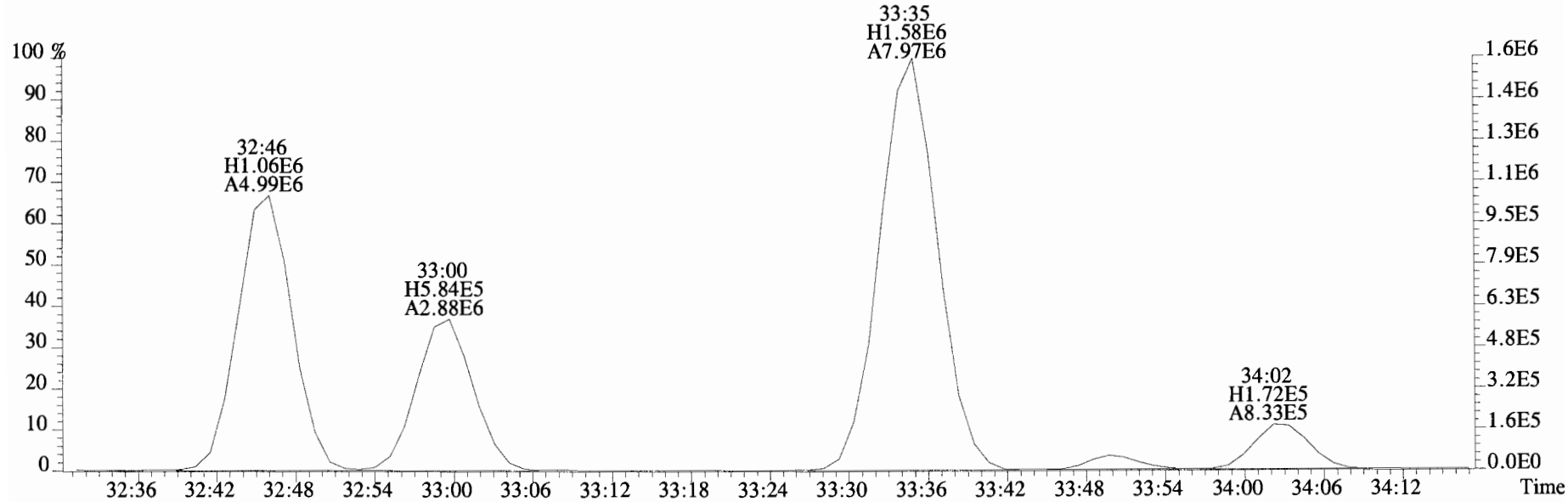
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3188.0,0.00%,F,F)



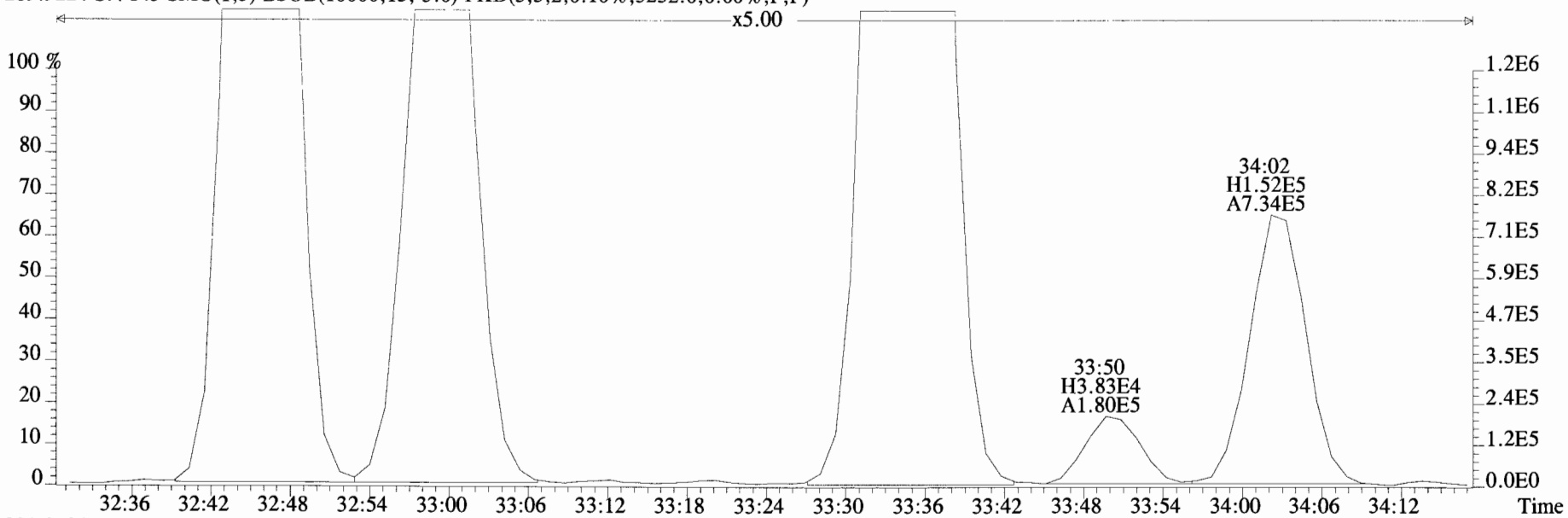
File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3252.0,0.00%,F,F)



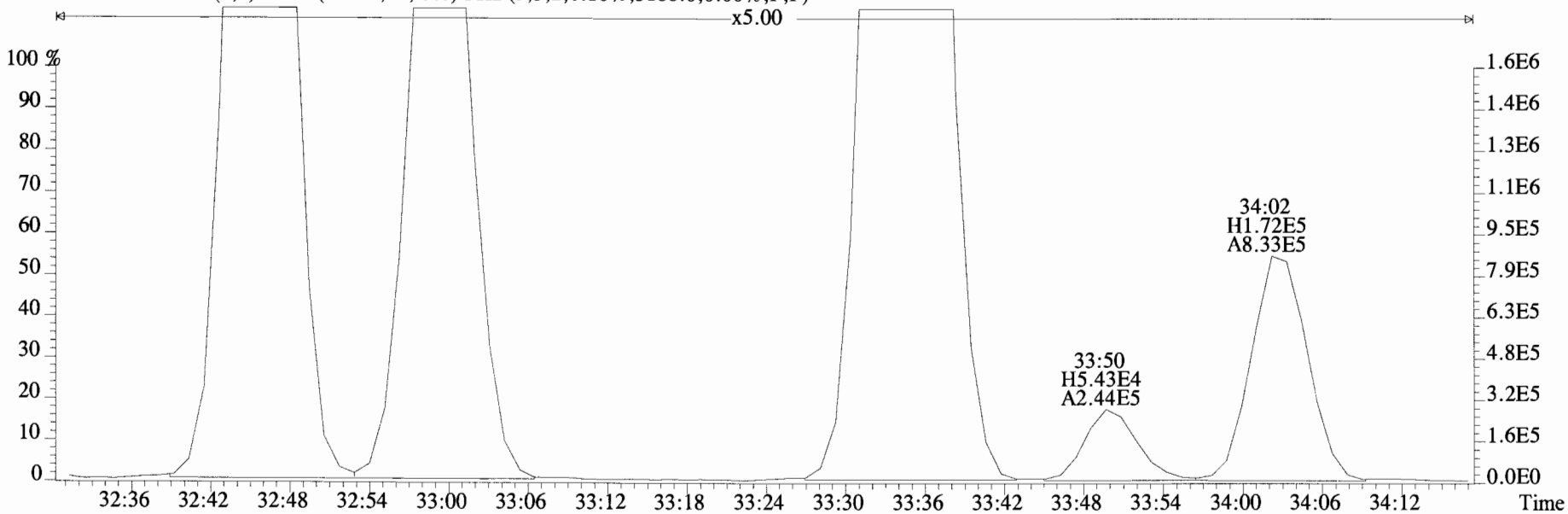
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3188.0,0.00%,F,F)



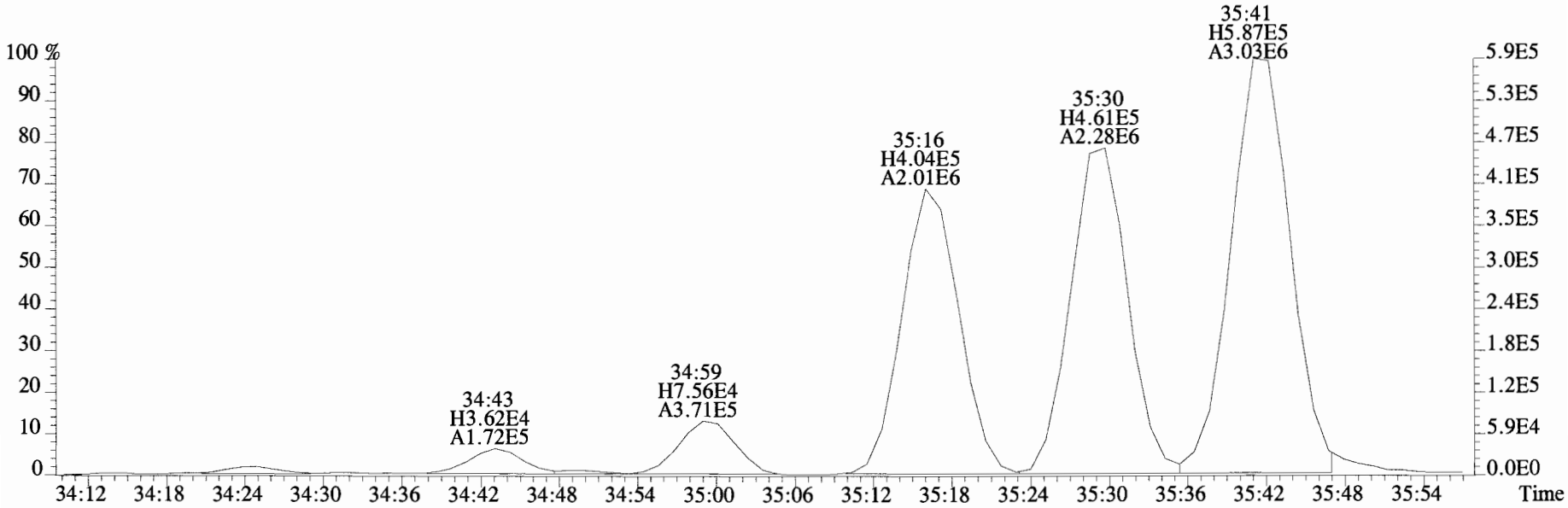
File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3252.0,0.00%,F,F)



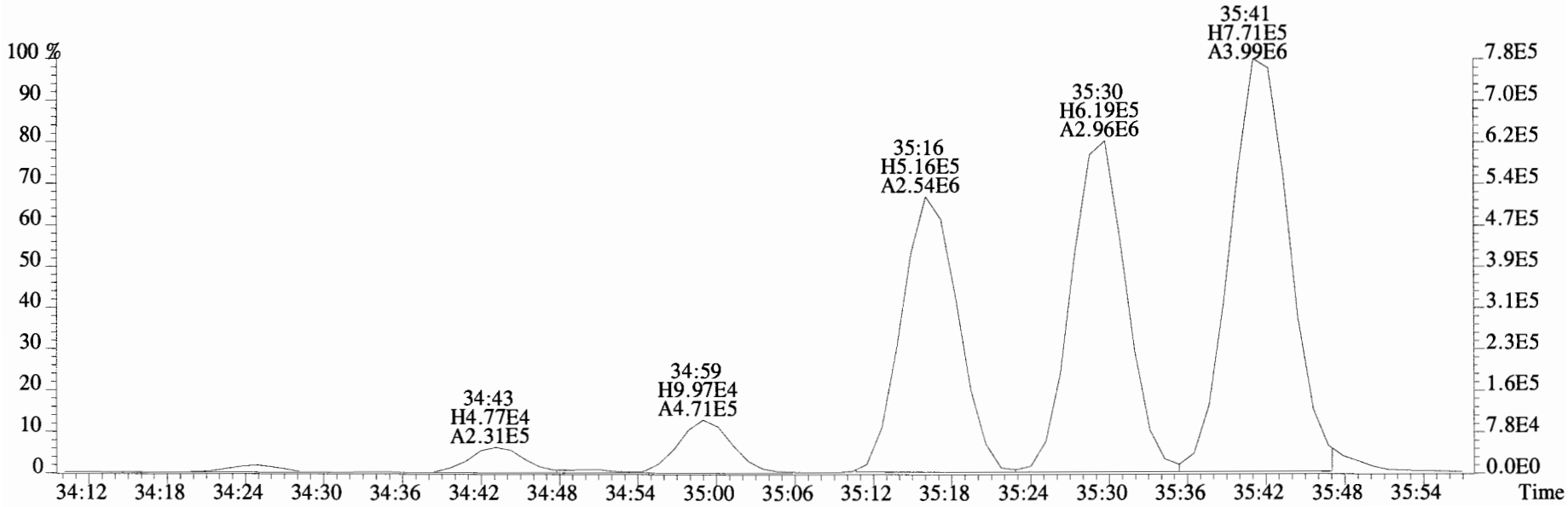
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3188.0,0.00%,F,F)



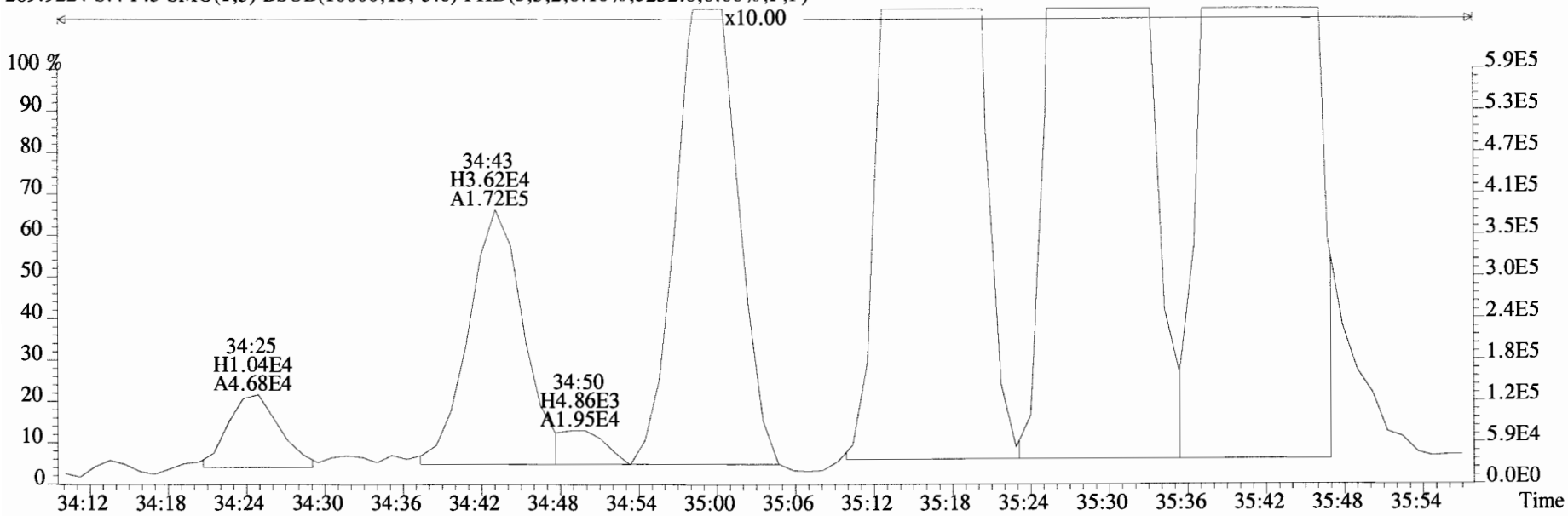
File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3252.0,0.00%,F,F)



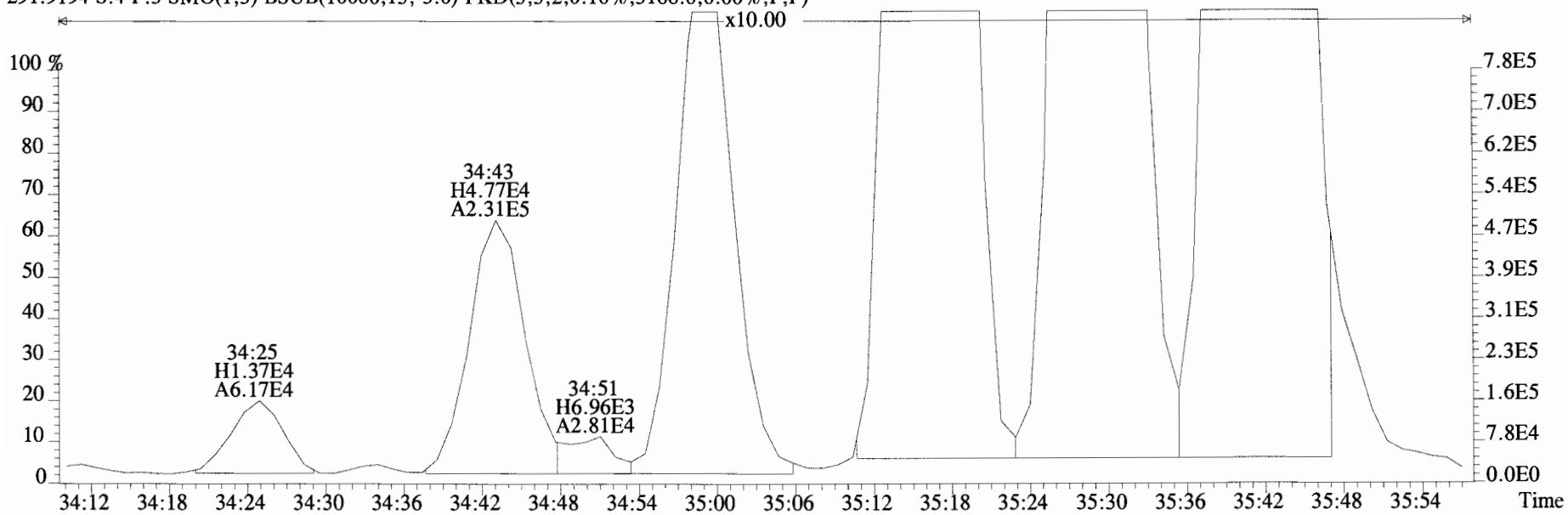
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3188.0,0.00%,F,F)



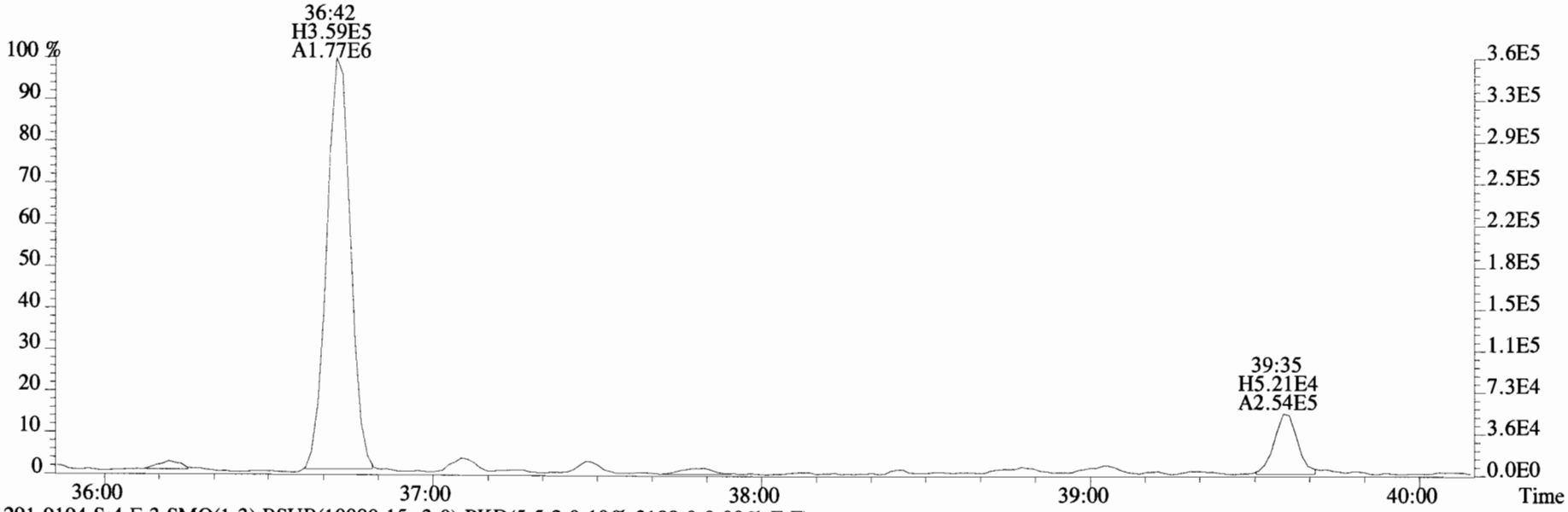
File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3252.0,0.00%,F,F)



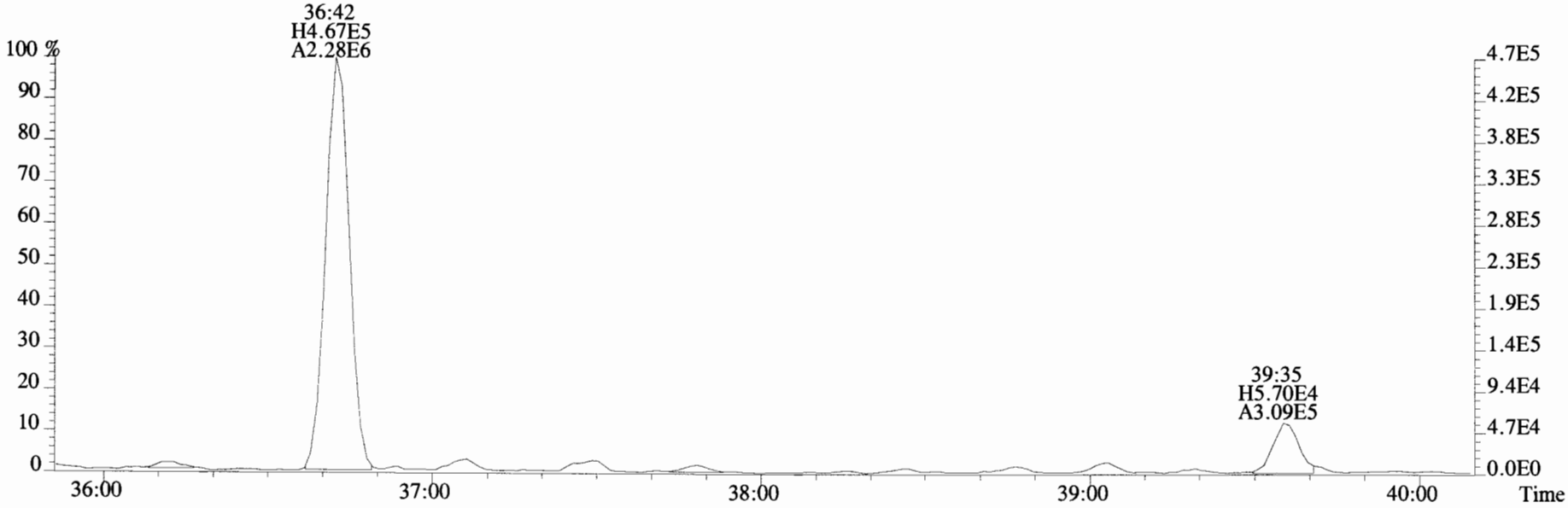
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3188.0,0.00%,F,F)



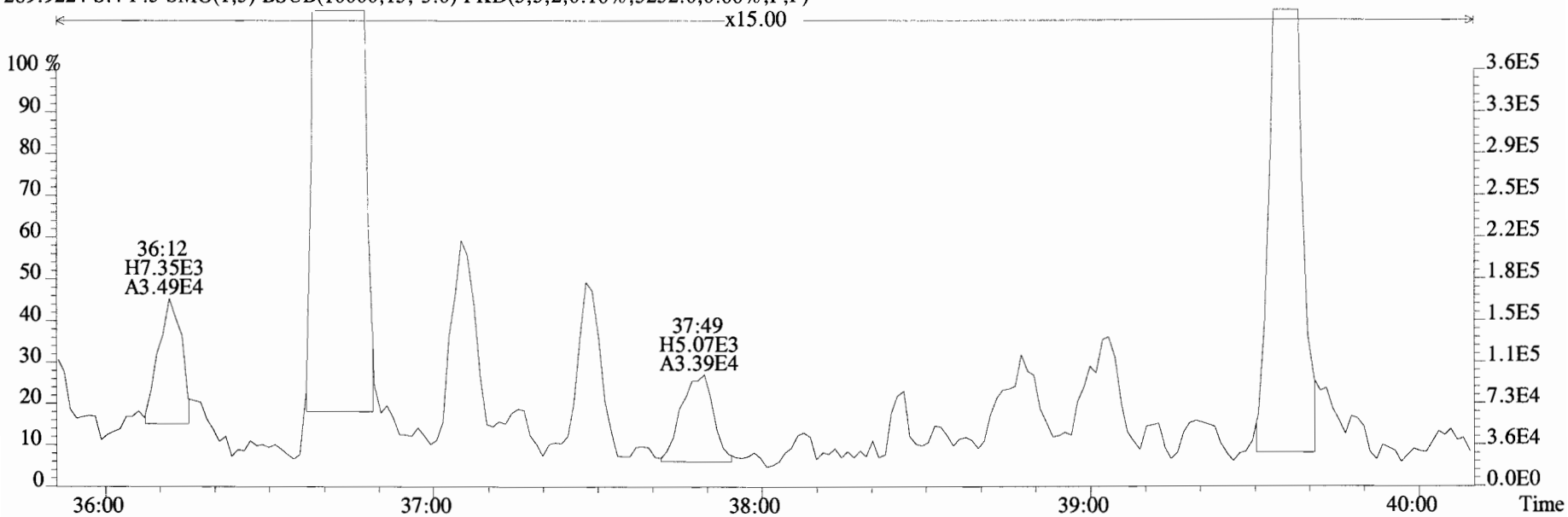
File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3252.0,0.00%,F,F)



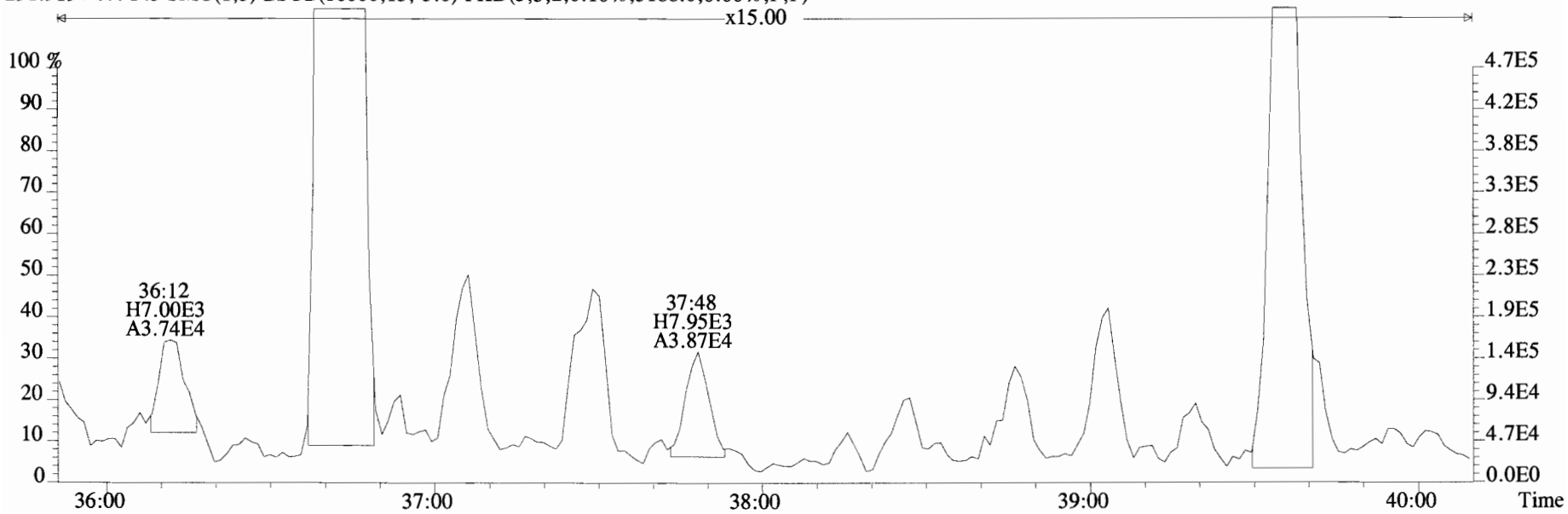
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3188.0,0.00%,F,F)



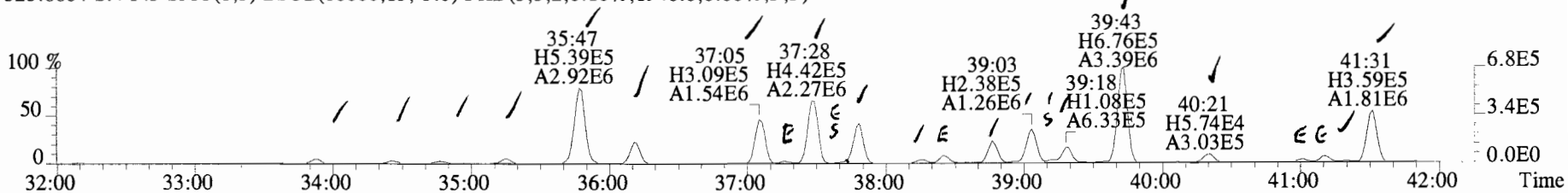
File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3252.0,0.00%,F,F)



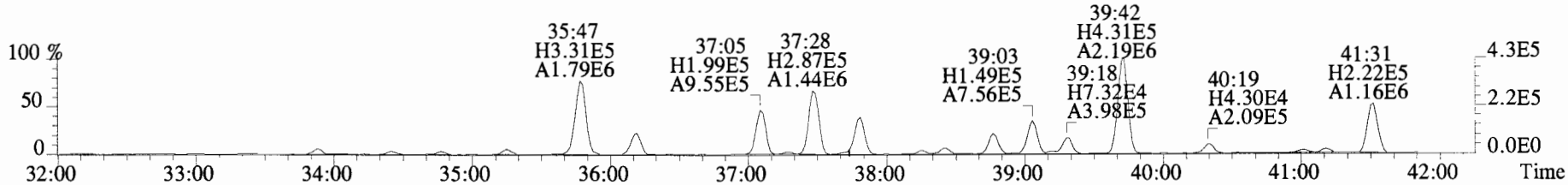
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3188.0,0.00%,F,F)



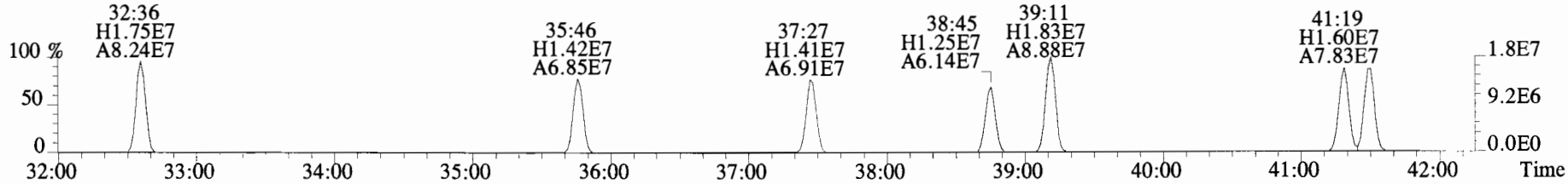
File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1940.0,0.00%,F,F)



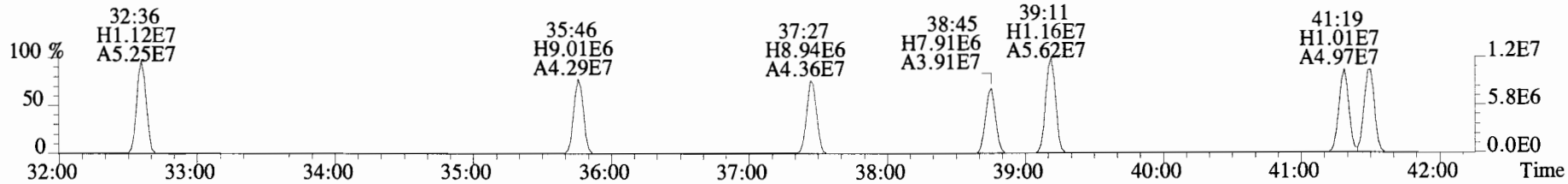
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1728.0,0.00%,F,F)



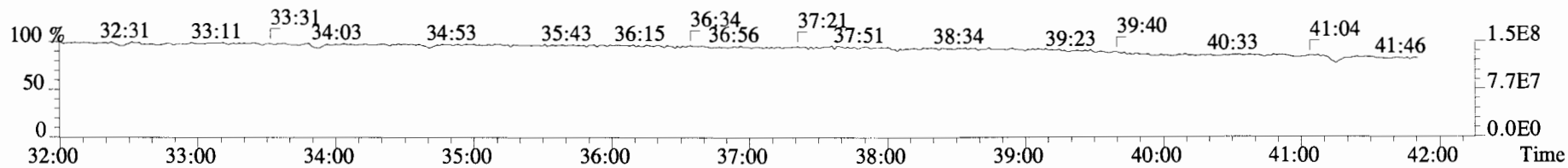
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6588.0,0.00%,F,F)



339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5168.0,0.00%,F,F)

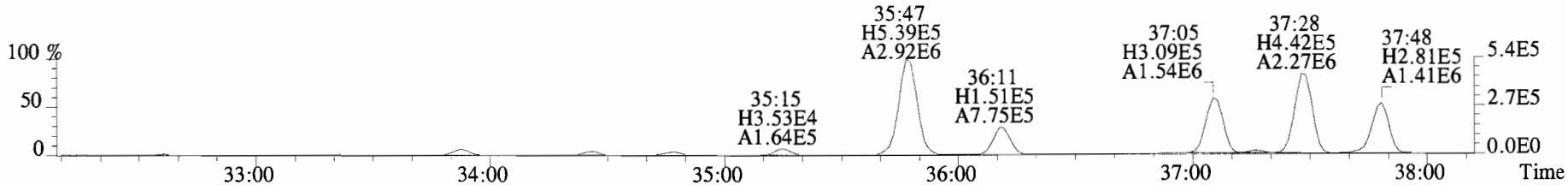


330.9792 S:4 F:3

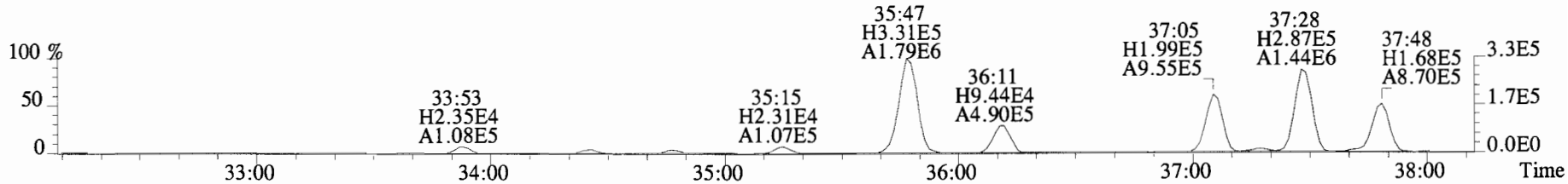


File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1

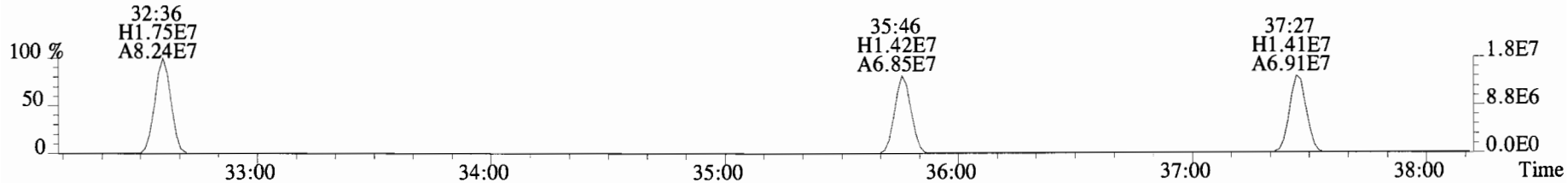
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1940.0,0.00%,F,F)



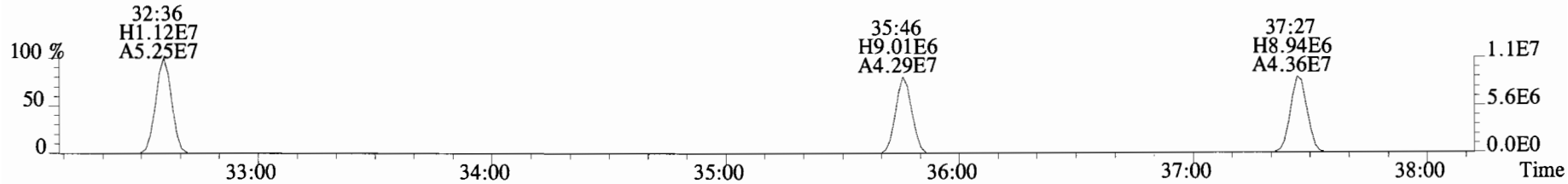
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1728.0,0.00%,F,F)



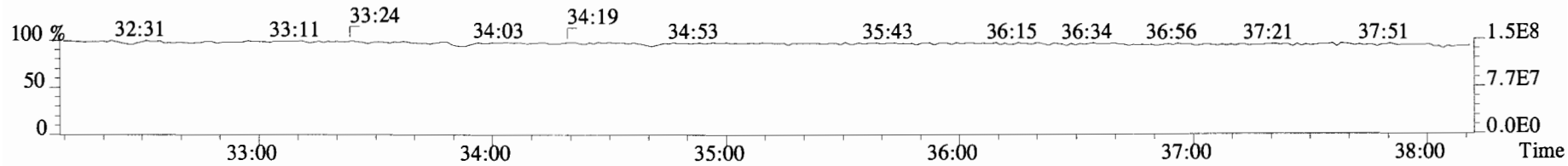
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6588.0,0.00%,F,F)



339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5168.0,0.00%,F,F)

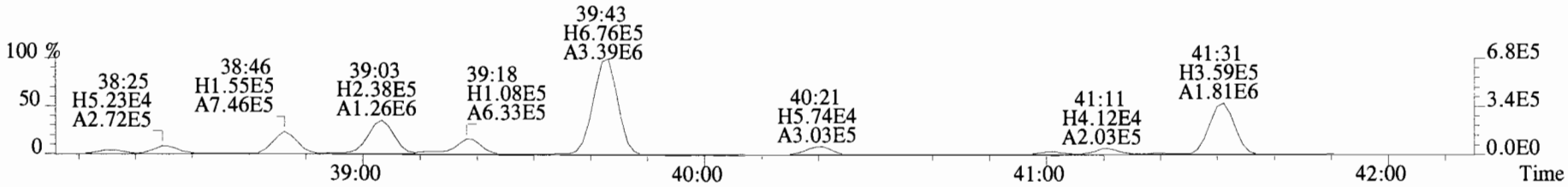


330.9792 S:4 F:3

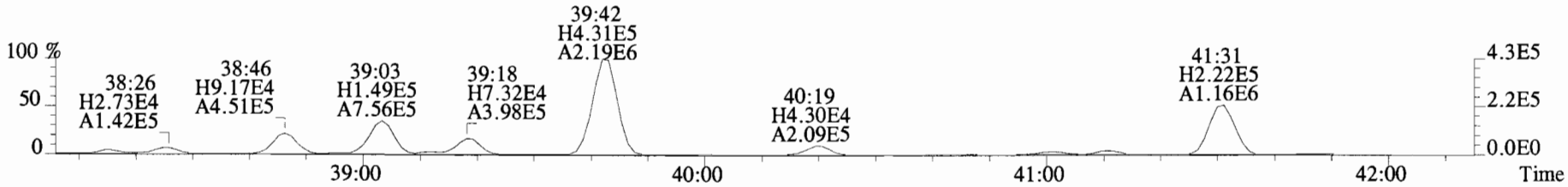


File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1

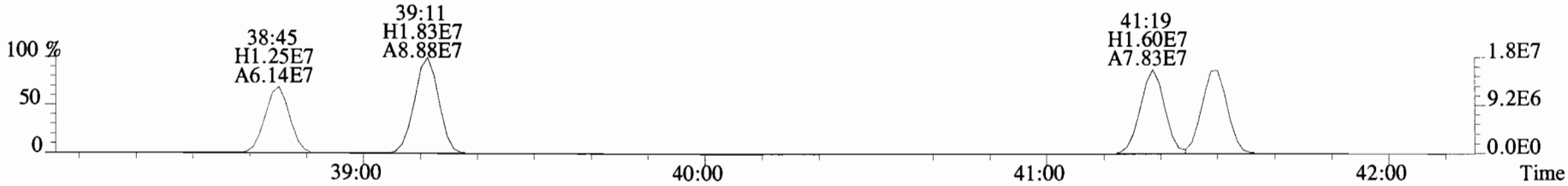
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1940.0,0.00%,F,F)



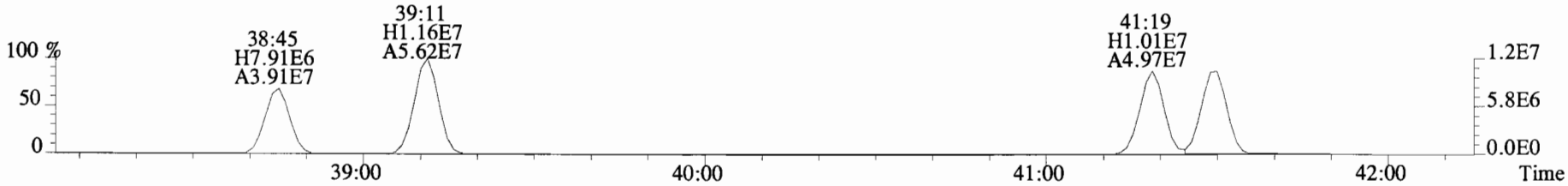
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1728.0,0.00%,F,F)



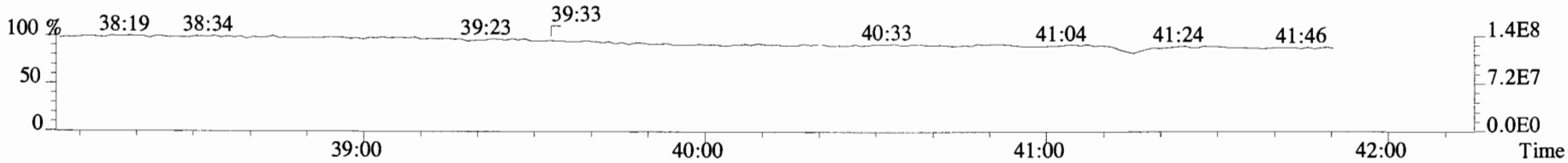
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6588.0,0.00%,F,F)



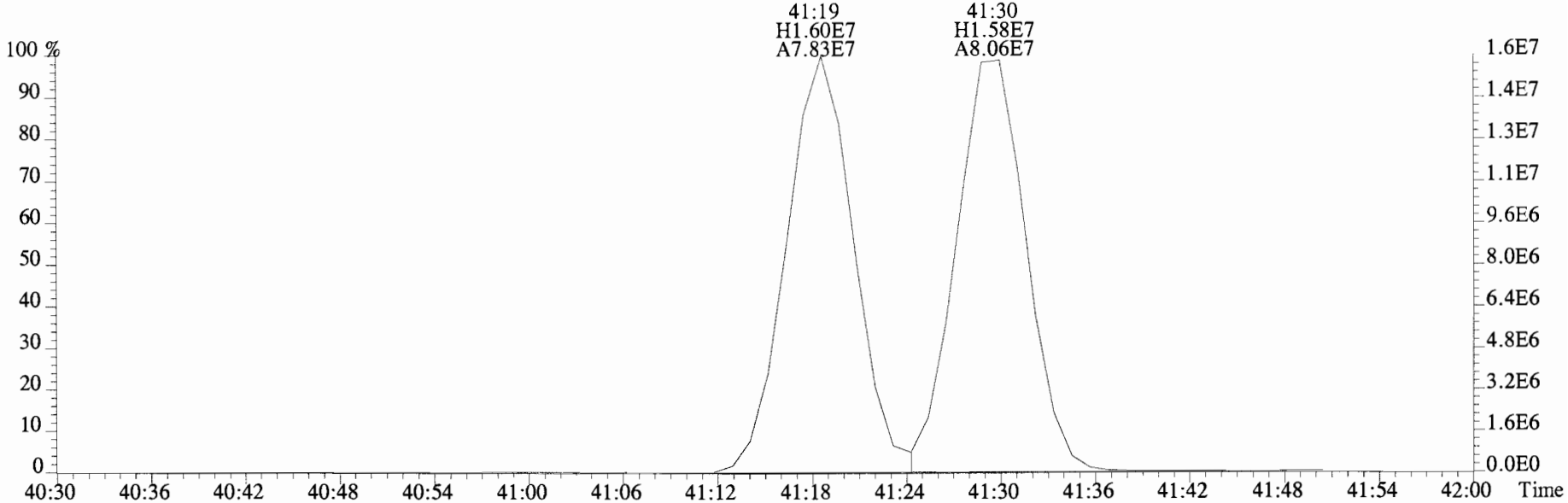
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5168.0,0.00%,F,F)



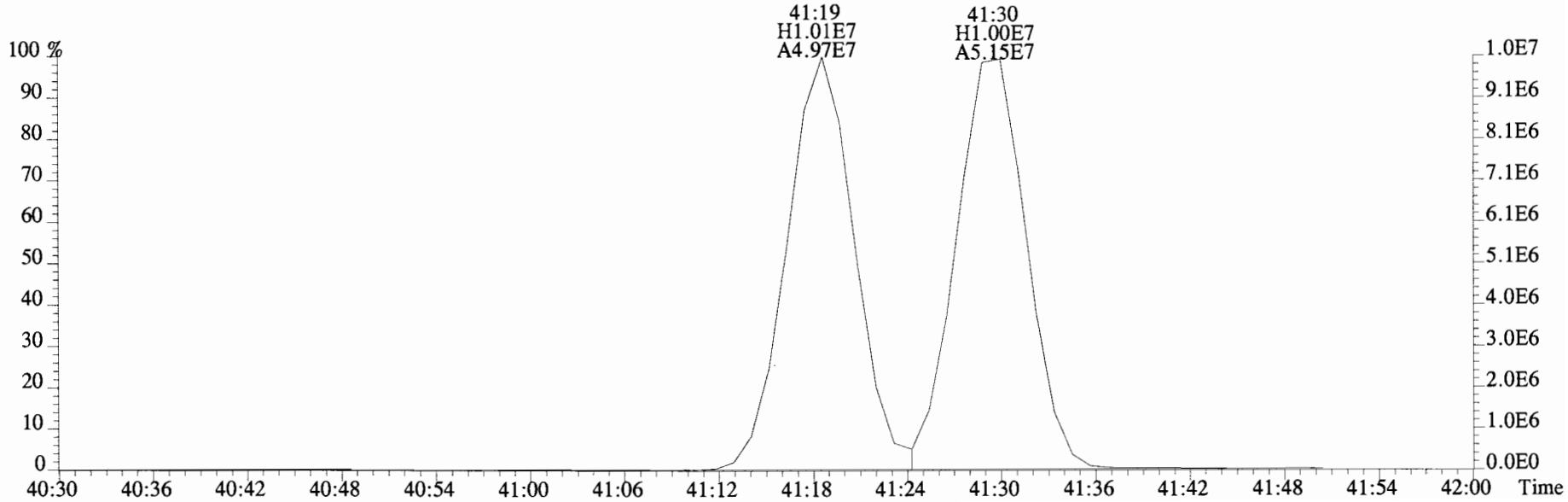
330.9792 S:4 F:3



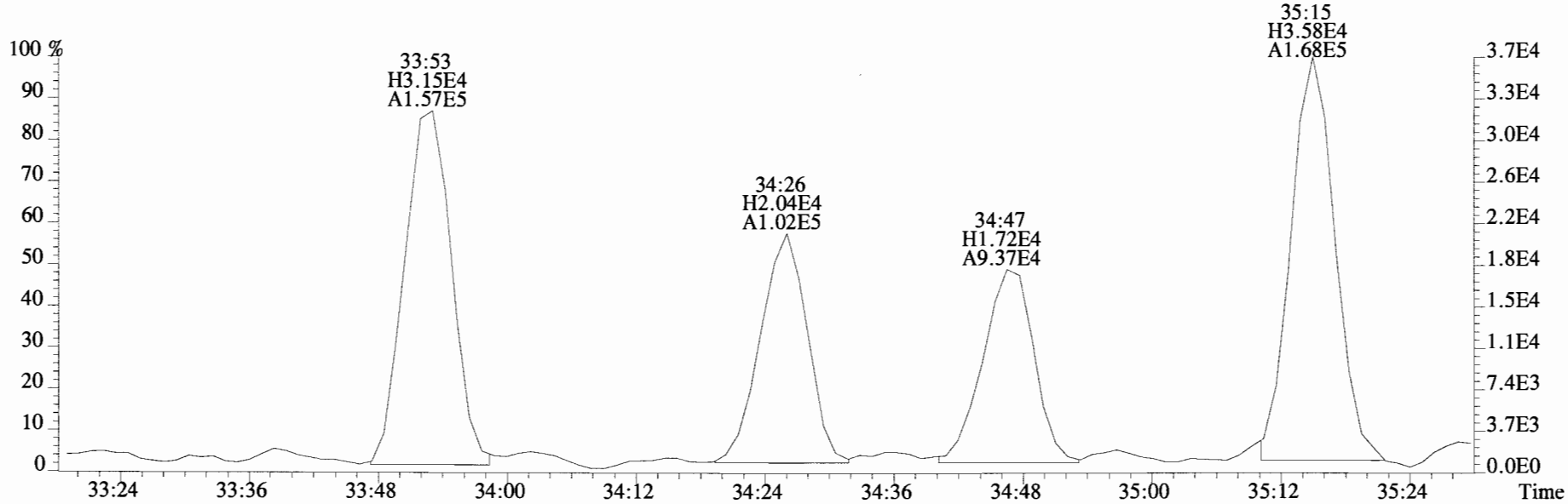
File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6588.0,0.00%,F,F)



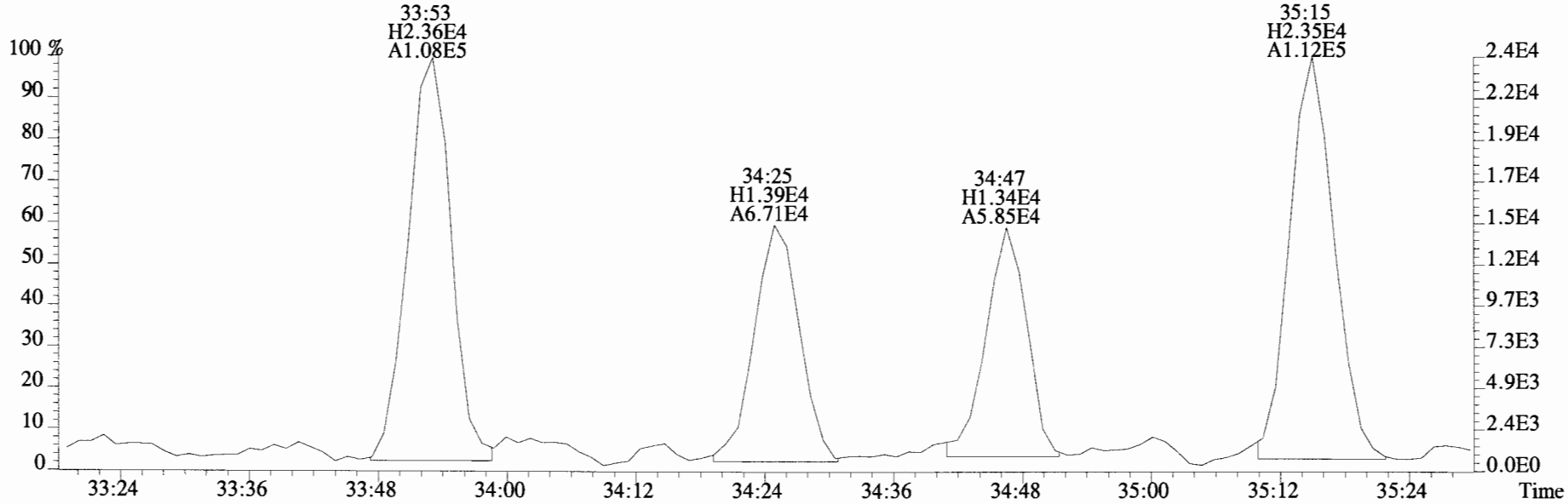
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5168.0,0.00%,F,F)



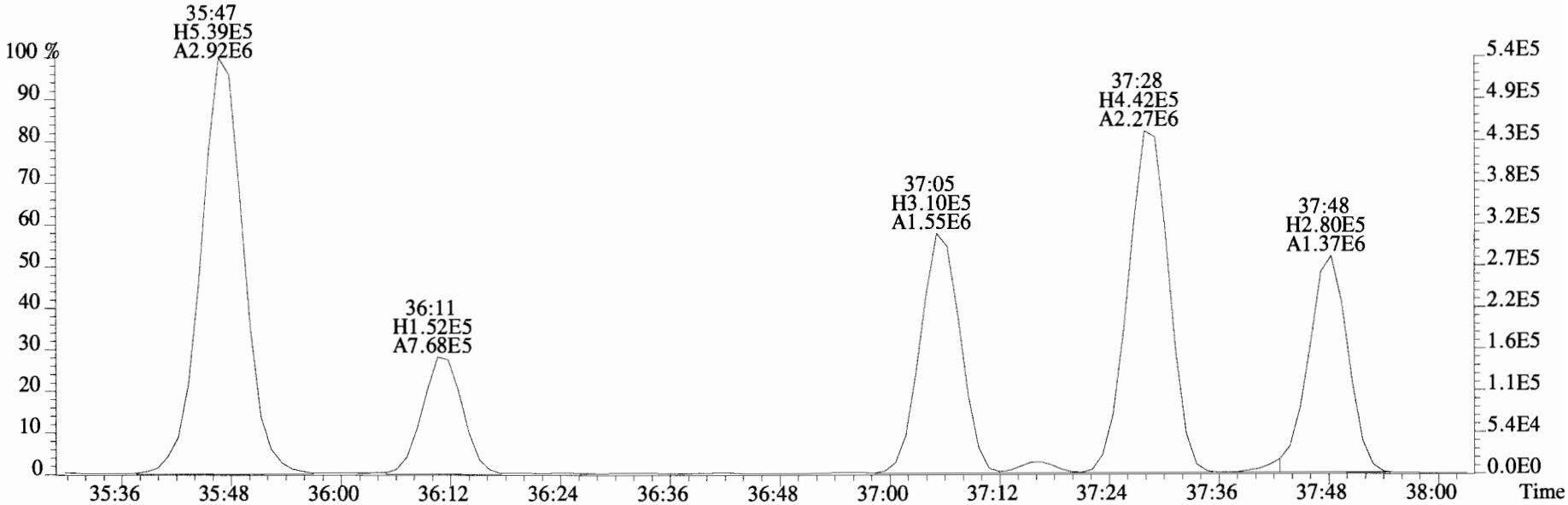
File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1940.0,0.00%,F,F)



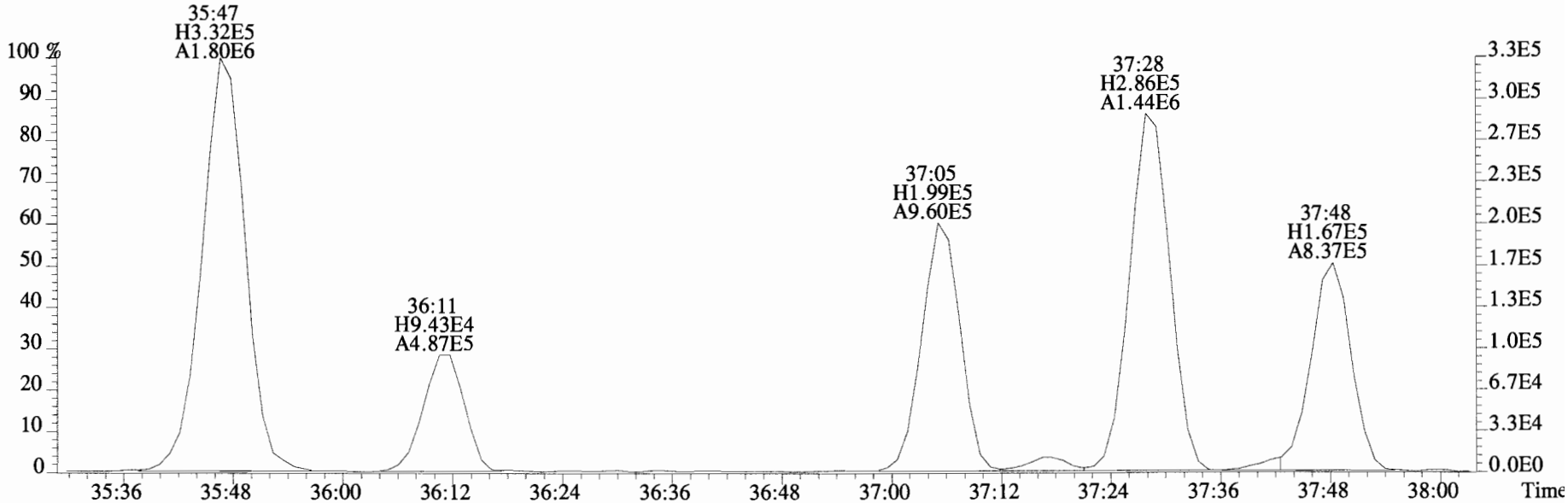
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1728.0,0.00%,F,F)



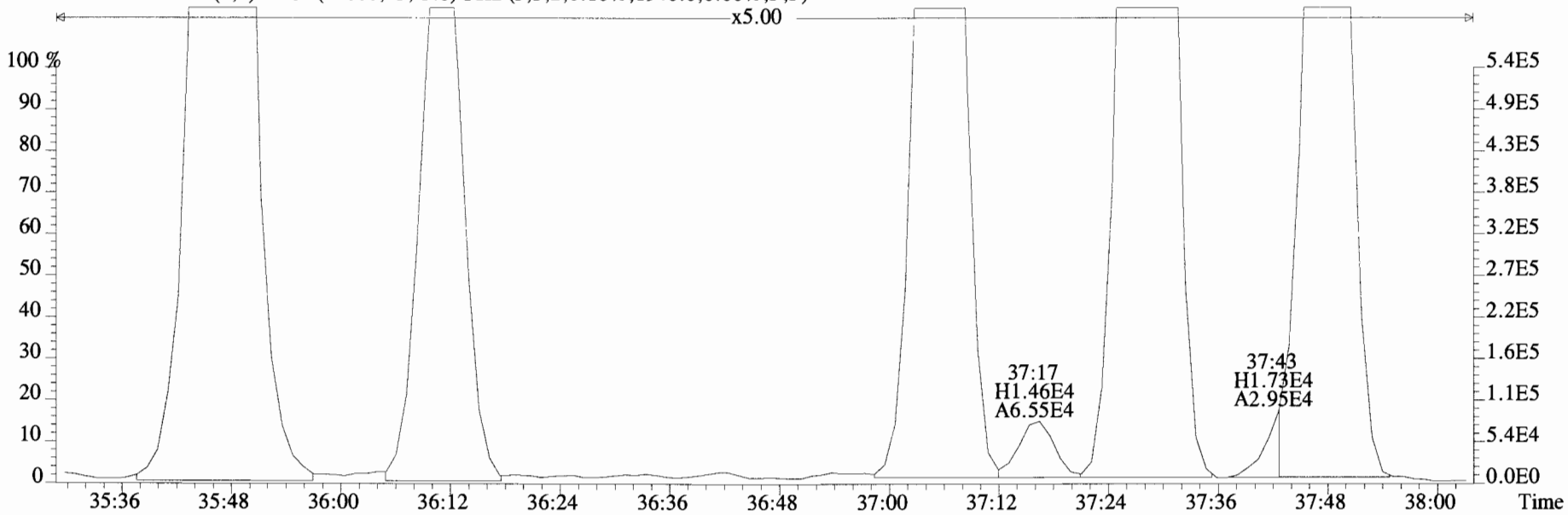
File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1940.0,0.00%,F,F)



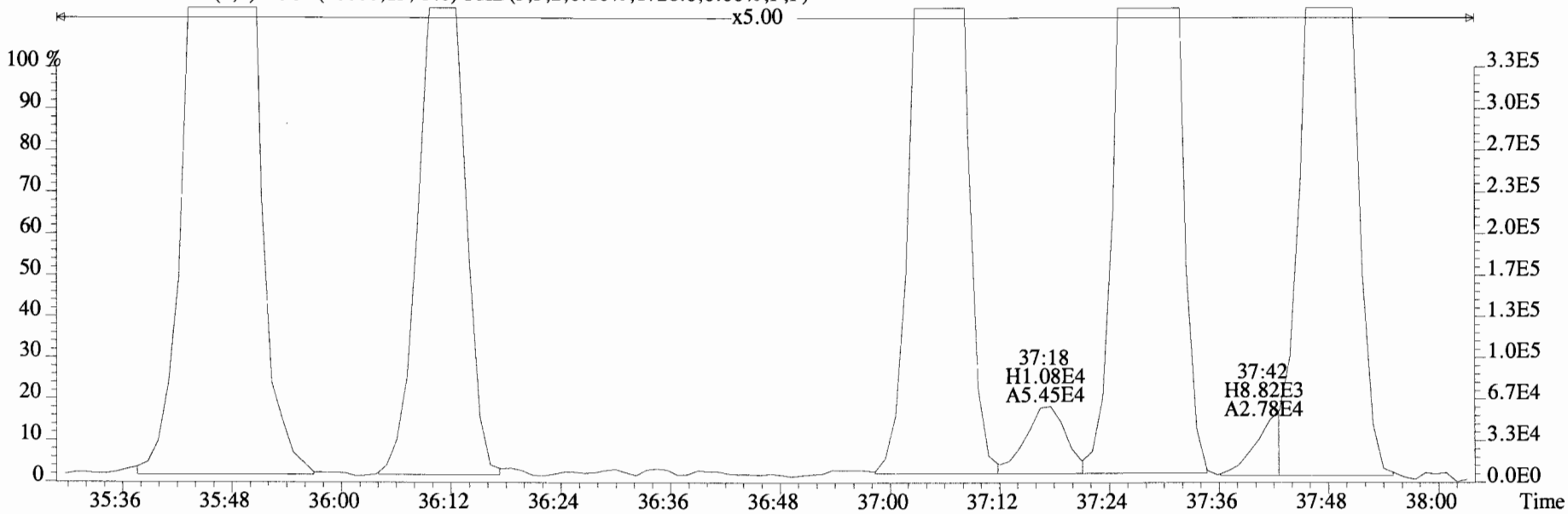
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1728.0,0.00%,F,F)



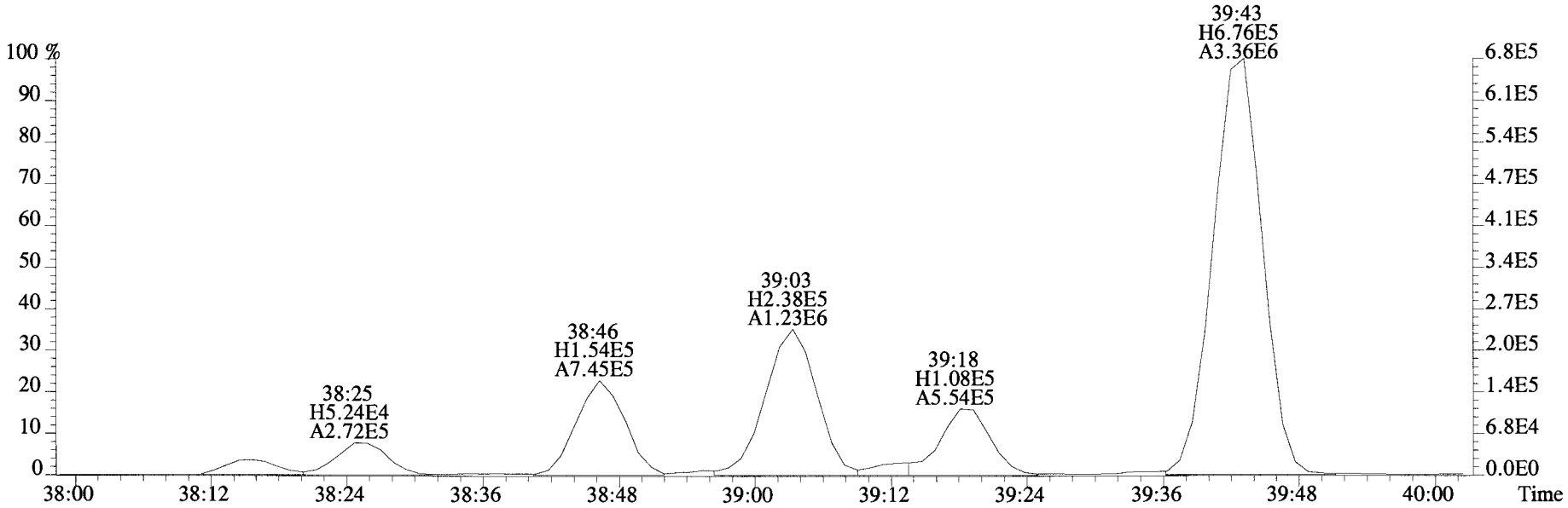
File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1940.0,0.00%,F,F)



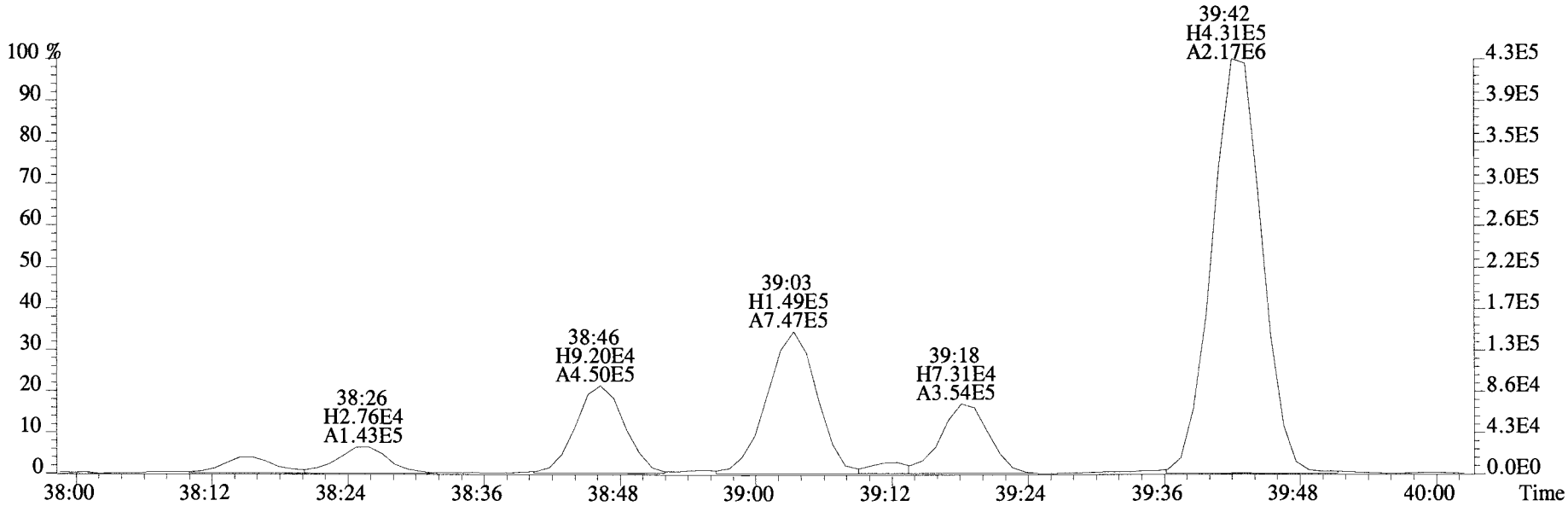
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1728.0,0.00%,F,F)



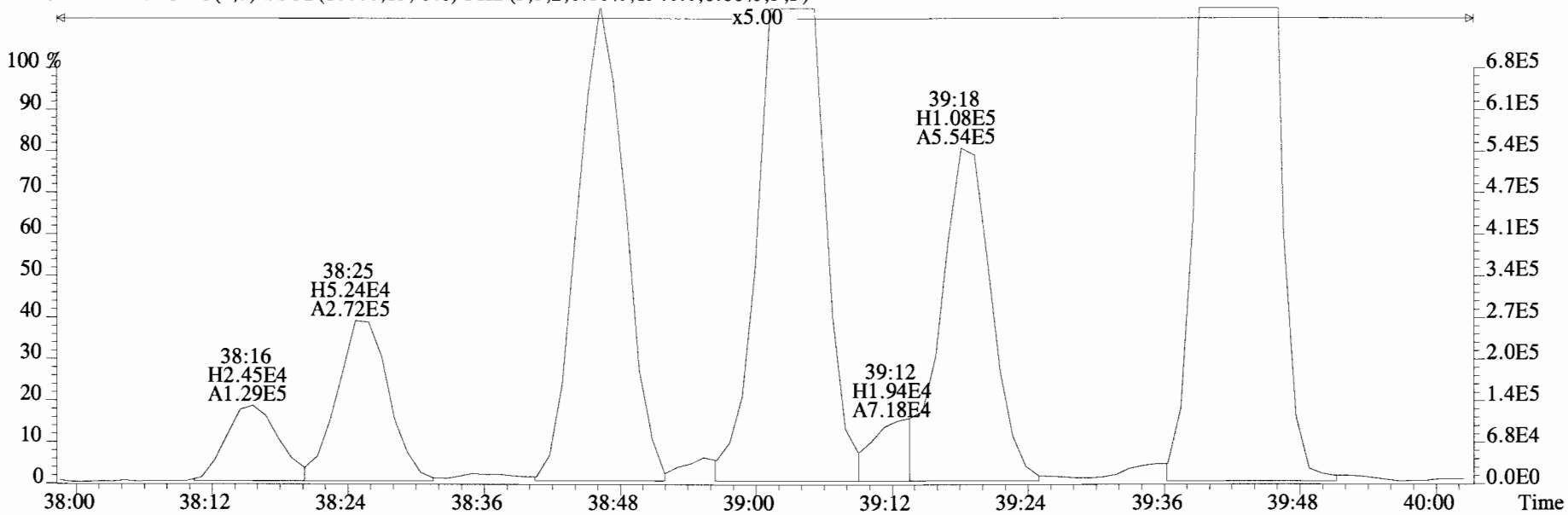
File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1940.0,0.00%,F,F)



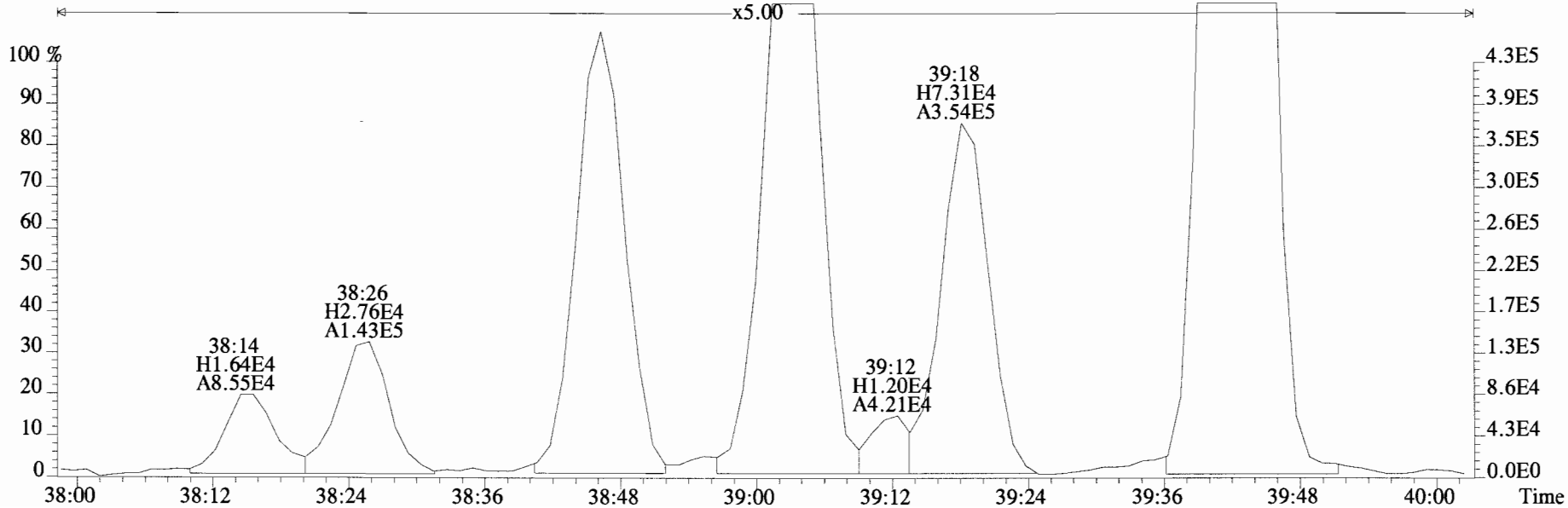
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1728.0,0.00%,F,F)



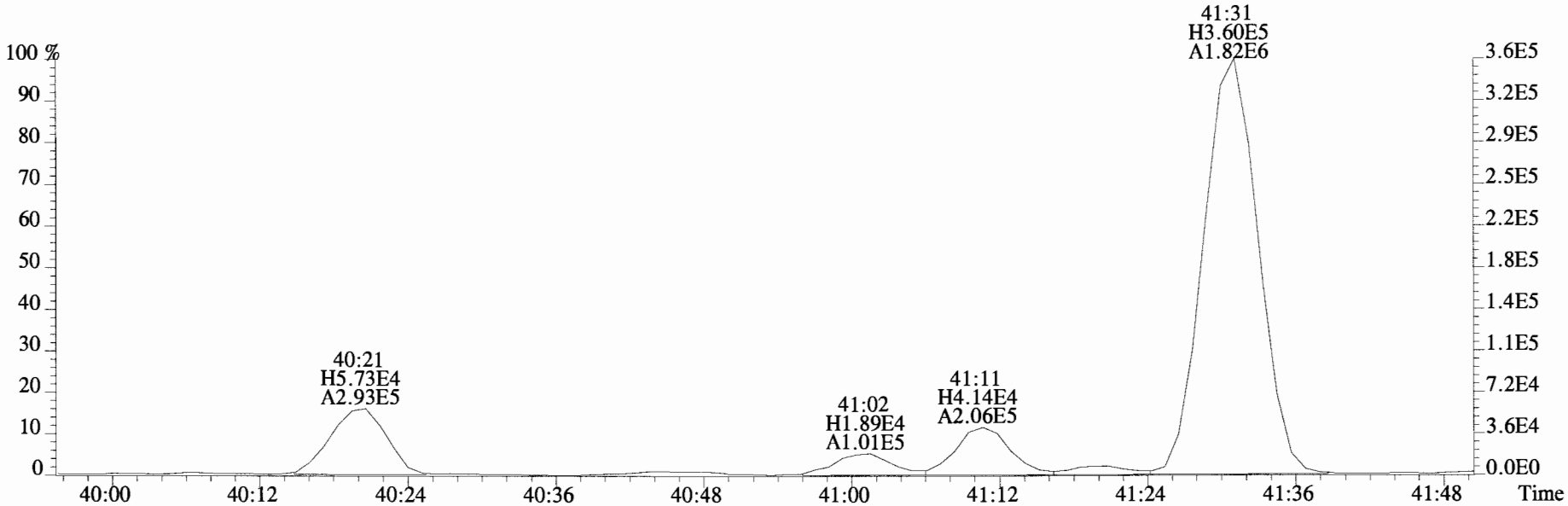
File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1940.0,0.00%,F,F)



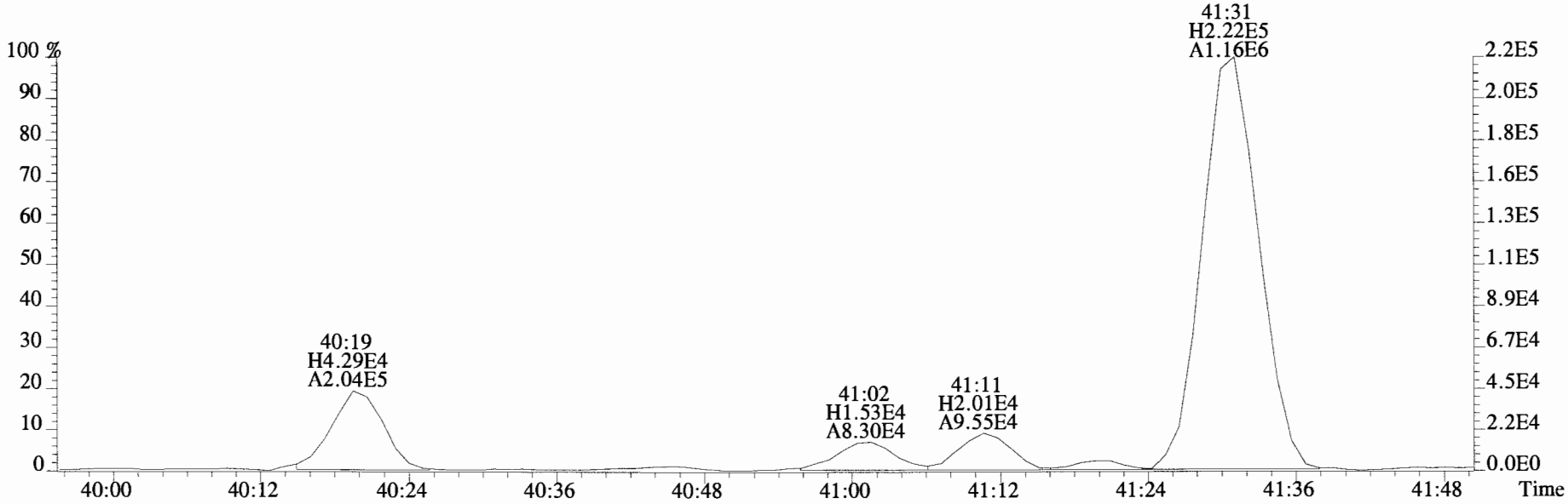
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1728.0,0.00%,F,F)



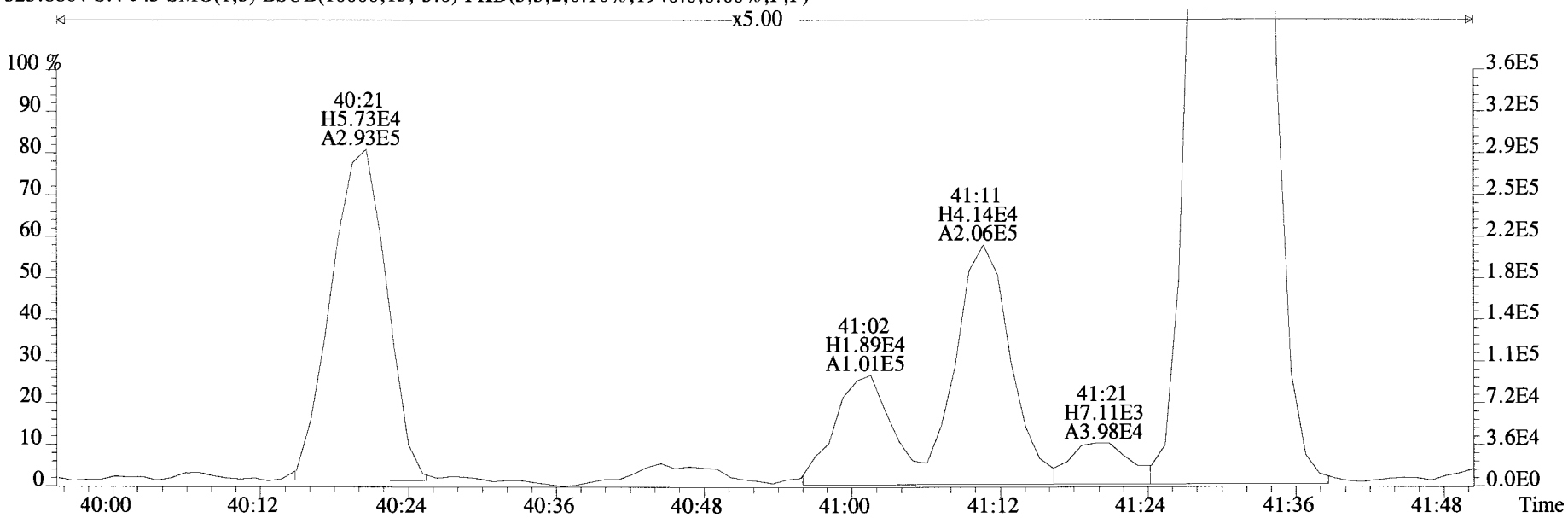
File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1940.0,0.00%,F,F)



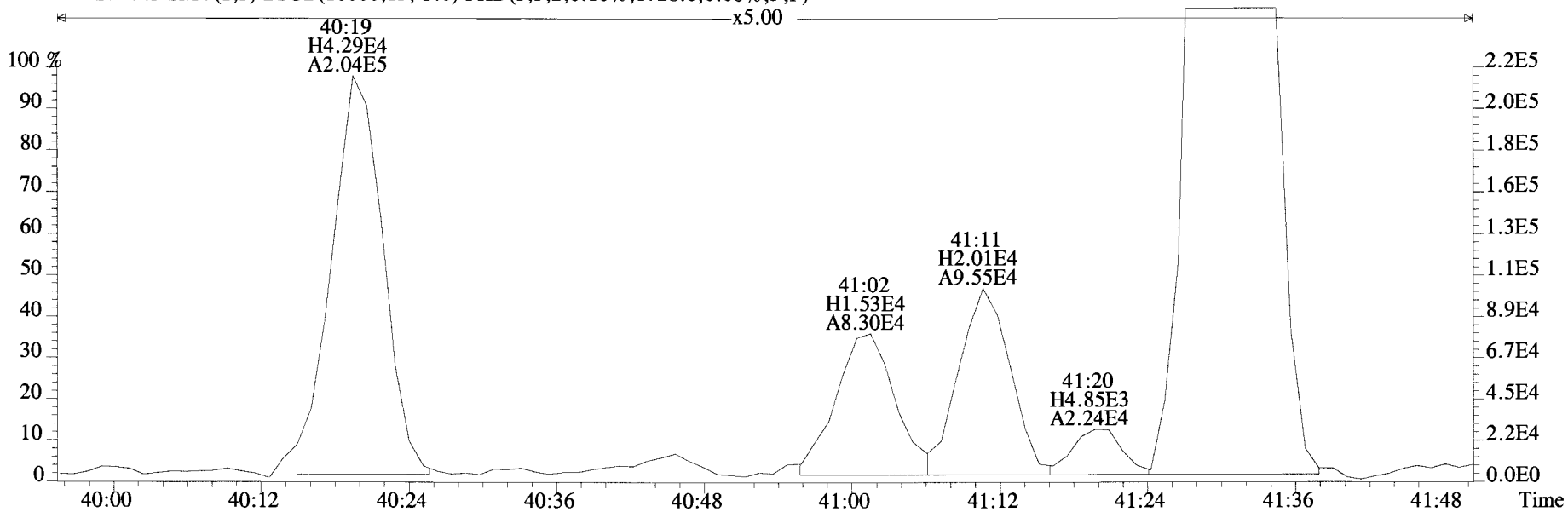
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1728.0,0.00%,F,F)



File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1940.0,0.00%,F,F)

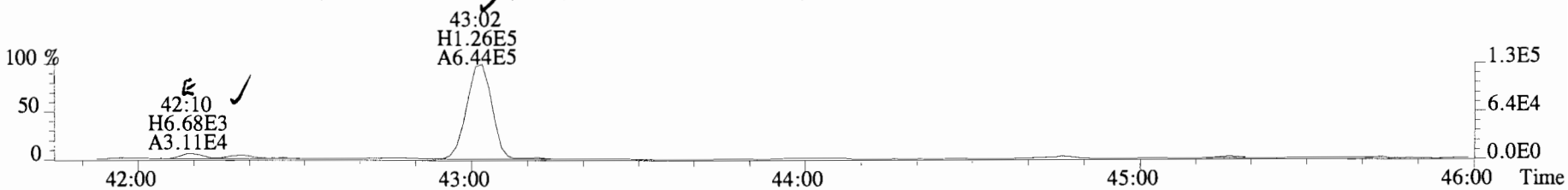


327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1728.0,0.00%,F,F)

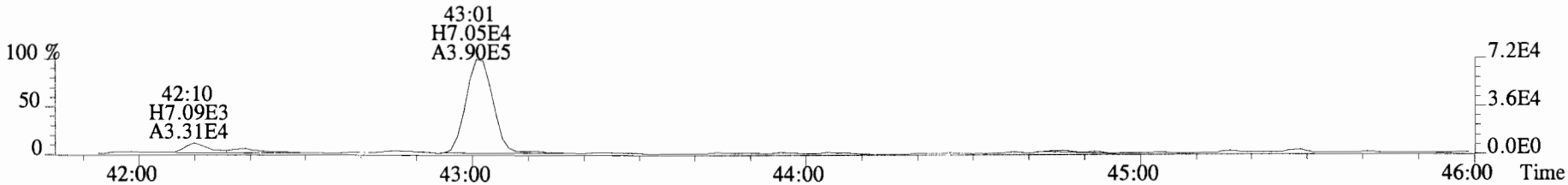


File:180303E1 #1-574 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1

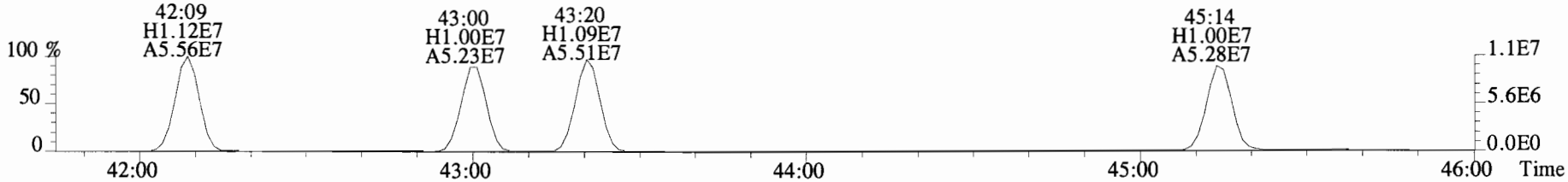
325.8804 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1728.0,0.00%,F,F)



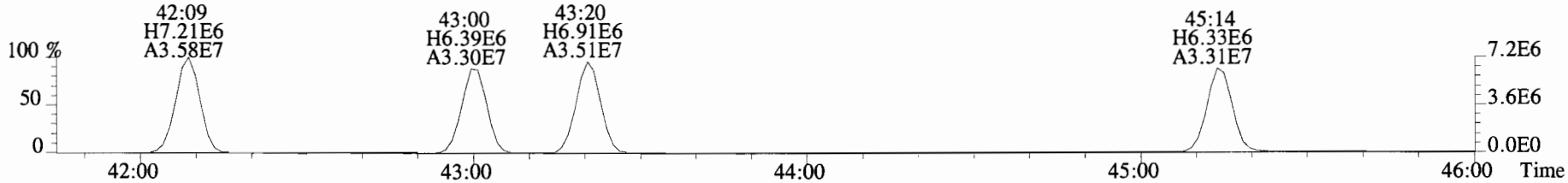
327.8775 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1640.0,0.00%,F,F)



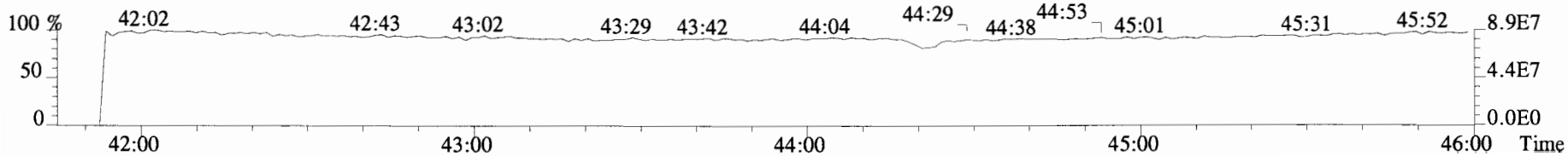
337.9207 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9488.0,0.00%,F,F)



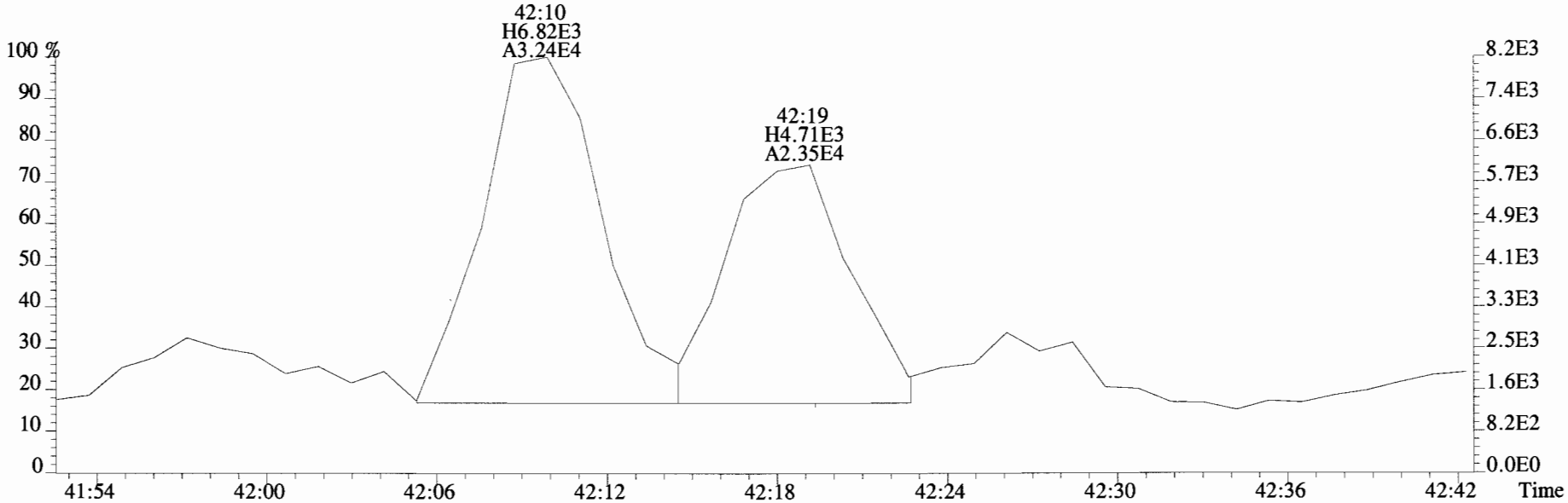
339.9177 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6256.0,0.00%,F,F)



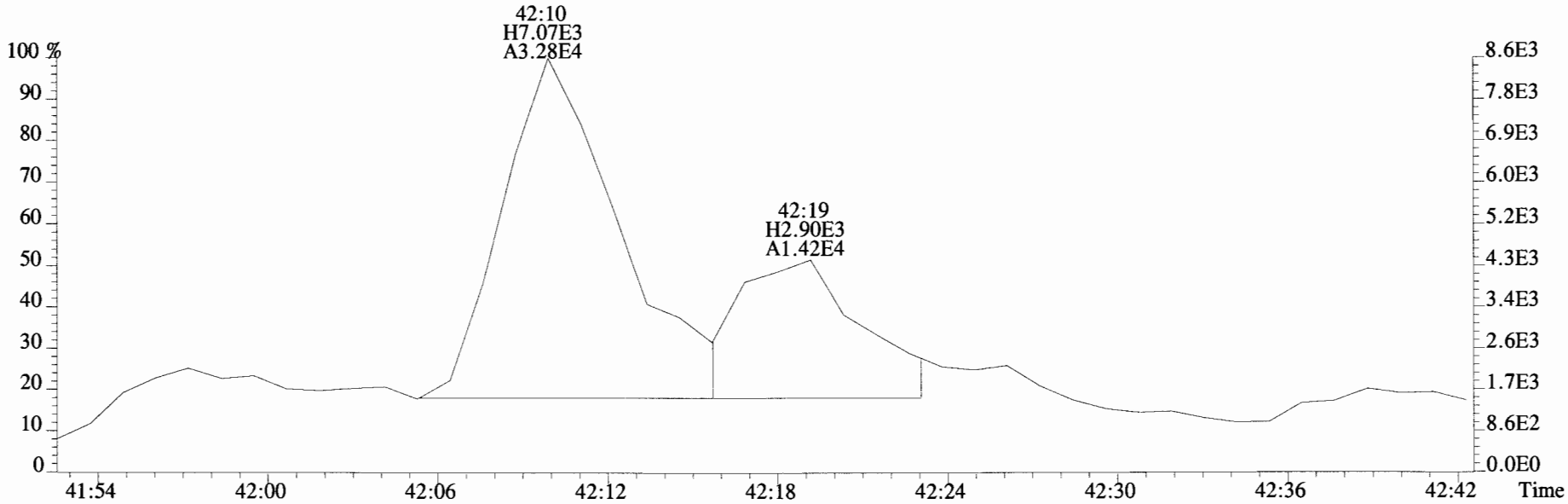
380.9760 S:4 F:4



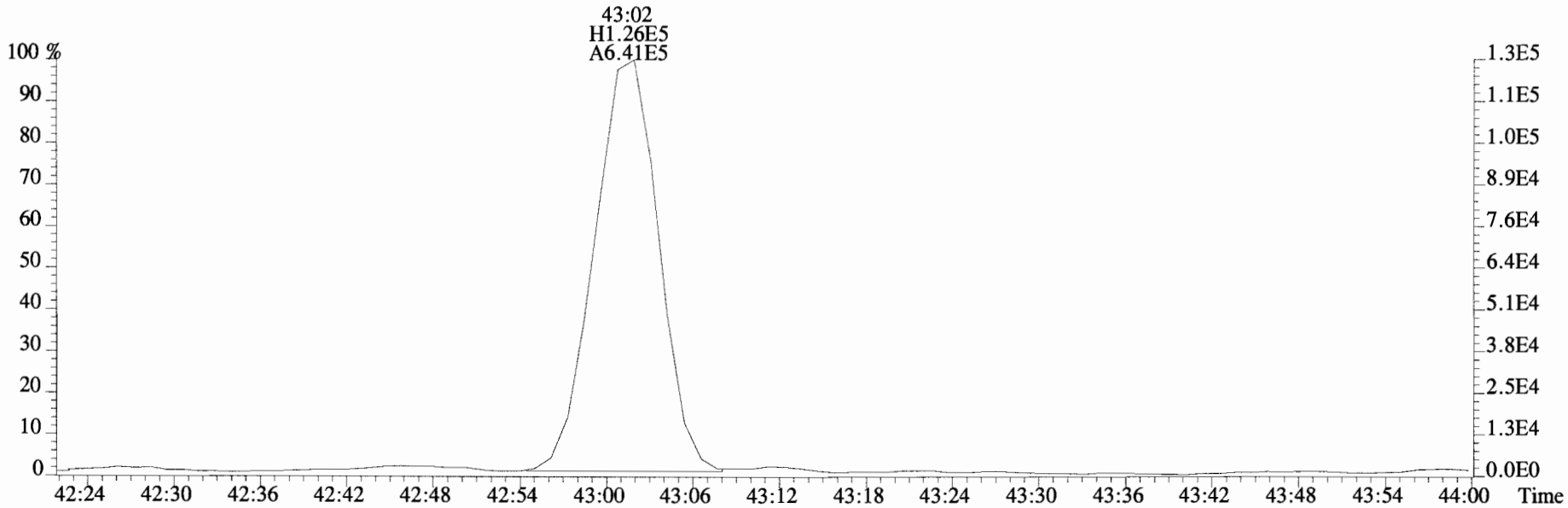
File:180303E1 #1-574 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
325.8804 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1728.0,0.00%,F,F)



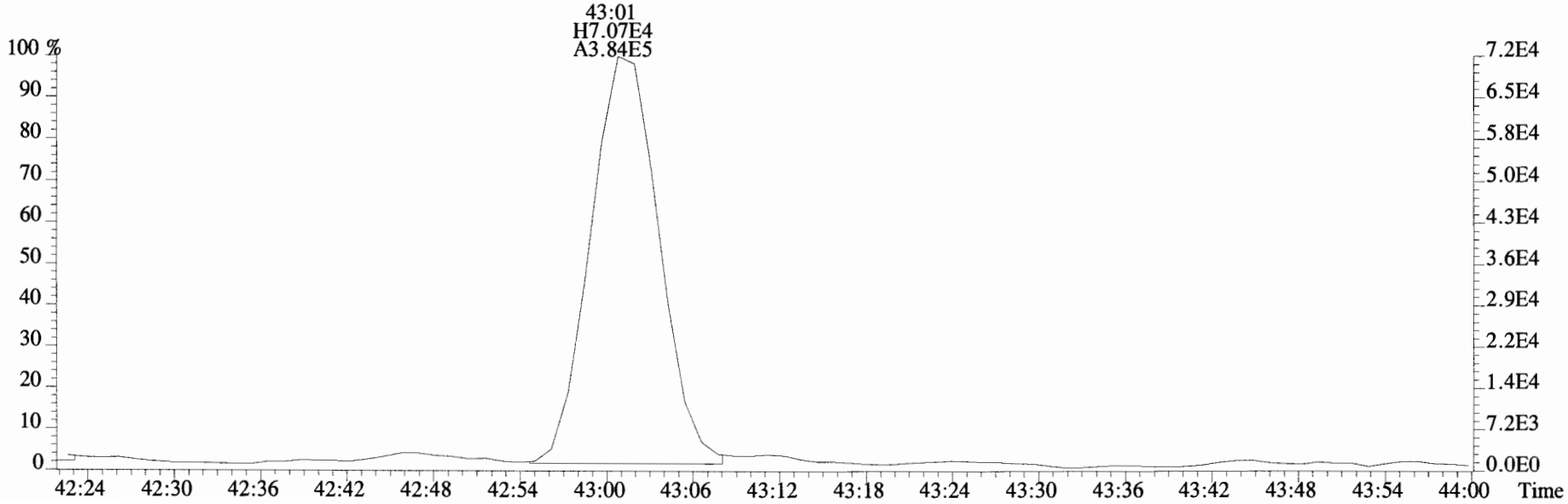
327.8775 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1640.0,0.00%,F,F)



File:180303E1 #1-574 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
325.8804 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1728.0,0.00%,F,F)

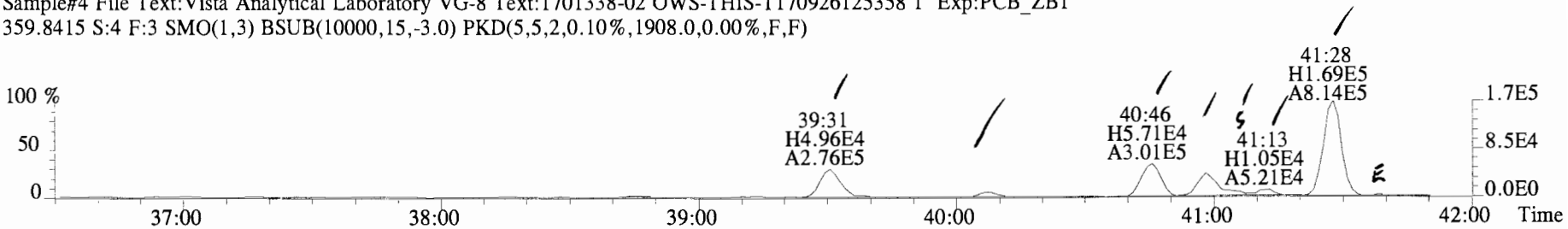


327.8775 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1640.0,0.00%,F,F)

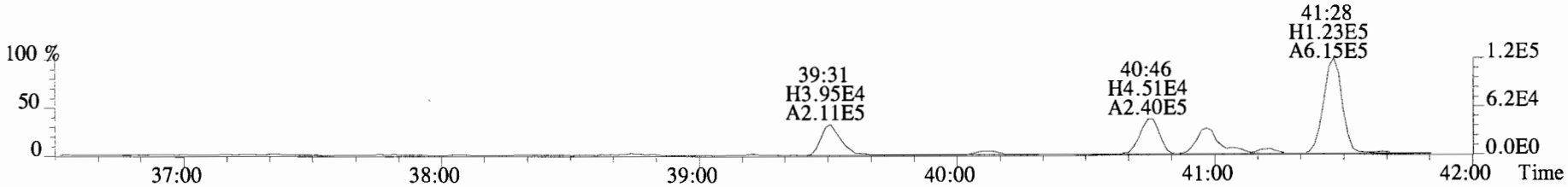


File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1

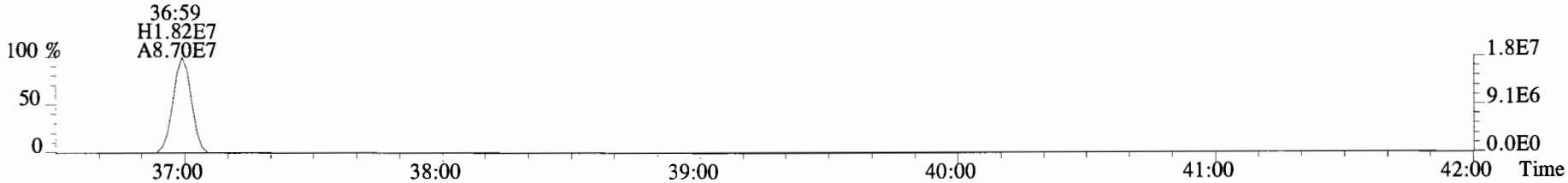
359.8415 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1908.0,0.00%,F,F)



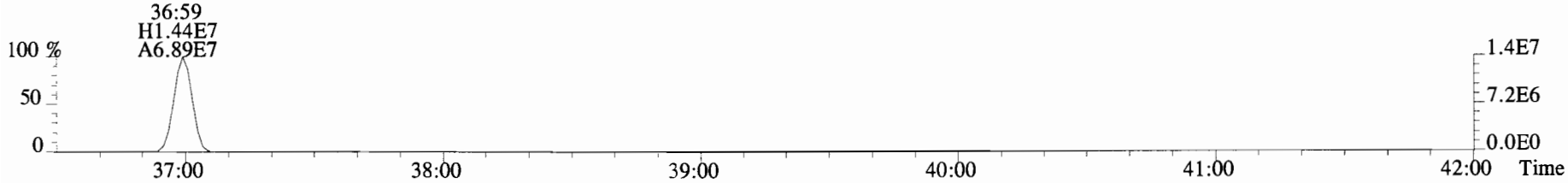
361.8385 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1952.0,0.00%,F,F)



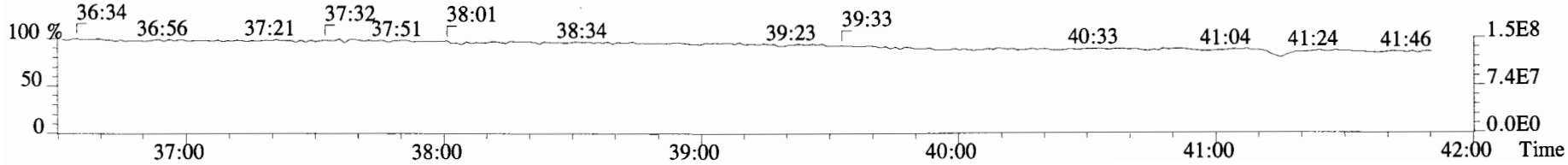
371.8817 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2336.0,0.00%,F,F)



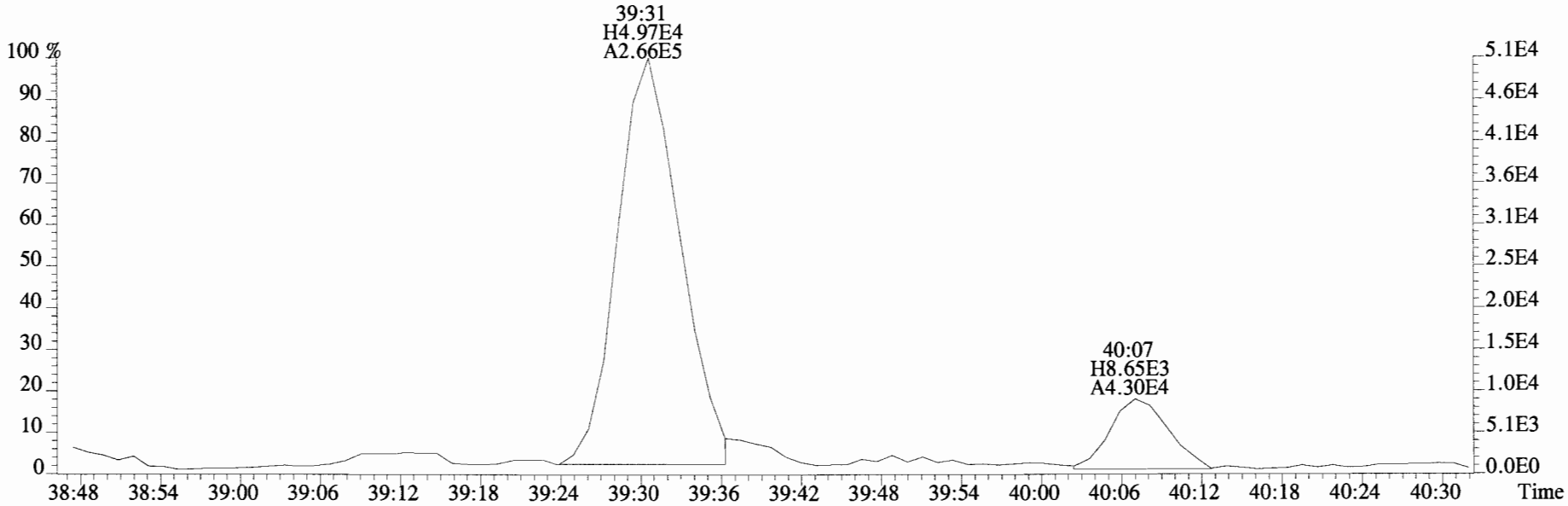
373.8788 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2936.0,0.00%,F,F)



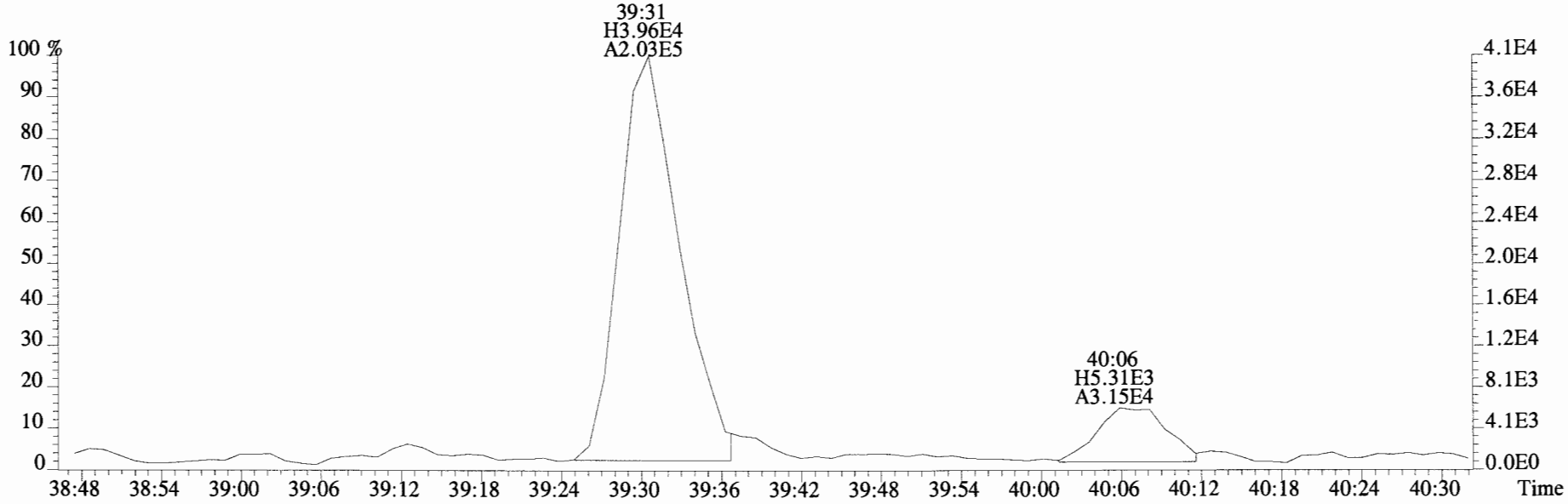
330.9792 S:4 F:3



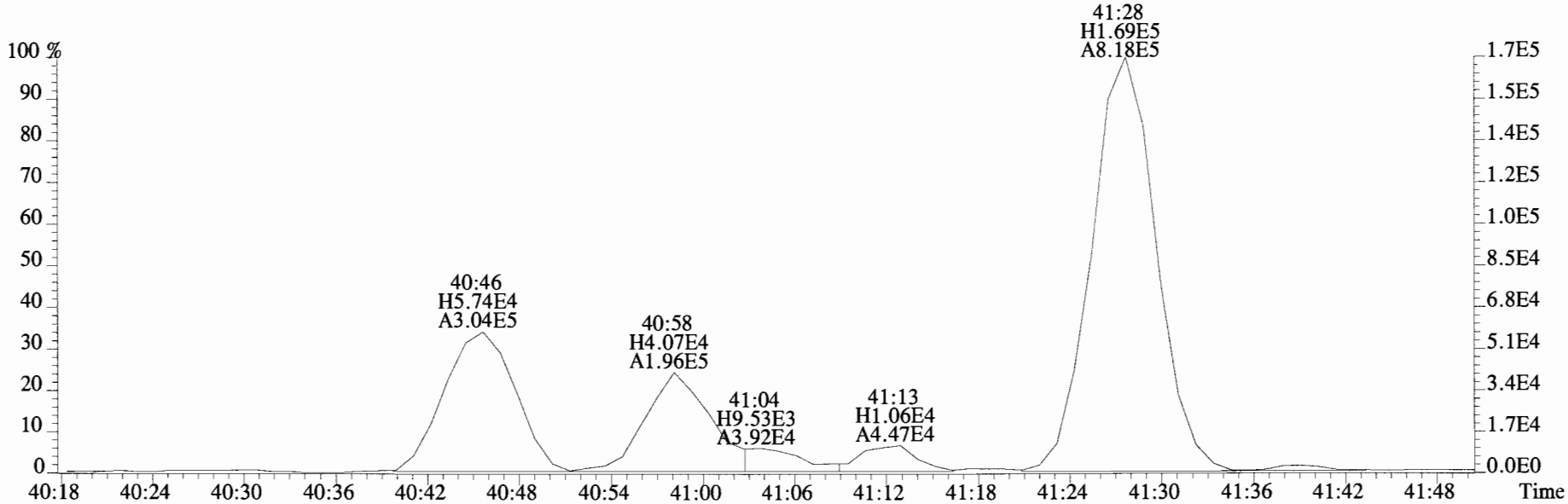
File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
359.8415 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1908.0,0.00%,F,F)



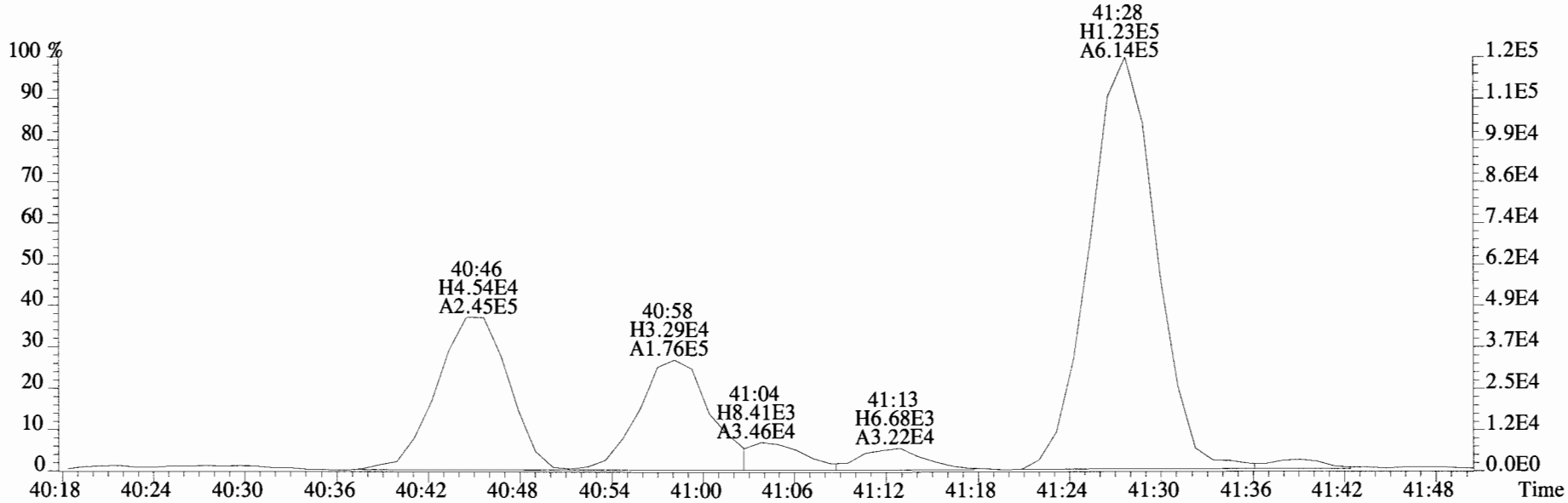
361.8385 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1952.0,0.00%,F,F)



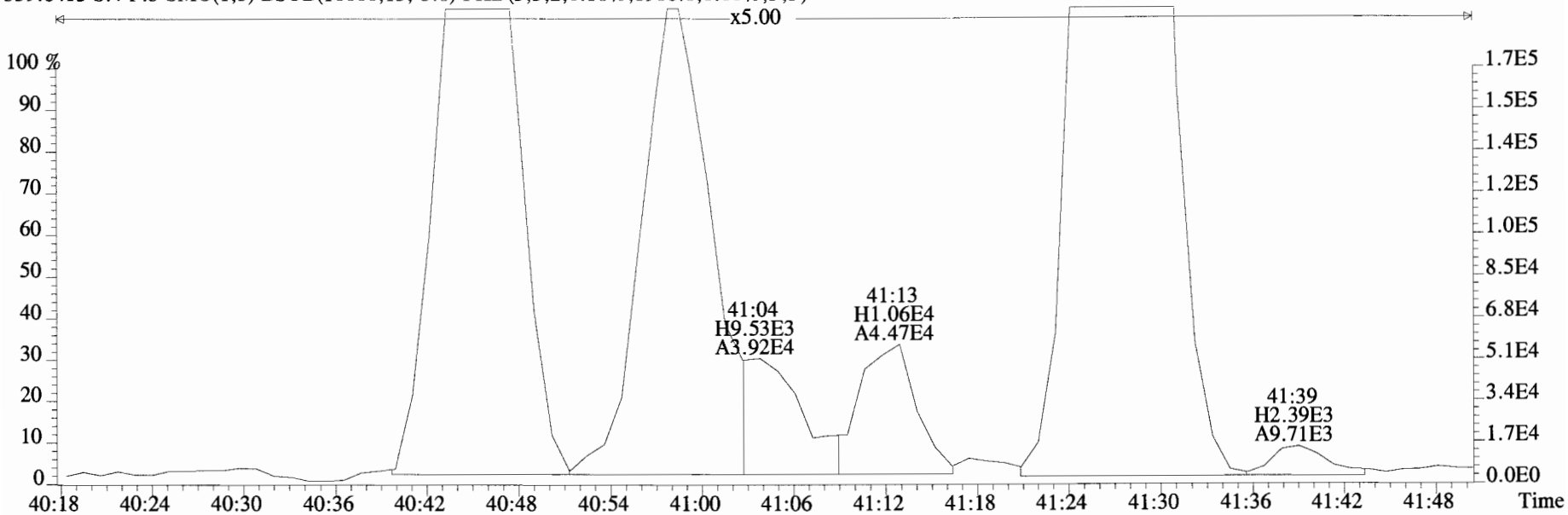
File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
359.8415 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1908.0,0.00%,F,F)



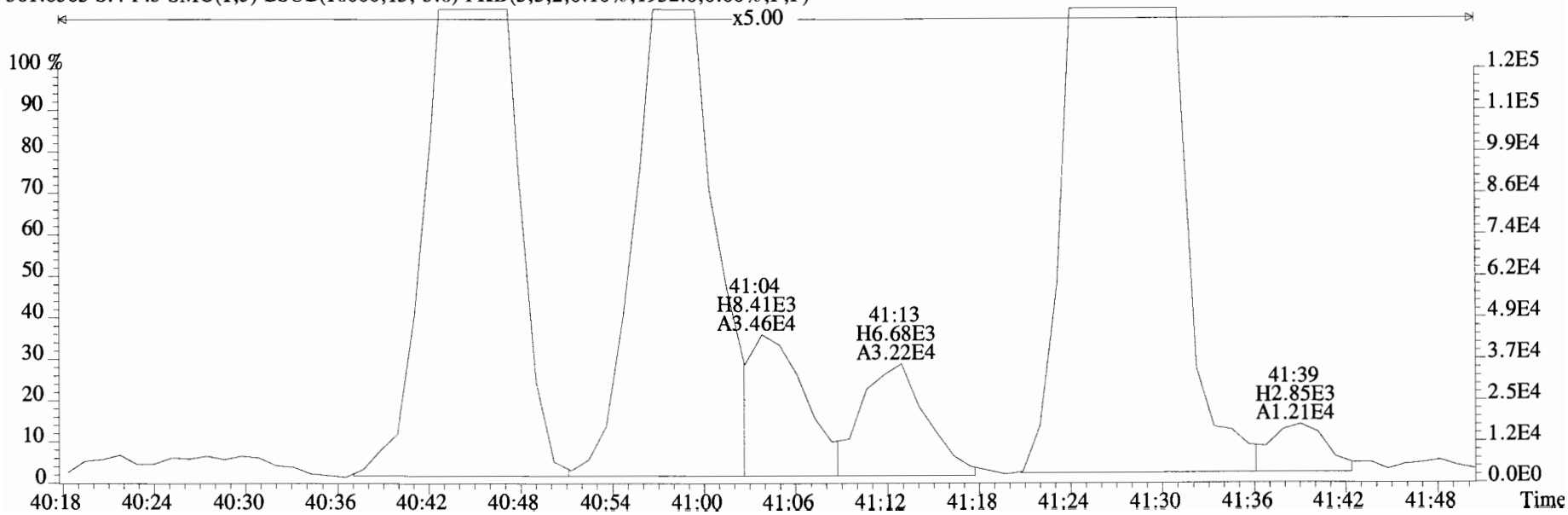
361.8385 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1952.0,0.00%,F,F)



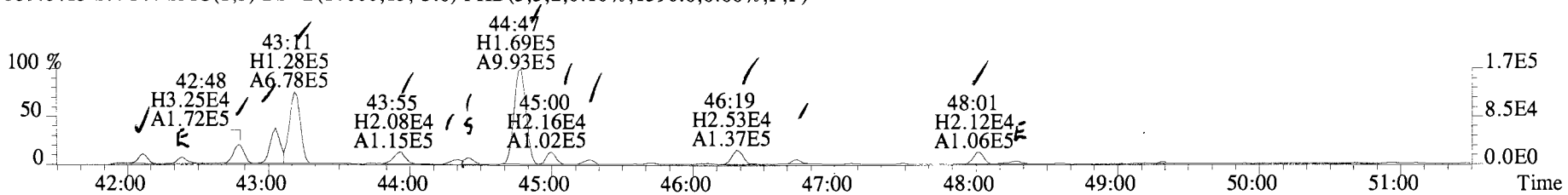
File:180303E1 #1-756 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
359.8415 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1908.0,0.00%,F,F)



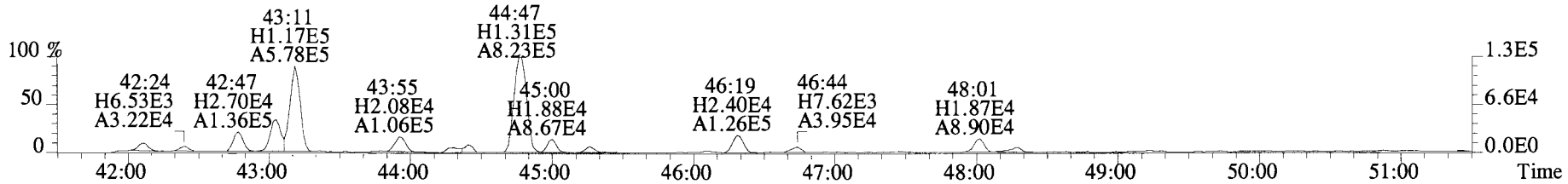
361.8385 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1952.0,0.00%,F,F)



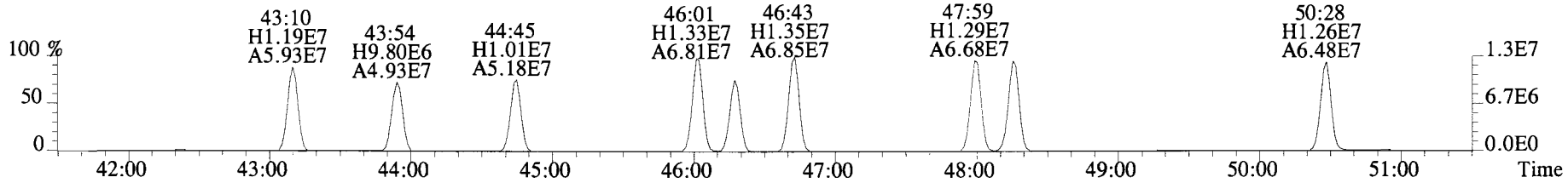
File:180303E1 #1-574 Acq: 3-MAR-2018 16:22:27 GC El+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
359.8415 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1596.0,0.00%,F,F)



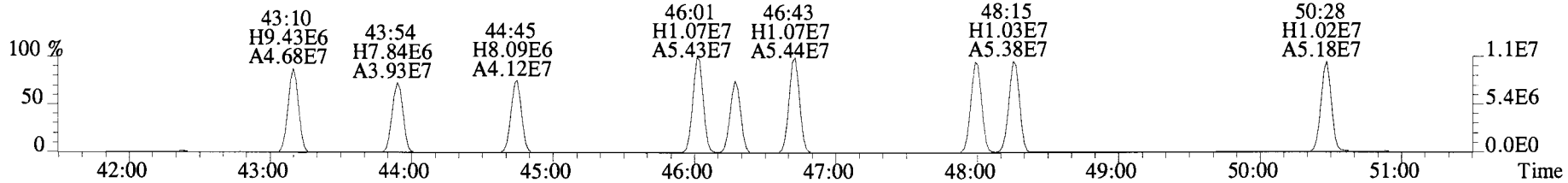
361.8385 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1892.0,0.00%,F,F)



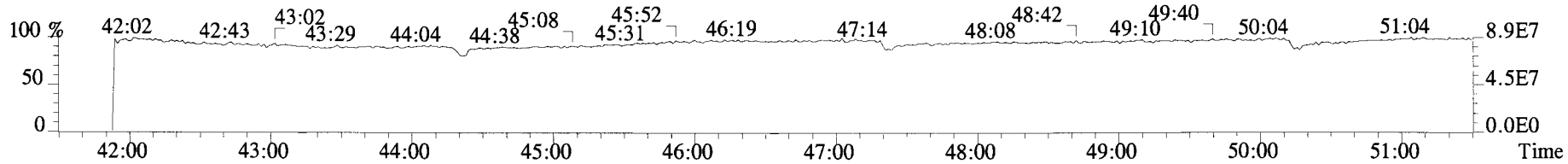
371.8817 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14532.0,0.00%,F,F)



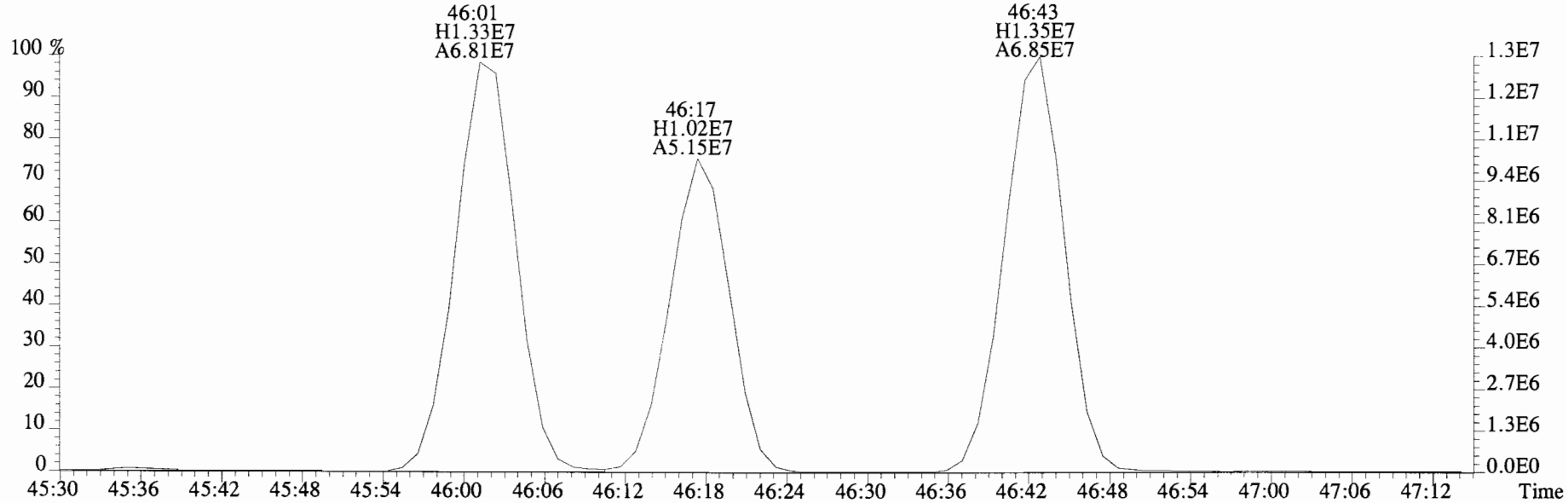
373.8788 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13192.0,0.00%,F,F)



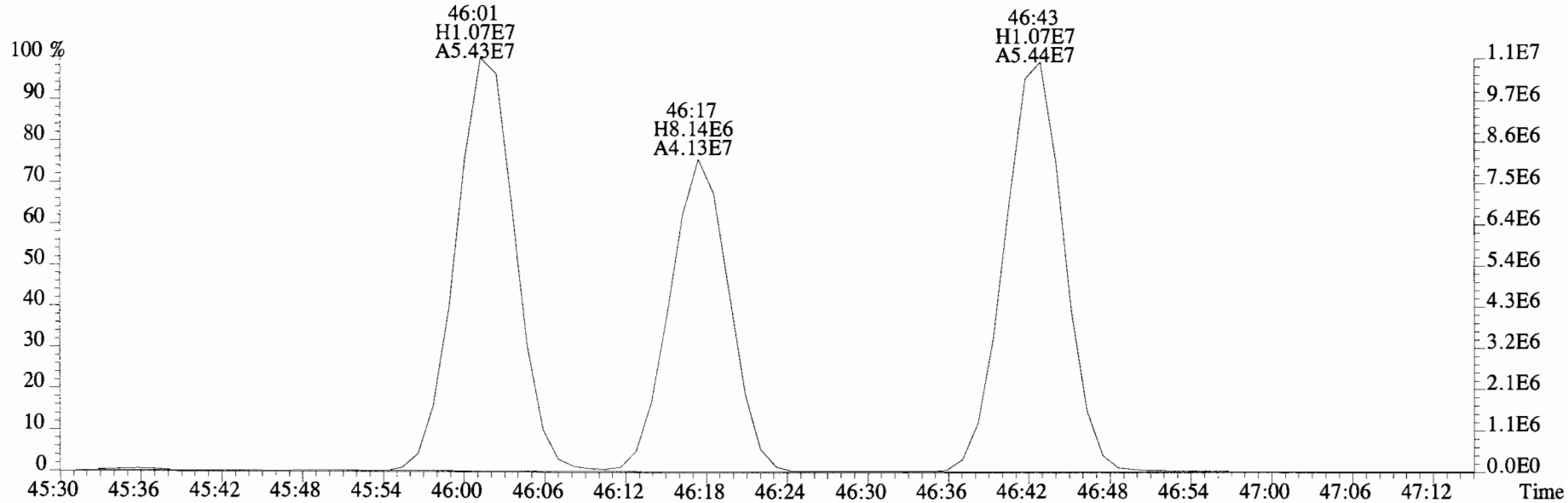
380.9760 S:4 F:4



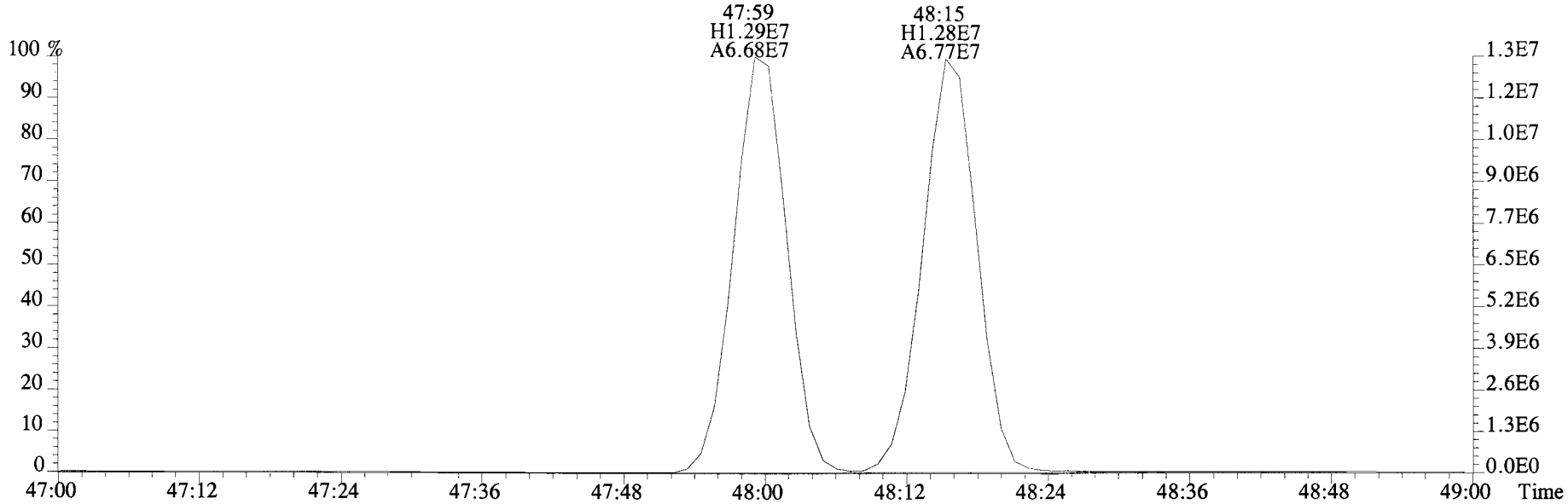
File:180303E1 #1-574 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
371.8817 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14532.0,0.00%,F,F)



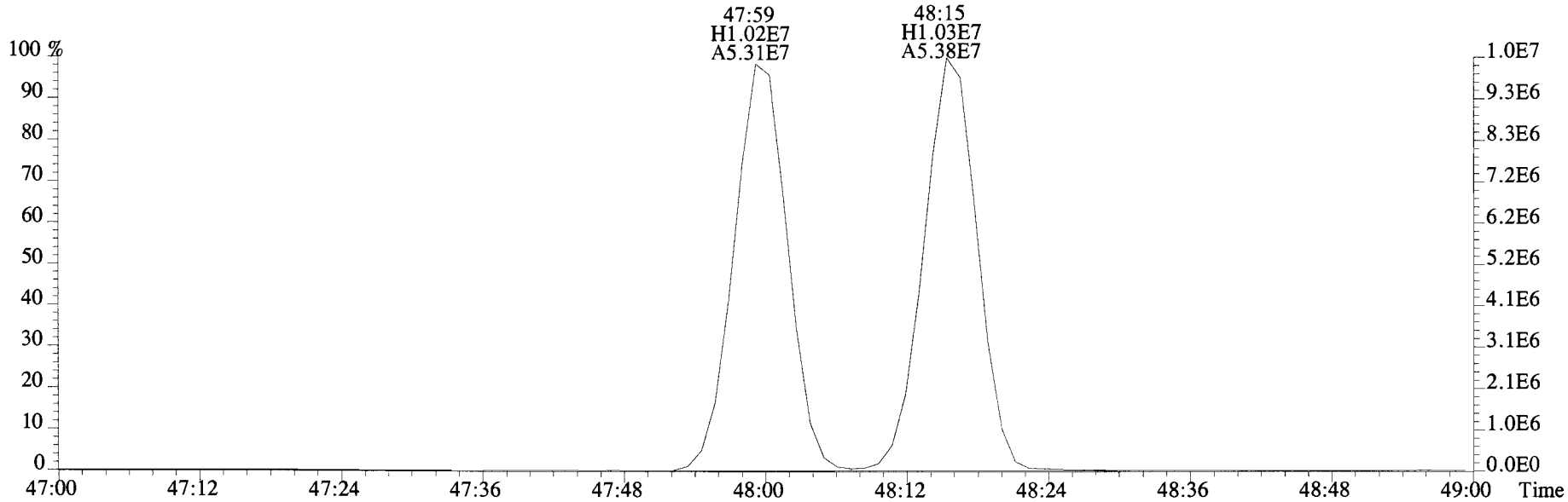
373.8788 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13192.0,0.00%,F,F)



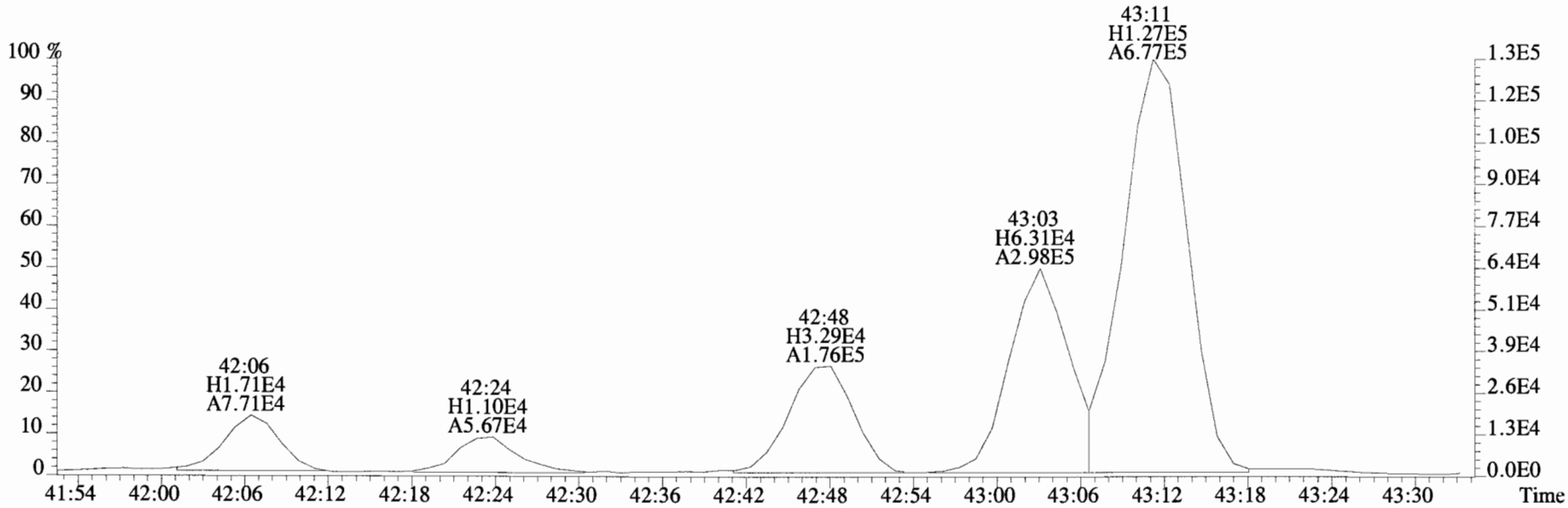
File:180303E1 #1-574 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
371.8817 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14532.0,0.00%,F,F)



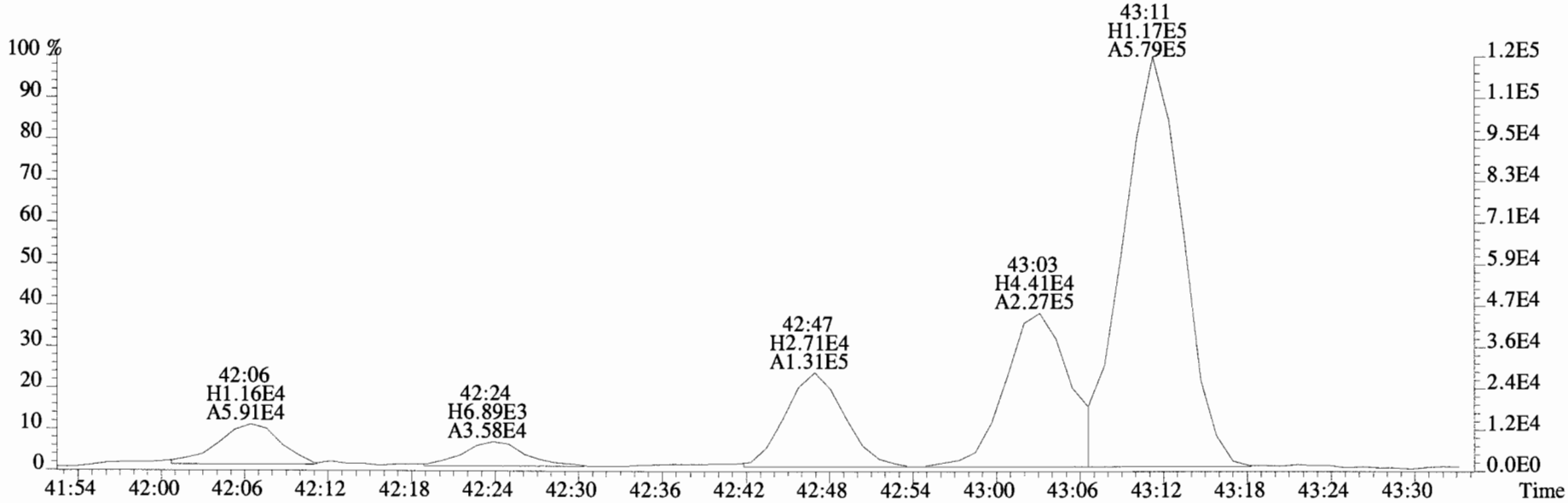
373.8788 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13192.0,0.00%,F,F)



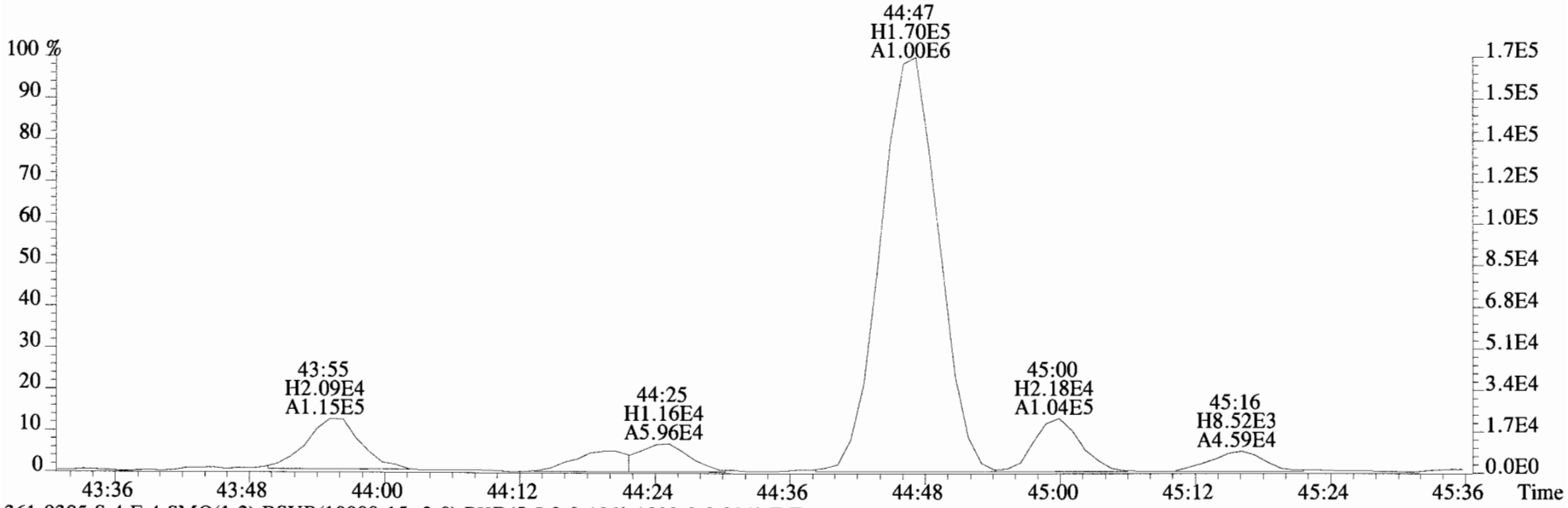
File:180303E1 #1-574 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
359.8415 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1596.0,0.00%,F,F)



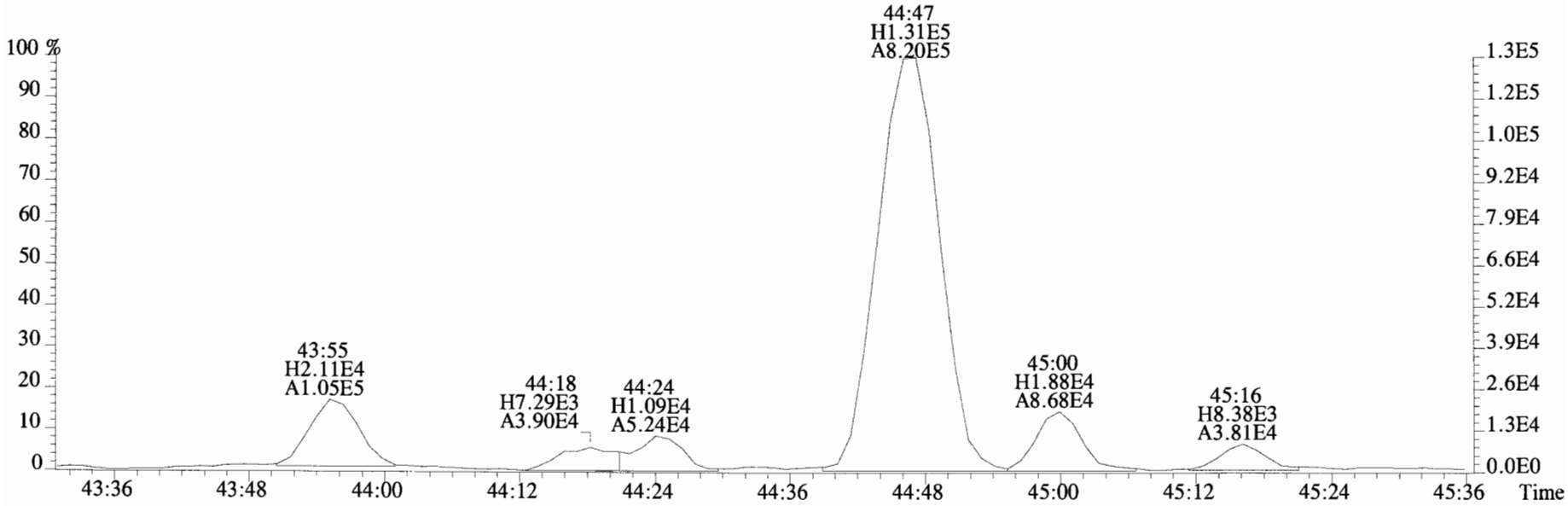
361.8385 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1892.0,0.00%,F,F)



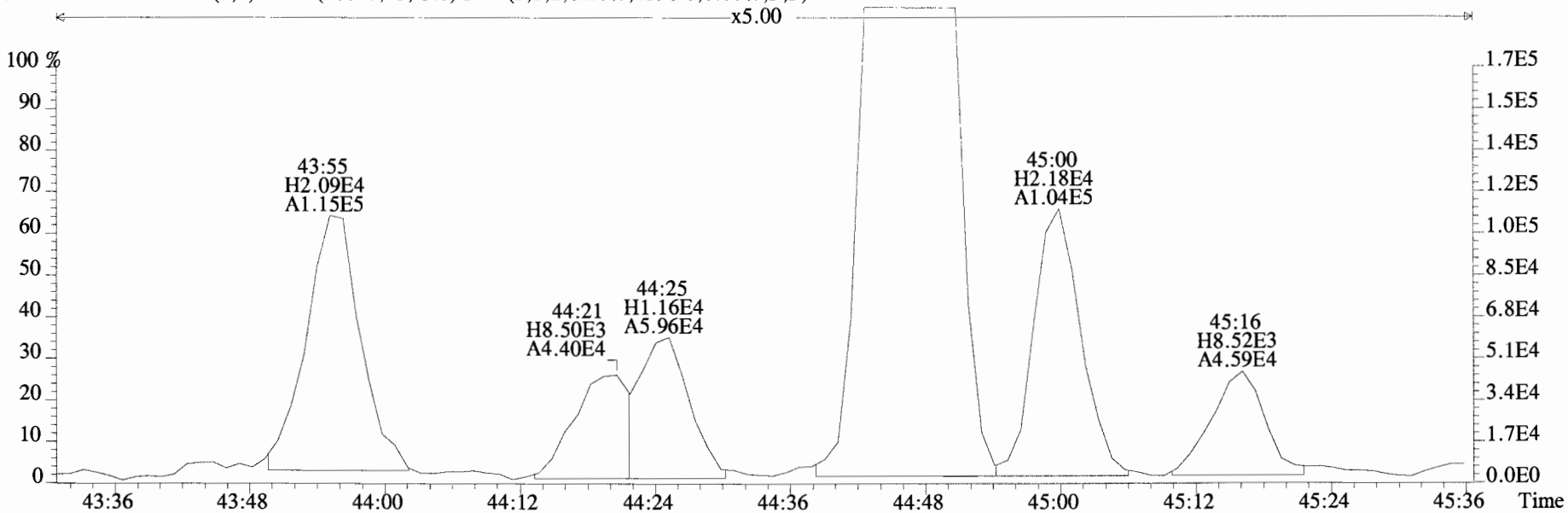
File:180303E1 #1-574 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
359.8415 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1596.0,0.00%,F,F)



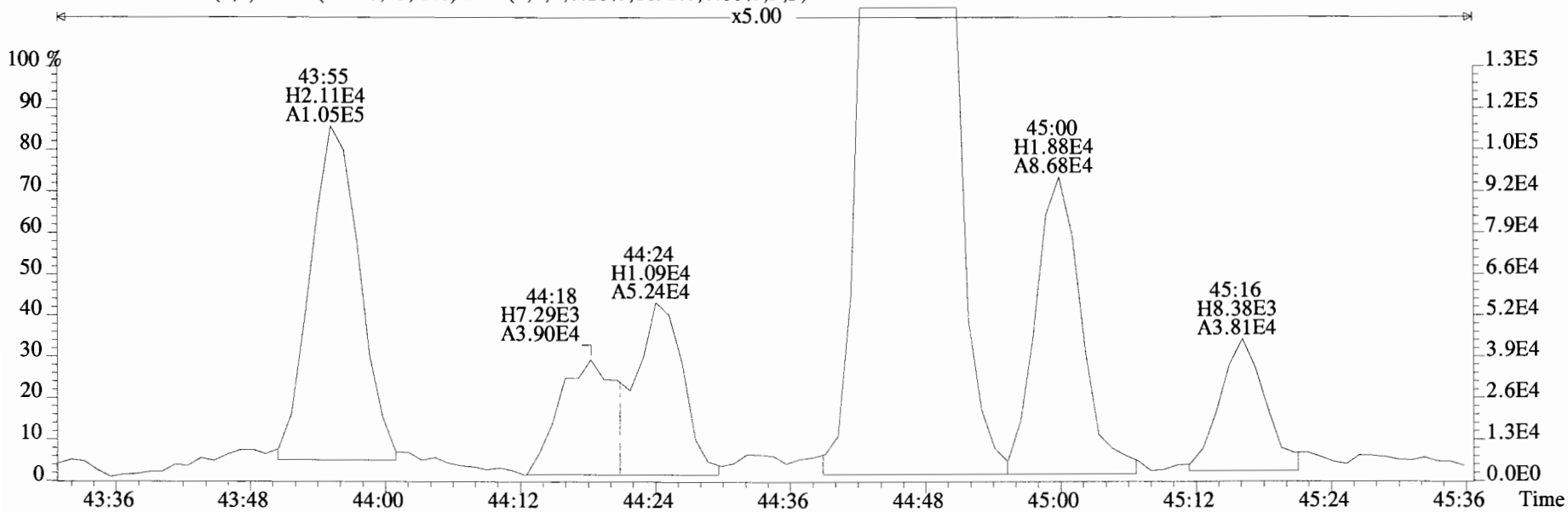
361.8385 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1892.0,0.00%,F,F)



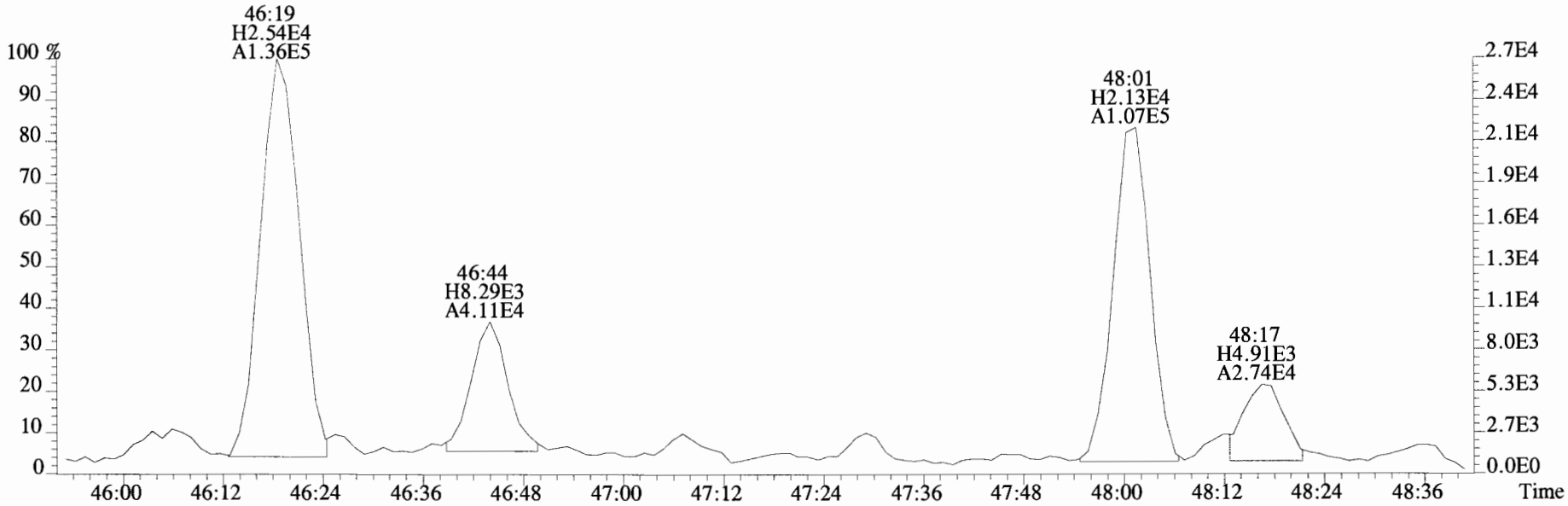
File:180303E1 #1-574 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
359.8415 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1596.0,0.00%,F,F)



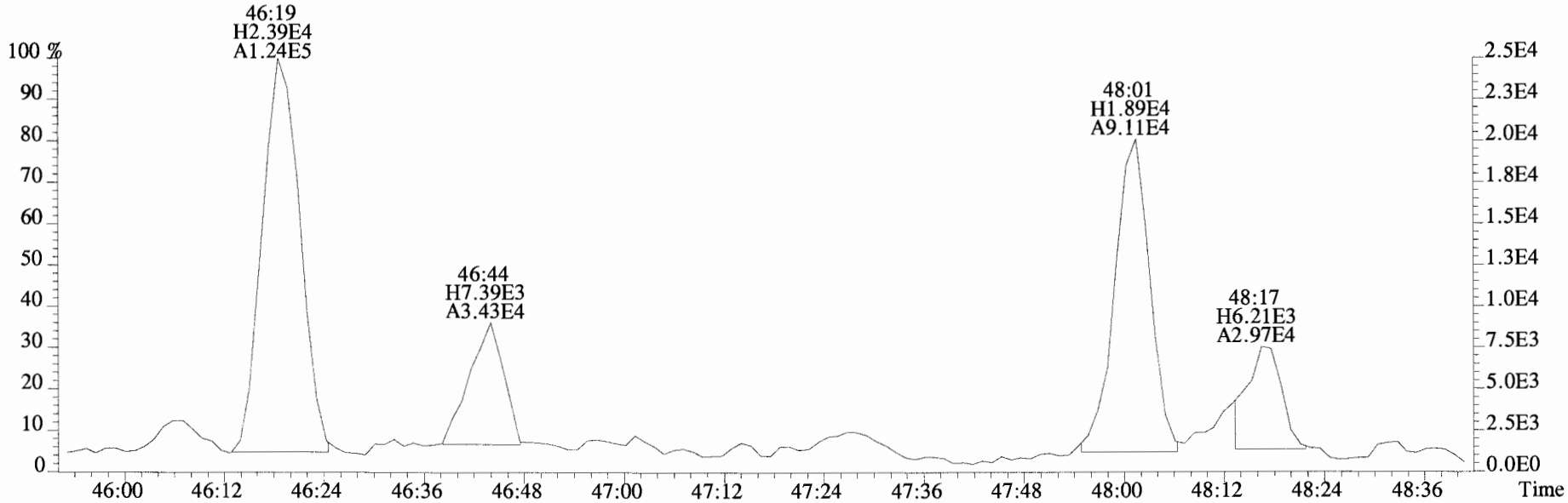
361.8385 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1892.0,0.00%,F,F)



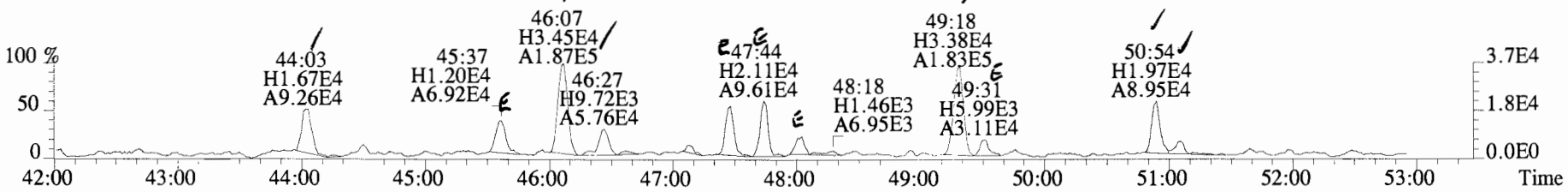
File:180303E1 #1-574 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
359.8415 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1596.0,0.00%,F,F)



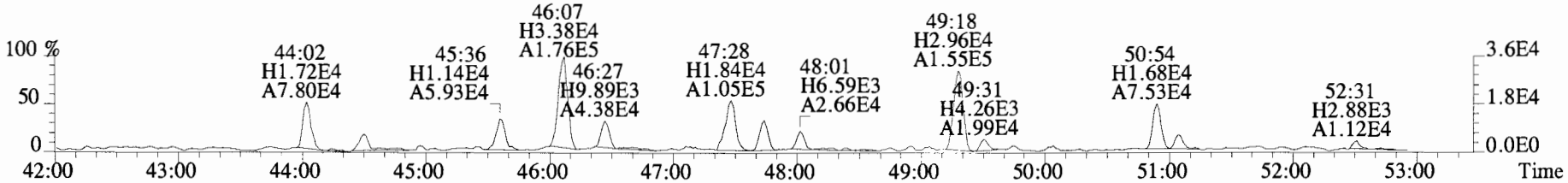
361.8385 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1892.0,0.00%,F,F)



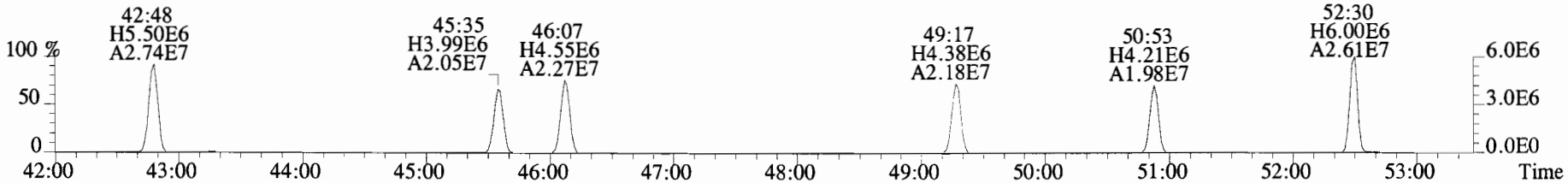
File:180303E1 #1-574 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
393.8025 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2604.0,0.00%,F,F)



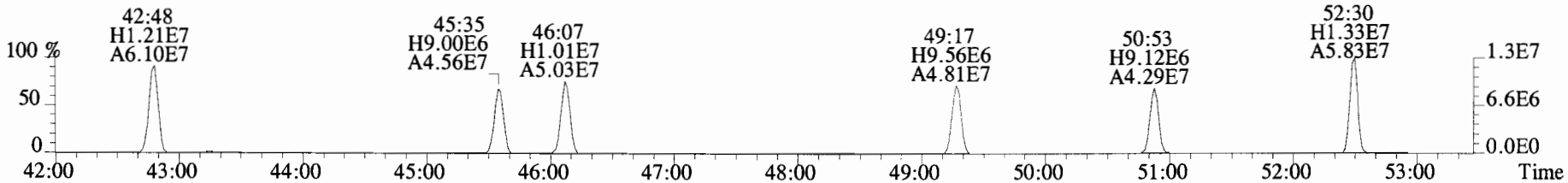
395.7995 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1620.0,0.00%,F,F)



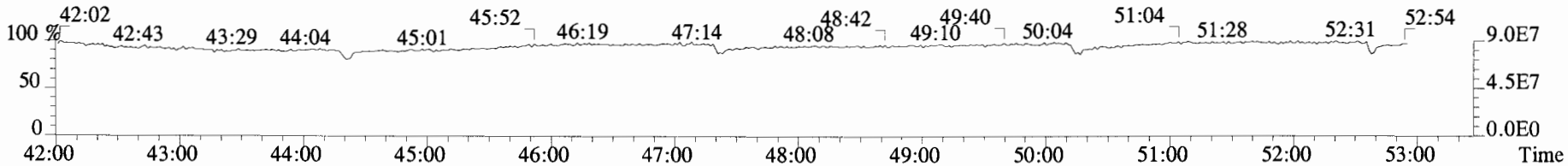
403.8457 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5584.0,0.00%,F,F)



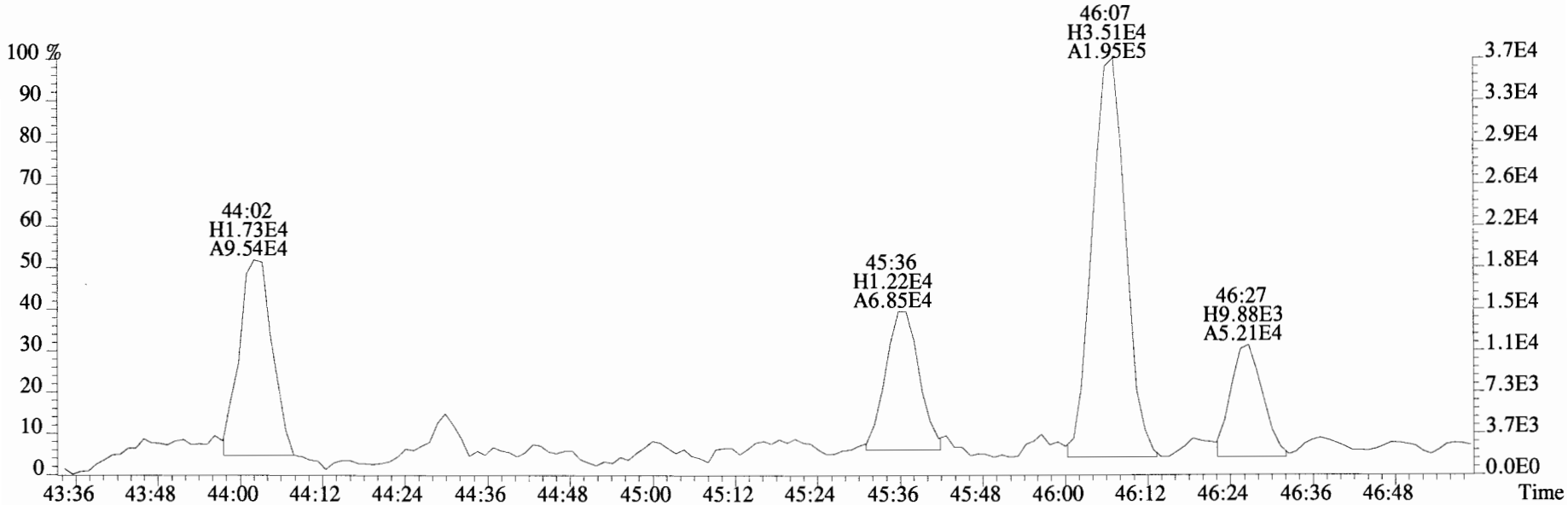
405.8428 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12056.0,0.00%,F,F)



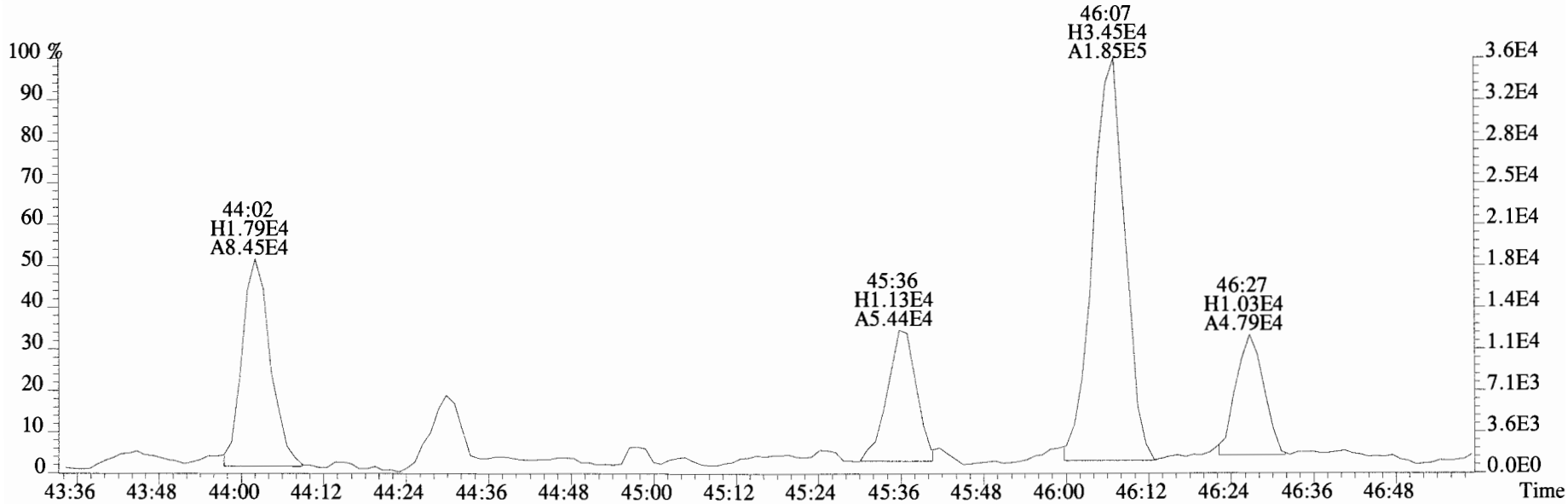
380.9760 S:4 F:4



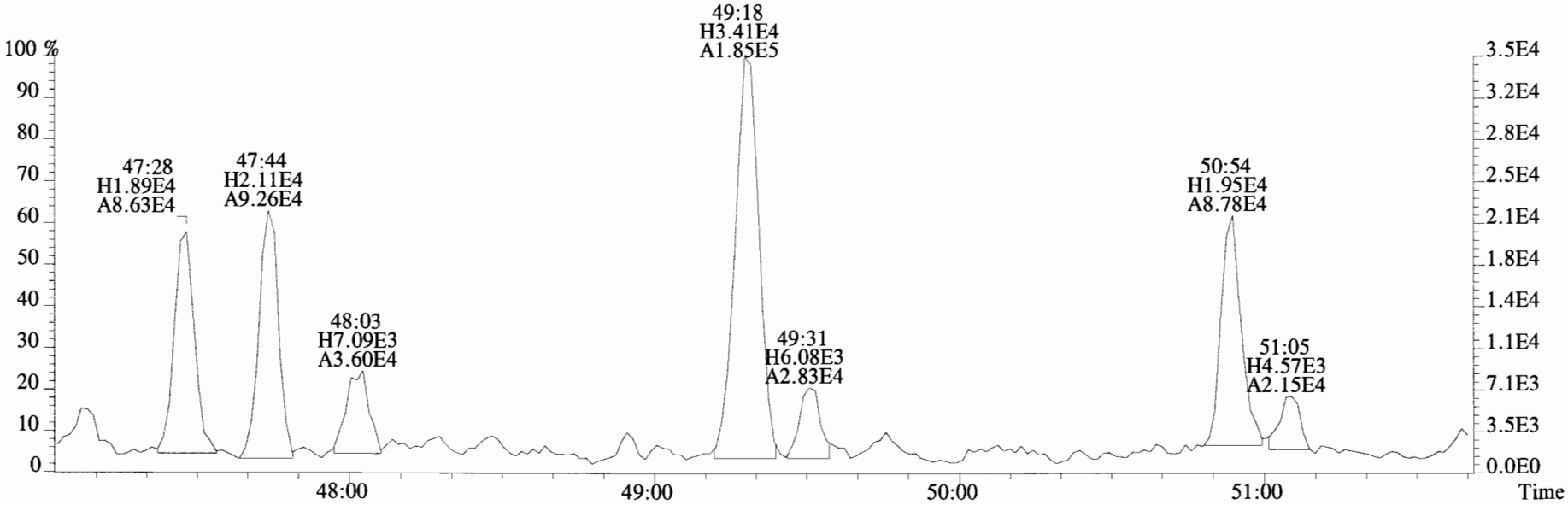
File:180303E1 #1-574 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
393.8025 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2604.0,0.00%,F,F)



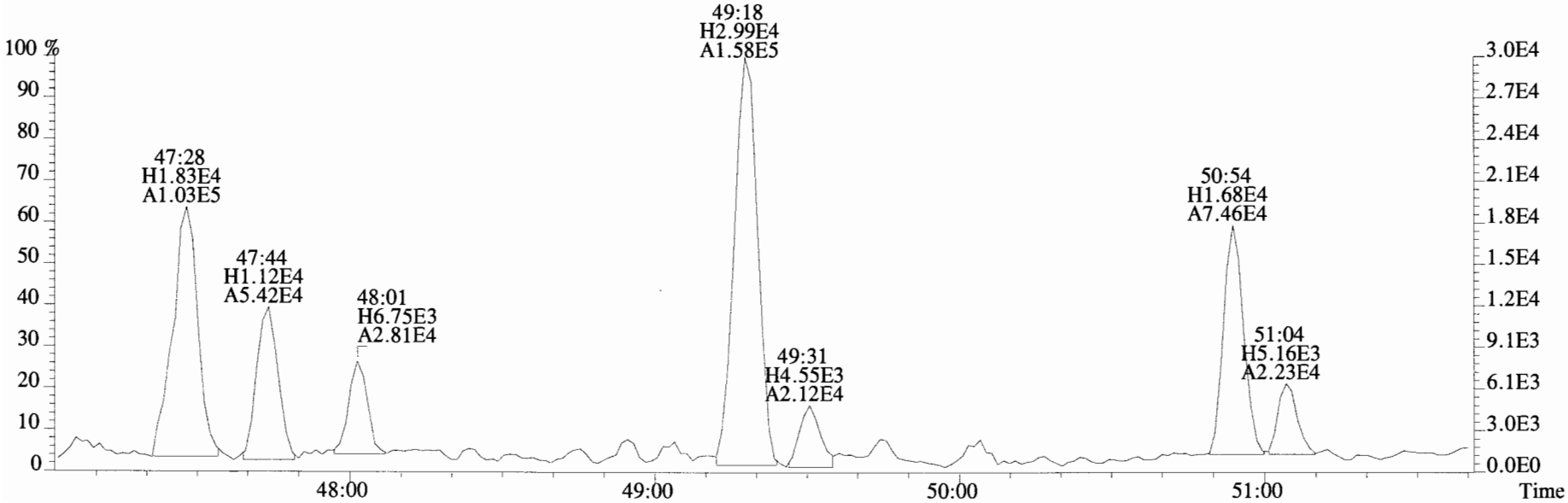
395.7995 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1620.0,0.00%,F,F)



File:180303E1 #1-574 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
393.8025 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2604.0,0.00%,F,F)

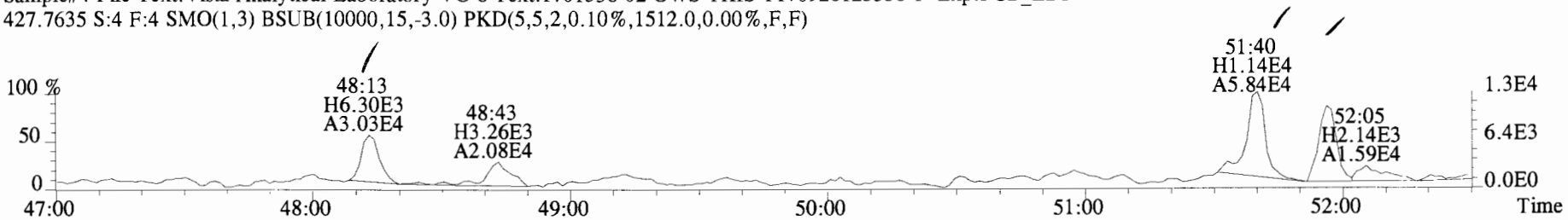


395.7995 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1620.0,0.00%,F,F)

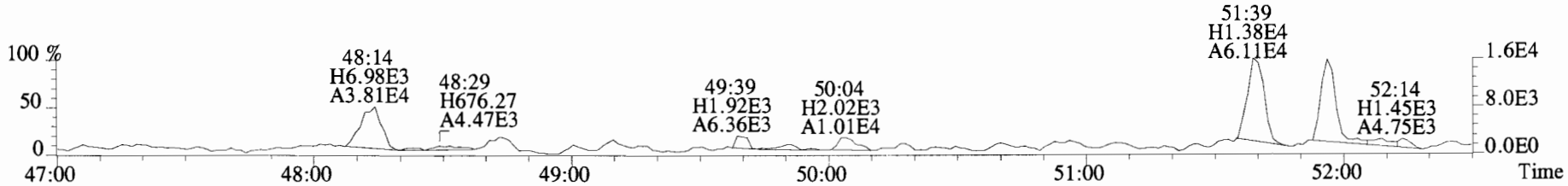


File:180303E1 #1-574 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1

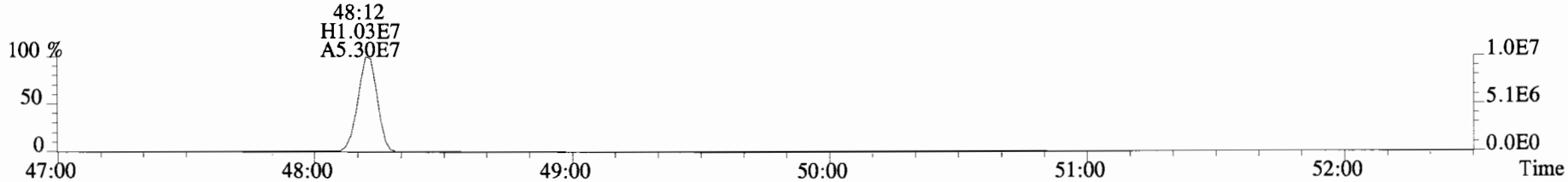
427.7635 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1512.0,0.00%,F,F)



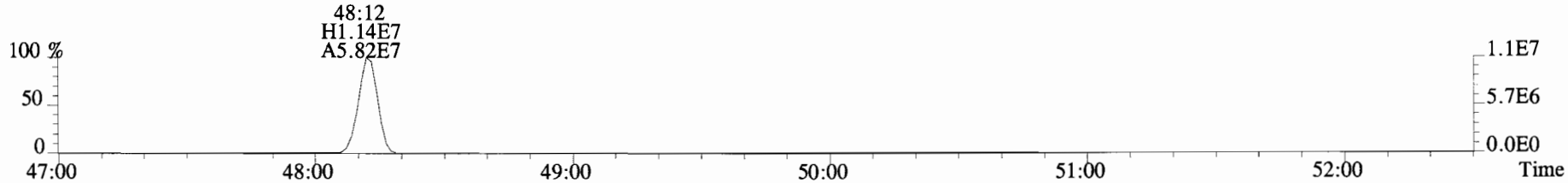
429.7606 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1768.0,0.00%,F,F)



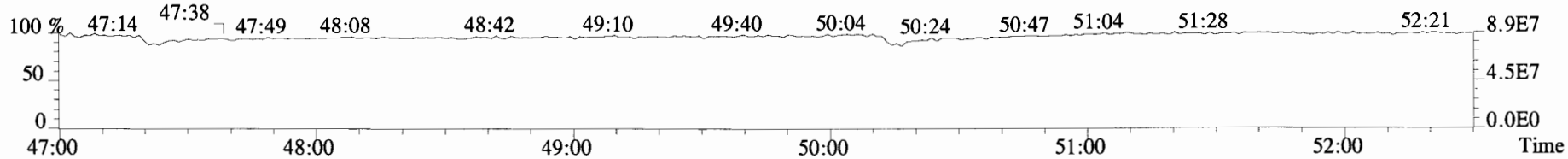
439.8038 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1488.0,0.00%,F,F)



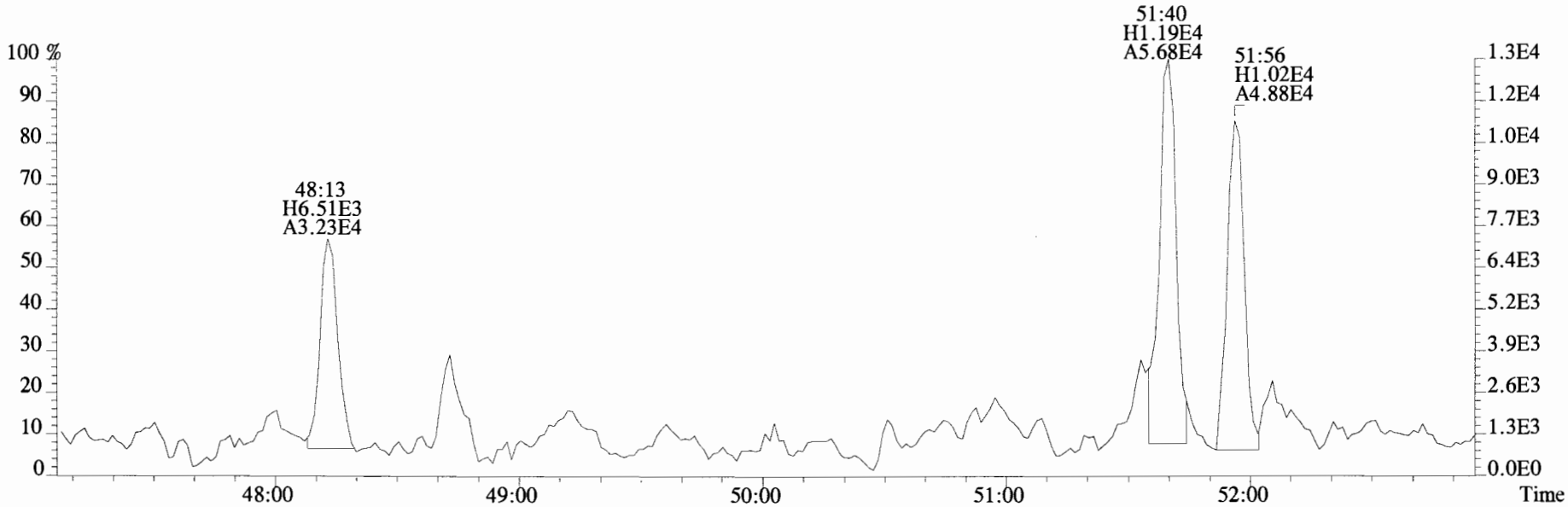
441.8008 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1512.0,0.00%,F,F)



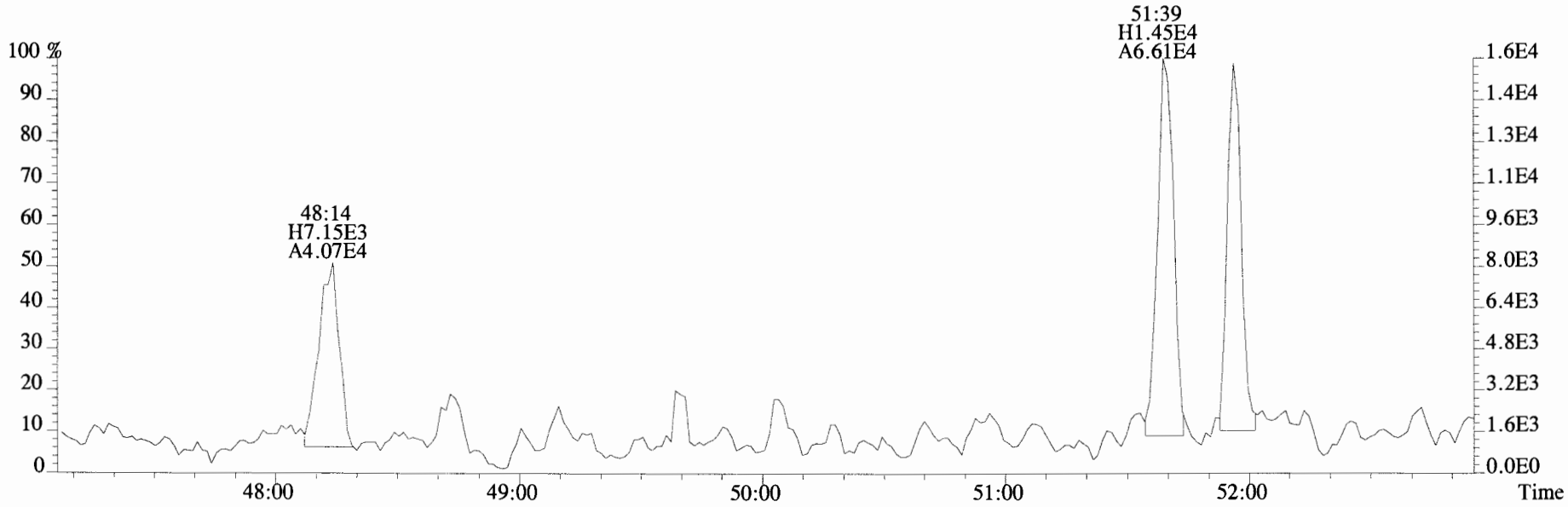
380.9760 S:4 F:4



File:180303E1 #1-574 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
427.7635 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1512.0,0.00%,F,F)

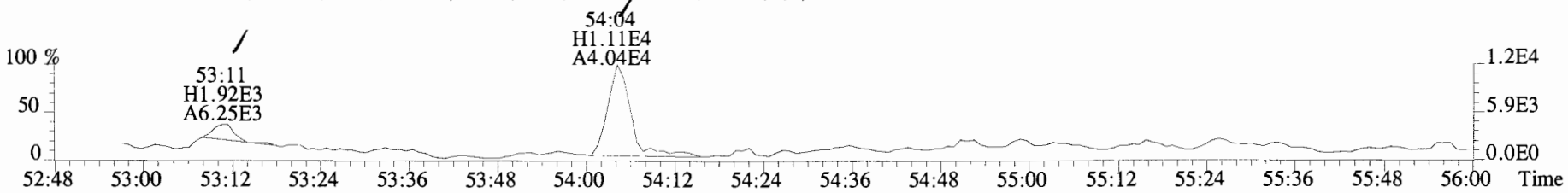


429.7606 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1768.0,0.00%,F,F)

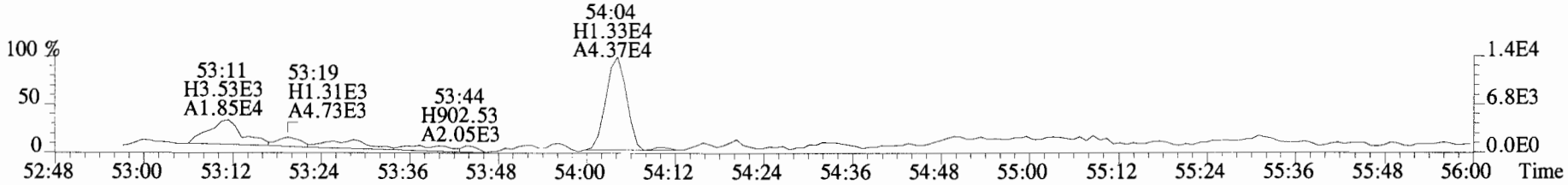


File:180303E1 #1-407 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1

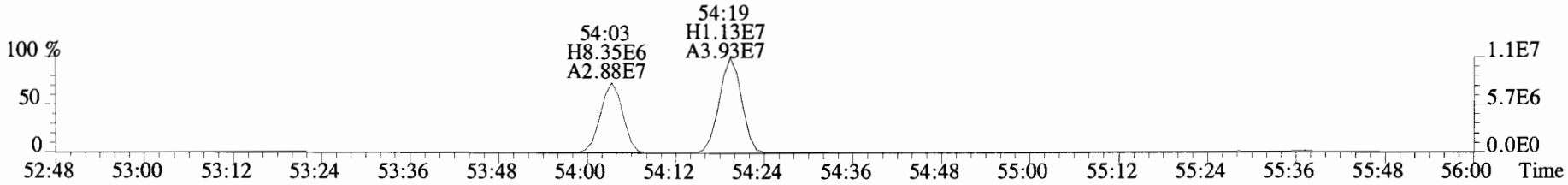
427.7635 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1816.0,0.00%,F,F)



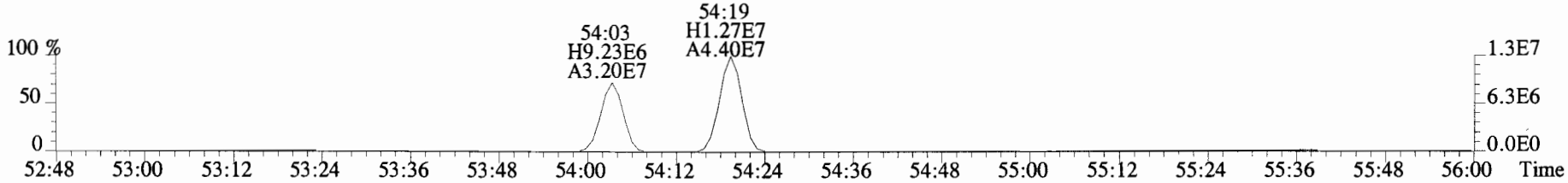
429.7606 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1504.0,0.00%,F,F)



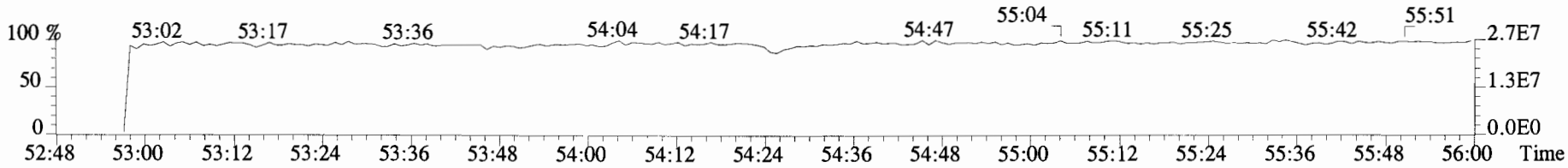
439.8038 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5364.0,0.00%,F,F)



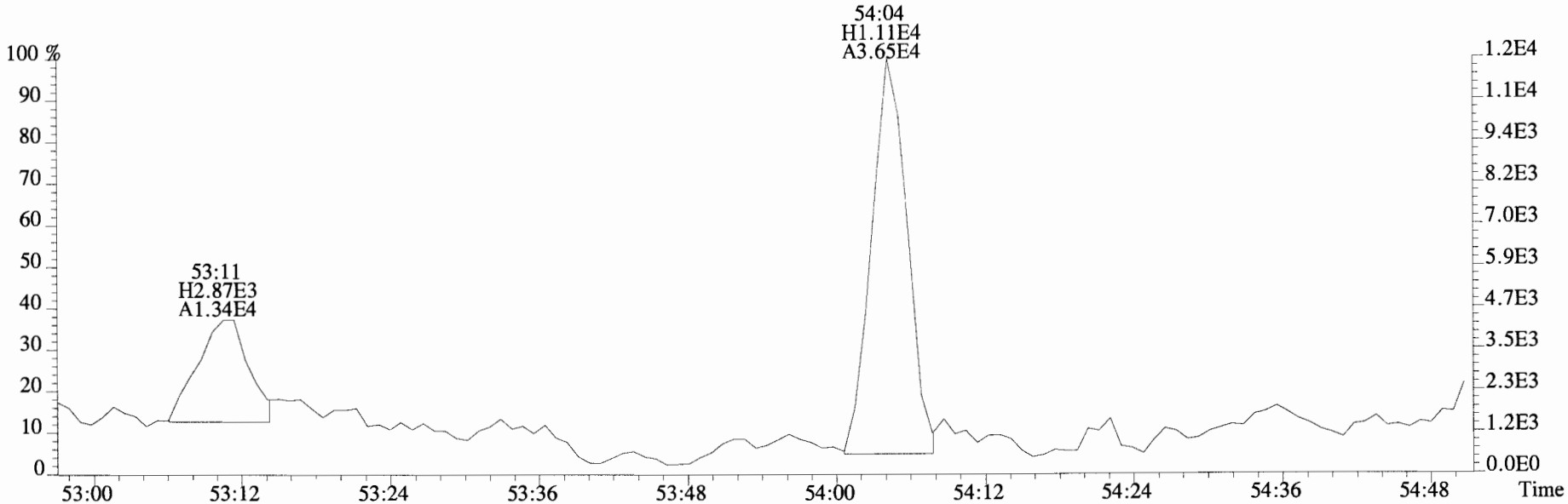
441.8008 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5672.0,0.00%,F,F)



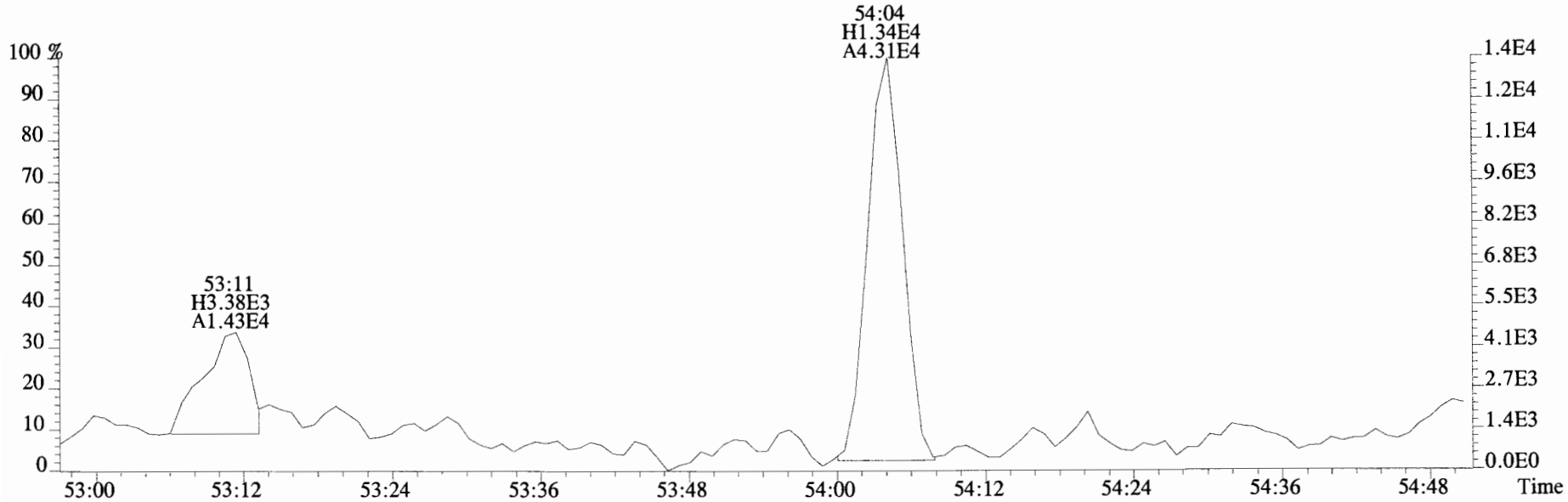
492.9697 S:4 F:5



File:180303E1 #1-407 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
427.7635 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1816.0,0.00%,F,F)

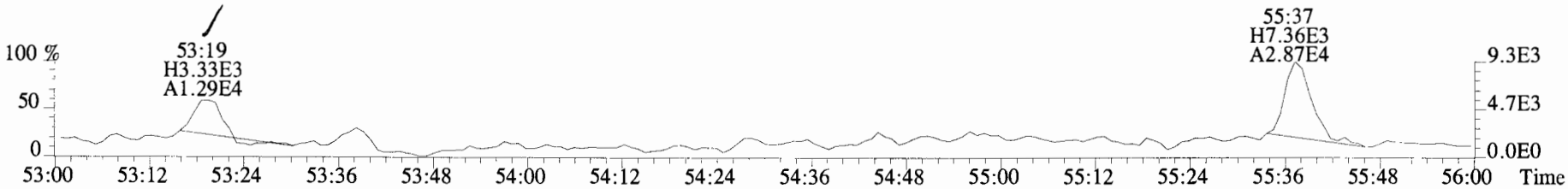


429.7606 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1504.0,0.00%,F,F)

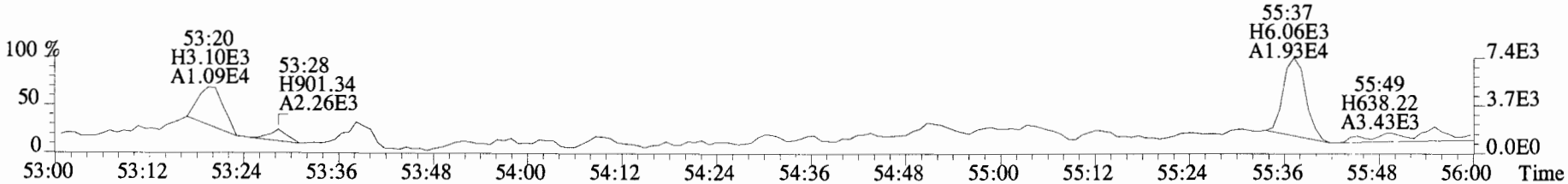


File:180303E1 #1-407 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1

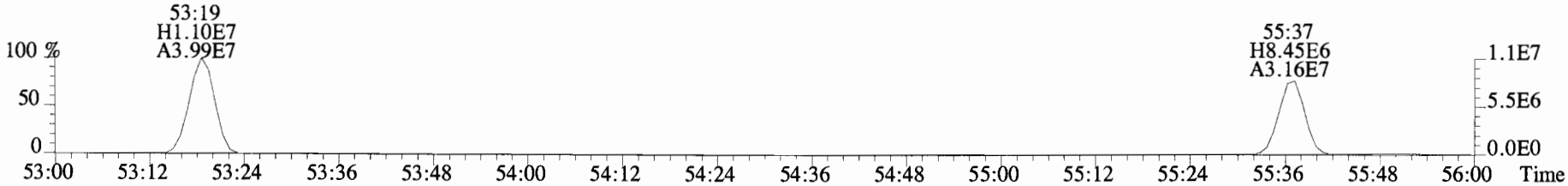
463.7216 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1832.0,0.00%,F,F)



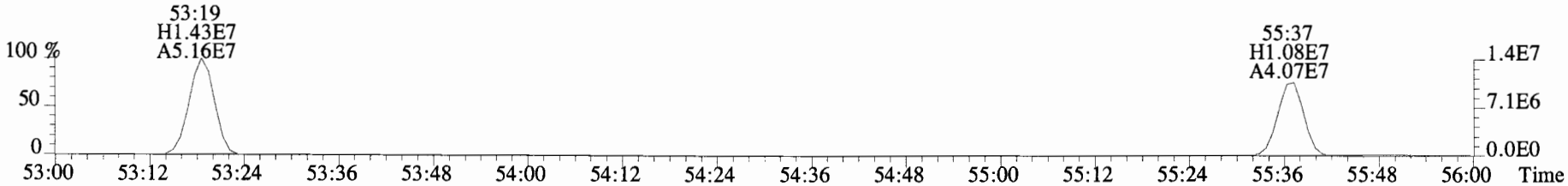
465.7186 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1584.0,0.00%,F,F)



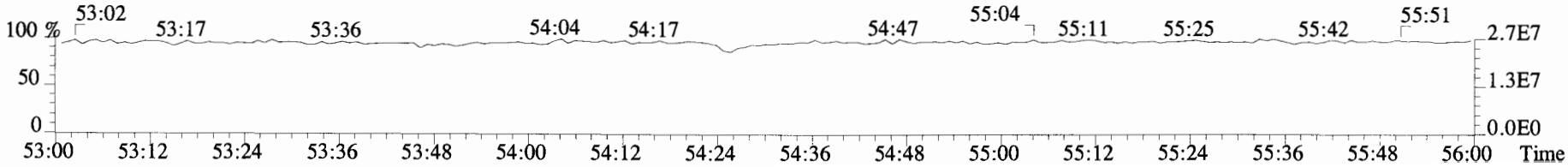
473.7648 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15456.0,0.00%,F,F)



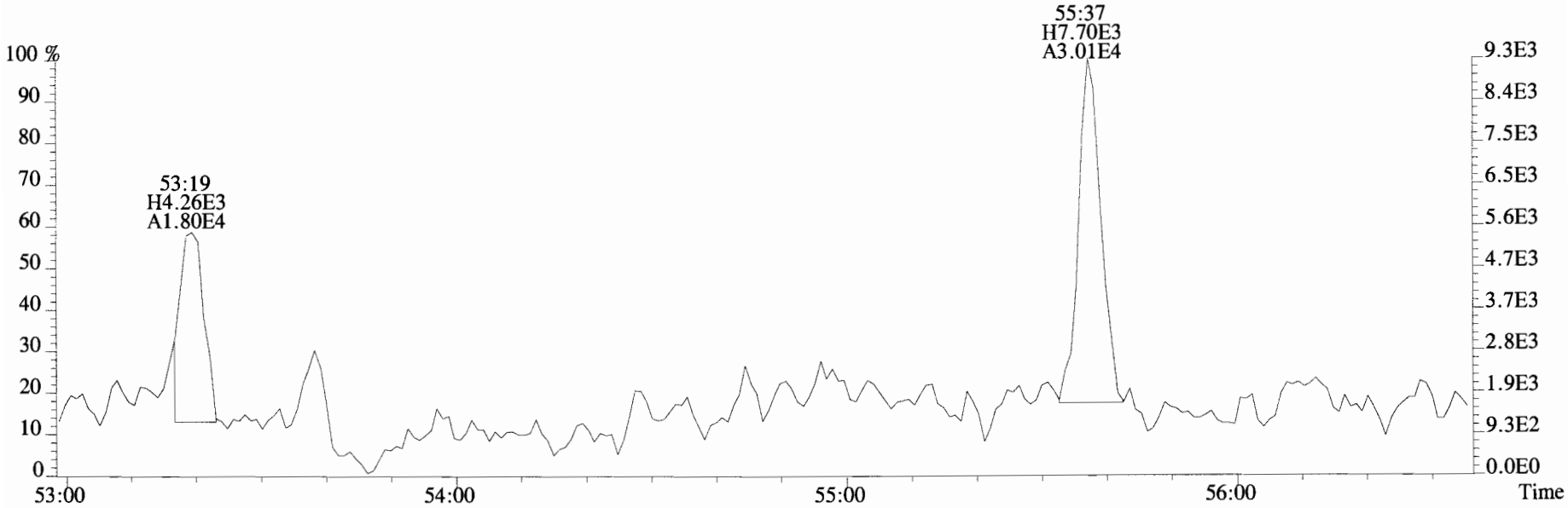
475.7619 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23080.0,0.00%,F,F)



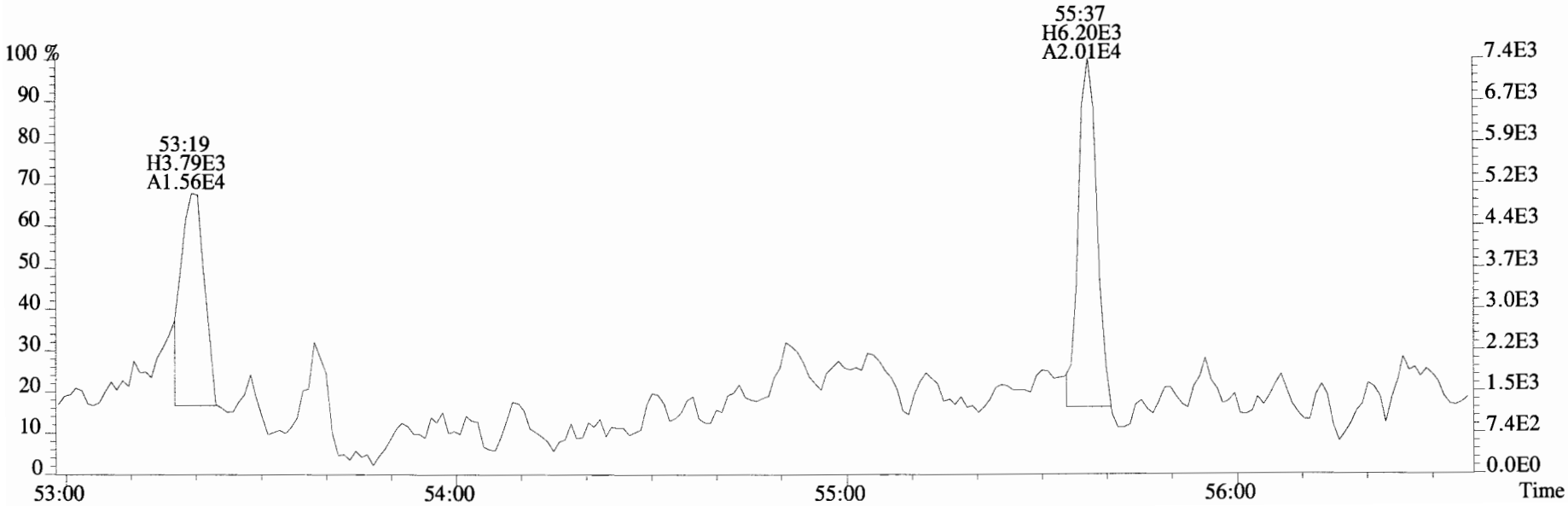
492.9697 S:4 F:5



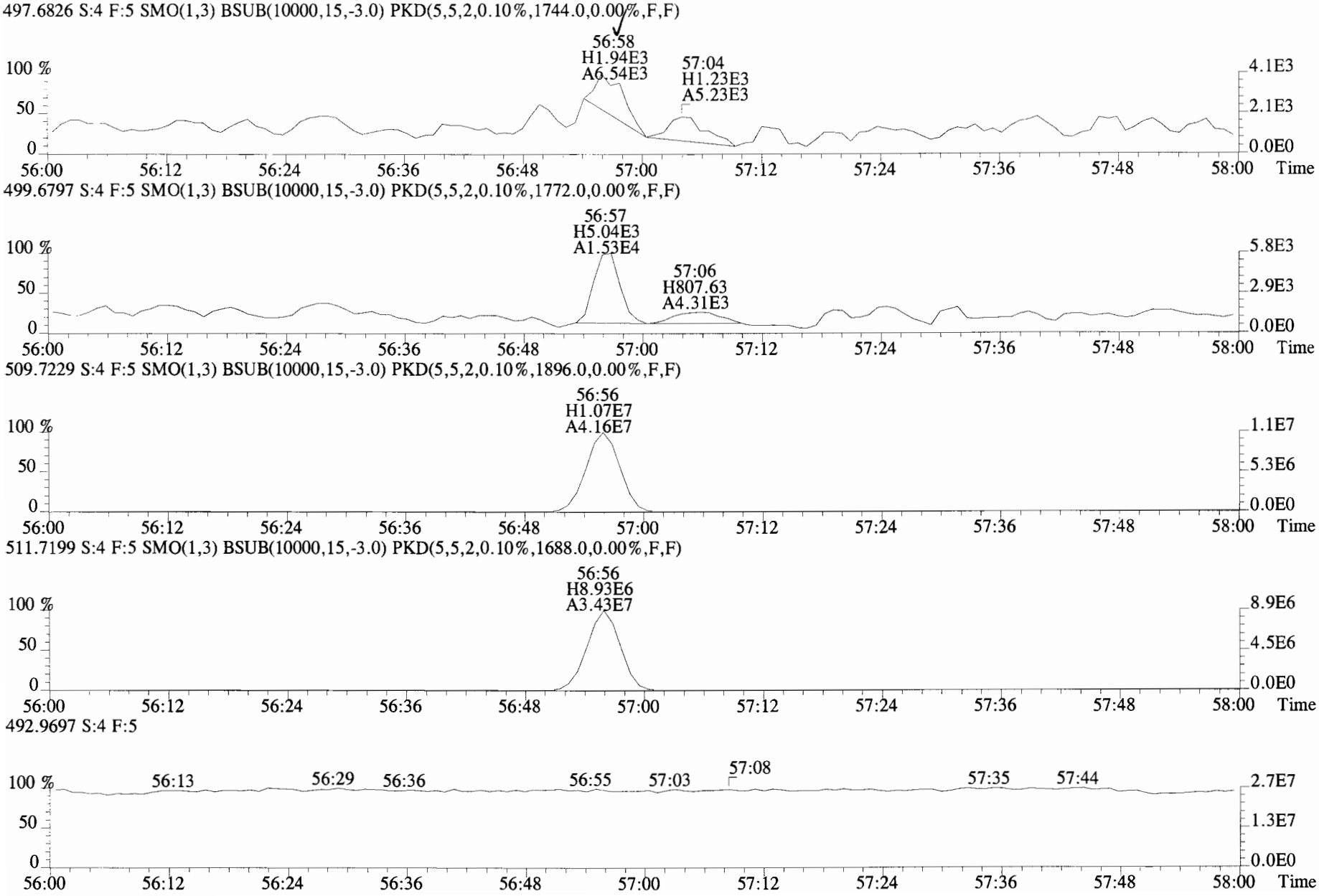
File:180303E1 #1-407 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
463.7216 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1832.0,0.00%,F,F)



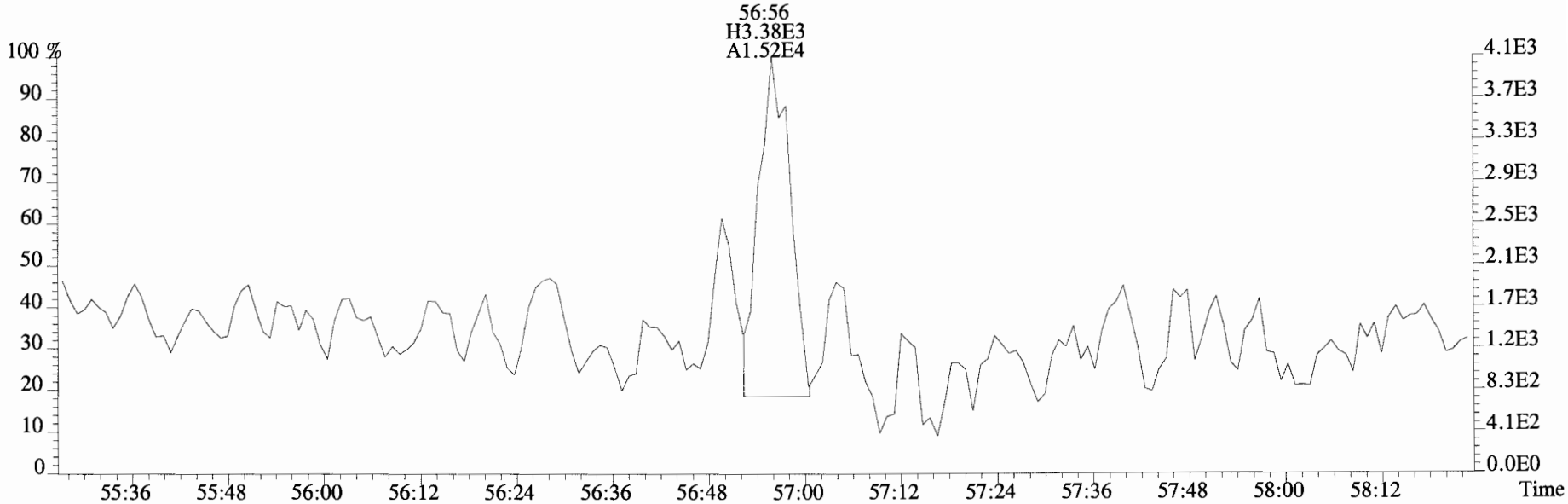
465.7186 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1584.0,0.00%,F,F)



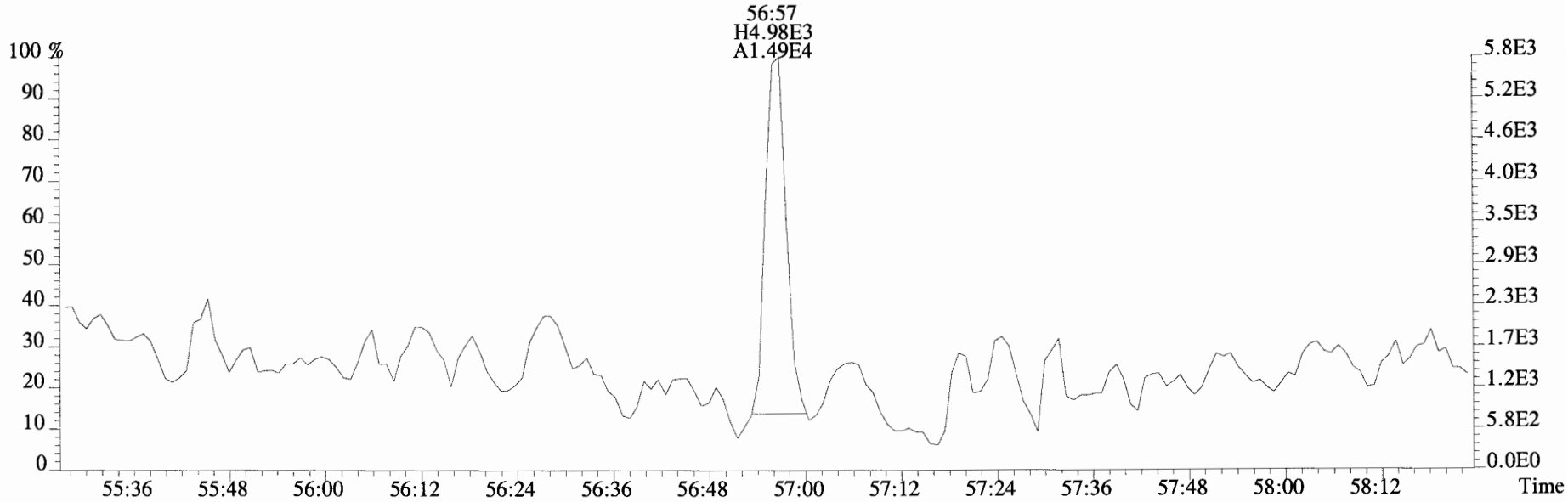
File:180303E1 #1-407 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1



File:180303E1 #1-407 Acq: 3-MAR-2018 16:22:27 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701338-02 OWS-THIS-T170926125358 1 Exp:PCB_ZB1
497.6826 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1744.0,0.00%,F,F)



499.6797 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1772.0,0.00%,F,F)



Client ID: OWS-WAFO-T170926125646 Filename: 180303E1 S:5 Acq:3-MAR-18 17:27:35 ConCal: ST180303E1-1

Lab ID: 1701338-03 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.014 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Mono	PCB-1	4.54e+06	2.92	y 16:00	1.07	71.1		*	2.5	*	1.001	0.996-1.006
Mono	PCB-2	1.44e+05	3.06	y 18:24	1.06	1.75		*	2.5	*	0.988	0.983-0.993
Mono	PCB-3	1.39e+06	2.92	y 18:38	1.06	16.9		*	2.5	*	1.001	0.996-1.006
Di	PCB-4/10	2.62e+08	1.58	y 20:00	1.24	5390		*	2.5	*	1.002	0.998-1.008
Di	PCB-7/9	*	*	n NotF╗	0.99	*		124000	1.0	17.5	*	0.863-0.871
Di	PCB-6	2.41e+06	1.72	y 22:27	1.06	34.4		*	2.5	*	0.893	0.888-0.897
Di	PCB-5/8	9.13e+06	1.54	y 22:50	1.03	134		*	2.5	*	0.908	0.904-0.913
Di	PCB-14	*	*	n NotF╗	1.03	*		3290	2.5	1.04	*	0.948-0.958
Di	PCB-11	1.47e+06	1.57	y 25:10	1.11	17.8		*	2.5	*	1.001	0.996-1.006
Di	PCB-12/13	2.01e+06	1.63	y 25:32	1.02	26.7		*	2.5	*	1.015	1.011-1.021
Di	PCB-15	2.68e+07	1.59	y 25:52	1.05	342		*	2.5	*	1.028	1.023-1.033
Tri	PCB-19	9.43e+07	1.04	y 24:08	1.20	1430		*	2.5	*	1.000	0.996-1.006
Tri	PCB-30	9.69e+04	1.13	y 25:02	1.93	0.911		*	2.5	*	1.037	1.034-1.044
Tri	PCB-18	3.78e+07	1.05	y 25:48	0.91	479		*	2.5	*	0.954	0.948-0.958
Tri	PCB-17	2.69e+07	1.04	y 25:58	0.84	371		*	2.5	*	0.960	0.955-0.965
Tri	PCB-24/27	5.68e+07	1.04	y 26:32	1.15	572		*	2.5	*	0.981	0.977-0.986
Tri	PCB-16/32	3.56e+07	1.05	y 27:04	1.02	404		*	2.5	*	1.001	0.995-1.005
Tri	PCB-34	1.00e+06	0.99	y 27:52	0.96	14.5		*	2.5	*	0.960	0.955-0.965
Tri	PCB-23	*	*	n NotF╗	0.95	*		1520	2.5	0.540	*	0.958-0.968
Tri	PCB-29	1.60e+05	1.07	y 28:11	0.96	2.31		*	2.5	*	0.971	0.966-0.976
Tri	PCB-26	1.89e+07	1.08	y 28:25	1.00	262		*	2.5	*	0.979	0.974-0.984
Tri	PCB-25	5.64e+06	1.08	y 28:35	1.06	74.1		*	2.5	*	0.985	0.980-0.990
Tri	PCB-31	4.38e+07	1.06	y 28:55	1.10	554		*	2.5	*	0.997	0.992-1.002
Tri	PCB-28	3.46e+07	1.07	y 29:02	1.14	422		*	2.5	*	1.001	0.995-1.005
Tri	PCB-20/21/33	7.48e+06	1.05	y 29:41	1.00	104		*	2.5	*	1.023	1.017-1.027
Tri	PCB-22	7.72e+06	1.02	y 30:06	1.09	98.6		*	2.5	*	1.037	1.032-1.042
Tri	PCB-36	*	*	n NotF╗	1.15	*		11600	1.0	1.50	*	0.929-0.939
Tri	PCB-39	3.93e+05	0.97	y 31:10	1.07	5.48		*	2.5	*	0.947	0.943-0.953
Tri	PCB-38	4.82e+05	1.01	y 31:57	1.10	6.52		*	2.5	*	0.971	0.966-0.976
Tri	PCB-35	3.99e+05	1.11	y 32:29	1.12	5.29		*	2.5	*	0.987	0.982-0.992
Tri	PCB-37	1.04e+07	1.07	y 32:55	1.11	140		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-54	2.16e+06	0.74	y 27:54	1.07	26.2		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-50	4.37e+05	0.67	y 29:04	0.87	6.53		*	2.5	*	1.042	1.038-1.048
Tetra	PCB-53	1.97e+07	0.77	y 29:43	1.01	310		*	2.5	*	0.945	0.940-0.950
Tetra	PCB-51	4.25e+06	0.75	y 30:03	1.10	61.3		*	2.5	*	0.956	0.952-0.962
Tetra	PCB-45	6.62e+06	0.80	y 30:30	0.87	121		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-46	2.25e+06	0.74	y 30:59	0.84	42.7		*	2.5	*	0.986	0.980-0.990

Integrations by:

Analyst: DB

Date: 3/7/18

Reviewed by: CT Date: 3/14/18

Client ID: OWS-WAFO-T170926125646 Filename: 180303E1 S:5 Acq:3-MAR-18 17:27:35 ConCal: ST180303E1-1
Lab ID: 1701338-03 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.014 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Tetra	PCB-52/69	4.91e+07	0.77	y 31:28	1.21	642		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-73	1.29e+06	0.72	y 31:35	1.45	14.1		*	2.5	*	1.005	1.000-1.010
Tetra	PCB-43/49	3.42e+07	0.76	y 31:45	1.01	536		*	2.5	*	1.010	1.005-1.015
Tetra	PCB-47	2.38e+07	0.77	y 31:57	0.91	382		*	2.5	*	1.000	0.995-1.005
Tetra	PCB-48/75	4.15e+06	0.78	y 32:05	1.13	53.2		*	2.5	*	1.004	0.999-1.009
Tetra	PCB-65	1.17e+05	0.87	y 32:20	1.27	1.34		*	2.5	*	1.012	1.007-1.017
Tetra	PCB-62	*	*	n NotF╗	1.10	*		1960	2.5	0.560	*	1.011-1.021
Tetra	PCB-44	1.62e+07	0.76	y 32:45	0.85	276		*	2.5	*	1.025	1.020-1.030
Tetra	PCB-42/59	1.03e+07	0.77	y 32:58	1.02	146		*	2.5	*	1.032	1.027-1.037
Tetra	PCB-41/64/71/72	2.90e+07	0.77	y 33:34	1.17	362		*	2.5	*	1.051	1.046-1.056
Tetra	PCB-68	1.15e+06	0.81	y 33:50	1.28	13.0		*	2.5	*	1.059	1.054-1.064
Tetra	PCB-40	3.08e+06	0.78	y 34:02	0.62	71.8		*	2.5	*	1.065	1.060-1.070
Tetra	PCB-57	4.68e+05	0.69	y 34:24	1.13	5.99		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-67	9.81e+05	0.69	y 34:42	1.10	12.8		*	2.5	*	0.979	0.973-0.983
Tetra	PCB-58	1.21e+05	0.86	y 34:50	1.12	1.56		*	2.5	*	0.983	0.977-0.987
Tetra	PCB-63	2.16e+06	0.71	y 34:59	1.00	31.1		*	2.5	*	0.987	0.981-0.991
Tetra	PCB-74	1.11e+07	0.75	y 35:16	1.18	136		*	2.5	*	0.995	0.989-0.999
Tetra	PCB-61/70	1.54e+07	0.76	y 35:28	1.03	217		*	2.5	*	1.000	0.994-1.004
Tetra	PCB-76/66	1.71e+07	0.77	y 35:41	1.13	217		*	2.5	*	1.007	1.000-1.010
Tetra	PCB-80	*	*	n NotF╗	1.19	*		1960	2.5	0.532	*	0.995-1.005
Tetra	PCB-55	3.51e+05	0.76	y 36:12	1.16	4.49		*	2.5	*	1.009	1.004-1.014
Tetra	PCB-56/60	1.18e+07	0.79	y 36:42	1.04	168		*	2.5	*	1.023	1.018-1.028
Tetra	PCB-79	1.34e+05	0.67	y 37:47	1.17	1.70		*	2.5	*	1.053	1.047-1.057
Tetra	PCB-78	*	*	n NotF╗	1.10	*		1960	2.5	0.529	*	0.982-0.992
Tetra	PCB-81	*	*	n NotF╗	0.97	*		1960	2.5	0.603	*	0.995-1.005
Tetra	PCB-77	1.81e+06	0.76	y 39:35	1.08	23.4		*	2.5	*	1.000	0.995-1.005
Penta	PCB-104	5.86e+04	1.74	y 32:37	1.08	0.805		*	2.5	*	1.001	0.996-1.006
Penta	PCB-96	5.46e+05	1.41	y 33:52	1.13	7.15		*	2.5	*	1.039	1.034-1.044
Penta	PCB-103	4.26e+05	1.52	y 34:25	0.91	6.96		*	2.5	*	1.056	1.051-1.061
Penta	PCB-100	3.58e+05	1.56	y 34:46	0.93	5.74		*	2.5	*	1.066	1.062-1.072
Penta	PCB-94	5.16e+05	1.55	y 35:14	0.91	12.8		*	2.5	*	0.985	0.981-0.991
Penta	PCB-95/98/102	9.21e+06	1.56	y 35:47	1.17	178		*	2.5	*	1.000	0.994-1.004
Penta	PCB-93	*	*	n NotF╗	0.93	*		1480	2.5	1.12	*	0.997-1.007
Penta	PCB-88/91	2.77e+06	1.42	y 36:11	0.97	64.6		*	2.5	*	1.012	1.005-1.015
Penta	PCB-121	*	*	n NotF╗	1.68	*		1480	2.5	0.618	*	1.009-1.019
Penta	PCB-84/92	5.31e+06	1.58	y 37:05	0.97	116		*	2.5	*	0.990	0.985-0.995
Penta	PCB-89	1.46e+05	1.71	y 37:15	1.06	2.93		*	2.5	*	0.995	0.990-1.000

Analyst: DB

Date: 3/7/18

Client ID: OWS-WAFO-T170926125646 Filename: 180303E1 S:5 Acq:3-MAR-18 17:27:35 ConCal: ST180303E1-1
Lab ID: 1701338-03 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.014 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Penta	PCB-90/101	7.20e+06	1.62	y 37:28	1.08	142		*	2.5	*	1.000	0.995-1.005
Penta	PCB-113	1.57e+05	1.36	y 37:40	1.48	2.27		*	2.5	*	1.006	1.002-1.012
Penta	PCB-99	4.20e+06	1.61	y 37:47	1.25	71.3		*	2.5	*	1.009	1.004-1.014
Penta	PCB-119	5.28e+05	1.76	y 38:14	1.70	7.14		*	2.5	*	0.987	0.982-0.992
Penta	PCB-108/112	8.28e+05	1.42	y 38:25	1.40	13.6		*	2.5	*	0.991	0.986-0.996
Penta	PCB-83	*	*	n NotF╗	1.75	*		1480	2.5	0.626	*	0.990-1.000
Penta	PCB-97	2.32e+06	1.59	y 38:45	1.17	45.4		*	2.5	*	1.000	0.995-1.005
Penta	PCB-86	*	*	n NotF╗	1.08	*		1480	2.5	1.02	*	0.999-1.009
Penta	PCB-87/117/125	3.76e+06	1.61	y 39:02	1.55	55.6		*	2.5	*	1.007	1.002-1.012
Penta	PCB-111/115	2.15e+05	1.38	y 39:11	1.79	2.76		*	2.5	*	1.011	1.006-1.016
Penta	PCB-85/116	1.74e+06	1.54	y 39:18	1.29	30.9		*	2.5	*	1.014	1.009-1.019
Penta	PCB-120	7.93e+04	1.69	y 39:33	1.98	0.919		*	2.5	*	1.021	1.016-1.026
Penta	PCB-110	1.09e+07	1.52	y 39:42	1.69	148		*	2.5	*	1.025	1.020-1.030
Penta	PCB-82	9.37e+05	1.60	y 40:19	0.81	19.2		*	2.5	*	0.976	0.972-0.982
Penta	PCB-124	2.93e+05	1.73	y 41:00	1.30	3.75		*	2.5	*	0.993	0.988-0.998
Penta	PCB-107/109	7.88e+05	1.48	y 41:09	1.31	9.94		*	2.5	*	0.996	0.991-1.001
Penta	PCB-123	1.78e+05	1.62	y 41:20	1.12	2.63		*	2.5	*	1.001	0.996-1.006
Penta	PCB-106/118	6.87e+06	1.56	y 41:30	1.18	93.3		*	2.5	*	1.000	0.996-1.006
Penta	PCB-114	1.38e+05	2.02	n 42:09	1.11	2.69		*	2.5	*	1.000	0.995-1.005
Penta	PCB-122	5.99e+04	1.13	n 42:17	1.03	1.26		*	2.5	*	1.004	0.999-1.009
Penta	PCB-105	2.55e+06	1.48	y 43:01	1.12	49.2		*	2.5	*	1.000	0.995-1.005
Penta	PCB-127	*	*	n NotF╗	1.12	*		1200	2.5	0.703	*	0.995-1.005
Penta	PCB-126	*	*	n NotF╗	1.20	*		2550	1.0	0.592	*	0.995-1.005
Hexa	PCB-155	*	*	n NotF╗	0.99	*		1140	2.5	0.497	*	0.995-1.005
Hexa	PCB-150	3.96e+04	1.15	y 38:16	1.02	0.618		*	2.5	*	1.035	1.030-1.040
Hexa	PCB-152	6.15e+04	1.24	y 38:43	1.16	0.852		*	2.5	*	1.047	1.042-1.052
Hexa	PCB-145	*	*	n NotF╗	1.13	*		1140	2.5	0.435	*	1.054-1.064
Hexa	PCB-136	1.13e+06	1.29	y 39:31	1.02	17.7		*	2.5	*	1.068	1.063-1.073
Hexa	PCB-148	4.32e+04	1.09	y 39:38	0.77	0.895		*	2.5	*	1.072	1.066-1.076
Hexa	PCB-154	1.94e+05	1.21	y 40:06	0.88	3.54		*	2.5	*	1.084	1.079-1.089
Hexa	PCB-151	1.42e+06	1.26	y 40:44	0.75	30.2		*	2.5	*	1.101	1.095-1.107
Hexa	PCB-135	9.15e+05	1.27	y 40:57	0.86	17.0		*	2.5	*	1.107	1.101-1.113
Hexa	PCB-144	9.84e+04	1.22	y 41:04	0.77	2.06		*	2.5	*	1.110	1.105-1.116
Hexa	PCB-147	2.94e+05	1.41	y 41:12	0.80	5.85		*	2.5	*	1.114	1.108-1.120
Hexa	PCB-139/149	3.68e+06	1.27	y 41:26	0.88	66.9		*	2.5	*	1.120	1.115-1.127
Hexa	PCB-140	6.90e+04	1.12	y 41:39	0.77	1.44		*	2.5	*	1.126	1.120-1.132
Hexa	PCB-134/143	3.90e+05	1.26	y 42:05	0.76	8.95		*	2.5	*	0.975	0.970-0.980

Analyst: DB

Date: 3/7/18

Client ID: OWS-WAFO-T170926125646 Filename: 180303E1 S:5 Acq:3-MAR-18 17:27:35 ConCal: ST180303E1-1
Lab ID: 1701338-03 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.014 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hexa	PCB-131/133	2.23e+05	0.93	n 42:23	0.82	4.78		*	2.5	*	0.982	0.977-0.987
Hexa	PCB-142	*	*	n NotF¶	0.73	*		1440	2.5	0.986	*	0.981-0.991
Hexa	PCB-146/165	8.93e+05	1.20	y 42:47	1.02	15.3		*	2.5	*	0.991	0.986-0.996
Hexa	PCB-132/161	1.26e+06	1.22	y 43:02	1.00	22.0		*	2.5	*	0.997	0.992-1.002
Hexa	PCB-153	3.38e+06	1.19	y 43:11	1.08	55.0		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-168	*	*	n NotF¶	1.12	*		1440	2.5	0.646	*	1.000-1.010
Hexa	PCB-141	4.94e+05	1.16	y 43:55	1.02	10.0		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-137	1.71e+05	1.27	y 44:17	1.10	3.20		*	2.5	*	1.009	1.004-1.014
Hexa	PCB-130	2.89e+05	1.13	y 44:24	0.81	7.38		*	2.5	*	1.011	1.007-1.017
Hexa	PCB-138/163/164	4.90e+06	1.26	y 44:46	1.23	76.7		*	2.5	*	1.001	0.996-1.006
Hexa	PCB-158/160	3.85e+05	1.19	y 44:59	1.18	6.30		*	2.5	*	1.006	1.001-1.011
Hexa	PCB-129	2.01e+05	1.37	y 45:15	0.78	4.97		*	2.5	*	1.012	1.007-1.017
Hexa	PCB-166	*	*	n NotF¶	1.13	*		1440	2.5	0.581	*	0.988-0.998
Hexa	PCB-159	*	*	n NotF¶	1.16	*		1440	2.5	0.566	*	0.995-1.005
Hexa	PCB-128/162	6.96e+05	1.26	y 46:18	0.89	12.2		*	2.5	*	1.006	1.002-1.012
Hexa	PCB-167	1.80e+05	1.42	y 46:43	1.02	2.78		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-156	4.80e+05	1.08	y 48:00	1.06	7.03		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-157	1.32e+05	1.10	y 48:16	1.02	2.01		*	2.5	*	1.000	0.996-1.006
Hexa	PCB-169	*	*	n NotF¶	1.13	*		1440	2.5	0.603	*	0.995-1.005
Hepta	PCB-188	*	*	n NotF¶	1.37	*		1020	2.5	0.288	*	0.995-1.005
Hepta	PCB-184	*	*	n NotF¶	1.32	*		1020	2.5	0.300	*	1.006-1.016
Hepta	PCB-179	5.72e+05	0.98	y 44:02	1.38	8.87		*	2.5	*	1.029	1.024-1.034
Hepta	PCB-176	1.29e+05	0.98	y 44:30	1.31	2.12		*	2.5	*	1.040	1.035-1.045
Hepta	PCB-186	*	*	n NotF¶	1.42	*		1020	2.5	0.279	*	1.049-1.059
Hepta	PCB-178	3.48e+05	1.00	y 45:36	0.97	7.71		*	2.5	*	1.066	1.060-1.070
Hepta	PCB-175	*	*	n NotF¶	1.00	*		1020	2.5	0.396	*	1.069-1.079
Hepta	PCB-182/187	1.24e+06	1.11	y 46:06	1.14	23.3		*	2.5	*	1.078	1.072-1.082
Hepta	PCB-183	3.09e+05	0.96	y 46:25	1.13	5.88		*	2.5	*	1.085	1.080-1.090
Hepta	PCB-185	4.74e+04	0.99	y 47:05	1.36	0.960		*	2.5	*	0.955	0.950-0.960
Hepta	PCB-174	4.78e+05	1.12	y 47:27	1.42	9.27		*	2.5	*	0.963	0.958-0.968
Hepta	PCB-181	*	*	n NotF¶	1.48	*		1020	2.5	0.346	*	0.960-0.970
Hepta	PCB-177	4.32e+05	1.12	y 47:43	1.33	8.93		*	2.5	*	0.968	0.963-0.973
Hepta	PCB-171	1.27e+05	1.13	y 48:00	1.37	2.54		*	2.5	*	0.974	0.969-0.979
Hepta	PCB-173	*	*	n NotF¶	1.27	*		1020	2.5	0.403	*	0.978-0.988
Hepta	PCB-172	1.01e+05	1.10	y 48:53	1.39	2.01		*	2.5	*	0.992	0.987-0.997
Hepta	PCB-192	*	*	n NotF¶	1.80	*		1020	2.5	0.283	*	0.991-1.001
Hepta	PCB-180	1.02e+06	0.94	y 49:18	1.52	18.5		*	2.5	*	1.000	0.995-1.005

Analyst: DB

Date: 3/7/18

Client ID: OWS-WAFO-T170926125646 Filename: 180303E1 S:5 Acq:3-MAR-18 17:27:35 ConCal: ST180303E1-1
Lab ID: 1701338-03 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.014 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hepta	PCB-193	9.70e+04	0.92	y 49:29	1.71	1.55		*	2.5	*	1.004	0.999-1.009
Hepta	PCB-191	*	*	n NotF╗	1.74	*		1020	2.5	0.294	*	1.005-1.015
Hepta	PCB-170	4.24e+05	1.12	y 50:53	1.44	9.12		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-190	1.24e+05	0.90	y 51:04	1.95	1.96		*	2.5	*	1.004	0.999-1.009
Hepta	PCB-189	*	*	n NotF╗	1.46	*		1020	2.5	0.259	*	0.995-1.005
Octa	PCB-202	2.55e+05	0.79	y 48:13	1.06	4.16		*	2.5	*	1.000	0.995-1.005
Octa	PCB-201	7.88e+04	0.89	y 48:42	0.98	1.39		*	2.5	*	1.010	1.006-1.016
Octa	PCB-204	*	*	n NotF╗	1.07	*		1260	2.5	0.494	*	1.009-1.019
Octa	PCB-197	*	*	n NotF╗	1.10	*		1260	2.5	0.481	*	1.015-1.025
Octa	PCB-200	4.49e+04	0.77	y 50:03	1.04	0.745		*	2.5	*	1.038	1.034-1.044
Octa	PCB-198	2.30e+04	1.40	n 51:31	0.84	0.474		*	2.5	*	1.069	1.065-1.075
Octa	PCB-199	4.65e+05	0.82	y 51:39	0.80	10.0		*	2.5	*	1.072	1.067-1.077
Octa	PCB-196/203	4.26e+05	0.84	y 51:56	0.84	8.74		*	2.5	*	1.077	1.072-1.082
Octa	PCB-195	7.26e+04	0.97	y 53:10	1.04	2.24		*	2.5	*	0.984	0.979-0.989
Octa	PCB-194	1.97e+05	1.00	y 54:03	1.16	5.43		*	2.5	*	1.000	0.995-1.005
Octa	PCB-205	*	*	n NotF╗	1.33	*		1510	2.5	0.602	*	1.000-1.010
Nona	PCB-208	1.49e+05	1.21	y 53:18	0.90	3.55		*	2.5	0.541	1.000	0.995-1.005
Nona	PCB-207	3.76e+04	1.53	y 53:38	0.89	0.900		*	2.5	0.545	1.006	1.001-1.011
Nona	PCB-206	2.32e+05	1.23	y 55:37	0.88	7.05		*	2.5	0.713	1.000	0.995-1.005
Deca	PCB-209	1.38e+05	1.10	y 56:57	1.04	3.36		*	2.5	*	1.000	0.995-1.005

Analyst: DB

Date: 3/7/18

Client ID: OWS-WAFO-T170926125646 Filename: 180303E1 S:5 Acq:3-MAR-18 17:27:35 ConCal: ST180303E1-1
Lab ID: 1701338-03 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.0137 EndCAL: NA

Name	Resp	RA	RT	RRF	Conc	
Total Mono-PCB	6.07e+06	2.92 y	16:00	1.06	89.7251	
Total Di-PCB	3.03e+08	1.58 y	20:00	1.04	5949.19	
Total Tri-PCB	2.52e+08	1.04 y	24:08	1.15	3253.94	
Total Tri-PCB	1.31e+08	0.99 y	27:52	1.05	1688.52	Sum:4942.45
Total Tetra-PCB	2.69e+08	0.74 y	27:54	1.06	3885.38	
Total Penta-PCB	6.03e+07	1.74 y	32:37	1.18	1044.82	
Total Penta-PCB	2.55e+06	1.48 y	43:01	1.12	49.2394	Sum:1094.06
Total Hexa-PCB	7.94e+06	1.15 y	38:16	0.91	147.053	
Total Hexa-PCB	1.39e+07	1.26 y	42:05	1.00	233.853	Sum:380.905
Total Hepta-PCB	5.45e+06	0.98 y	44:02	1.35	102.768	
Total Octa-PCB	1.27e+06	0.79 y	48:13	0.95	25.0799	
Total Octa-PCB	2.69e+05	0.97 y	53:10	1.17	7.66527	Sum:32.7452
Total Nona-PCB	4.19e+05	1.21 y	53:18	0.89	11.5015	
Total Deca-PCB	1.38e+05	1.10 y	56:57	1.04	3.36192	

Total PCB Conc:16501.2931370

Integrations by Analyst: DB

Date: 3/7/18

Client ID: OWS-WAFO-T170926125646 Filename: 180303E1 S:5 Acq:3-MAR-18 17:27:35 ConCal: ST180303E1-1
Lab ID: 1701338-03 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol:1.0137 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-1	1.17e+08	3.14 y	1.13	15:59	0.618	0.616	0.622	1180	59.7
13C-PCB-3	1.53e+08	3.14 y	1.21	18:37	0.720	0.716	0.724	1430	72.7
13C-PCB-4	7.74e+07	1.56 y	0.59	19:58	0.772	0.769	0.777	1480	74.9
13C-PCB-9	1.31e+08	1.55 y	0.94	21:46	0.842	0.837	0.845	1580	79.9
13C-PCB-11	1.46e+08	1.54 y	0.95	25:09	0.973	0.968	0.978	1750	88.8
13C-PCB-19	1.09e+08	1.03 y	0.62	24:08	0.934	0.928	0.938	1980	100
13C-PCB-28	1.42e+08	1.02 y	1.05	29:01	1.003	0.999	1.009	2020	102
13C-PCB-32	1.70e+08	1.05 y	0.91	27:03	1.046	1.041	1.051	2130	108
13C-PCB-37	1.32e+08	1.05 y	1.02	32:54	1.138	1.132	1.144	1930	98.0
13C-PCB-47	1.36e+08	0.79 y	0.83	31:57	0.871	0.867	0.875	2210	112
13C-PCB-52	1.24e+08	0.79 y	0.76	31:26	0.856	0.853	0.861	2210	112
13C-PCB-54	1.51e+08	0.79 y	0.93	27:53	0.760	0.756	0.764	2210	112
13C-PCB-70	1.37e+08	0.80 y	1.00	35:27	0.966	0.961	0.971	1860	94.3
13C-PCB-77	1.41e+08	0.81 y	0.96	39:34	1.078	1.073	1.083	2000	101
13C-PCB-80	1.33e+08	0.78 y	1.00	35:53	0.978	0.973	0.983	1820	92.0
13C-PCB-81	1.48e+08	0.79 y	1.01	38:59	1.062	1.057	1.067	2000	101
13C-PCB-95	8.69e+07	1.55 y	0.80	35:46	0.913	0.908	0.918	1680	85.0
13C-PCB-97	8.59e+07	1.60 y	0.70	38:45	0.989	0.984	0.994	1900	96.1
13C-PCB-101	9.26e+07	1.57 y	0.80	37:27	0.956	0.951	0.961	1790	90.6
13C-PCB-104	1.33e+08	1.56 y	1.01	32:36	0.832	0.828	0.836	2040	104
13C-PCB-105	9.11e+07	1.59 y	1.14	43:00	0.929	0.924	0.934	1650	83.5
13C-PCB-114	9.09e+07	1.58 y	1.18	42:08	0.910	0.905	0.915	1590	80.4
13C-PCB-118	1.23e+08	1.59 y	1.00	41:29	1.059	1.054	1.064	1920	97.1
13C-PCB-123	1.19e+08	1.53 y	0.95	41:18	1.054	1.049	1.059	1950	98.9
13C-PCB-126	9.43e+07	1.57 y	1.14	45:14	0.977	0.972	0.982	1710	86.8
13C-PCB-127	9.97e+07	1.58 y	1.24	43:20	0.936	0.931	0.941	1660	83.9
13C-PCB-138	1.02e+08	1.24 y	1.17	44:44	0.967	0.962	0.972	1800	91.1
13C-PCB-141	9.57e+07	1.26 y	1.11	43:54	0.949	0.944	0.954	1780	90.4
13C-PCB-153	1.13e+08	1.27 y	1.34	43:10	0.933	0.928	0.938	1740	88.3
13C-PCB-155	1.23e+08	1.25 y	0.83	36:59	0.944	0.939	0.949	2310	117
13C-PCB-156	1.27e+08	1.28 y	1.38	47:59	1.037	1.032	1.042	1890	95.9
13C-PCB-157	1.26e+08	1.28 y	1.37	48:15	1.042	1.037	1.047	1900	96.3
13C-PCB-159	1.26e+08	1.27 y	1.39	46:01	0.994	0.989	0.999	1870	94.8
13C-PCB-167	1.25e+08	1.27 y	1.40	46:42	1.009	1.004	1.014	1850	93.7
13C-PCB-169	1.22e+08	1.26 y	1.39	50:28	1.090	1.085	1.095	1810	91.8
13C-PCB-170	6.38e+07	0.44 y	0.86	50:52	1.103	1.097	1.109	1990	101
13C-PCB-180	7.19e+07	0.45 y	0.98	49:17	1.069	1.064	1.074	1970	100.0
13C-PCB-188	9.19e+07	0.45 y	1.40	42:47	0.928	0.923	0.933	1760	89.3
13C-PCB-189	8.63e+07	0.45 y	1.15	52:29	1.138	1.132	1.144	2010	102
13C-PCB-194	6.18e+07	0.91 y	0.77	54:03	0.995	0.990	1.000	1850	93.6
13C-PCB-202	1.14e+08	0.90 y	1.28	48:12	1.045	1.040	1.050	2390	121
13C-PCB-206	7.35e+07	0.77 y	0.81	55:36	1.024	1.019	1.029	2090	106
13C-PCB-208	9.27e+07	0.77 y	1.09	53:18	0.981	0.977	0.987	1950	99.0
13C-PCB-209	7.80e+07	1.19 y	0.74	56:56	1.048	1.043	1.053	2440	124

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.53e+08	0.79 y	1.03	37:46	1.029	1.024	1.034	2020	102
13C-PCB-178	6.92e+07	0.46 y	0.93	45:35	0.985	0.980	0.990	2000	101

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.53e+08	0.79 y	1.03	37:46	0.969	0.963	0.973	1990	101
13C-PCB-178	6.92e+07	0.46 y	0.95	45:35	0.925	0.920	0.930	2000	101

RS

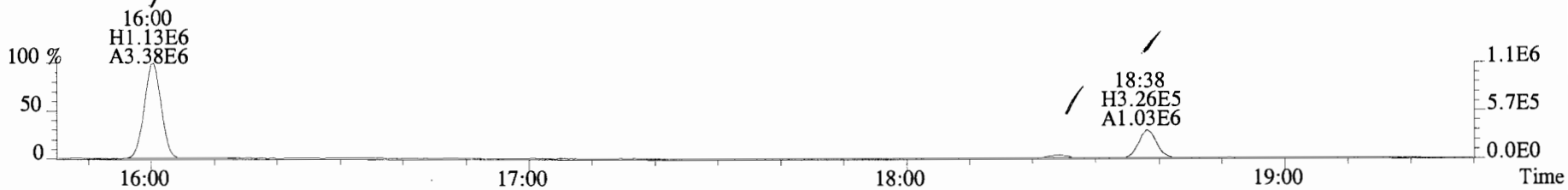
Name	Resp	RA	RRF	RT	Conc
13C-PCB-15	1.74e+08	1.53 y	1.00	25:51	1970
13C-PCB-31	1.32e+08	1.02 y	1.00	28:55	1970
13C-PCB-60	1.45e+08	0.79 y	1.00	36:42	1970
13C-PCB-111	1.27e+08	1.57 y	1.00	39:11	1970
13C-PCB-128	9.56e+07	1.26 y	1.00	46:17	1970
13C-PCB-182	7.37e+07	0.45 y	1.00	46:07	1970
13C-PCB-205	8.57e+07	0.90 y	1.00	54:19	1970

Analyst: DB

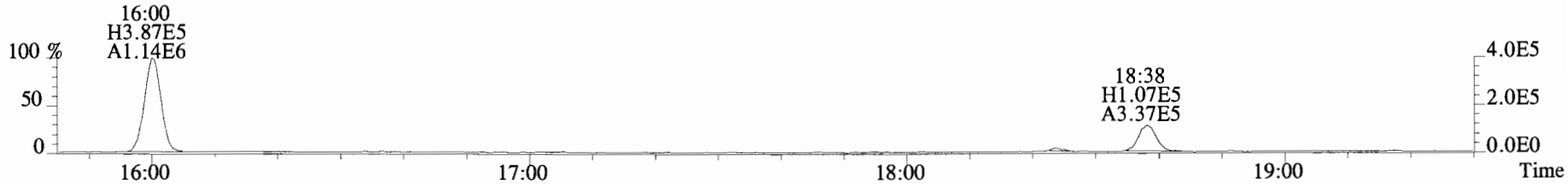
Date: 3/7/18

File:180303E1 #1-867 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1

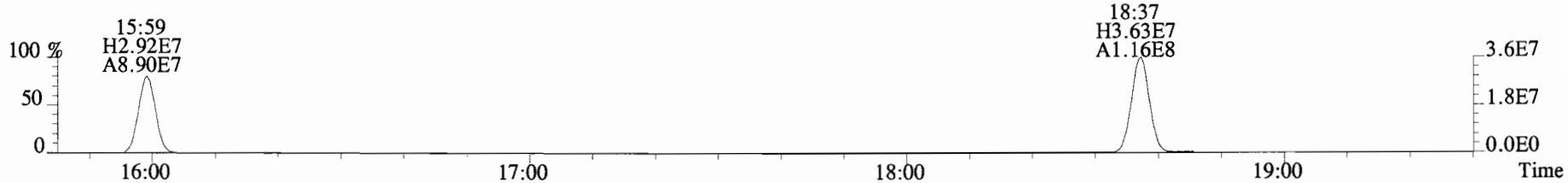
188.0393 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11436.0,0.00%,F,F)



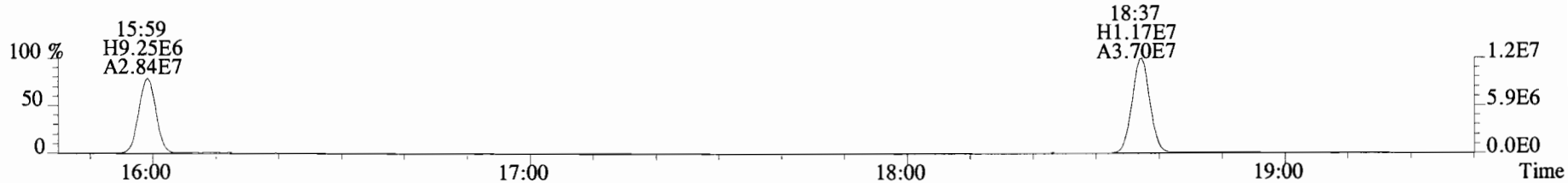
190.0363 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7664.0,0.00%,F,F)



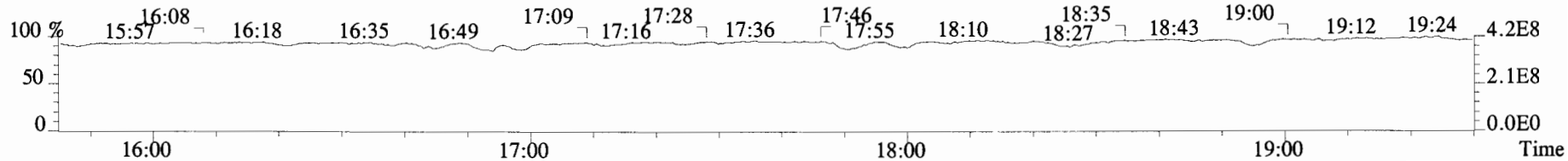
200.0795 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8652.0,0.00%,F,F)



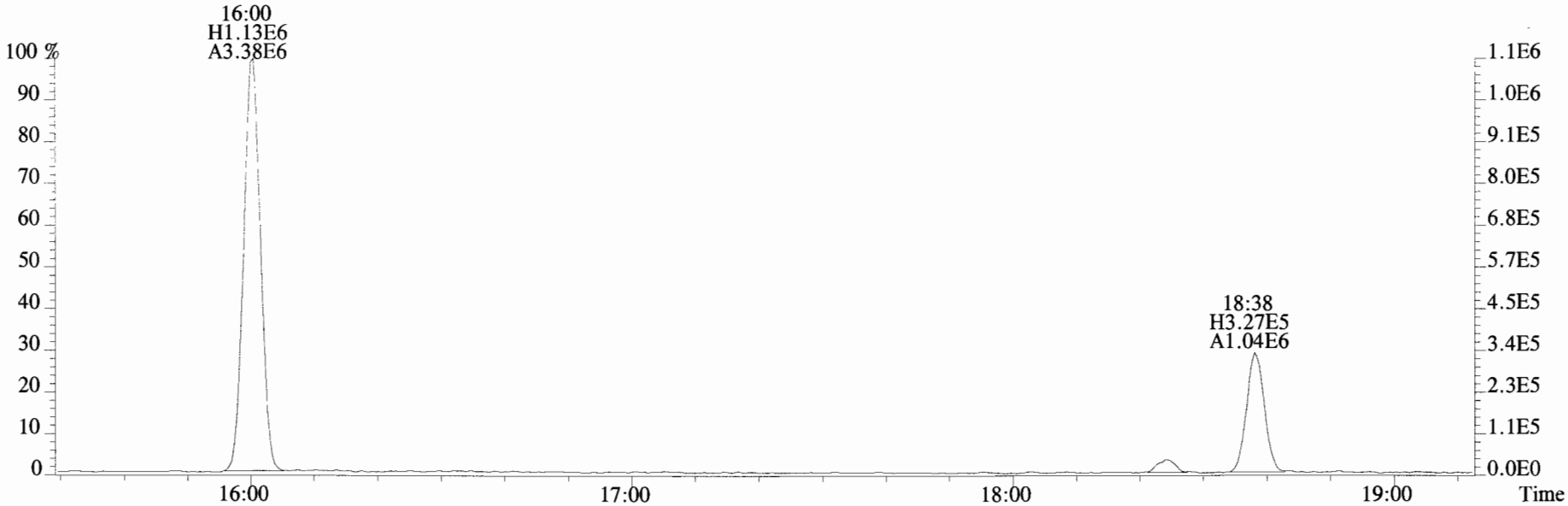
202.0766 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27816.0,0.00%,F,F)



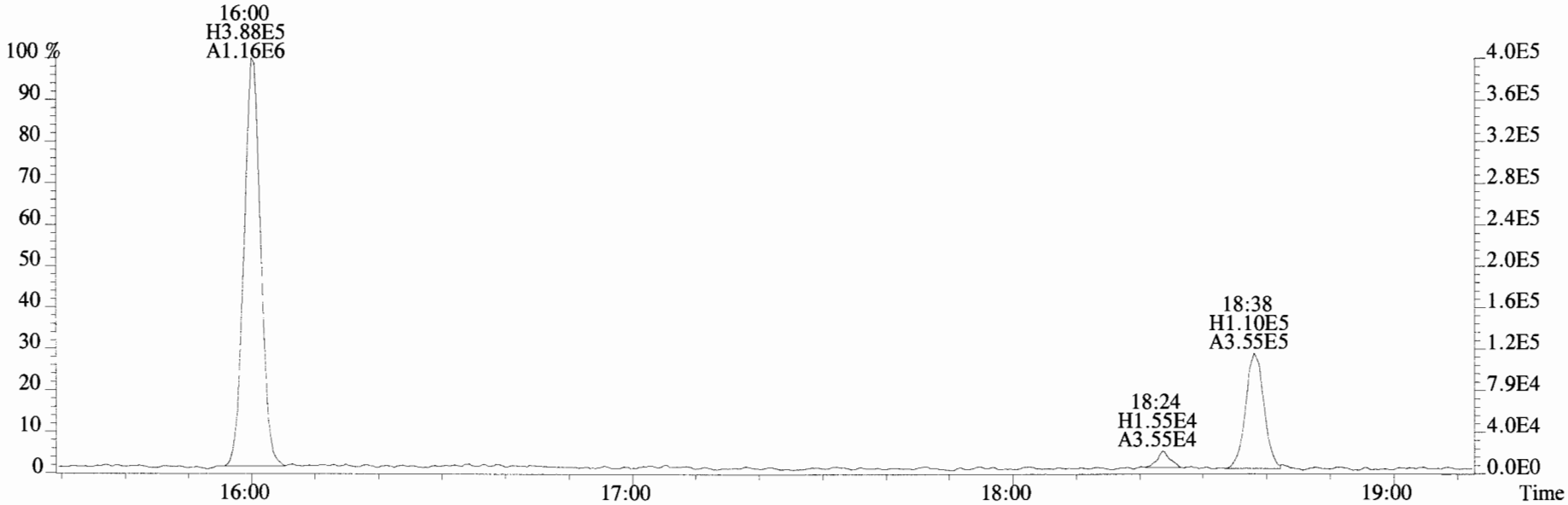
180.9880 S:5



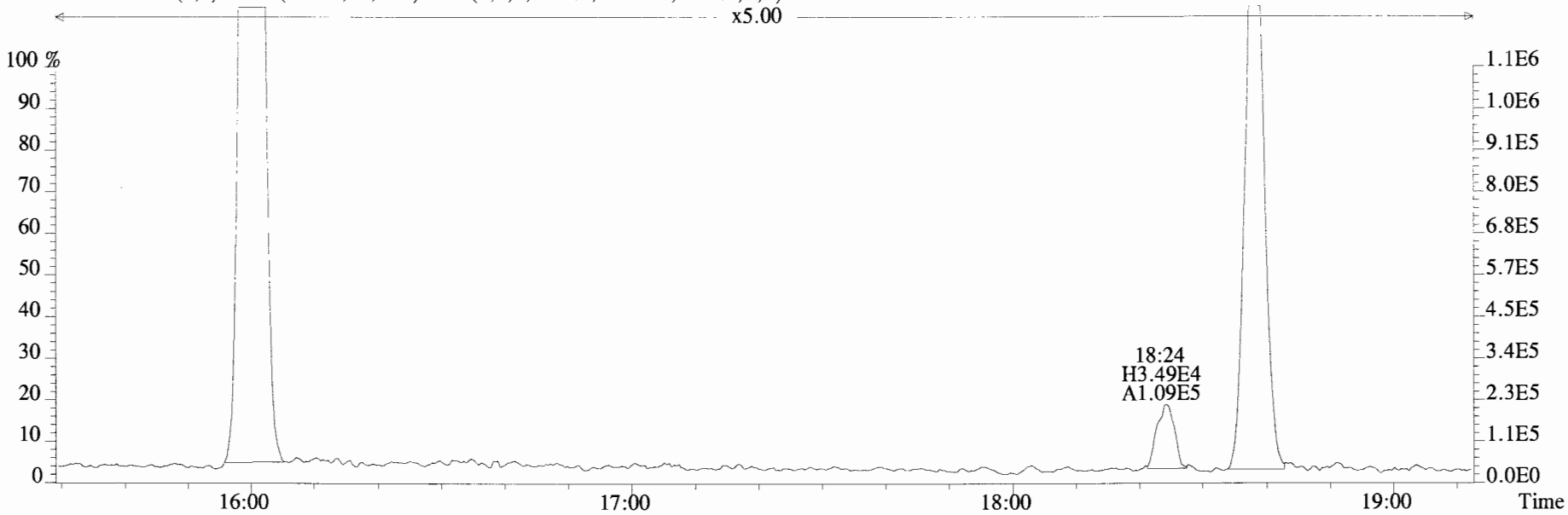
File:180303E1 #1-867 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
188.0393 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11436.0,0.00%,F,F)



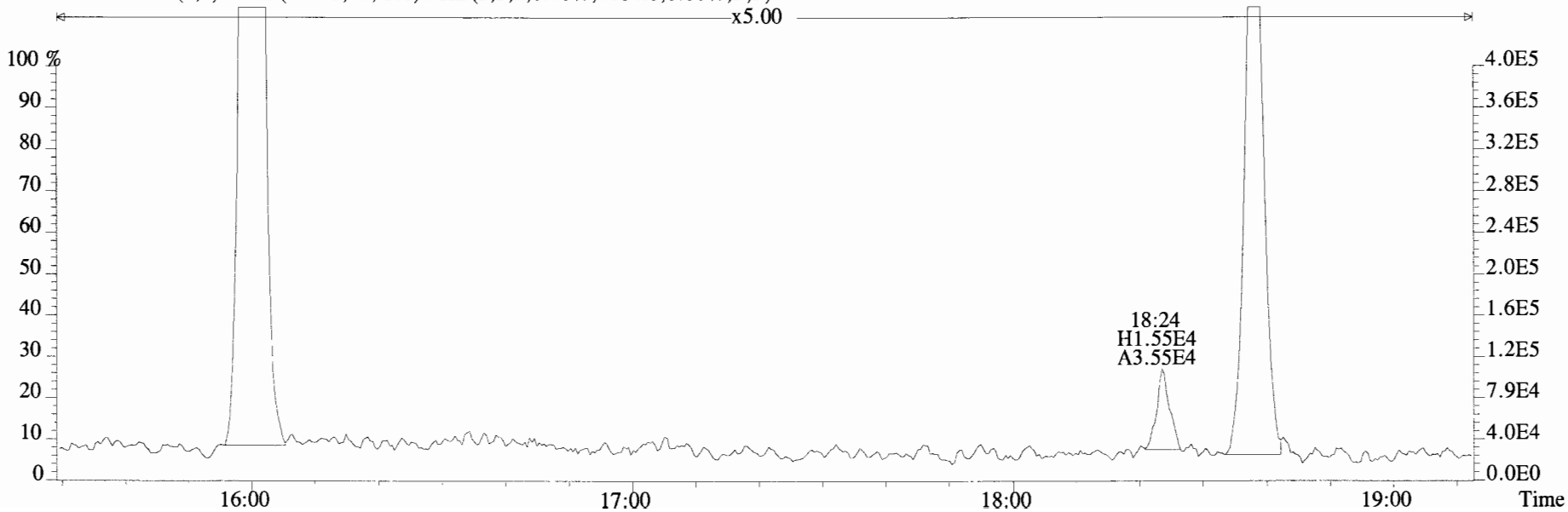
190.0363 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7664.0,0.00%,F,F)



File:180303E1 #1-867 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
188.0393 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11436.0,0.00%,F,F)

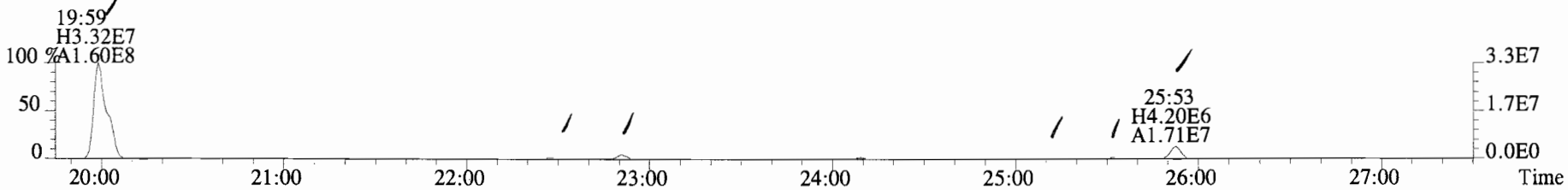


190.0363 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7664.0,0.00%,F,F)

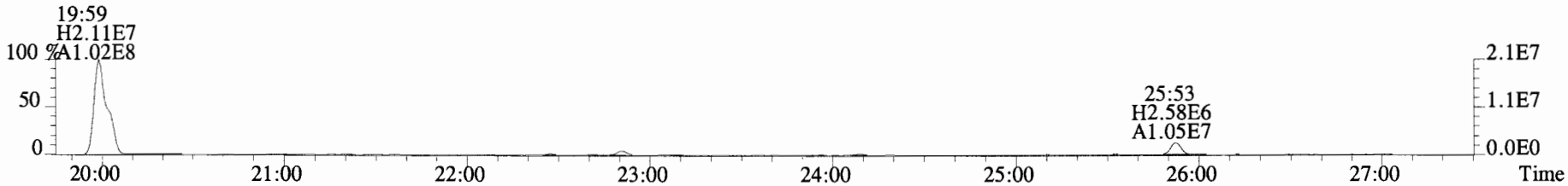


File:180303E1 #1-757 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1

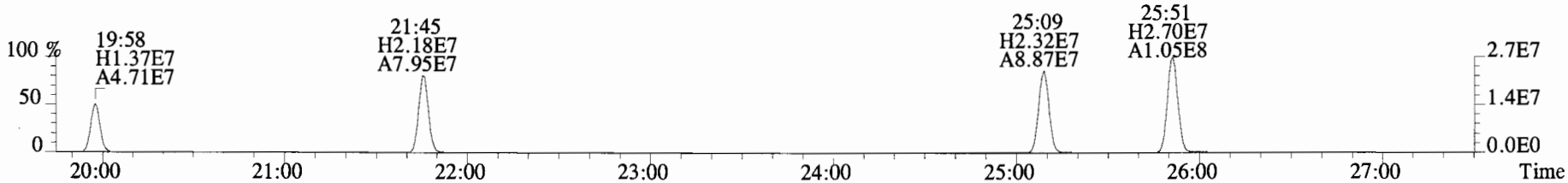
222.0003 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5252.0,0.00%,F,F)



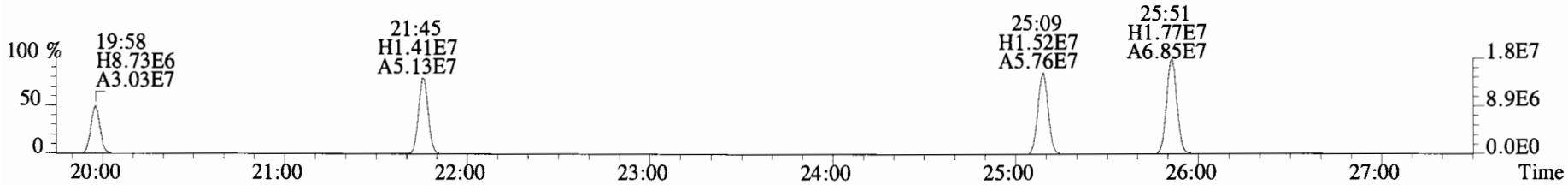
223.9974 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,85252.0,0.00%,F,F)



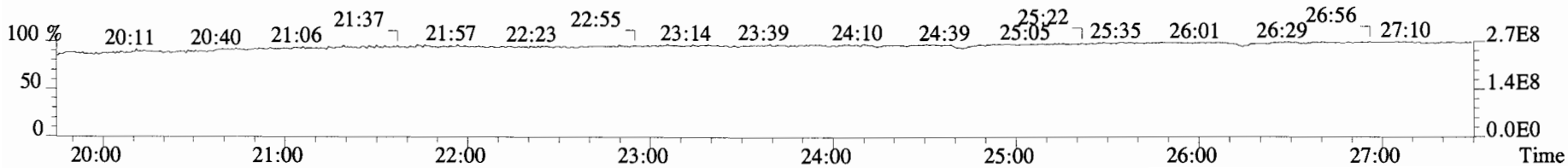
234.0406 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7320.0,0.00%,F,F)



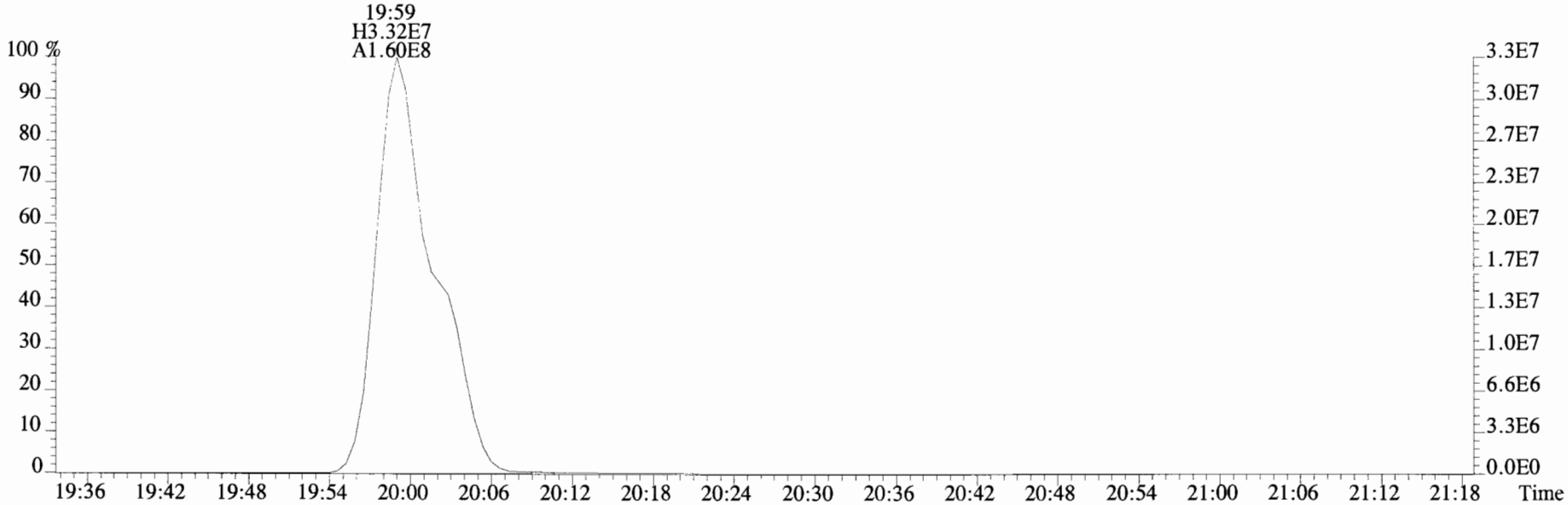
236.0376 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5760.0,0.00%,F,F)



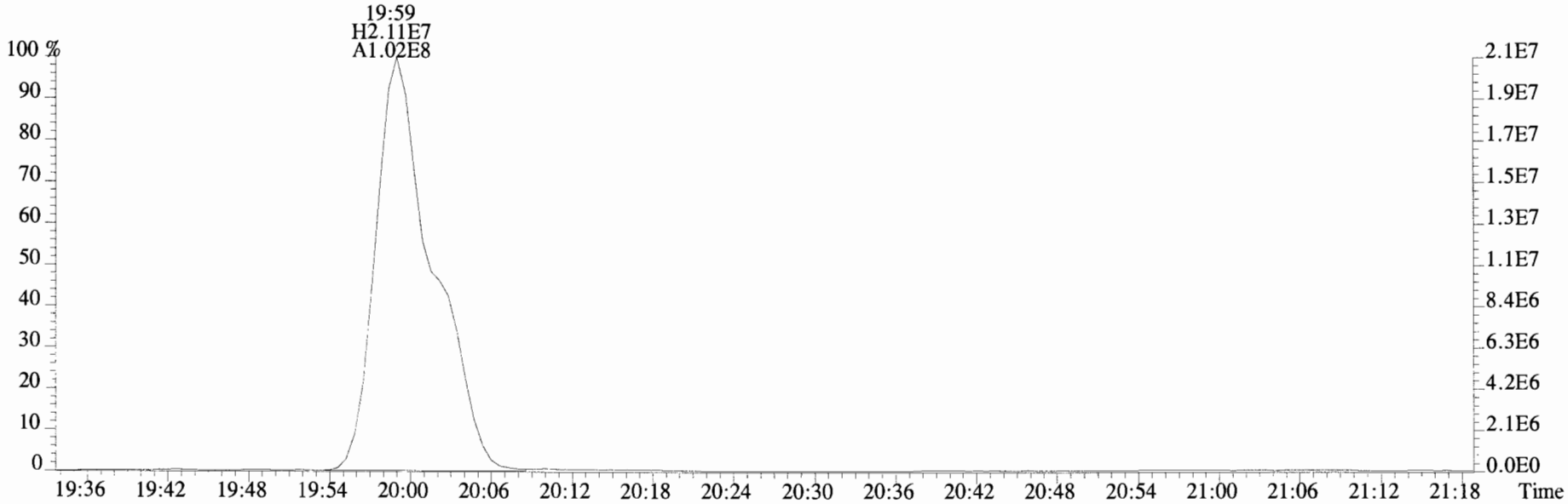
230.9856 S:5 F:2



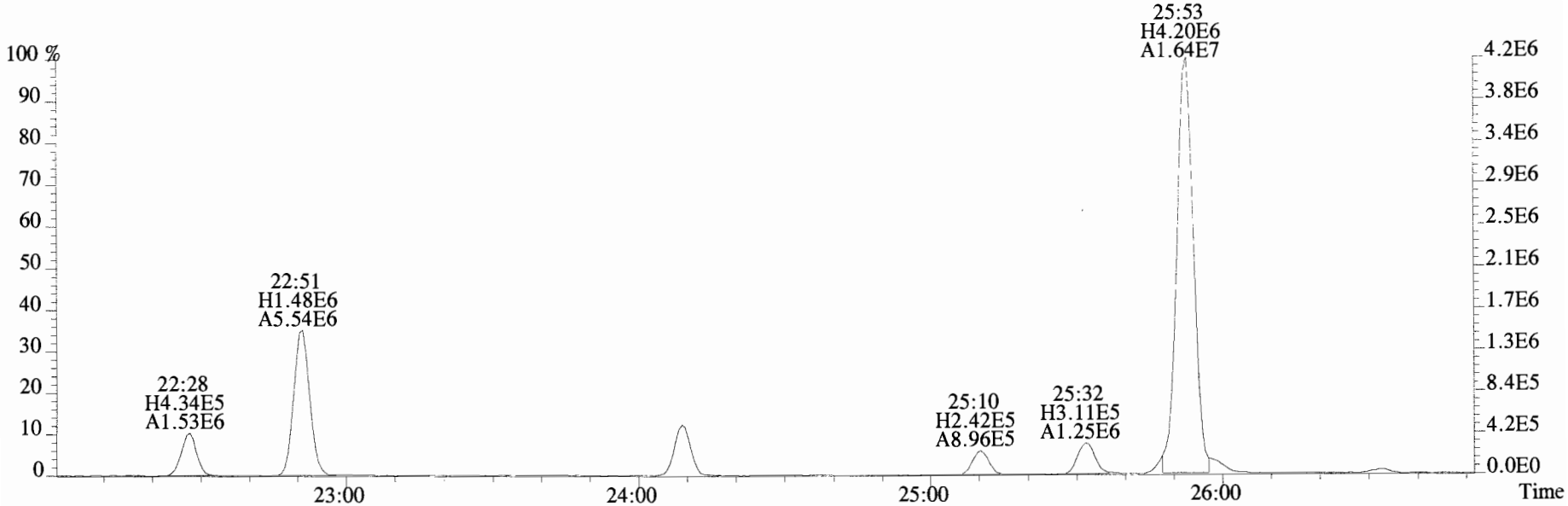
File:180303E1 #1-757 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
222.0003 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5252.0,0.00%,F,F)



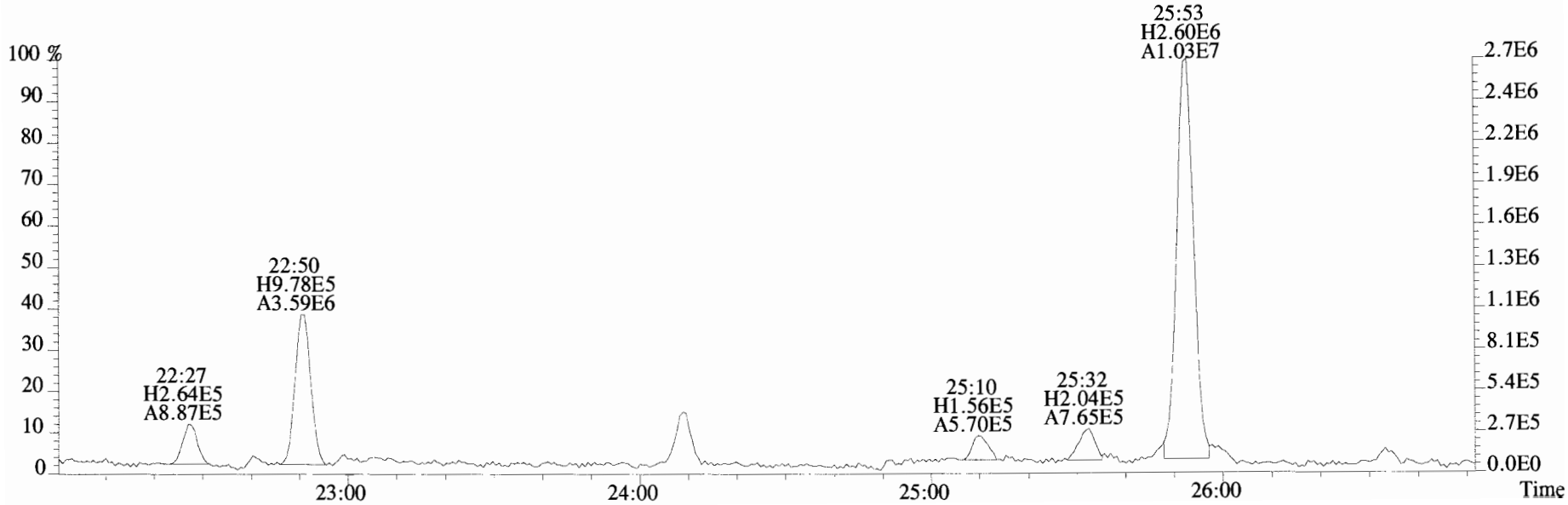
223.9974 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,85252.0,0.00%,F,F)



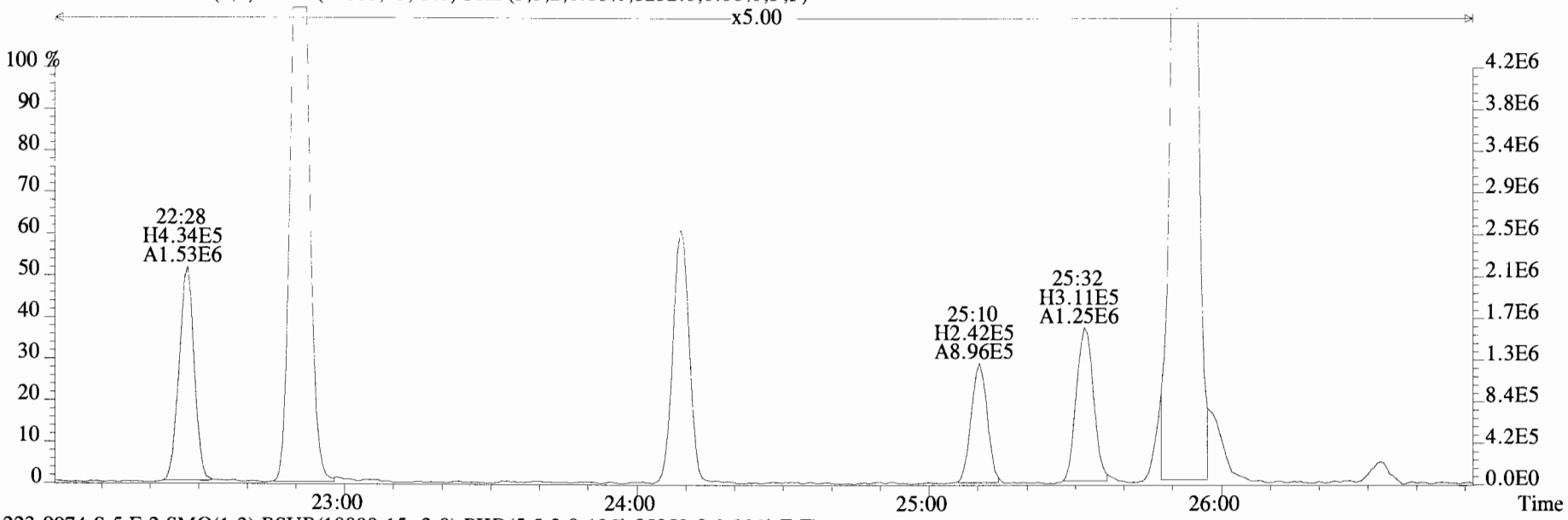
File:180303E1 #1-757 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
222.0003 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5252.0,0.00%,F,F)



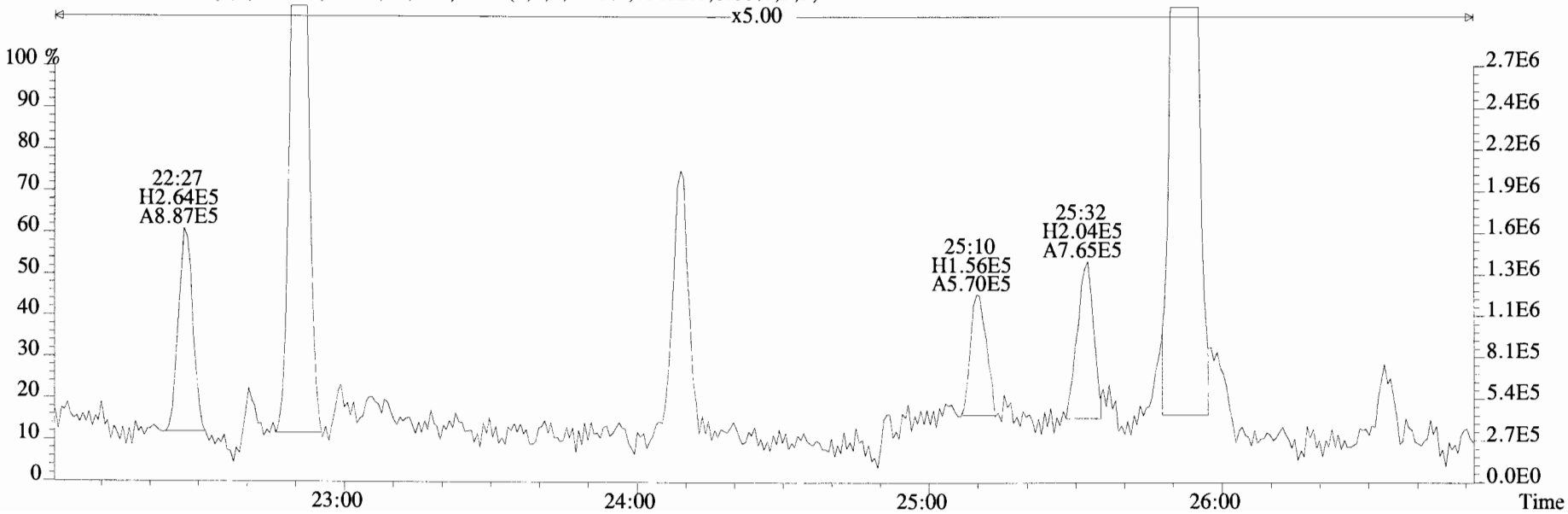
223.9974 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,85252.0,0.00%,F,F)



File:180303E1 #1-757 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
222.0003 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5252.0,0.00%,F,F)

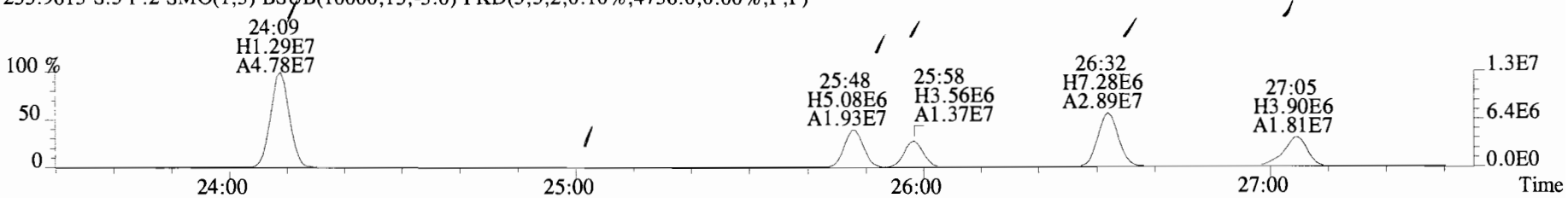


223.9974 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,85252.0,0.00%,F,F)

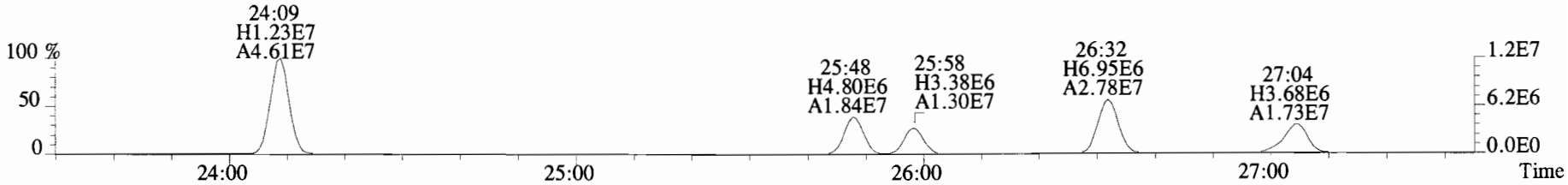


File:180303E1 #1-757 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1

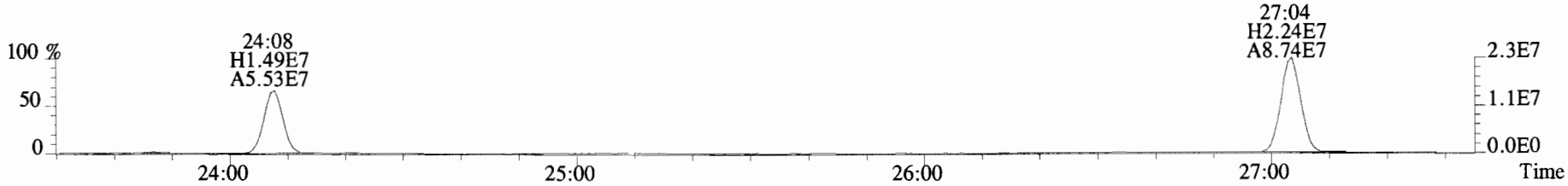
255.9613 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4736.0,0.00%,F,F)



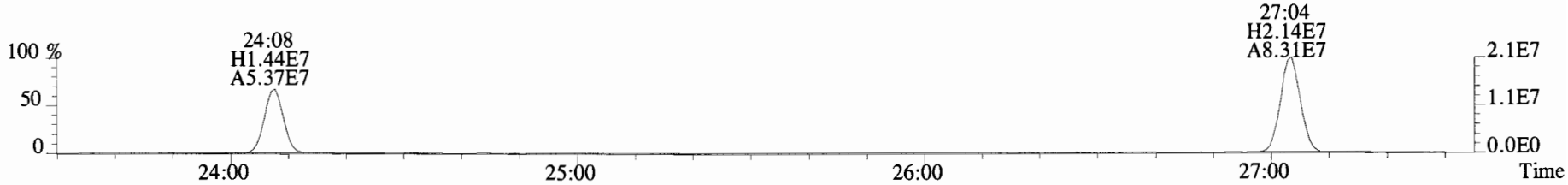
257.9584 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3404.0,0.00%,F,F)



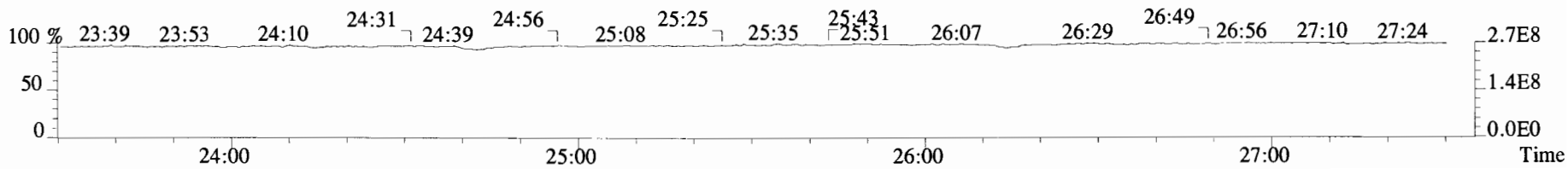
268.0016 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,224208.0,0.00%,F,F)



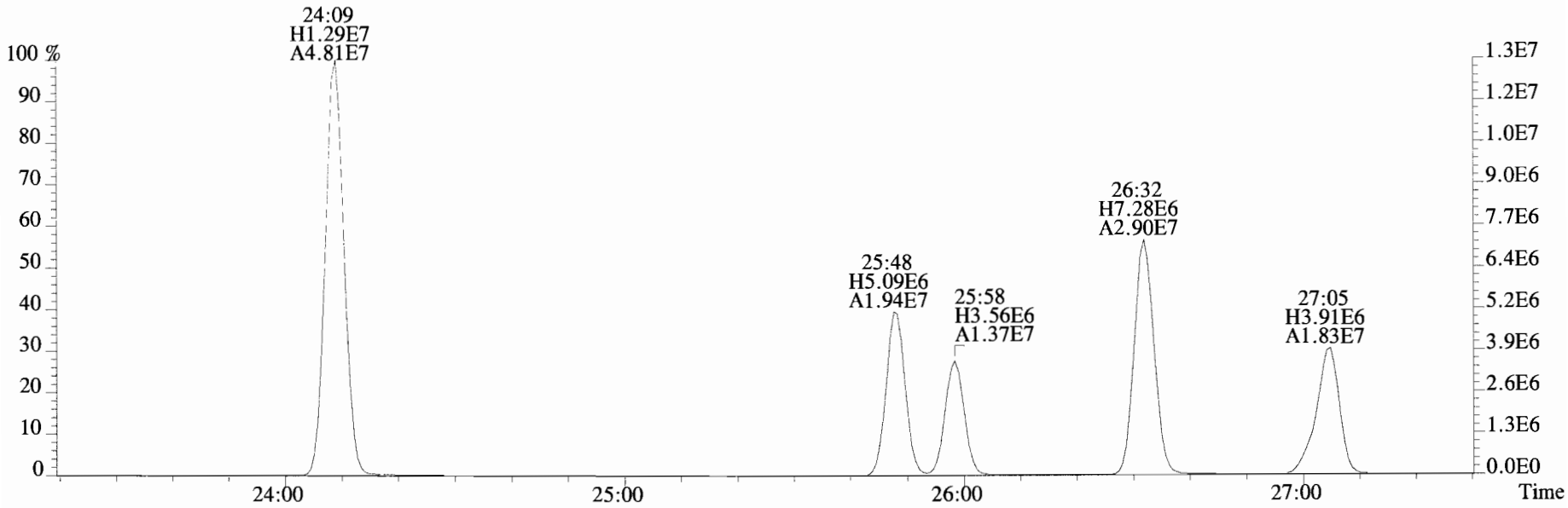
269.9986 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,124648.0,0.00%,F,F)



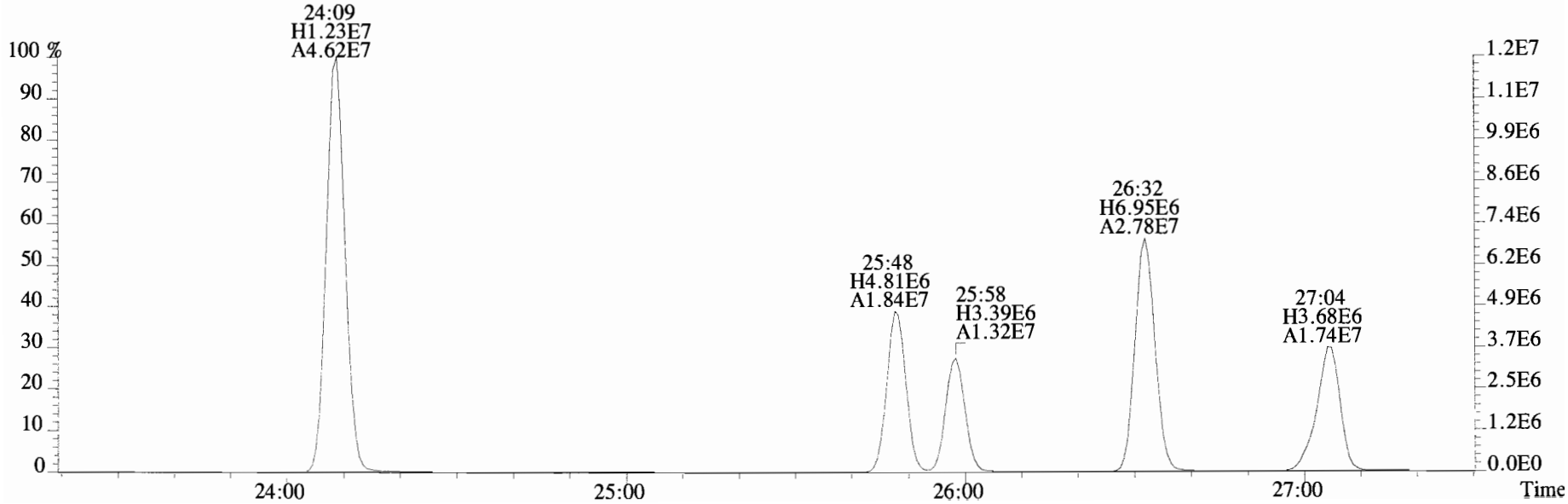
230.9856 S:5 F:2



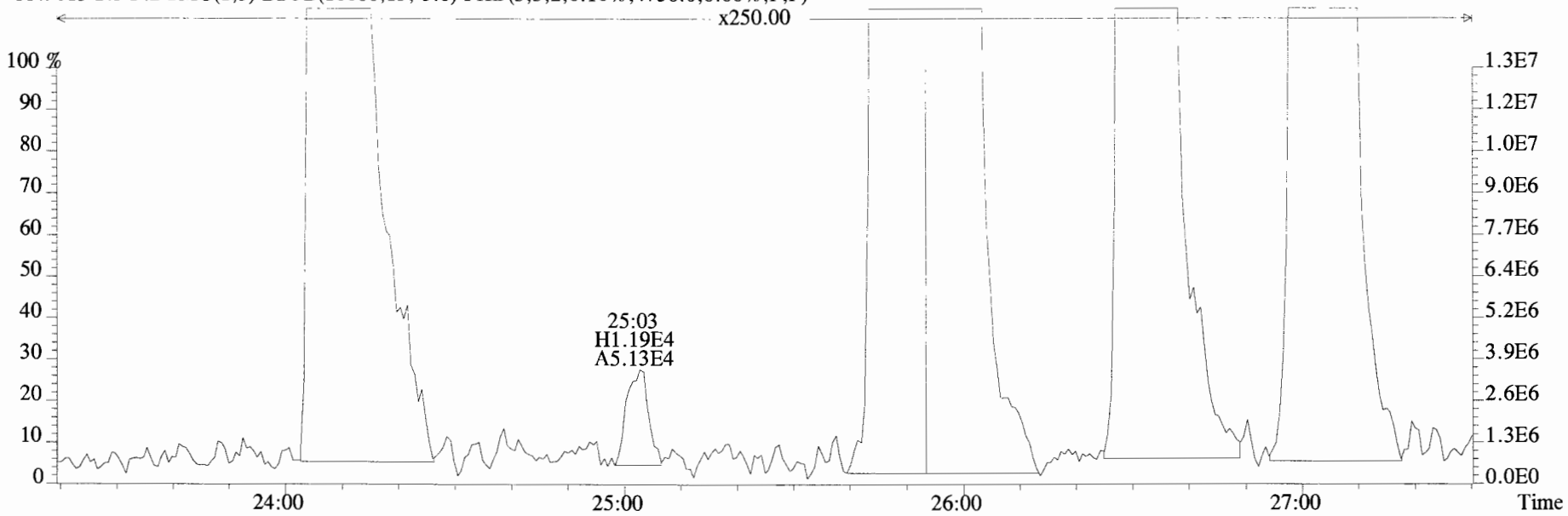
File:180303E1 #1-757 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
255.9613 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4736.0,0.00%,F,F)



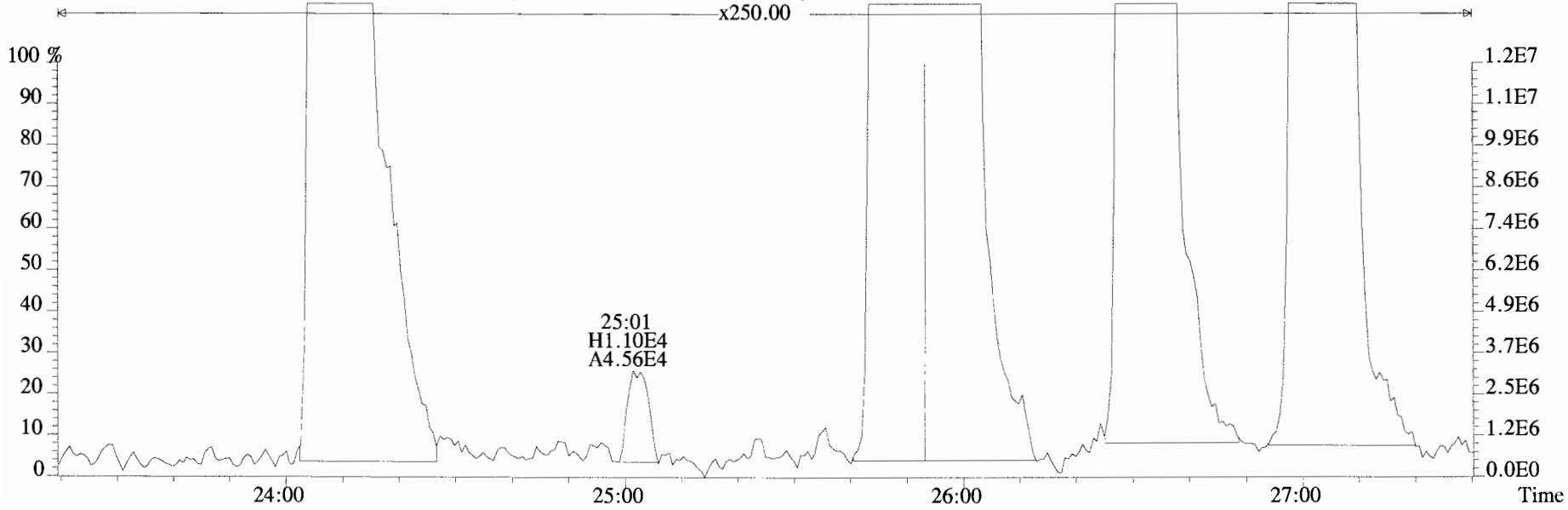
257.9584 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3404.0,0.00%,F,F)



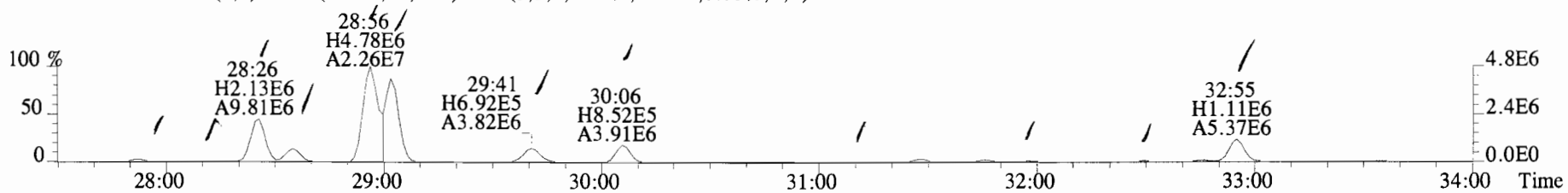
File:180303E1 #1-757 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
255.9613 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4736.0,0.00%,F,F)



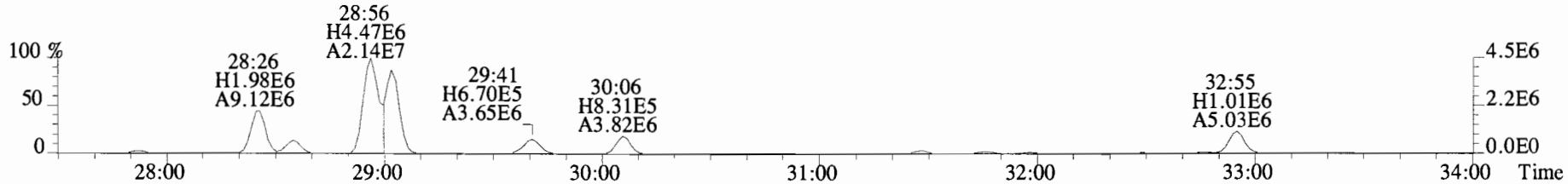
257.9584 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3404.0,0.00%,F,F)



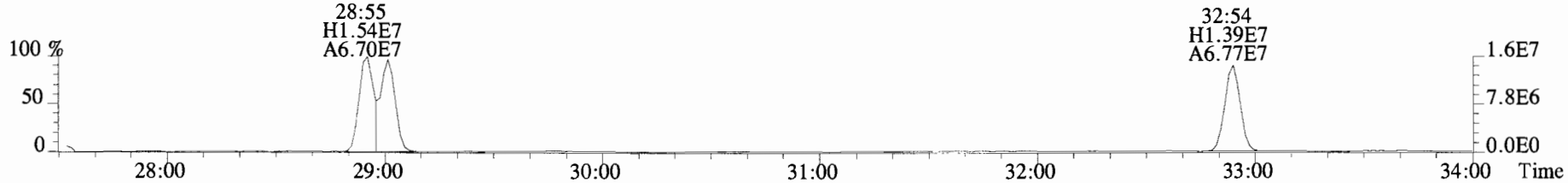
File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
255.9613 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4904.0,0.00%,F,F)



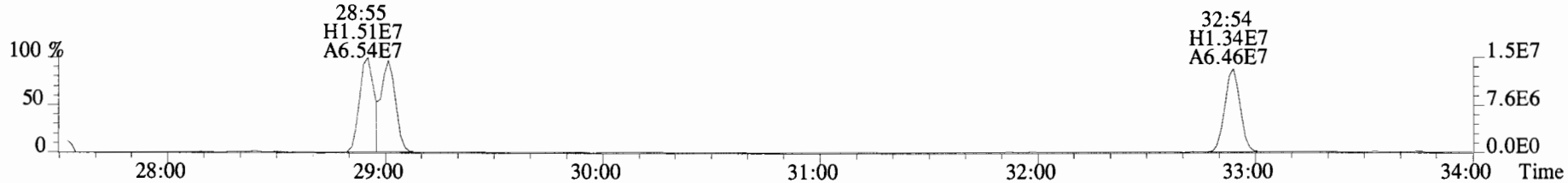
257.9584 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3080.0,0.00%,F,F)



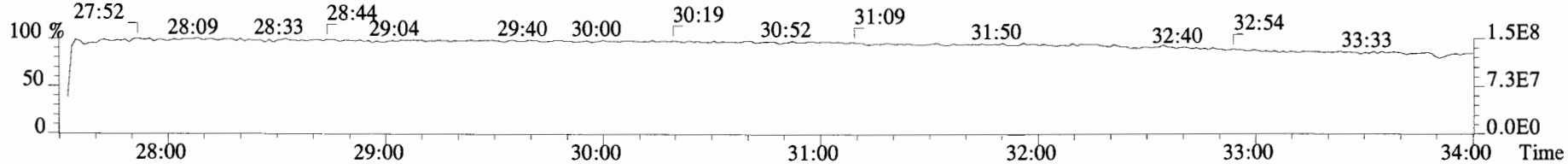
268.0016 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,180548.0,0.00%,F,F)



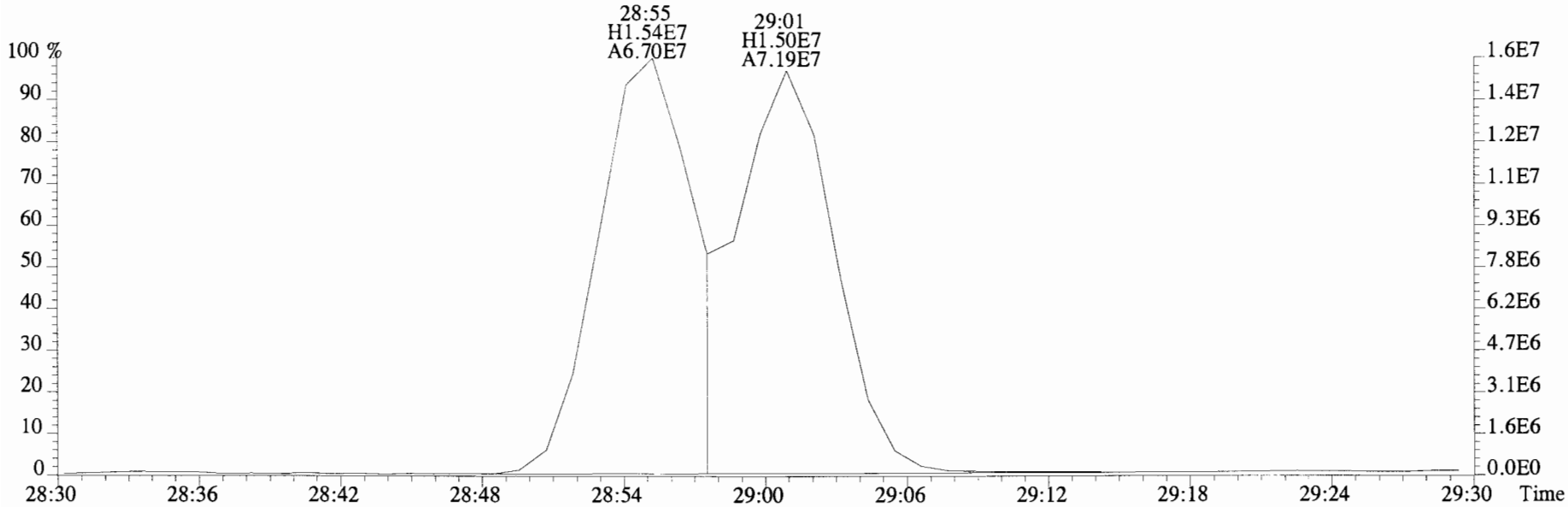
269.9986 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,88144.0,0.00%,F,F)



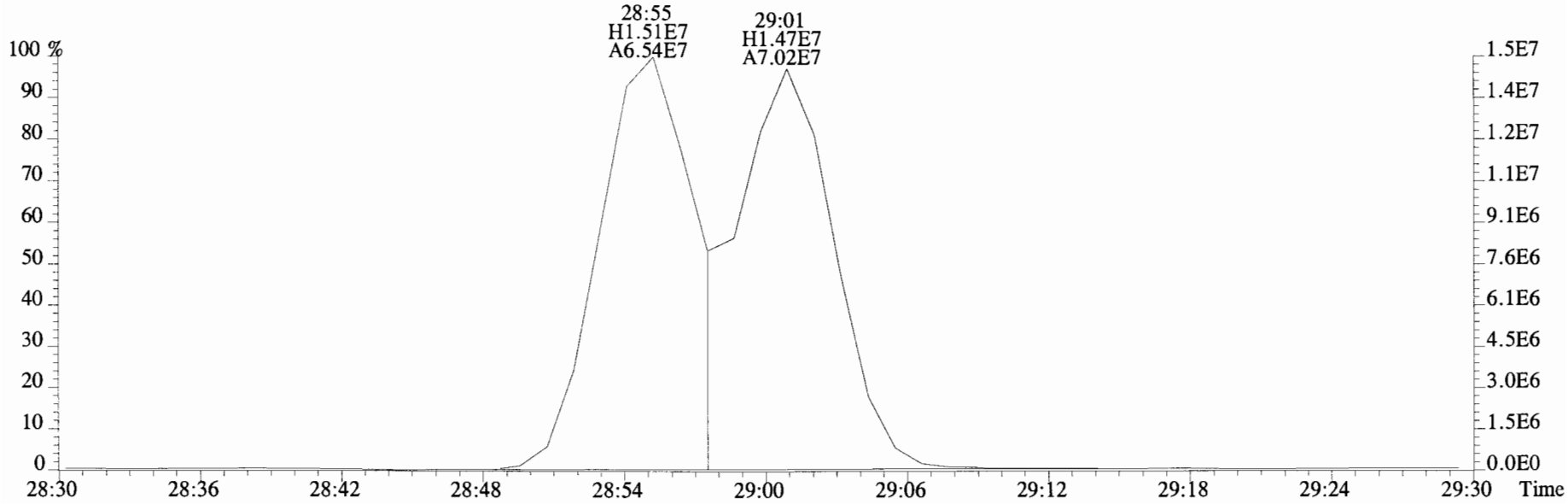
330.9792 S:5 F:3



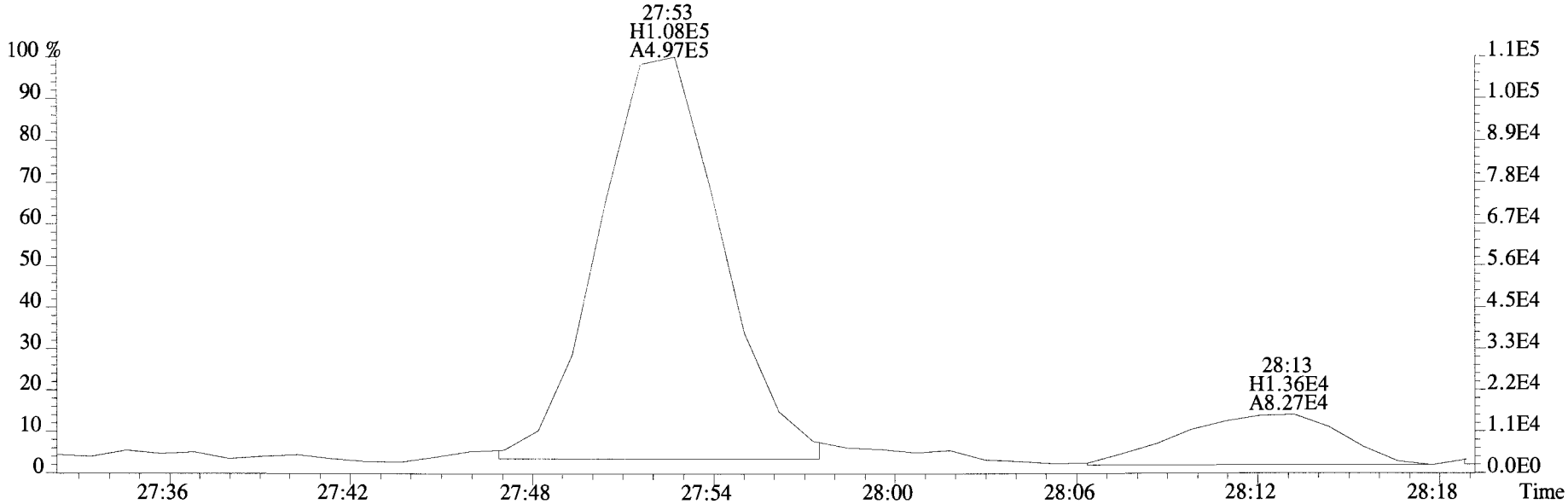
File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
268.0016 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,180548.0,0.00%,F,F)



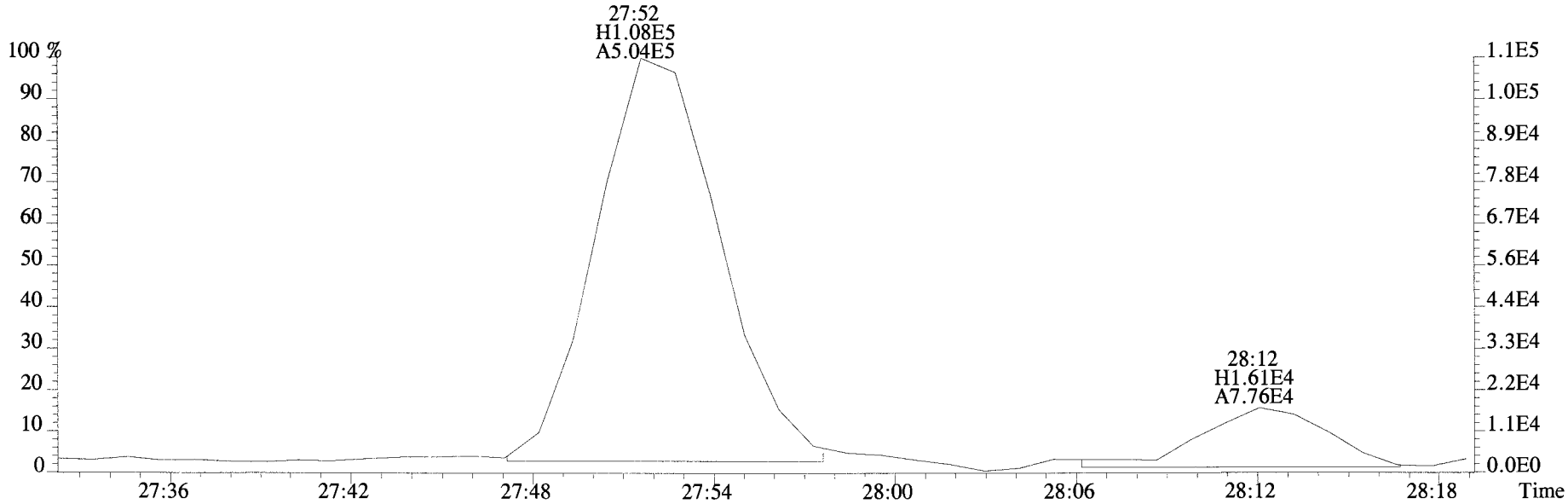
269.9986 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,88144.0,0.00%,F,F)



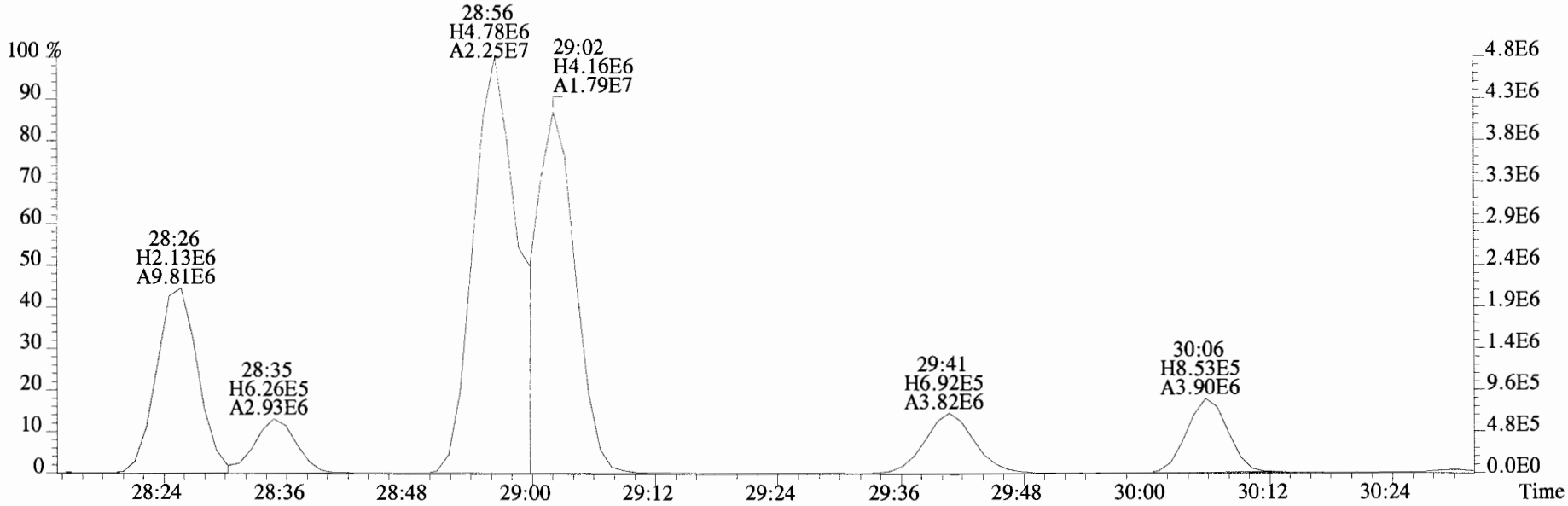
File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
255.9613 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4904.0,0.00%,F,F)



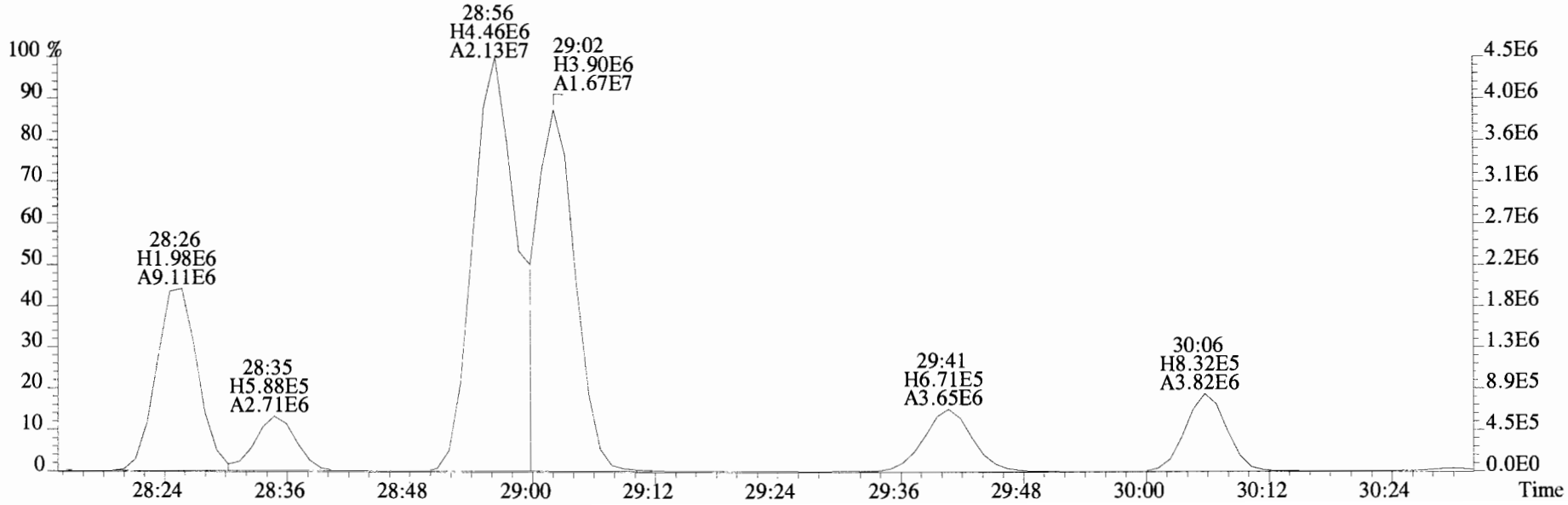
257.9584 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3080.0,0.00%,F,F)



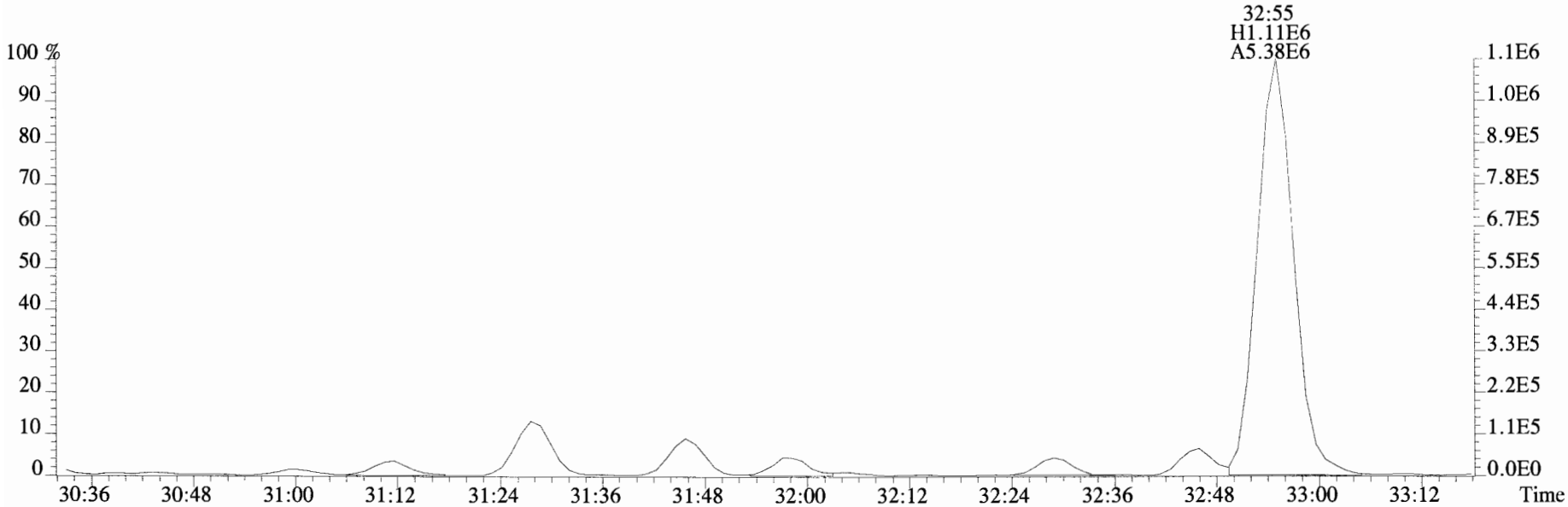
File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
255.9613 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4904.0,0.00%,F,F)



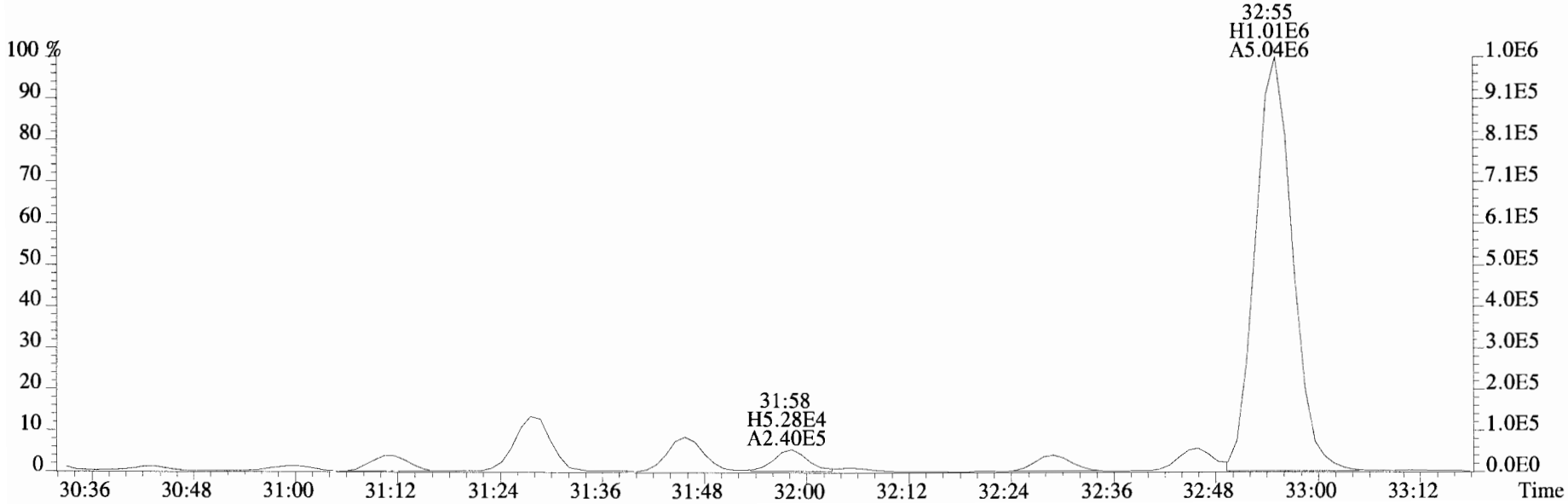
257.9584 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3080.0,0.00%,F,F)



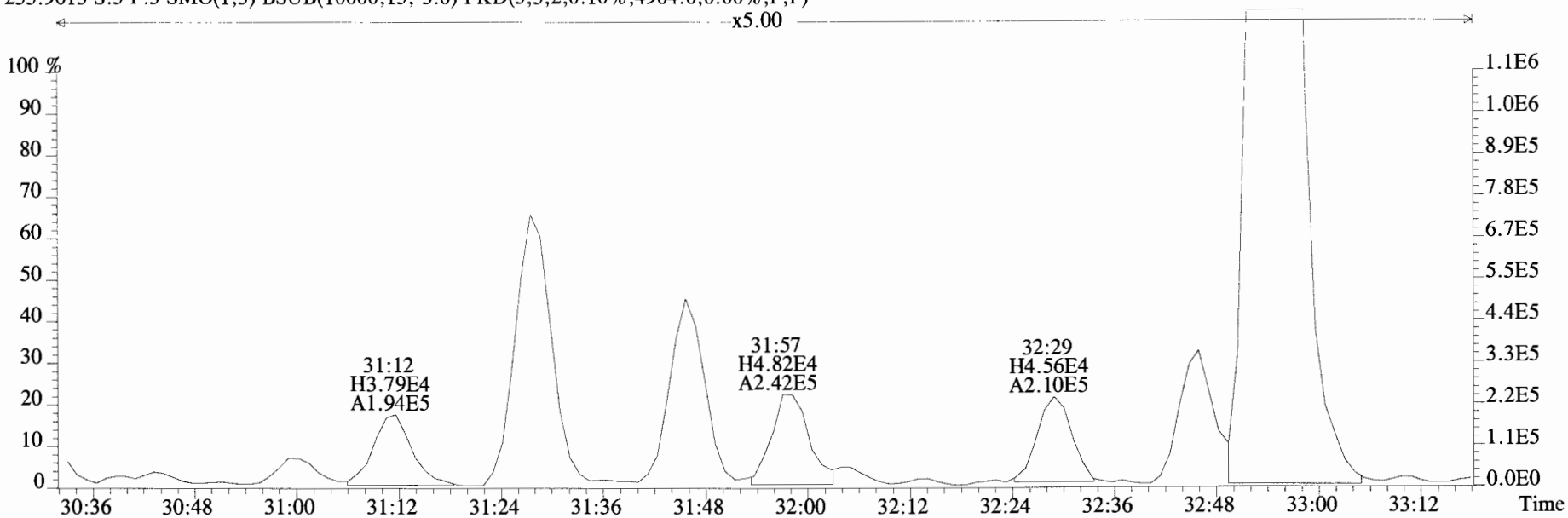
File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
255.9613 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4904.0,0.00%,F,F)



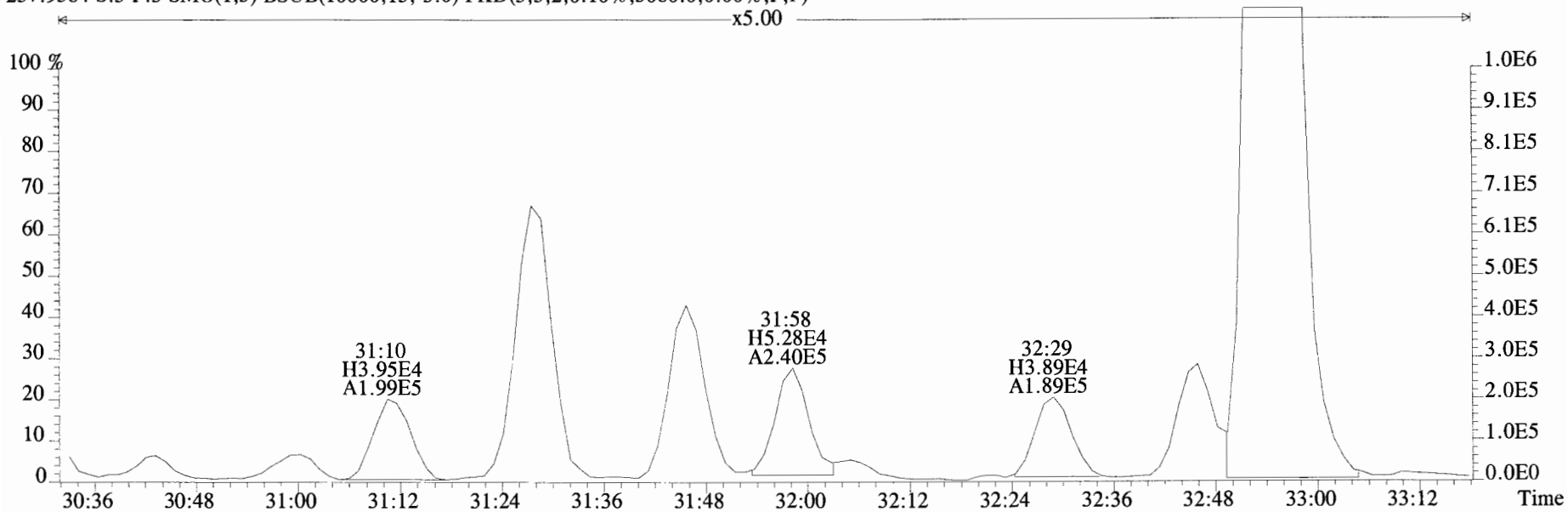
257.9584 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3080.0,0.00%,F,F)



File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
255.9613 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4904.0,0.00%,F,F)

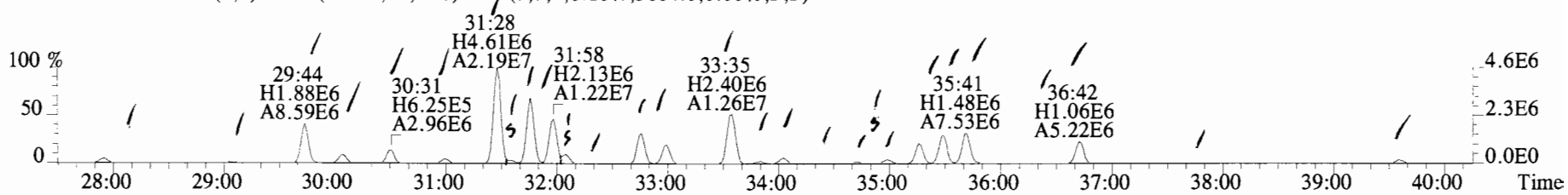


257.9584 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3080.0,0.00%,F,F)

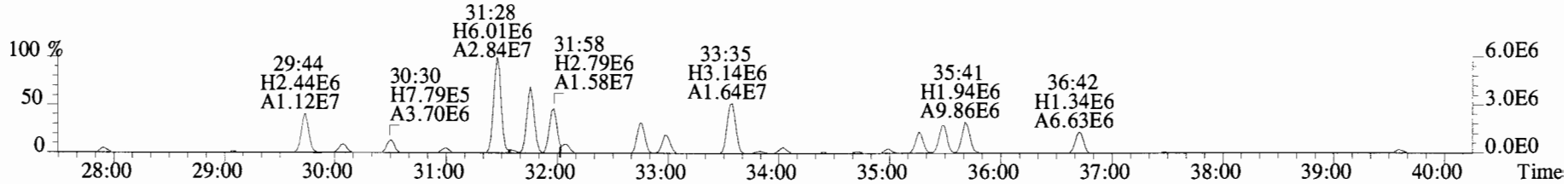


File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1

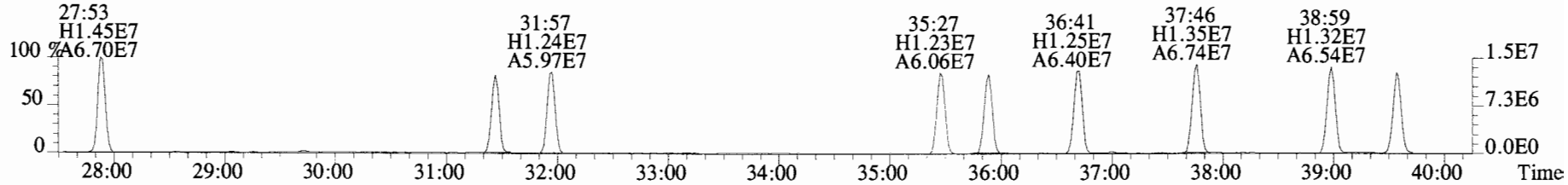
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3684.0,0.00%,F,F)



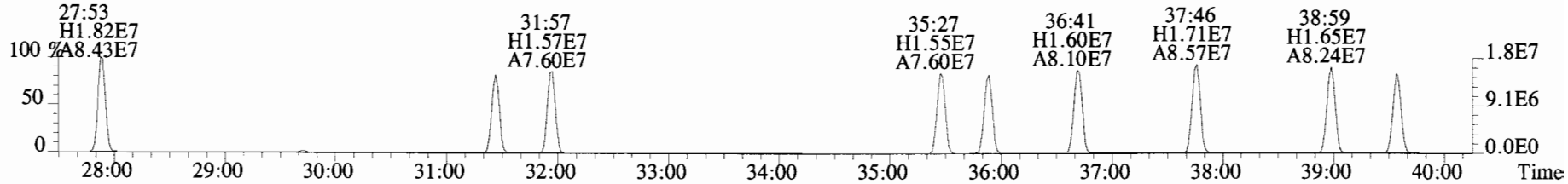
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2736.0,0.00%,F,F)



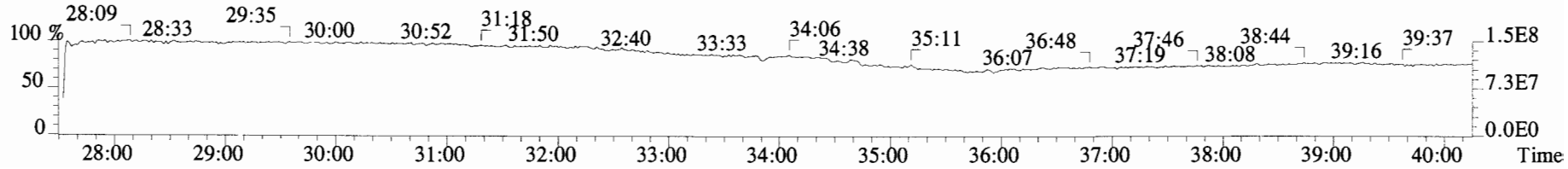
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,58676.0,0.00%,F,F)



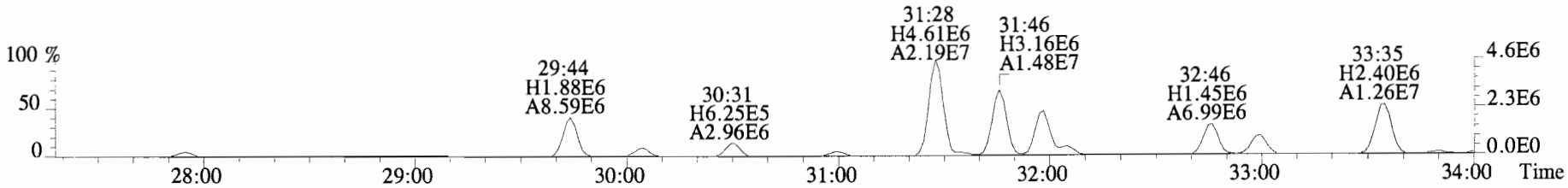
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29620.0,0.00%,F,F)



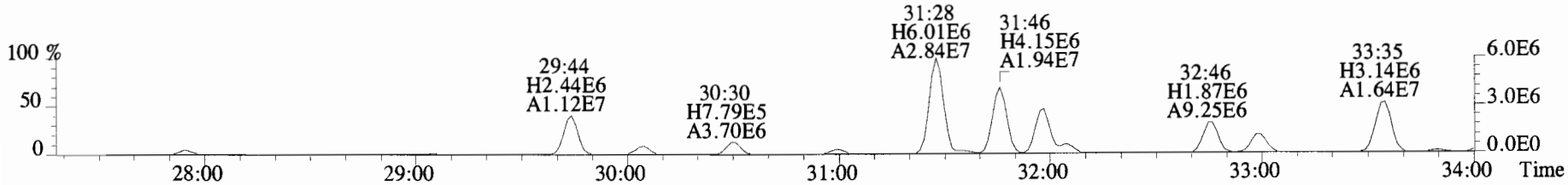
330.9792 S:5 F:3



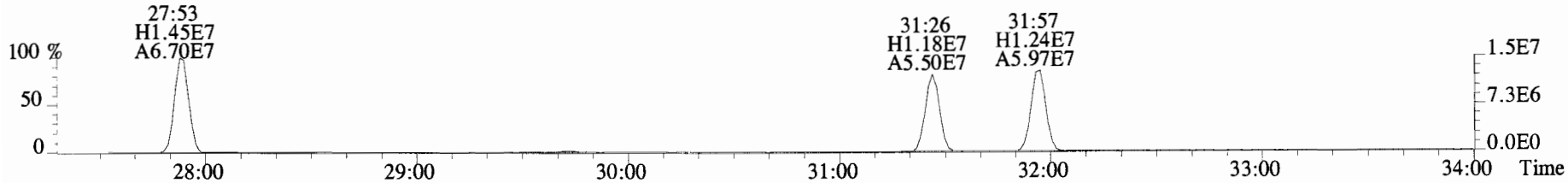
File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3684.0,0.00%,F,F)



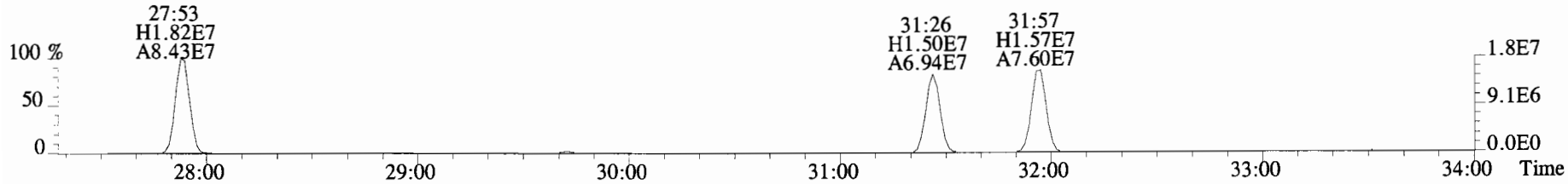
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2736.0,0.00%,F,F)



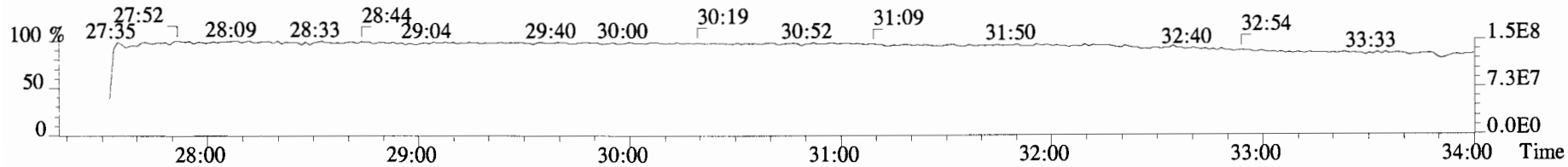
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,58676.0,0.00%,F,F)



303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29620.0,0.00%,F,F)

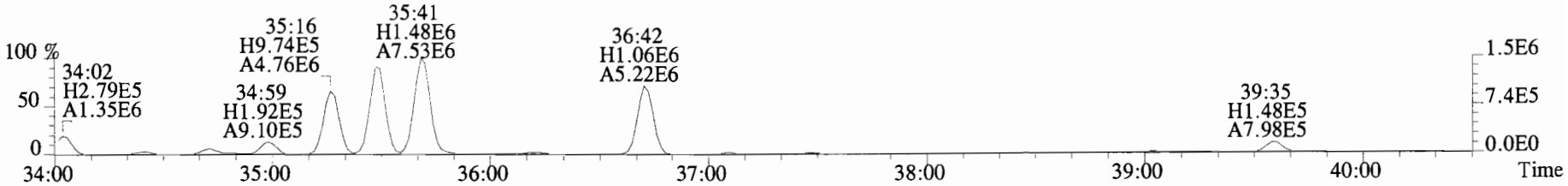


330.9792 S:5 F:3

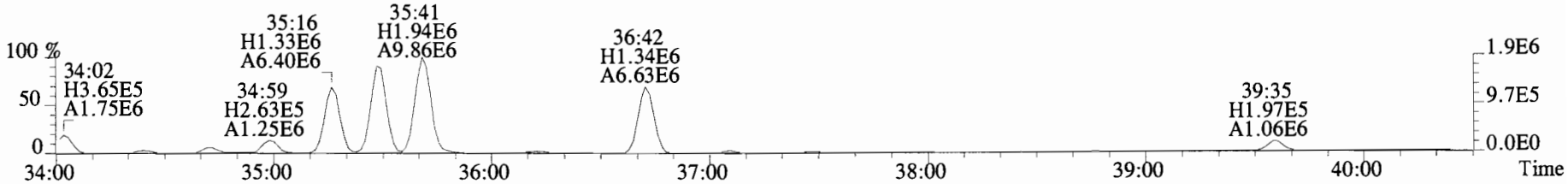


File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1

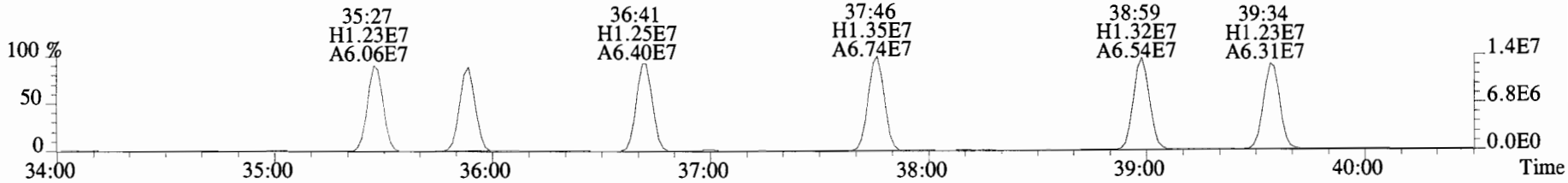
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3684.0,0.00%,F,F)



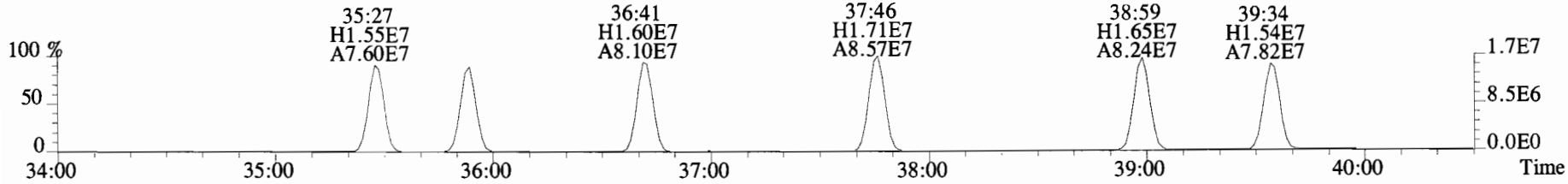
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2736.0,0.00%,F,F)



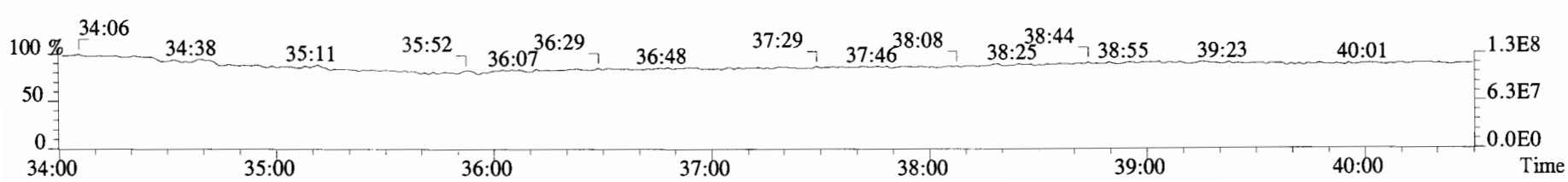
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,58676.0,0.00%,F,F)



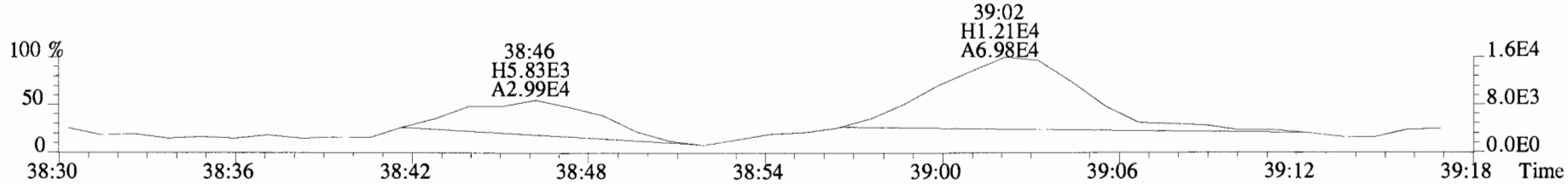
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29620.0,0.00%,F,F)



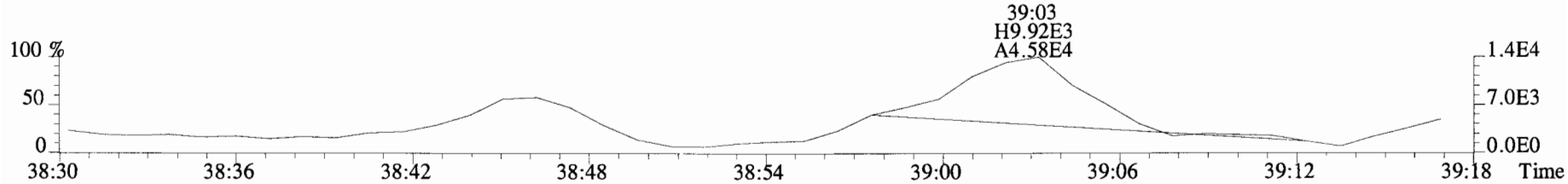
330.9792 S:5 F:3



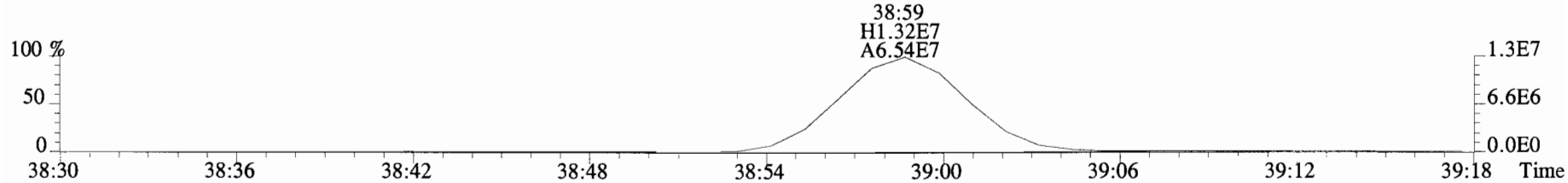
File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3684.0,0.00%,F,F)



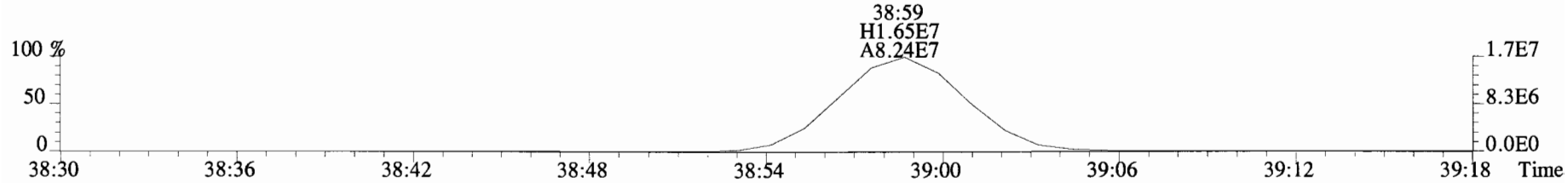
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2736.0,0.00%,F,F)



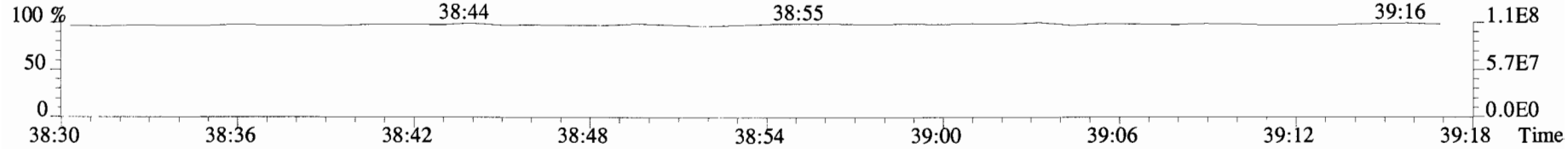
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,58676.0,0.00%,F,F)



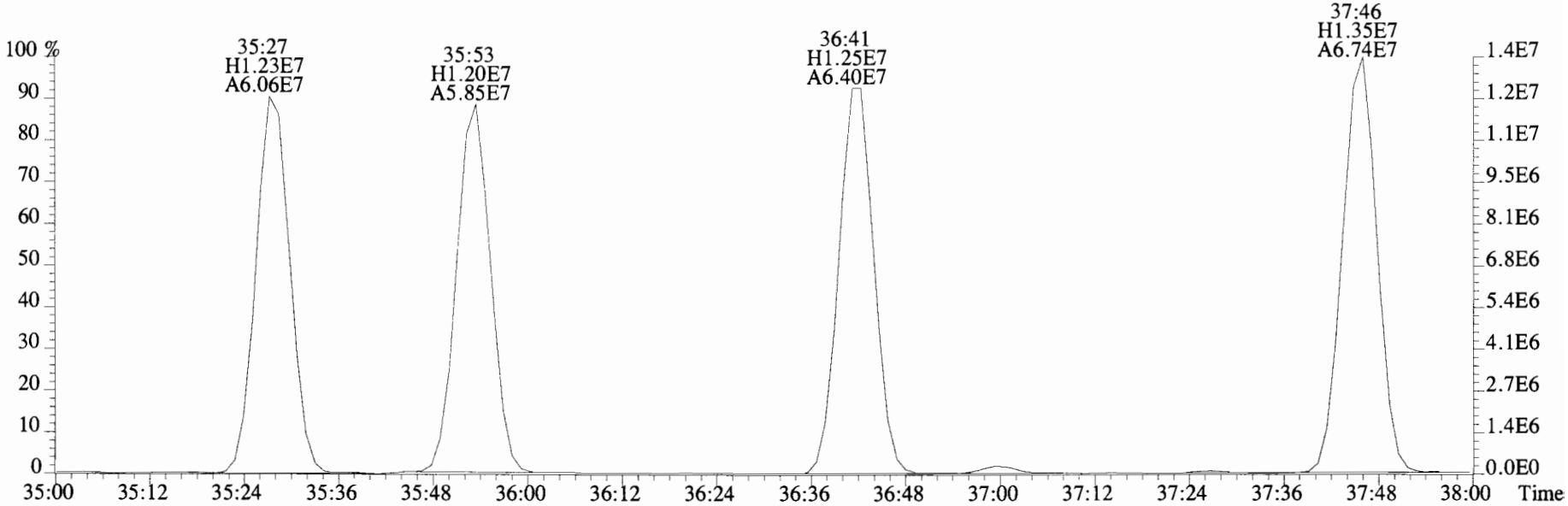
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29620.0,0.00%,F,F)



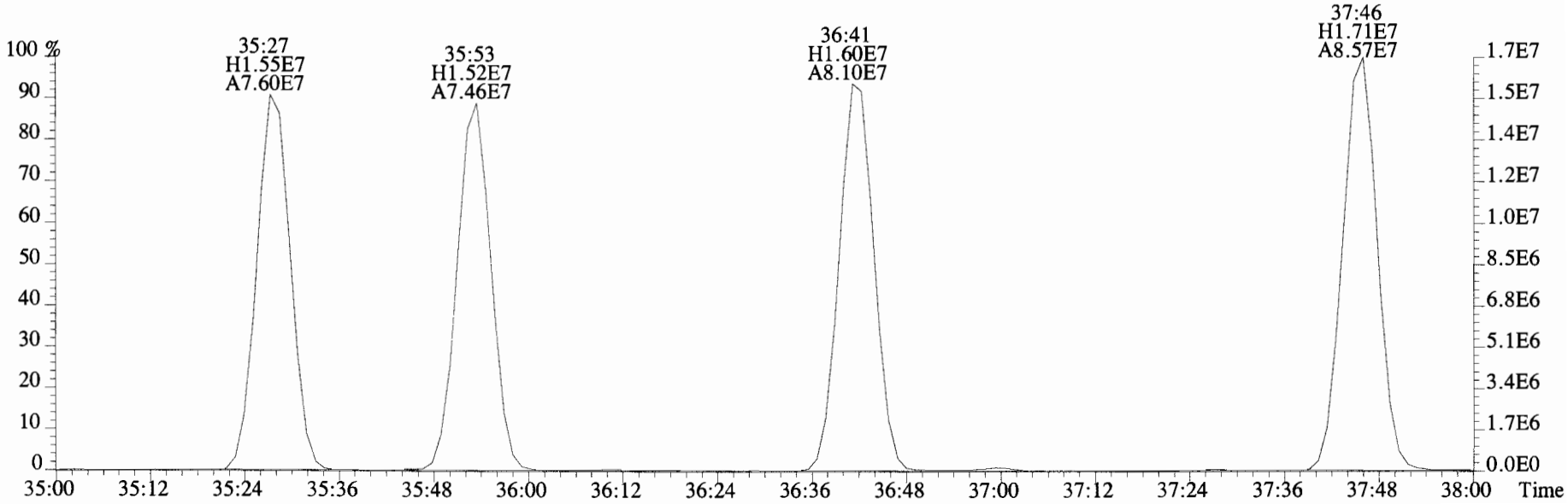
330.9792 S:5 F:3



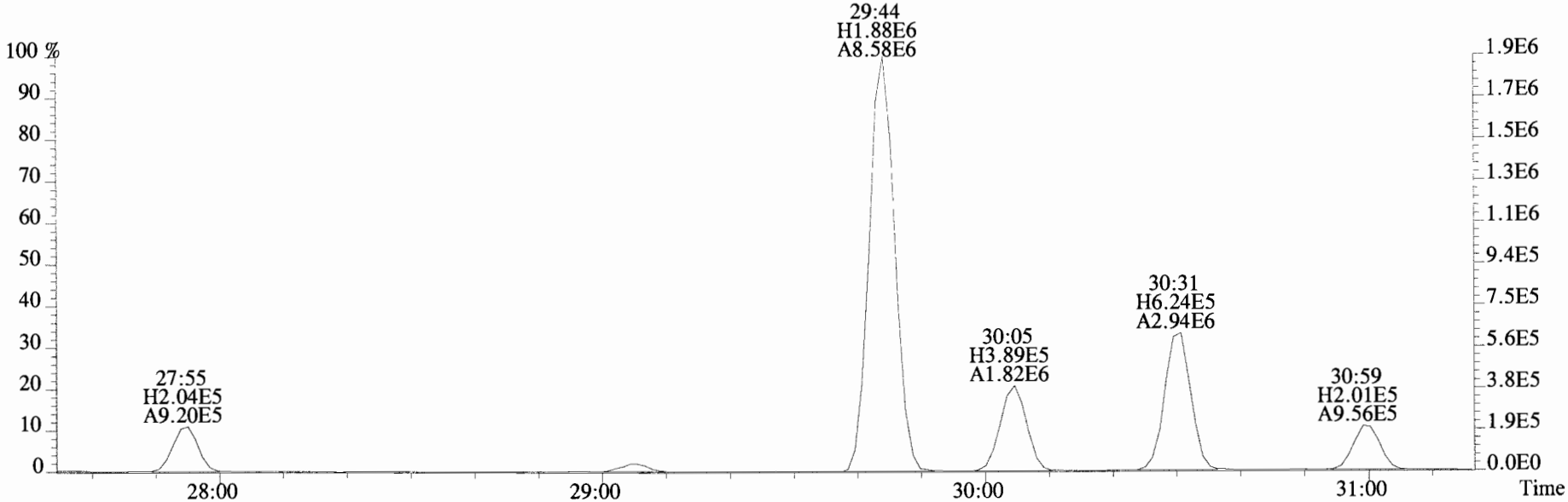
File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,58676.0,0.00%,F,F)



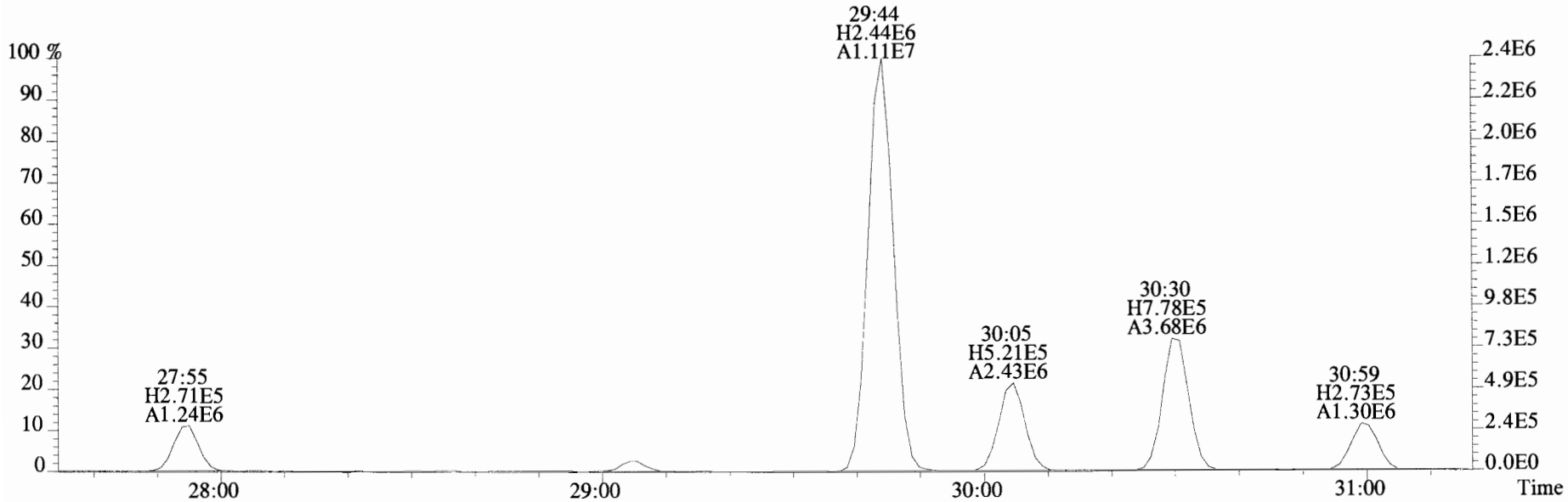
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29620.0,0.00%,F,F)



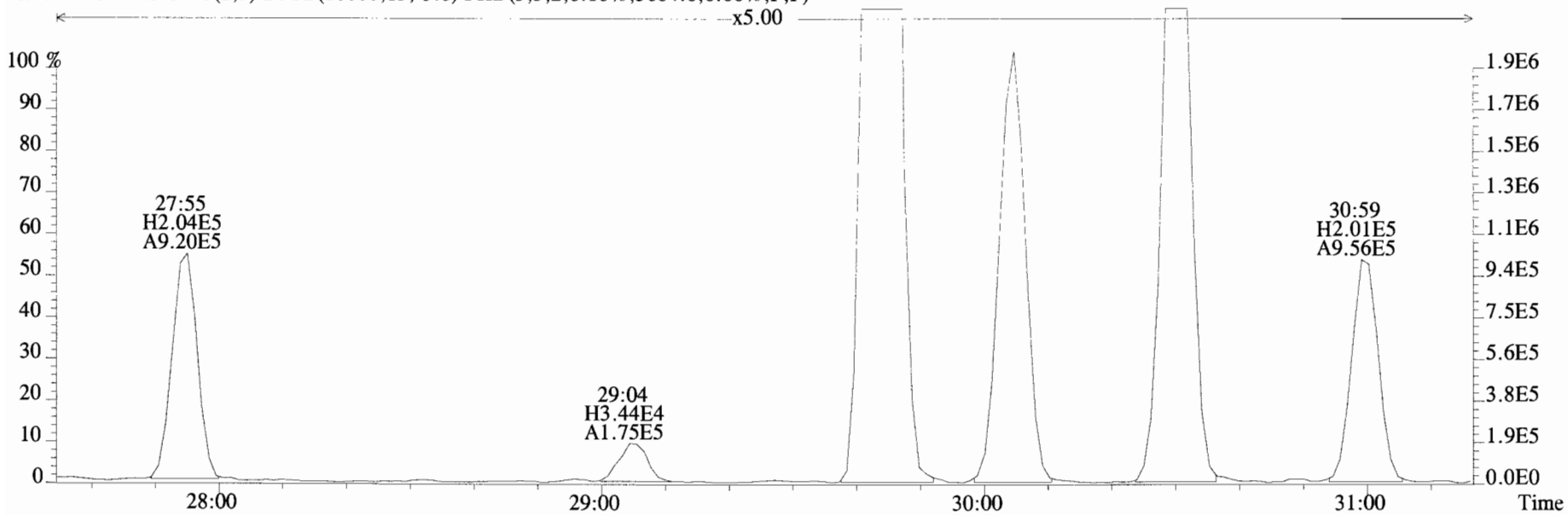
File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3684.0,0.00%,F,F)



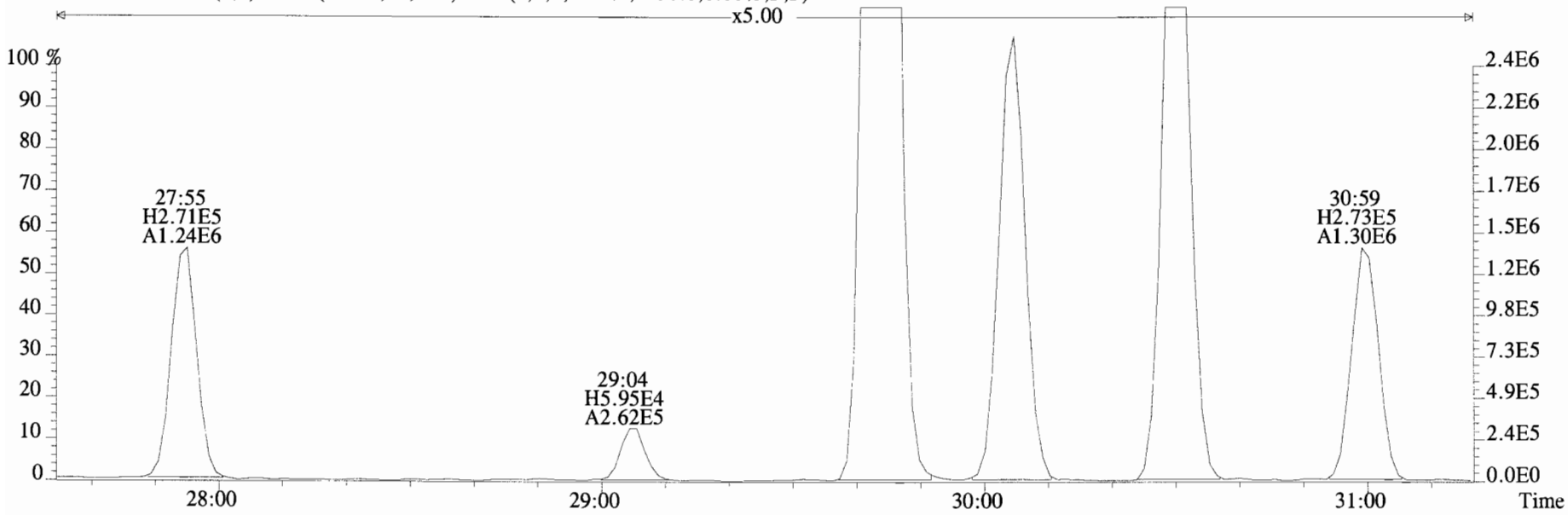
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2736.0,0.00%,F,F)



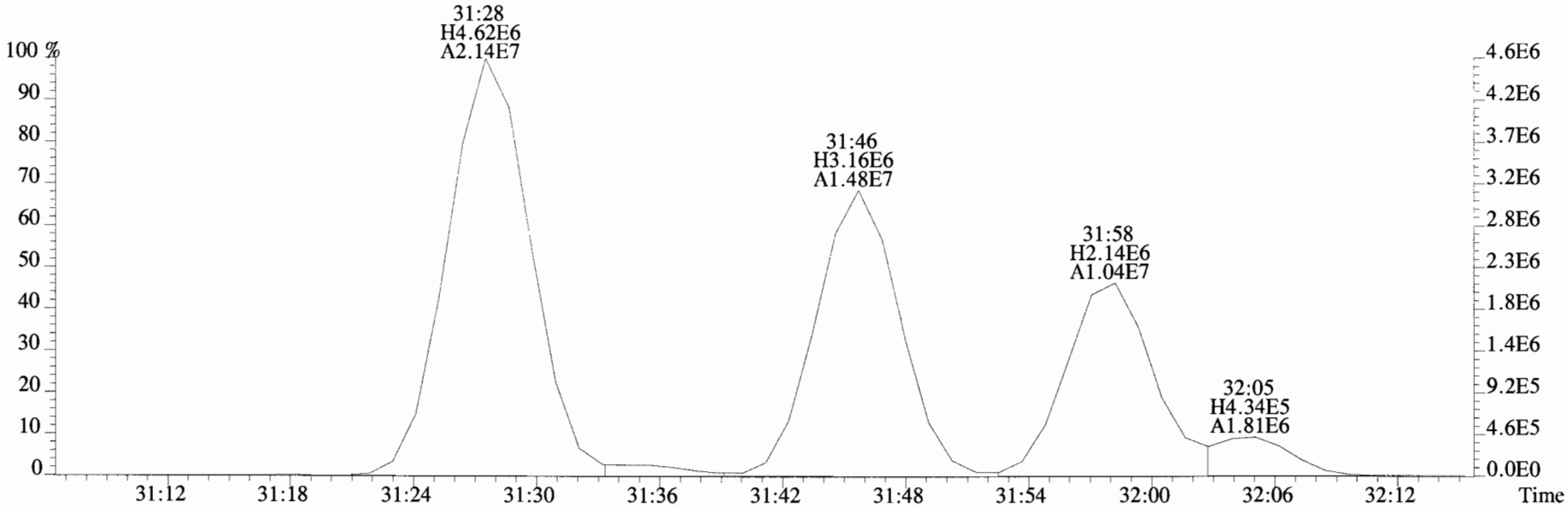
File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3684.0,0.00%,F,F)



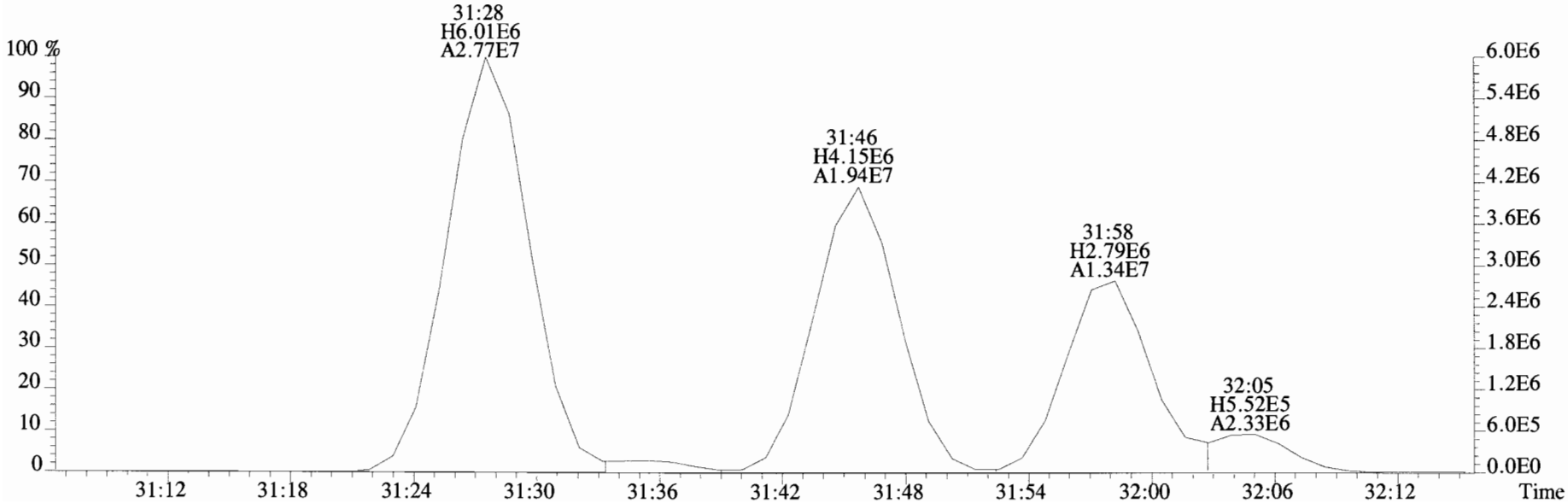
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2736.0,0.00%,F,F)



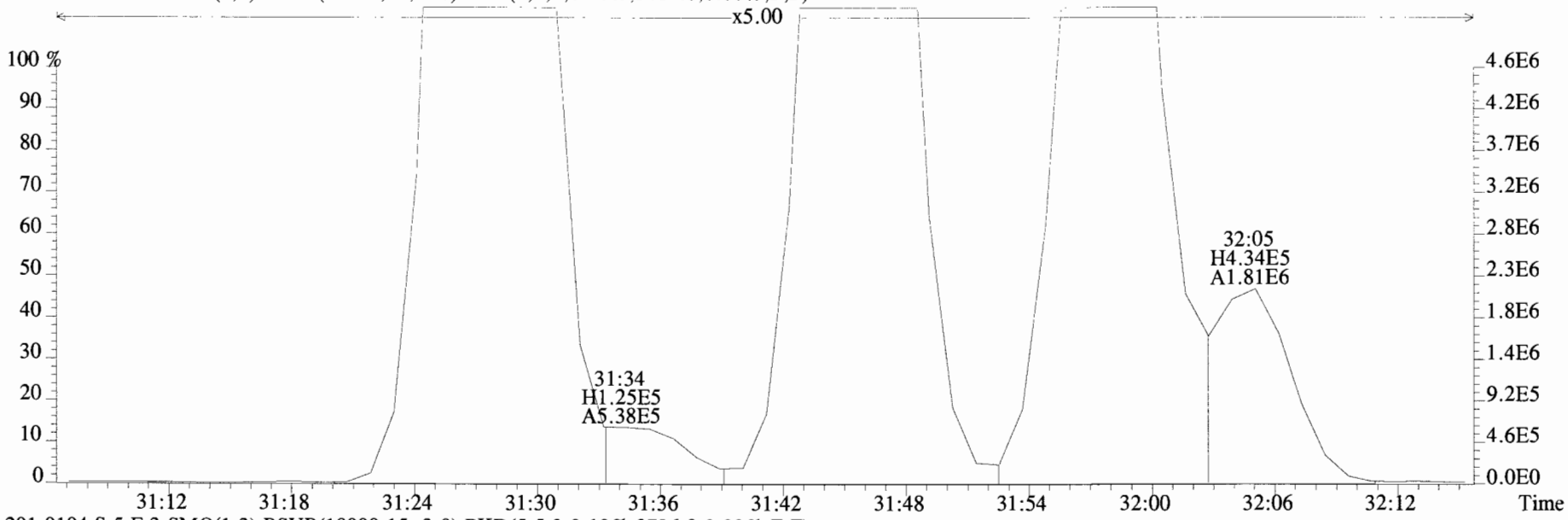
File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3684.0,0.00%,F,F)



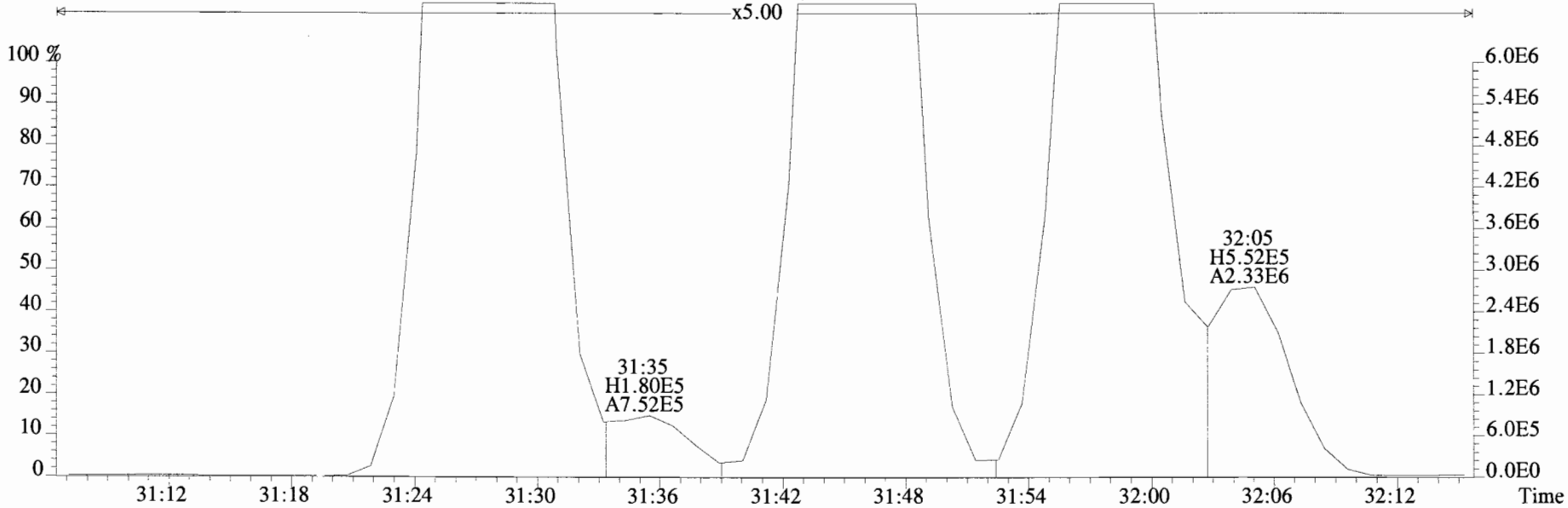
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2736.0,0.00%,F,F)



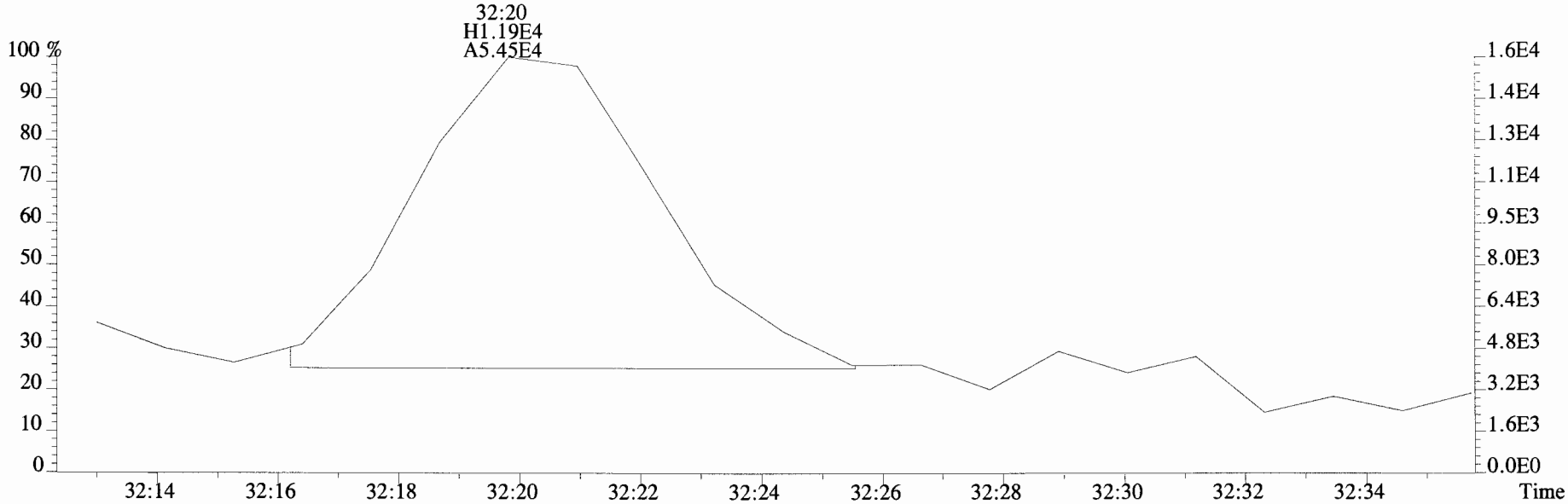
File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3684.0,0.00%,F,F)



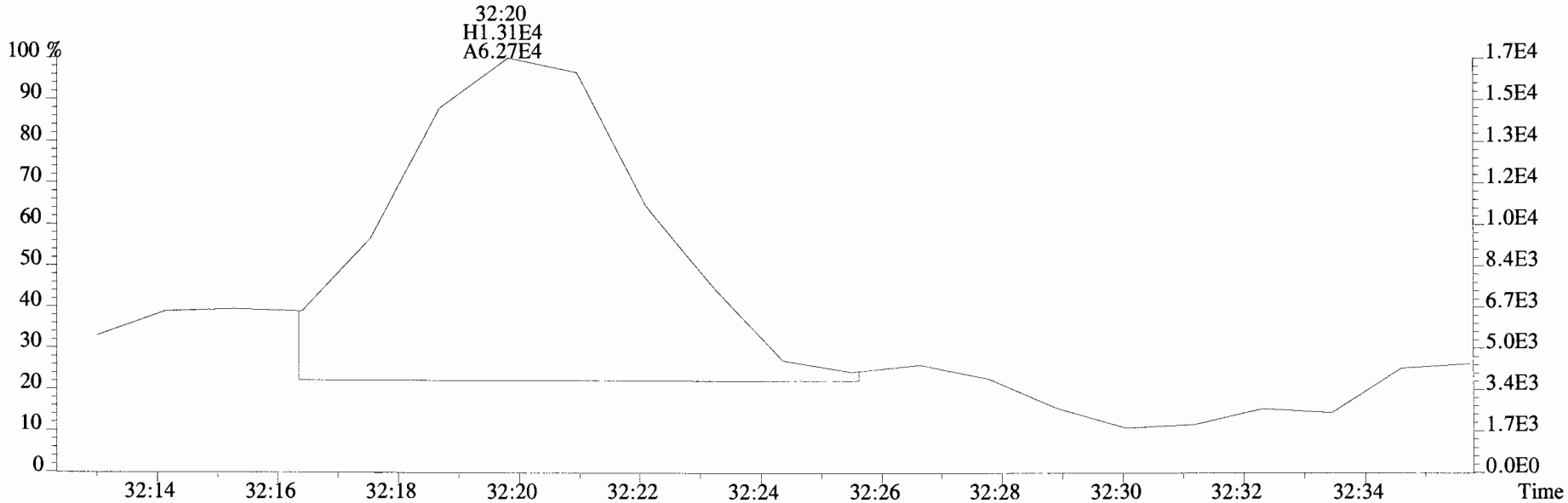
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2736.0,0.00%,F,F)



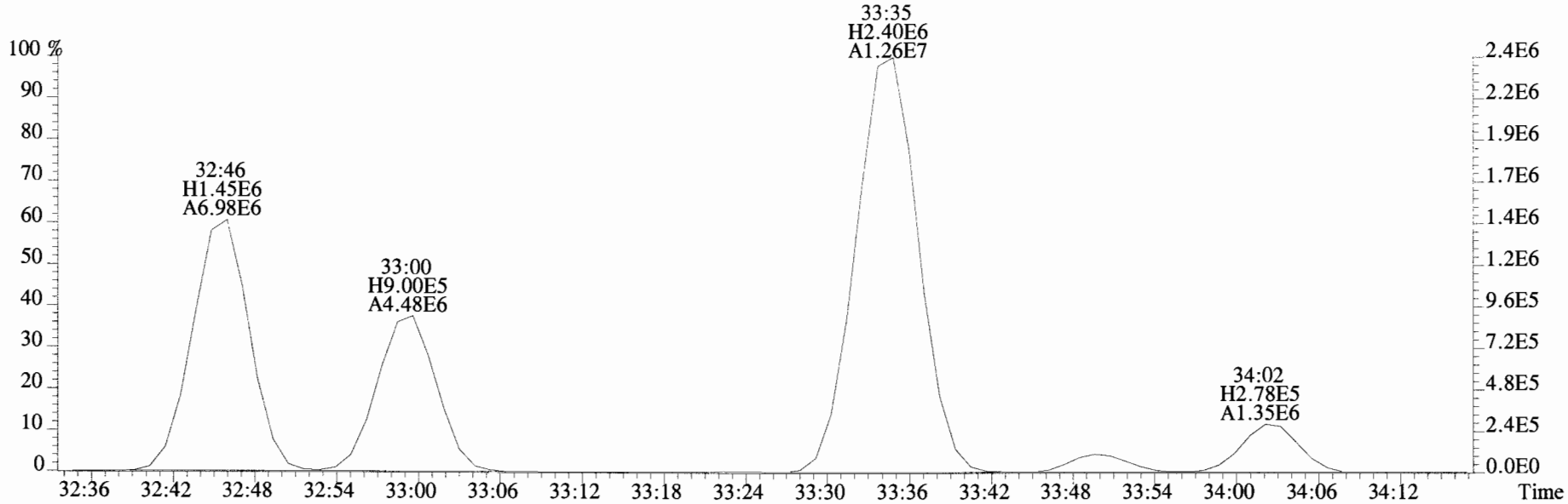
File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3684.0,0.00%,F,F)



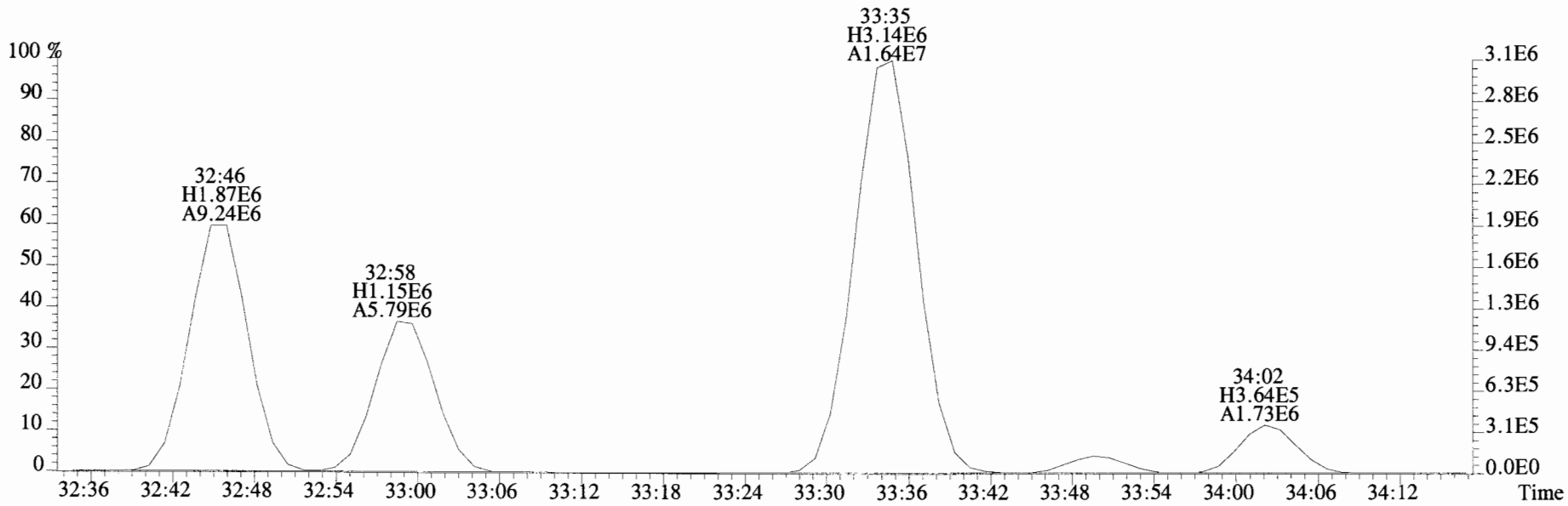
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2736.0,0.00%,F,F)



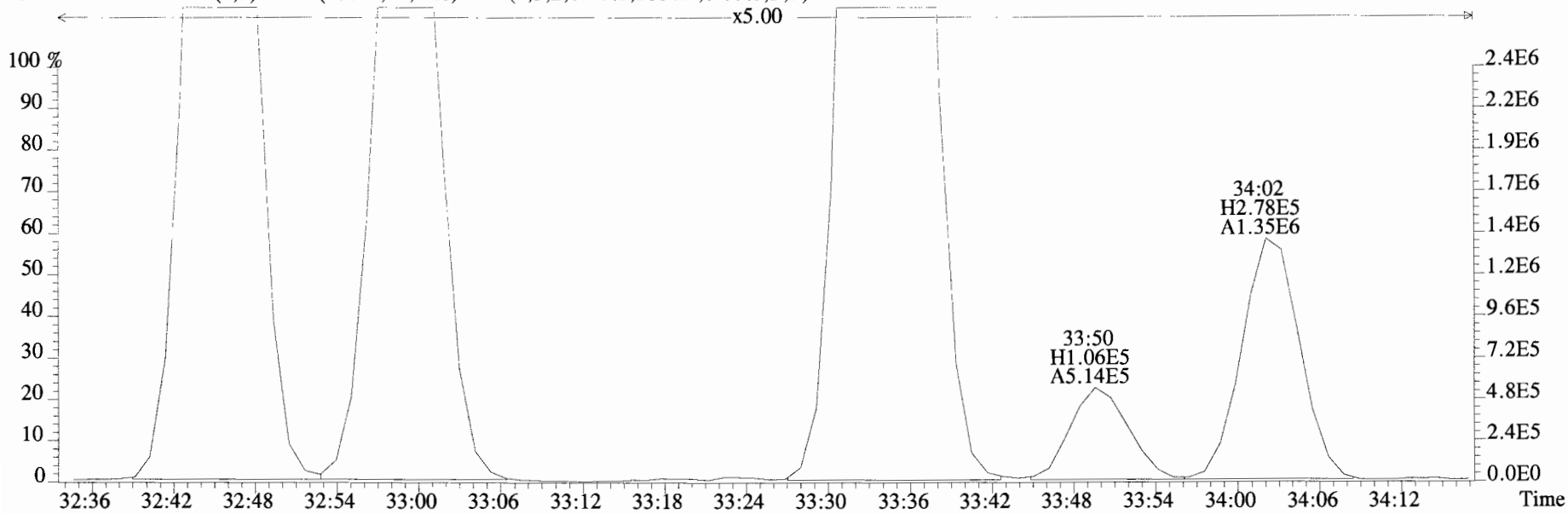
File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3684.0,0.00%,F,F)



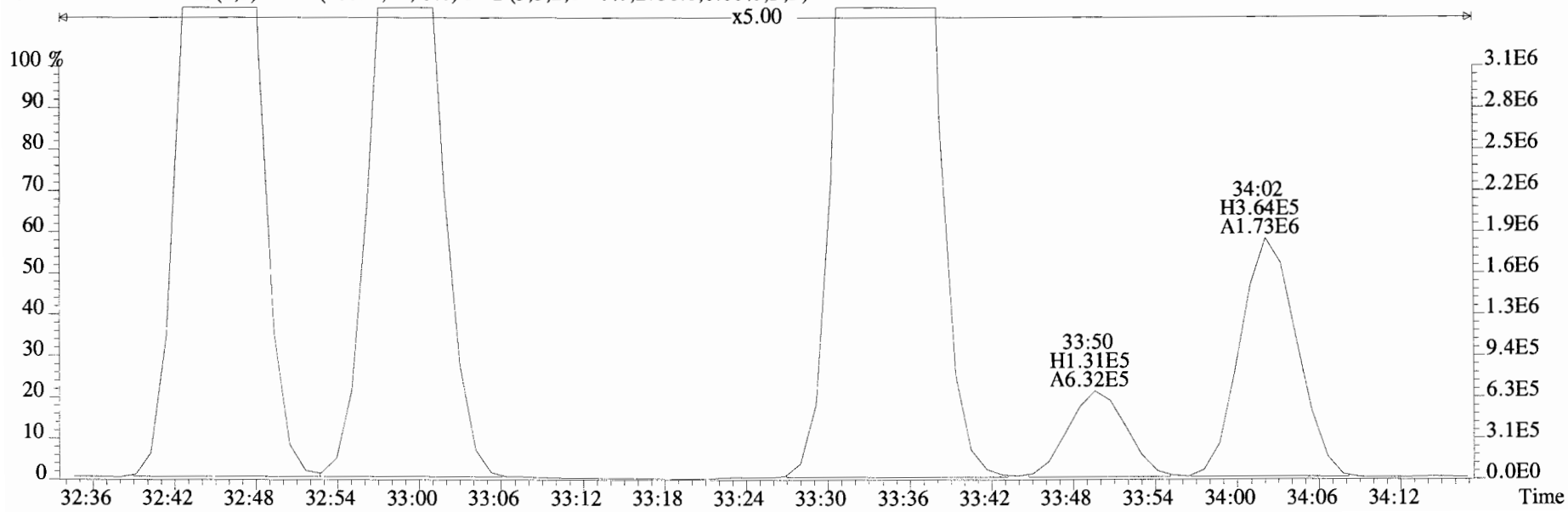
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2736.0,0.00%,F,F)



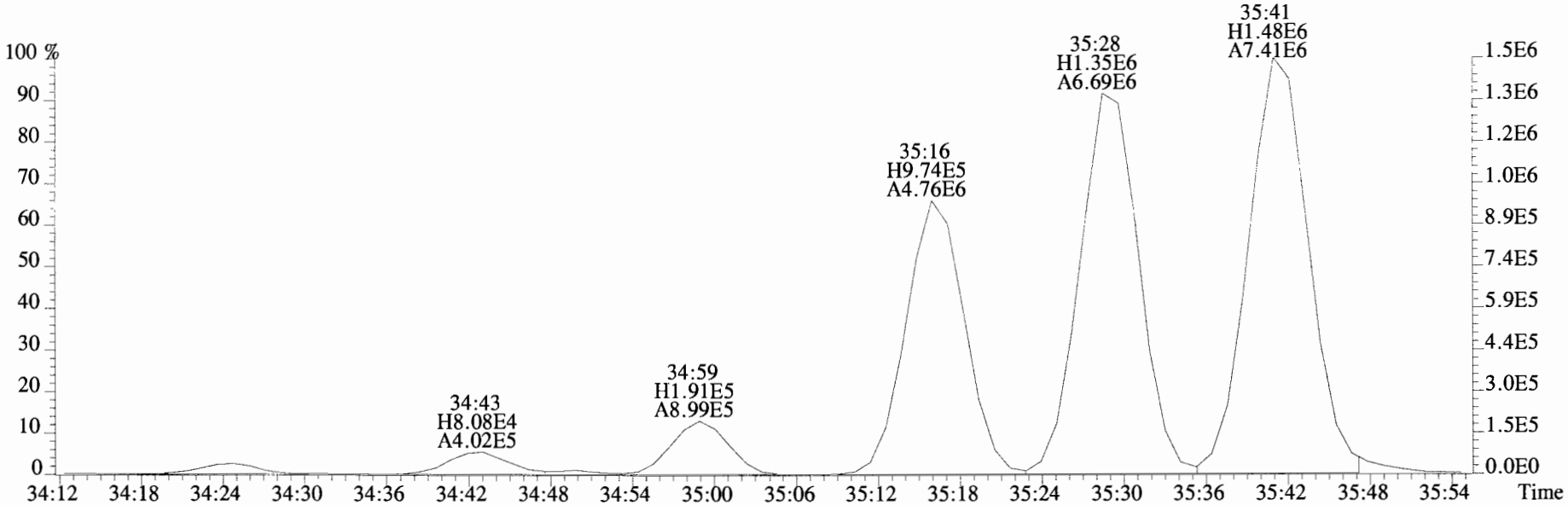
File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3684.0,0.00%,F,F)



291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2736.0,0.00%,F,F)



File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3684.0,0.00%,F,F)



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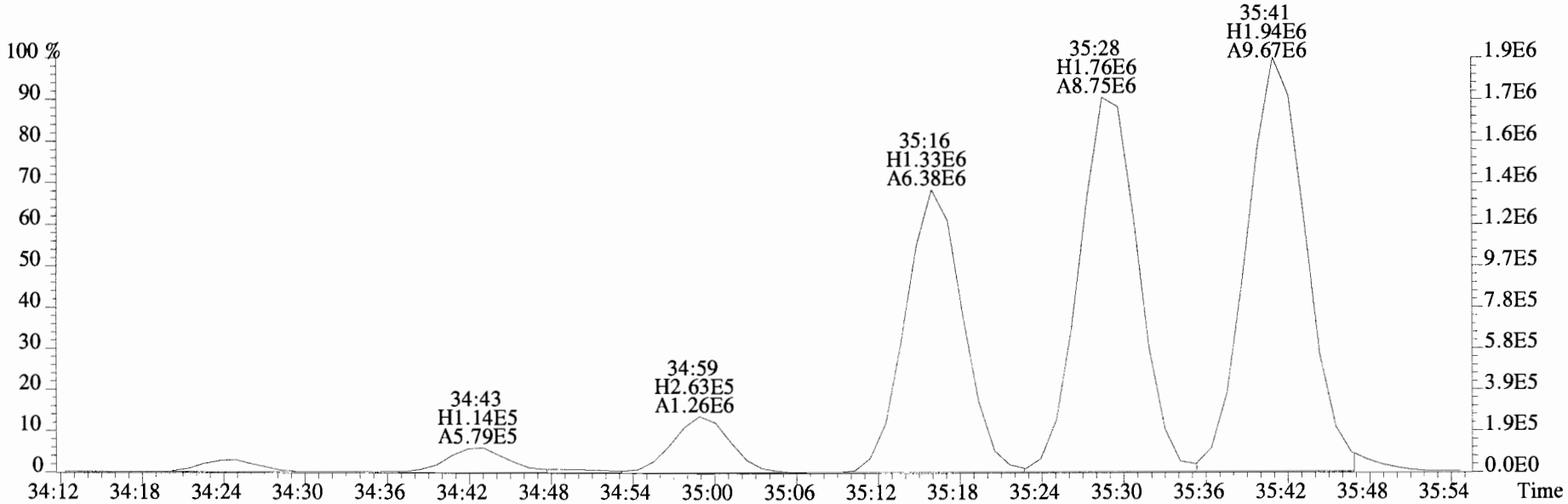
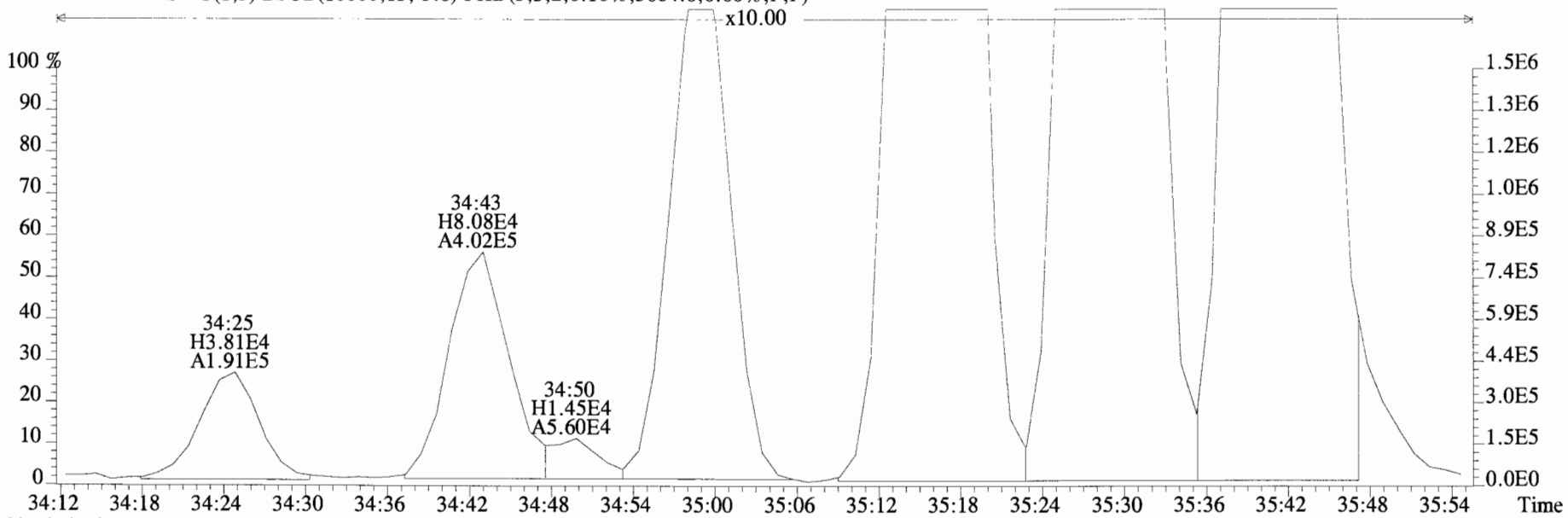
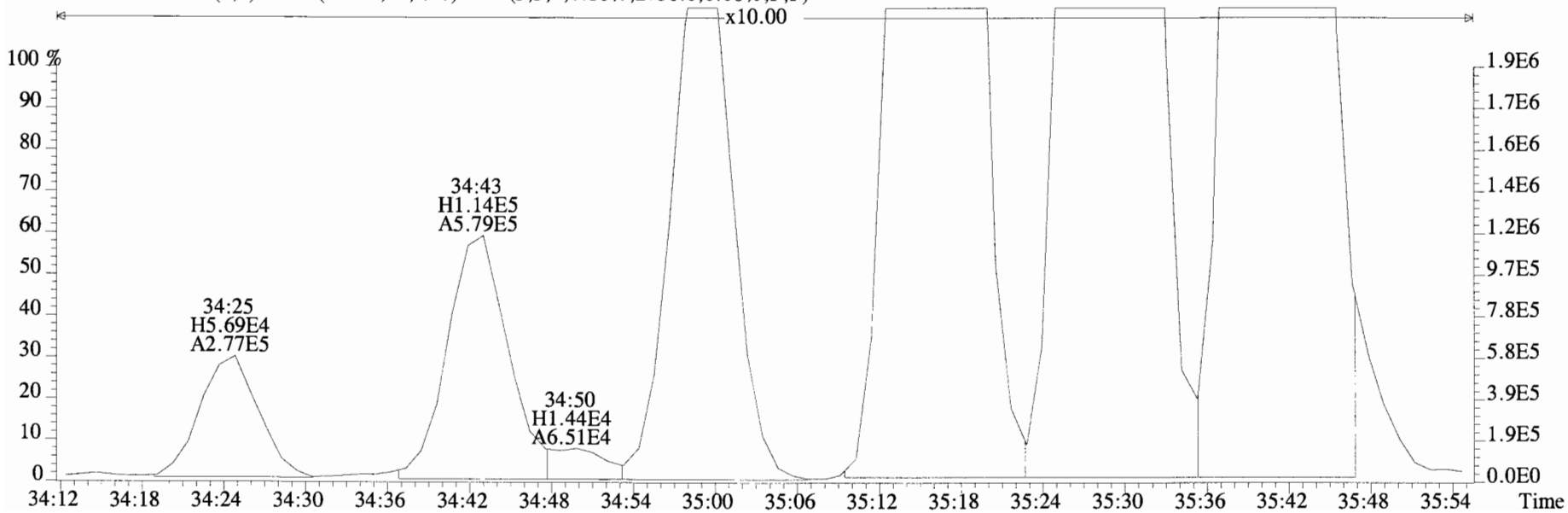


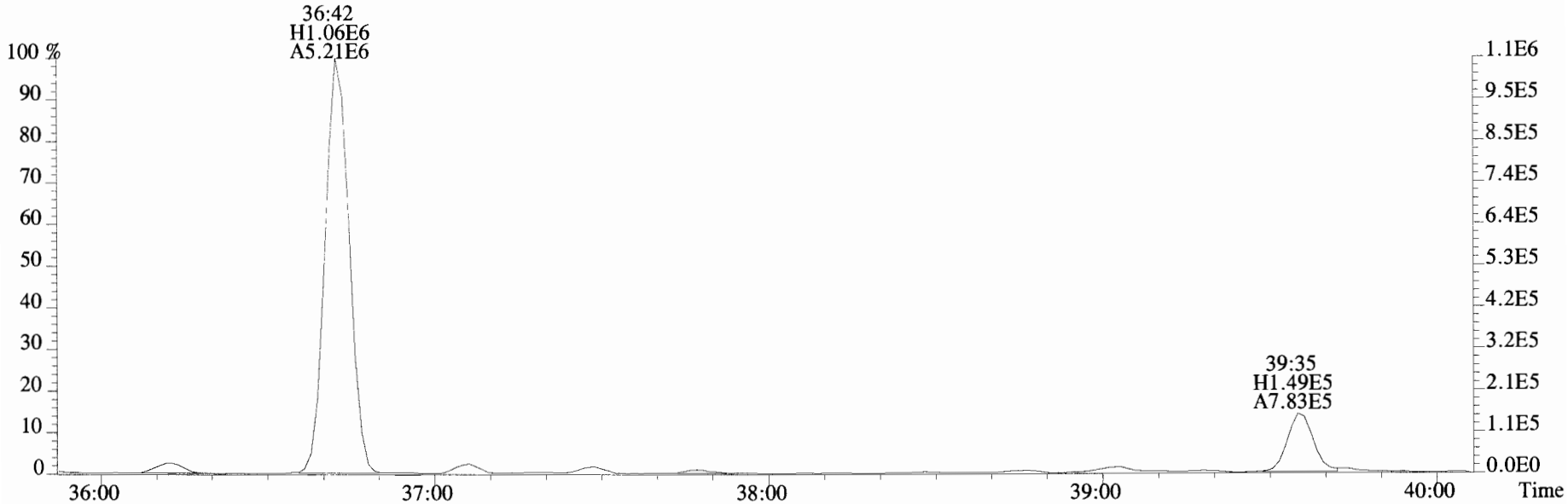
File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3684.0,0.00%,F,F)



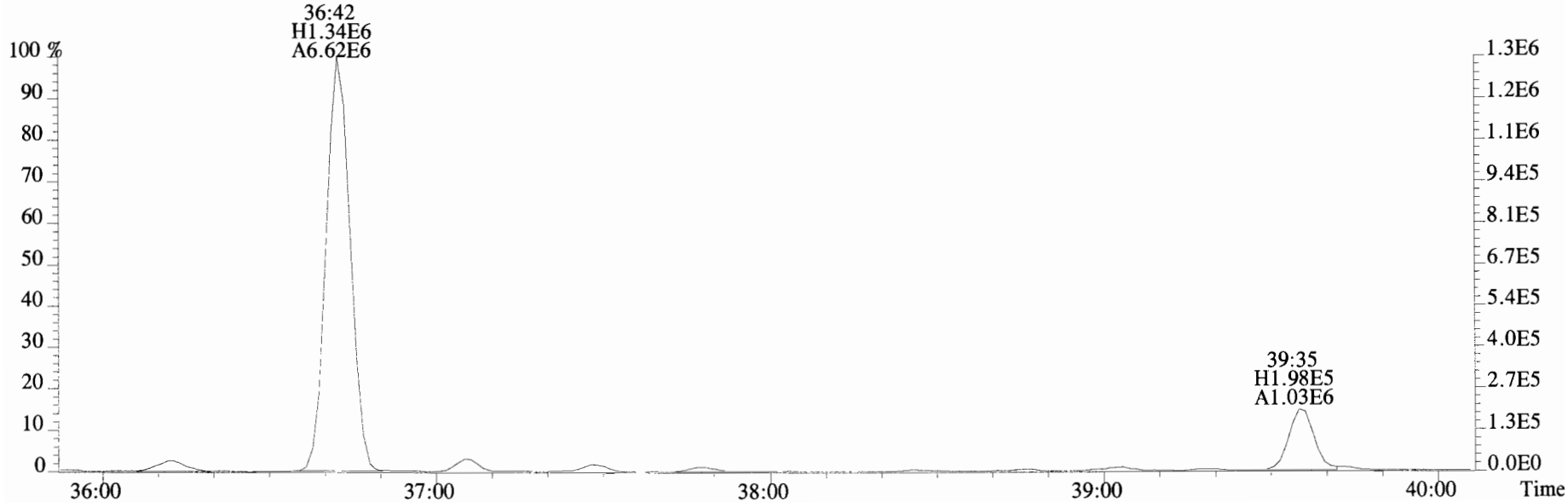
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2736.0,0.00%,F,F)



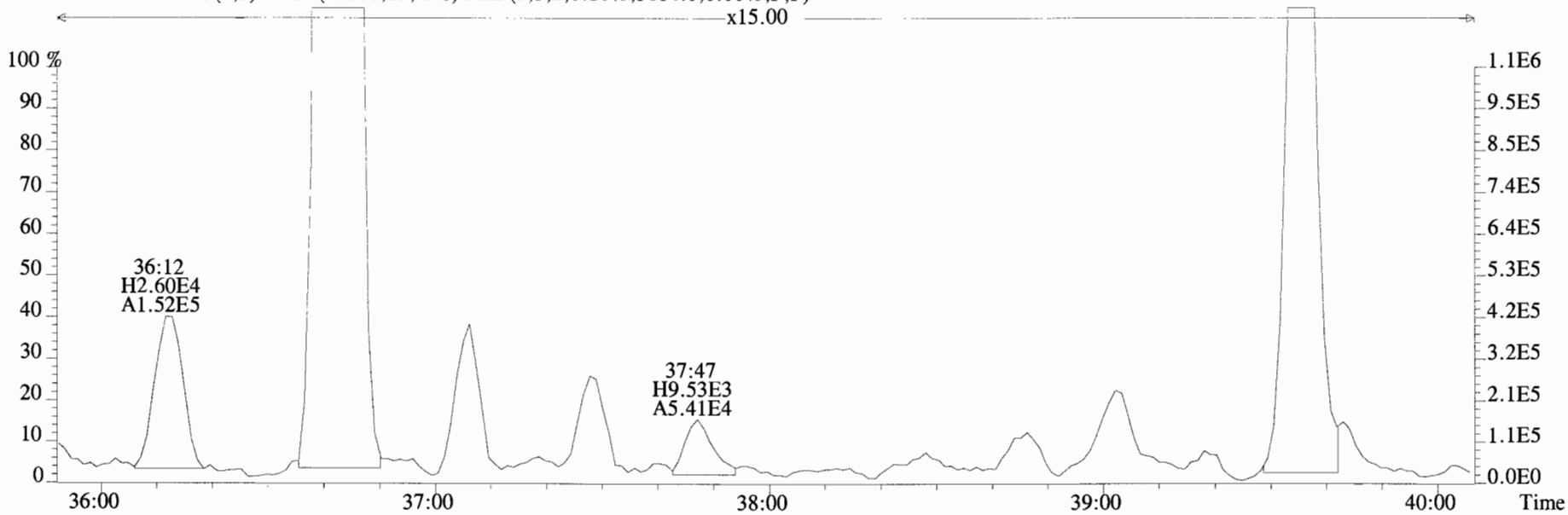
File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3684.0,0.00%,F,F)



291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2736.0,0.00%,F,F)



File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3684.0,0.00%,F,F)



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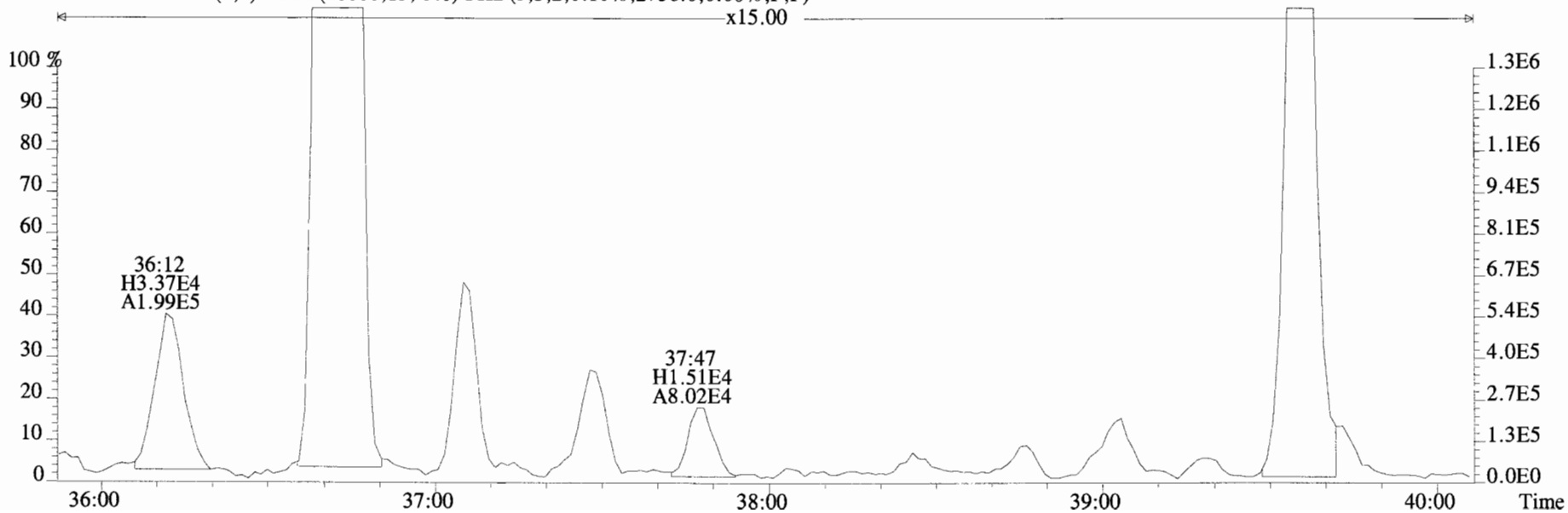
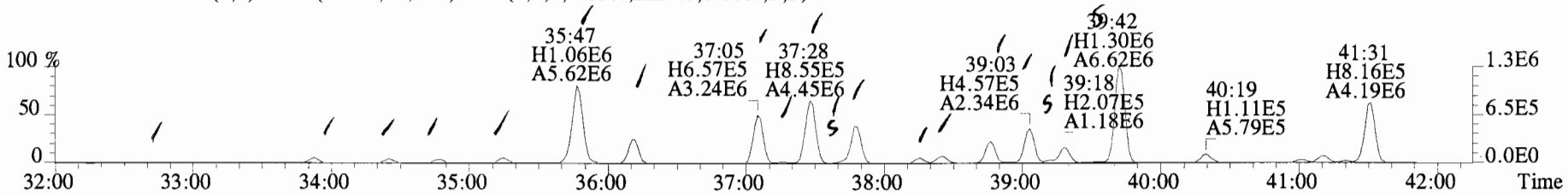
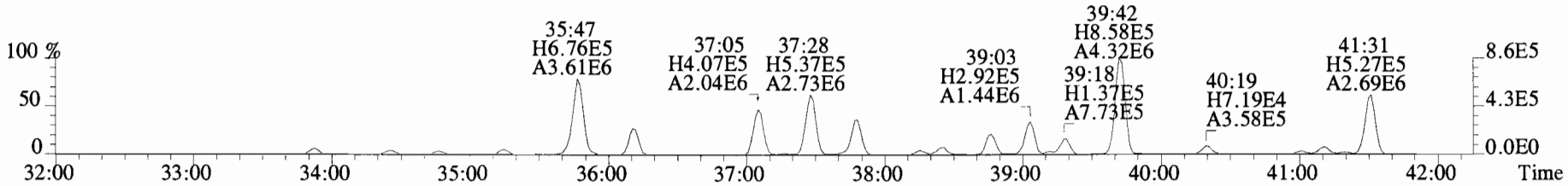


File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1

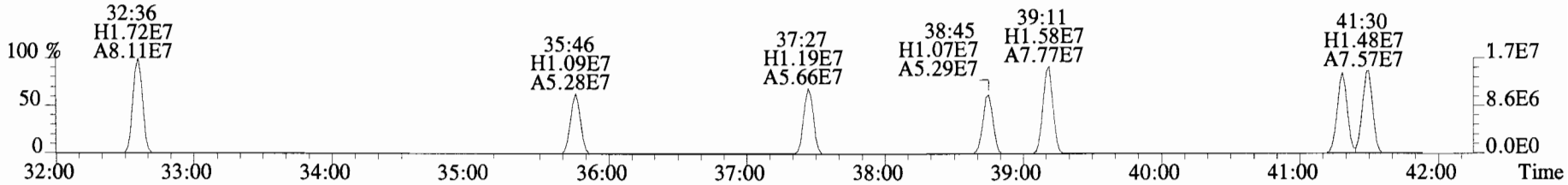
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2224.0,0.00%,F,F)



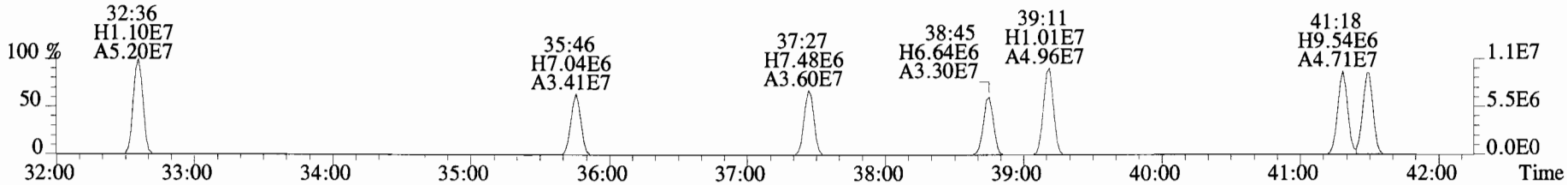
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2180.0,0.00%,F,F)



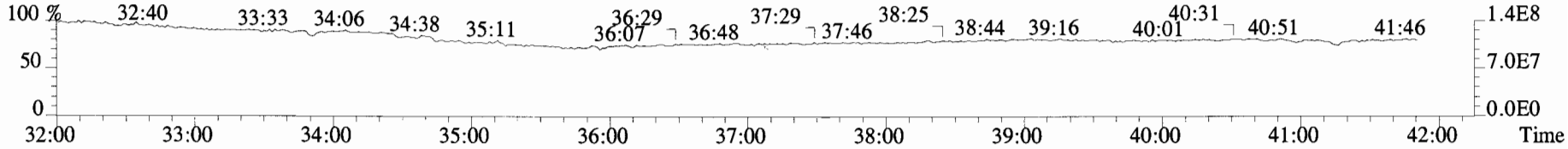
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6128.0,0.00%,F,F)



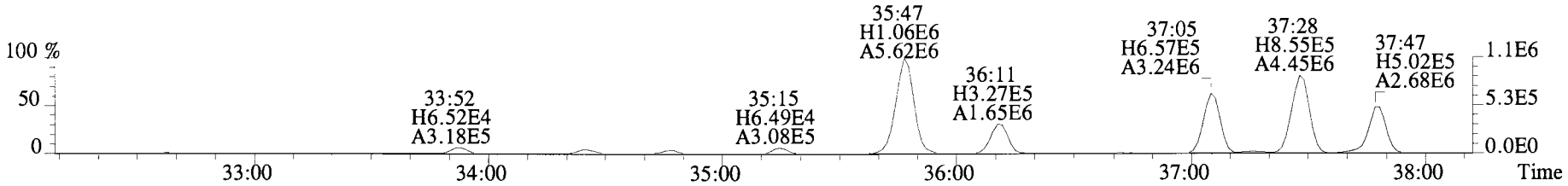
339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4632.0,0.00%,F,F)



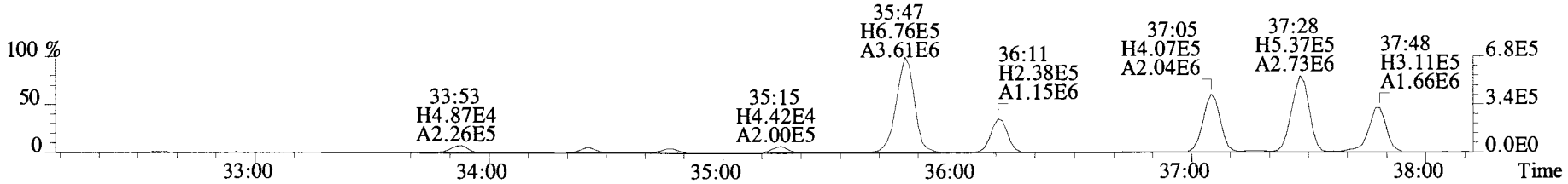
330.9792 S:5 F:3



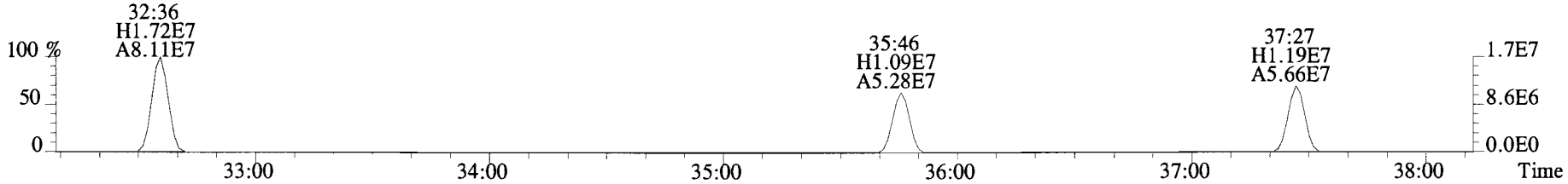
File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2224.0,0.00%,F,F)



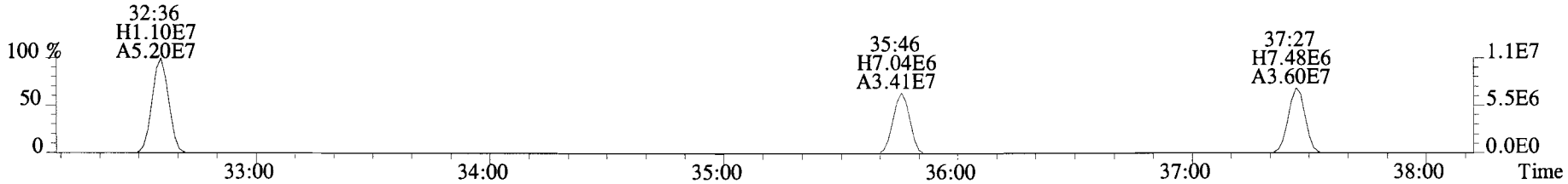
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2180.0,0.00%,F,F)



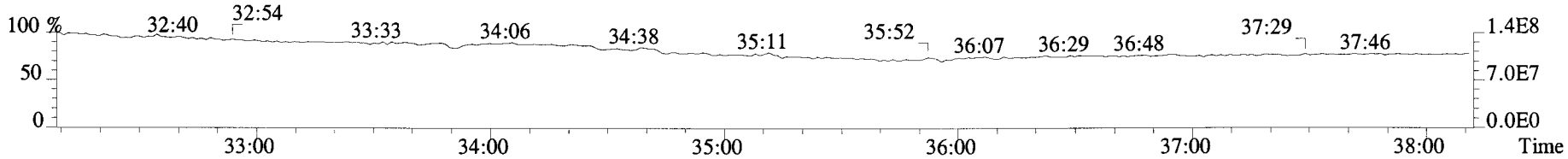
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6128.0,0.00%,F,F)



339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4632.0,0.00%,F,F)

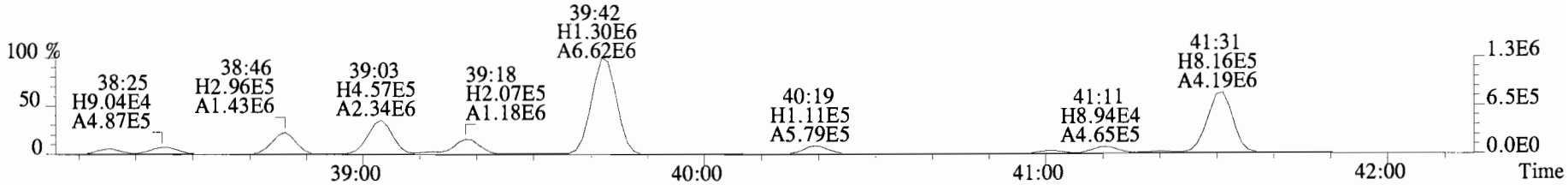


330.9792 S:5 F:3

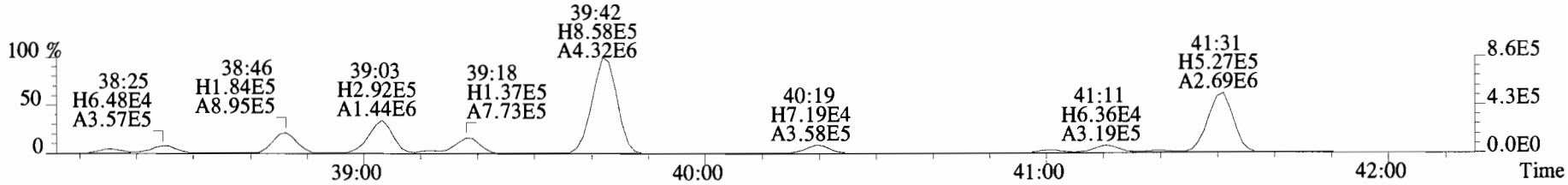


File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1

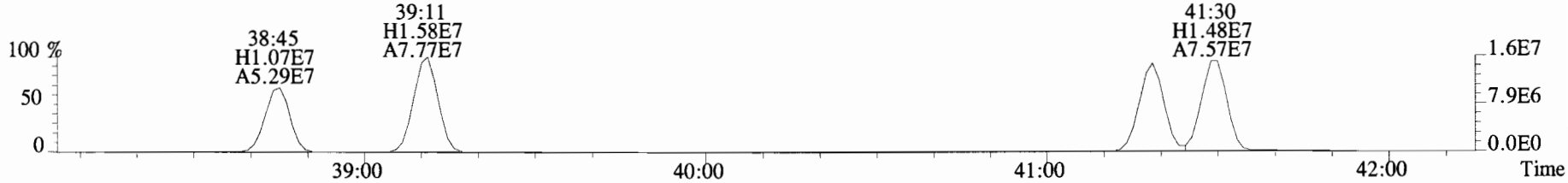
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2224.0,0.00%,F,F)



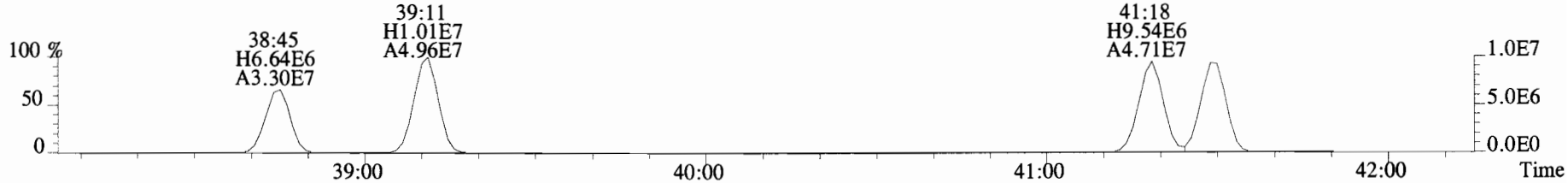
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2180.0,0.00%,F,F)



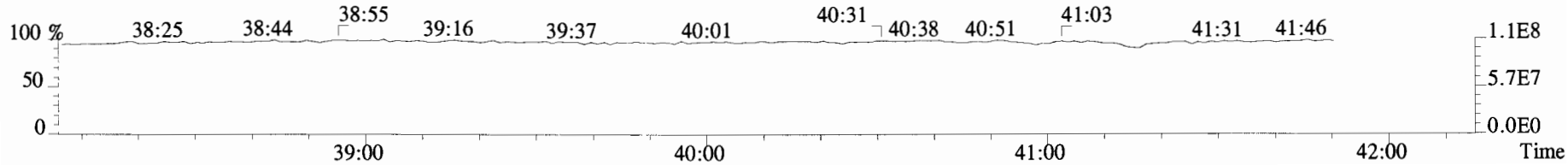
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6128.0,0.00%,F,F)



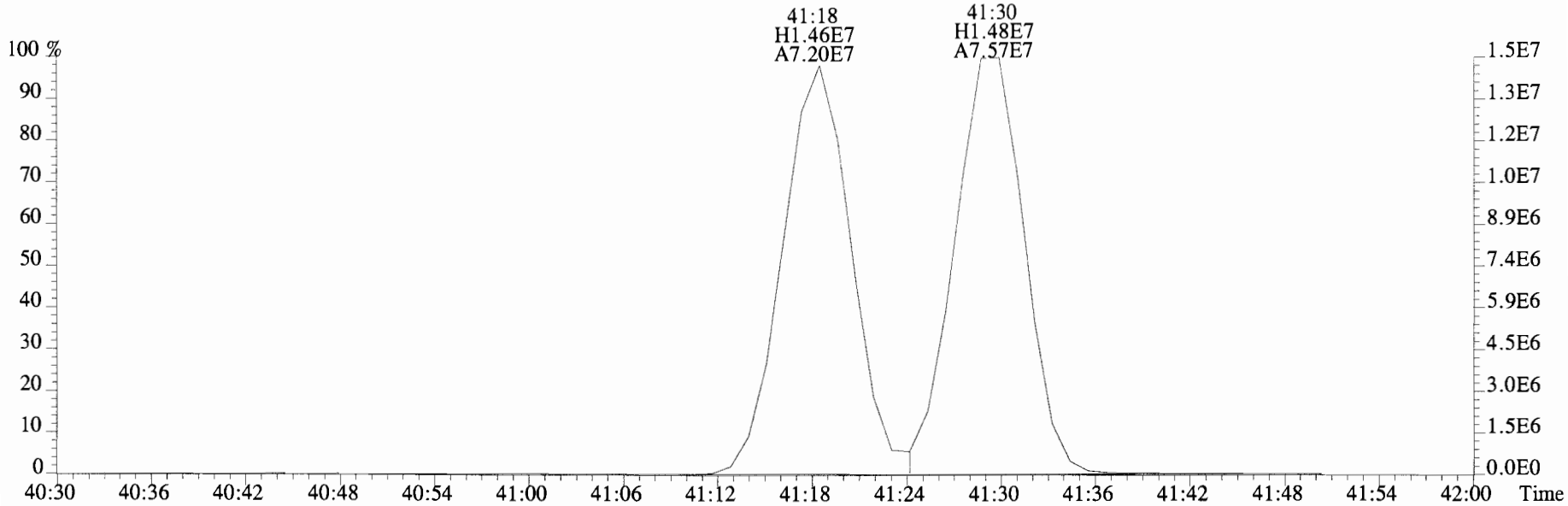
339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4632.0,0.00%,F,F)



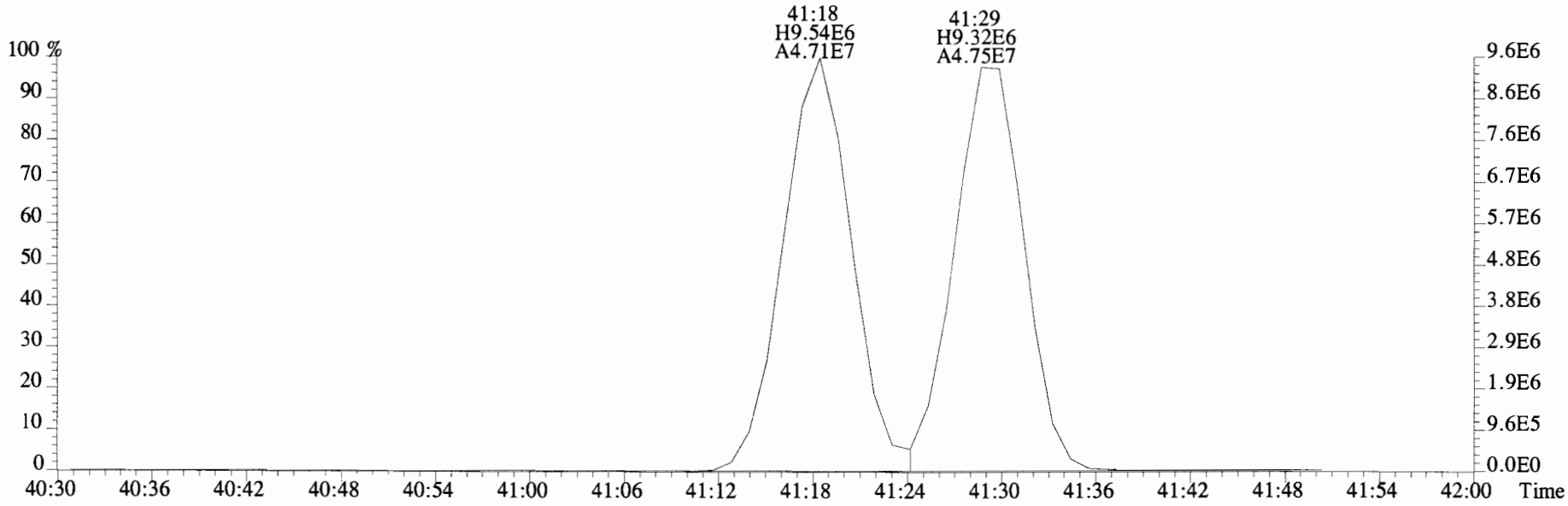
330.9792 S:5 F:3



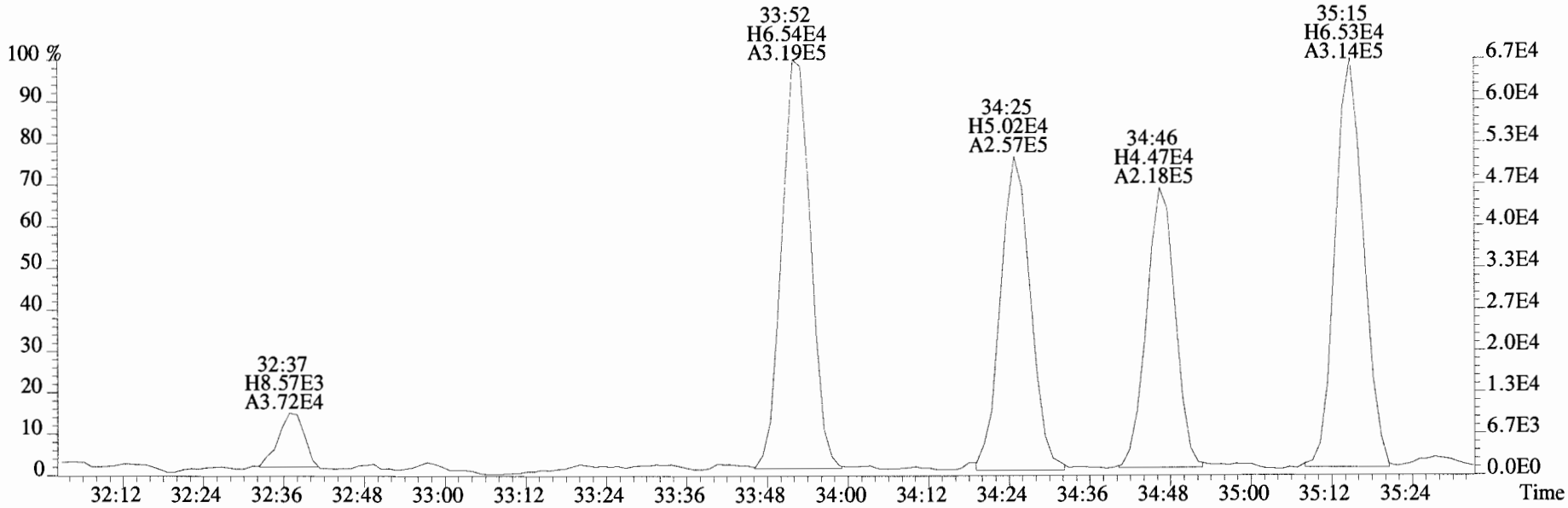
File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6128.0,0.00%,F,F)



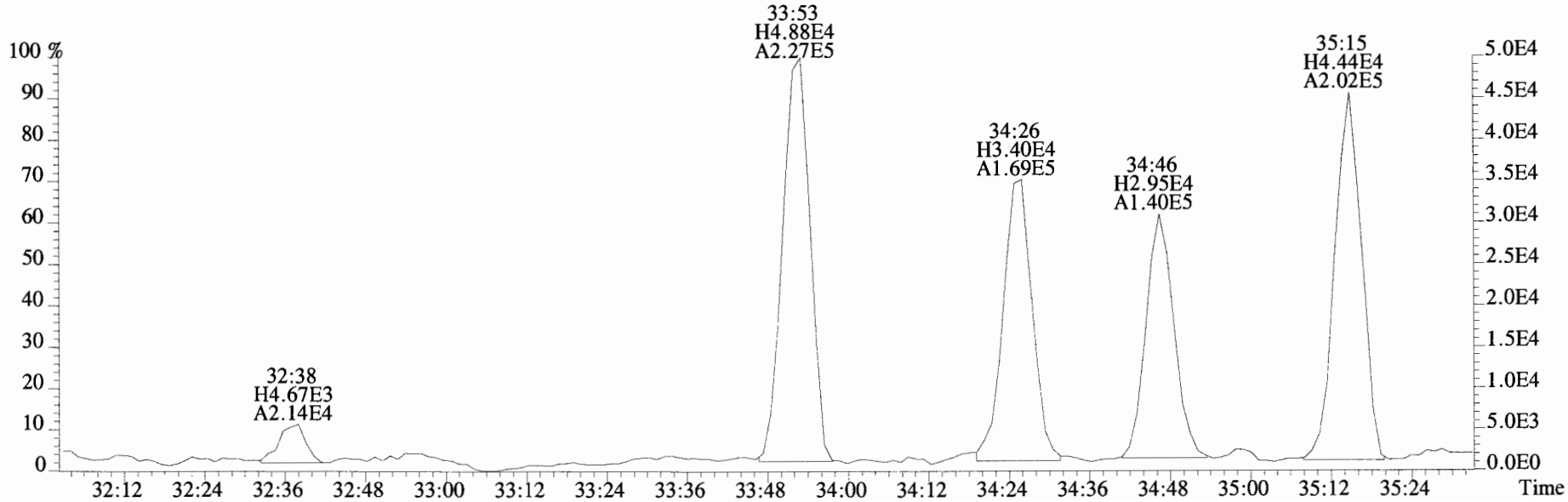
339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4632.0,0.00%,F,F)



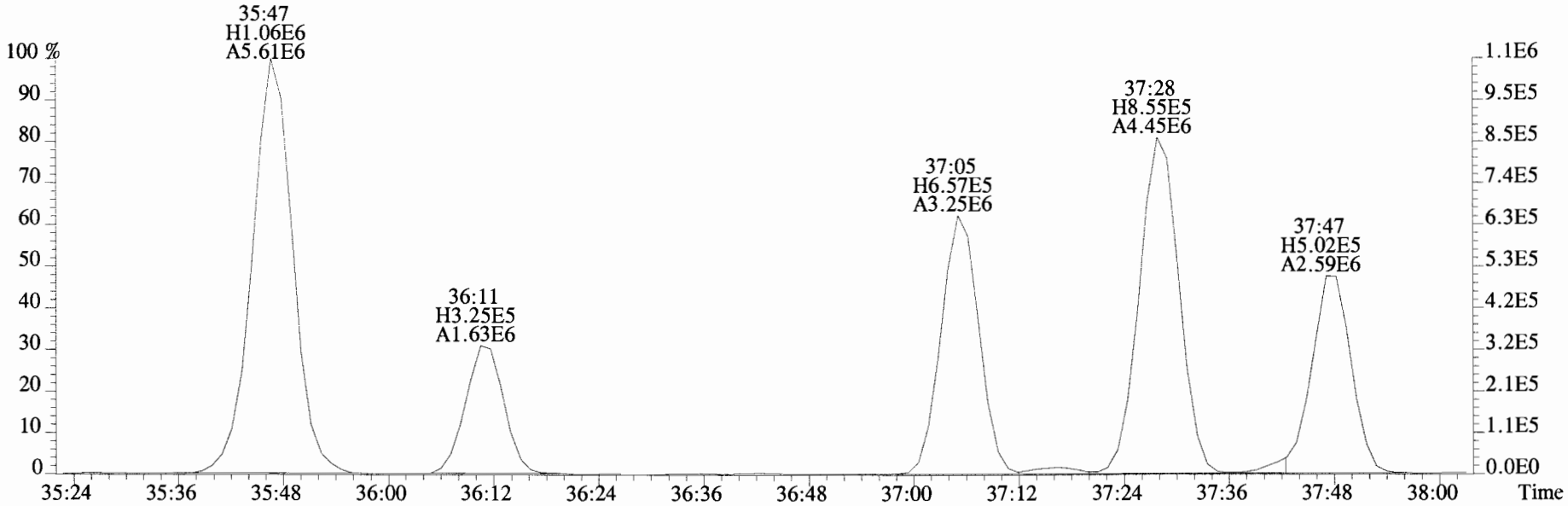
File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2224.0,0.00%,F,F)



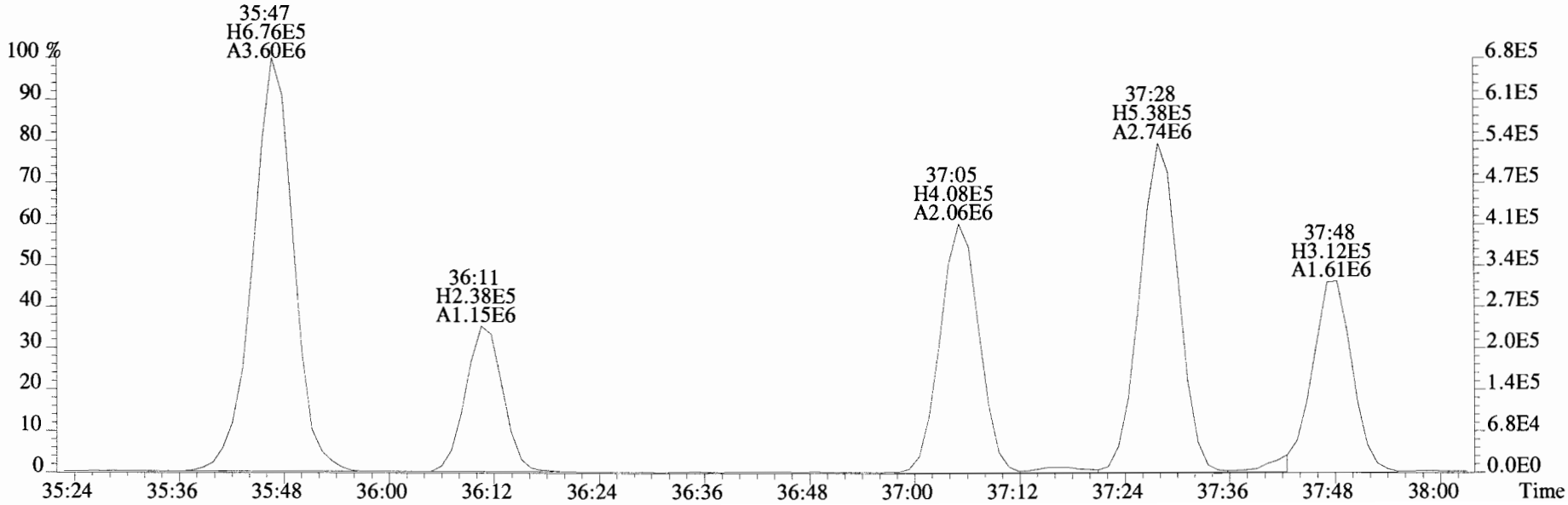
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2180.0,0.00%,F,F)



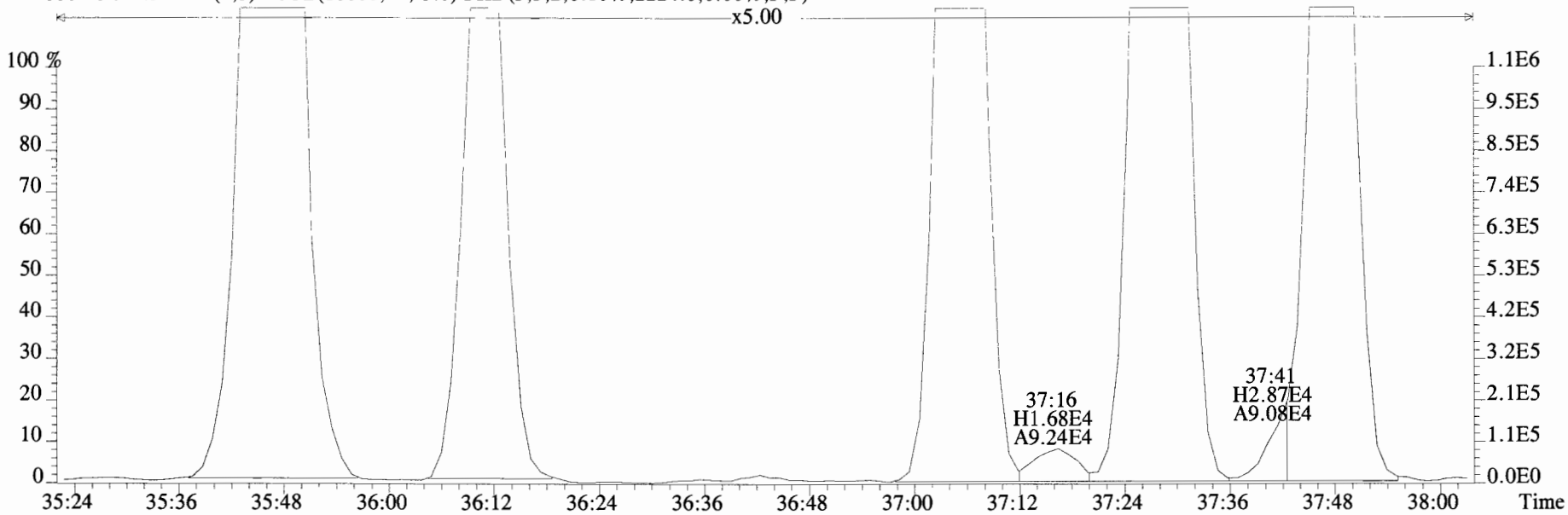
File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2224.0,0.00%,F,F)



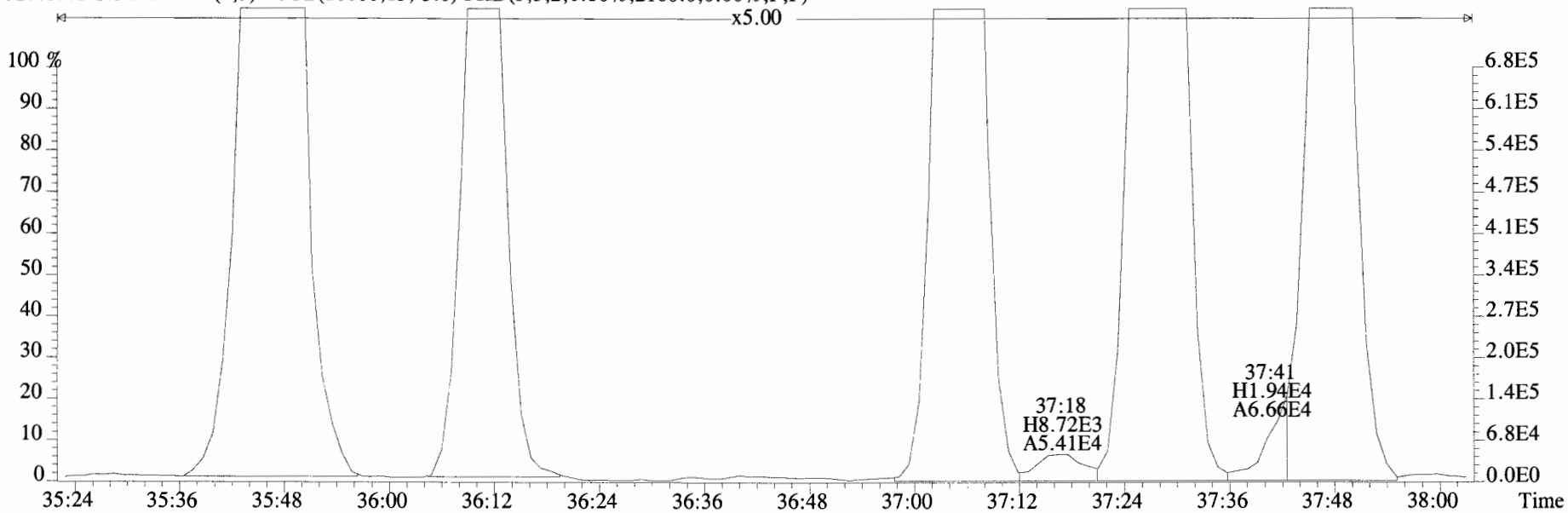
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2180.0,0.00%,F,F)



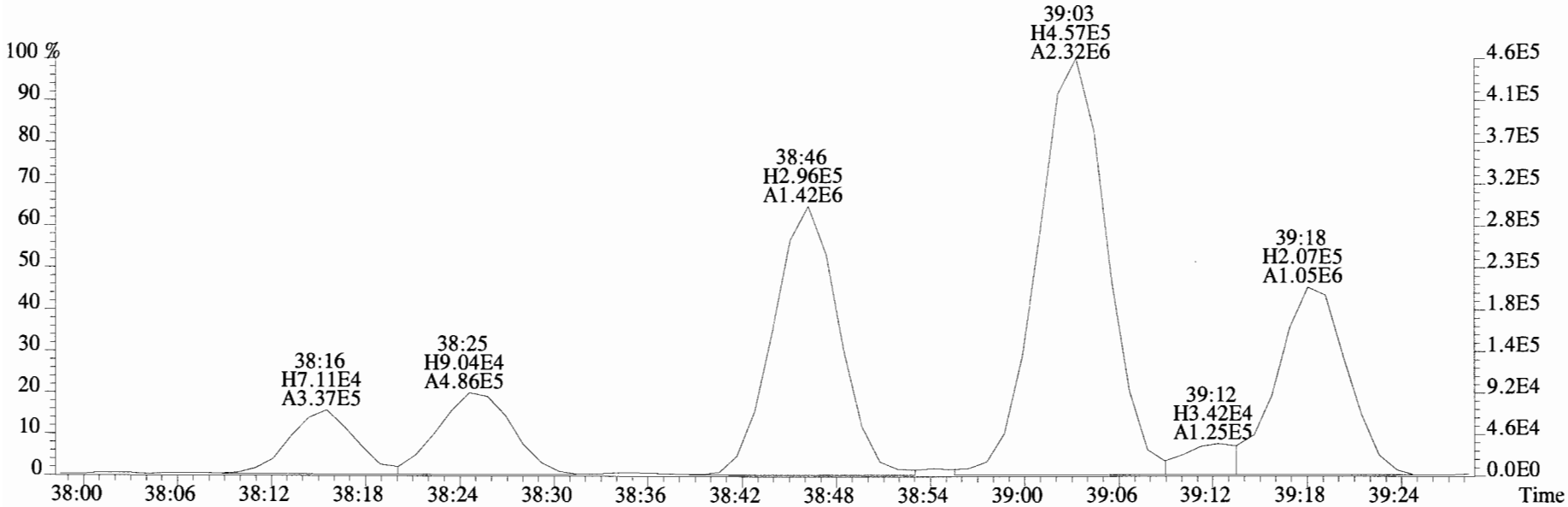
File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2224.0,0.00%,F,F)



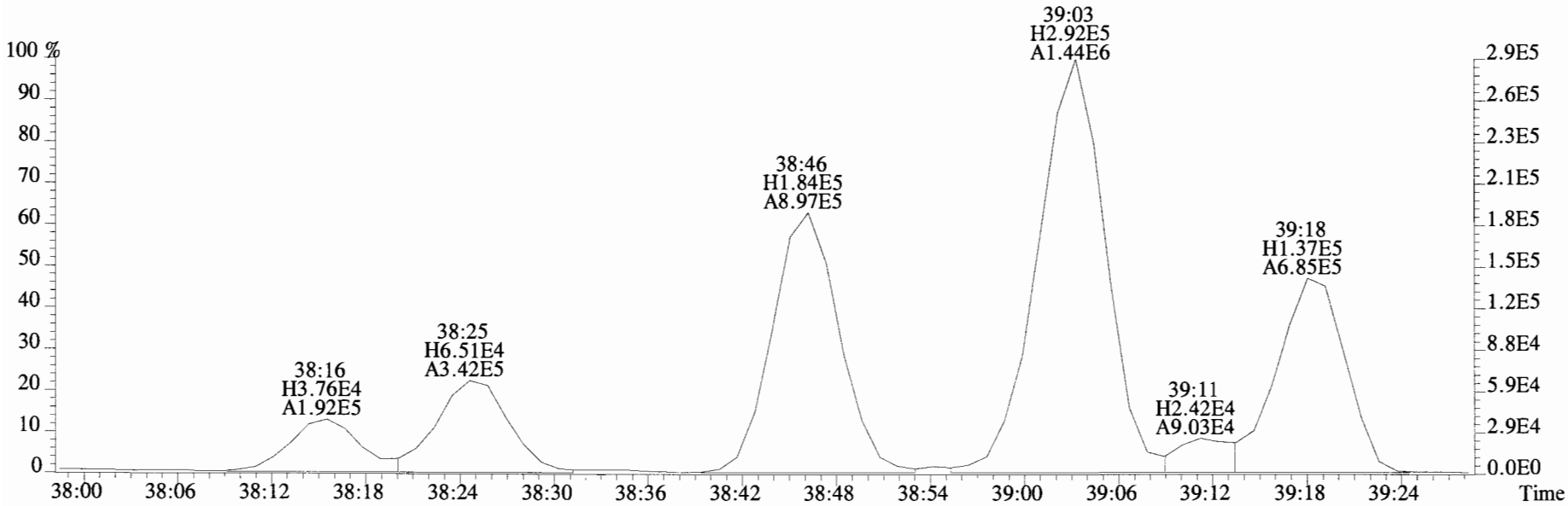
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2180.0,0.00%,F,F)



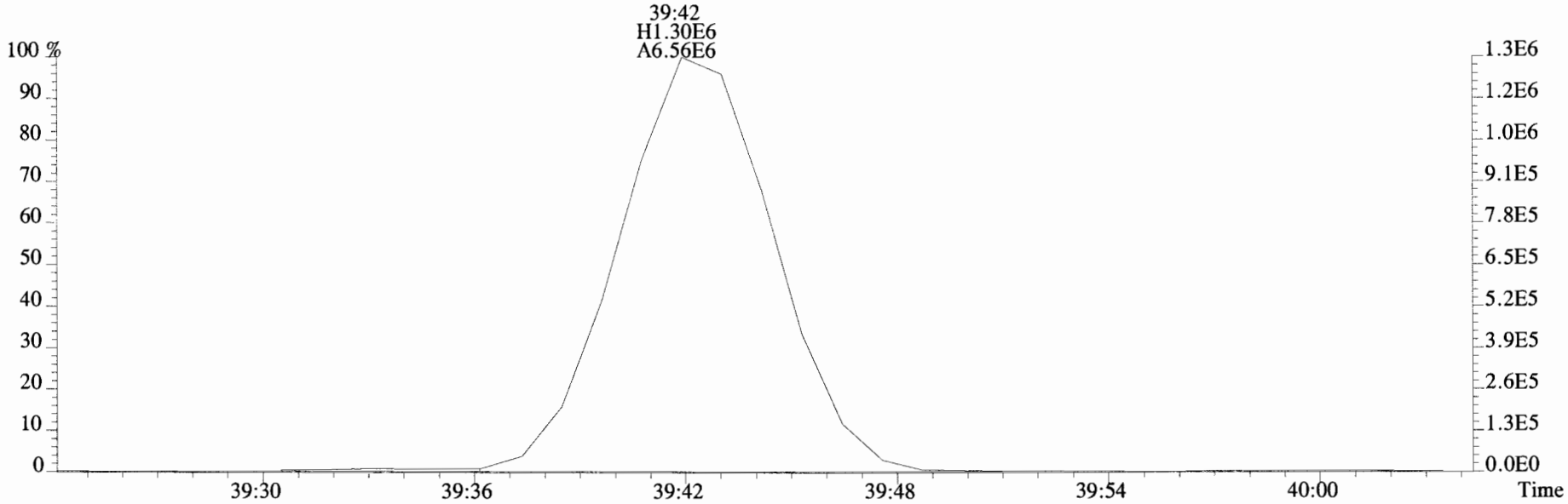
File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2224.0,0.00%,F,F)



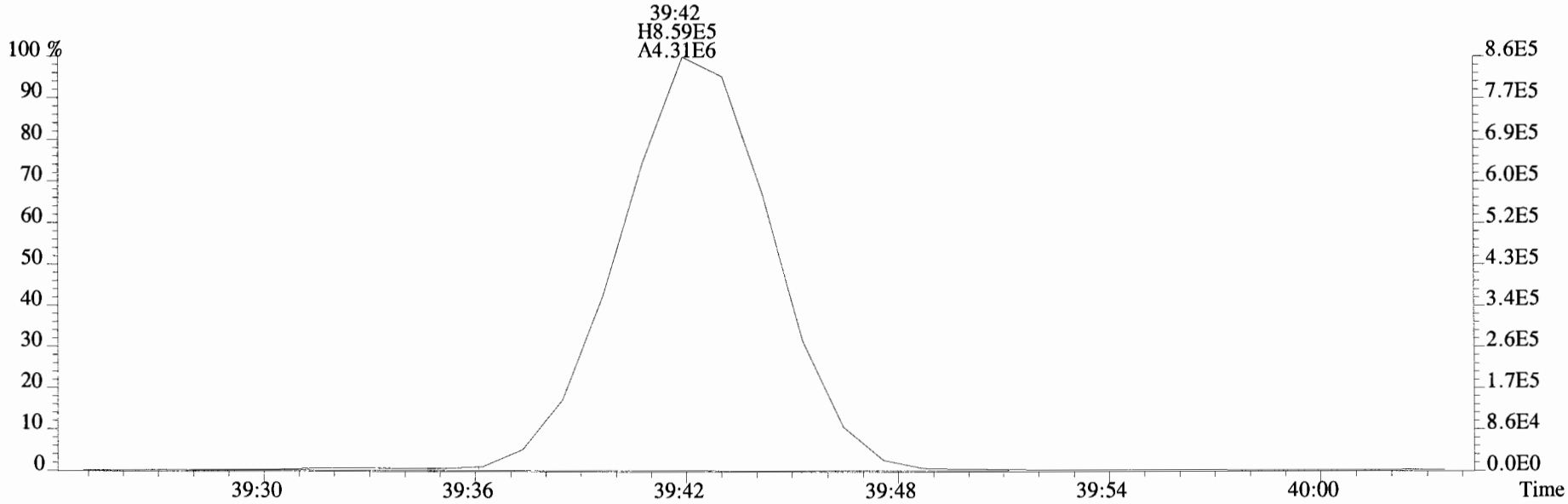
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2180.0,0.00%,F,F)



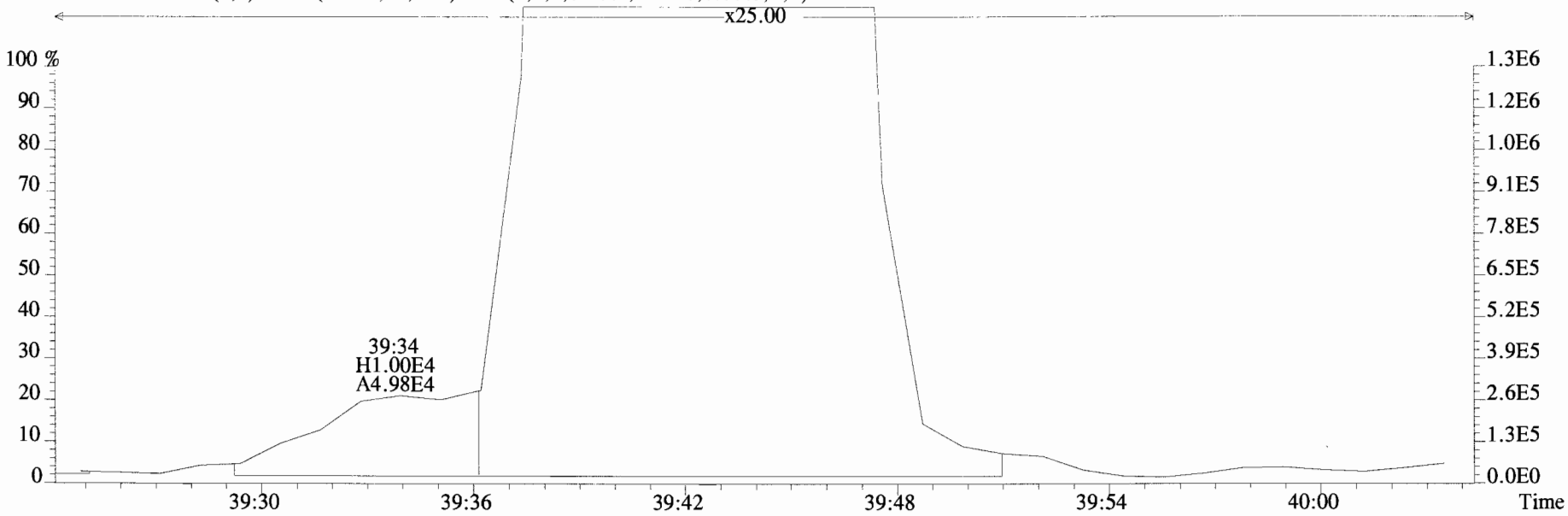
File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2224.0,0.00%,F,F)



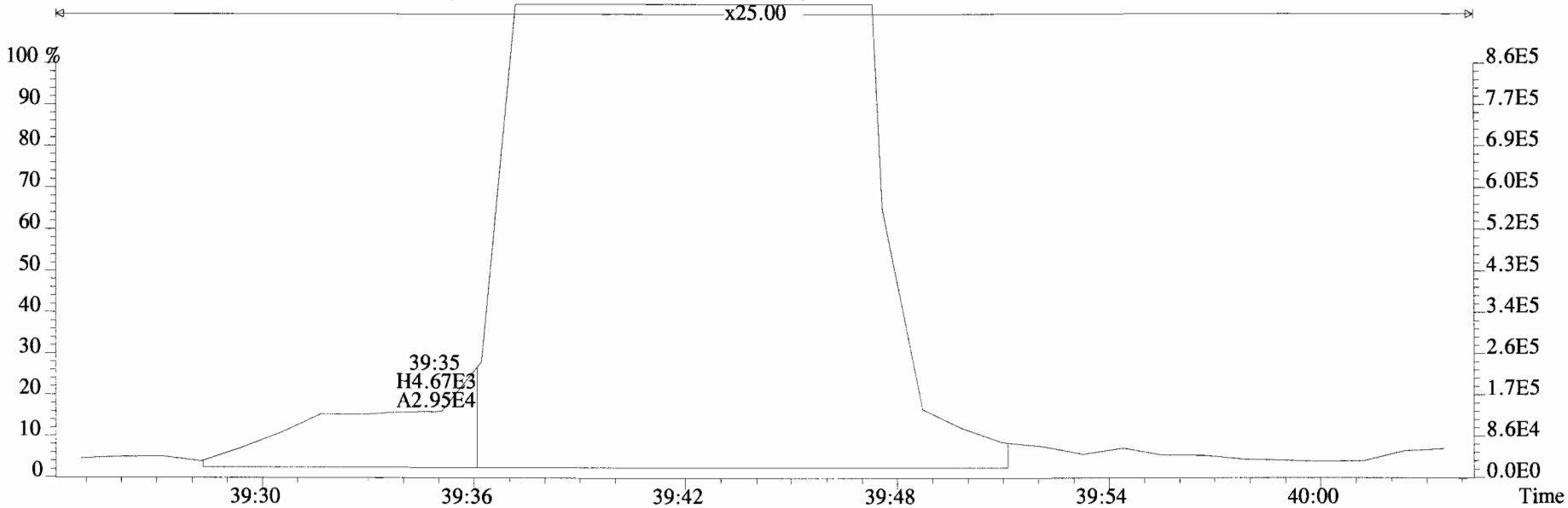
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2180.0,0.00%,F,F)



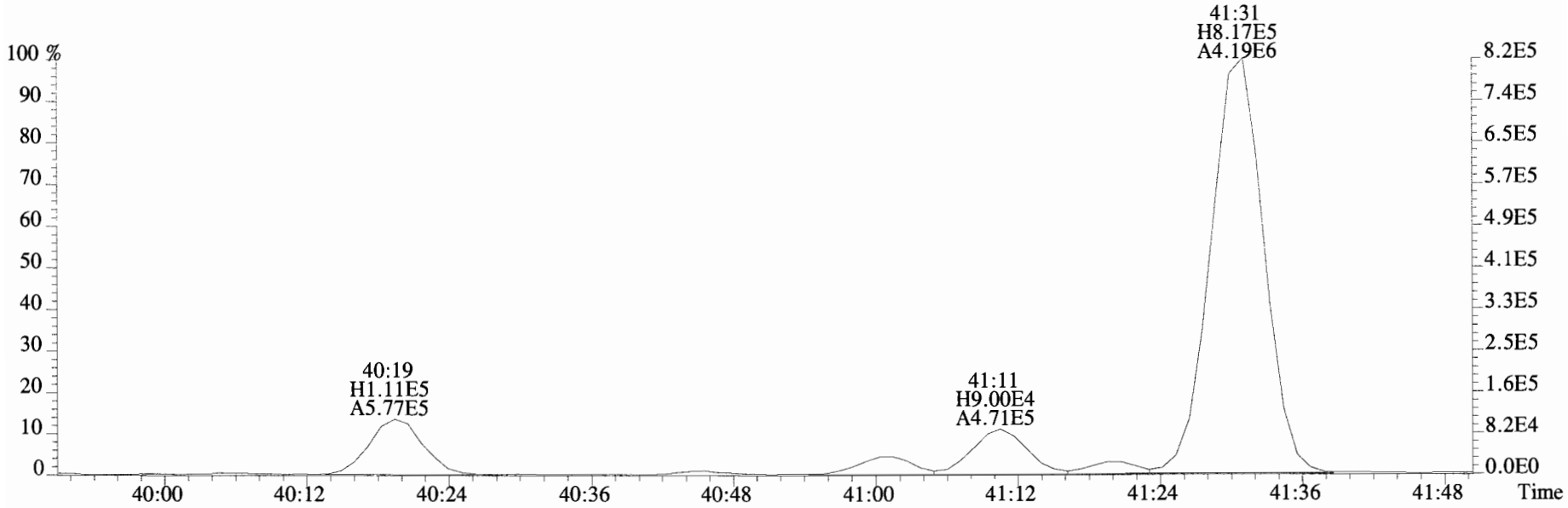
File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2224.0,0.00%,F,F)



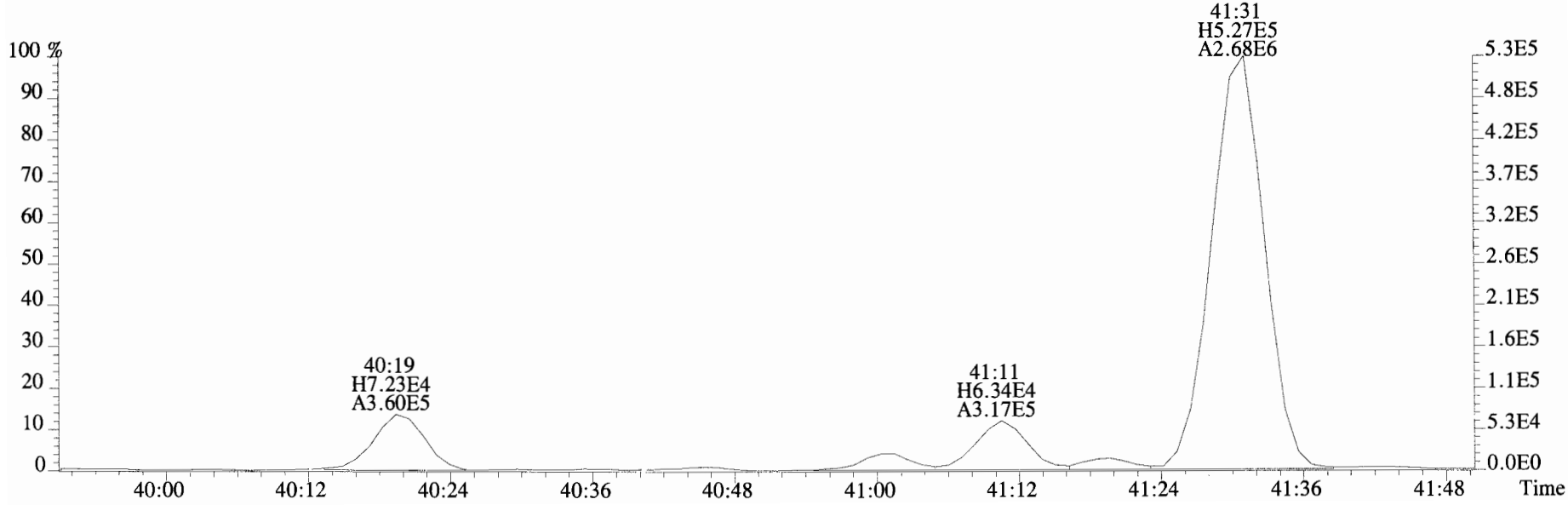
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2180.0,0.00%,F,F)



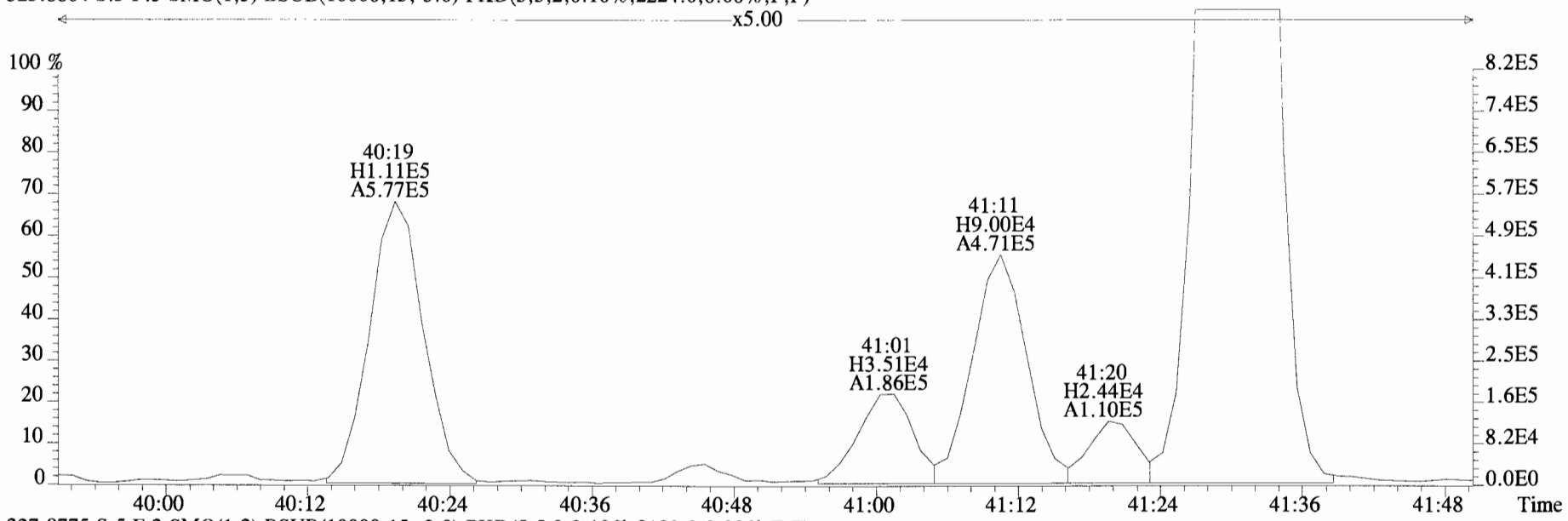
File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2224.0,0.00%,F,F)



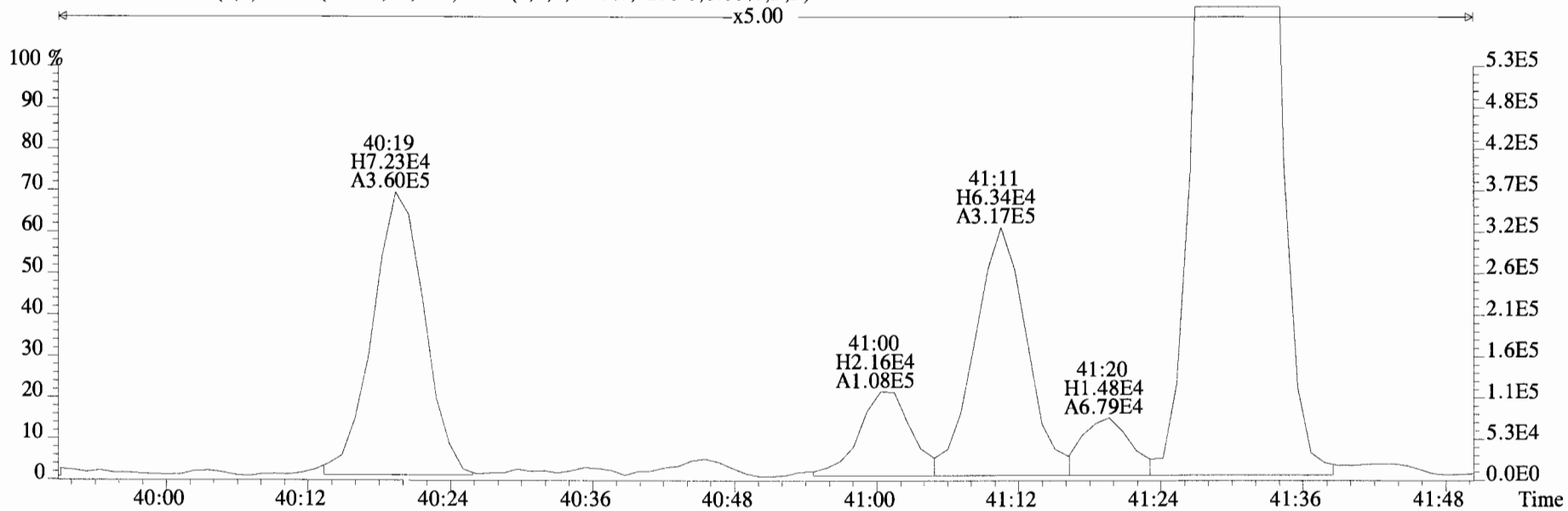
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2180.0,0.00%,F,F)



File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2224.0,0.00%,F,F)

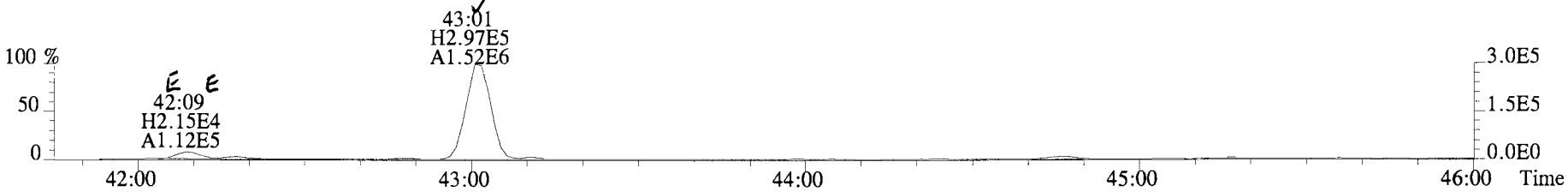


327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2180.0,0.00%,F,F)

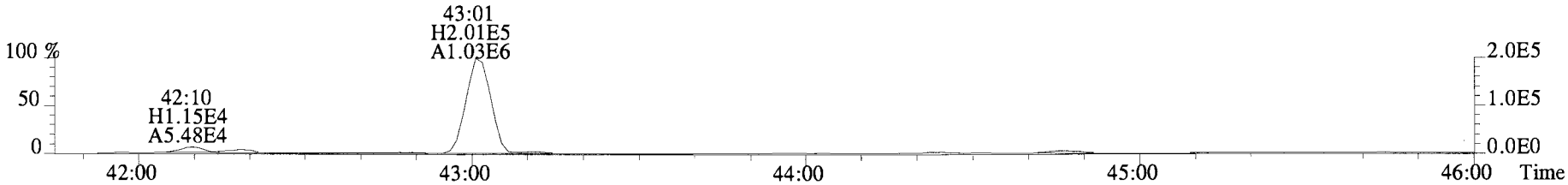


File:180303E1 #1-574 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1

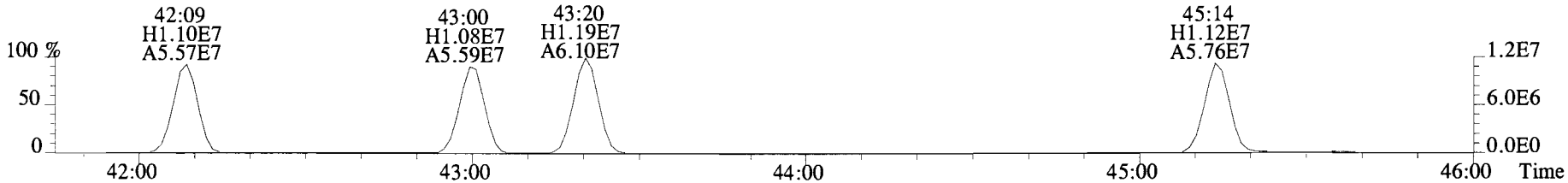
325.8804 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2024.0,0.00%,F,F)



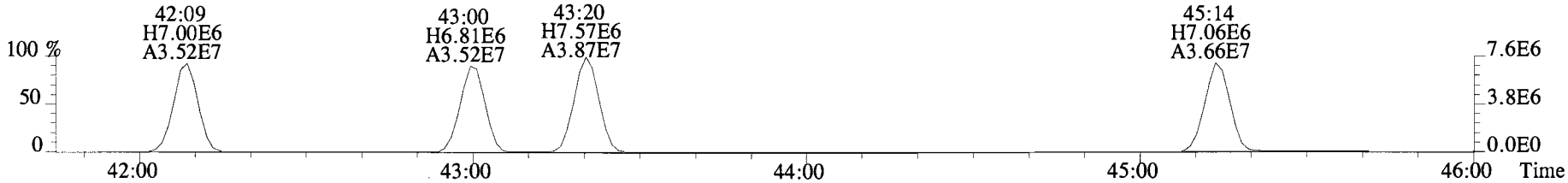
327.8775 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1824.0,0.00%,F,F)



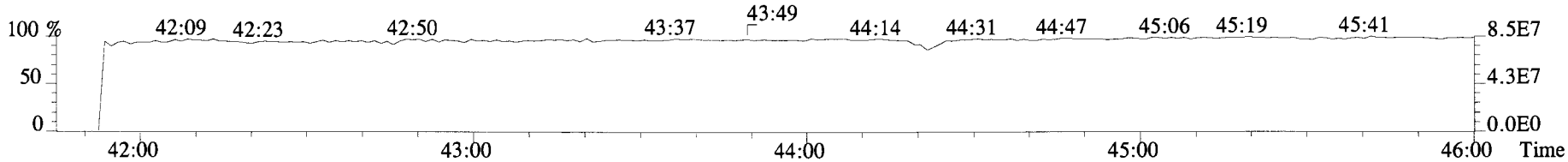
337.9207 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8392.0,0.00%,F,F)



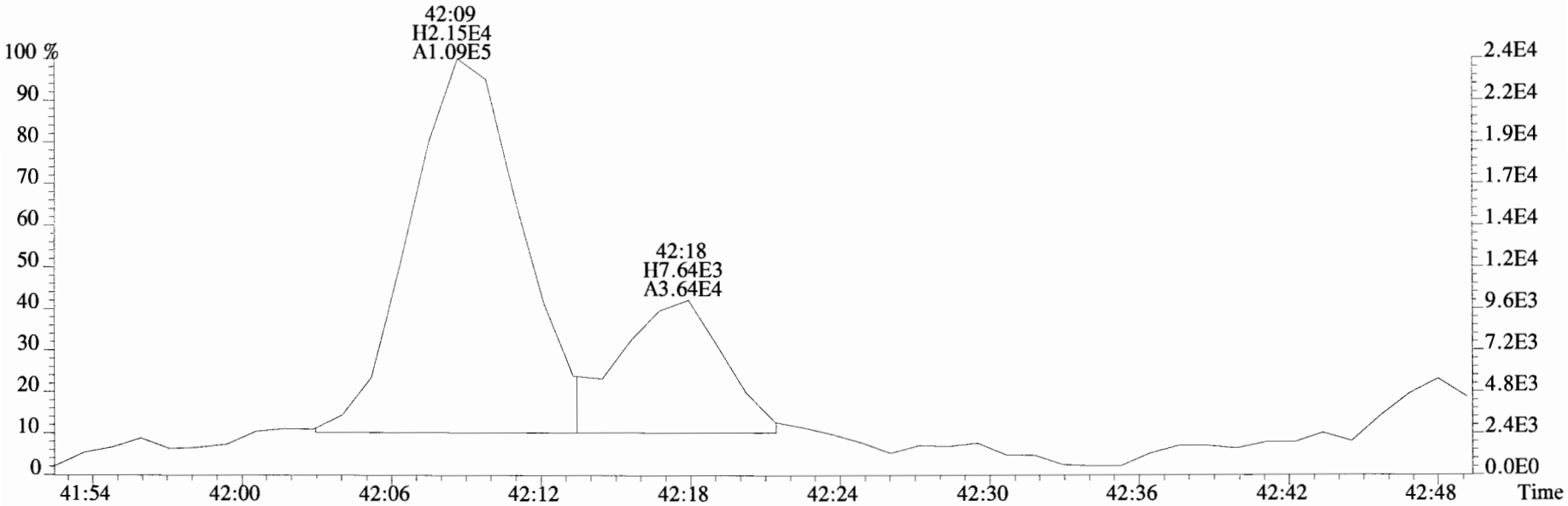
339.9177 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6676.0,0.00%,F,F)



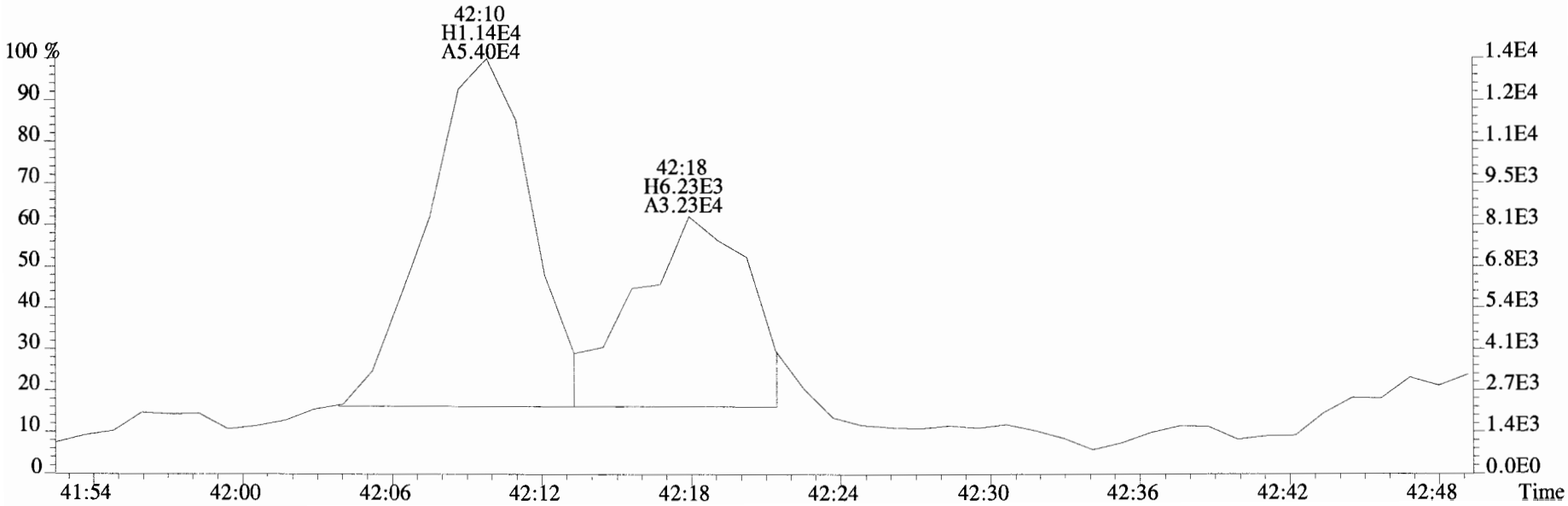
380.9760 S:5 F:4



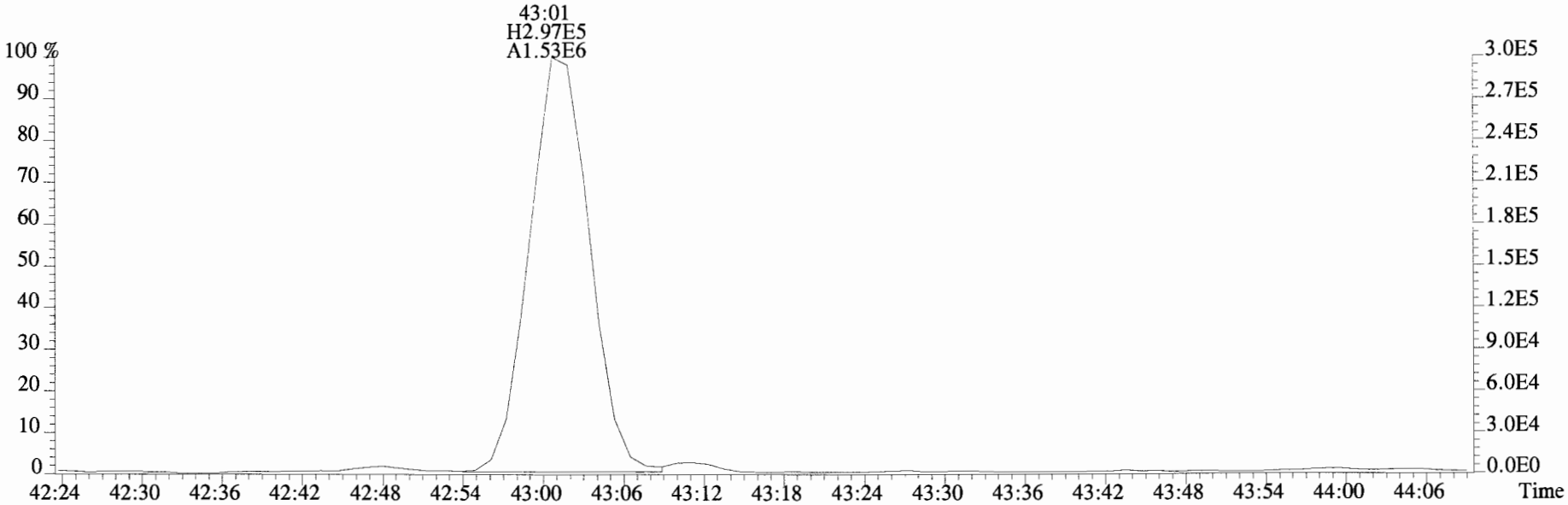
File:180303E1 #1-574 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
325.8804 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2024.0,0.00%,F,F)



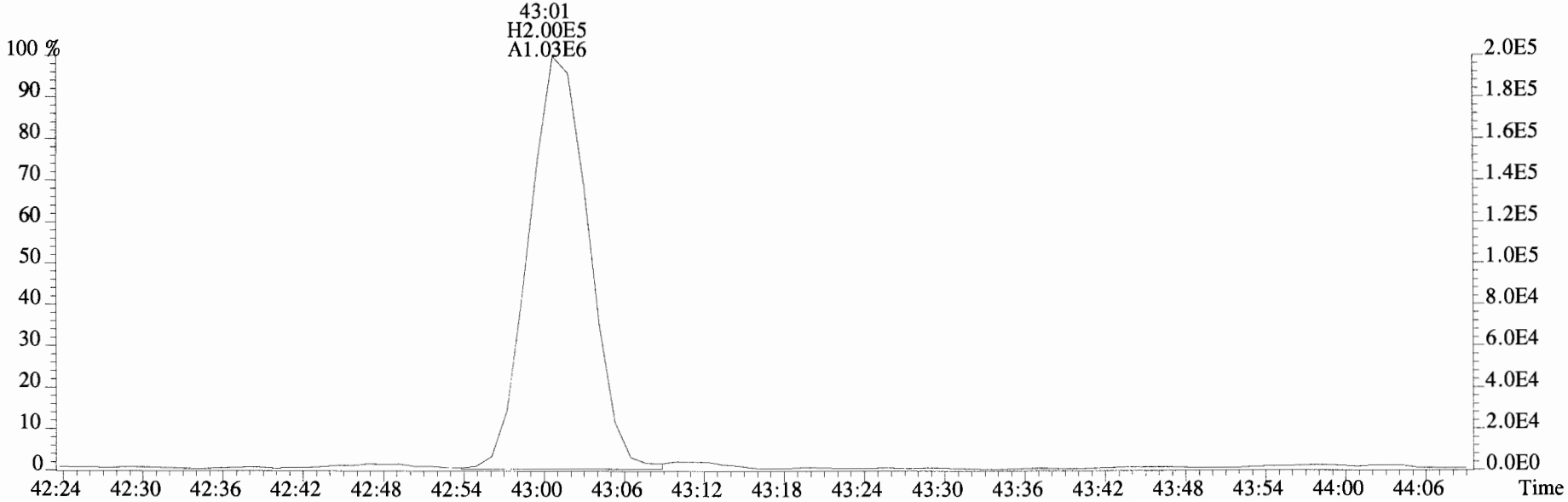
327.8775 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1824.0,0.00%,F,F)



File:180303E1 #1-574 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
325.8804 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2024.0,0.00%,F,F)

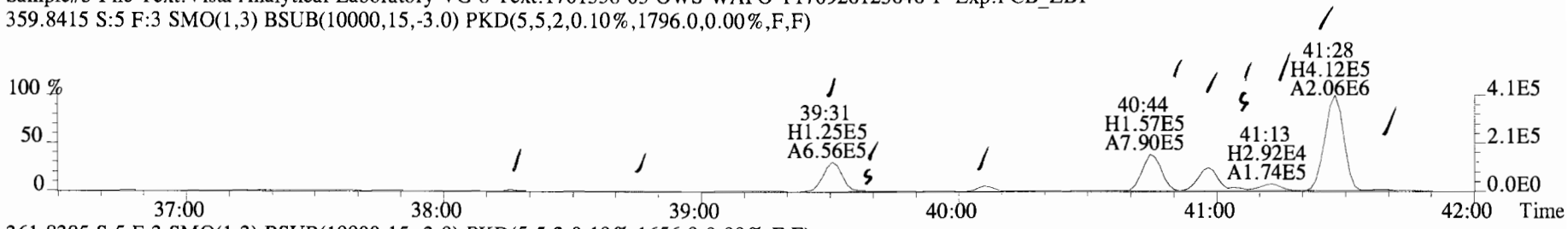


327.8775 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1824.0,0.00%,F,F)

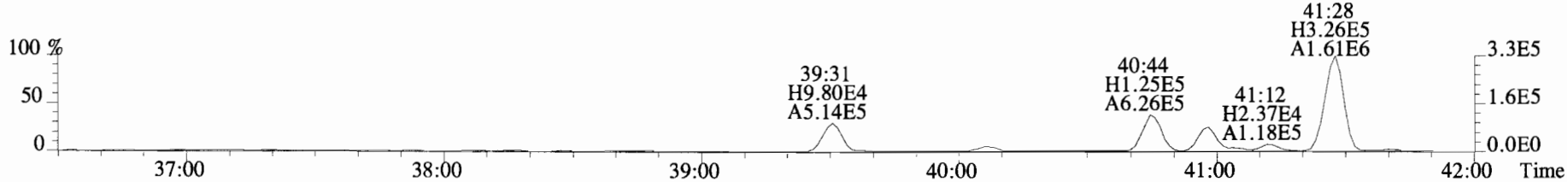


File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1

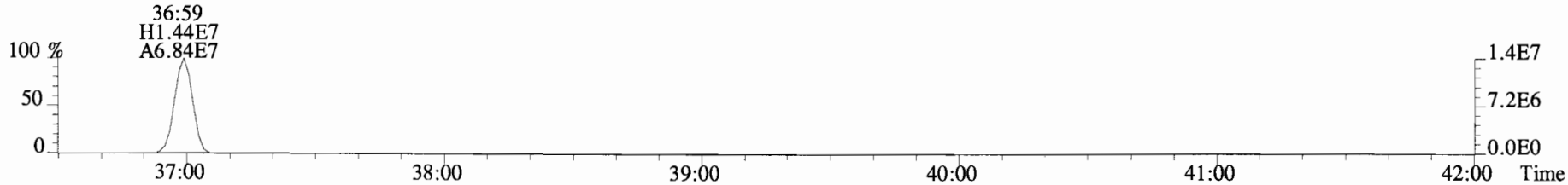
359.8415 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1796.0,0.00%,F,F)



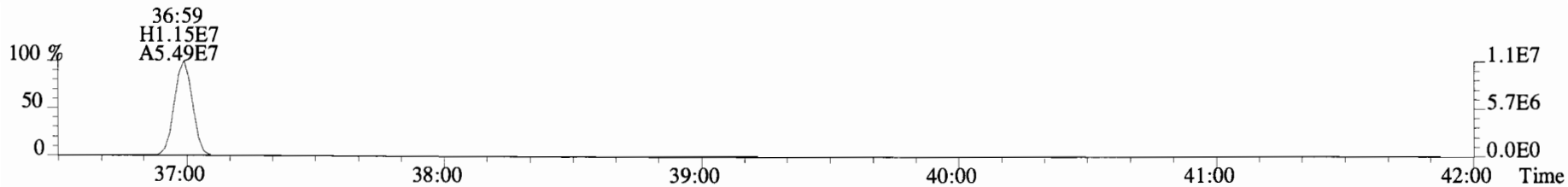
361.8385 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1656.0,0.00%,F,F)



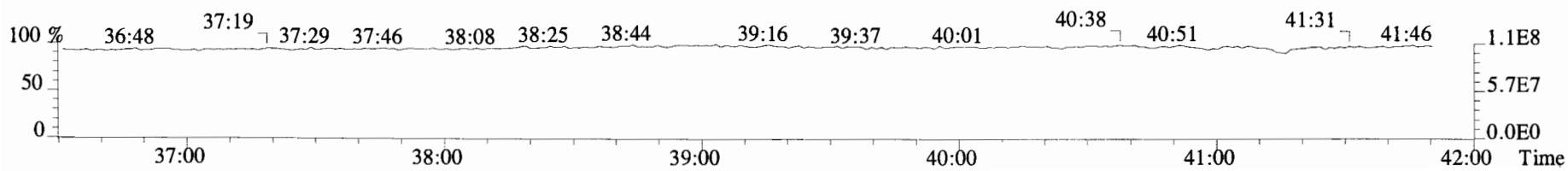
371.8817 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2136.0,0.00%,F,F)



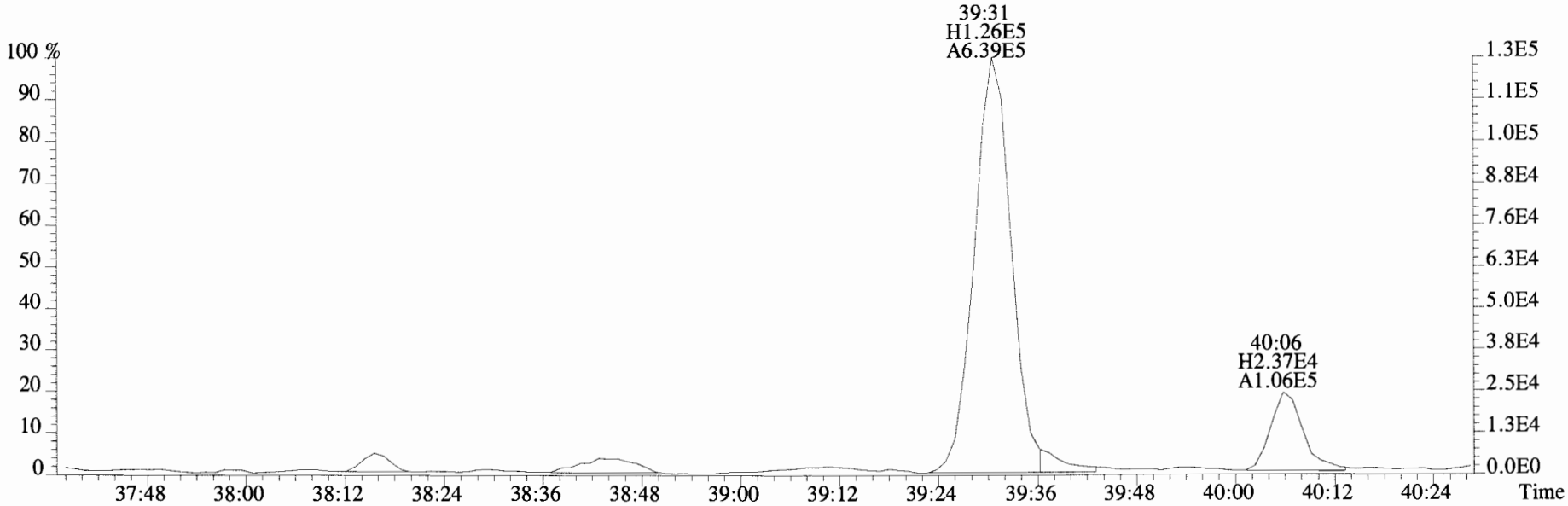
373.8788 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2704.0,0.00%,F,F)



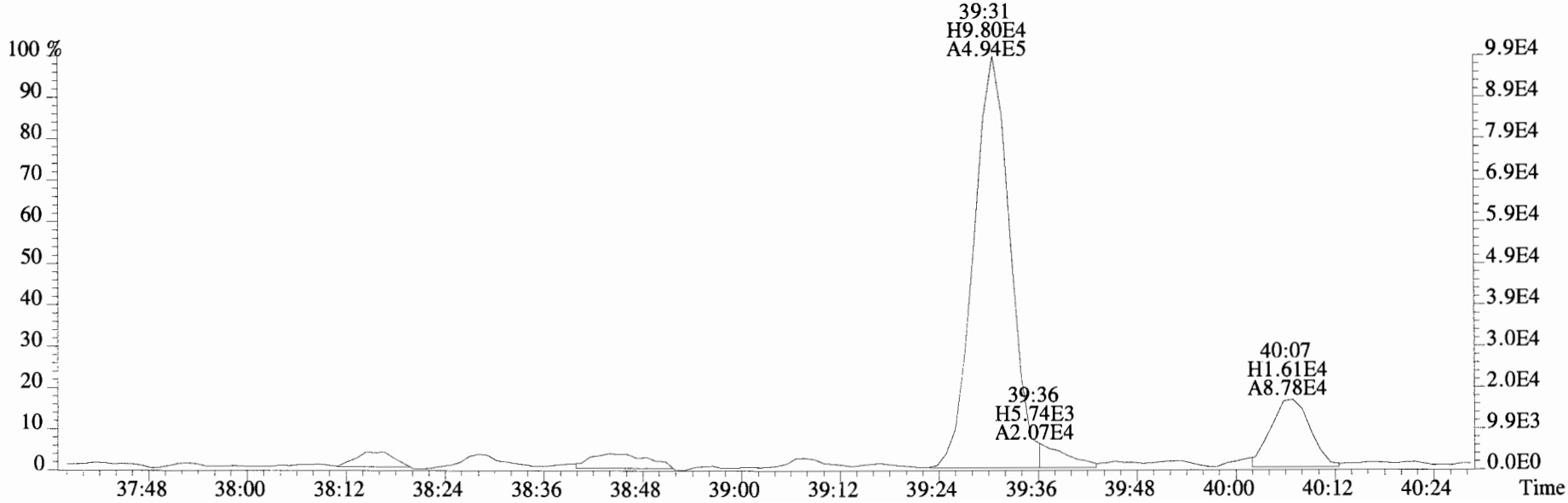
330.9792 S:5 F:3



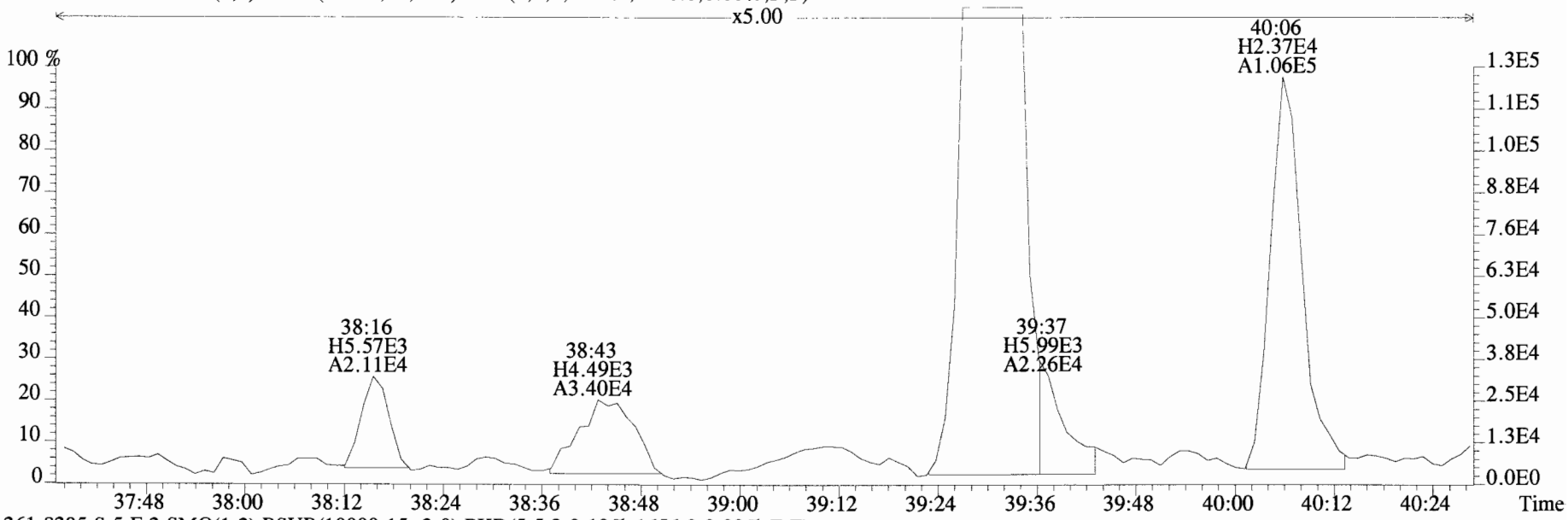
File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
359.8415 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1796.0,0.00%,F,F)



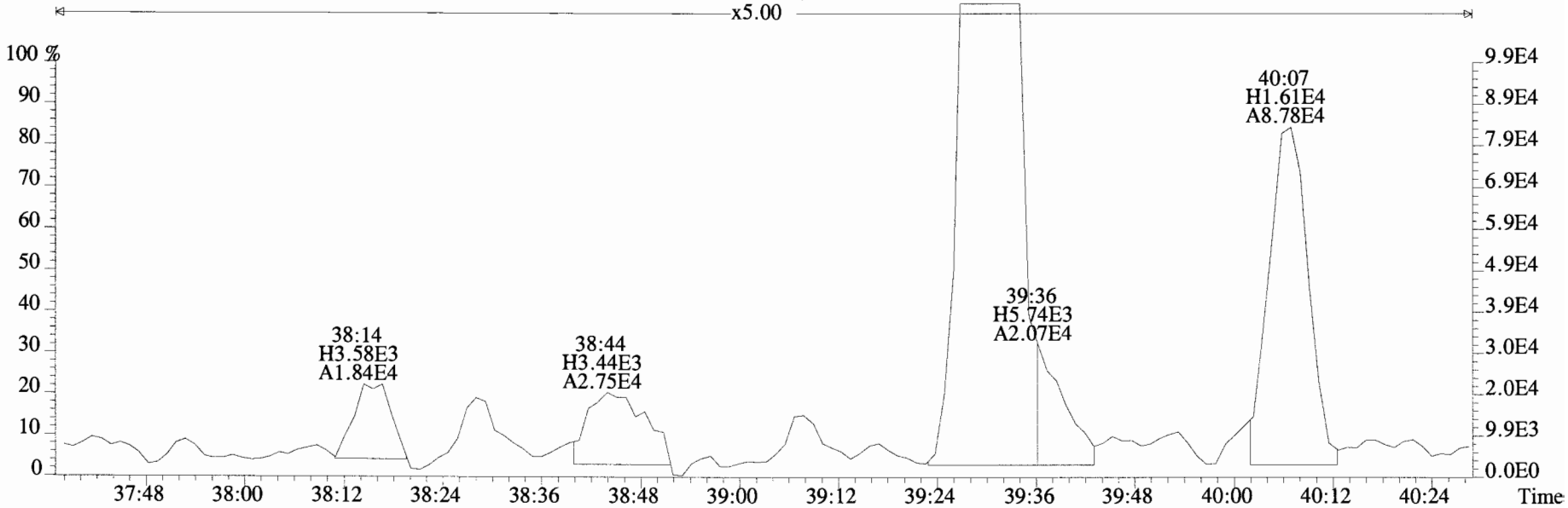
361.8385 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1656.0,0.00%,F,F)



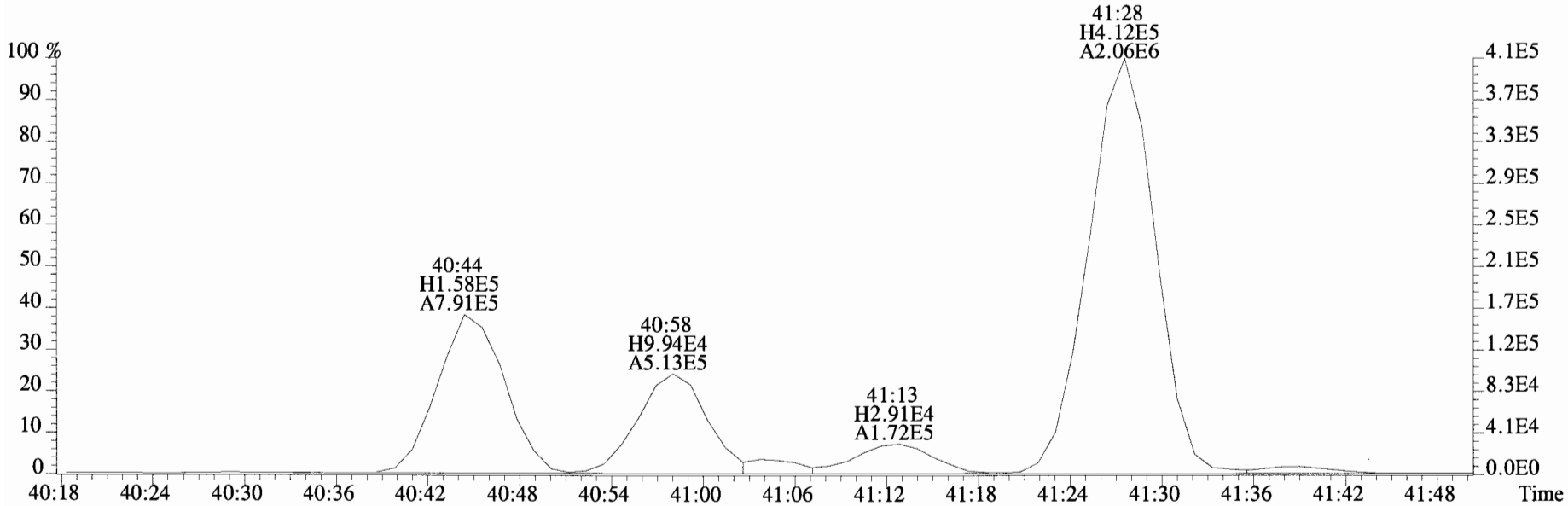
File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
359.8415 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1796.0,0.00%,F,F)



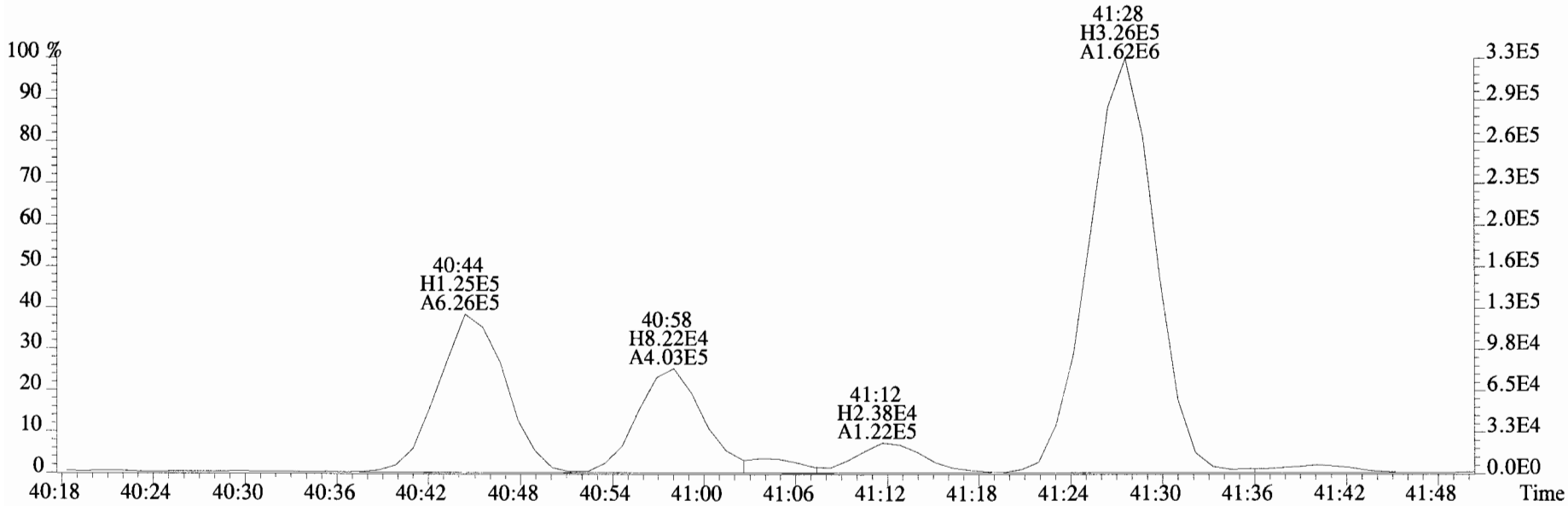
361.8385 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1656.0,0.00%,F,F)



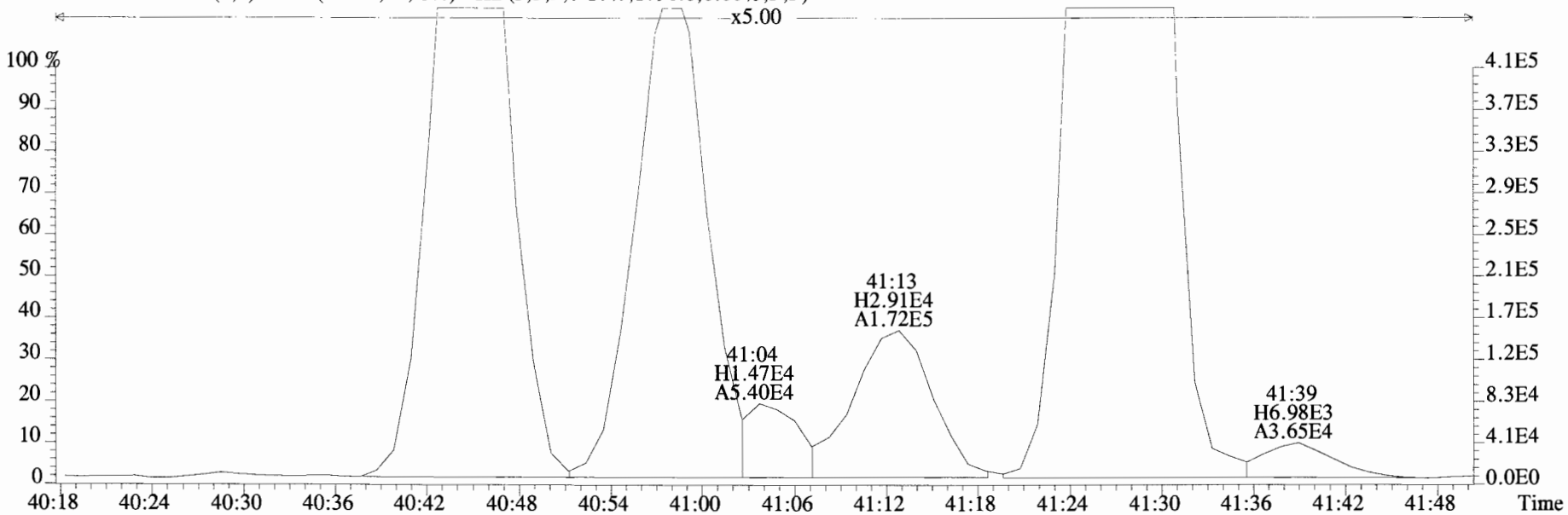
File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
359.8415 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1796.0,0.00%,F,F)



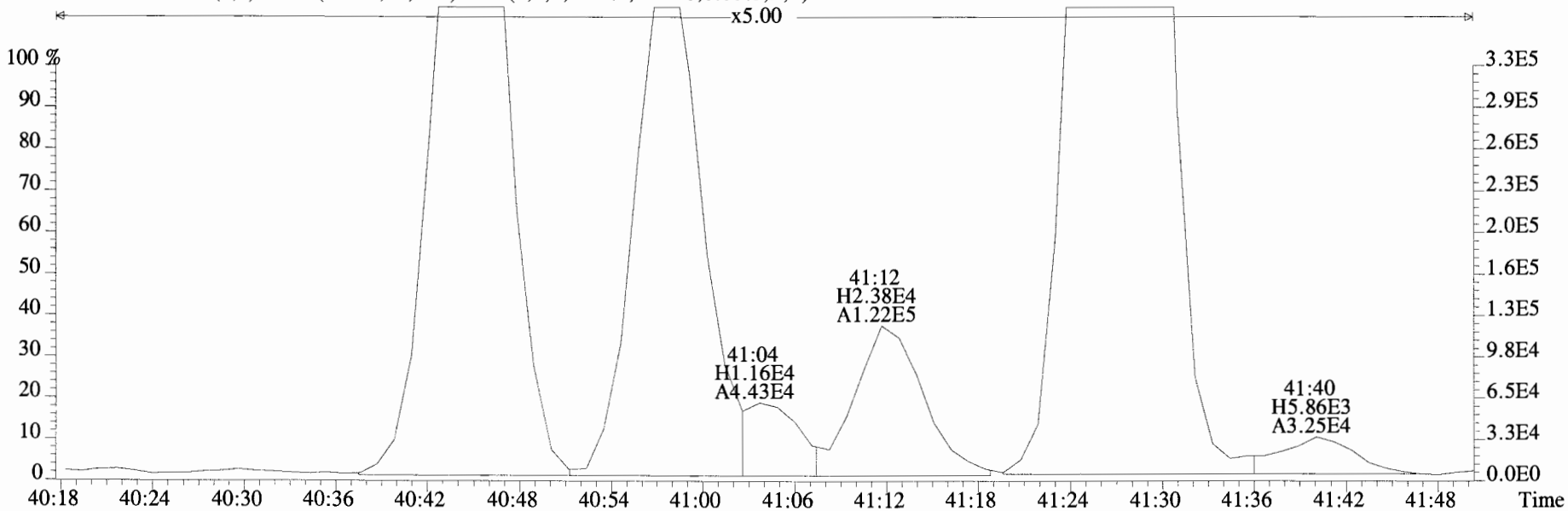
361.8385 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1656.0,0.00%,F,F)



File:180303E1 #1-756 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
359.8415 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1796.0,0.00%,F,F)

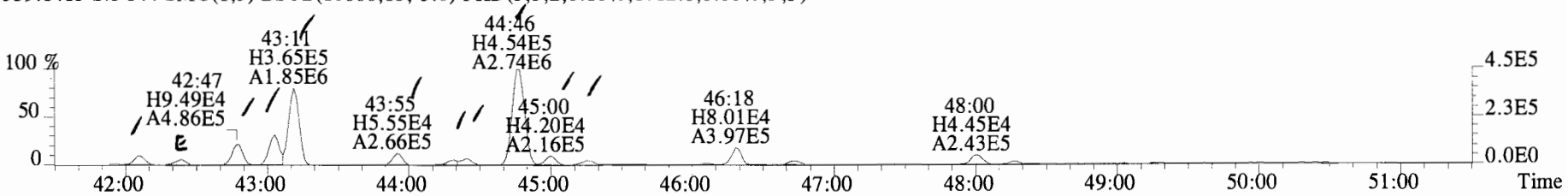


361.8385 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1656.0,0.00%,F,F)

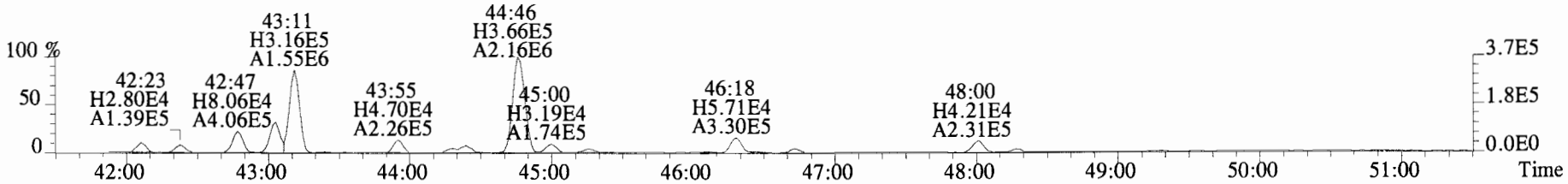


File:180303E1 #1-574 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1

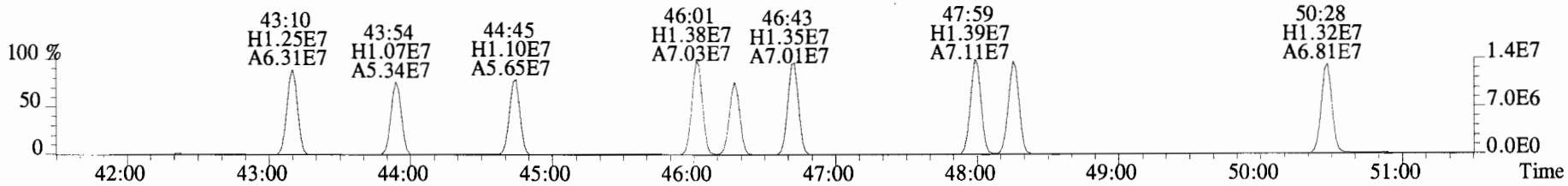
359.8415 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1712.0,0.00%,F,F)



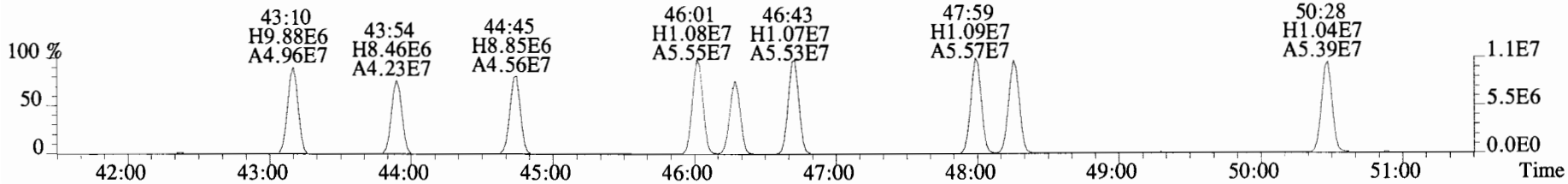
361.8385 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1936.0,0.00%,F,F)



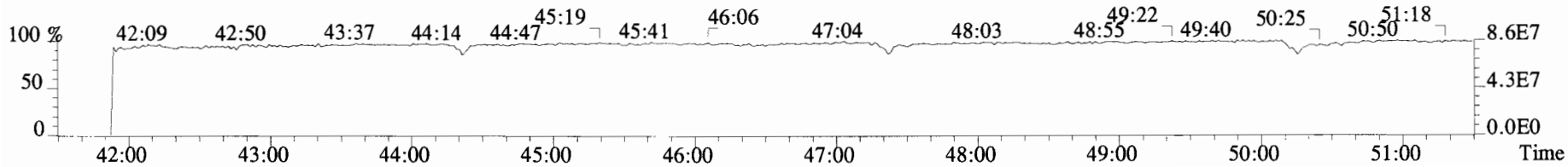
371.8817 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17036.0,0.00%,F,F)



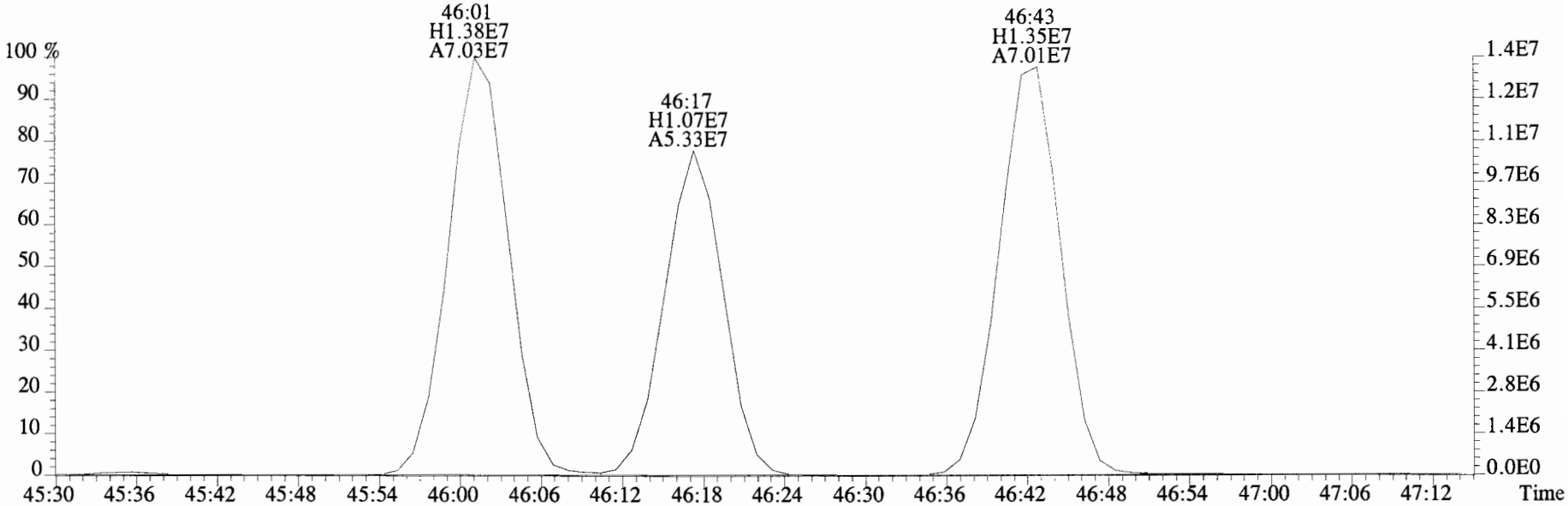
373.8788 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14192.0,0.00%,F,F)



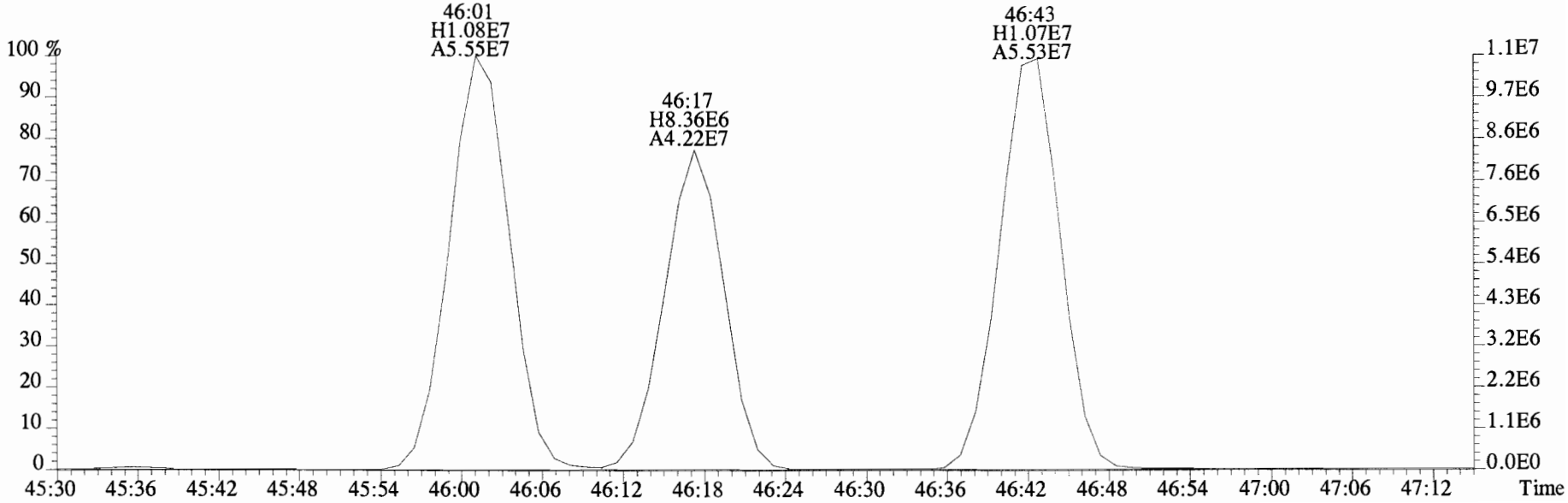
380.9760 S:5 F:4



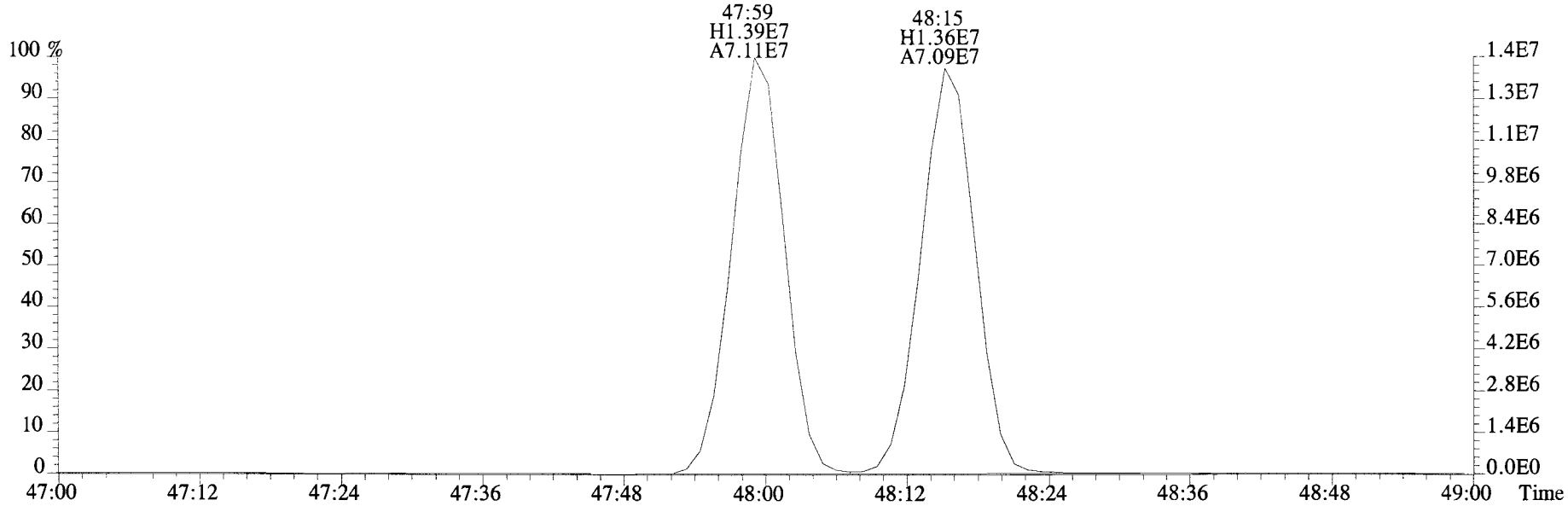
File:180303E1 #1-574 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
371.8817 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17036.0,0.00%,F,F)



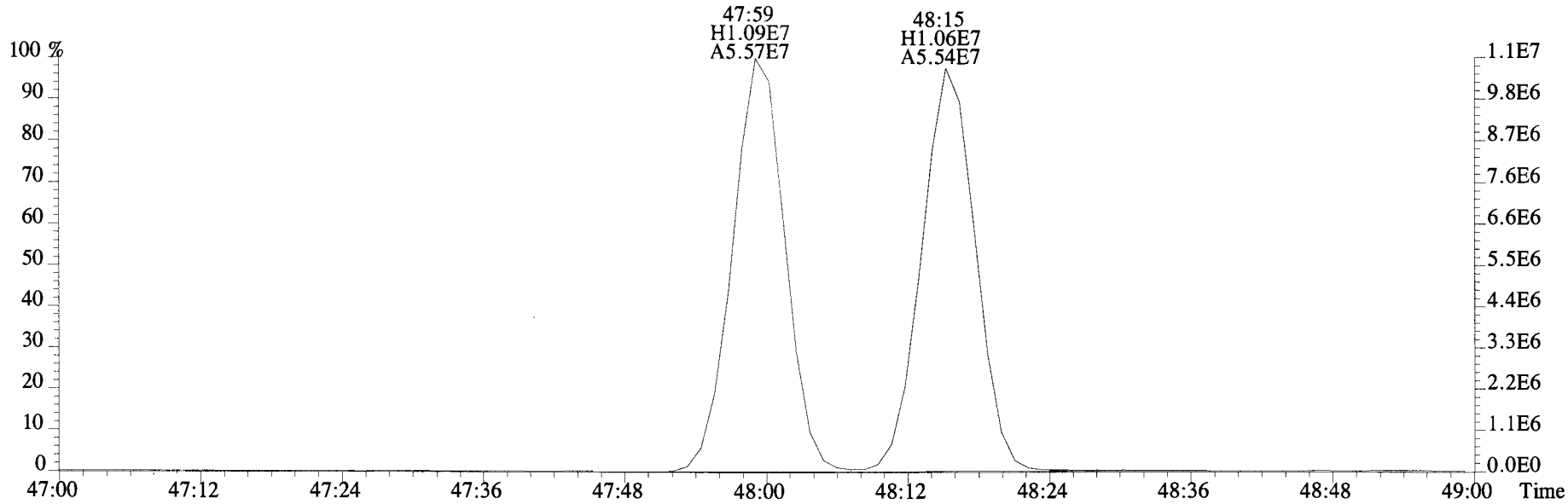
373.8788 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14192.0,0.00%,F,F)



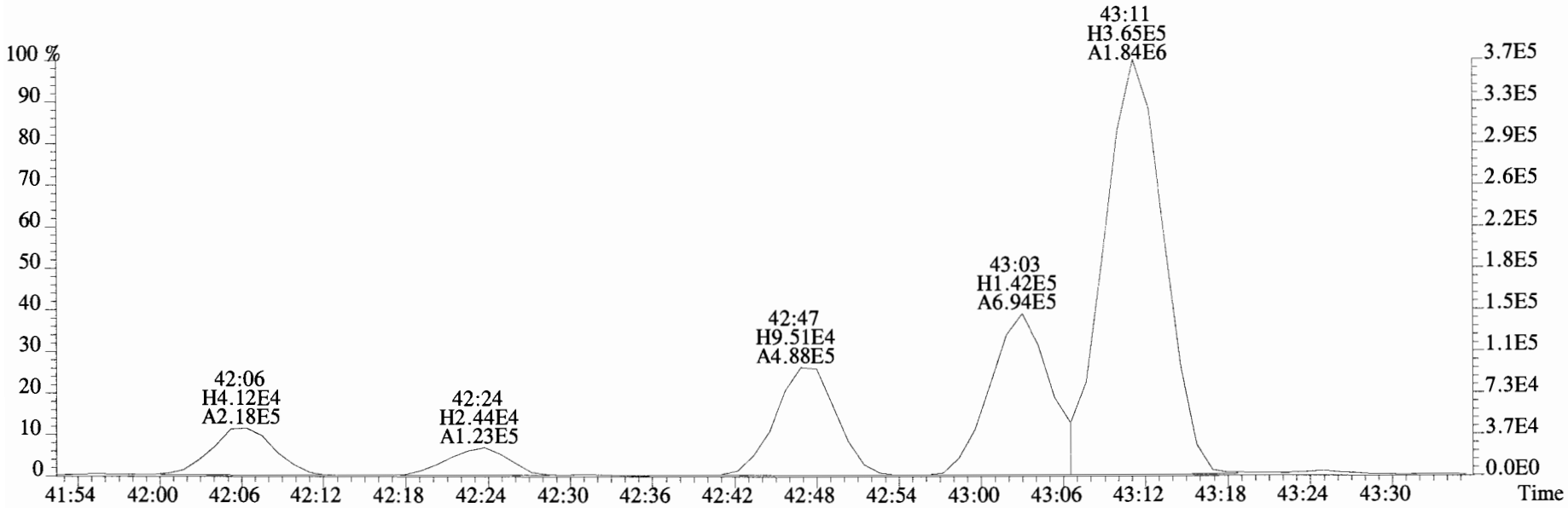
File:180303E1 #1-574 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
371.8817 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17036.0,0.00%,F,F)



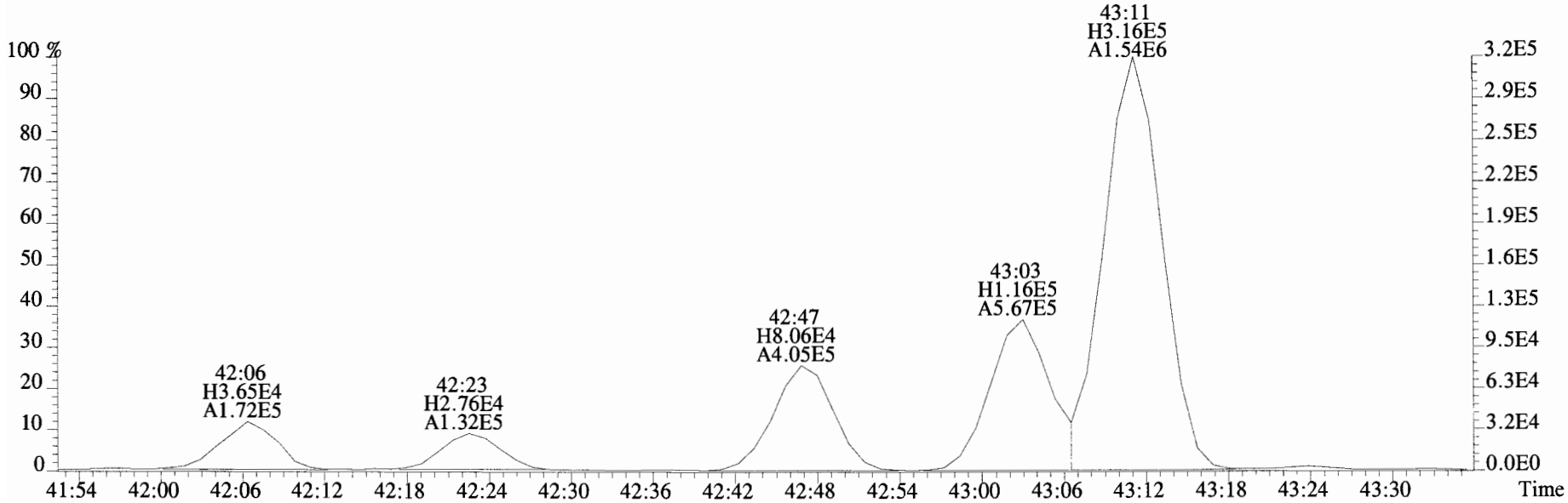
373.8788 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14192.0,0.00%,F,F)



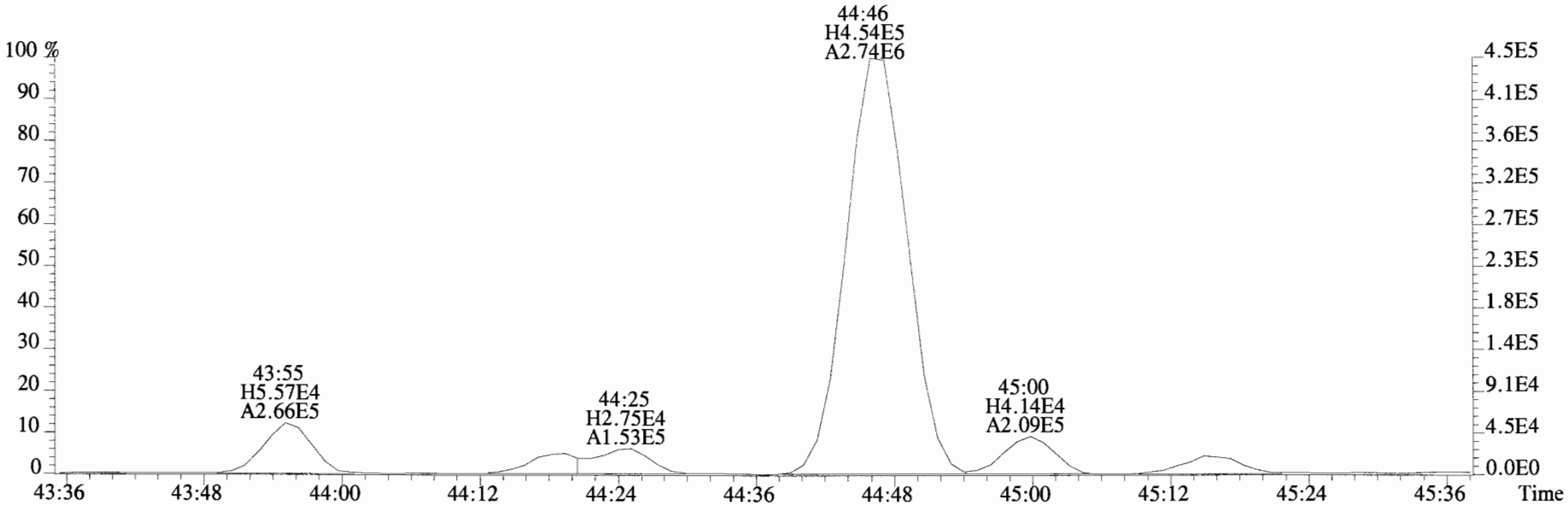
File:180303E1 #1-574 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
359.8415 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1712.0,0.00%,F,F)



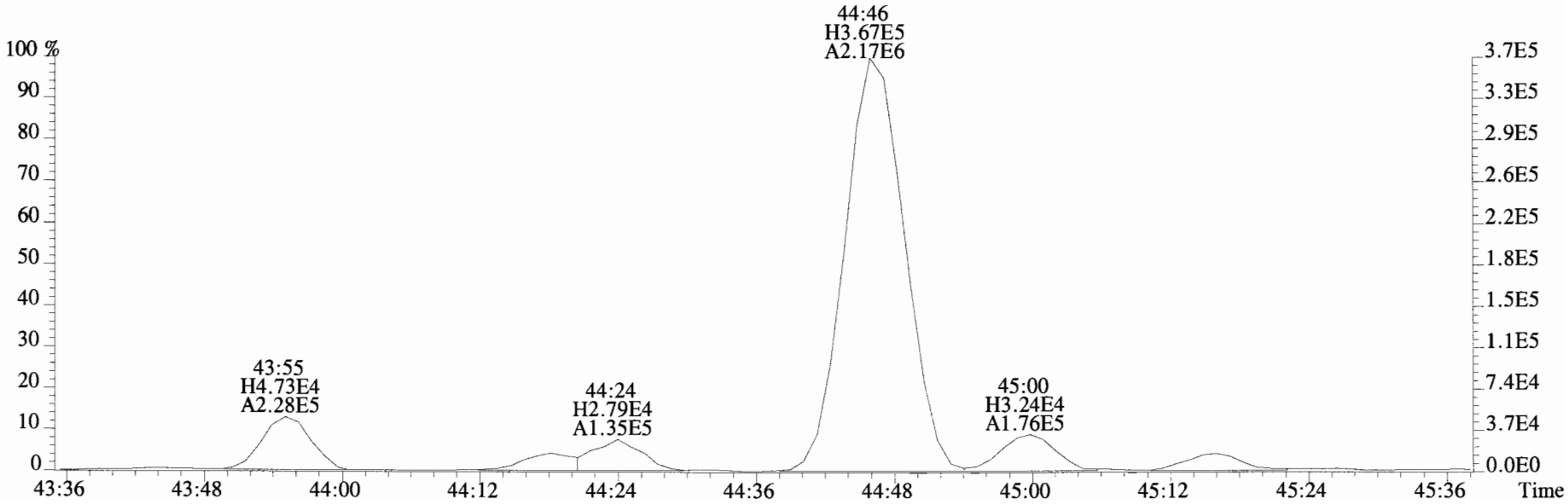
361.8385 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1936.0,0.00%,F,F)



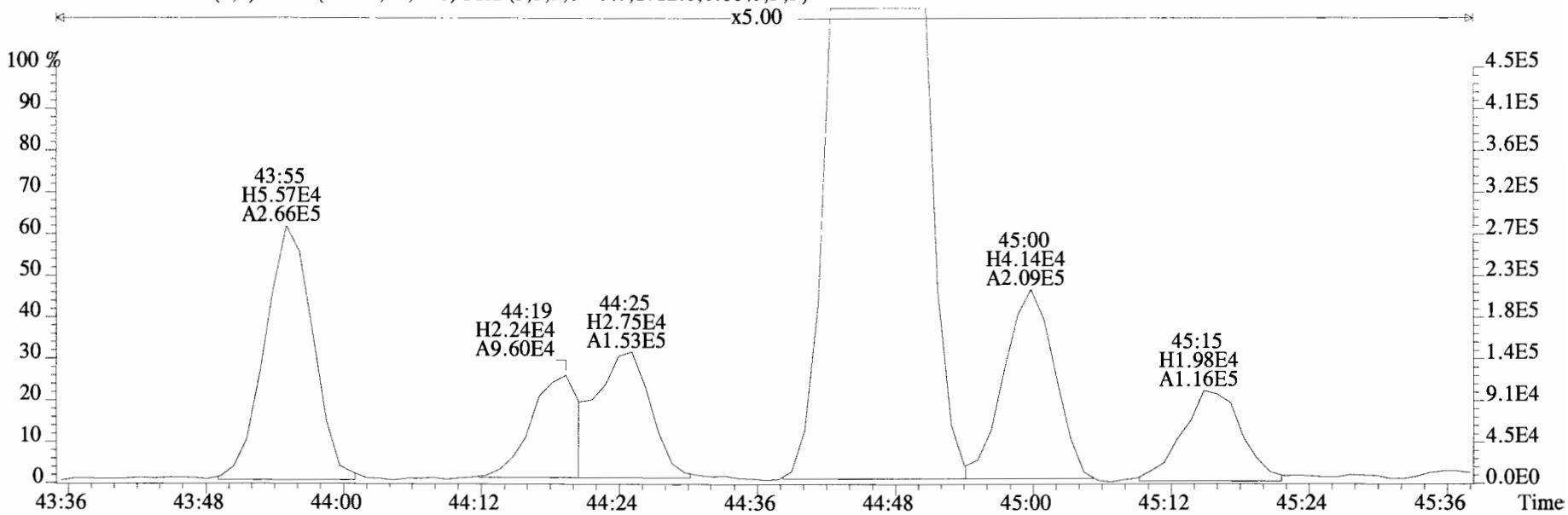
File:180303E1 #1-574 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
359.8415 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1712.0,0.00%,F,F)



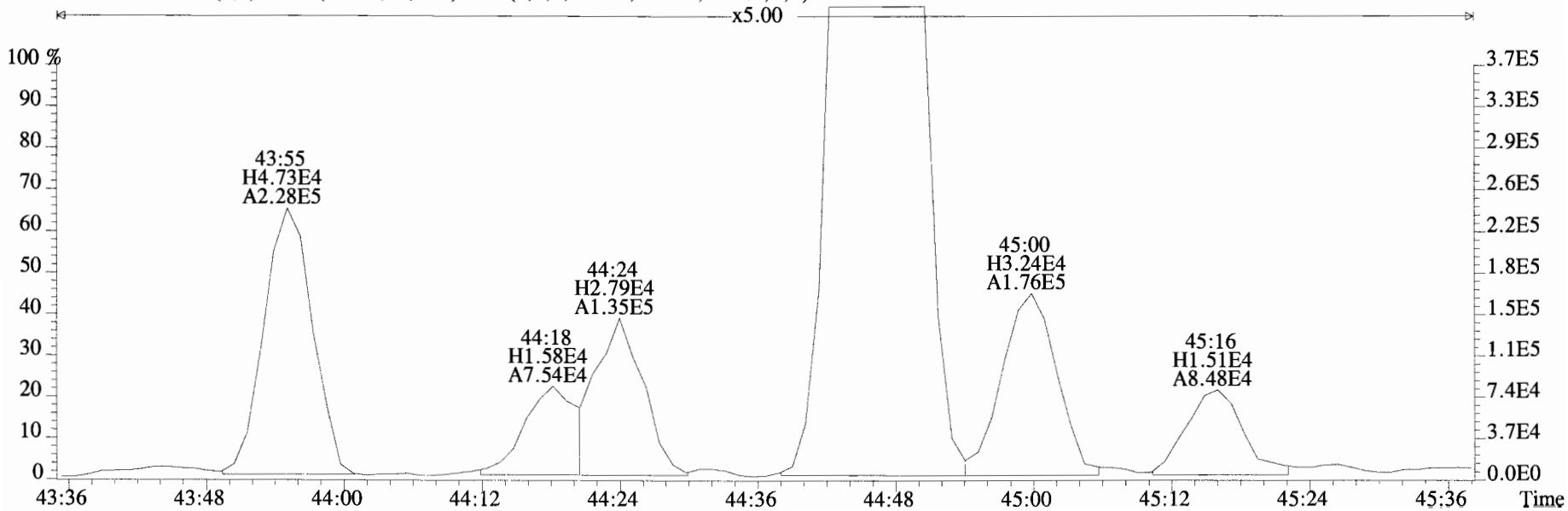
361.8385 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1936.0,0.00%,F,F)



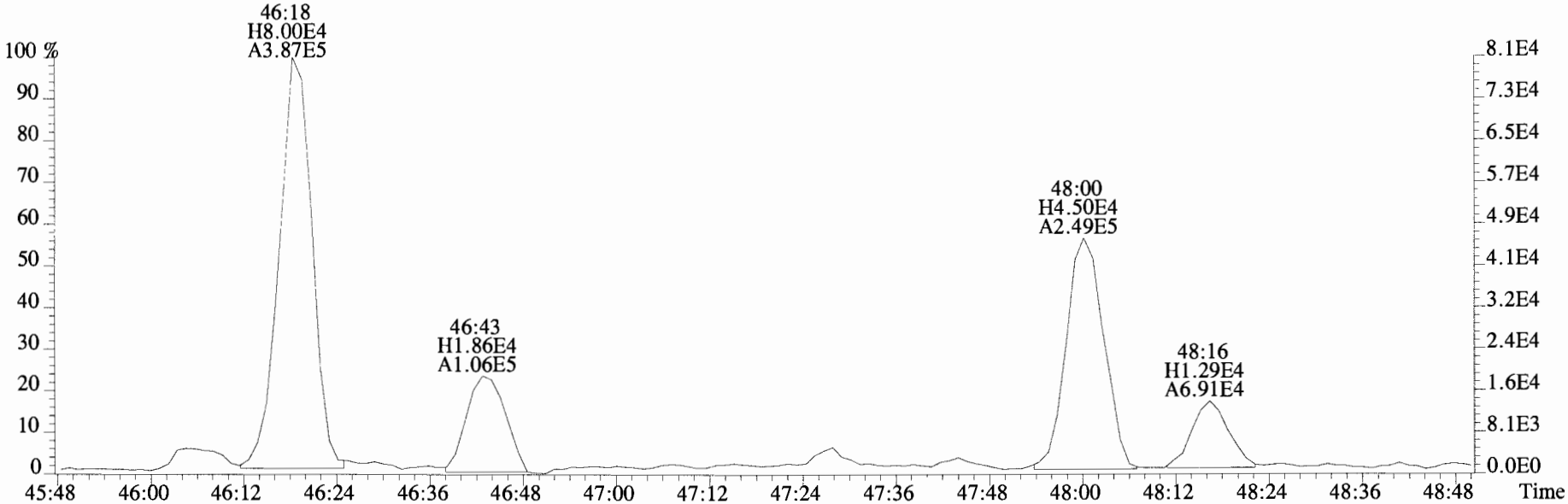
File:180303E1 #1-574 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
359.8415 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1712.0,0.00%,F,F)



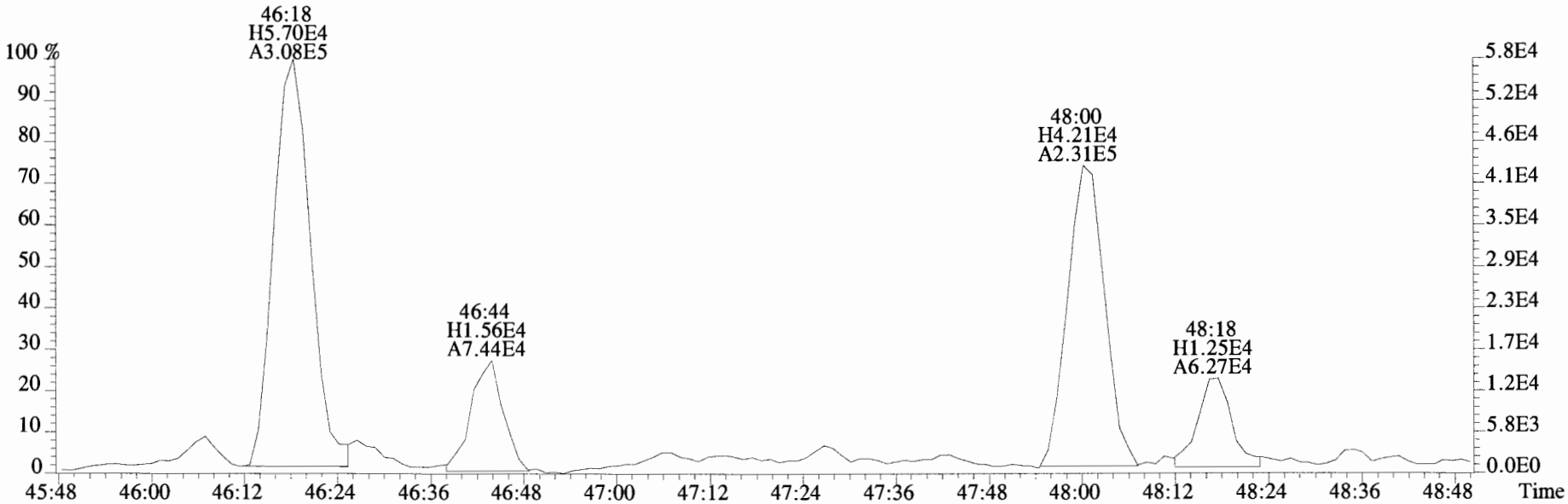
361.8385 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1936.0,0.00%,F,F)



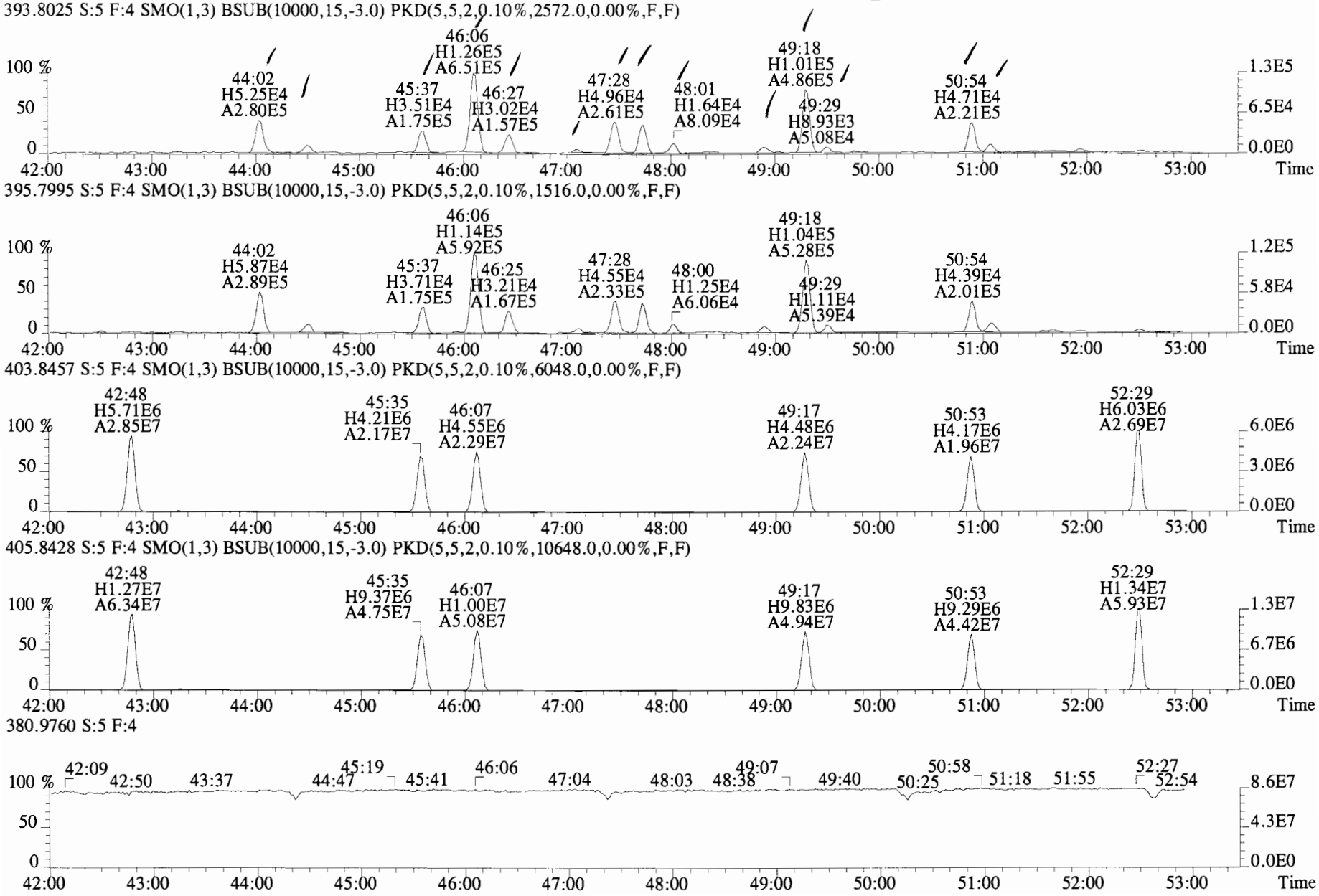
File:180303E1 #1-574 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
359.8415 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1712.0,0.00%,F,F)



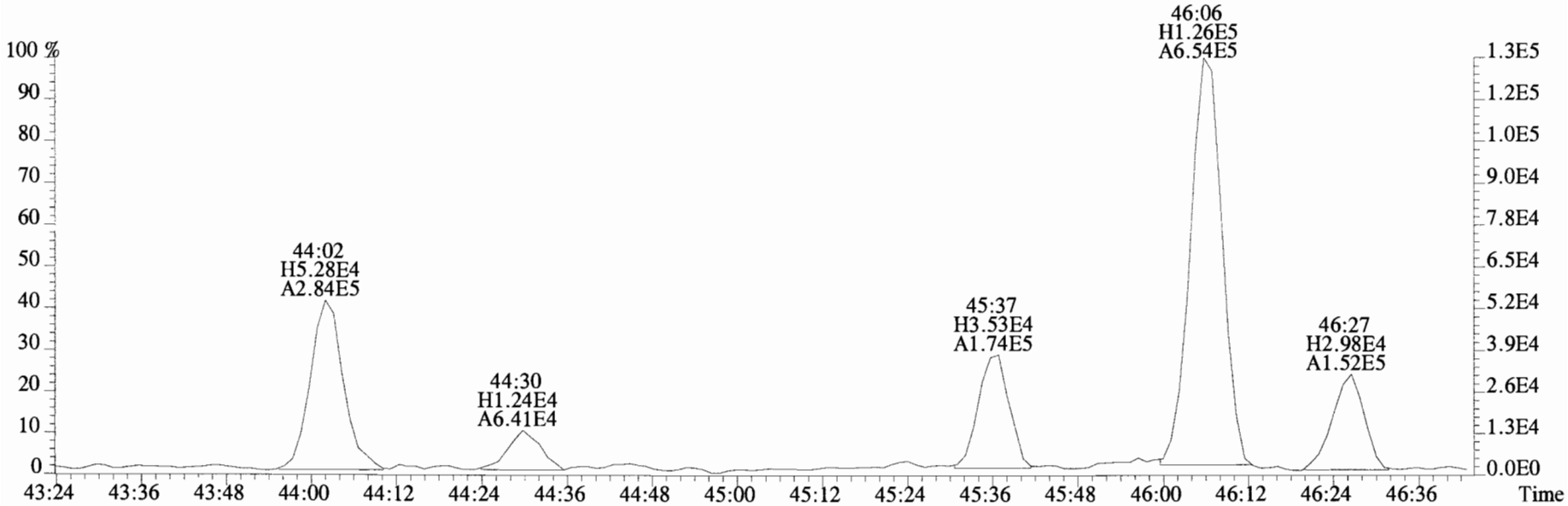
361.8385 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1936.0,0.00%,F,F)



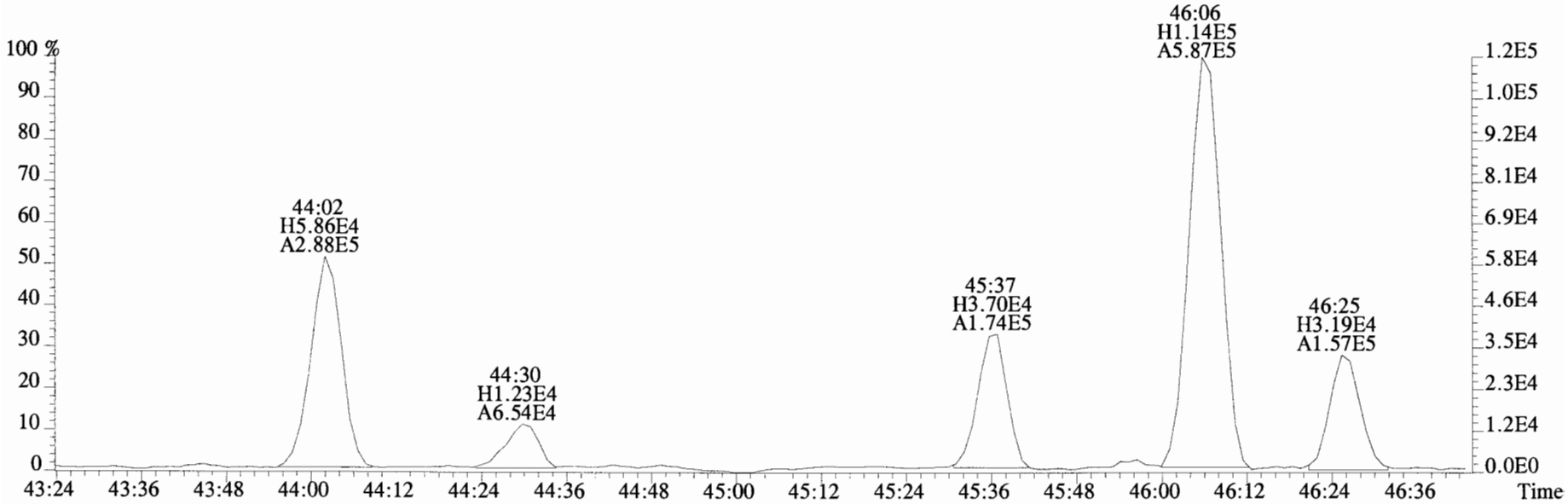
File:180303E1 #1-574 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1



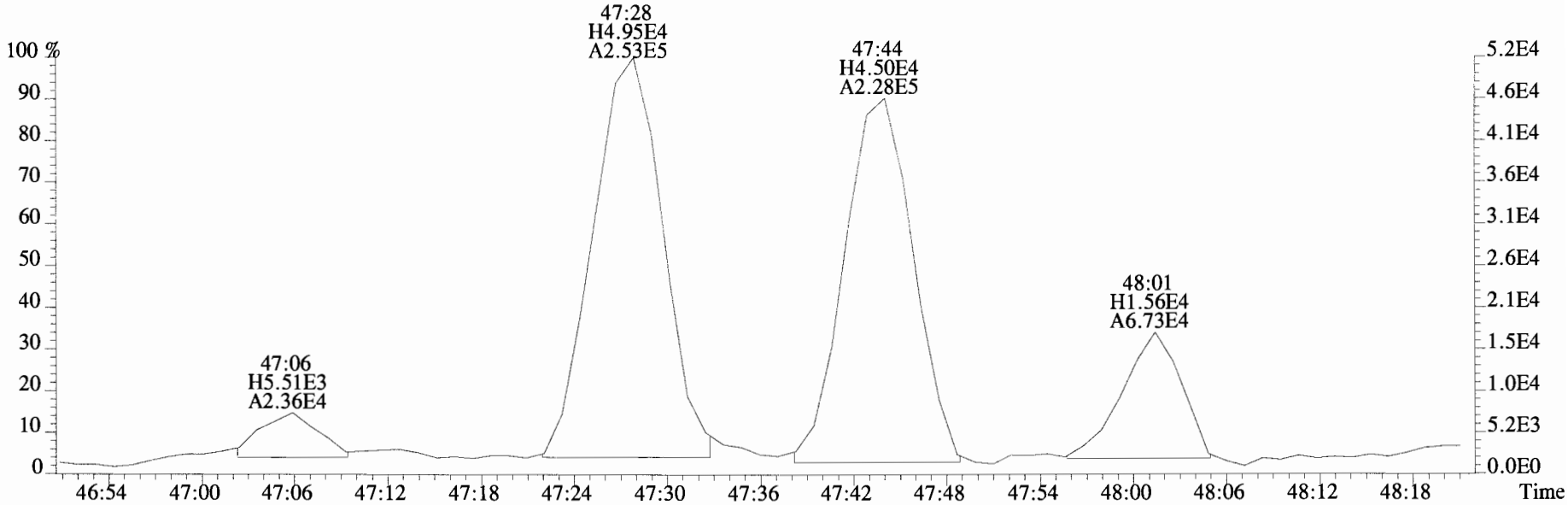
File:180303E1 #1-574 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
393.8025 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2572.0,0.00%,F,F)



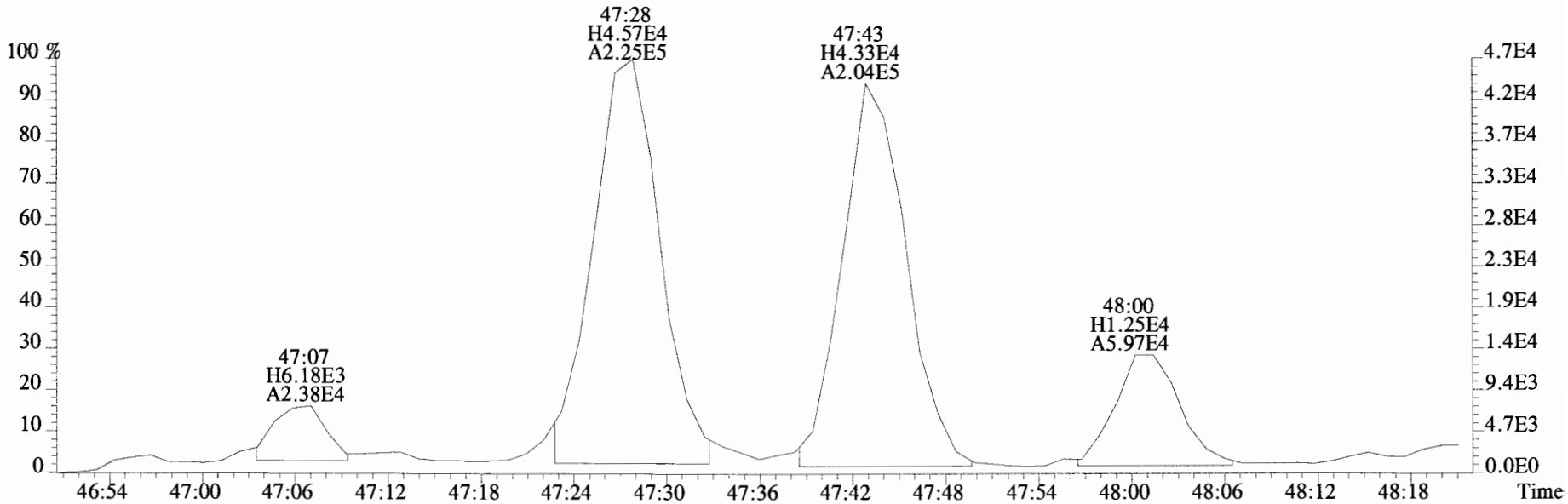
395.7995 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1516.0,0.00%,F,F)



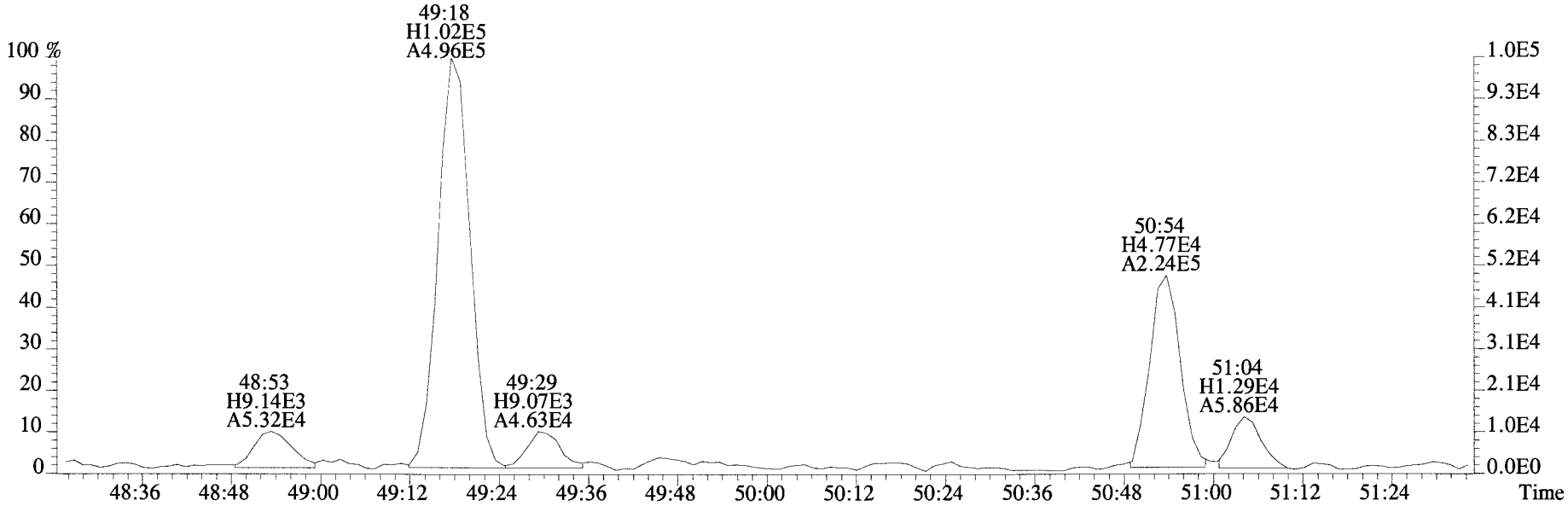
File:180303E1 #1-574 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
393.8025 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2572.0,0.00%,F,F)



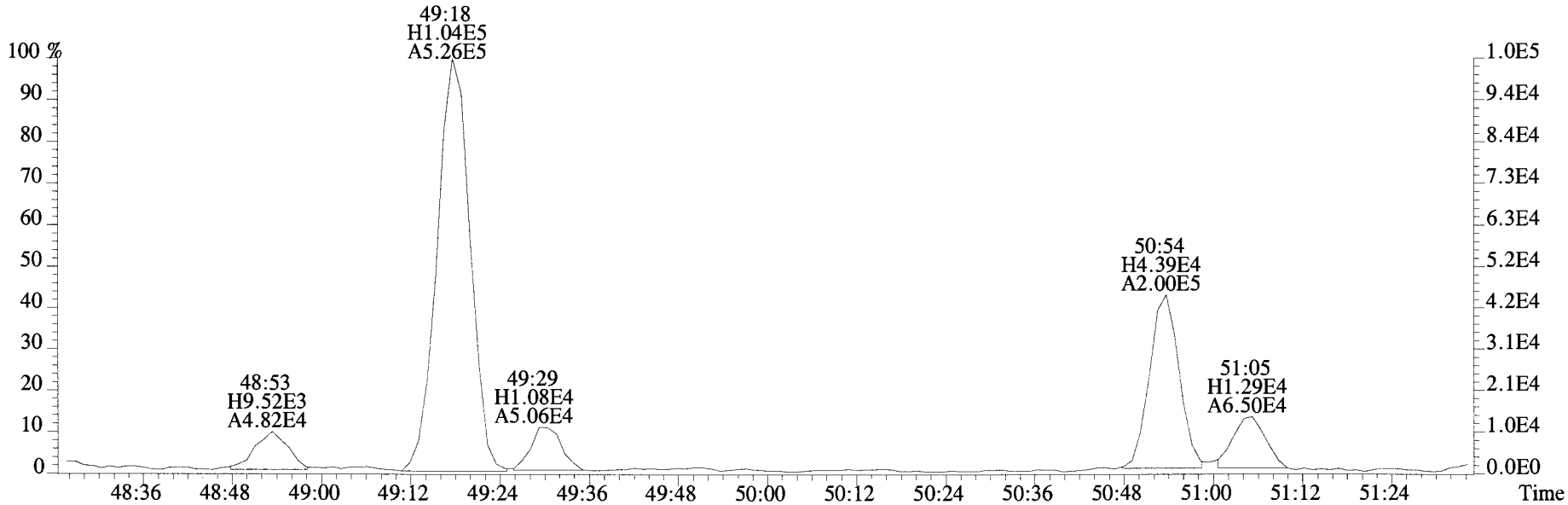
395.7995 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1516.0,0.00%,F,F)



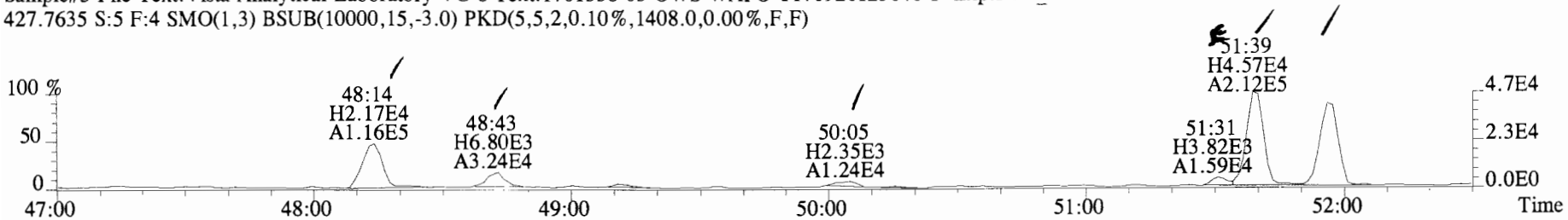
File:180303E1 #1-574 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
393.8025 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2572.0,0.00%,F,F)



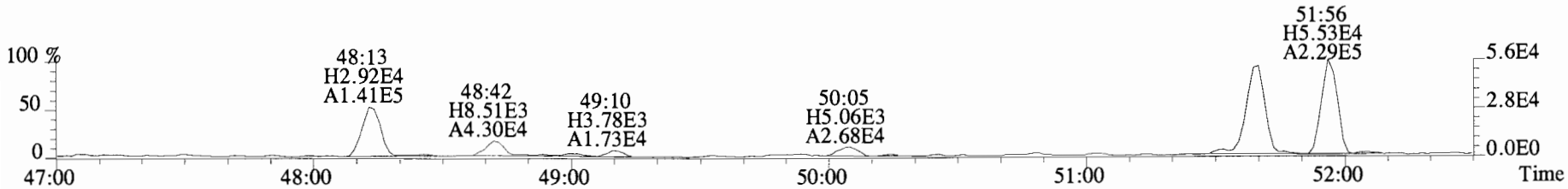
395.7995 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1516.0,0.00%,F,F)



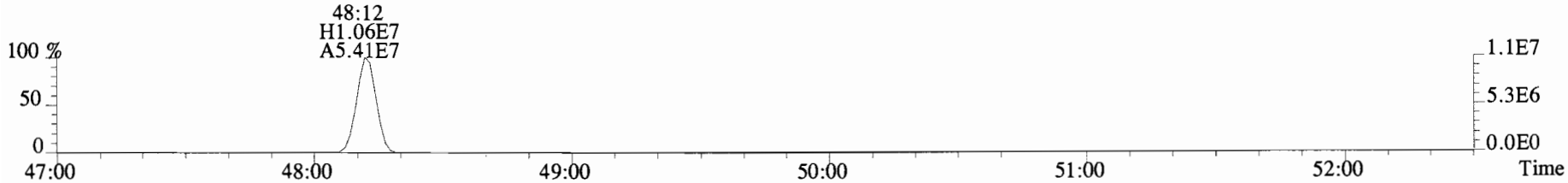
File:180303E1 #1-574 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
427.7635 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1408.0,0.00%,F,F)



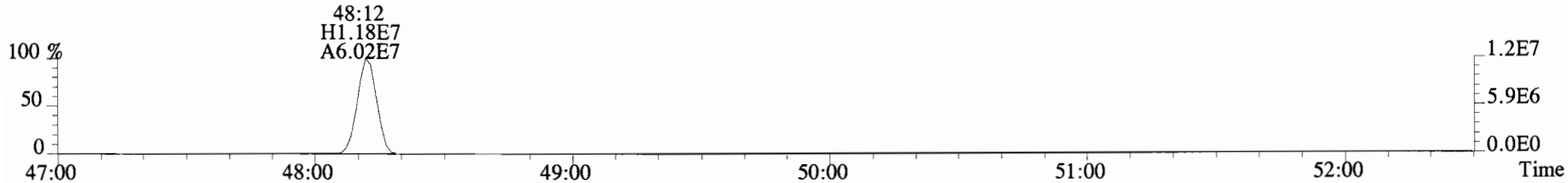
429.7606 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1692.0,0.00%,F,F)



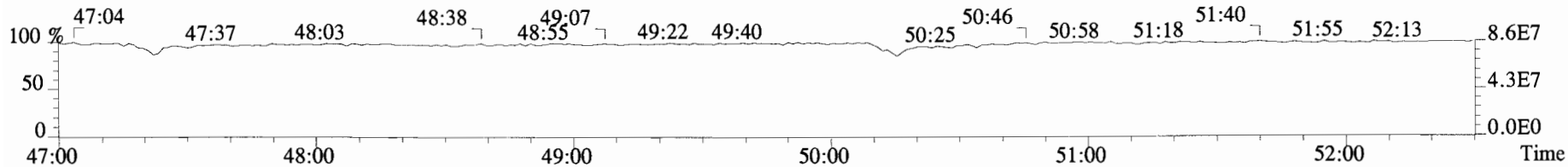
439.8038 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1640.0,0.00%,F,F)



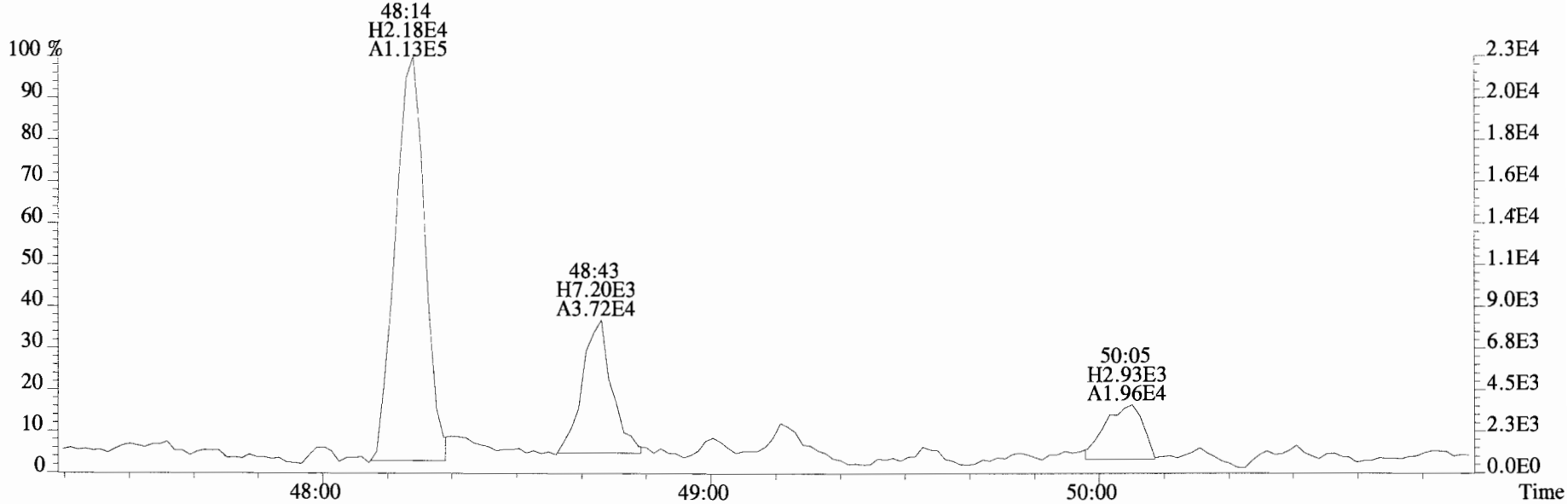
441.8008 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1588.0,0.00%,F,F)



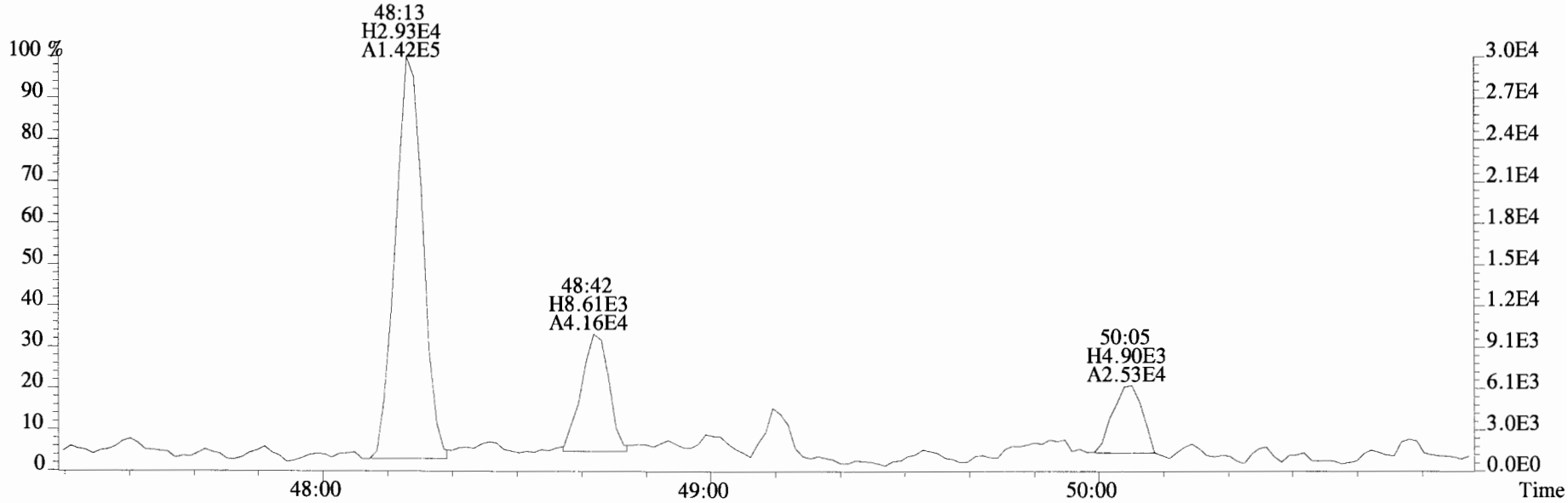
380.9760 S:5 F:4



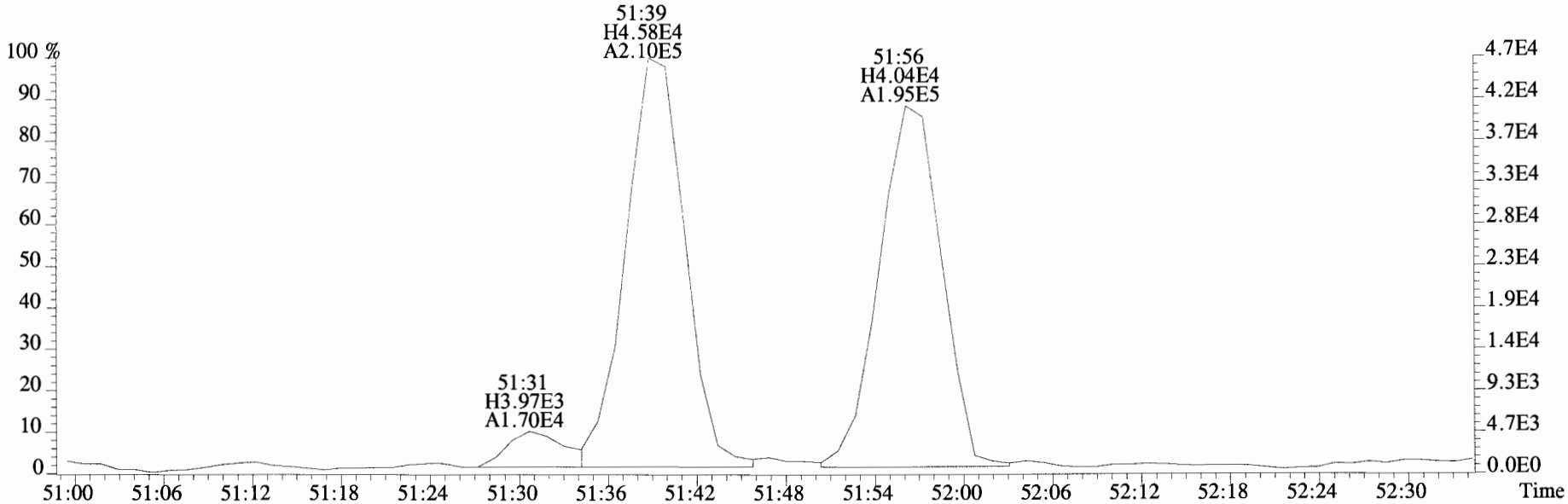
File:180303E1 #1-574 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
427.7635 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1408.0,0.00%,F,F)



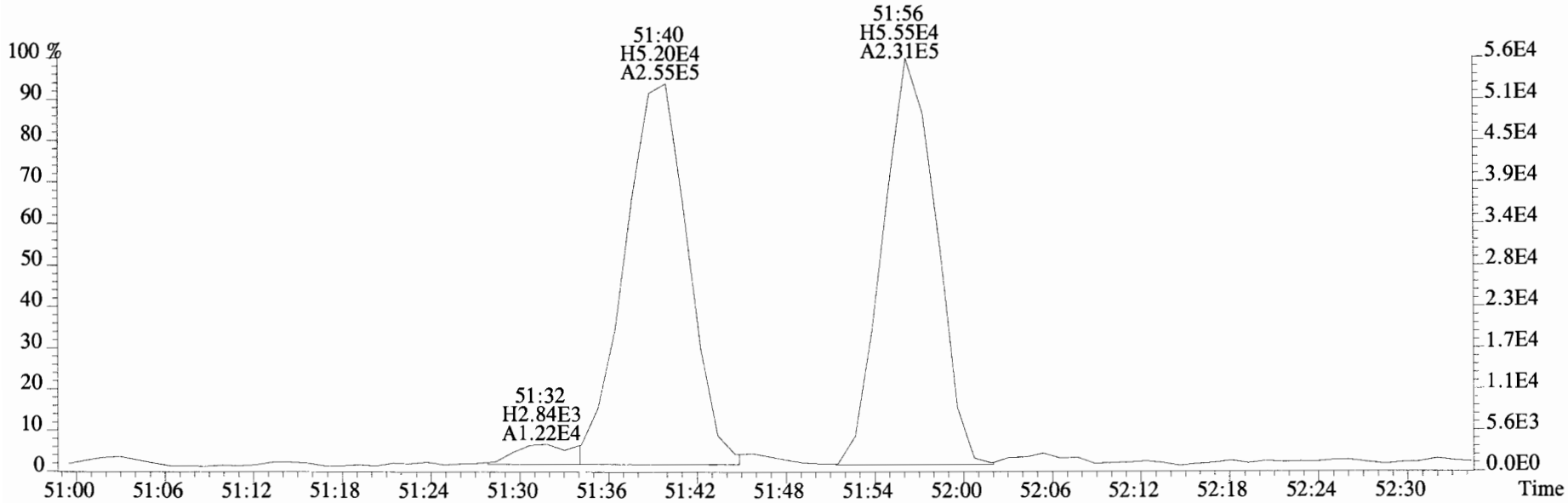
429.7606 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1692.0,0.00%,F,F)



File:180303E1 #1-574 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
427.7635 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1408.0,0.00%,F,F)

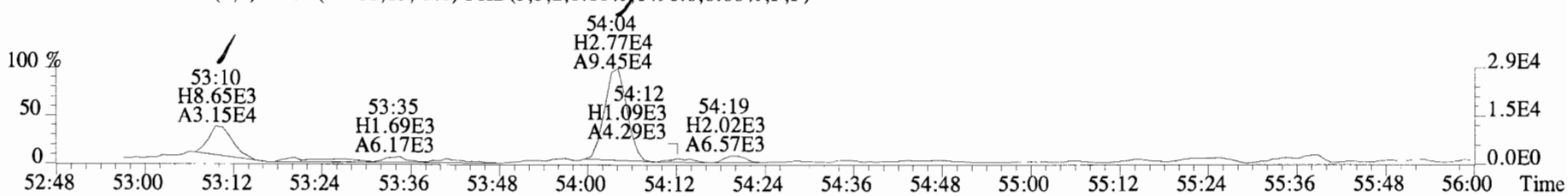


429.7606 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1692.0,0.00%,F,F)

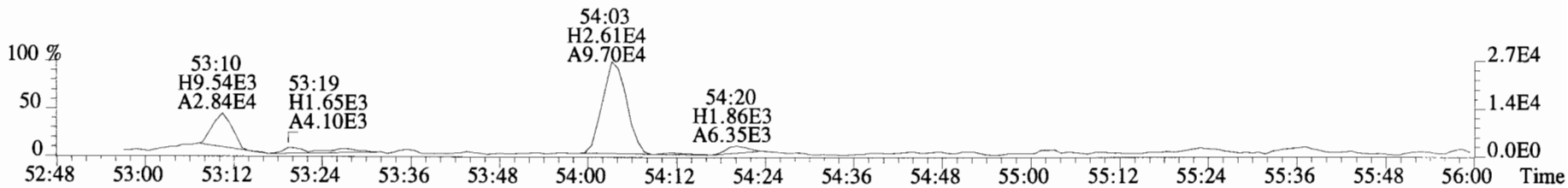


File:180303E1 #1-407 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1

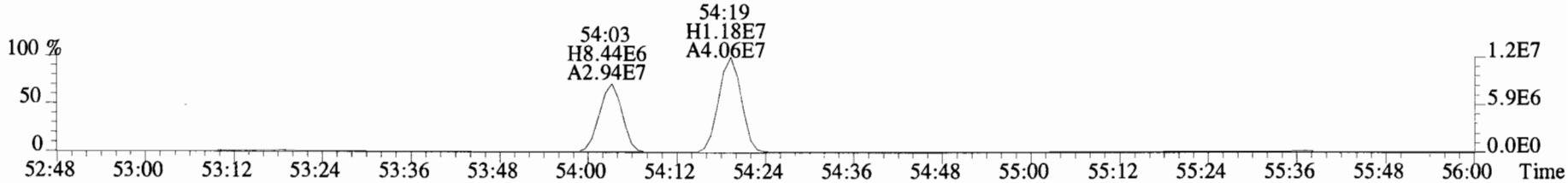
427.7635 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1496.0,0.00%,F,F)



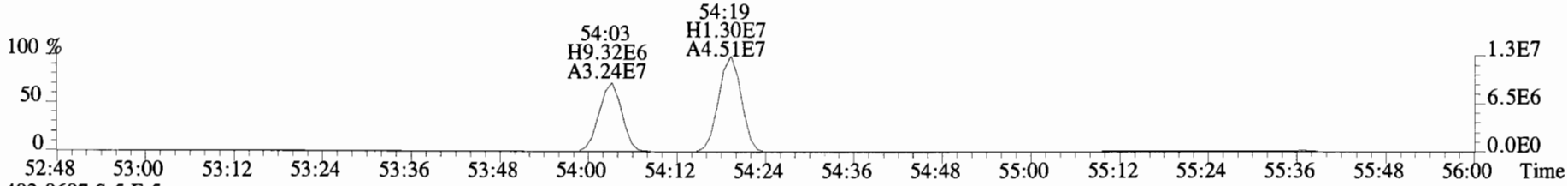
429.7606 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1612.0,0.00%,F,F)



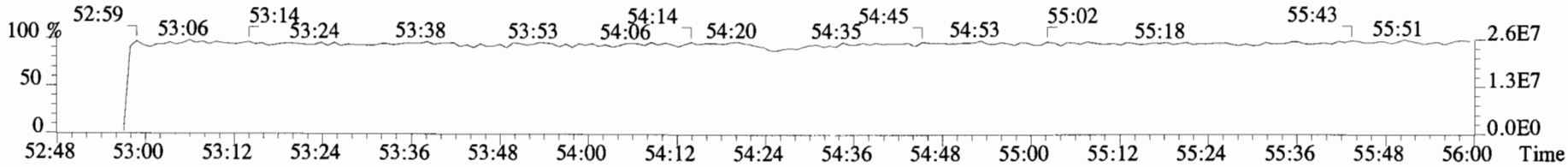
439.8038 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4740.0,0.00%,F,F)



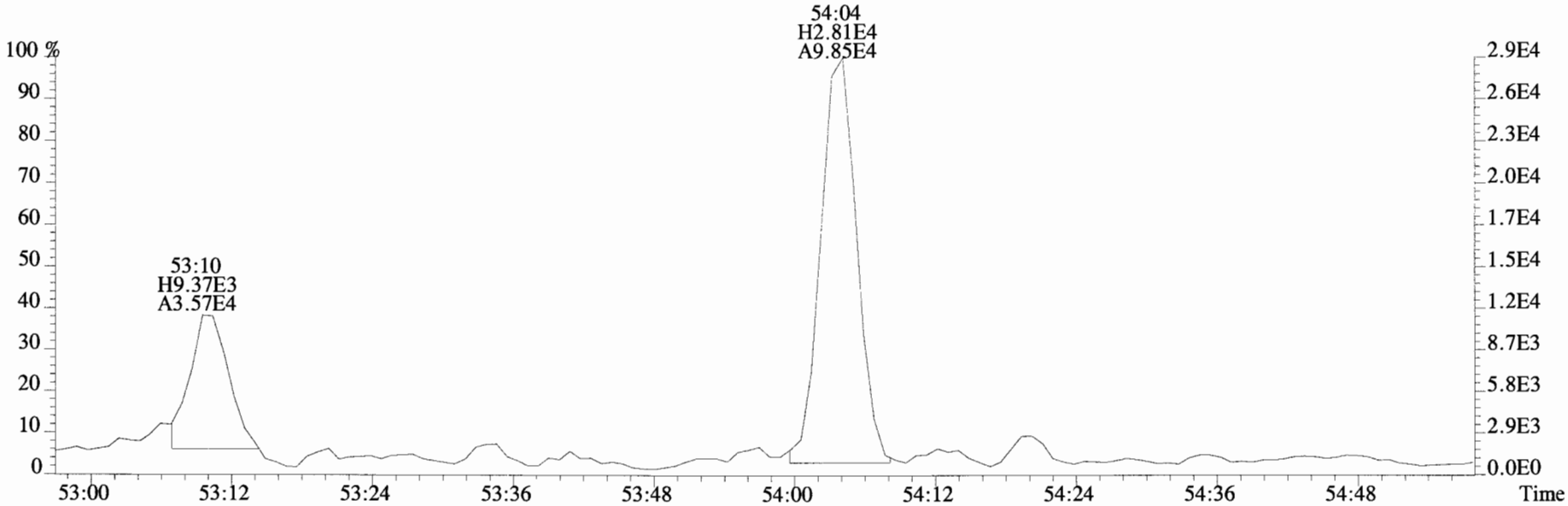
441.8008 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4328.0,0.00%,F,F)



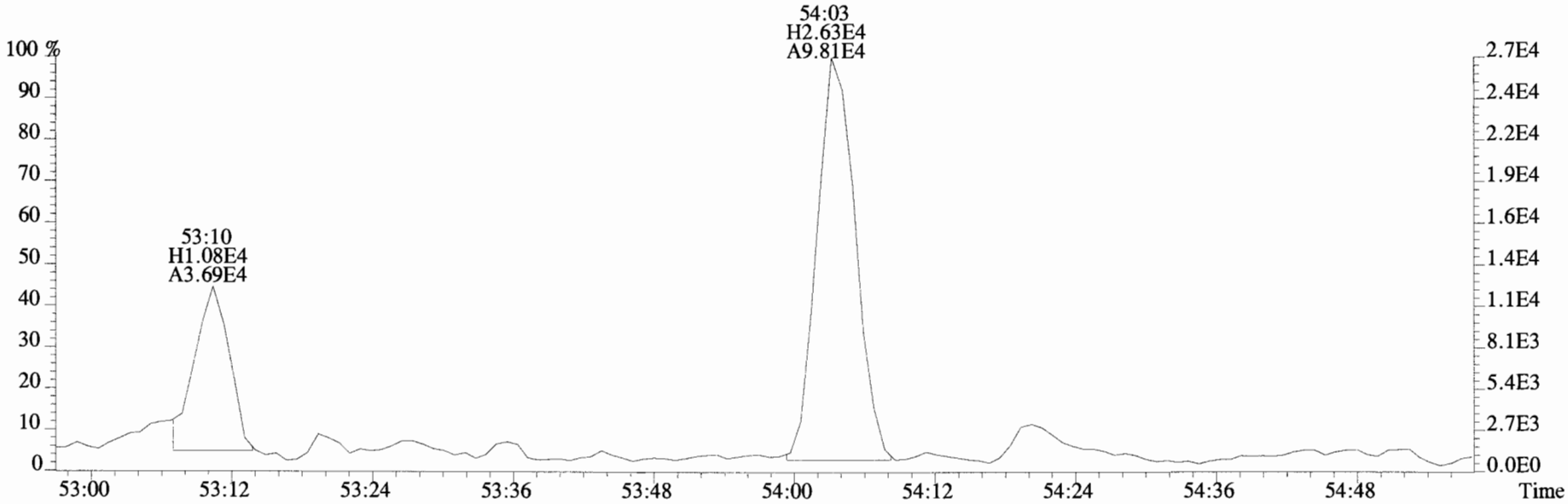
492.9697 S:5 F:5



File:180303E1 #1-407 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
427.7635 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1496.0,0.00%,F,F)

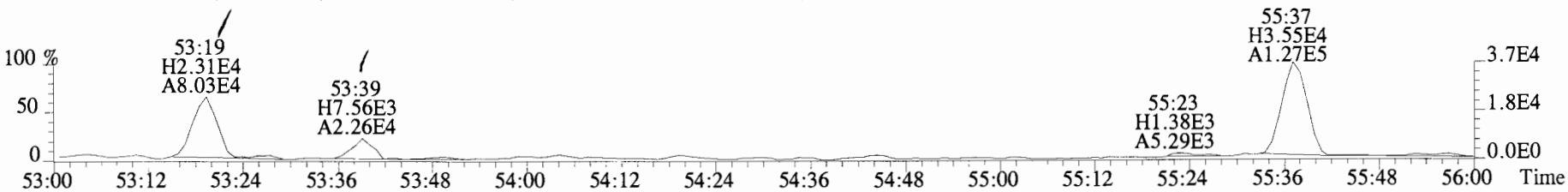


429.7606 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1612.0,0.00%,F,F)

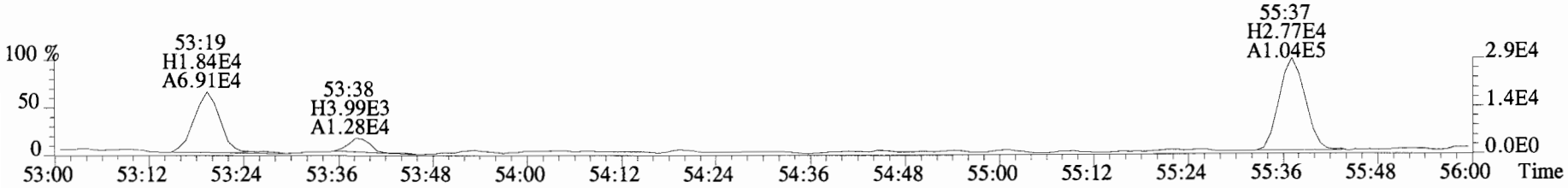


File:180303E1 #1-407 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1

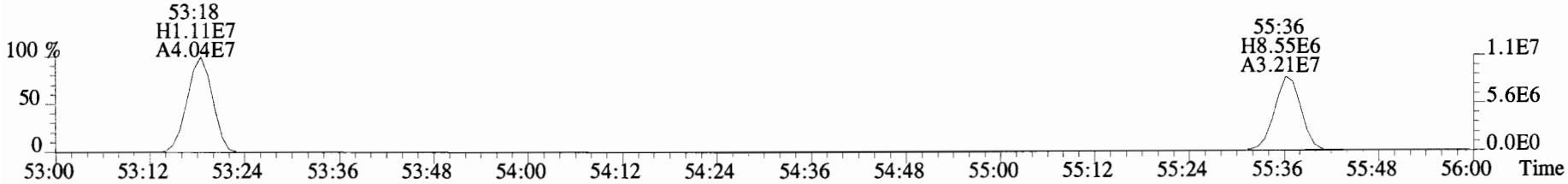
463.7216 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1532.0,0.00%,F,F)



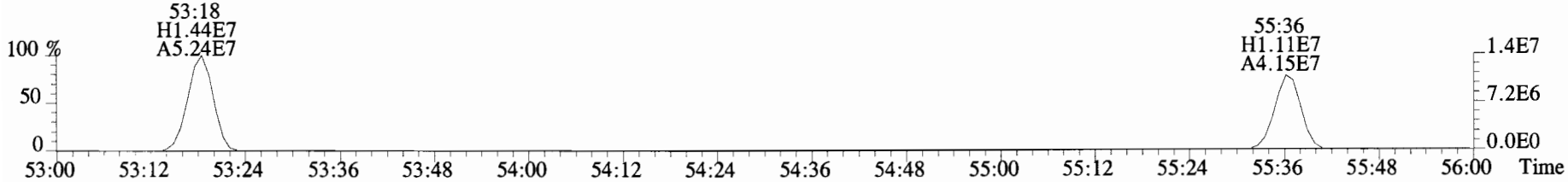
465.7186 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1412.0,0.00%,F,F)



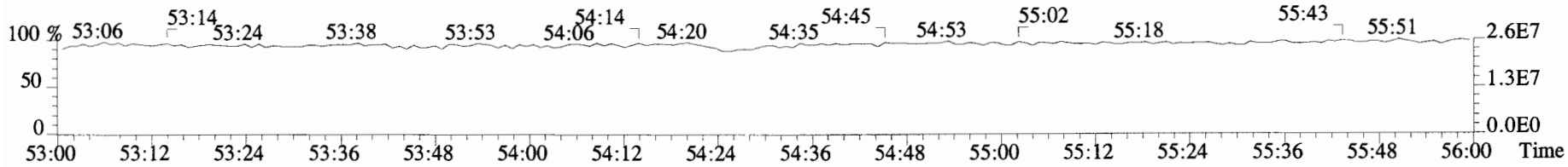
473.7648 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17416.0,0.00%,F,F)



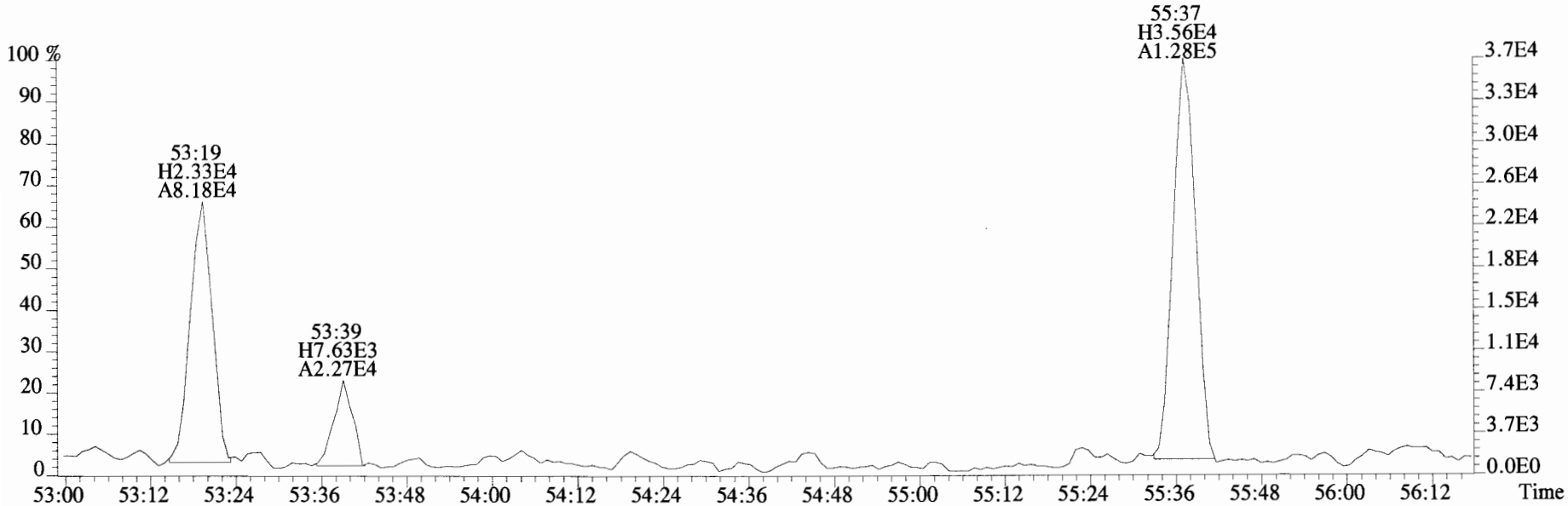
475.7619 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19956.0,0.00%,F,F)



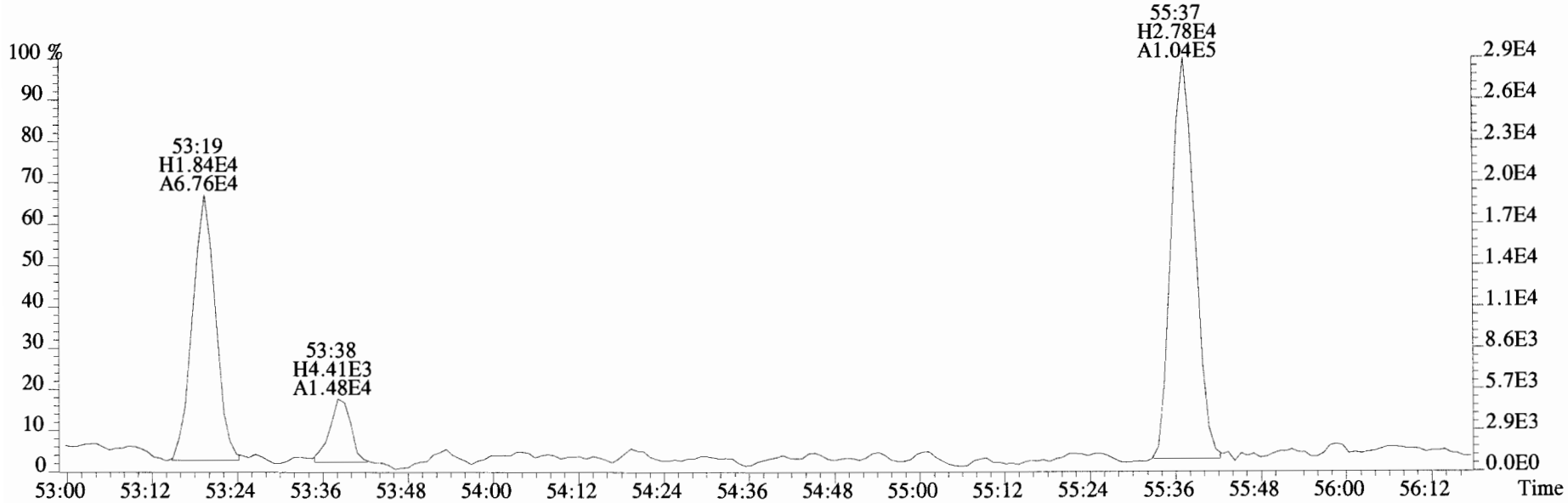
492.9697 S:5 F:5



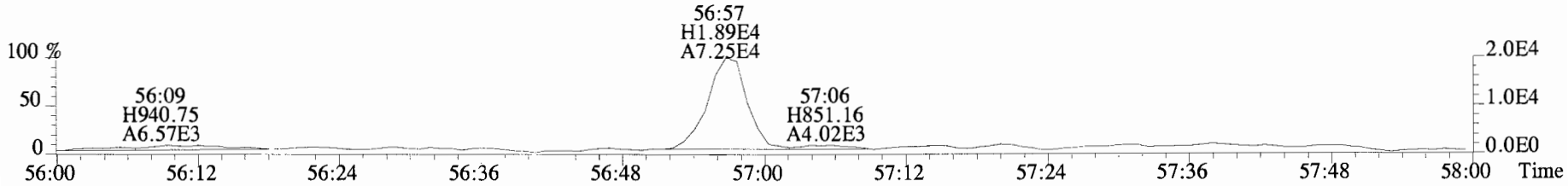
File:180303E1 #1-407 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
463.7216 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1532.0,0.00%,F,F)



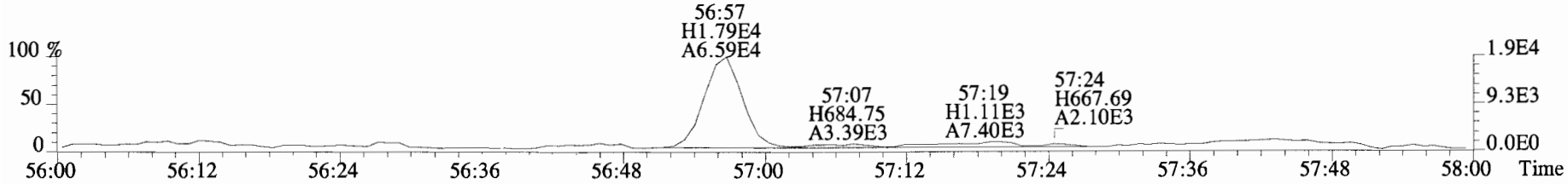
465.7186 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1412.0,0.00%,F,F)



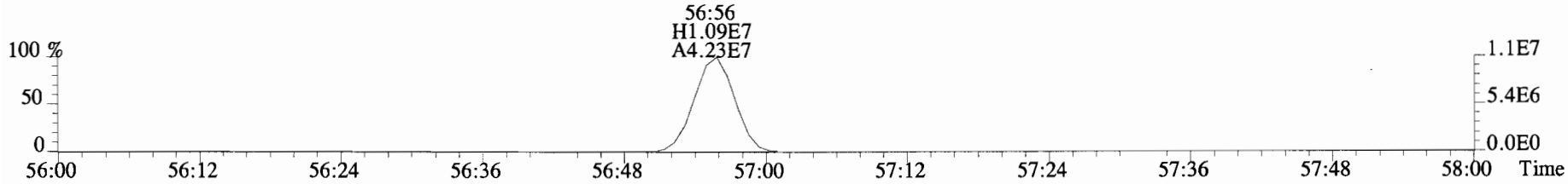
File:180303E1 #1-407 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
497.6826 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1416.0,0.00%,F,F)



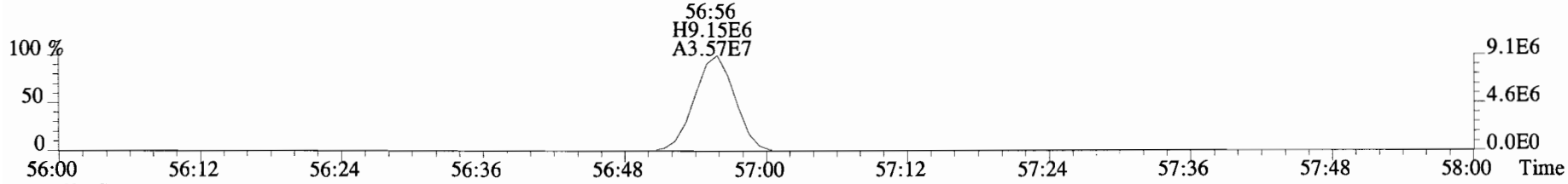
499.6797 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1336.0,0.00%,F,F)



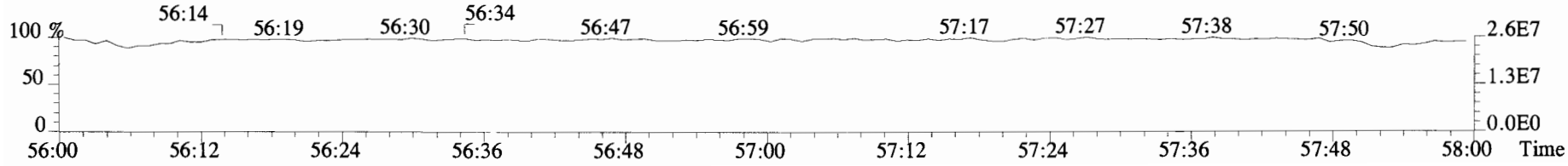
509.7229 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1448.0,0.00%,F,F)



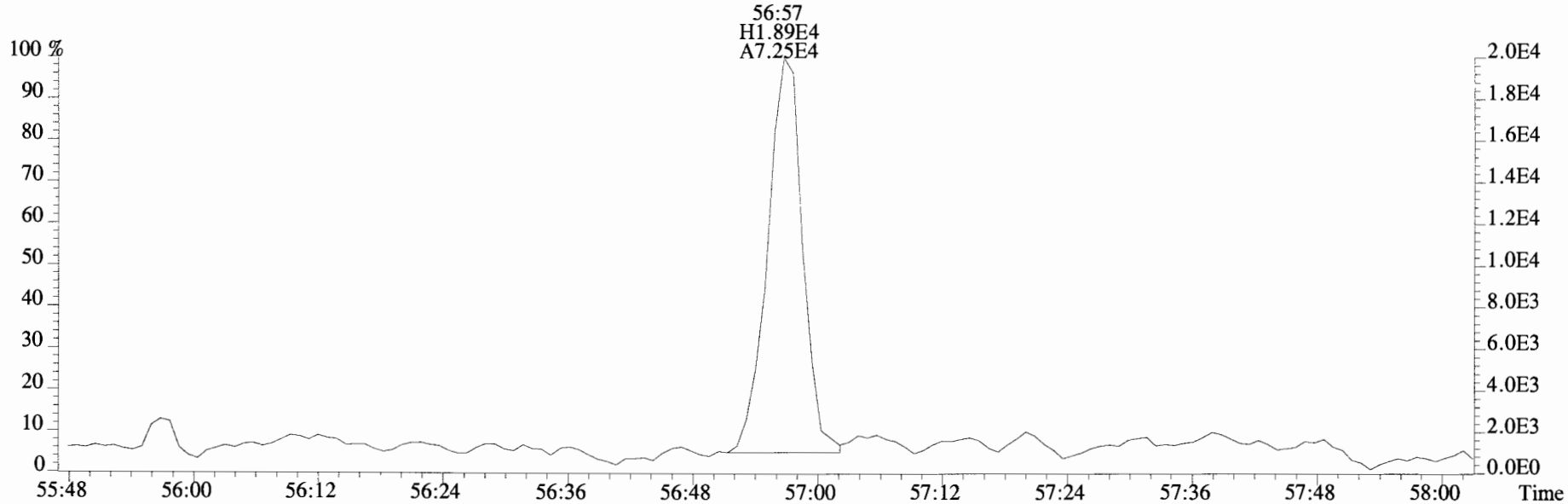
511.7199 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1520.0,0.00%,F,F)



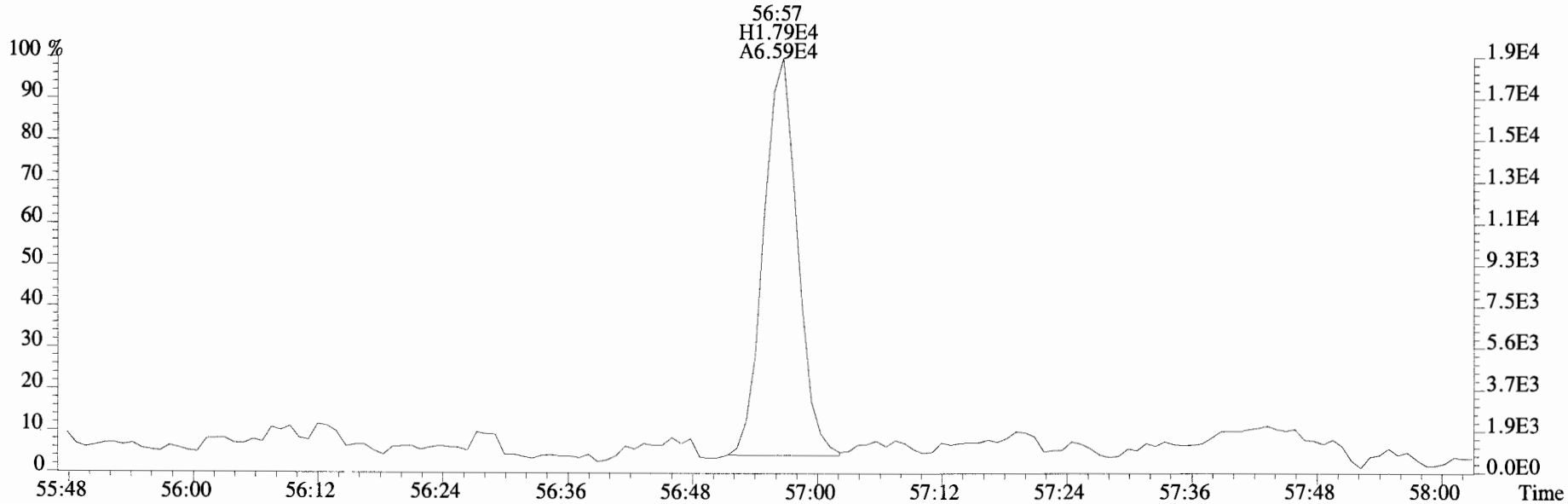
492.9697 S:5 F:5



File:180303E1 #1-407 Acq: 3-MAR-2018 17:27:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701338-03 OWS-WAFO-T170926125646 1 Exp:PCB_ZB1
497.6826 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1416.0,0.00%,F,F)



499.6797 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1336.0,0.00%,F,F)



CONTINUING CALIBRATION

HRMS CALIBRATION STANDARDS REVIEW CHECKLIST

Beg. Calibration ID: ST180302E1-1

Reviewed By: CT 3/8/18
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?	MS	

Run Log:

	Beg.	End
- Correct instrument listed?	✓	✓
- Samples within 12 hour clock?	Y	N
- Bottle position verfied?	MS	

	Beg.	End
Mass resolution ≥	✓	✓

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

	Beg.	End
Intergrated peaks display correctly?	✓	NA
GC Break <20%	NA	

8280 CS1 End Standard:

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

Comments:

NATIVE 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180302E1-1 Instrument ID: VG-8

Initial Calibration Date: 2-8-18 ICal ID: PCBVG8-2-8-18 GC Column ID: ZB-1

VER Data Filename: 180302E1 S#1 Analysis Date: 2-MAR-18 Time: 09:59:57

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-1	3.01	2.66-3.60	y	48.5	37.5-62.5
PCB-2	2.99	2.66-3.60	y	47.6	37.5-62.5
PCB-3	2.97	2.66-3.60	y	48.6	37.5-62.5
PCB-4/10	1.65	1.33-1.79	y	88.6	75-125
PCB-7/9	1.64	1.33-1.79	y	87.3	75-125
PCB-6	1.66	1.33-1.79	y	43.8	37.5-62.5
PCB-5/8	1.62	1.33-1.79	y	87.1	75-125
PCB-14	1.64	1.33-1.79	y	43.2	37.5-62.5
PCB-11	1.68	1.33-1.79	y	43.2	37.5-62.5
PCB-12/13	1.65	1.33-1.79	y	87.0	75-125
PCB-15	1.65	1.33-1.79	y	45.2	37.5-62.5
PCB-19	1.04	0.88-1.20	y	43.4	37.5-62.5
PCB-30	1.05	0.88-1.20	y	43.3	37.5-62.5
PCB-18	1.04	0.88-1.20	y	43.6	37.5-62.5
PCB-17	1.04	0.88-1.20	y	43.8	37.5-62.5
PCB-24/27	1.04	0.88-1.20	y	88.8	75.0-125
PCB-16/32	1.04	0.88-1.20	y	86.6	75.0-125
PCB-34	1.06	0.88-1.20	y	49.1	37.5-62.5
PCB-23	1.08	0.88-1.20	y	51.5	37.5-62.5
PCB-29	1.05	0.88-1.20	y	48.4	37.5-62.5
PCB-26	1.07	0.88-1.20	y	49.0	37.5-62.5
PCB-25	1.08	0.88-1.20	y	47.8	37.5-62.5
PCB-31	1.05	0.88-1.20	y	51.5	37.5-62.5
PCB-28	1.07	0.88-1.20	y	47.5	37.5-62.5
PCB-20/21/33	1.05	0.88-1.20	y	138.1	112.5-225
PCB-22	1.05	0.88-1.20	y	46.2	37.5-62.5
PCB-36	1.06	0.88-1.20	y	49.2	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	46.9	37.5-62.5
PCB-35	1.06	0.88-1.20	y	48.3	37.5-62.5
PCB-37	1.07	0.88-1.20	y	47.1	37.5-62.5
PCB-54	0.78	0.65-0.89	y	46.3	37.5-62.5
PCB-50	0.76	0.65-0.89	y	44.4	37.5-62.5
PCB-53	0.78	0.65-0.89	y	45.7	37.5-62.5
PCB-51	0.76	0.65-0.89	y	45.5	37.5-62.5
PCB-45	0.78	0.65-0.89	y	46.0	37.5-62.5
PCB-46	0.77	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	92.2	75.0-125
PCB-73	0.79	0.65-0.89	y	44.7	37.5-62.5
PCB-43/49	0.77	0.65-0.89	y	89.4	75.0-125
PCB-47	0.78	0.65-0.89	y	50.3	37.5-62.5
PCB-48/75	0.77	0.65-0.89	y	87.1	75.0-125
PCB-65	0.76	0.65-0.89	y	44.9	37.5-62.5
PCB-62	0.78	0.65-0.89	y	45.9	37.5-62.5
PCB-44	0.77	0.65-0.89	y	46.4	37.5-62.5
PCB-42/59	0.77	0.65-0.89	y	91.5	75.0-125
PCB-41/64/71/72	0.77	0.65-0.89	y	184.0	150-250
PCB-68	0.77	0.65-0.89	y	44.6	37.5-62.5
PCB-40	0.77	0.65-0.89	y	46.5	37.5-62.5
PCB-57	0.76	0.65-0.89	y	45.5	37.5-62.5
PCB-67	0.78	0.65-0.89	y	43.8	37.5-62.5
PCB-58	0.78	0.65-0.89	y	46.7	37.5-62.5
PCB-63	0.77	0.65-0.89	y	45.2	37.5-62.5
PCB-74	0.78	0.65-0.89	y	43.9	37.5-62.5
PCB-61/70	0.76	0.65-0.89	y	90.7	75.0-125
PCB-76/66	0.78	0.65-0.89	y	89.9	75.0-125
PCB-80	0.77	0.65-0.89	y	45.2	37.5-62.5
PCB-55	0.77	0.65-0.89	y	46.0	37.5-62.5
PCB-56/60	0.77	0.65-0.89	y	92.5	75.0-125
PCB-79	0.78	0.65-0.89	y	46.7	37.5-62.5
PCB-78	0.77	0.65-0.89	y	45.5	37.5-62.5
PCB-81	0.78	0.65-0.89	y	46.9	37.5-62.5
PCB-77	0.78	0.65-0.89	y	45.4	37.5-62.5
PCB-104	1.56	1.32-1.78	y	42.8	37.5-62.5
PCB-96	1.58	1.32-1.78	y	42.7	37.5-62.5
PCB-103	1.58	1.32-1.78	y	42.1	37.5-62.5
PCB-100	1.59	1.32-1.78	y	42.3	37.5-62.5
PCB-94	1.57	1.32-1.78	y	43.7	37.5-62.5
PCB-95/98/102	1.58	1.32-1.78	y	132.4	112.5-225
PCB-93	1.56	1.32-1.78	y	41.4	37.5-62.5
PCB-88/91	1.57	1.32-1.78	y	93.1	75.0-125
PCB-121	1.60	1.32-1.78	y	41.0	37.5-62.5

Analyst: MJ

Date: 3/6/18

NATIVE 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180302E1-1 Instrument ID: VG-8

Initial Calibration Date: 2-8-18 ICal ID: PCBVG8-2-8-18 GC Column ID: ZB-1

VER Data Filename: 180302E1 S#1 Analysis Date: 2-MAR-18 Time: 09:59:57

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	88.4	75.0-125	PCB-140	1.25	1.05-1.43	y	37.8	37.5-62.5
PCB-89	1.56	1.32-1.78	y	44.7	37.5-62.5	PCB-134/143	1.23	1.05-1.43	y	91.0	75.0-125
PCB-90/101	1.58	1.32-1.78	y	87.7	75.0-125	PCB-131/133	1.22	1.05-1.43	y	87.9	75.0-125
PCB-113	1.53	1.32-1.78	y	45.7	37.5-62.5	PCB-142	1.25	1.05-1.43	y	45.5	37.5-62.5
PCB-99	1.59	1.32-1.78	y	42.7	37.5-62.5	PCB-146/165	1.22	1.05-1.43	y	88.6	75.0-125
PCB-119	1.57	1.32-1.78	y	42.6	37.5-62.5	PCB-132/161	1.24	1.05-1.43	y	90.8	75.0-125
PCB-108/112	1.59	1.32-1.78	y	86.1	75.0-125	PCB-153	1.22	1.05-1.43	y	44.4	37.5-62.5
PCB-83	1.58	1.32-1.78	y	41.8	37.5-62.5	PCB-168	1.22	1.05-1.43	y	42.1	37.5-62.5
PCB-97	1.56	1.32-1.78	y	42.5	37.5-62.5	PCB-141	1.22	1.05-1.43	y	44.7	37.5-62.5
PCB-86	1.63	1.32-1.78	y	42.7	37.5-62.5	PCB-137	1.22	1.05-1.43	y	40.2	37.5-62.5
PCB-87/117/125	1.54	1.32-1.78	y	124.9	112.5-225	PCB-130	1.23	1.05-1.43	y	52.1	37.5-62.5
PCB-111/115	1.59	1.32-1.78	y	80.9	75.0-125	PCB-138/163/164	1.23	1.05-1.43	y	134.1	112.5-225
PCB-85/116	1.58	1.32-1.78	y	87.1	75.0-125	PCB-158/160	1.24	1.05-1.43	y	87.9	75.0-125
PCB-120	1.58	1.32-1.78	y	37.9	37.5-62.5	PCB-129	1.23	1.05-1.43	y	45.1	37.5-62.5
PCB-110	1.59	1.32-1.78	y	40.7	37.5-62.5	PCB-166	1.23	1.05-1.43	y	44.3	37.5-62.5
PCB-82	1.57	1.32-1.78	y	48.7	37.5-62.5	PCB-159	1.25	1.05-1.43	y	46.1	37.5-62.5
PCB-124	1.56	1.32-1.78	y	45.2	37.5-62.5	PCB-128/162	1.22	1.05-1.43	y	91.1	75.0-125
PCB-107/109	1.58	1.32-1.78	y	86.9	75.0-125	PCB-167	1.23	1.05-1.43	y	45.4	37.5-62.5
PCB-123	1.59	1.32-1.78	y	43.9	37.5-62.5	PCB-156	1.24	1.05-1.43	y	43.7	37.5-62.5
PCB-106/118	1.58	1.32-1.78	y	90.2	75.0-125	PCB-157	1.23	1.05-1.43	y	44.8	37.5-62.5
PCB-114	1.65	1.32-1.78	y	45.5	37.5-62.5	PCB-169	1.24	1.05-1.43	y	45.0	37.5-62.5
PCB-122	1.62	1.32-1.78	y	44.9	37.5-62.5	PCB-188	1.04	0.89-1.21	y	44.7	37.5-62.5
PCB-105	1.64	1.32-1.78	y	43.7	37.5-62.5	PCB-184	1.05	0.89-1.21	y	45.3	37.5-62.5
PCB-127	1.69	1.32-1.78	y	42.9	37.5-62.5	PCB-179	1.05	0.89-1.21	y	44.8	37.5-62.5
PCB-126	1.61	1.32-1.78	y	43.7	37.5-62.5	PCB-176	1.06	0.89-1.21	y	45.5	37.5-62.5
PCB-155	1.25	1.05-1.43	y	44.9	37.5-62.5	PCB-186	1.05	0.89-1.21	y	46.0	37.5-62.5
PCB-150	1.27	1.05-1.43	y	46.5	37.5-62.5	PCB-178	1.05	0.89-1.21	y	47.4	37.5-62.5
PCB-152	1.25	1.05-1.43	y	46.6	37.5-62.5	PCB-175	1.04	0.89-1.21	y	46.8	37.5-62.5
PCB-145	1.28	1.05-1.43	y	44.8	37.5-62.5	PCB-182/187	1.05	0.89-1.21	y	93.4	75.0-125
PCB-136	1.38	1.05-1.43	y	41.9	37.5-62.5	PCB-183	1.05	0.89-1.21	y	48.3	37.5-62.5
PCB-148	1.13	1.05-1.43	y	43.1	37.5-62.5	PCB-185	1.05	0.89-1.21	y	45.2	37.5-62.5
PCB-154	1.26	1.05-1.43	y	39.6	37.5-62.5	PCB-174	1.03	0.89-1.21	y	46.5	37.5-62.5
PCB-151	1.25	1.05-1.43	y	38.1	37.5-62.5	PCB-181	1.06	0.89-1.21	y	45.2	37.5-62.5
PCB-135	1.24	1.05-1.43	y	37.5	37.5-62.5	PCB-177	1.04	0.89-1.21	y	45.3	37.5-62.5
PCB-144	1.27	1.05-1.43	y	38.9	37.5-62.5	PCB-171	1.05	0.89-1.21	y	44.3	37.5-62.5
PCB-147	1.24	1.05-1.43	y	39.3	37.5-62.5	PCB-173	1.03	0.89-1.21	y	44.6	37.5-62.5
PCB-139/149	1.26	1.05-1.43	y	75.4	75.0-125	PCB-172	1.05	0.89-1.21	y	45.5	37.5-62.5

Analyst: MJ

Date: 3/6/18

NATIVE 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180302E1-1 Instrument ID: VG-8

Initial Calibration Date: 2-8-18 ICal ID: PCBVG8-2-8-18 GC Column ID: ZB-1

VER Data Filename: 180302E1 S#1 Analysis Date: 2-MAR-18 Time: 09:59:57

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-192	1.04	0.89-1.21	y	45.1	37.5-62.5
PCB-180	1.05	0.89-1.21	y	44.4	37.5-62.5
PCB-193	1.05	0.89-1.21	y	43.7	37.5-62.5
PCB-191	1.04	0.89-1.21	y	44.7	37.5-62.5
PCB-170	1.03	0.89-1.21	y	45.0	37.5-62.5
PCB-190	1.05	0.89-1.21	y	43.8	37.5-62.5
PCB-189	1.04	0.89-1.21	y	43.3	37.5-62.5
PCB-202	0.88	0.76-1.02	y	47.5	37.5-62.5
PCB-201	0.88	0.76-1.02	y	47.0	37.5-62.5
PCB-204	0.88	0.76-1.02	y	46.1	37.5-62.5
PCB-197	0.88	0.76-1.02	y	44.5	37.5-62.5
PCB-200	0.90	0.76-1.02	y	45.4	37.5-62.5
PCB-198	0.88	0.76-1.02	y	45.3	37.5-62.5
PCB-199	0.88	0.76-1.02	y	46.4	37.5-62.5
PCB-196/203	0.89	0.76-1.02	y	93.5	75.0-125
PCB-195	0.91	0.76-1.02	y	48.3	37.5-62.5
PCB-194	0.90	0.76-1.02	y	46.9	37.5-62.5
PCB-205	0.91	0.76-1.02	y	48.4	37.5-62.5
PCB-208	1.30	1.14-1.54	y	46.0	37.5-62.5
PCB-207	1.31	1.14-1.54	y	46.2	37.5-62.5
PCB-206	1.30	1.14-1.54	y	46.7	37.5-62.5
PCB-209	1.18	0.99-1.33	y	45.5	37.5-62.5

Analyst: MJ

Date: 3/6/18

LABELED 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180302E1-1 Instrument ID: VG-8

Initial Calibration Date: 2-8-18 ICal ID: PCBVG8-2-8-18 GC Column ID: ZB-1

VER Data Filename: 180302E1 S#1 Analysis Date: 2-MAR-18 Time: 09:59:57

LABELED IS	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
13C-PCB-1	3.06	2.66-3.60	y	82.1	50.0-145
13C-PCB-3	3.09	2.66-3.60	y	81.8	50.0-145
13C-PCB-4	1.55	1.33-1.79	y	94.3	50.0-145
13C-PCB-9	1.53	1.33-1.79	y	94.9	50.0-145
13C-PCB-11	1.52	1.33-1.79	y	98.7	50.0-145
13C-PCB-19	1.05	0.88-1.20	y	112.1	50.0-145
13C-PCB-32	1.05	0.88-1.20	y	115.6	50.0-145
13C-PCB-28	1.01	0.88-1.20	y	94.3	50.0-145
13C-PCB-37	1.03	0.88-1.20	y	88.5	50.0-145
13C-PCB-54	0.80	0.65-0.89	y	106.6	50.0-145
13C-PCB-52	0.79	0.65-0.89	y	102.0	50.0-145
13C-PCB-47	0.78	0.65-0.89	y	100.0	50.0-145
13C-PCB-70	0.81	0.65-0.89	y	97.9	50.0-145
13C-PCB-80	0.78	0.65-0.89	y	97.8	50.0-145
13C-PCB-81	0.79	0.65-0.89	y	96.6	50.0-145
13C-PCB-77	0.80	0.65-0.89	y	93.0	50.0-145
13C-PCB-104	1.56	1.32-1.78	y	106.0	50.0-145
13C-PCB-95	1.56	1.32-1.78	y	102.0	50.0-145
13C-PCB-101	1.54	1.32-1.78	y	105.1	50.0-145
13C-PCB-97	1.56	1.32-1.78	y	106.6	50.0-145
13C-PCB-123	1.55	1.32-1.78	y	86.5	50.0-145
13C-PCB-118	1.60	1.32-1.78	y	84.8	50.0-145
13C-PCB-114	1.54	1.32-1.78	y	75.7	50.0-145
13C-PCB-105	1.55	1.32-1.78	y	81.1	50.0-145
13C-PCB-127	1.53	1.32-1.78	y	76.4	50.0-145
13C-PCB-126	1.55	1.32-1.78	y	78.0	50.0-145
13C-PCB-155	1.28	1.05-1.43	y	119.0	50.0-145
13C-PCB-153	1.25	1.05-1.43	y	95.9	50.0-145
13C-PCB-141	1.28	1.05-1.43	y	96.7	50.0-145
13C-PCB-138	1.26	1.05-1.43	y	96.9	50.0-145
13C-PCB-159	1.28	1.05-1.43	y	96.5	50.0-145
13C-PCB-167	1.27	1.05-1.43	y	99.3	50.0-145
13C-PCB-156	1.26	1.05-1.43	y	97.8	50.0-145
13C-PCB-157	1.26	1.05-1.43	y	98.9	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	98.4	50 - 145
13C-PCB-188	0.47	0.38-0.52	y	94.6	50 - 145
13C-PCB-180	0.45	0.38-0.52	y	101.0	50 - 145
13C-PCB-170	0.46	0.38-0.52	y	101.6	50 - 145
13C-PCB-189	0.46	0.38-0.52	y	102.2	50 - 145
13C-PCB-202	0.91	0.76-1.02	y	113.8	50 - 145
13C-PCB-194	0.91	0.76-1.02	y	99.6	50 - 145
13C-PCB-208	0.78	0.65-0.89	y	119.1	50 - 145
13C-PCB-206	0.79	0.65-0.89	y	122.7	50 - 145
13C-PCB-209	1.21	0.99-1.33	y	138.2	50 - 145
CRS vs. RS					
13C-PCB-79	0.80	0.65-0.89	y	101.0	75 - 125
13C-PCB-178	0.45	0.38-0.52	y	99.6	75 - 125

Analyst: MI

Date: 3/6/18

Client ID: PCB CS3 17L3006 Filename: 180302E1 S:1 Acq: 2-MAR-18 09:59:57 ConCal: ST180302E1-1

Lab ID: ST180302E1-1 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	8.72e+07	3.01 y	1.07	15:59	1.001	0.996-1.006	48.5475
	PCB-2	9.00e+07	2.99 y	1.06	18:23	0.988	0.983-0.993	47.5584
	PCB-3	9.21e+07	2.97 y	1.06	18:37	1.001	0.996-1.006	48.5912
	PCB-4/10	1.11e+08	1.65 y	1.24	20:00	1.003	0.998-1.008	88.6410
	PCB-7/9	1.40e+08	1.64 y	0.99	21:47	0.867	0.863-0.871	87.2565
	PCB-6	7.47e+07	1.66 y	1.06	22:26	0.892	0.888-0.897	43.8044
	PCB-5/8	1.44e+08	1.62 y	1.03	22:51	0.909	0.904-0.913	87.0743
	PCB-14	7.52e+07	1.64 y	1.03	23:57	0.953	0.948-0.958	43.1553
	PCB-11	8.11e+07	1.68 y	1.11	25:09	1.000	0.996-1.006	43.2323
	PCB-12/13	1.49e+08	1.65 y	1.02	25:32	1.016	1.011-1.021	86.9756
	PCB-15	8.05e+07	1.65 y	1.05	25:51	1.028	1.023-1.033	45.2341
	PCB-19	6.55e+07	1.04 y	1.20	24:08	1.001	0.996-1.006	43.3879
	PCB-30	1.05e+08	1.05 y	1.93	25:02	1.038	1.034-1.044	43.2752
	PCB-18	7.56e+07	1.04 y	0.91	25:47	0.953	0.948-0.958	43.6490
	PCB-17	7.00e+07	1.04 y	0.84	25:58	0.960	0.955-0.965	43.8485
	PCB-24/27	1.94e+08	1.04 y	1.15	26:32	0.981	0.977-0.986	88.7634
-	PCB-16/32	1.68e+08	1.04 y	1.02	27:03	1.000	0.995-1.005	86.6461
-	PCB-34	6.97e+07	1.06 y	0.96	27:50	0.960	0.955-0.965	49.0968
	PCB-23	7.24e+07	1.08 y	0.95	27:56	0.963	0.958-0.968	51.5404
	PCB-29	6.89e+07	1.05 y	0.96	28:11	0.972	0.966-0.976	48.3620
	PCB-26	7.28e+07	1.07 y	1.00	28:24	0.979	0.974-0.984	49.0461
	PCB-25	7.48e+07	1.08 y	1.06	28:34	0.985	0.980-0.990	47.8348
	PCB-31	8.36e+07	1.05 y	1.10	28:55	0.997	0.992-1.002	51.4565
	PCB-28	8.00e+07	1.07 y	1.14	29:01	1.000	0.995-1.005	47.5258
	PCB-20/21/33	2.03e+08	1.05 y	1.00	29:38	1.022	1.017-1.027	138.116
	PCB-22	7.43e+07	1.05 y	1.09	30:04	1.036	1.032-1.042	46.2058
	PCB-36	7.65e+07	1.06 y	1.15	30:42	0.934	0.929-0.939	49.2415
	PCB-39	7.04e+07	1.05 y	1.07	31:10	0.948	0.943-0.953	48.7770
	PCB-38	6.97e+07	1.06 y	1.10	31:56	0.971	0.966-0.976	46.8682
	PCB-35	7.33e+07	1.06 y	1.12	32:28	0.987	0.982-0.992	48.3160
	PCB-37	7.08e+07	1.07 y	1.11	32:54	1.001	0.996-1.006	47.0831
	PCB-54	8.90e+07	0.78 y	1.07	27:54	1.001	0.996-1.006	46.2580
	PCB-50	6.96e+07	0.76 y	0.87	29:04	1.043	1.038-1.048	44.4293
	PCB-53	6.51e+07	0.78 y	1.01	29:43	0.946	0.940-0.950	45.6735
	PCB-51	7.05e+07	0.76 y	1.10	30:03	0.956	0.952-0.962	45.4656
	PCB-45	5.66e+07	0.78 y	0.87	30:29	0.970	0.965-0.975	46.0190
	PCB-46	5.40e+07	0.77 y	0.84	30:58	0.985	0.980-0.990	45.7122

Name	Resp	RA	RRF	RT	RRT	LCL UCL	Conc
PCB-52/69	1.58e+08	0.77 y	1.212	31:27	1.001	0.996-1.006	92.2150
PCB-73	9.15e+07	0.79 y	1.453	31:34	1.004	1.000-1.010	44.6533
PCB-43/49	1.27e+08	0.77 y	1.011	31:44	1.010	1.005-1.015	89.3521
PCB-47	6.87e+07	0.78 y	0.906	31:57	1.001	0.995-1.005	50.2598
PCB-48/75	1.49e+08	0.77 y	1.134	32:04	1.004	0.999-1.009	87.0680
PCB-65	8.61e+07	0.76 y	1.271	32:20	1.013	1.007-1.017	44.8868
PCB-62	7.59e+07	0.78 y	1.096	32:25	1.015	1.011-1.021	45.9033
PCB-44	5.99e+07	0.77 y	0.855	32:44	1.025	1.020-1.030	46.4337
PCB-42/59	1.41e+08	0.77 y	1.021	32:57	1.032	1.027-1.037	91.4636
PCB-41/64/71/72	3.24e+08	0.77 y	1.166	33:34	1.051	1.046-1.056	183.990
PCB-68	8.61e+07	0.77 y	1.278	33:48	1.059	1.054-1.064	44.6494
PCB-40	4.37e+07	0.77 y	0.624	34:01	1.065	1.060-1.070	46.4522
PCB-57	9.08e+07	0.76 y	1.129	34:24	0.970	0.965-0.975	45.4691
PCB-67	8.55e+07	0.78 y	1.103	34:42	0.979	0.973-0.983	43.8396
PCB-58	9.28e+07	0.78 y	1.123	34:49	0.982	0.977-0.987	46.6900
PCB-63	7.99e+07	0.77 y	1.001	34:58	0.986	0.981-0.991	45.1672
PCB-74	9.19e+07	0.78 y	1.184	35:15	0.994	0.989-0.999	43.8845
PCB-61/70	1.65e+08	0.76 y	1.028	35:25	0.999	0.994-1.004	90.7079
PCB-76/66	1.80e+08	0.78 y	1.134	35:39	1.006	1.000-1.010	89.9342
PCB-80	9.51e+07	0.77 y	1.193	35:53	1.000	0.995-1.005	45.1531
PCB-55	9.41e+07	0.77 y	1.159	36:12	1.009	1.004-1.014	46.0478
PCB-56/60	1.70e+08	0.77 y	1.043	36:41	1.023	1.018-1.028	92.5444
PCB-79	9.63e+07	0.78 y	1.169	37:46	1.053	1.047-1.057	46.7119
PCB-78	8.84e+07	0.77 y	1.105	38:27	0.987	0.982-0.992	45.4636
PCB-81	8.00e+07	0.78 y	0.969	38:59	1.001	0.995-1.005	46.8832
PCB-77	7.94e+07	0.78 y	1.082	39:34	1.000	0.995-1.005	45.3920
PCB-104	6.74e+07	1.56 y	1.078	32:36	1.001	0.996-1.006	42.8056
PCB-96	7.06e+07	1.58 y	1.131	33:52	1.040	1.034-1.044	42.7473
PCB-103	5.58e+07	1.58 y	0.908	34:24	1.056	1.051-1.061	42.0988
PCB-100	5.72e+07	1.59 y	0.925	34:45	1.067	1.062-1.072	42.3415
PCB-94	4.47e+07	1.57 y	0.914	35:14	0.986	0.981-0.991	43.7302
PCB-95/98/102	1.74e+08	1.58 y	1.172	35:43	0.999	0.994-1.004	132.439
PCB-93	4.28e+07	1.56 y	0.926	35:51	1.003	0.997-1.007	41.3837
PCB-88/91	1.01e+08	1.57 y	0.974	36:08	1.011	1.005-1.015	93.1165
PCB-121	7.70e+07	1.60 y	1.681	36:15	1.014	1.009-1.019	40.9714
PCB-84/92	9.91e+07	1.57 y	0.973	37:04	0.990	0.985-0.995	88.4286
PCB-89	5.49e+07	1.56 y	1.065	37:15	0.995	0.990-1.000	44.7210

Integrations by Analyst: MJ
Date: 3/6/18

Reviewed by Analyst: CT
Date: 3/8/18

Client ID: PCB CS3 17L3006 Filename: 180302E1 S:1 Acq: 2-MAR-18 09:59:57 ConCal: ST180302E1-1

Lab ID: ST180302E1-1 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	1.09e+08	1.58 y	1.08	37:27	1.000	0.995	1.005	87.7259
	PCB-113	7.78e+07	1.53 y	1.48	37:41	1.007	1.002	1.012	45.7060
	PCB-99	6.16e+07	1.59 y	1.25	37:47	1.009	1.004	1.014	42.6601
	PCB-119	7.40e+07	1.57 y	1.70	38:14	0.987	0.982	0.992	42.5759
	PCB-108/112	1.24e+08	1.59 y	1.40	38:23	0.991	0.986	0.996	86.1081
	PCB-83	7.49e+07	1.58 y	1.75	38:32	0.995	0.990	1.000	41.8030
	PCB-97	5.11e+07	1.56 y	1.17	38:45	1.001	0.995	1.005	42.5379
	PCB-86	4.72e+07	1.63 y	1.08	38:53	1.004	0.999	1.009	42.7332
	B-87/117/125	1.98e+08	1.54 y	1.55	39:01	1.007	1.002	1.012	124.901
	PCB-111/115	1.48e+08	1.59 y	1.79	39:10	1.011	1.006	1.016	80.9391
	PCB-85/116	1.15e+08	1.58 y	1.29	39:18	1.015	1.009	1.019	87.0775
	PCB-120	7.68e+07	1.58 y	1.98	39:33	1.021	1.016	1.026	37.9145
	PCB-110	7.01e+07	1.59 y	1.69	39:41	1.025	1.020	1.030	40.7075
	PCB-82	4.38e+07	1.57 y	0.81	40:18	0.976	0.972	0.982	48.6859
	PCB-124	6.54e+07	1.56 y	1.30	40:59	0.993	0.988	0.998	45.1955
	PCB-107/109	1.28e+08	1.58 y	1.31	41:08	0.996	0.991	1.001	86.9363
	PCB-123	5.49e+07	1.59 y	1.12	41:18	1.000	0.996	1.006	43.9314
-	PCB-106/118	1.23e+08	1.58 y	1.18	41:31	1.001	0.996	1.006	90.1768
-	PCB-114	4.48e+07	1.65 y	1.11	42:07	1.000	0.995	1.005	45.4967
	PCB-122	4.09e+07	1.62 y	1.03	42:17	1.004	0.999	1.009	44.9081
	PCB-105	4.50e+07	1.64 y	1.12	42:59	1.000	0.995	1.005	43.7496
	PCB-127	4.50e+07	1.69 y	1.12	43:20	1.000	0.995	1.005	42.9275
	PCB-126	4.60e+07	1.61 y	1.20	45:14	1.000	0.995	1.005	43.6928
	PCB-155	5.95e+07	1.25 y	0.99	36:59	1.000	0.995	1.005	44.9074
	PCB-150	6.40e+07	1.27 y	1.02	38:15	1.035	1.030	1.040	46.4788
	PCB-152	7.24e+07	1.25 y	1.16	38:44	1.048	1.042	1.052	46.6161
	PCB-145	6.79e+07	1.28 y	1.13	39:10	1.059	1.054	1.064	44.8037
	PCB-136	5.76e+07	1.38 y	1.02	39:29	1.068	1.063	1.073	41.9074
	PCB-148	4.48e+07	1.13 y	0.77	39:36	1.071	1.066	1.076	43.1367
	PCB-154	4.66e+07	1.26 y	0.88	40:06	1.085	1.079	1.089	39.6222
	PCB-151	3.85e+07	1.25 y	0.75	40:43	1.101	1.095	1.107	38.1415
	PCB-135	4.34e+07	1.24 y	0.86	40:57	1.108	1.101	1.113	37.5375
	PCB-144	4.00e+07	1.27 y	0.77	41:02	1.110	1.105	1.116	38.9025
	PCB-147	4.24e+07	1.24 y	0.80	41:10	1.114	1.108	1.120	39.2649
	PCB-139/149	8.91e+07	1.26 y	0.88	41:26	1.121	1.115	1.127	75.4242
-	PCB-140	3.91e+07	1.25 y	0.77	41:38	1.126	1.120	1.132	37.8229
-	PCB-134/143	8.78e+07	1.23 y	0.76	42:04	0.975	0.970	0.980	90.9555

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc
PCB-131/133	9.10e+07	1.22 y	0.82	42:22	0.982	0.977	0.987	87.9478
PCB-142	4.22e+07	1.25 y	0.73	42:31	0.985	0.981	0.991	45.4738
PCB-146/165	1.14e+08	1.22 y	1.02	42:44	0.990	0.986	0.996	88.5598
PCB-132/161	1.16e+08	1.24 y	1.00	42:59	0.996	0.992	1.002	90.8339
PCB-153	6.06e+07	1.22 y	1.08	43:10	1.001	0.995	1.005	44.4070
PCB-168	5.96e+07	1.22 y	1.12	43:23	1.006	1.000	1.010	42.1083
PCB-141	4.82e+07	1.22 y	1.02	43:54	1.000	0.995	1.005	44.7187
PCB-137	4.69e+07	1.22 y	1.10	44:17	1.009	1.004	1.014	40.1990
PCB-130	4.45e+07	1.23 y	0.81	44:23	1.011	1.007	1.017	52.1435
PCB-138/163/164	1.86e+08	1.23 y	1.23	44:46	1.001	0.996	1.006	134.089
PCB-158/160	1.17e+08	1.24 y	1.18	45:00	1.006	1.001	1.011	87.9401
PCB-129	3.96e+07	1.23 y	0.78	45:15	1.012	1.007	1.017	45.0933
PCB-166	6.61e+07	1.23 y	1.13	45:41	0.993	0.988	0.998	44.2600
PCB-159	7.06e+07	1.25 y	1.16	46:01	1.000	0.995	1.005	46.0513
PCB-128/162	1.08e+08	1.22 y	0.89	46:18	1.006	1.002	1.012	91.1253
PCB-167	6.37e+07	1.23 y	1.02	46:43	1.001	0.995	1.005	45.4193
PCB-156	6.21e+07	1.24 y	1.06	47:59	1.000	0.995	1.005	43.6919
PCB-157	6.16e+07	1.23 y	1.02	48:15	1.000	0.996	1.006	44.7942
PCB-169	6.88e+07	1.24 y	1.13	50:28	1.000	0.995	1.005	44.9972
PCB-188	6.33e+07	1.04 y	1.37	42:48	1.000	0.995	1.005	44.6968
PCB-184	6.17e+07	1.05 y	1.32	43:14	1.011	1.006	1.016	45.3467
PCB-179	6.39e+07	1.05 y	1.38	44:02	1.029	1.024	1.034	44.7688
PCB-176	6.14e+07	1.06 y	1.31	44:29	1.040	1.035	1.045	45.4694
PCB-186	6.75e+07	1.05 y	1.42	45:05	1.054	1.049	1.059	46.0295
PCB-178	4.73e+07	1.05 y	0.97	45:35	1.066	1.060	1.070	47.3515
PCB-175	4.82e+07	1.04 y	1.00	45:56	1.074	1.069	1.079	46.8480
PCB-182/187	1.10e+08	1.05 y	1.14	46:07	1.078	1.072	1.082	93.3681
PCB-183	5.62e+07	1.05 y	1.13	46:25	1.085	1.080	1.090	48.2901
PCB-185	4.72e+07	1.05 y	1.36	47:05	0.956	0.950	0.960	45.2429
PCB-174	5.06e+07	1.03 y	1.42	47:27	0.963	0.958	0.968	46.5137
PCB-181	5.13e+07	1.06 y	1.48	47:33	0.965	0.960	0.970	45.1798
PCB-177	4.63e+07	1.04 y	1.33	47:43	0.968	0.963	0.973	45.3223
PCB-171	4.67e+07	1.05 y	1.37	48:00	0.974	0.969	0.979	44.2831
PCB-173	4.36e+07	1.03 y	1.27	48:26	0.983	0.978	0.988	44.6495
PCB-172	4.85e+07	1.05 y	1.39	48:53	0.992	0.987	0.997	45.5101
PCB-192	6.26e+07	1.04 y	1.80	49:05	0.996	0.991	1.001	45.1325
PCB-180	5.18e+07	1.05 y	1.52	49:17	1.000	0.995	1.005	44.4429

Integrations by Analyst: MJ

Date: 3/6/18

Client ID: PCB CS3 17L3006 Filename: 180302E1 S:1 Acq: 2-MAR-18 09:59:57 ConCal: ST180302E1-1
Lab ID: ST180302E1-1 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	5.75e+07	1.05 y	1.71	49:29	1.004	0.999	1.009	43.6807
	PCB-191	5.98e+07	1.04 y	1.74	49:45	1.010	1.005	1.015	44.7021
	PCB-170	4.39e+07	1.03 y	1.44	50:52	1.000	0.995	1.005	44.9523
	PCB-190	5.82e+07	1.05 y	1.95	51:04	1.004	0.999	1.009	43.8232
	PCB-189	5.78e+07	1.04 y	1.46	52:30	1.000	0.995	1.005	43.3311
	PCB-202	5.72e+07	0.88 y	1.06	48:13	1.000	0.995	1.005	47.4900
	PCB-201	5.22e+07	0.88 y	0.98	48:42	1.010	1.006	1.016	46.9645
	PCB-204	5.61e+07	0.88 y	1.07	48:51	1.014	1.009	1.019	46.0836
	PCB-197	5.56e+07	0.88 y	1.10	49:09	1.020	1.015	1.025	44.5427
	PCB-200	5.37e+07	0.90 y	1.04	50:04	1.039	1.034	1.044	45.3634
	PCB-198	4.32e+07	0.88 y	0.84	51:32	1.069	1.065	1.075	45.2648
	PCB-199	4.21e+07	0.88 y	0.80	51:39	1.072	1.067	1.077	46.3968
-	PCB-196/203	8.94e+07	0.89 y	0.84	51:56	1.078	1.072	1.082	93.4622
-	PCB-195	3.54e+07	0.91 y	1.04	53:09	0.984	0.979	0.989	48.3113
	PCB-194	3.84e+07	0.90 y	1.16	54:04	1.000	0.995	1.005	46.9419
	PCB-205	4.56e+07	0.91 y	1.33	54:20	1.005	1.000	1.010	48.4026
	PCB-208	4.95e+07	1.30 y	0.90	53:19	1.000	0.995	1.005	46.0250
	PCB-207	4.94e+07	1.31 y	0.89	53:38	1.006	1.001	1.011	46.2307
	PCB-206	3.77e+07	1.30 y	0.88	55:37	1.000	0.995	1.005	46.6574
	PCB-209	4.45e+07	1.18 y	1.04	56:56	1.000	0.995	1.005	45.4702

Name	Resp	RA	RT	RRF	Conc	
Total Mono-PCB	2.69e+08	3.01 y	15:59	1.06	144.697	
Total Di-PCB	8.61e+08	1.65 y	20:00	1.04	528.730	
Total Tri-PCB	6.78e+08	1.04 y	24:08	1.15	349.570	
Total Tri-PCB	1.19e+09	1.06 y	27:50	1.05	786.418	Sum:1135.99
Total Tetra-PCB	3.32e+09	0.78 y	27:54	1.06	1926.67	
Total Penta-PCB	2.49e+09	1.56 y	32:36	1.18	1775.28	
Total Penta-PCB	2.33e+08	1.65 y	42:07	1.12	232.081	Sum:2007.36
Total Hexa-PCB	7.05e+08	1.25 y	36:59	0.91	574.566	
Total Hexa-PCB	1.57e+09	1.23 y	42:04	1.00	1269.32	Sum:1843.89
Total Hepta-PCB	1.31e+09	1.04 y	42:48	1.35	1096.71	
Total Octa-PCB	4.50e+08	0.88 y	48:13	0.95	415.568	
Total Octa-PCB	1.22e+08	0.91 y	53:09	1.17	146.419	Sum:561.987
Total Nona-PCB	1.37e+08	1.30 y	53:19	0.89	139.338	
Total Deca-PCB	4.45e+07	1.18 y	56:56	1.04	45.4702	

Total PCB Conc:9359.67500200

Integrations by Analyst: MJ

Date: 3/16/18

Client ID: PCB CS3 17L3006 Filename: 180302E1 S:1 Acq: 2-MAR-18 09:59:57 ConCal: ST180302E1-1
Lab ID: ST180302E1-1 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	1.67e+08	3.06 y	1.13	15:58	0.618	0.616	0.622	82.1	82.1
13C-PCB-3	1.79e+08	3.09 y	1.21	18:36	0.720	0.716	0.724	81.8	81.8
13C-PCB-4	1.01e+08	1.55 y	0.59	19:56	0.772	0.769	0.777	94.3	94.3
13C-PCB-9	1.61e+08	1.53 y	0.94	21:45	0.841	0.837	0.845	94.9	94.9
13C-PCB-11	1.69e+08	1.52 y	0.95	25:08	0.973	0.968	0.978	98.7	98.7
13C-PCB-19	1.26e+08	1.05 y	0.62	24:07	0.933	0.928	0.938	112	112
13C-PCB-28	1.48e+08	1.01 y	1.05	29:00	1.004	0.999	1.009	94.3	94.3
13C-PCB-32	1.90e+08	1.05 y	0.91	27:03	1.047	1.041	1.051	116	116
13C-PCB-37	1.35e+08	1.03 y	1.02	32:53	1.138	1.132	1.144	88.5	88.5
13C-PCB-47	1.51e+08	0.78 y	0.83	31:56	0.870	0.867	0.875	100.0	100.0
13C-PCB-52	1.41e+08	0.79 y	0.76	31:26	0.857	0.853	0.861	102	102
13C-PCB-54	1.79e+08	0.80 y	0.93	27:53	0.760	0.756	0.764	107	107
13C-PCB-70	1.77e+08	0.81 y	1.00	35:27	0.966	0.961	0.971	97.9	97.9
13C-PCB-77	1.62e+08	0.80 y	0.96	39:34	1.078	1.073	1.083	93.0	93.0
13C-PCB-80	1.76e+08	0.78 y	1.00	35:52	0.978	0.973	0.983	97.8	97.8
13C-PCB-81	1.76e+08	0.79 y	1.01	38:57	1.062	1.057	1.067	96.6	96.6
13C-PCB-95	1.12e+08	1.56 y	0.80	35:45	0.913	0.908	0.918	102	102
13C-PCB-97	1.02e+08	1.56 y	0.70	38:44	0.989	0.984	0.994	107	107
13C-PCB-101	1.15e+08	1.54 y	0.80	37:26	0.956	0.951	0.961	105	105
13C-PCB-104	1.46e+08	1.56 y	1.01	32:34	0.832	0.828	0.836	106	106
13C-PCB-105	9.15e+07	1.55 y	1.14	42:59	0.929	0.924	0.934	81.1	81.1
13C-PCB-114	8.85e+07	1.54 y	1.18	42:07	0.910	0.905	0.915	75.7	75.7
13C-PCB-118	1.15e+08	1.60 y	1.00	41:29	1.059	1.054	1.064	84.8	84.8
13C-PCB-123	1.12e+08	1.55 y	0.95	41:17	1.054	1.049	1.059	86.5	86.5
13C-PCB-126	8.77e+07	1.55 y	1.14	45:13	0.977	0.972	0.982	78.0	78.0
13C-PCB-127	9.38e+07	1.53 y	1.24	43:20	0.936	0.931	0.941	76.4	76.4
13C-PCB-138	1.12e+08	1.26 y	1.17	44:44	0.966	0.962	0.972	96.9	96.9
13C-PCB-141	1.06e+08	1.28 y	1.11	43:53	0.948	0.944	0.954	96.7	96.7
13C-PCB-153	1.27e+08	1.25 y	1.34	43:09	0.932	0.928	0.938	95.9	95.9
13C-PCB-155	1.34e+08	1.28 y	0.83	36:58	0.944	0.939	0.949	119	119
13C-PCB-156	1.34e+08	1.26 y	1.38	47:59	1.037	1.032	1.042	97.8	97.8
13C-PCB-157	1.34e+08	1.26 y	1.37	48:15	1.043	1.037	1.047	98.9	98.9
13C-PCB-159	1.32e+08	1.28 y	1.39	46:01	0.994	0.989	0.999	96.5	96.5
13C-PCB-167	1.37e+08	1.27 y	1.40	46:41	1.009	1.004	1.014	99.3	99.3
13C-PCB-169	1.35e+08	1.27 y	1.39	50:27	1.090	1.085	1.095	98.4	98.4
13C-PCB-170	6.80e+07	0.46 y	0.86	50:51	1.103	1.097	1.109	102	102
13C-PCB-180	7.69e+07	0.45 y	0.98	49:16	1.069	1.064	1.074	101	101
13C-PCB-188	1.03e+08	0.47 y	1.40	42:47	0.928	0.923	0.933	94.6	94.6
13C-PCB-189	9.15e+07	0.46 y	1.15	52:28	1.138	1.132	1.144	102	102
13C-PCB-194	7.08e+07	0.91 y	0.77	54:03	0.995	0.990	1.000	99.6	99.6
13C-PCB-202	1.14e+08	0.91 y	1.28	48:12	1.045	1.040	1.050	114	114
13C-PCB-206	9.16e+07	0.79 y	0.81	55:36	1.024	1.019	1.029	123	123
13C-PCB-208	1.20e+08	0.78 y	1.09	53:18	0.981	0.977	0.987	119	119
13C-PCB-209	9.39e+07	1.21 y	0.74	56:56	1.048	1.043	1.053	138	138

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.89e+08	0.80 y	1.03	37:45	1.029	1.024	1.034	101	101
13C-PCB-178	7.20e+07	0.45 y	0.93	45:34	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	1.89e+08	0.80 y	1.03	37:45	0.969	0.963	0.973	105	105
13C-PCB-178	7.20e+07	0.45 y	0.95	45:34	0.925	0.920	0.930	98.5	98.5

RS

Name	Resp	RA	RRF	RT	Conc
13C-PCB-15	1.80e+08	1.52 y	1.00	25:50	100
13C-PCB-31	1.50e+08	1.02 y	1.00	28:54	100
13C-PCB-60	1.81e+08	0.79 y	1.00	36:41	100
13C-PCB-111	1.37e+08	1.59 y	1.00	39:10	100
13C-PCB-128	9.88e+07	1.27 y	1.00	46:17	100
13C-PCB-182	7.80e+07	0.46 y	1.00	46:06	100
13C-PCB-205	9.23e+07	0.91 y	1.00	54:19	100

Analyst: VM

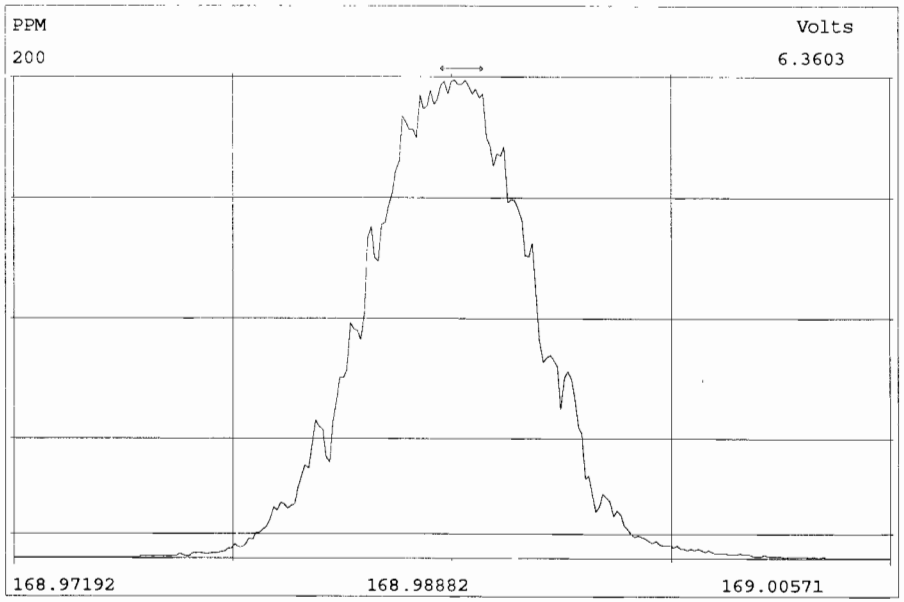
Date: 3/6/18

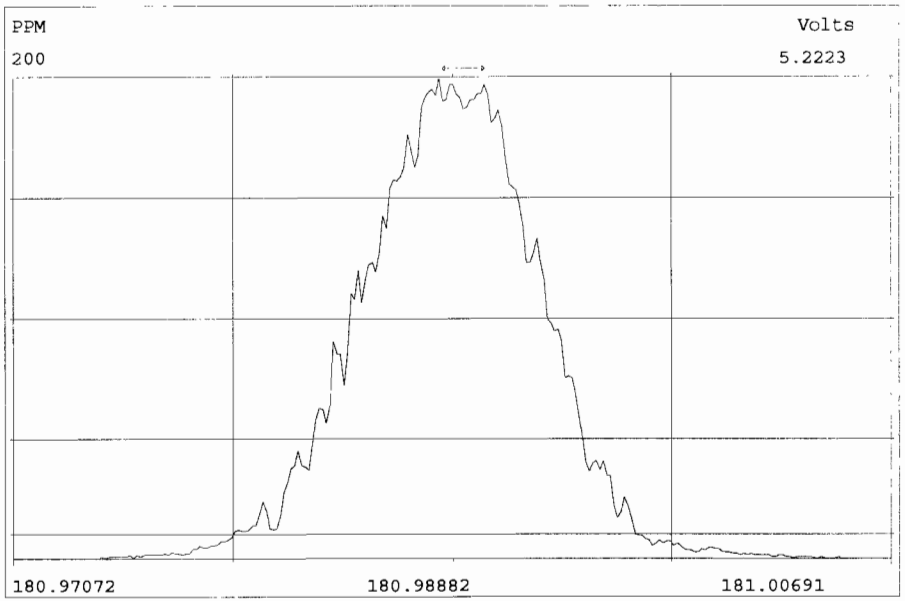
Vista Analytical Laboratory - Injection Log Run file: 180302E1 Instrument ID: VG-8 GC Column ID: ZB-1

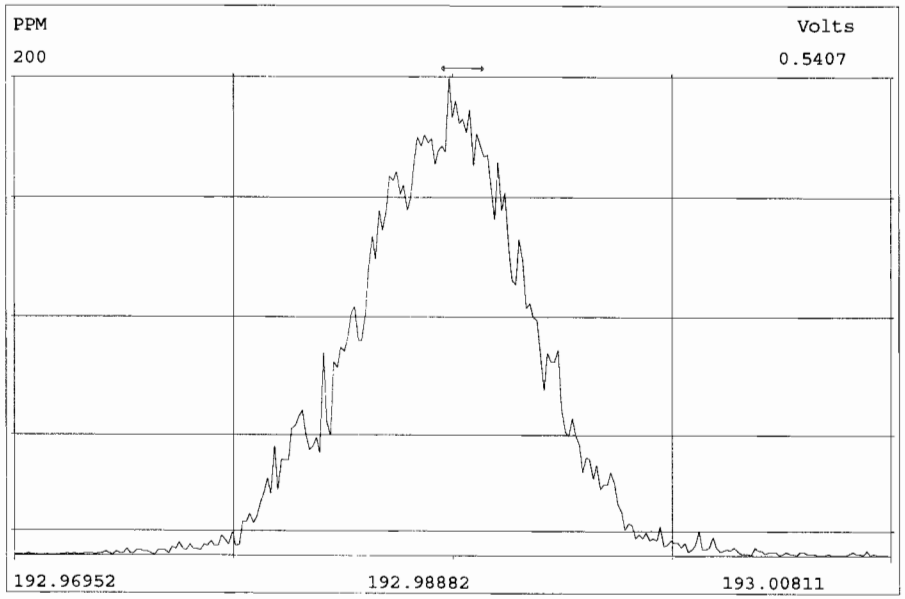
Data file	S#	Sample ID	Analyst	Acq date	Acq time	CCal	ECal
180302E1	1	ST180302E1-1	MAS	2-MAR-18	09:59:57	ST180302E1-1	NA
180302E1	2	B8B0161-BS1	MAS	2-MAR-18	11:05:06	ST180302E1-1	NA
180302E1	3	SOLVENT BLANK	MAS	2-MAR-18	12:10:14	ST180302E1-1	NA
180302E1	4	B8B0161-BLK1	MAS	2-MAR-18	13:15:23	ST180302E1-1	NA
180302E1	5	1701202-01	MAS	2-MAR-18	14:20:30	ST180302E1-1	NA
180302E1	6	1701202-03	MAS	2-MAR-18	15:25:39	ST180302E1-1	NA
180302E1	7	1701202-04	MAS	2-MAR-18	16:30:46	ST180302E1-1	NA
180302E1	8	1701202-05	MAS	2-MAR-18	17:35:55	ST180302E1-1	NA
180302E1	9	1701202-06	MAS	2-MAR-18	18:41:03	ST180302E1-1	NA
180302E1	10	1701202-07	MAS	2-MAR-18	19:46:10	ST180302E1-1	NA
180302E1	11	1701202-08	MAS	2-MAR-18	20:51:16	ST180302E1-1	NA
180302E1	12	SOLVENT BLANK	MAS	2-MAR-18	21:56:26	ST180302E1-1	NA

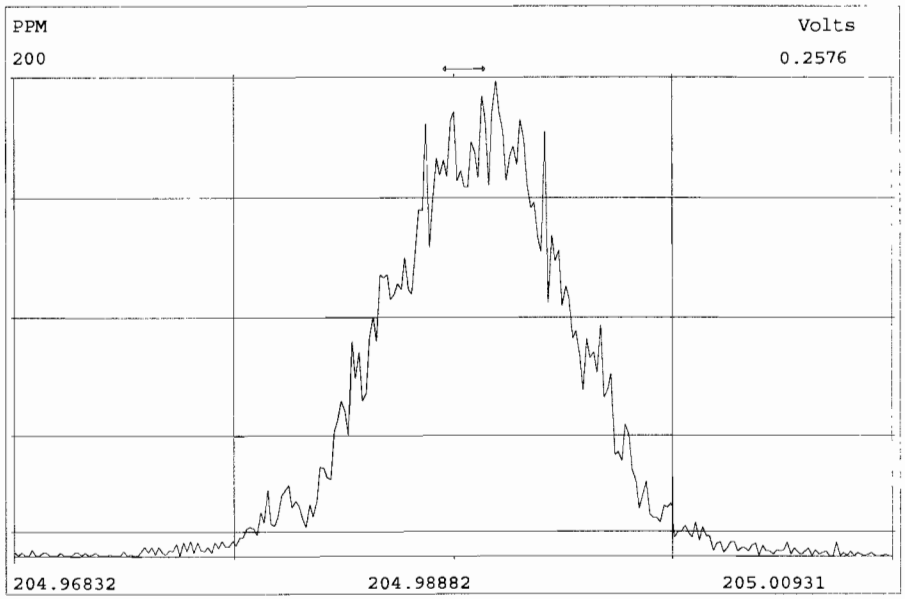
Peak Locate Examination: 2-MAR-2018:09:58 File:180302E1

Experiment:PCB_ZB1 Function:1 Reference:PFK



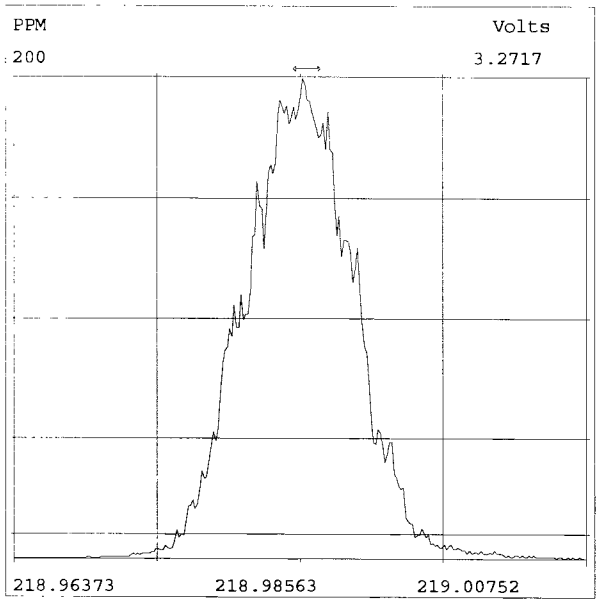


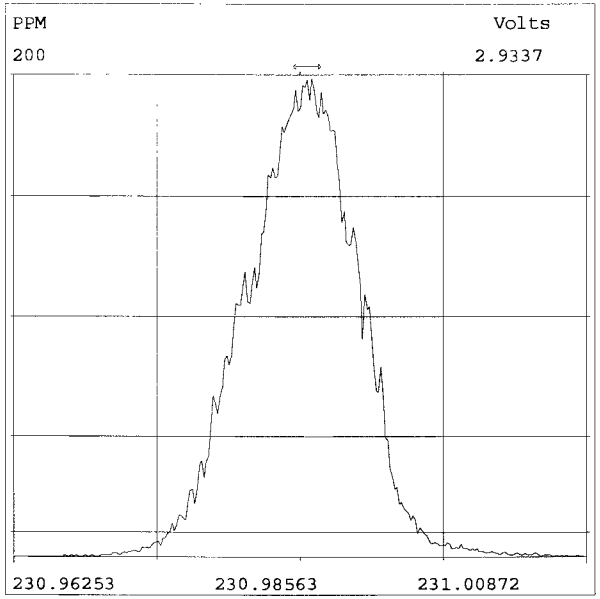


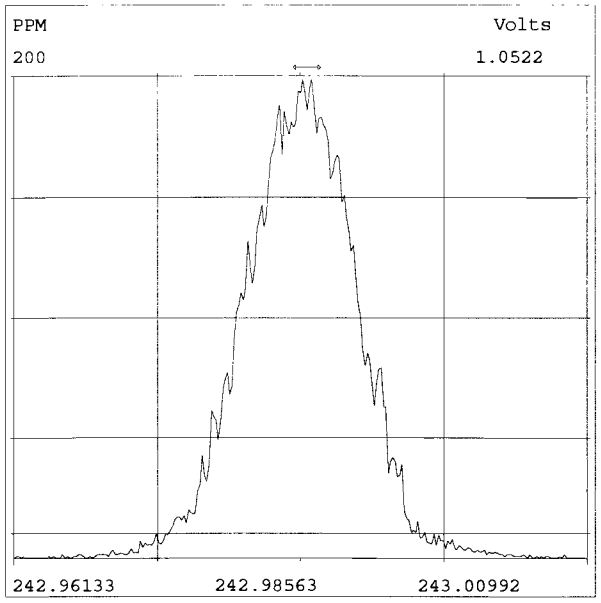


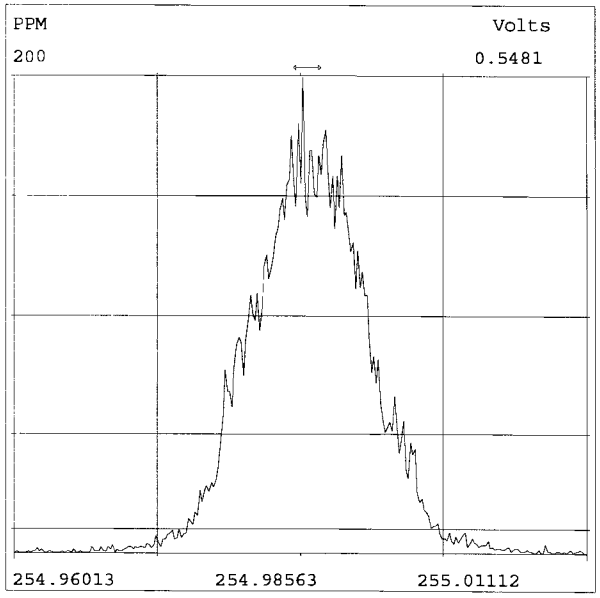
Peak Locate Examination: 2-MAR-2018:09:58 File:180302E1

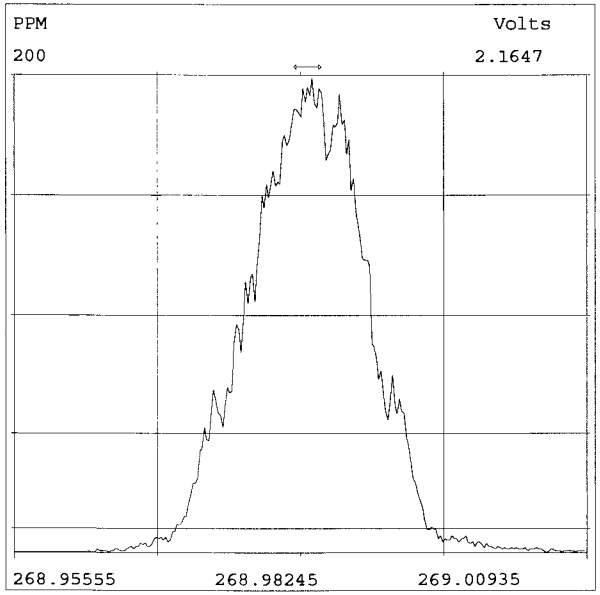
Experiment:PCB_ZB1 Function:2 Reference:PFK

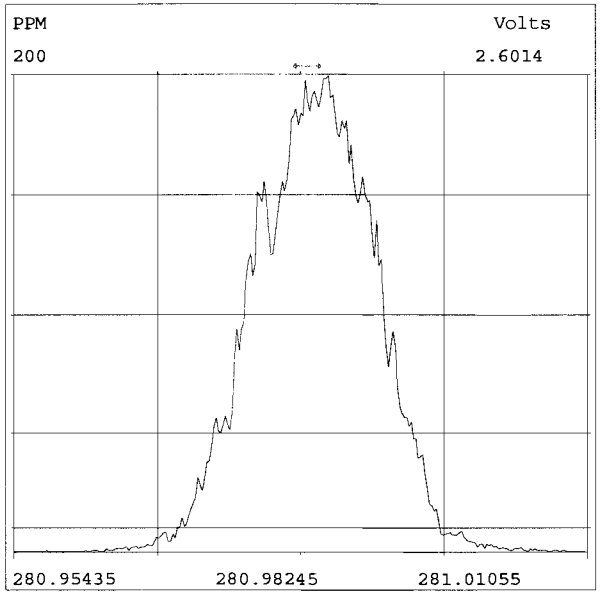






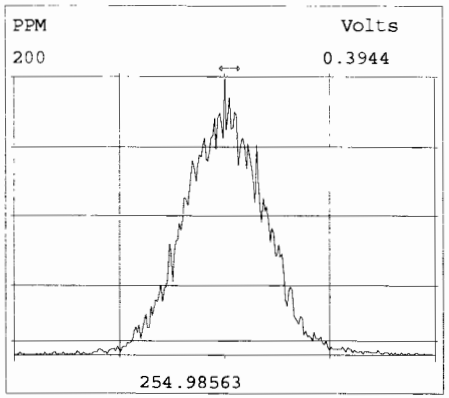


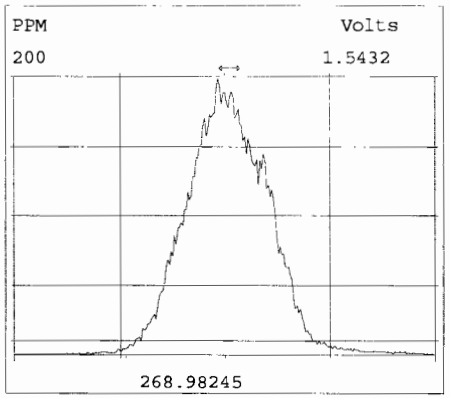


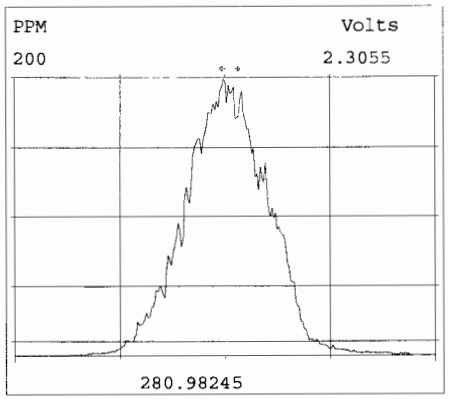


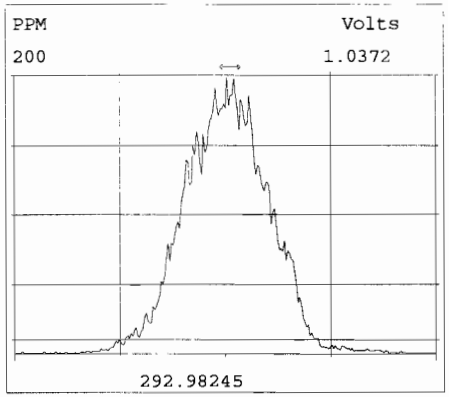
Peak Locate Examination: 2-MAR-2018:09:59 File:180302E1

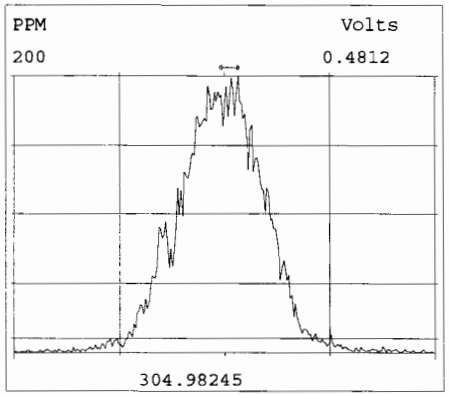
Experiment:PCB_ZB1 Function:3 Reference:PFK

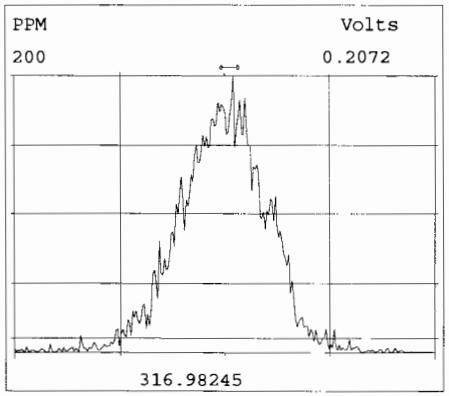


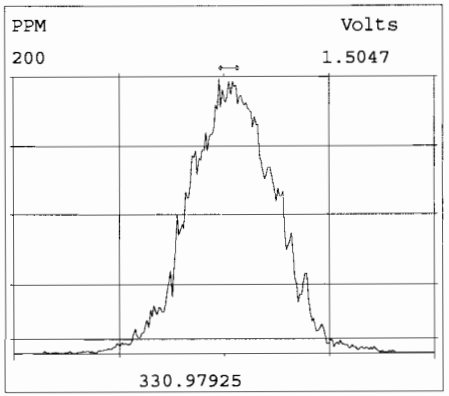


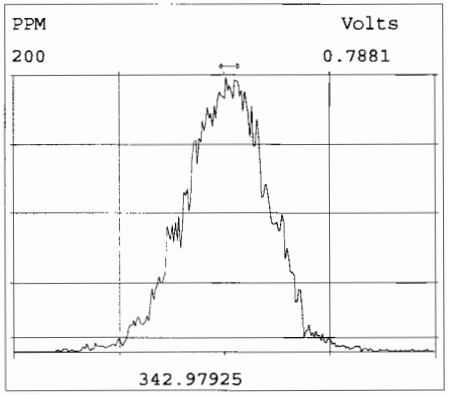


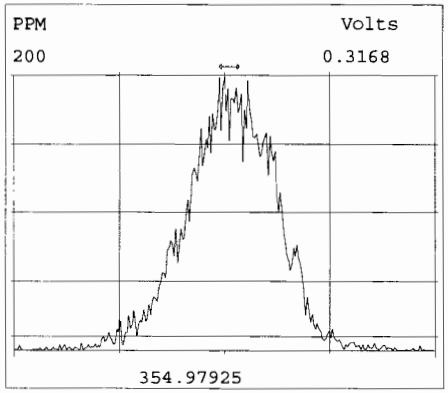


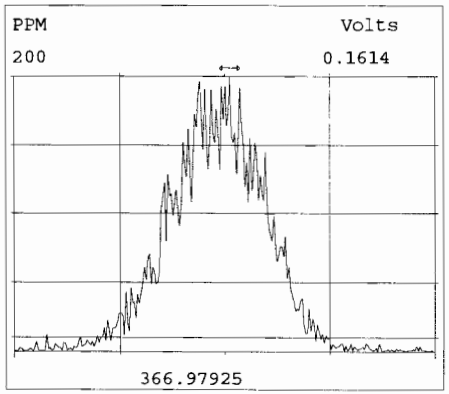


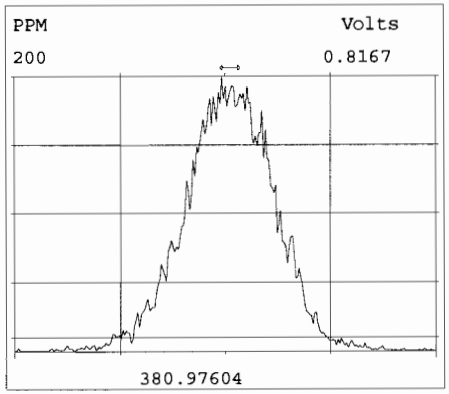






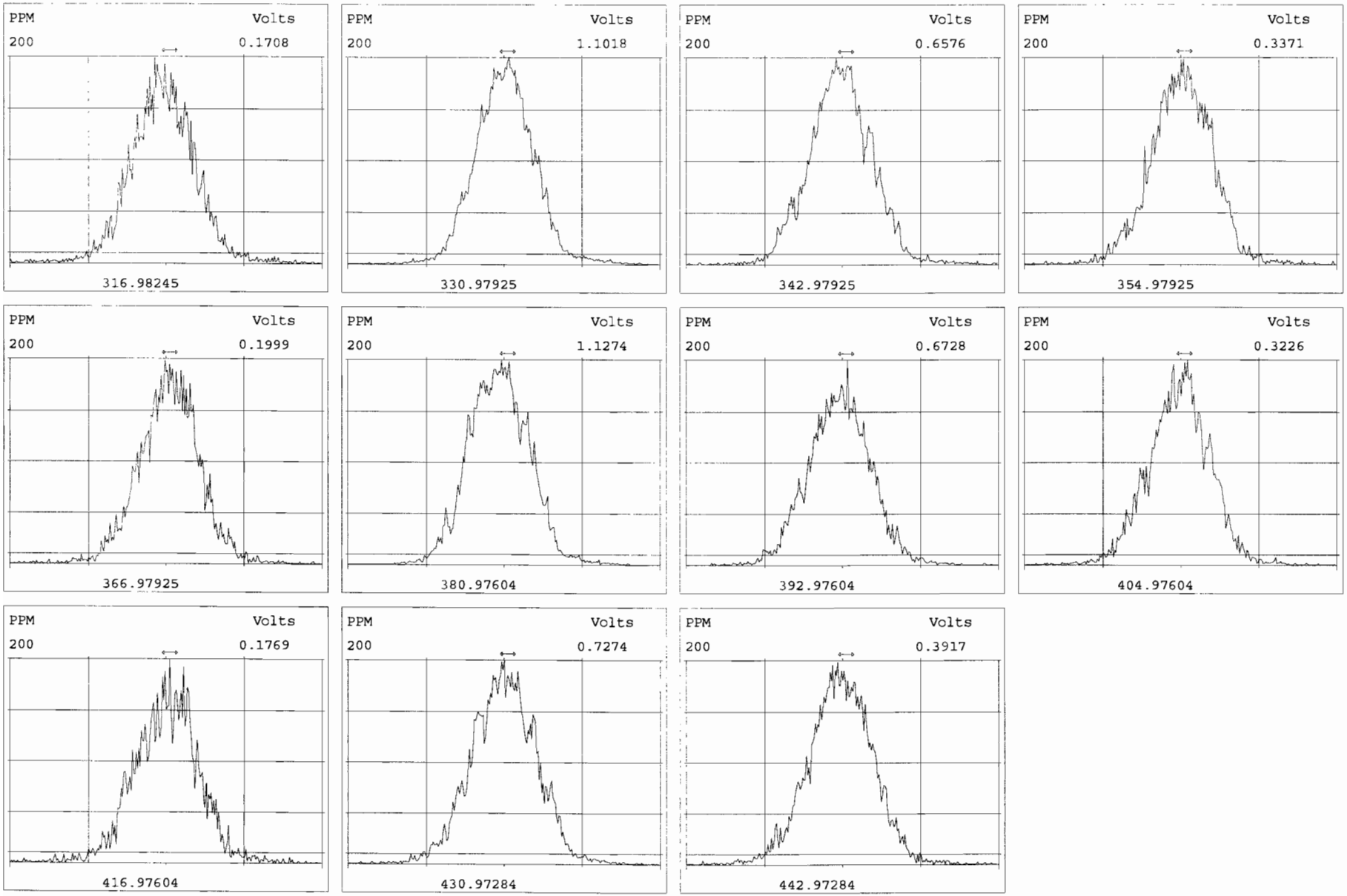






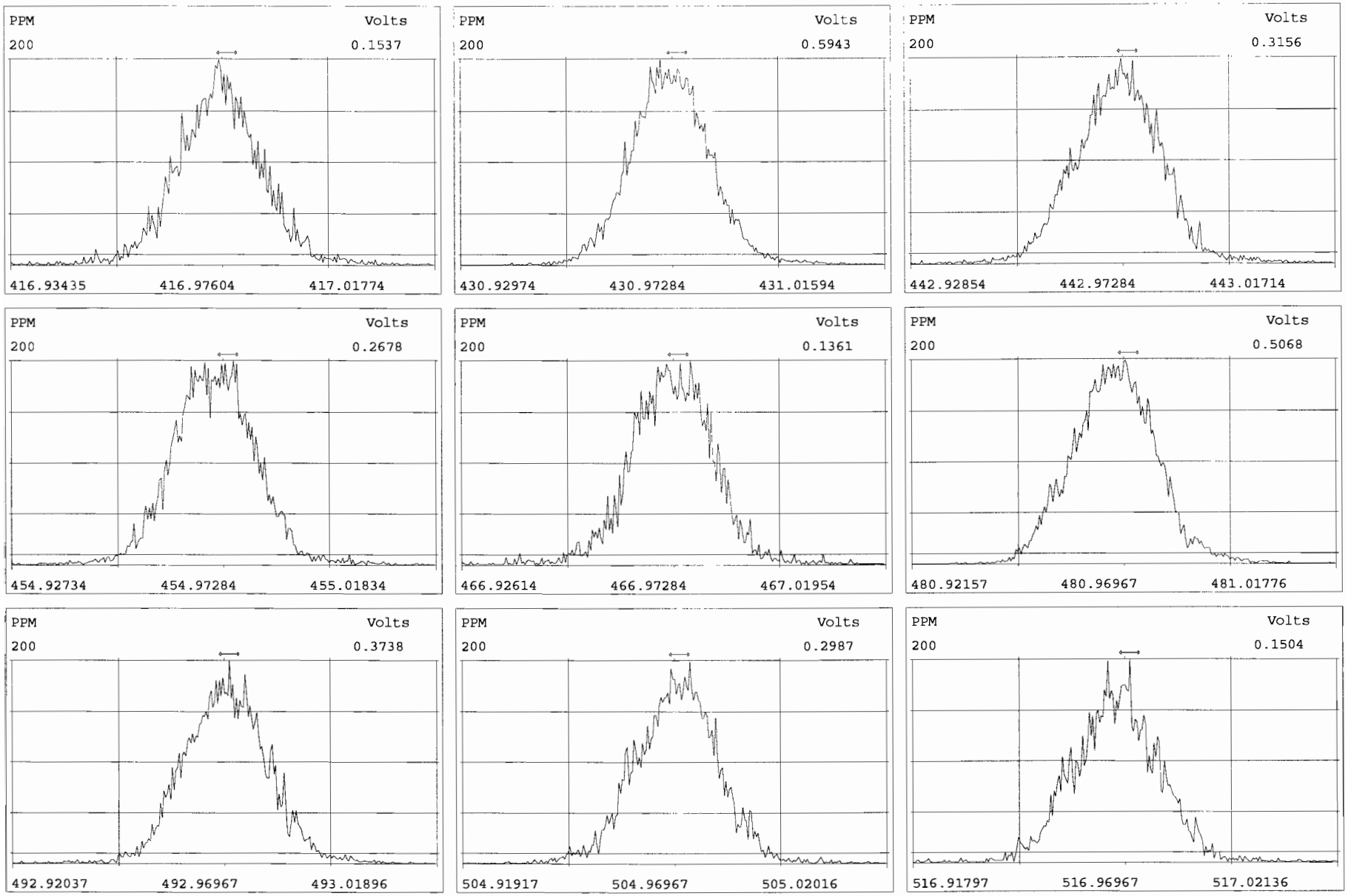
Peak Locate Examination: 2-MAR-2018:09:59 File:180302E1

Experiment:PCB_ZB1 Function:4 Reference:PFK



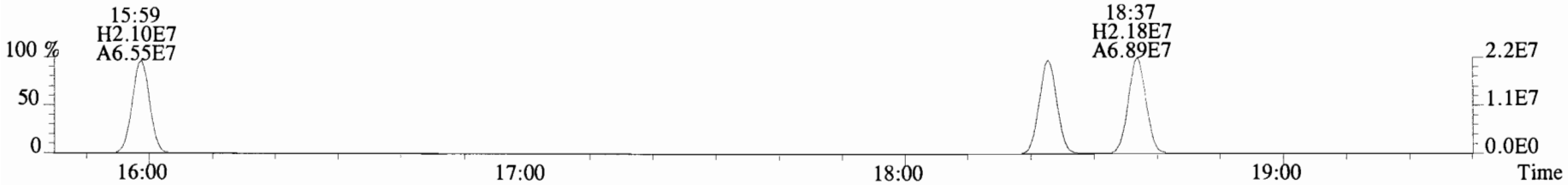
Peak Locate Examination: 2-MAR-2018:09:59 File:180302E1

Experiment:PCB_ZB1 Function:5 Reference:PFK

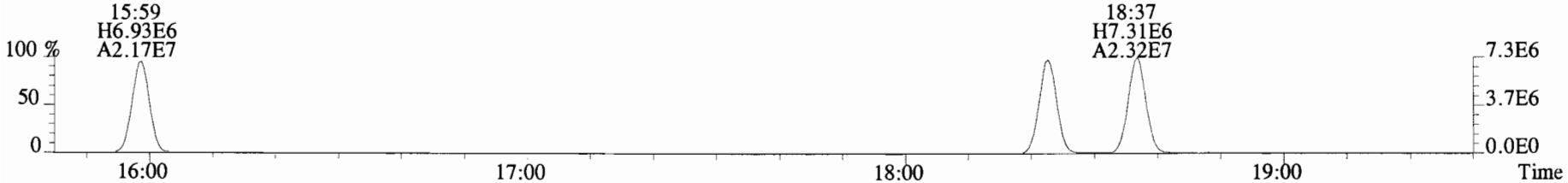


File:180302E1 #1-866 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1

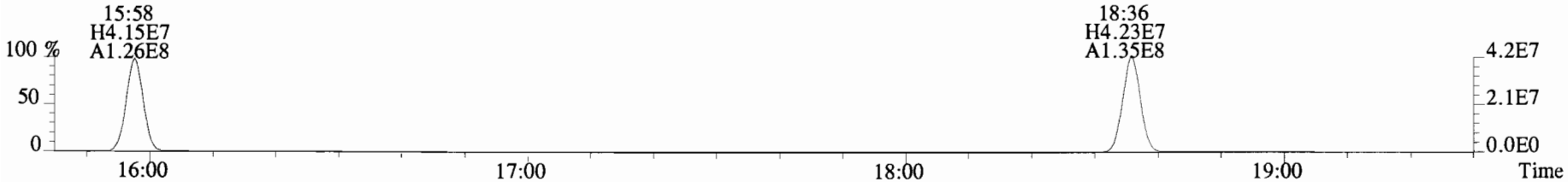
188.0393 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6136.0,0.00%,F,F)



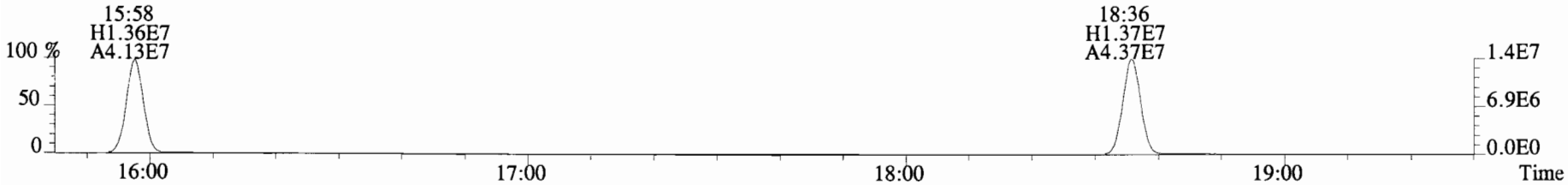
190.0363 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4420.0,0.00%,F,F)



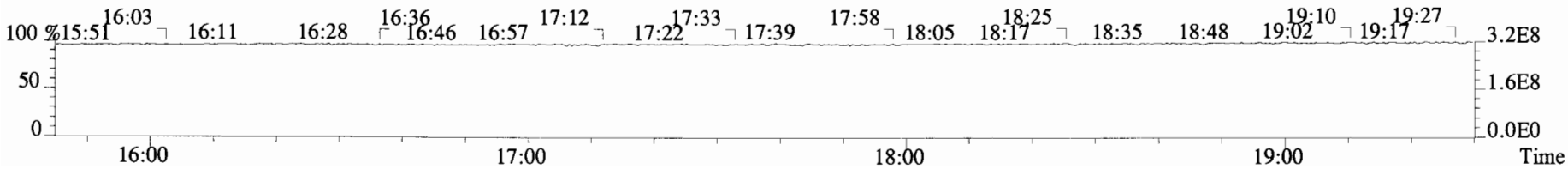
200.0795 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5648.0,0.00%,F,F)



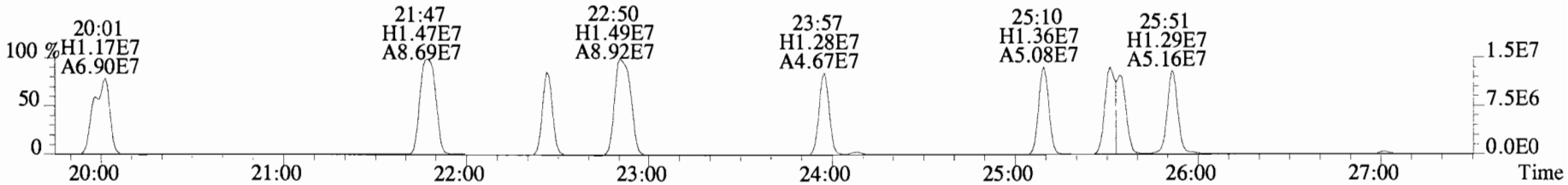
202.0766 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14344.0,0.00%,F,F)



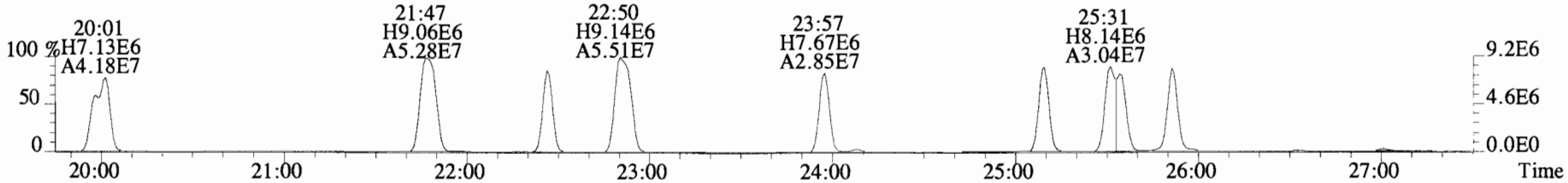
180.9880



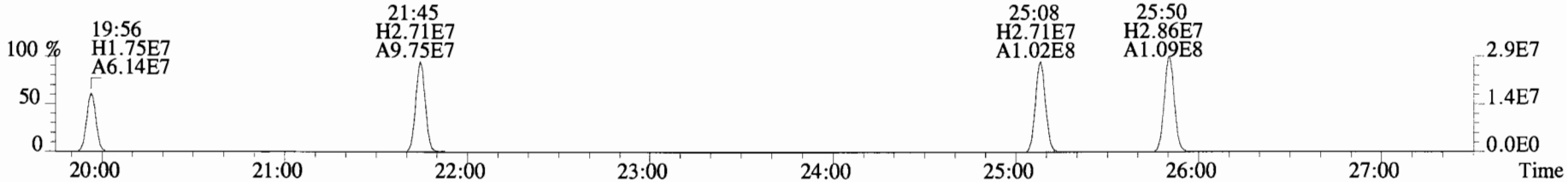
File:180302E1 #1-757 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
222.0003 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6100.0,0.00%,F,F)



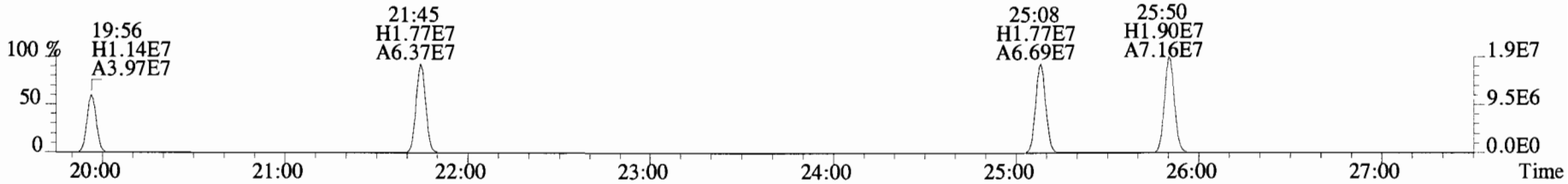
223.9974 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,64520.0,0.00%,F,F)



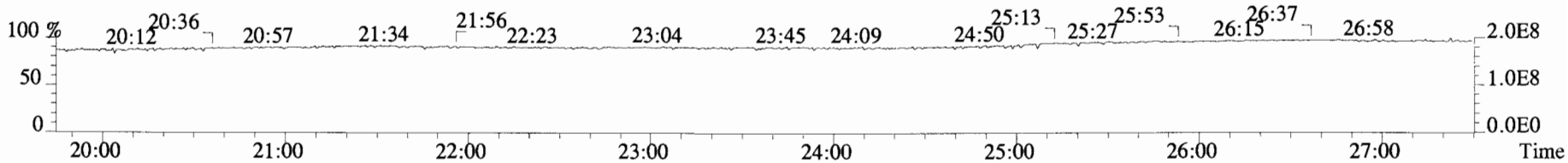
234.0406 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6164.0,0.00%,F,F)



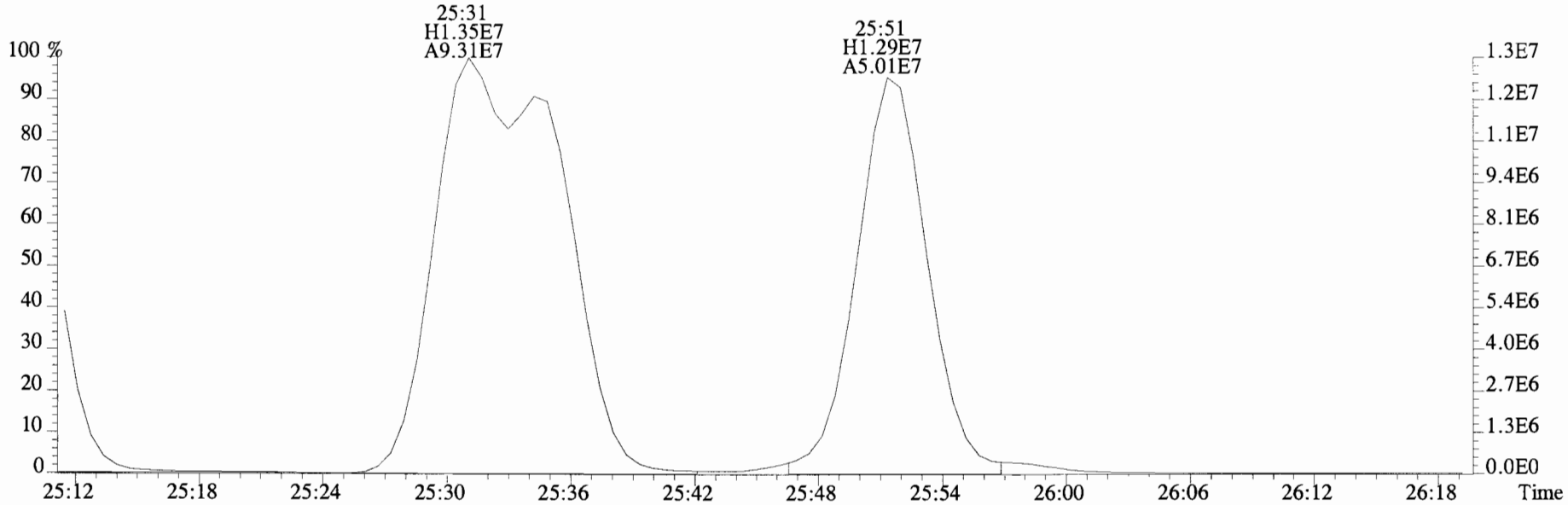
236.0376 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5372.0,0.00%,F,F)



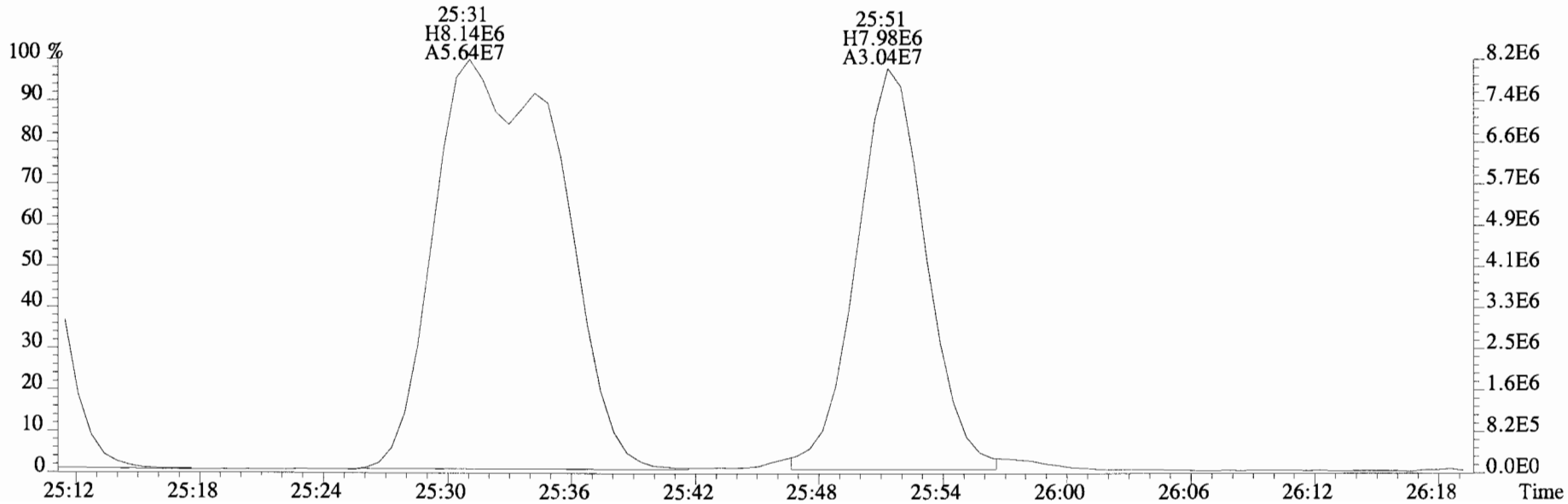
230.9856 F:2



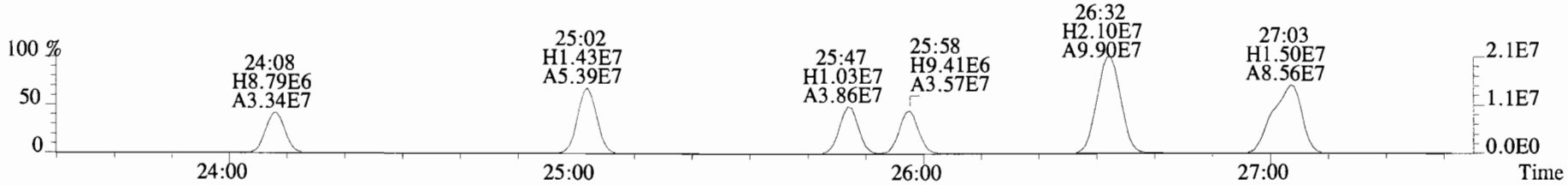
File:180302E1 #1-757 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
222.0003 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6100.0,0.00%,F,F)



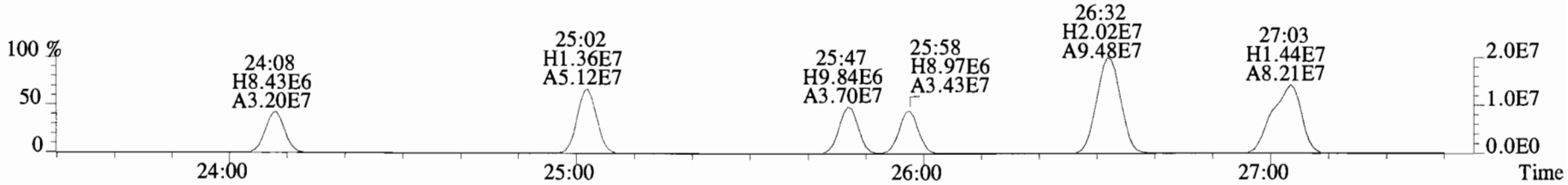
223.9974 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,64520.0,0.00%,F,F)



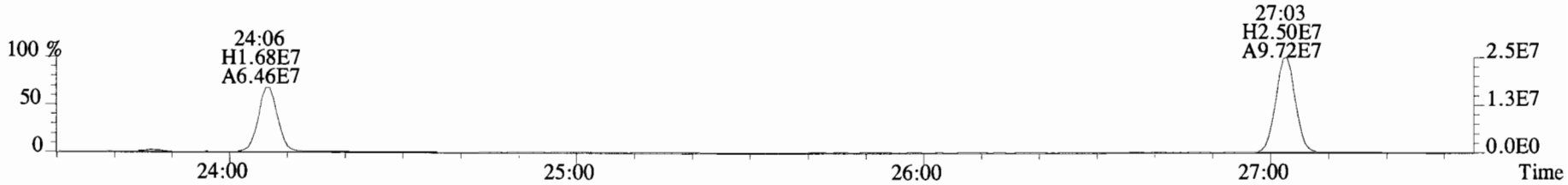
File:180302E1 #1-757 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4692.0,0.00%,F,F)



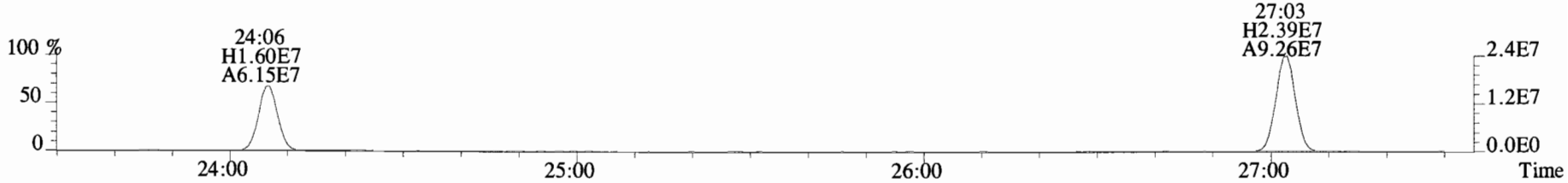
257.9584 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3056.0,0.00%,F,F)



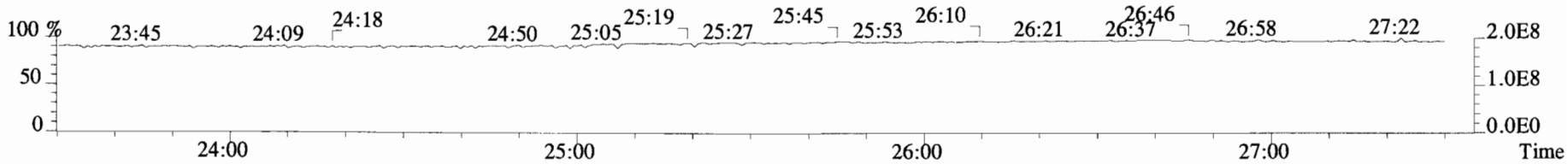
268.0016 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,129804.0,0.00%,F,F)



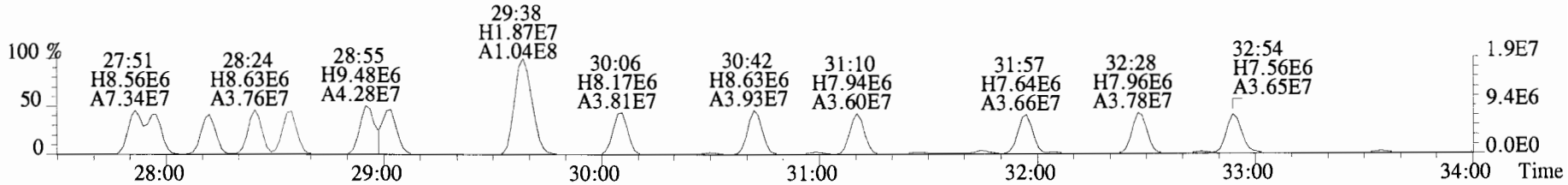
269.9986 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,85272.0,0.00%,F,F)



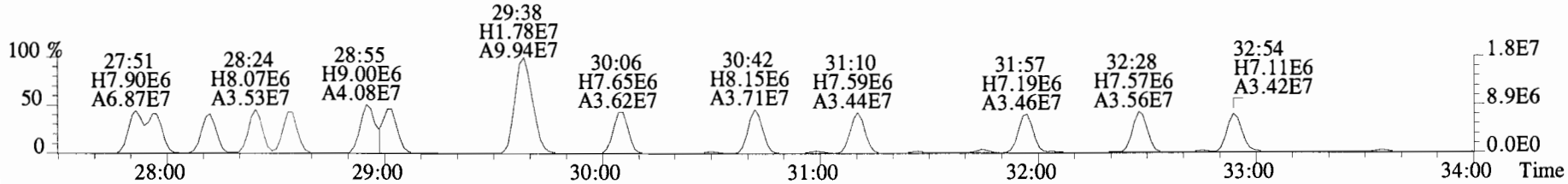
230.9856 F:2



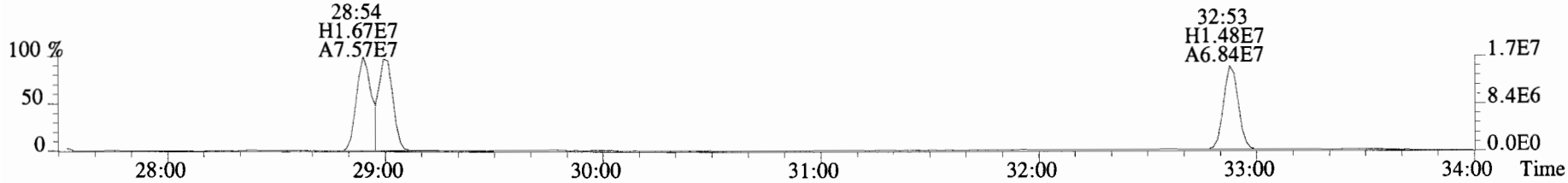
File:180302E1 #1-756 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15008.0,0.00%,F,F)



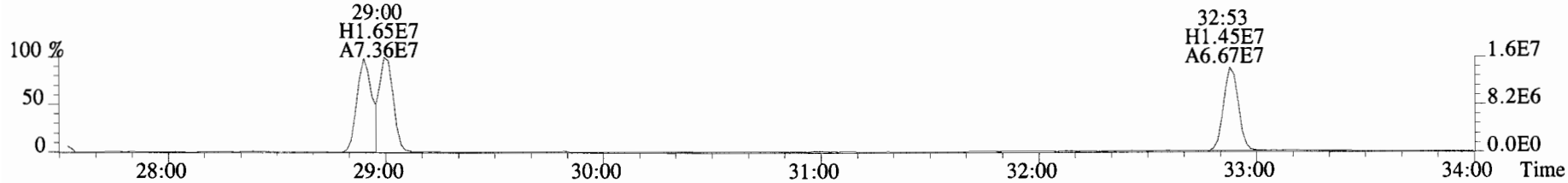
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11584.0,0.00%,F,F)



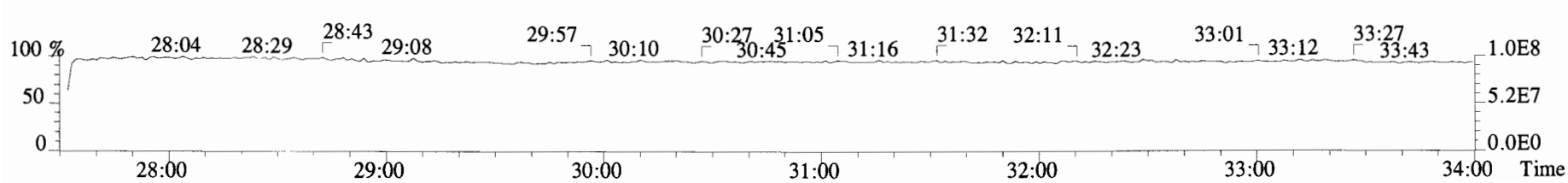
268.0016 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,191264.0,0.00%,F,F)



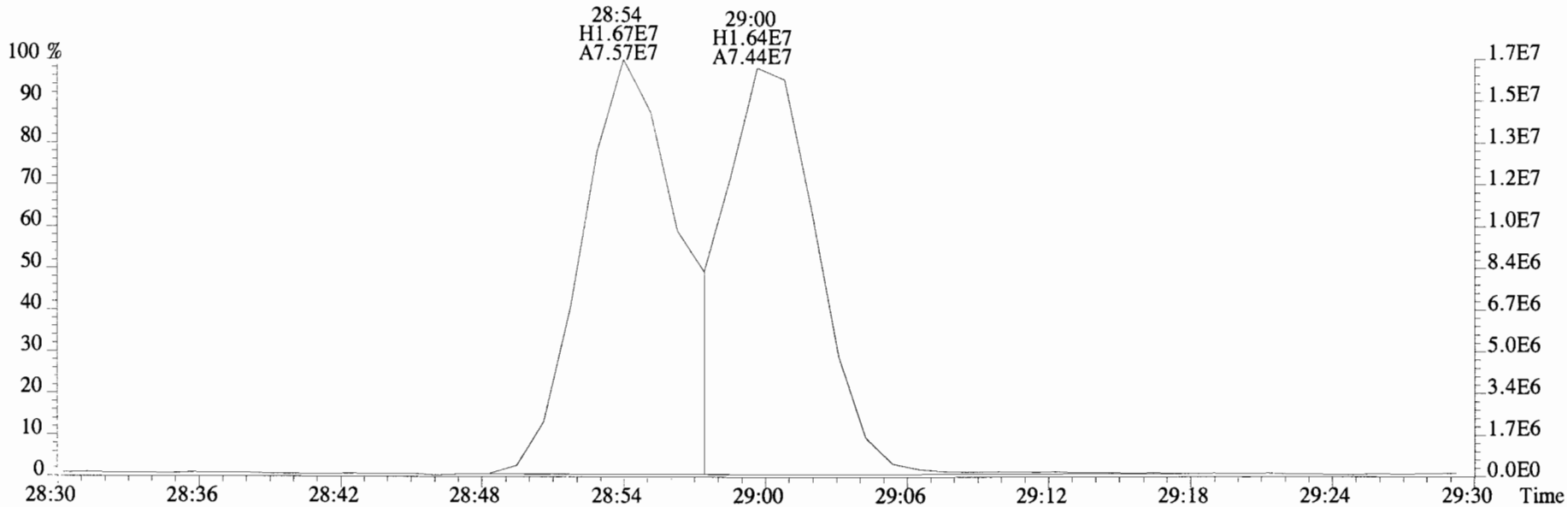
269.9986 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,136816.0,0.00%,F,F)



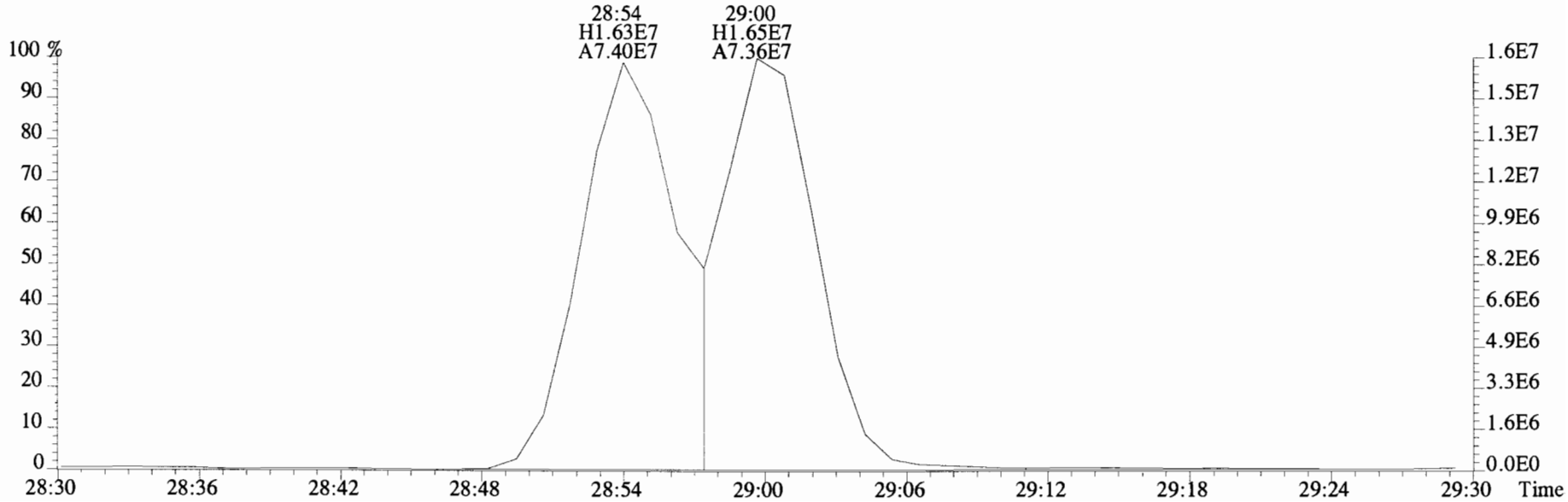
330.9792 F:3



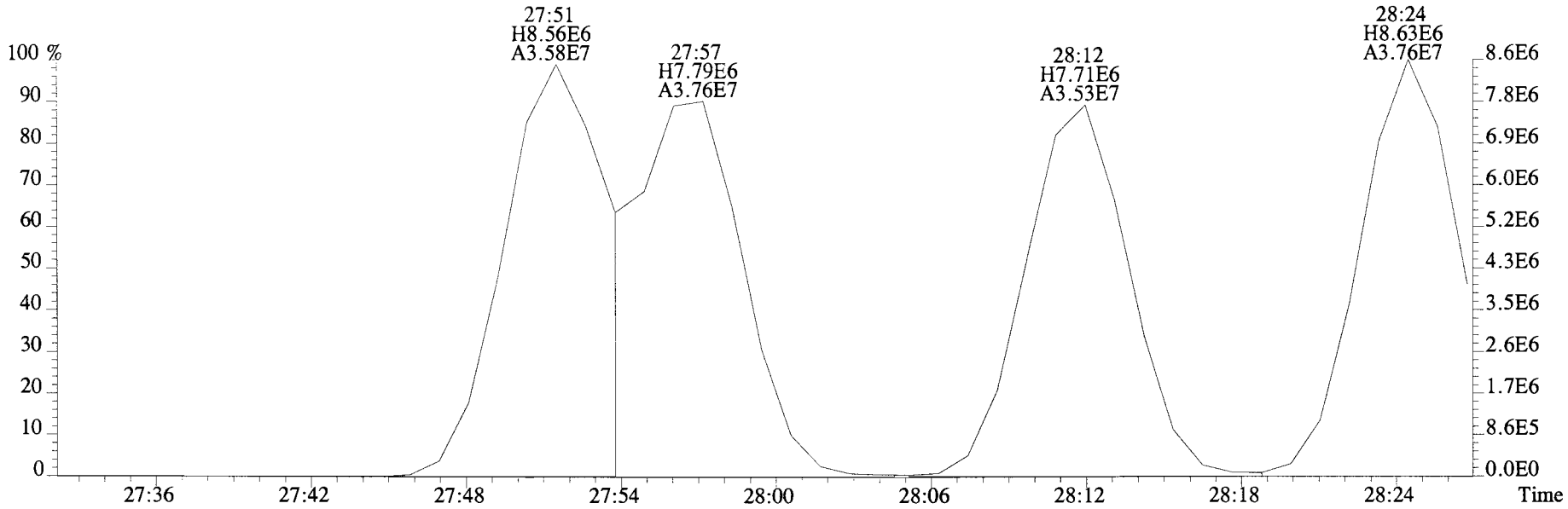
File:180302E1 #1-756 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
268.0016 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,191264.0,0.00%,F,F)



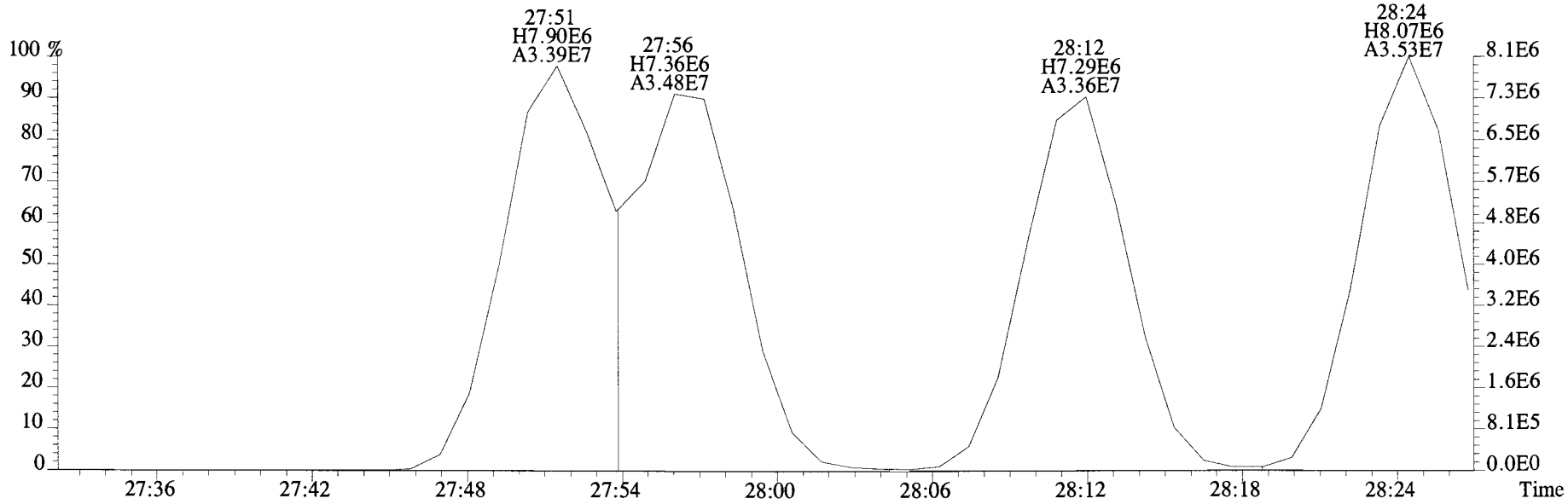
269.9986 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,136816.0,0.00%,F,F)



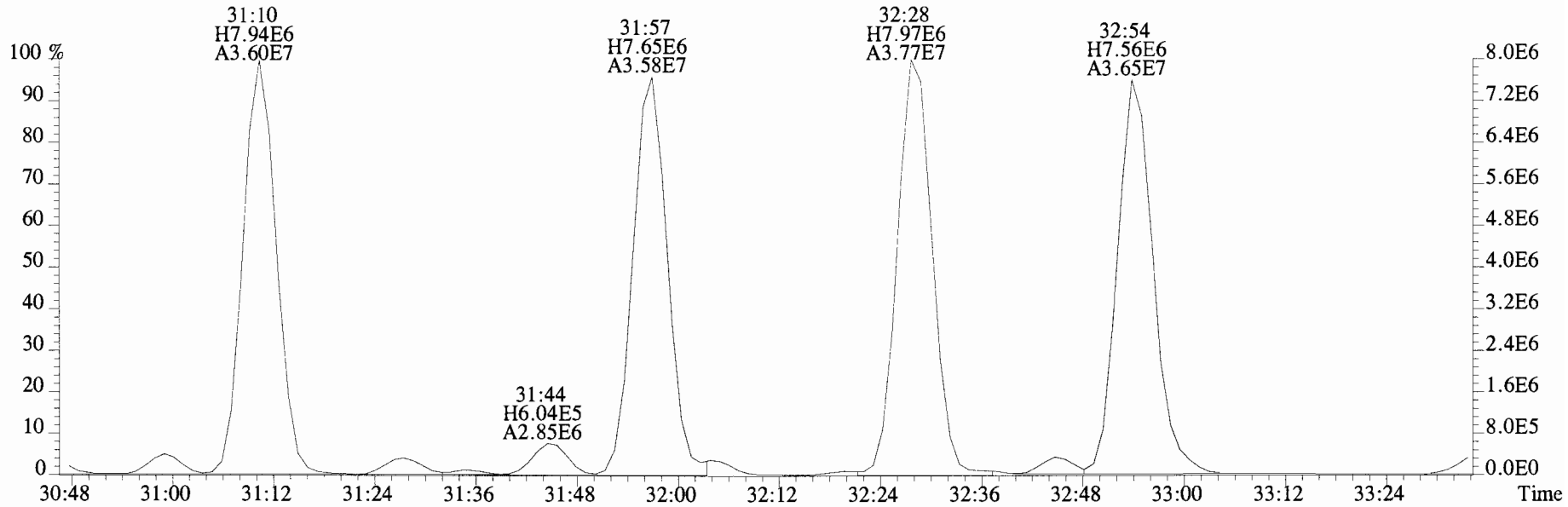
File:180302E1 #1-756 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15008.0,0.00%,F,F)



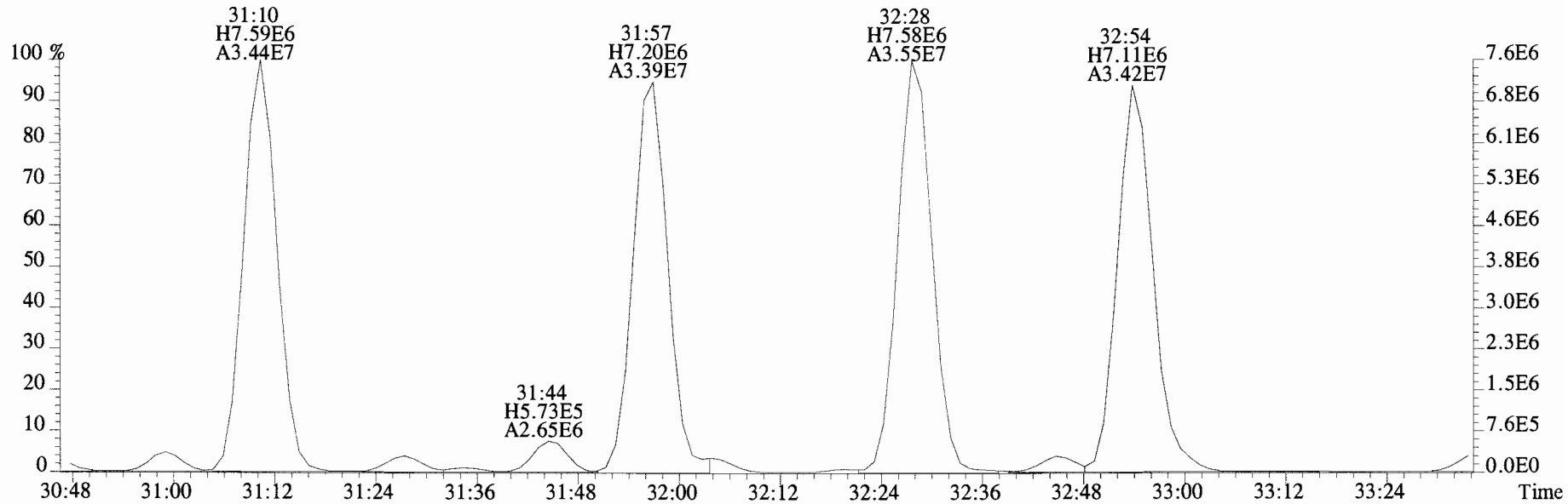
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11584.0,0.00%,F,F)



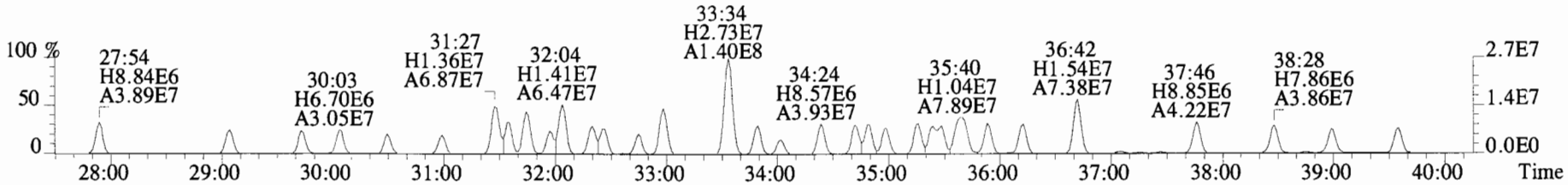
File:180302E1 #1-756 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15008.0,0.00%,F,F)



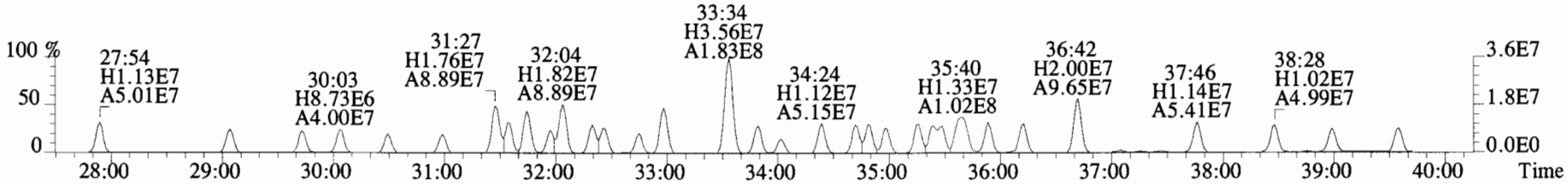
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11584.0,0.00%,F,F)



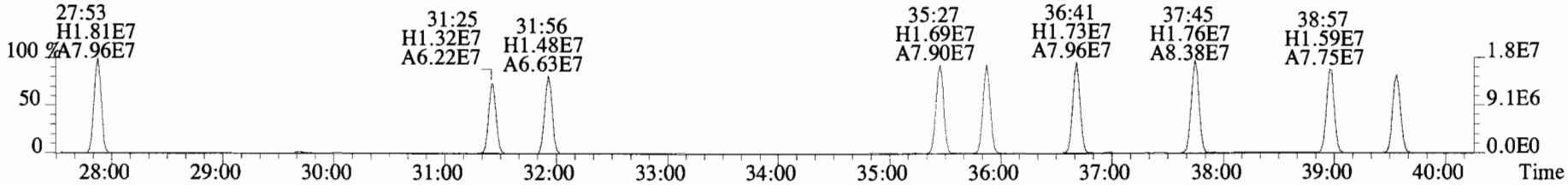
File:180302E1 #1-756 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20468.0,0.00%,F,F)



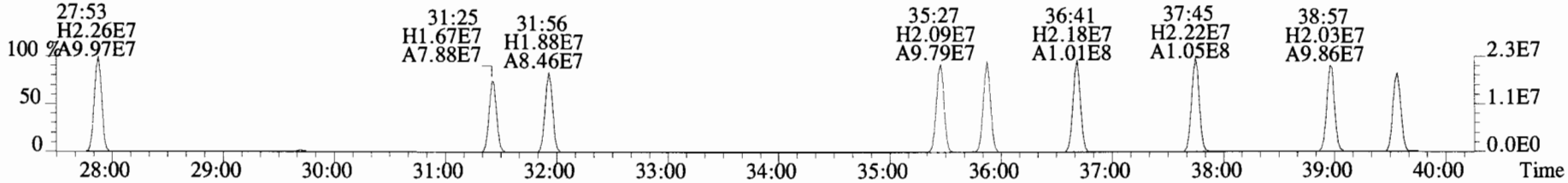
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28680.0,0.00%,F,F)



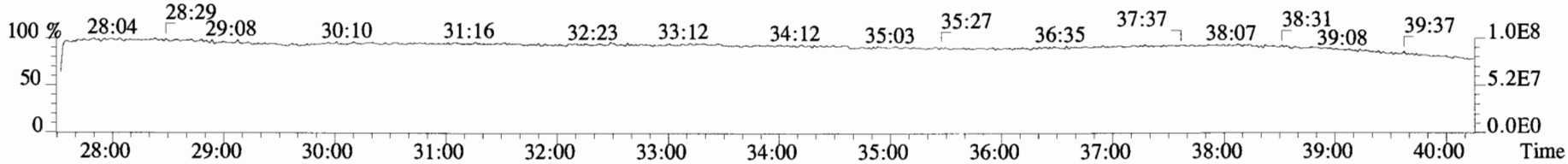
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,56720.0,0.00%,F,F)



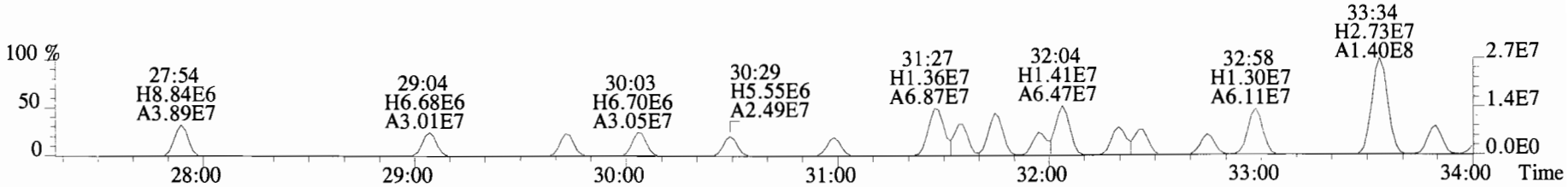
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,32260.0,0.00%,F,F)



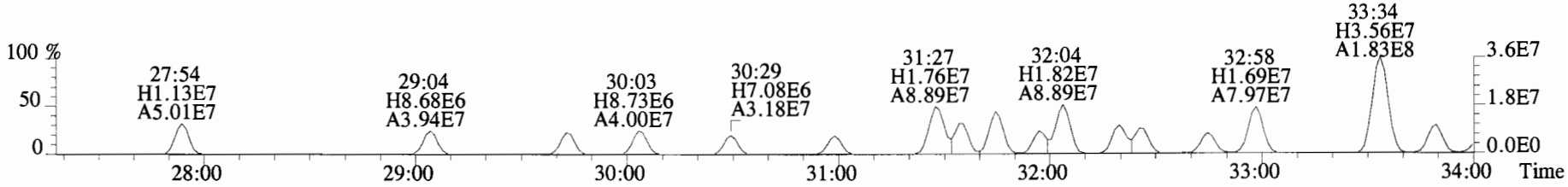
330.9792 F:3



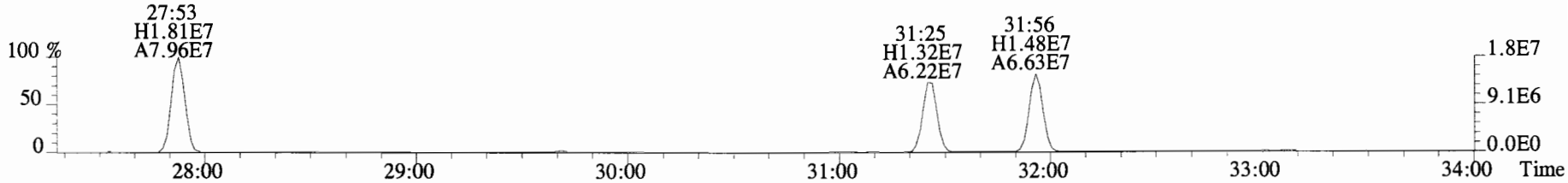
File:180302E1 #1-756 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20468.0,0.00%,F,F)



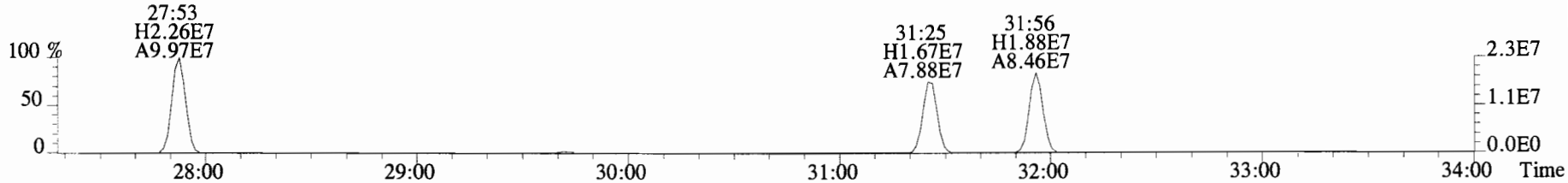
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28680.0,0.00%,F,F)



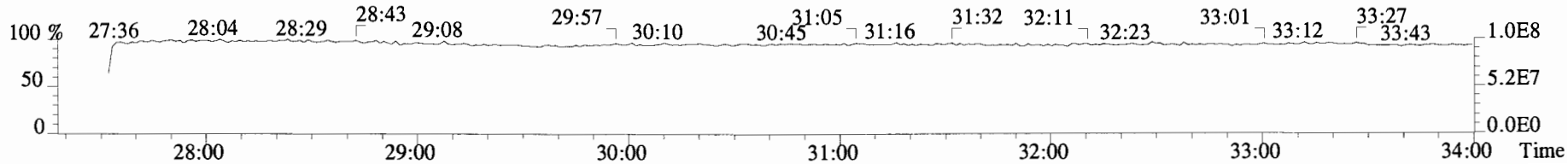
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,56720.0,0.00%,F,F)



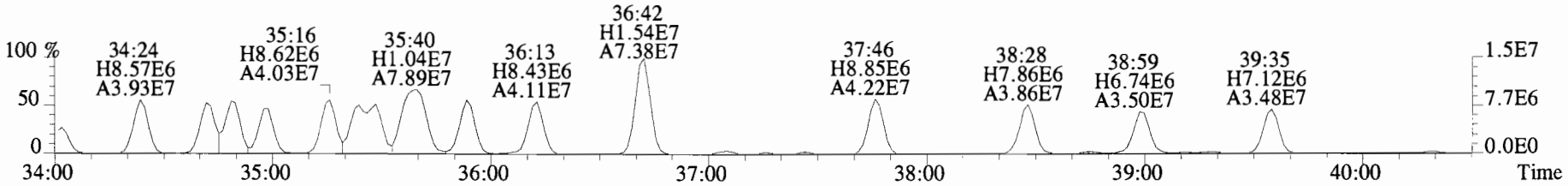
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,32260.0,0.00%,F,F)



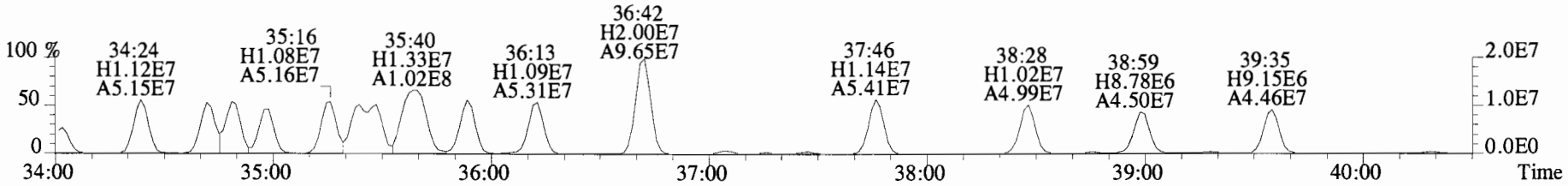
330.9792 F:3



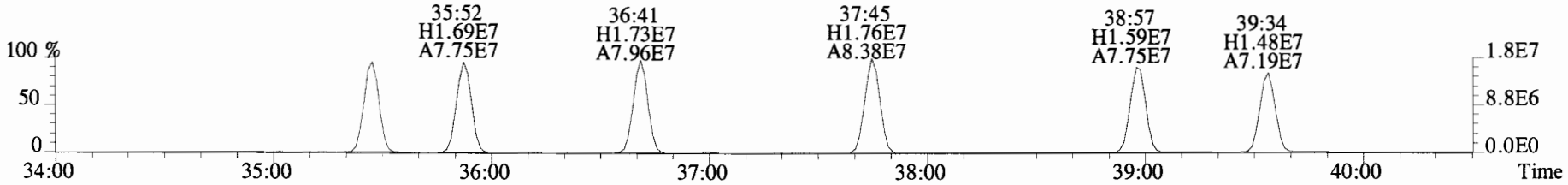
File:180302E1 #1-756 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20468.0,0.00%,F,F)



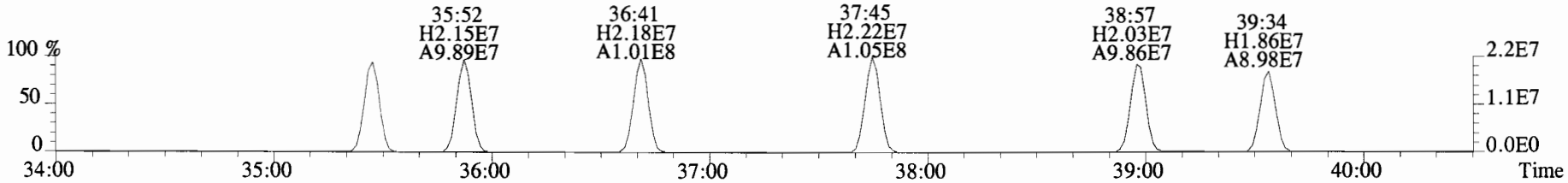
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28680.0,0.00%,F,F)



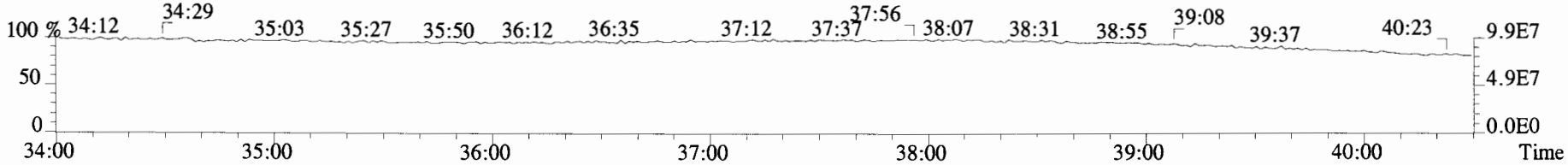
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,56720.0,0.00%,F,F)



303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,32260.0,0.00%,F,F)

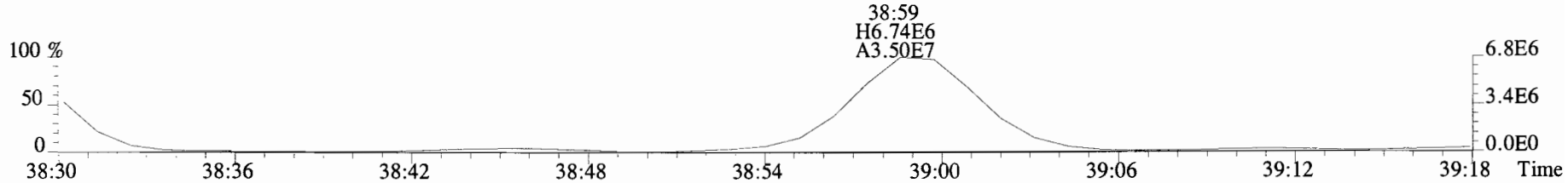


330.9792 F:3

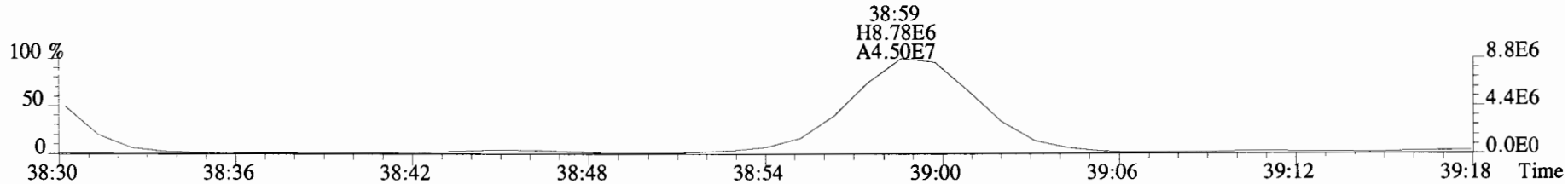


File:180302E1 #1-756 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1

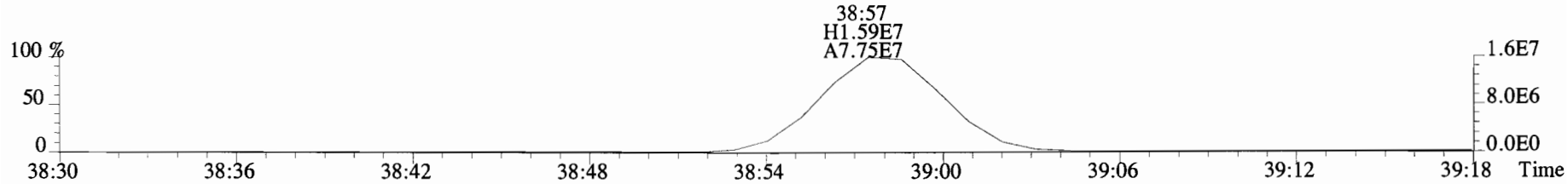
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20468.0,0.00%,F,F)



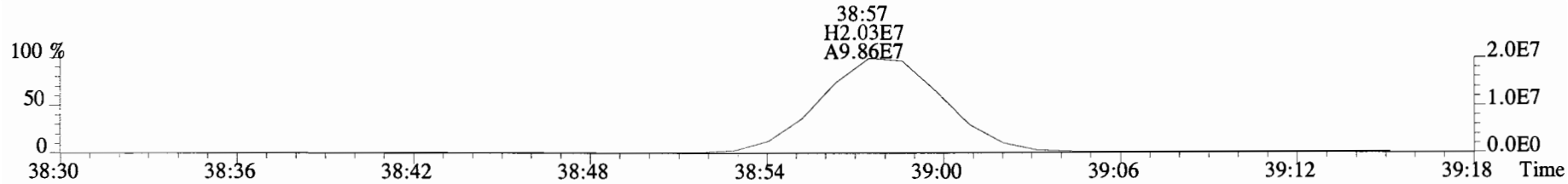
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28680.0,0.00%,F,F)



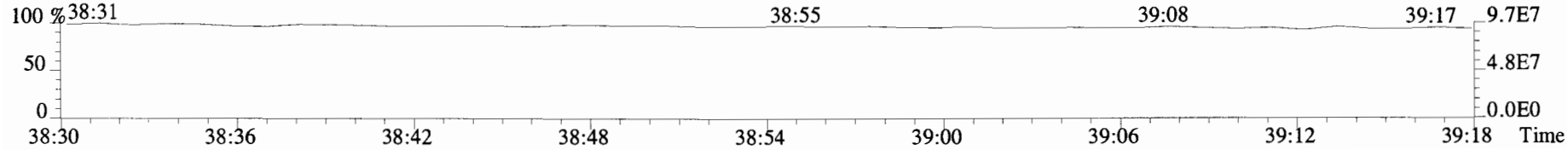
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,56720.0,0.00%,F,F)



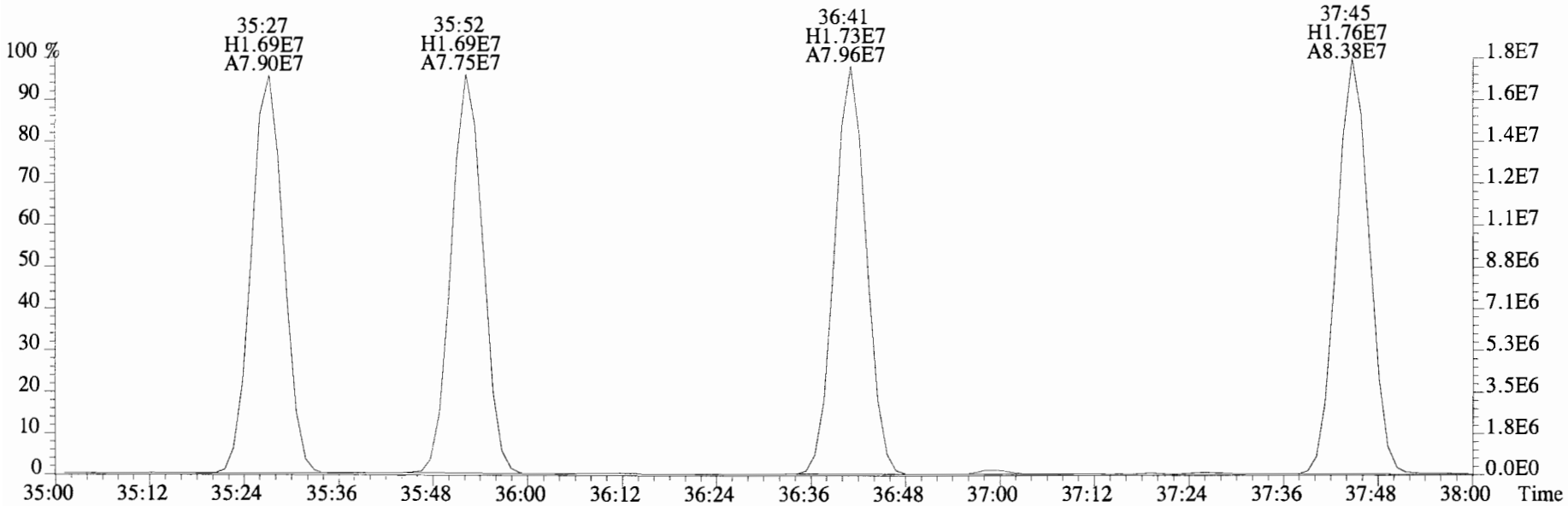
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,32260.0,0.00%,F,F)



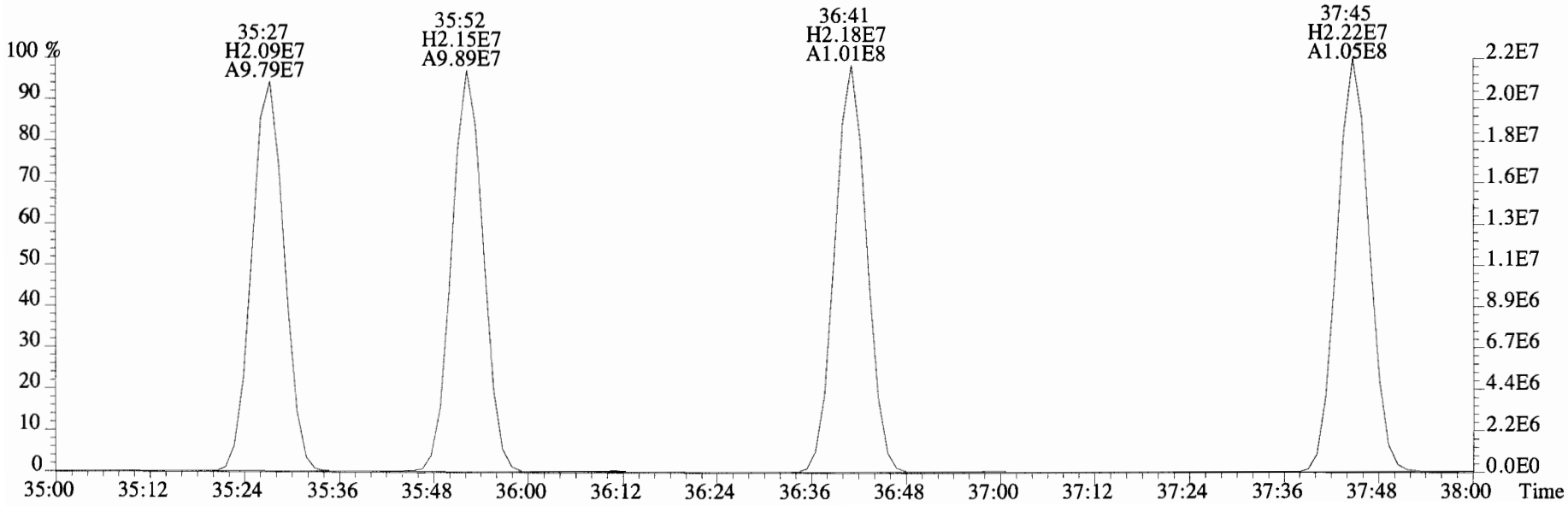
330.9792 F:3



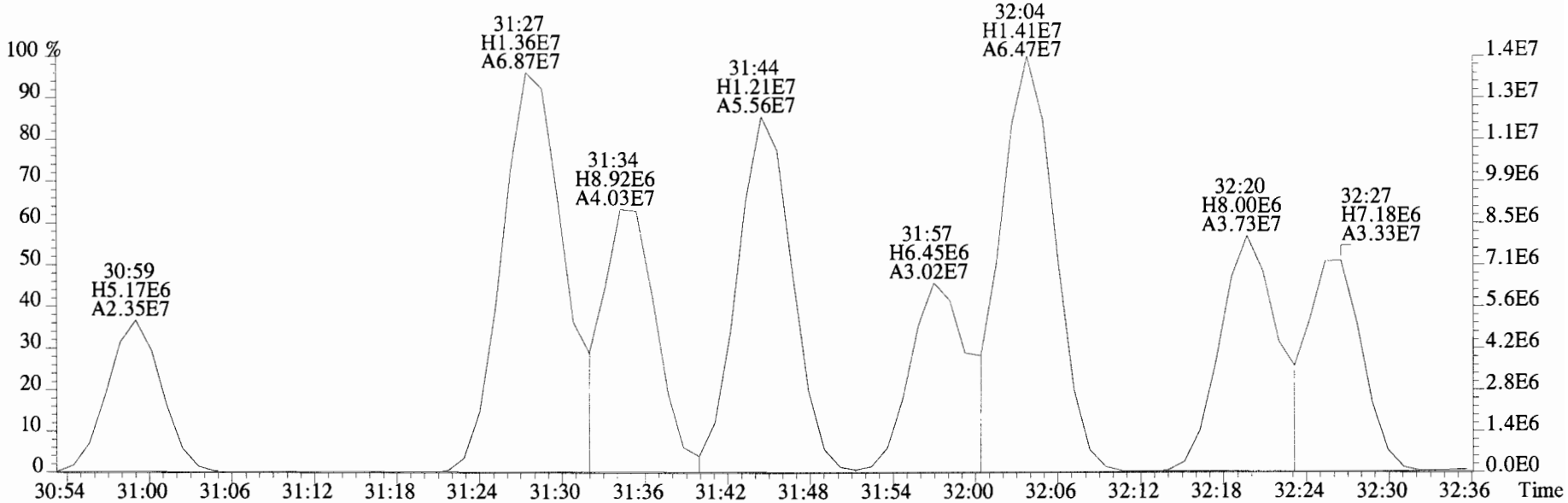
File:180302E1 #1-756 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,56720.0,0.00%,F,F)



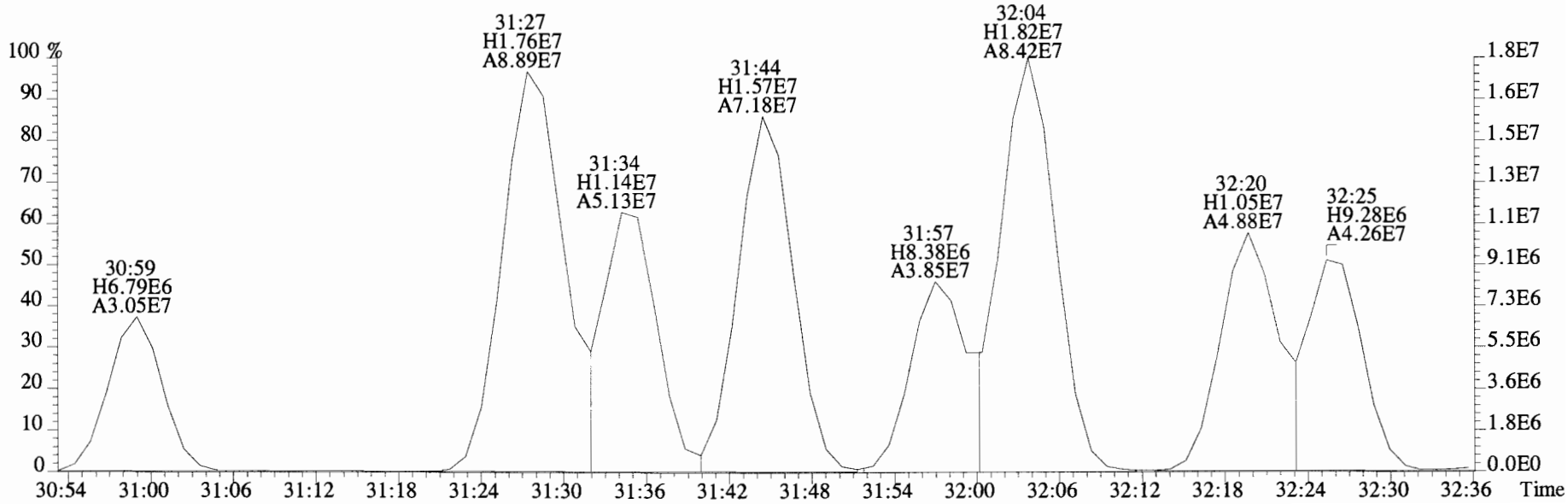
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,32260.0,0.00%,F,F)



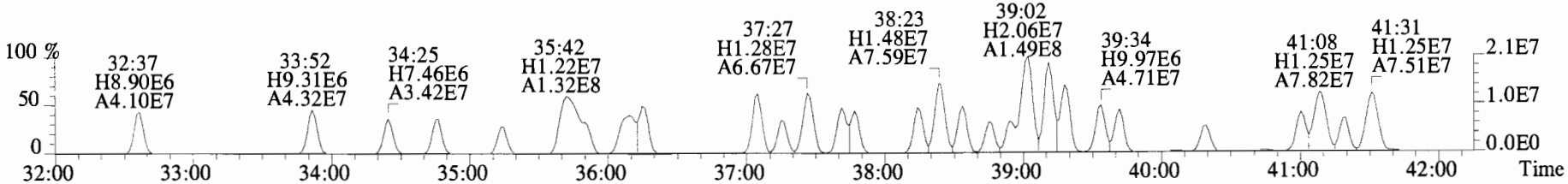
File:180302E1 #1-756 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20468.0,0.00%,F,F)



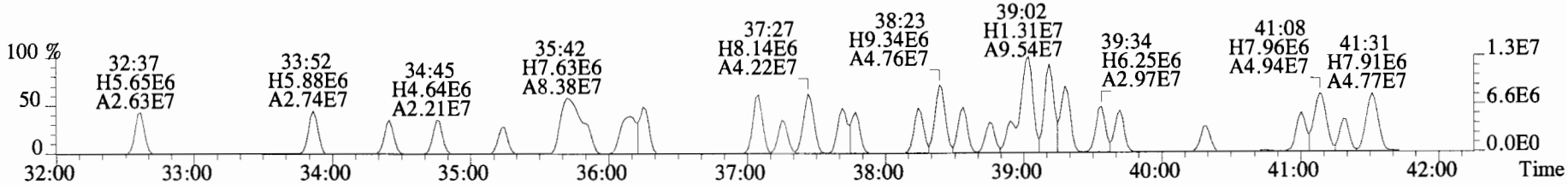
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28680.0,0.00%,F,F)



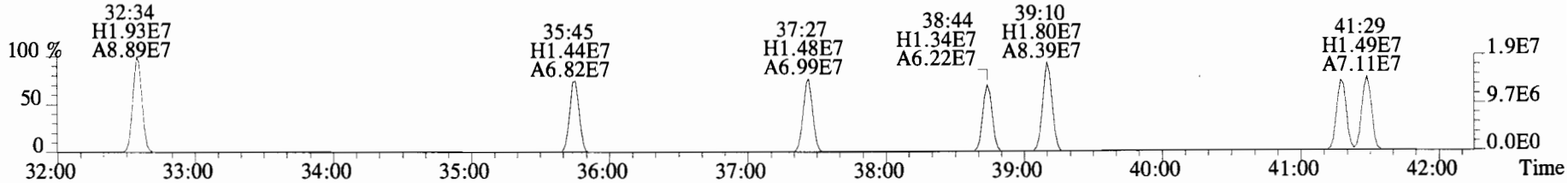
File:180302E1 #1-756 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2544.0,0.00%,F,F)



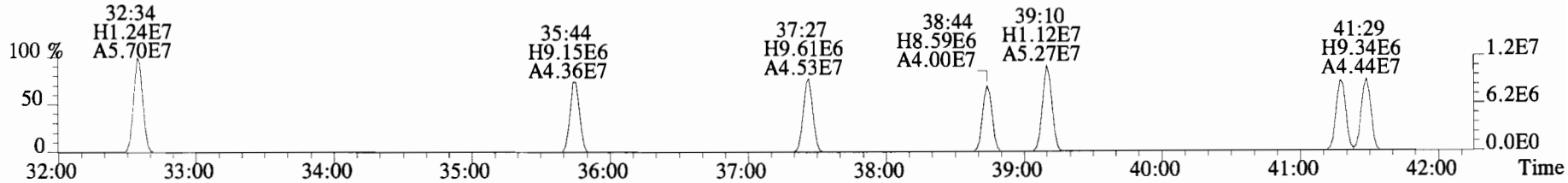
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3844.0,0.00%,F,F)



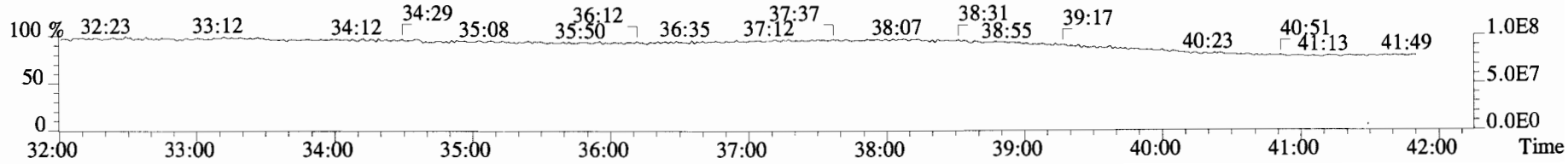
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5136.0,0.00%,F,F)



339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4136.0,0.00%,F,F)

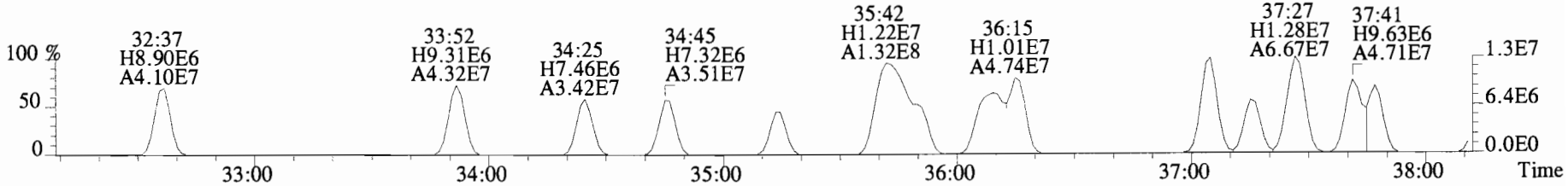


330.9792 F:3

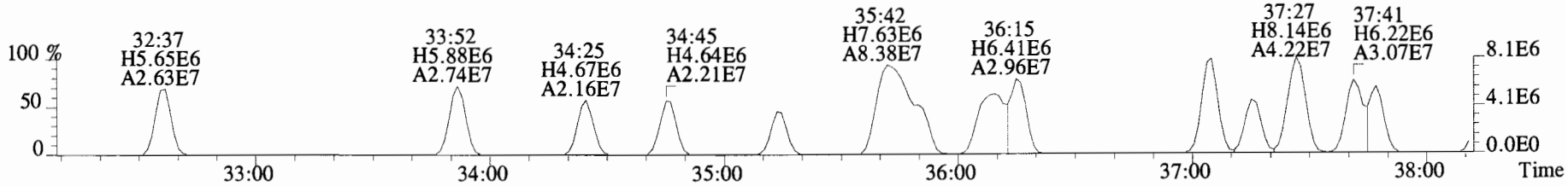


File:180302E1 #1-756 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1

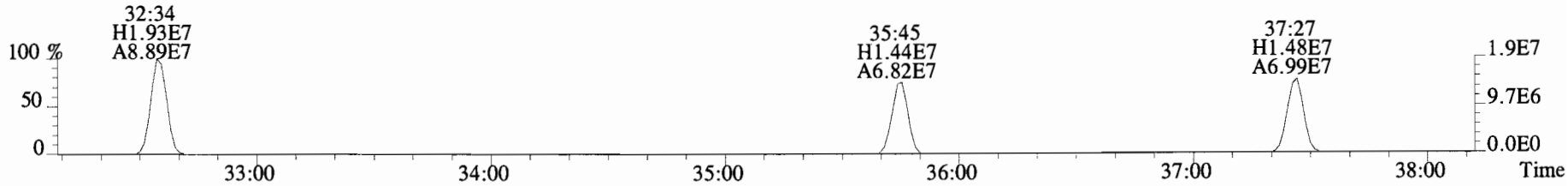
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2544.0,0.00%,F,F)



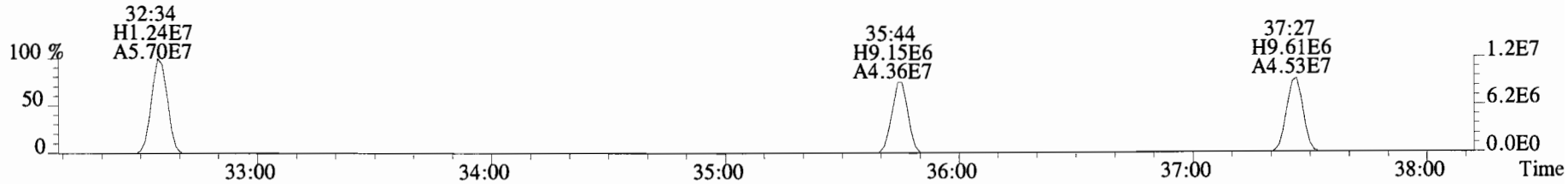
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3844.0,0.00%,F,F)



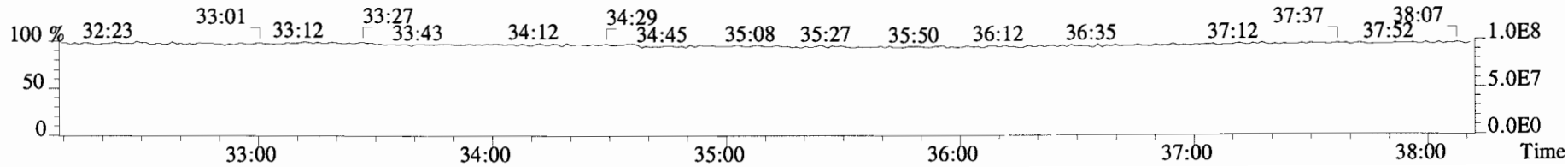
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5136.0,0.00%,F,F)



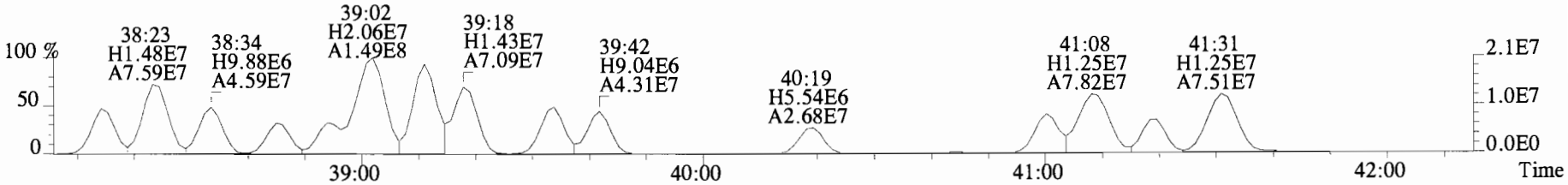
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4136.0,0.00%,F,F)



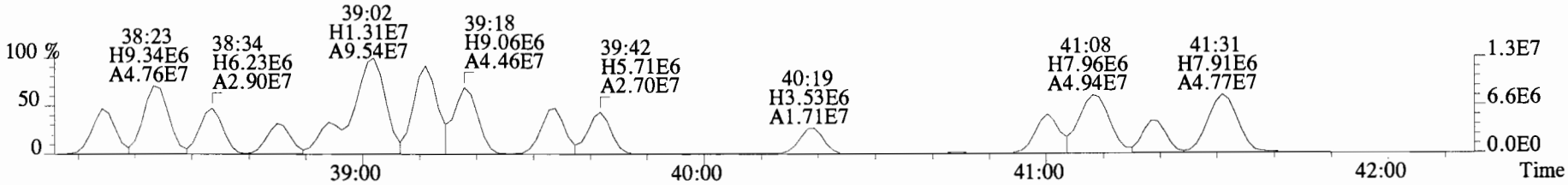
330.9792 F:3



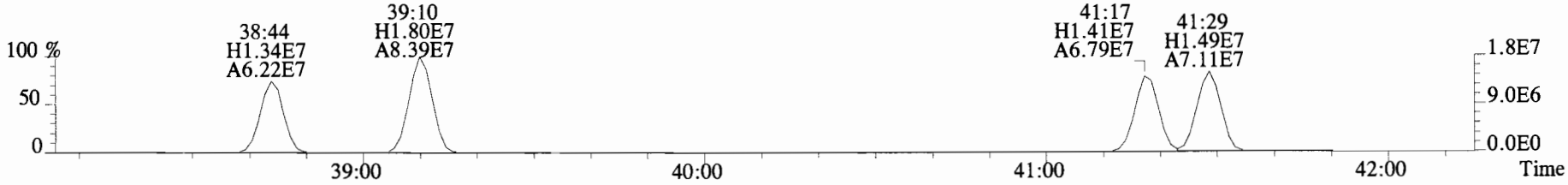
File:180302E1 #1-756 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2544.0,0.00%,F,F)



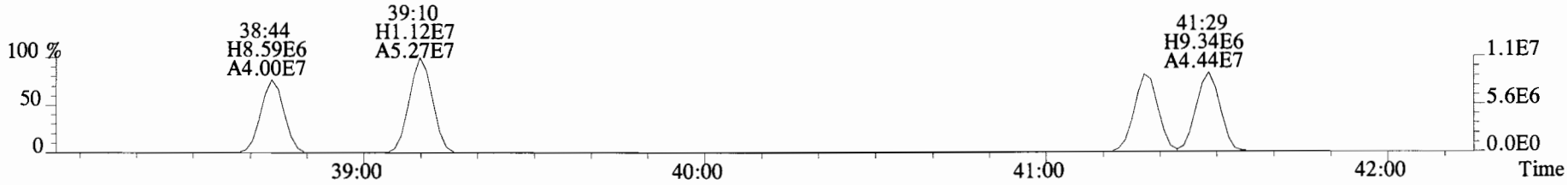
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3844.0,0.00%,F,F)



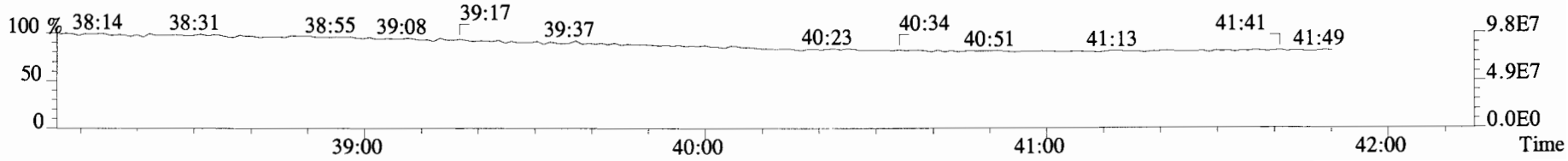
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5136.0,0.00%,F,F)



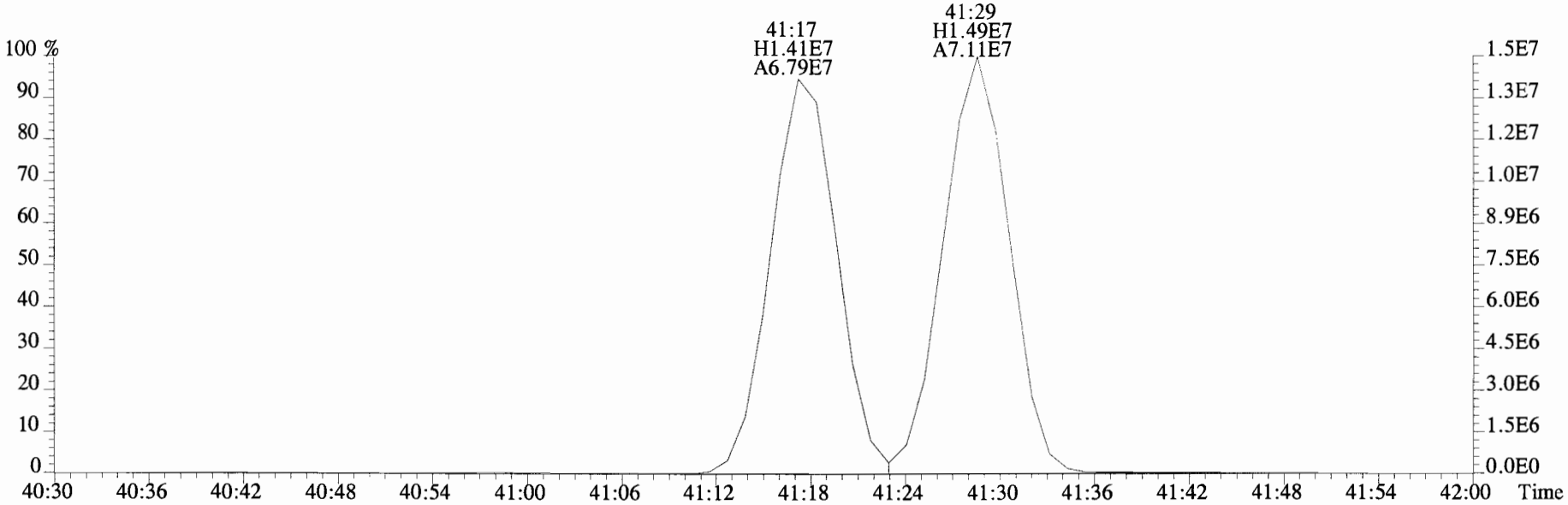
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4136.0,0.00%,F,F)



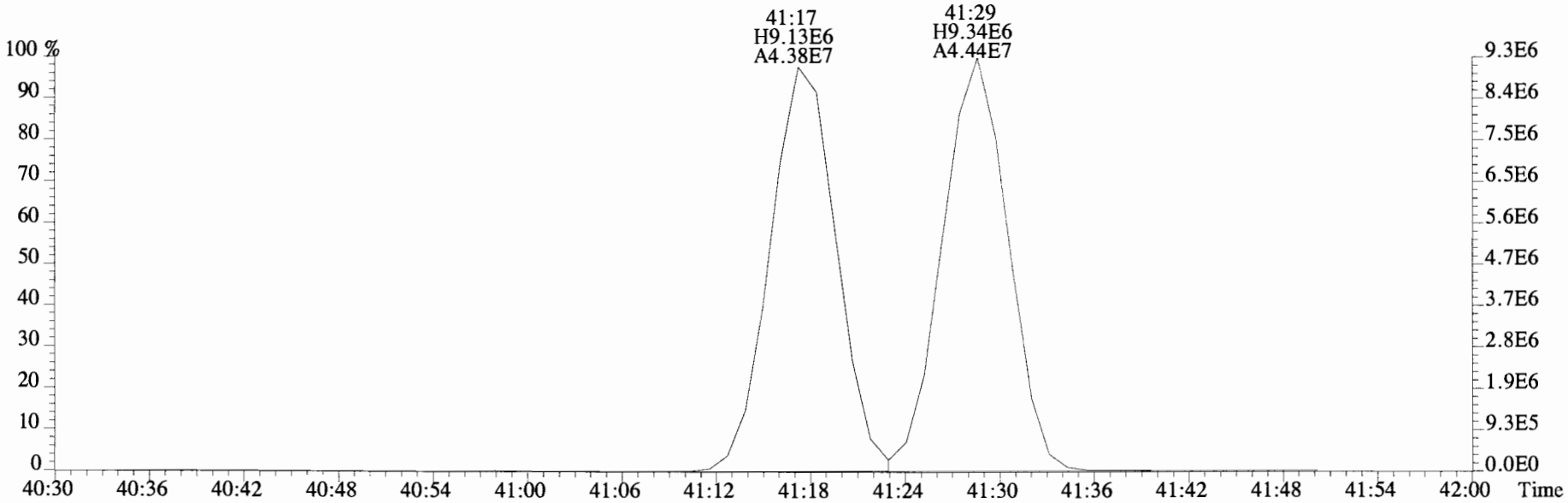
330.9792 F:3



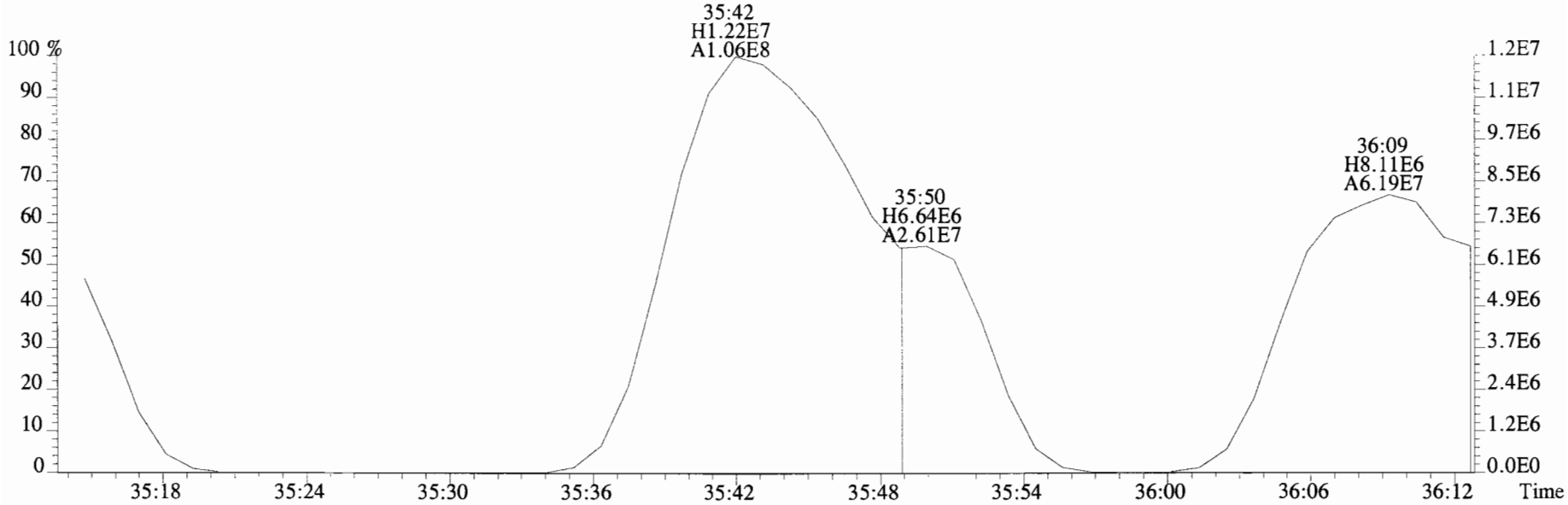
File:180302E1 #1-756 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5136.0,0.00%,F,F)



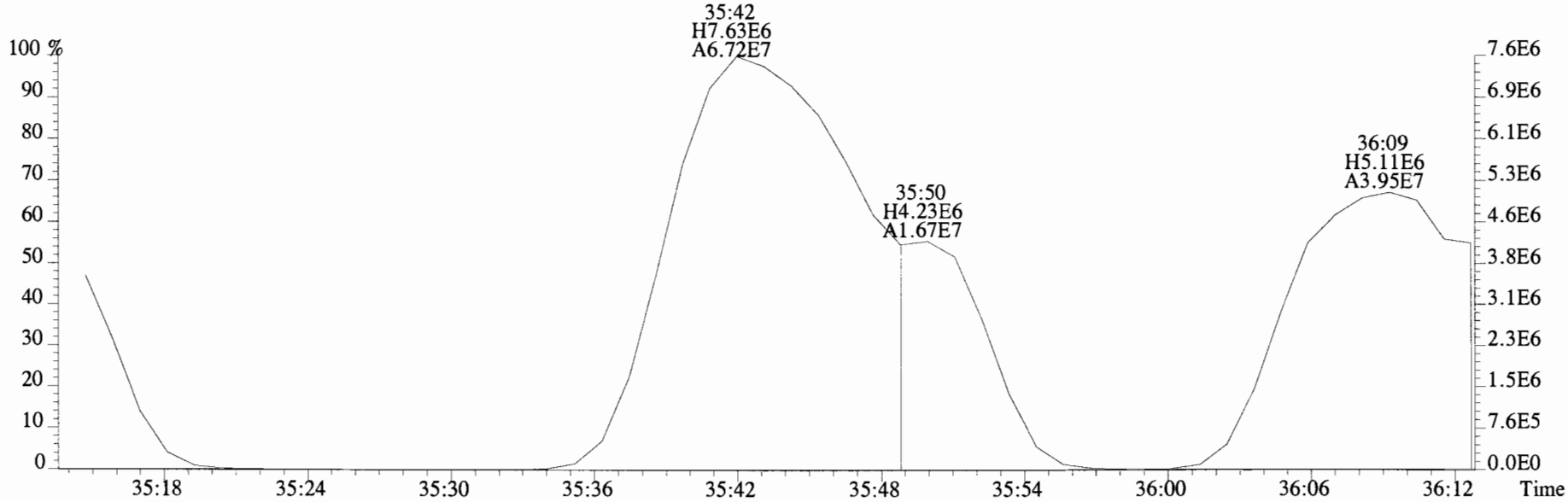
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4136.0,0.00%,F,F)



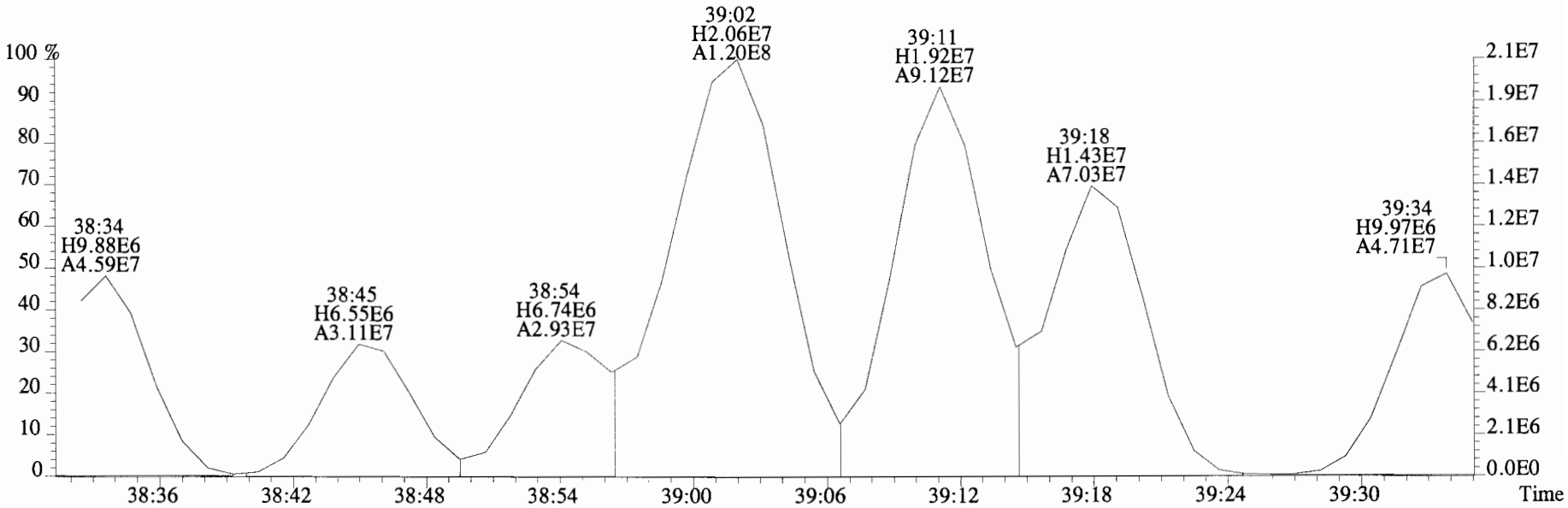
File:180302E1 #1-756 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2544.0,0.00%,F,F)



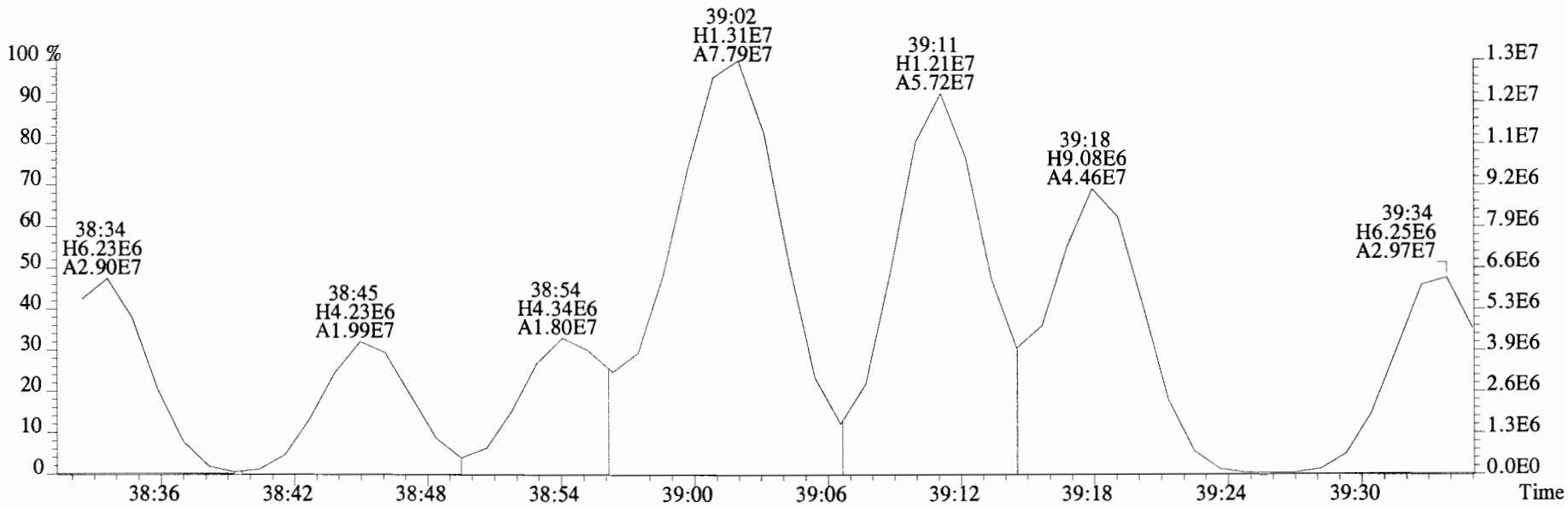
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3844.0,0.00%,F,F)



File:180302E1 #1-756 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2544.0,0.00%,F,F)

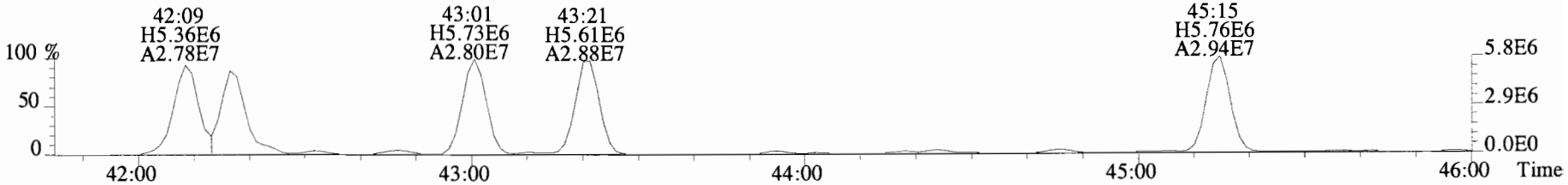


327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3844.0,0.00%,F,F)

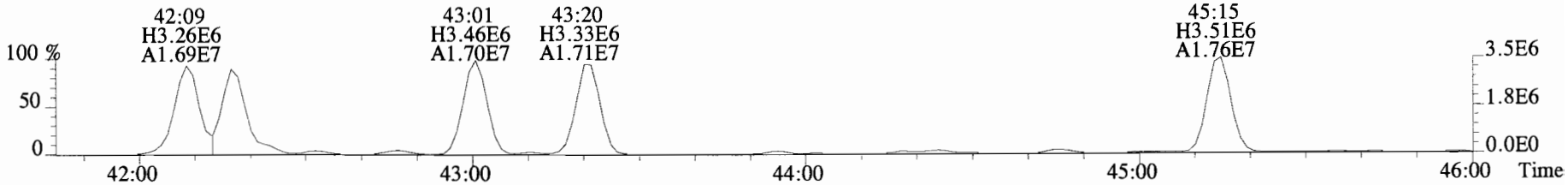


File:180302E1 #1-574 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1

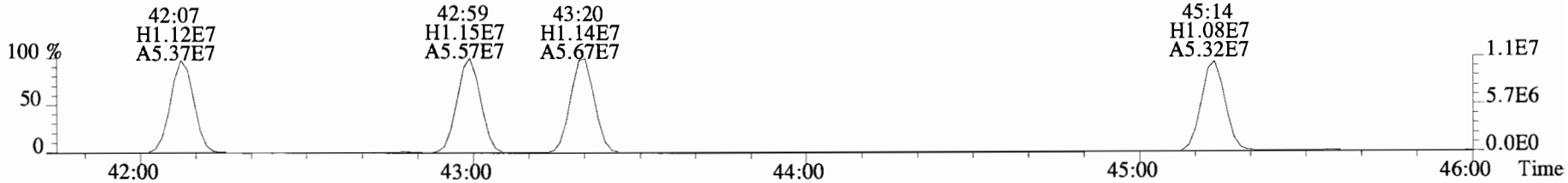
325.8804 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4732.0,0.00%,F,F)



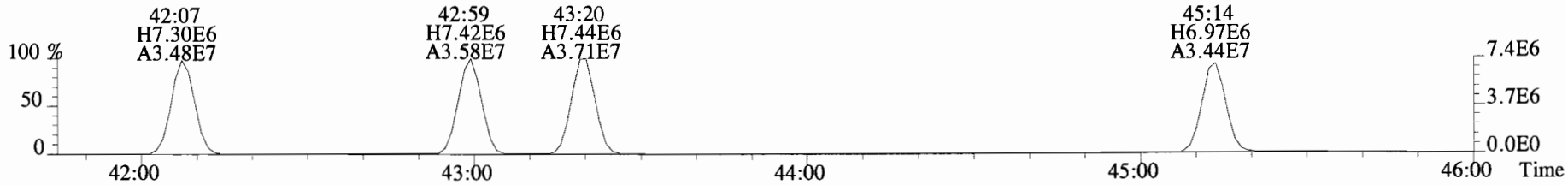
327.8775 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4712.0,0.00%,F,F)



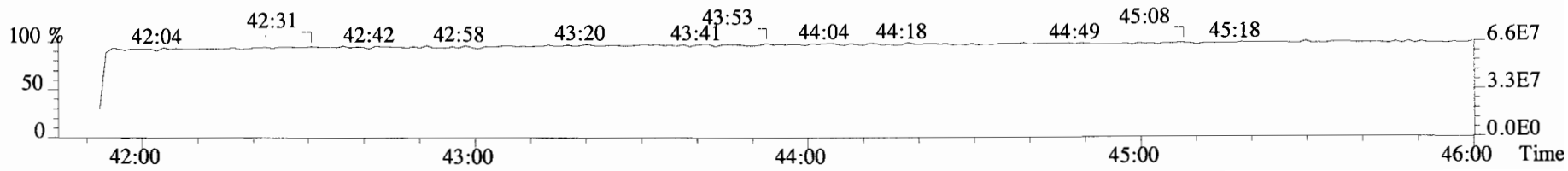
337.9207 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6680.0,0.00%,F,F)



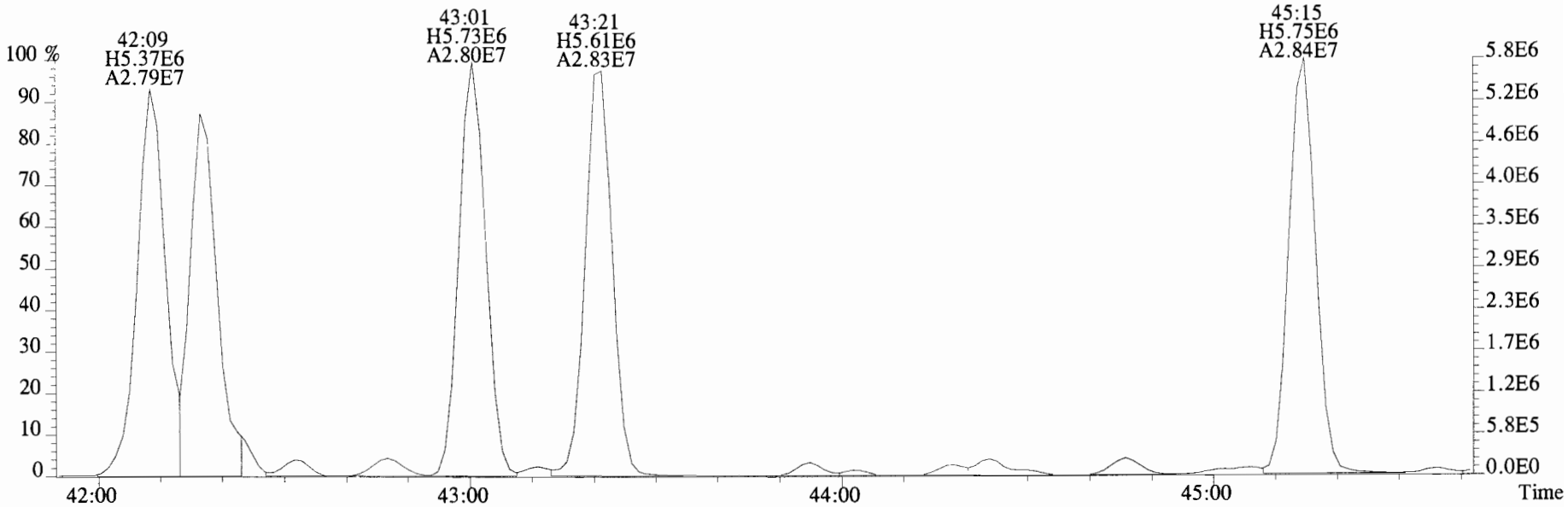
339.9177 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5068.0,0.00%,F,F)



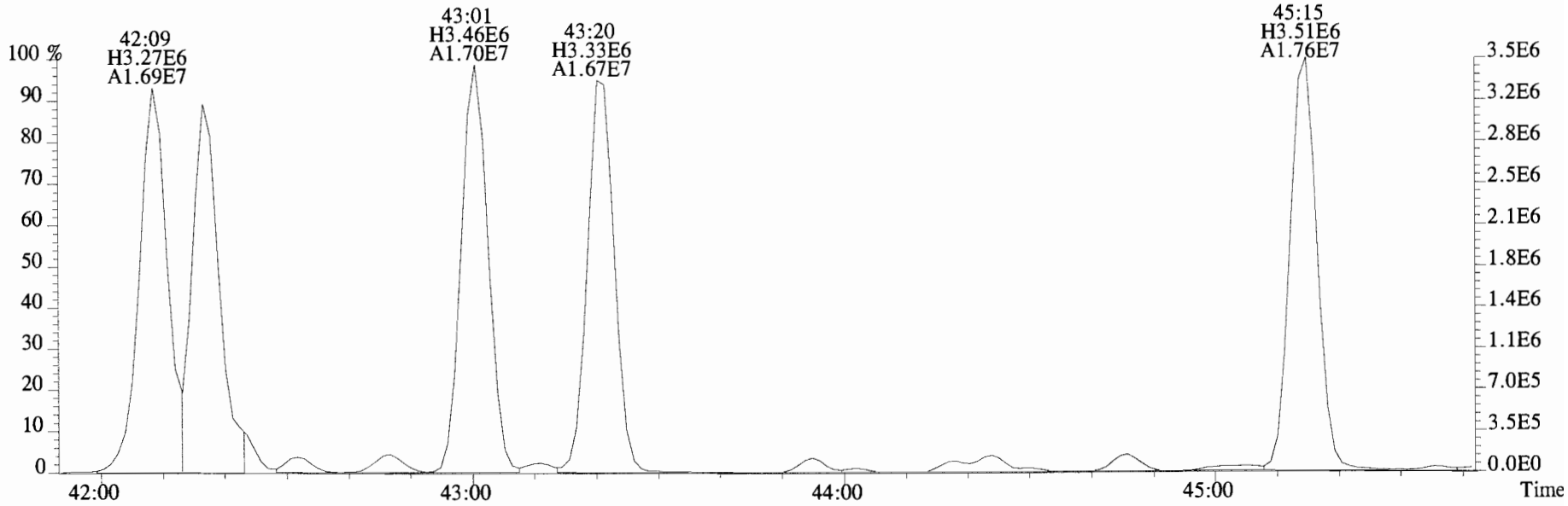
380.9760 F:4



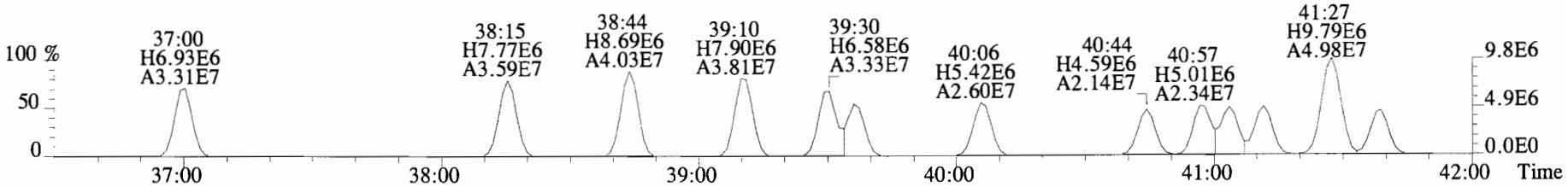
File:180302E1 #1-574 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4732.0,0.00%,F,F)



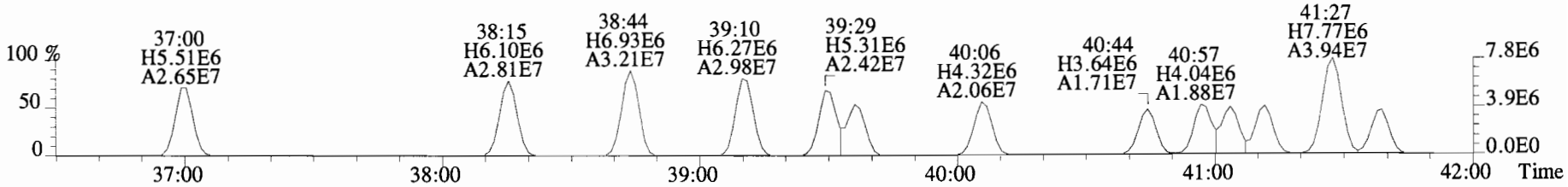
327.8775 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4712.0,0.00%,F,F)



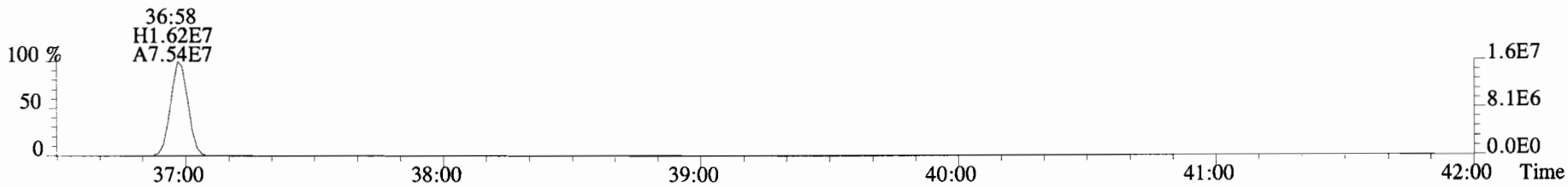
File:180302E1 #1-756 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1616.0,0.00%,F,F)



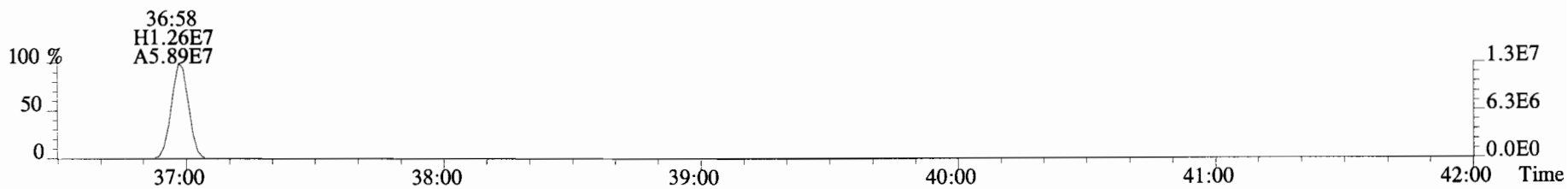
361.8385 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1592.0,0.00%,F,F)



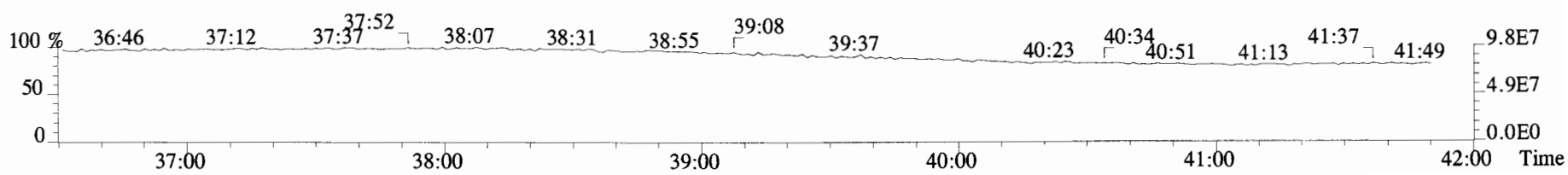
371.8817 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2060.0,0.00%,F,F)



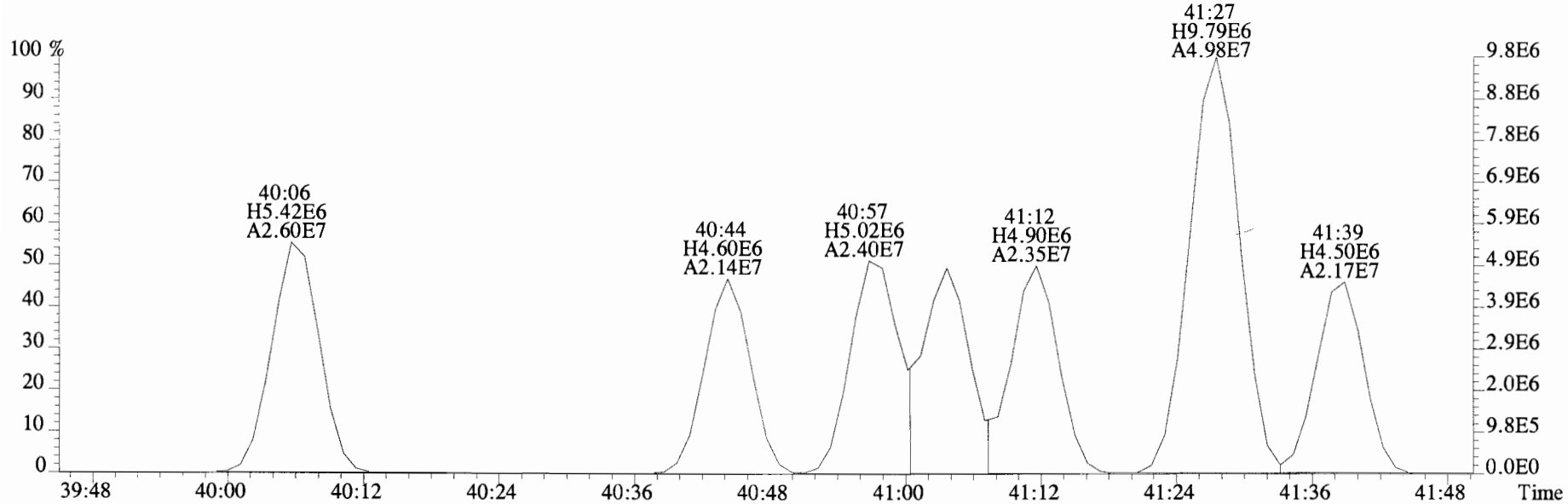
373.8788 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2268.0,0.00%,F,F)



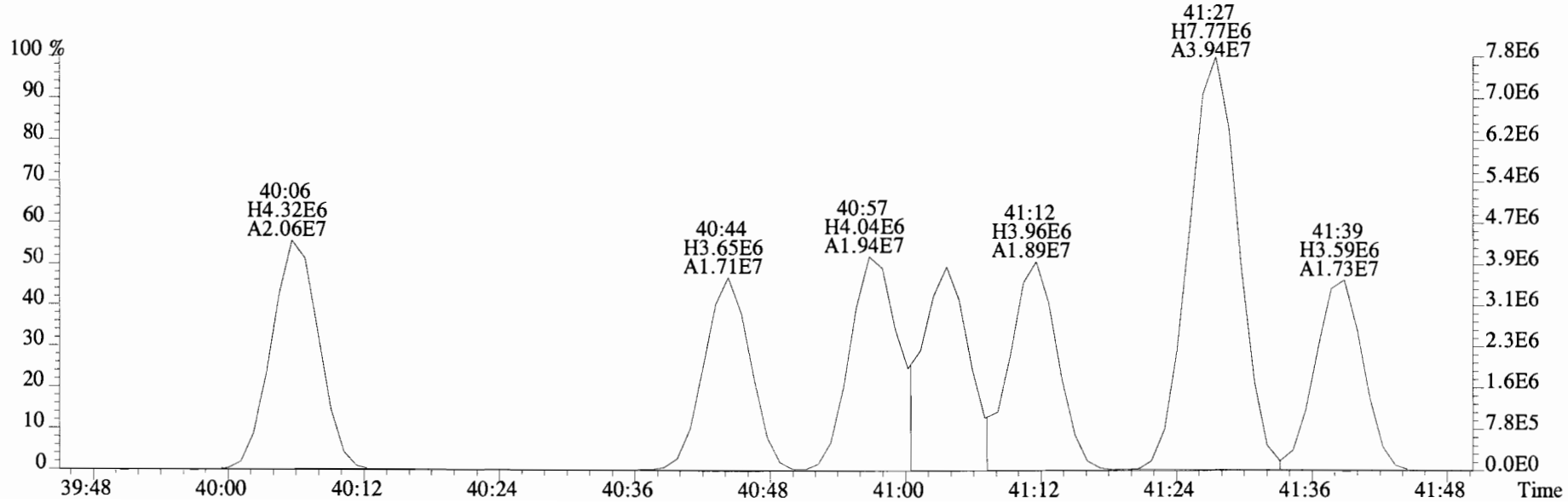
330.9792 F:3



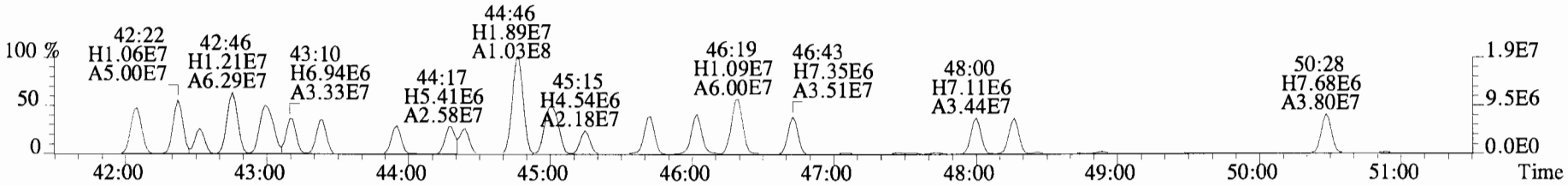
File:180302E1 #1-756 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 F:3 SMO(1,3) BSUB(10000,15,-3.0)



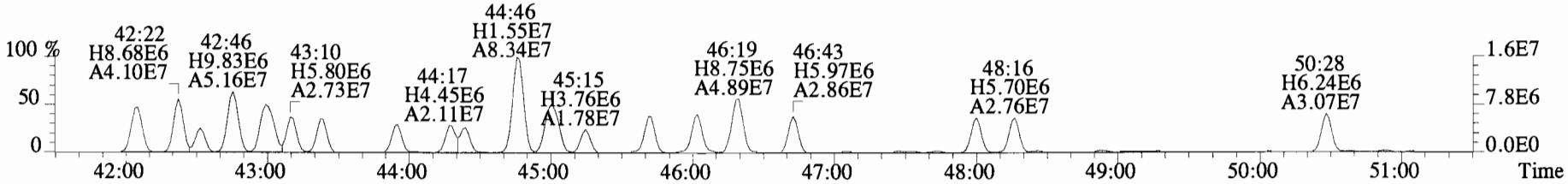
361.8385 F:3 SMO(1,3) BSUB(10000,15,-3.0)



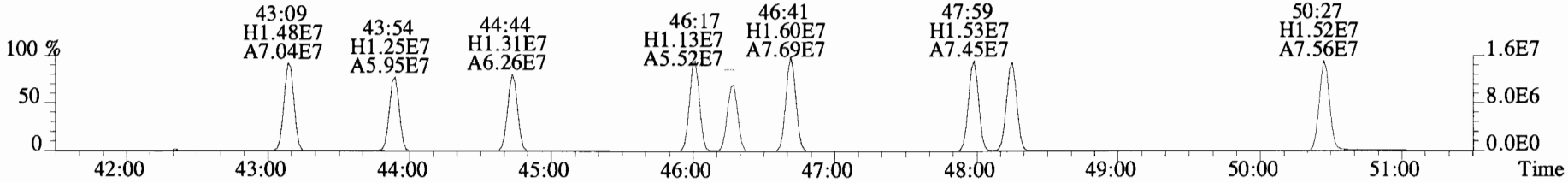
File:180302E1 #1-574 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25688.0,0.00%,F,F)



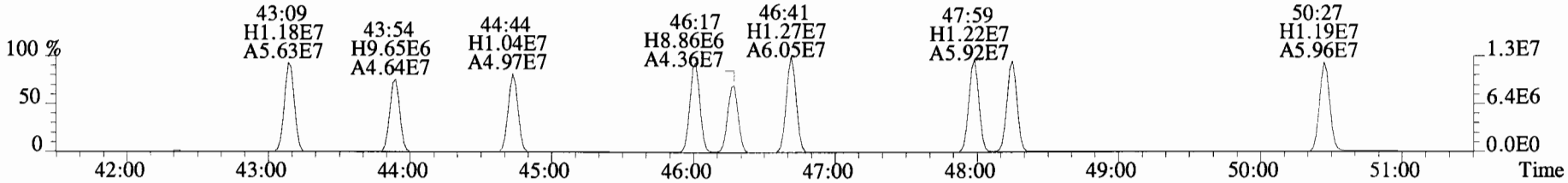
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24096.0,0.00%,F,F)



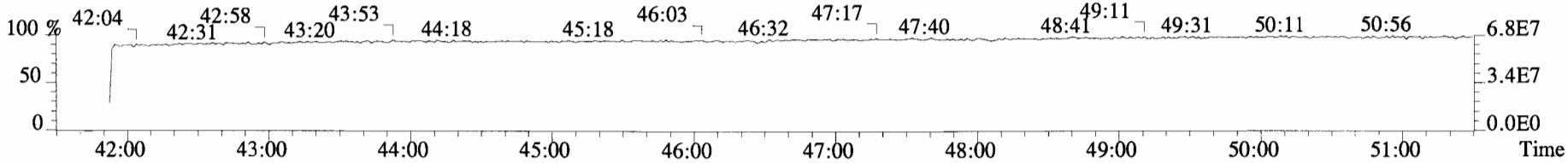
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12184.0,0.00%,F,F)



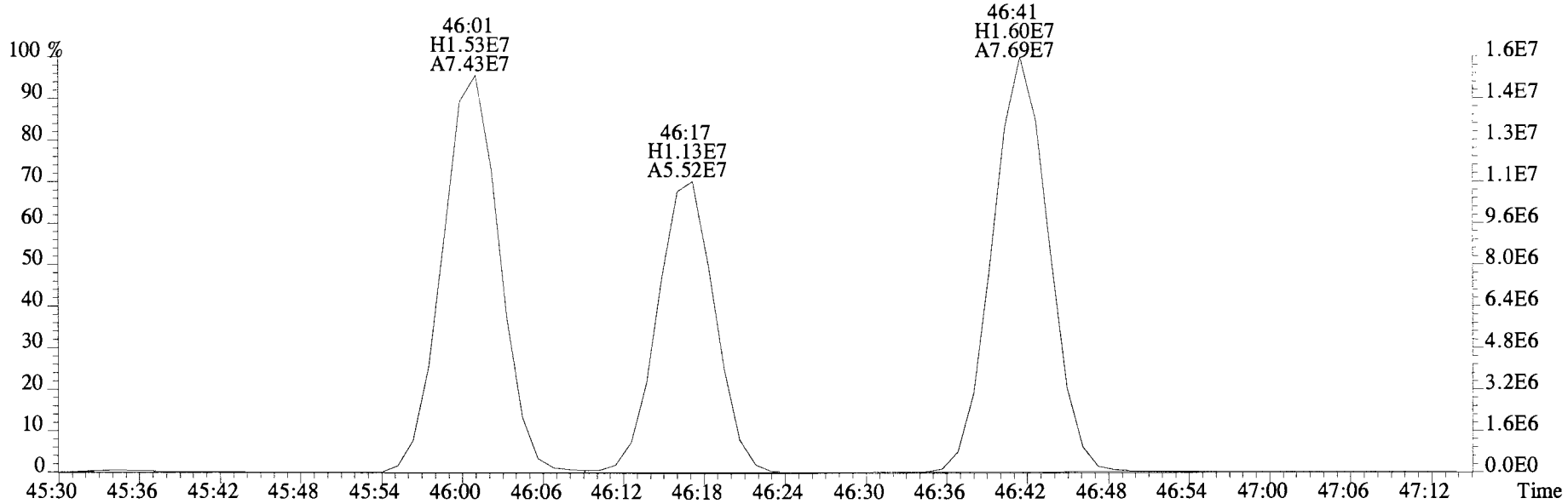
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11540.0,0.00%,F,F)



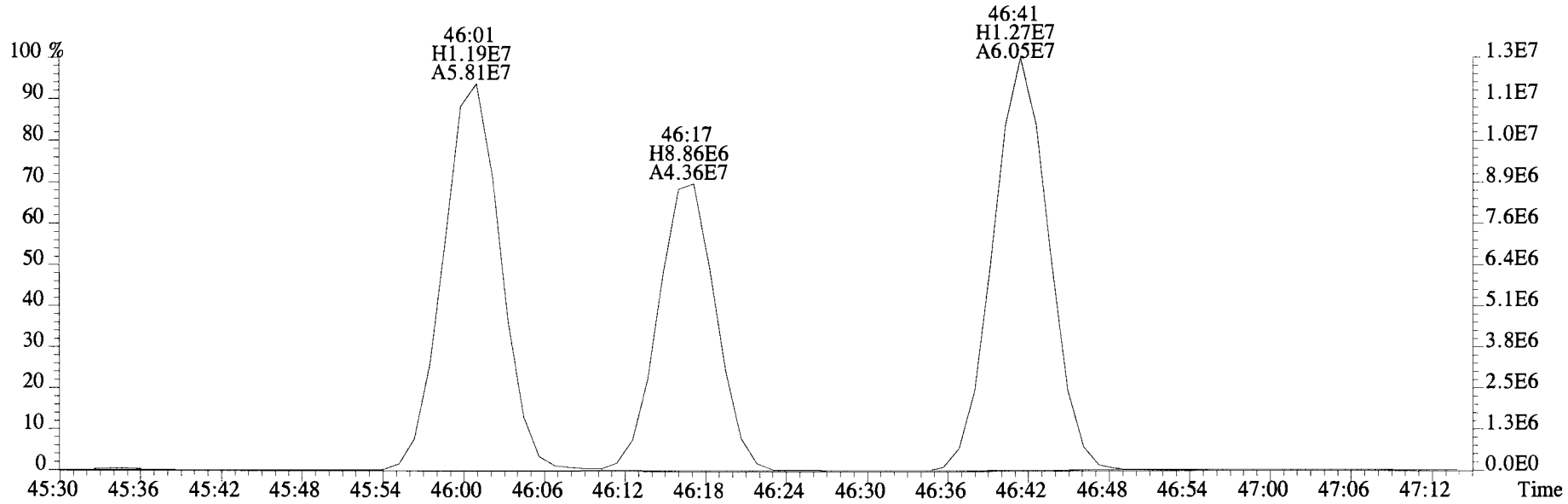
380.9760 F:4



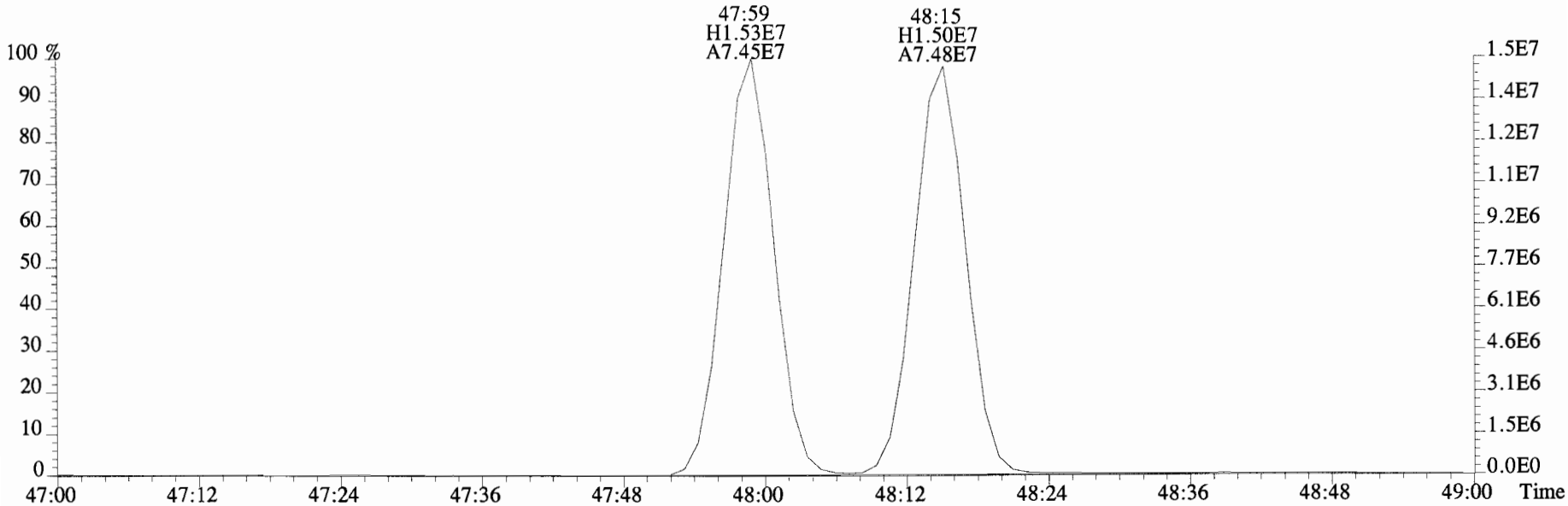
File:180302E1 #1-574 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12184.0,0.00%,F,F)



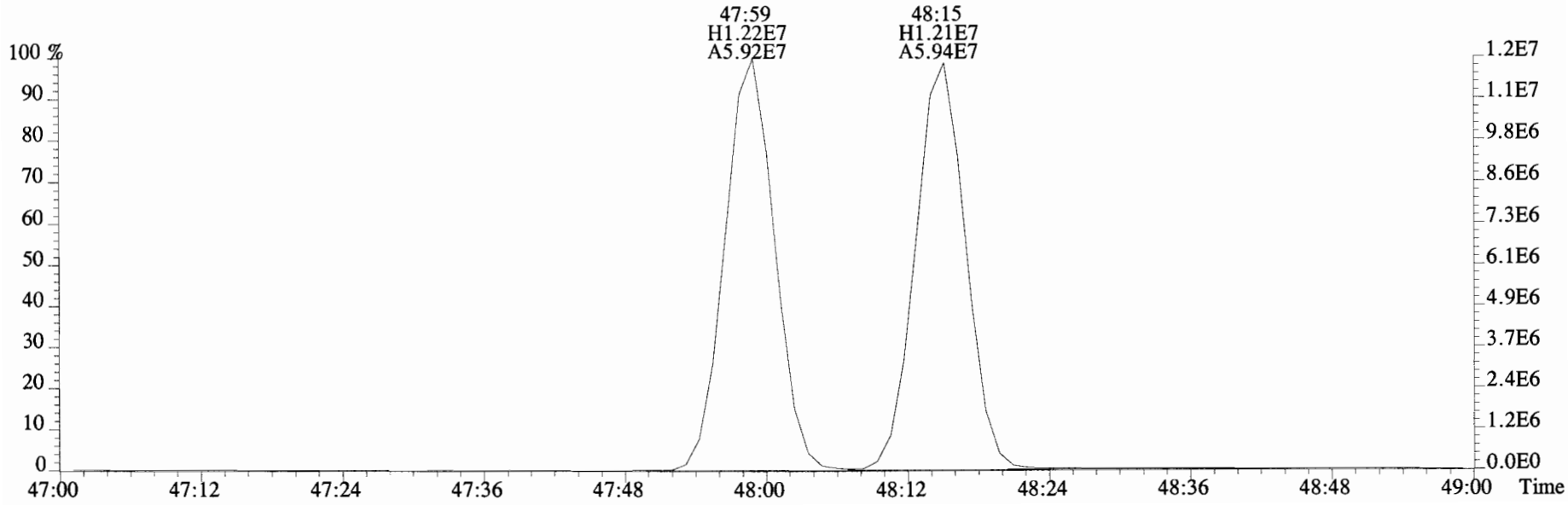
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11540.0,0.00%,F,F)



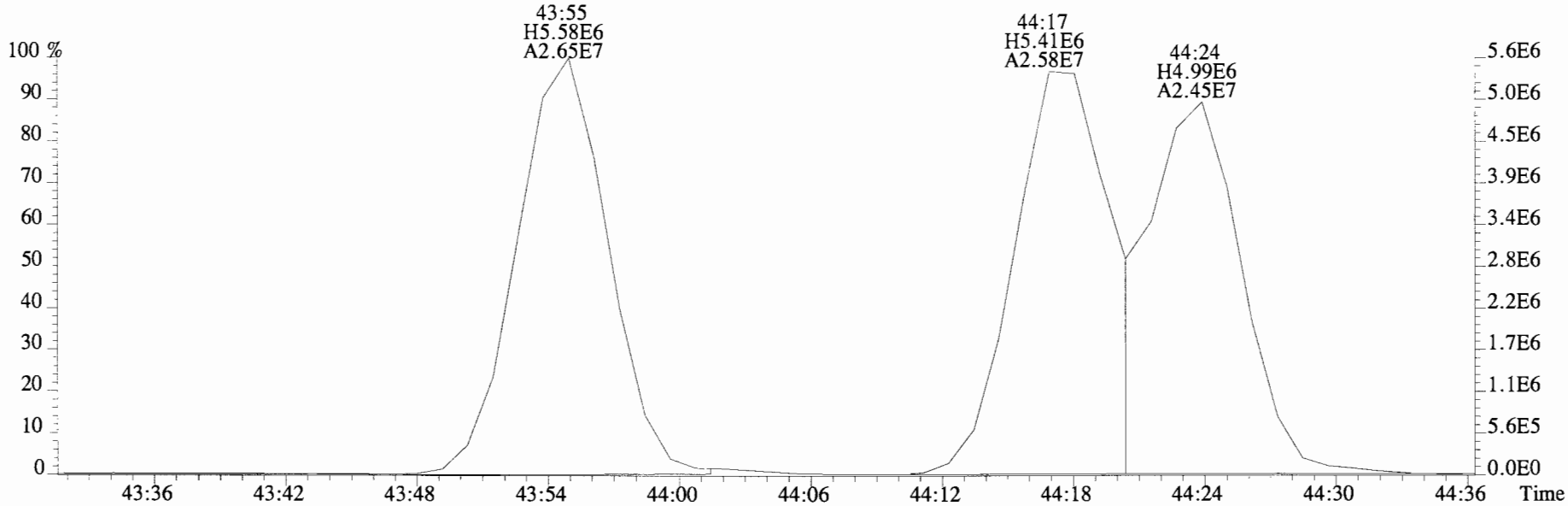
File:180302E1 #1-574 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12184.0,0.00%,F,F)



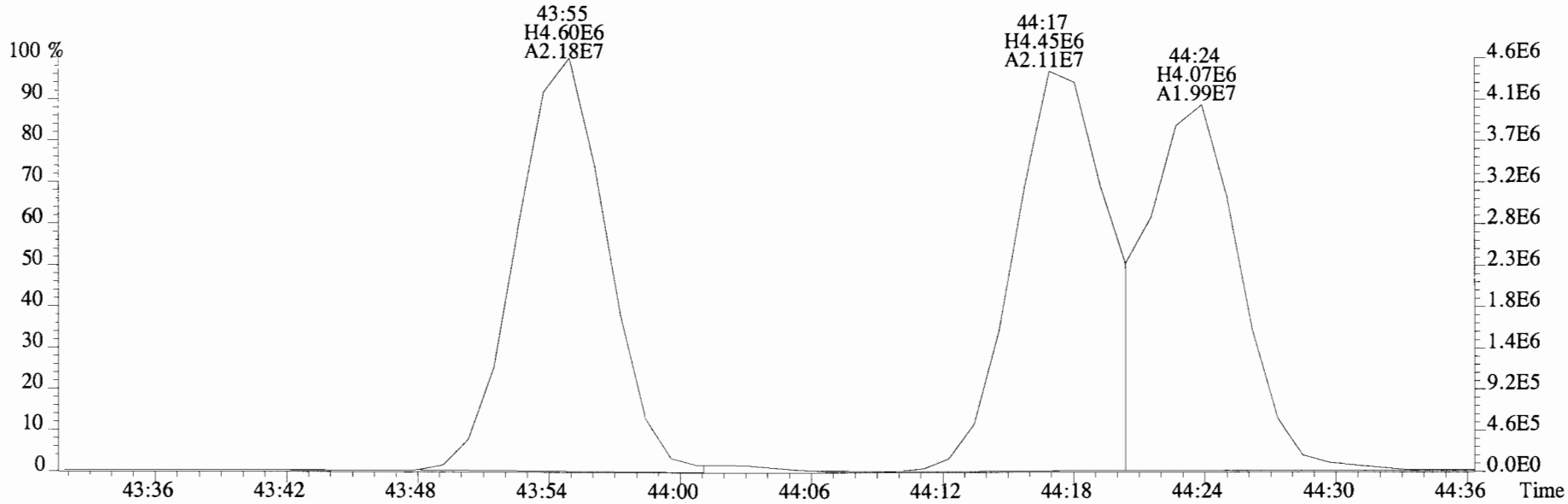
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11540.0,0.00%,F,F)



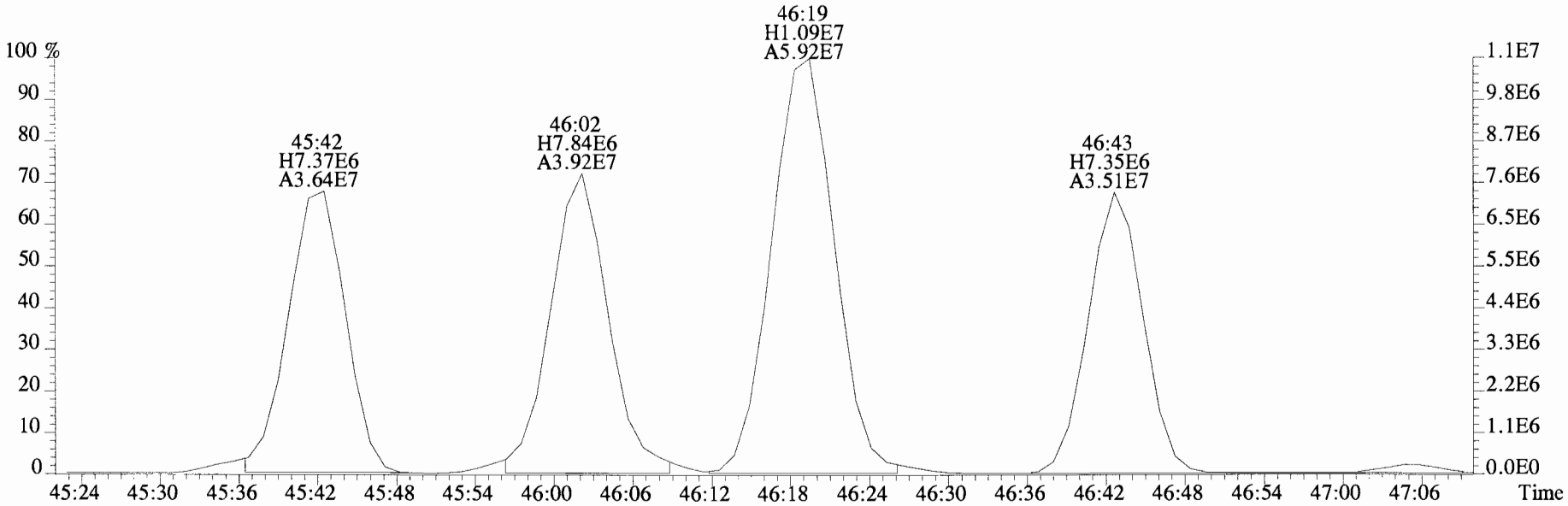
File:180302E1 #1-574 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25688.0,0.00%,F,F)



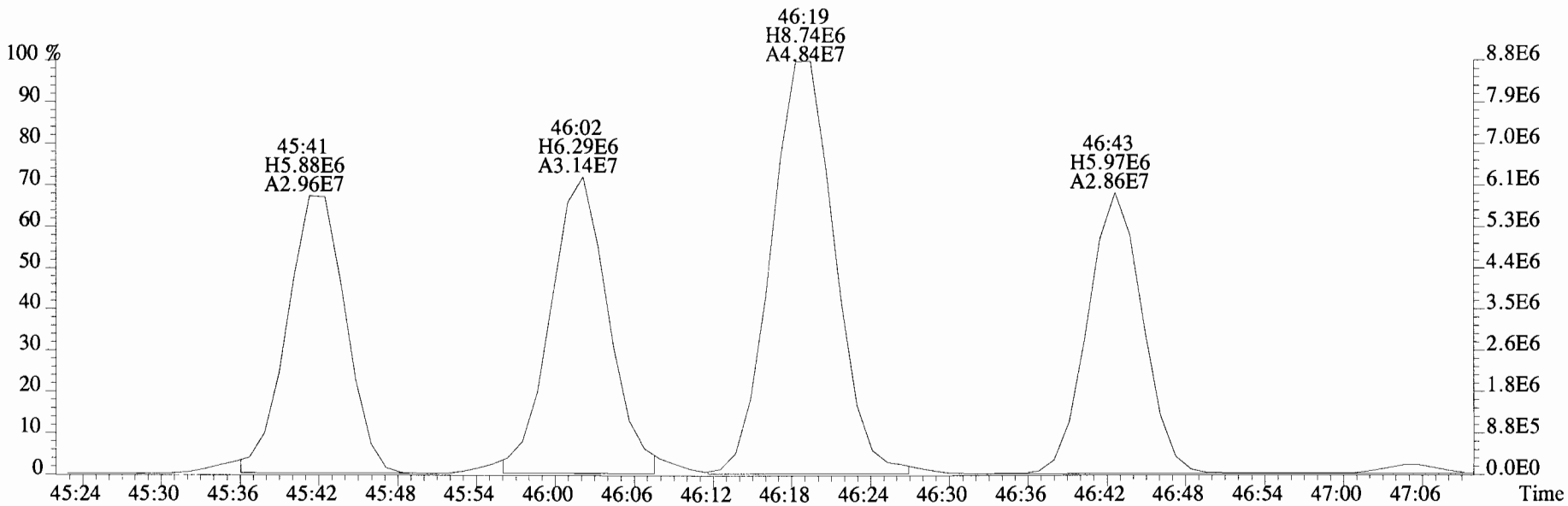
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24096.0,0.00%,F,F)



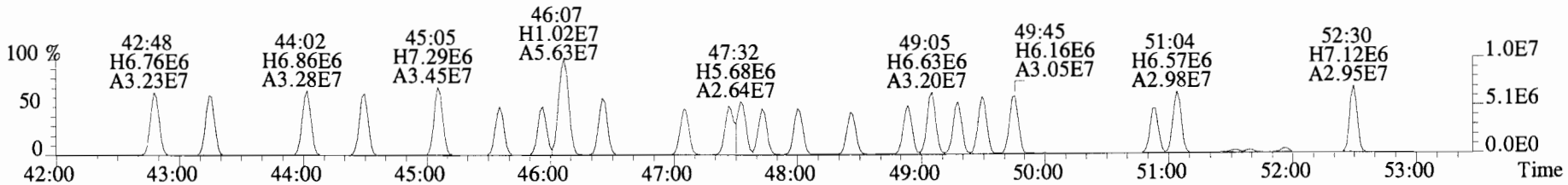
File:180302E1 #1-574 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25688.0,0.00%,F,F)



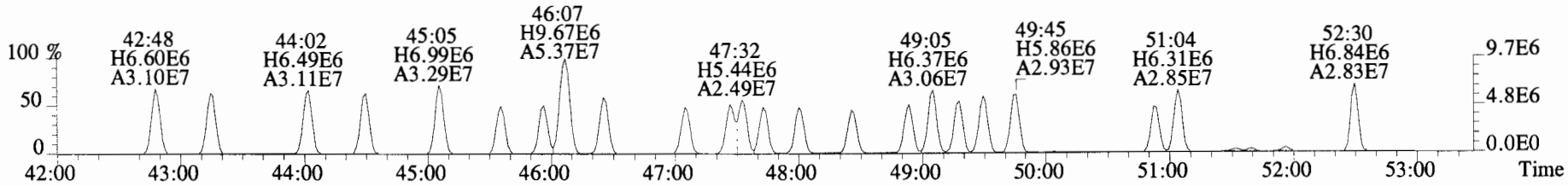
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24096.0,0.00%,F,F)



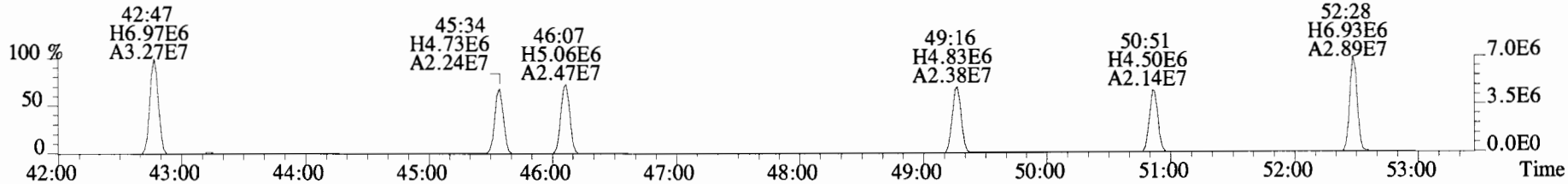
File:180302E1 #1-574 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
393.8025 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,31564.0,0.00%,F,F)



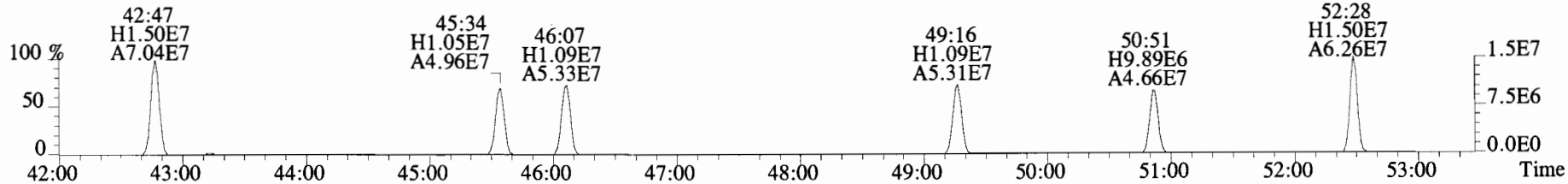
395.7995 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28828.0,0.00%,F,F)



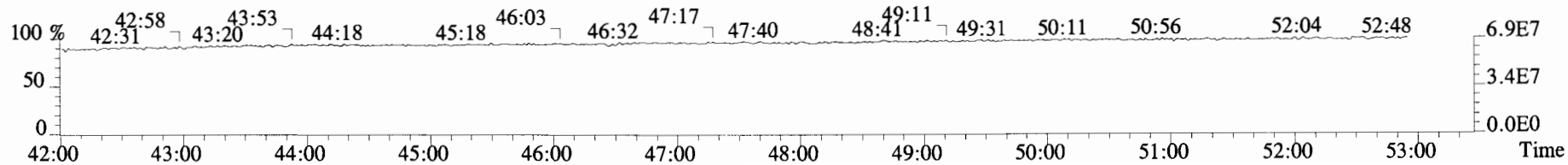
403.8457 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5636.0,0.00%,F,F)



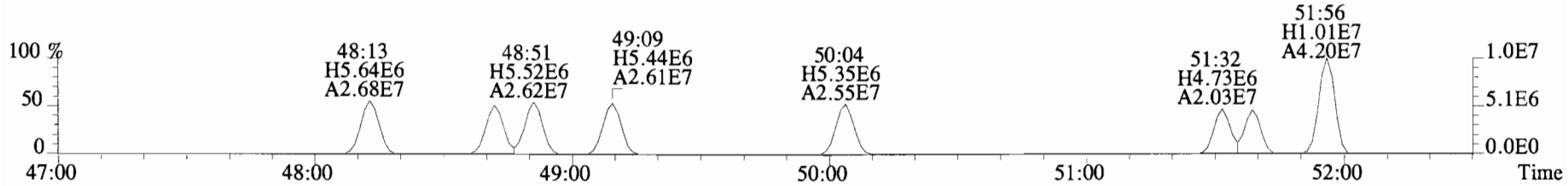
405.8428 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12476.0,0.00%,F,F)



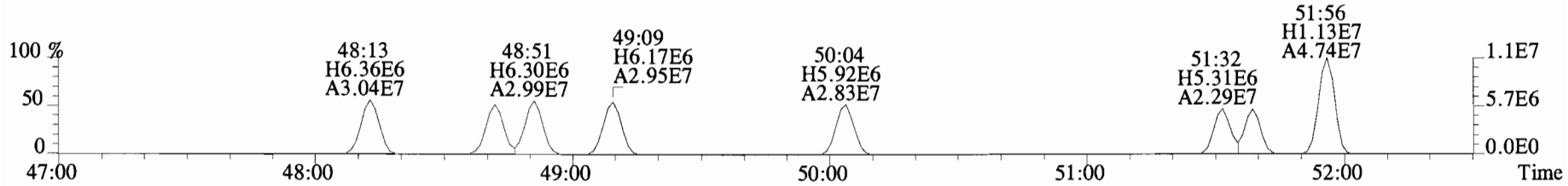
380.9760 F:4



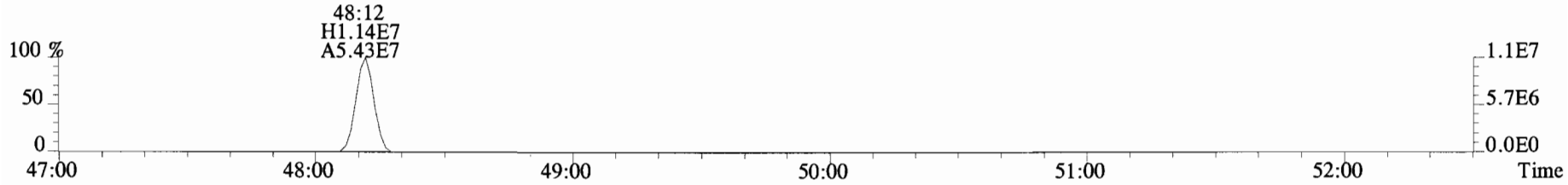
File:180302E1 #1-574 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
427.7635 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1356.0,0.00%,F,F)



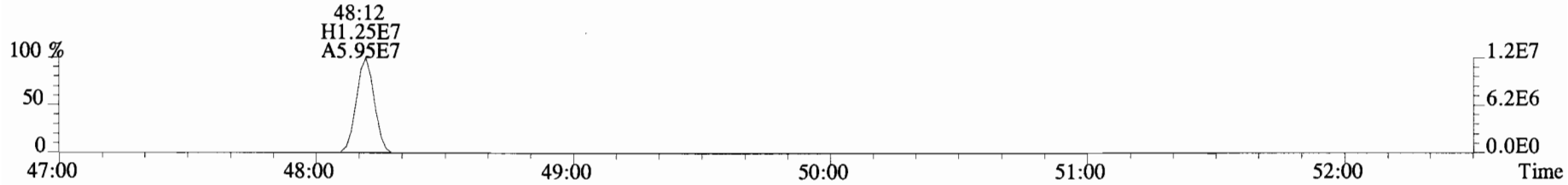
429.7606 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1508.0,0.00%,F,F)



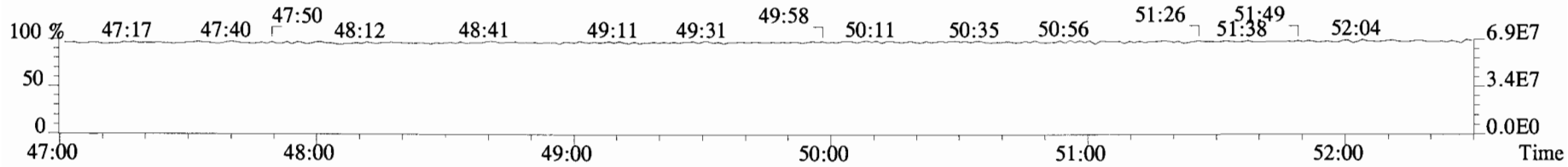
439.8038 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1772.0,0.00%,F,F)



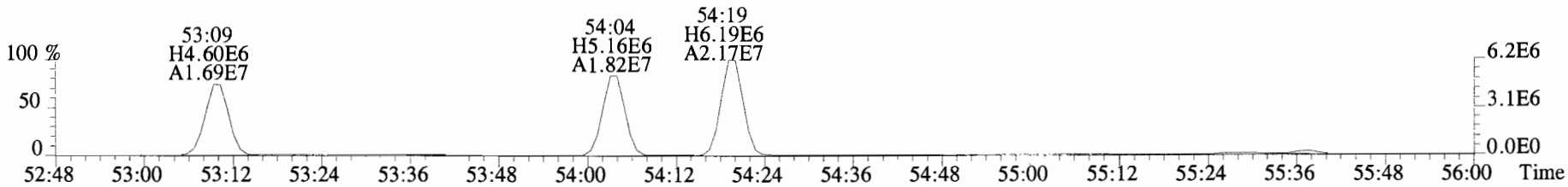
441.8008 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1760.0,0.00%,F,F)



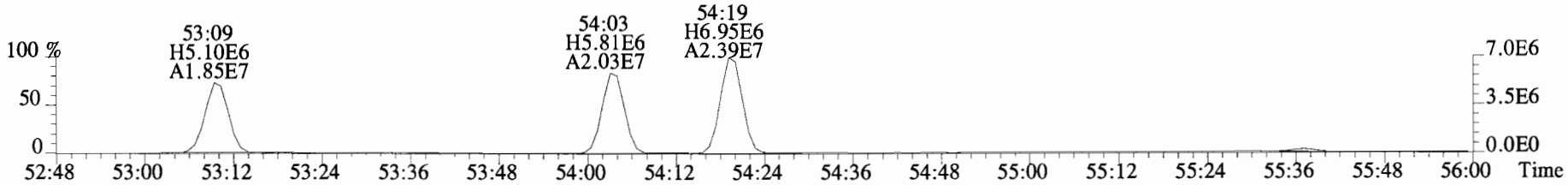
380.9760 F:4



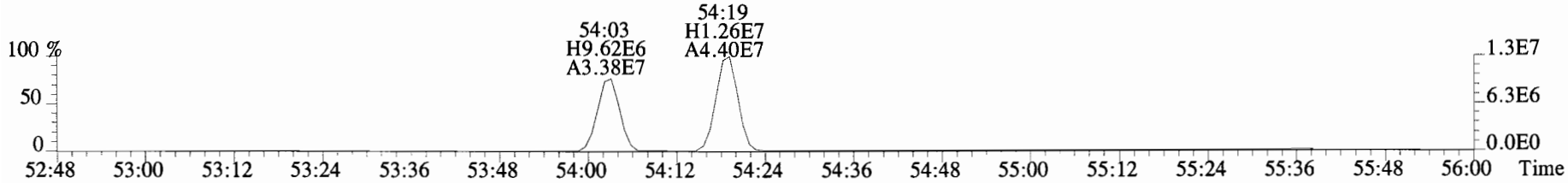
File:180302E1 #1-407 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
427.7635 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21732.0,0.00%,F,F)



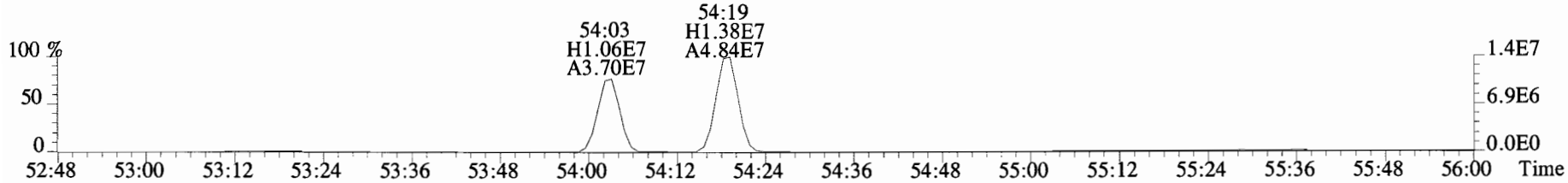
429.7606 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28860.0,0.00%,F,F)



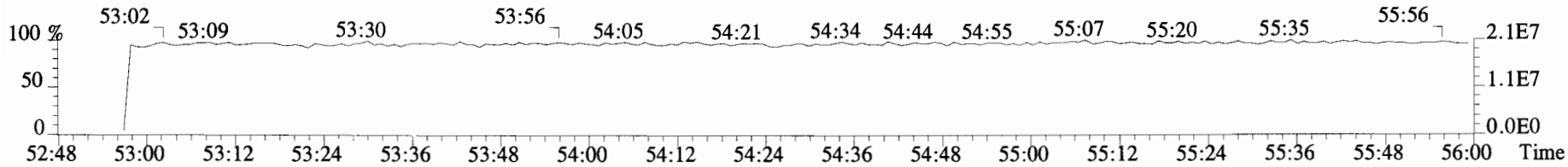
439.8038 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2516.0,0.00%,F,F)



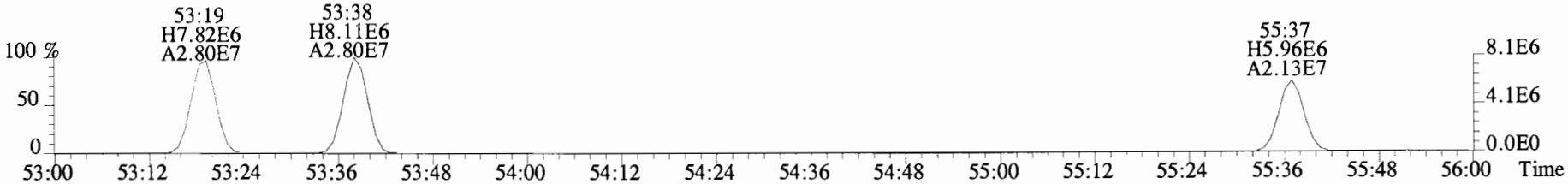
441.8008 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4308.0,0.00%,F,F)



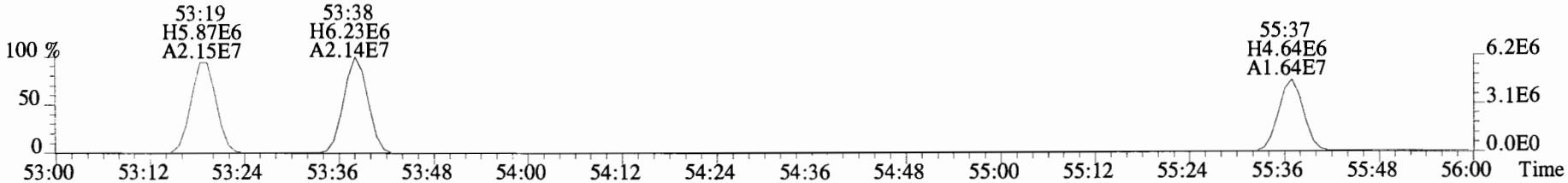
492.9697 F:5



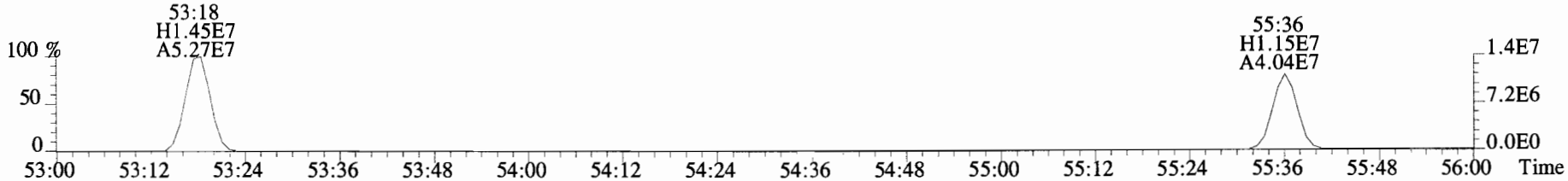
File:180302E1 #1-407 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
463.7216 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15012.0,0.00%,F,F)



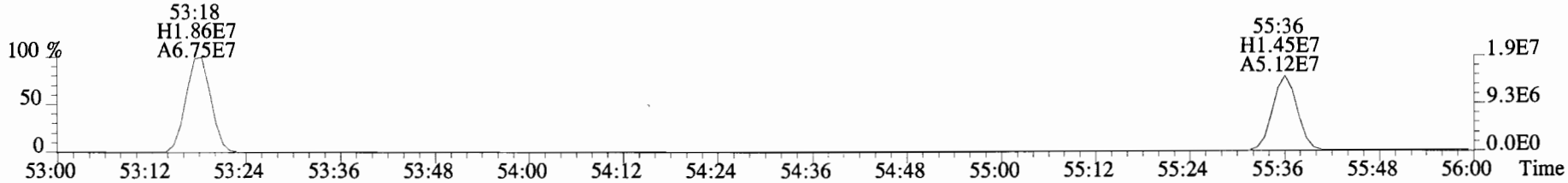
465.7186 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11664.0,0.00%,F,F)



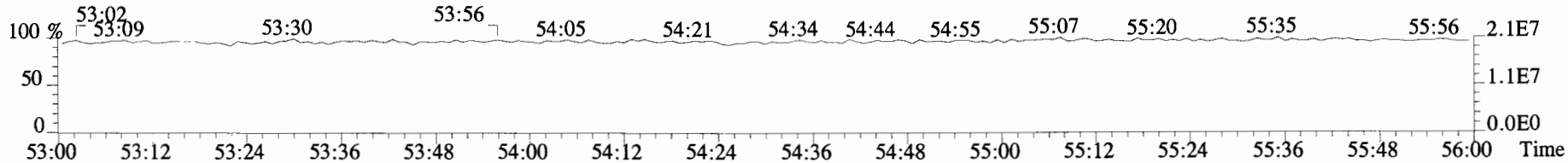
473.7648 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20280.0,0.00%,F,F)



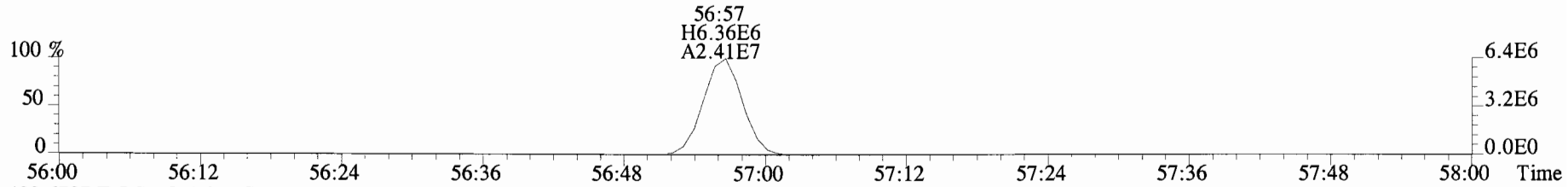
475.7619 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26208.0,0.00%,F,F)



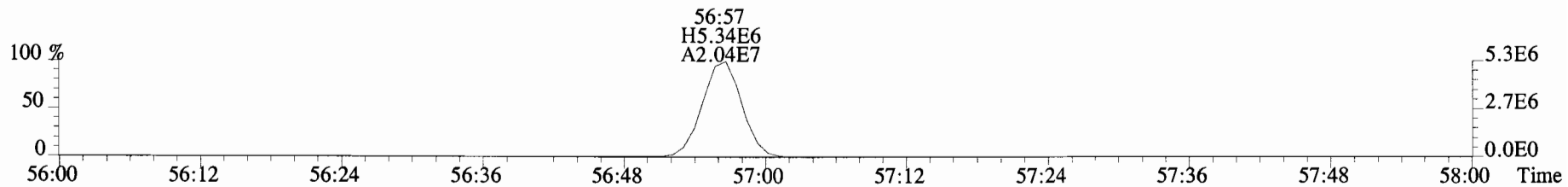
492.9697 F:5



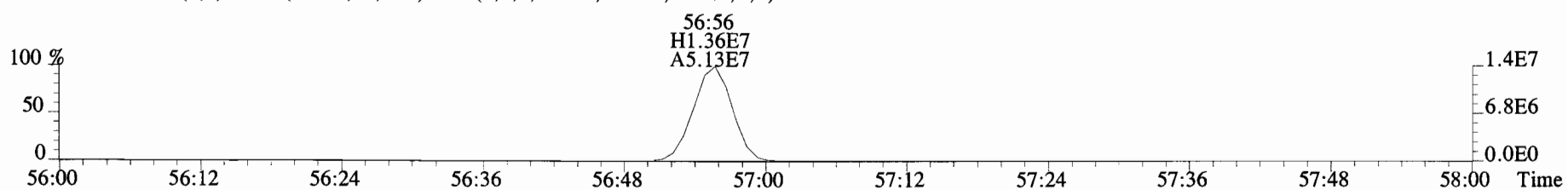
File:180302E1 #1-407 Acq: 2-MAR-2018 09:59:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180302E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
497.6826 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1456.0,0.00%,F,F)



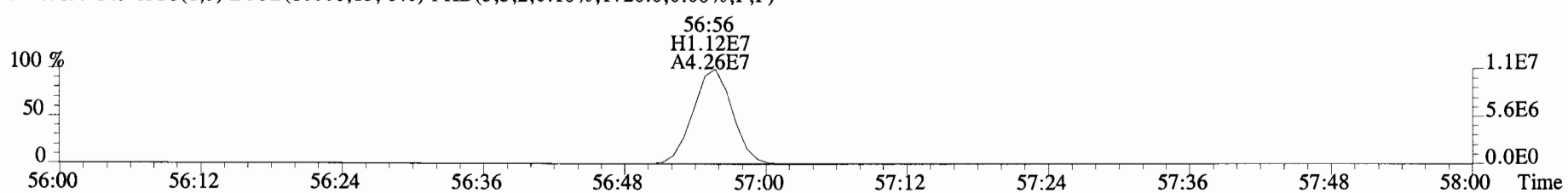
499.6797 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1536.0,0.00%,F,F)



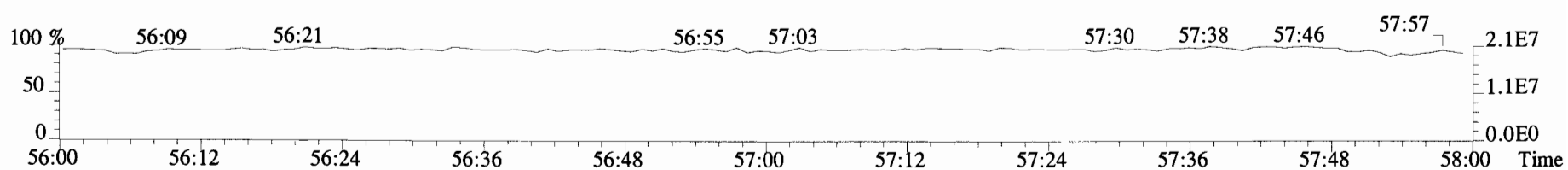
509.7229 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1840.0,0.00%,F,F)



511.7199 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1720.0,0.00%,F,F)

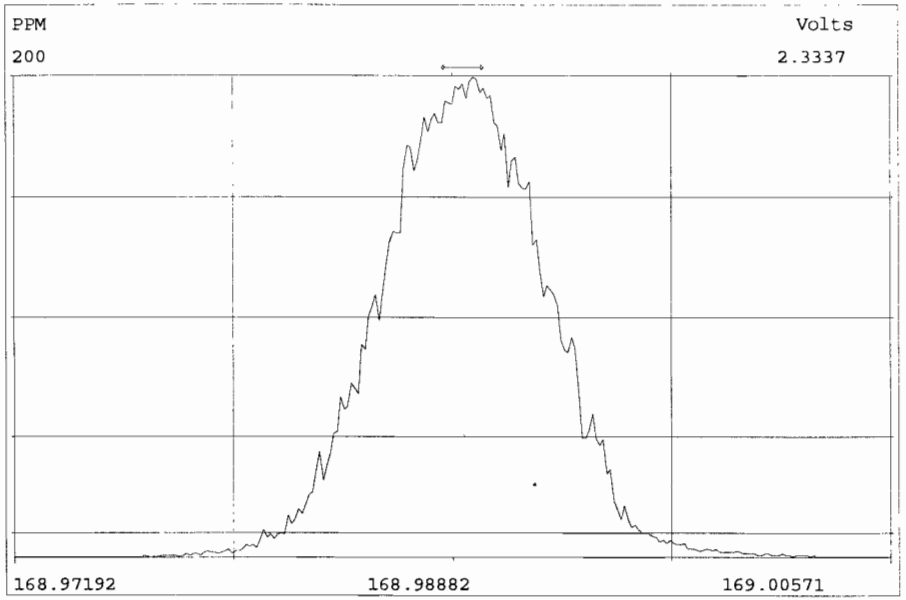


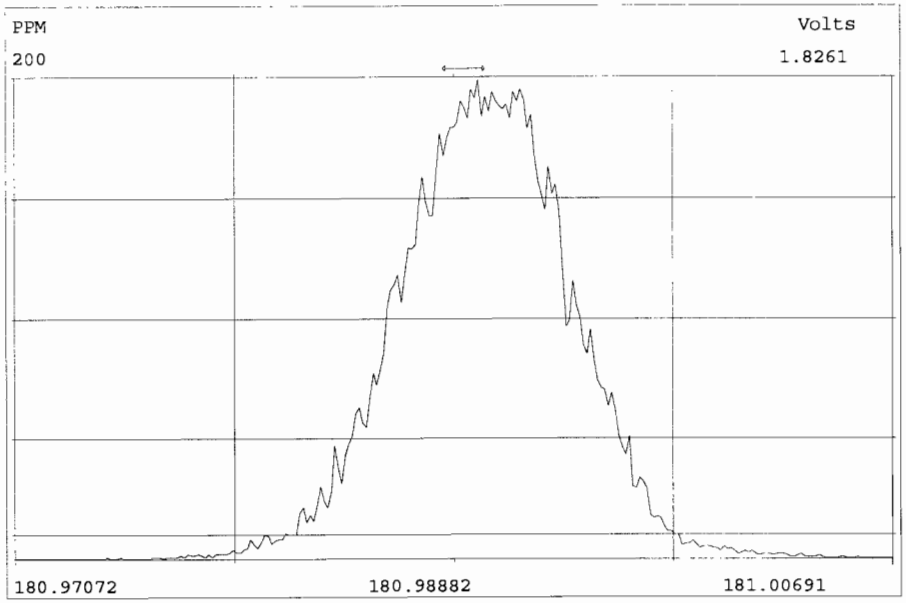
492.9697 F:5

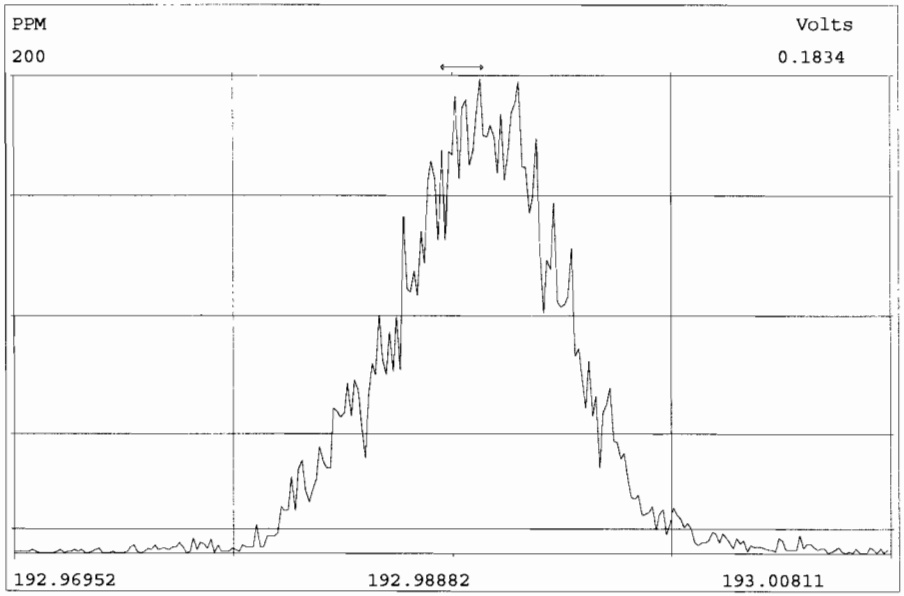


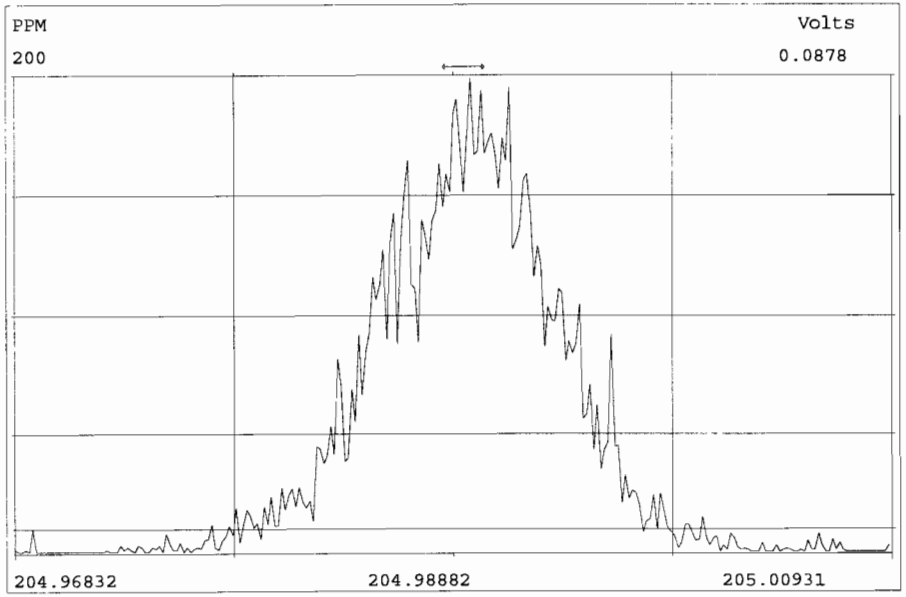
Peak Locate Examination: 2-MAR-2018:23:09 File:RES_CHECK

Experiment:PCB_ZB1 Function:1 Reference:PFK



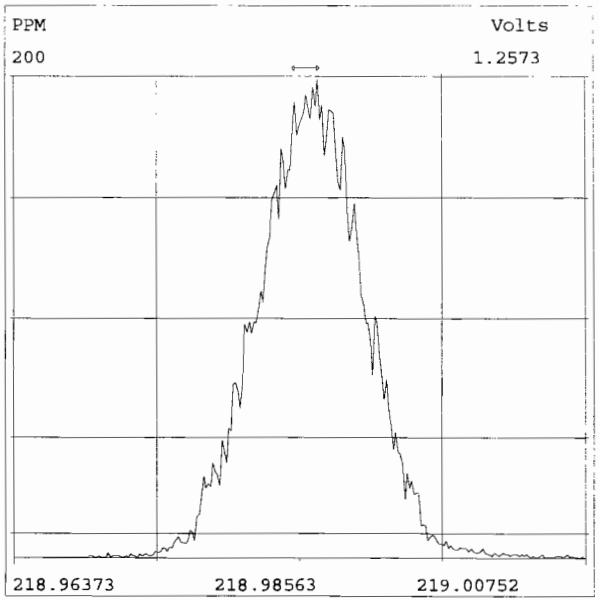


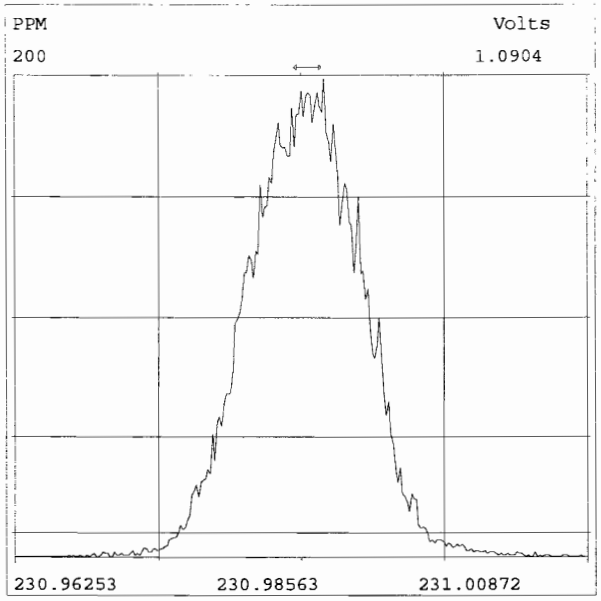


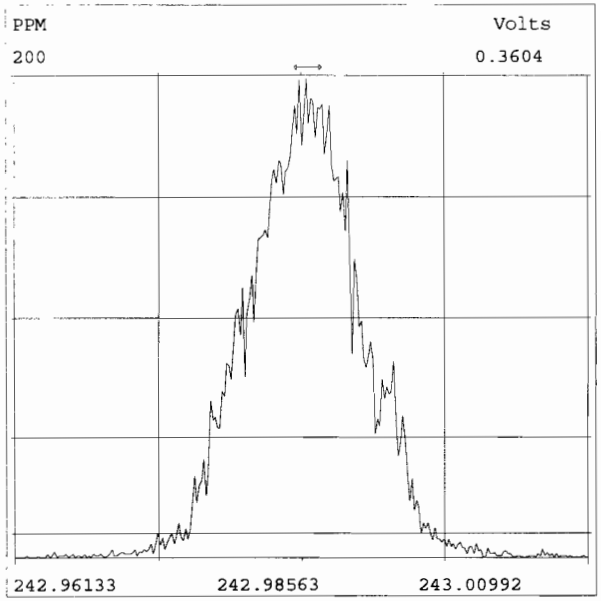


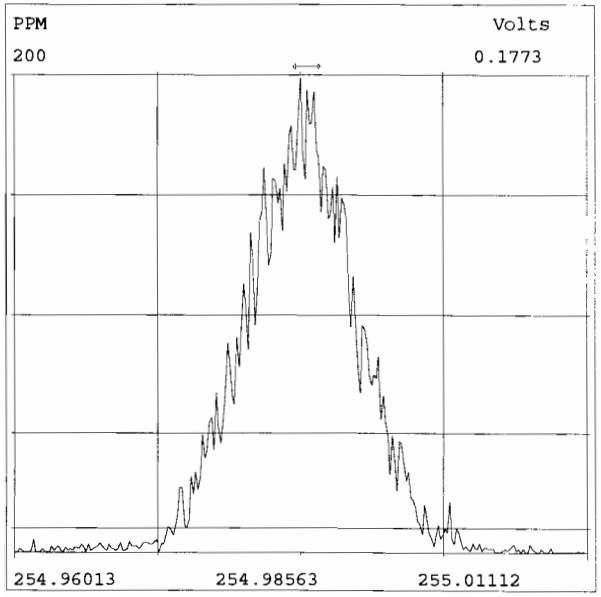
Peak Locate Examination: 2-MAR-2018:23:10 File:RES_CHECK

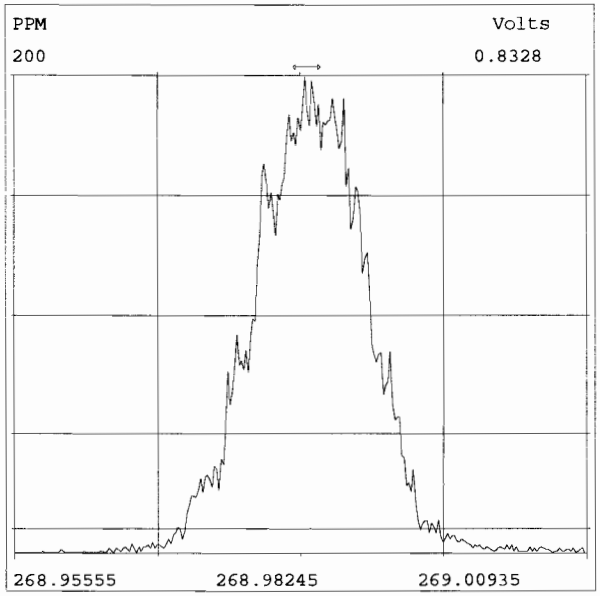
Experiment:PCB_ZB1 Function:2 Reference:PFK

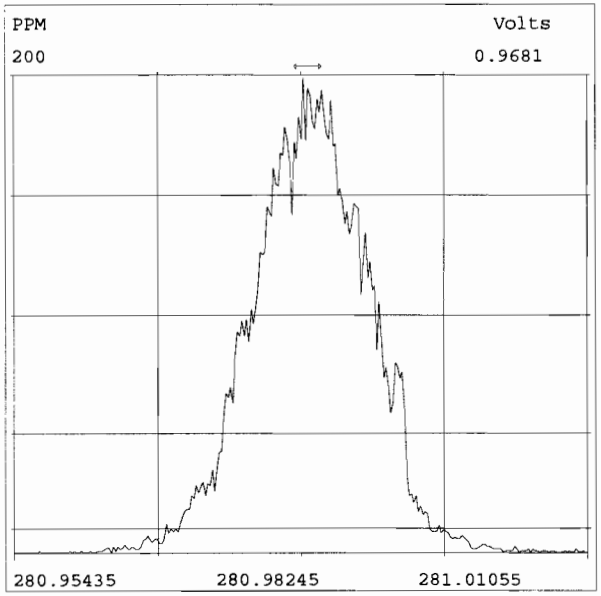






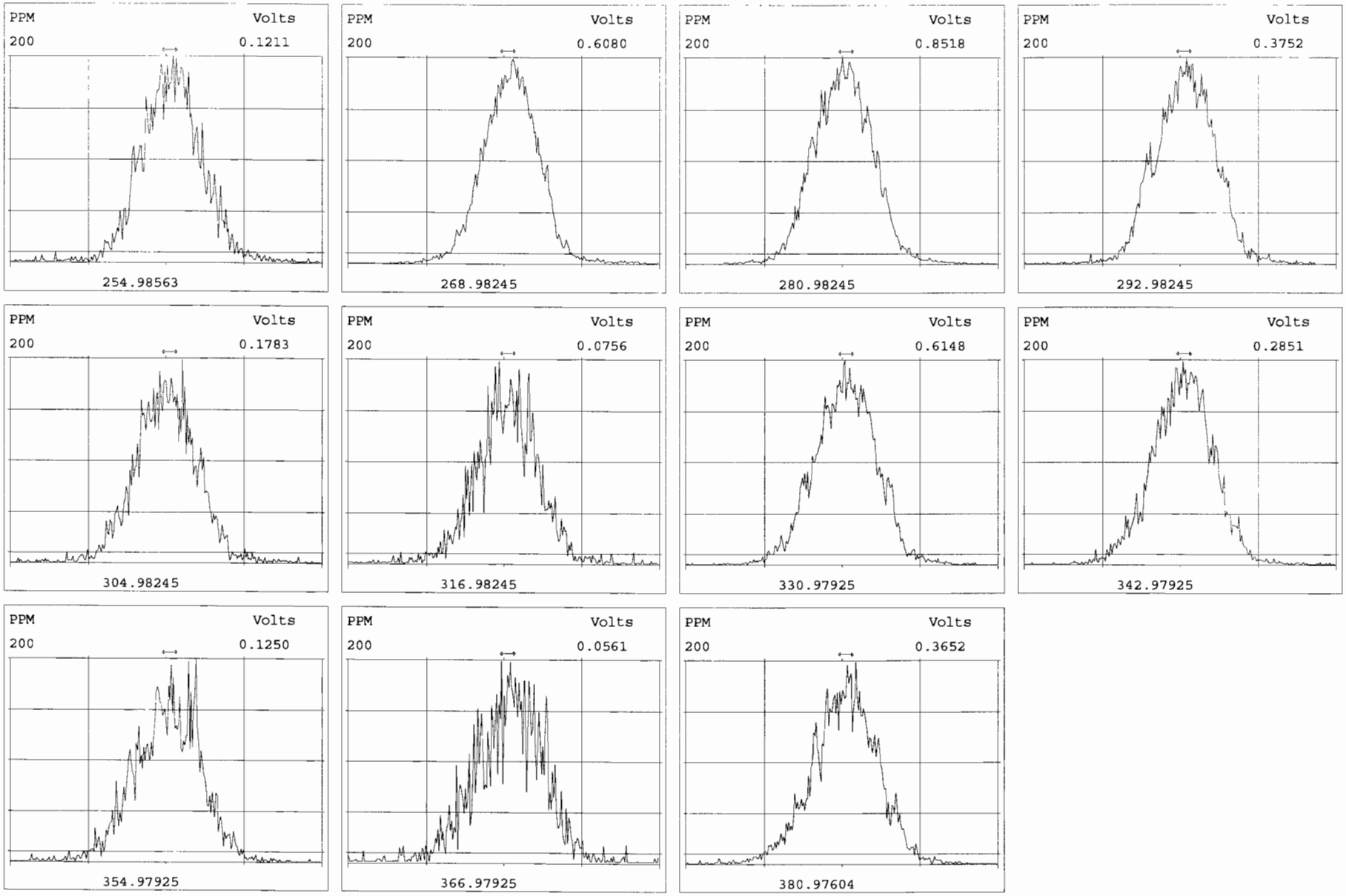






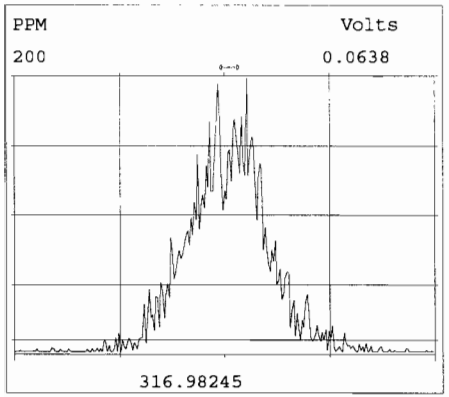
Peak Locate Examination: 2-MAR-2018:23:11 File:RES_CHECK

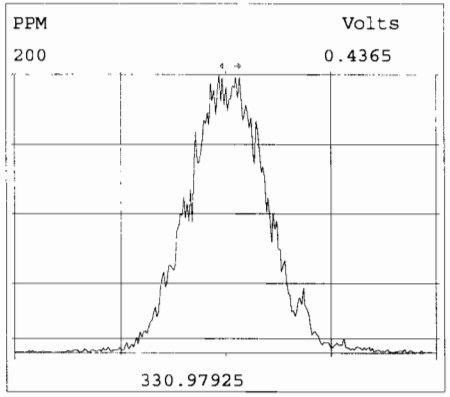
Experiment:PCB_ZB1 Function:3 Reference:PFK

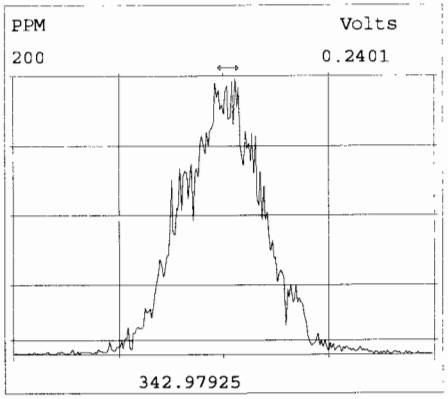


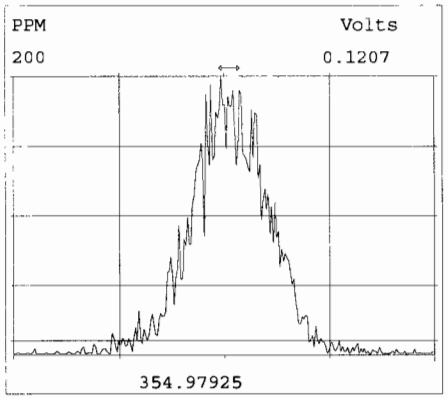
Peak Locate Examination: 2-MAR-2018:23:12 File:RES_CHECK

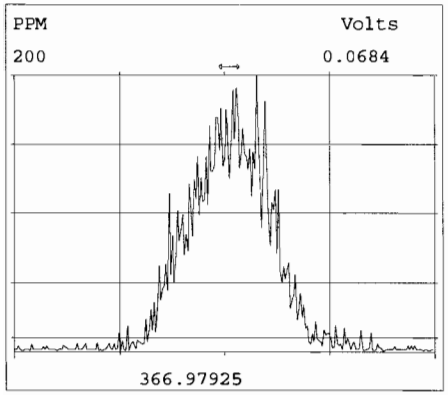
Experiment:PCB_ZB1 Function:4 Reference:PFK

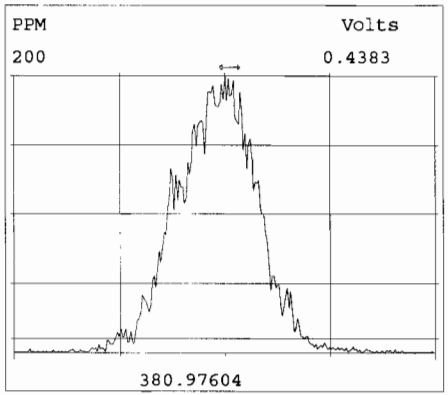


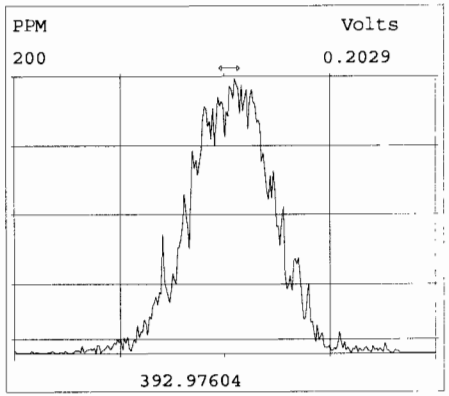


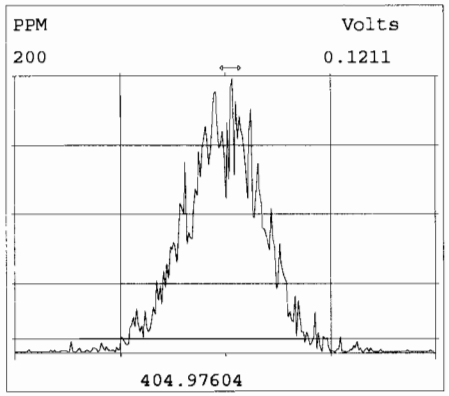


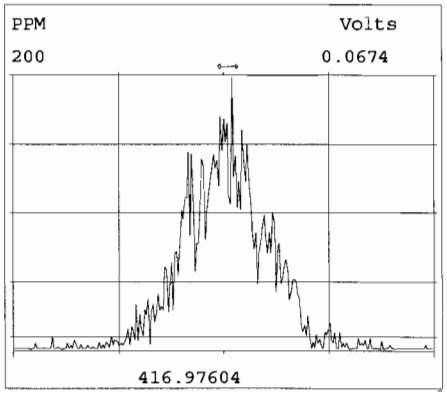


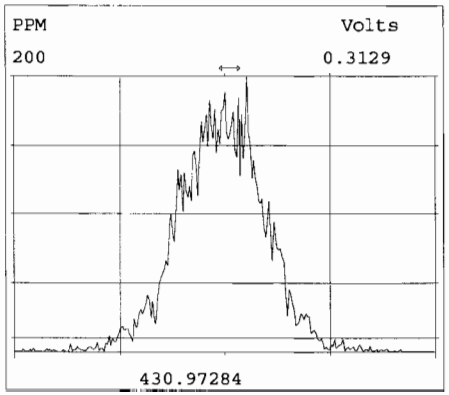


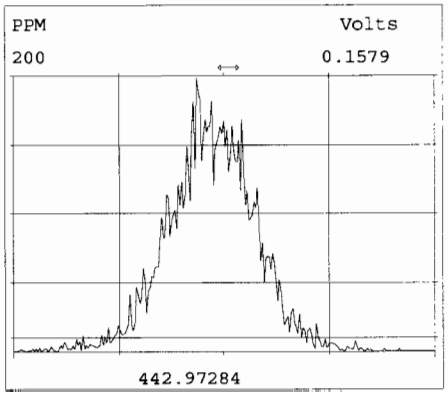






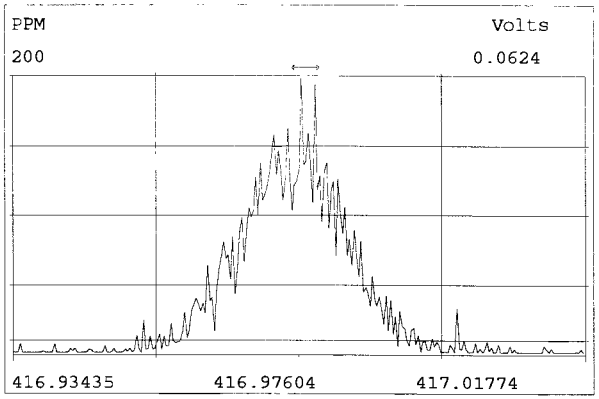


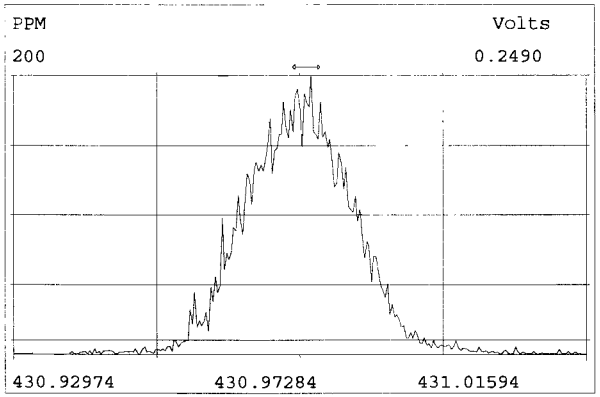


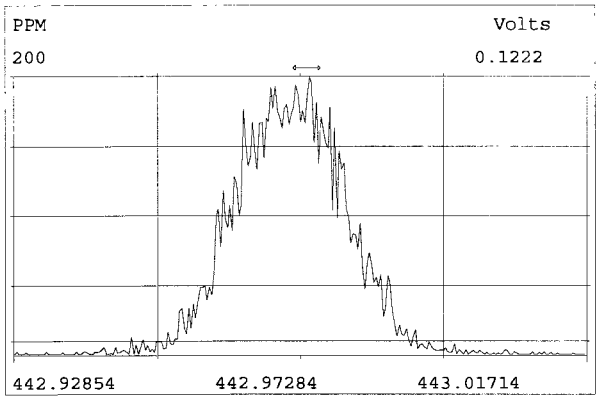


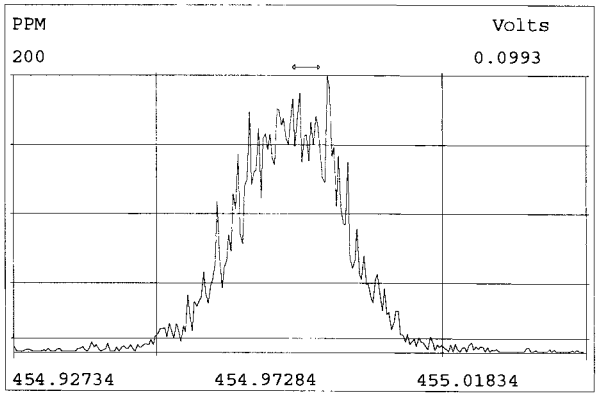
Peak Locate Examination: 2-MAR-2018:23:13 File:RES_CHECK

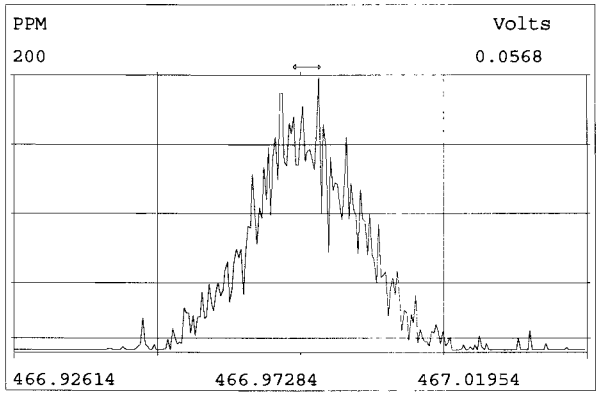
Experiment:PCB_ZB1 Function:5 Reference:PFK

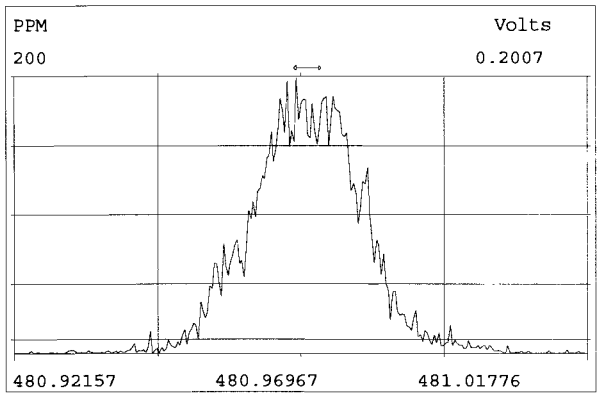


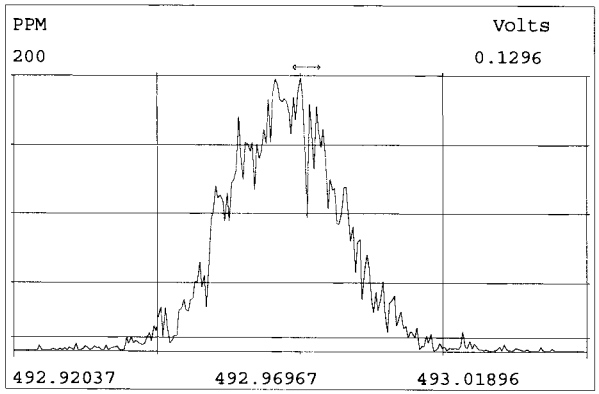


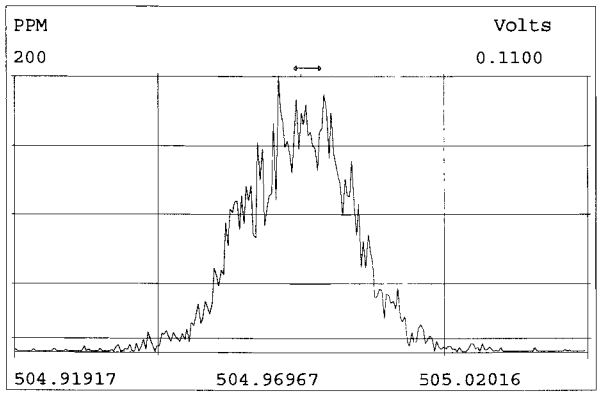


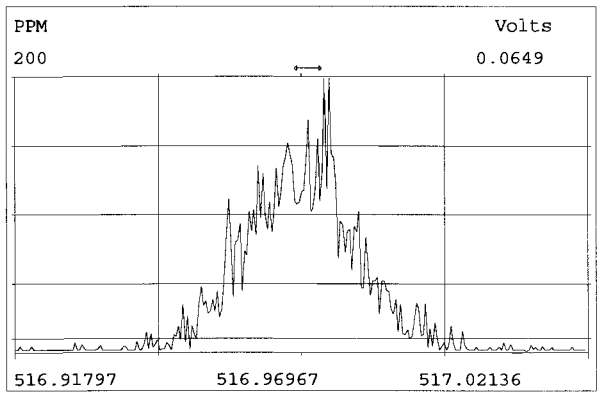












HRMS CALIBRATION STANDARDS REVIEW CHECKLIST

Beg. Calibration ID: ST 18 0303 E1-1

Reviewed By: CT 3/8/18
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?	MS	

Run Log:

	Beg.	End
- Correct instrument listed?	✓	✓
- Samples within 12 hour clock?	Y	N
- Bottle position verfied?	MS	

	Beg.	End
Mass resolution ≥	✓	✓

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

	Beg.	End
Intergrated peaks display correctly?	✓	NA
GC Break <20%	NA	

8280 CS1 End Standard:

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

Comments:

NATIVE 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180303E1-1 Instrument ID: VG-8

Initial Calibration Date: 2-8-18 ICal ID: PCBVG8-2-8-18 GC Column ID: ZB-1

VER Data Filename: 180303E1 S#1 Analysis Date: 3-MAR-18 Time: 13:07:02

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-1	2.96	2.66-3.60	y	46.5	37.5-62.5
PCB-2	3.01	2.66-3.60	y	45.8	37.5-62.5
PCB-3	3.01	2.66-3.60	y	46.4	37.5-62.5
PCB-4/10	1.59	1.33-1.79	y	89.5	75-125
PCB-7/9	1.60	1.33-1.79	y	88.7	75-125
PCB-6	1.60	1.33-1.79	y	45.2	37.5-62.5
PCB-5/8	1.60	1.33-1.79	y	89.3	75-125
PCB-14	1.61	1.33-1.79	y	45.3	37.5-62.5
PCB-11	1.62	1.33-1.79	y	44.8	37.5-62.5
PCB-12/13	1.59	1.33-1.79	y	90.2	75-125
PCB-15	1.57	1.33-1.79	y	46.5	37.5-62.5
PCB-19	1.04	0.88-1.20	y	42.7	37.5-62.5
PCB-30	1.05	0.88-1.20	y	41.1	37.5-62.5
PCB-18	1.06	0.88-1.20	y	41.4	37.5-62.5
PCB-17	1.06	0.88-1.20	y	41.9	37.5-62.5
PCB-24/27	1.06	0.88-1.20	y	84.4	75.0-125
PCB-16/32	1.05	0.88-1.20	y	84.1	75.0-125
PCB-34	1.06	0.88-1.20	y	43.9	37.5-62.5
PCB-23	1.07	0.88-1.20	y	48.4	37.5-62.5
PCB-29	1.06	0.88-1.20	y	44.6	37.5-62.5
PCB-26	1.07	0.88-1.20	y	45.9	37.5-62.5
PCB-25	1.06	0.88-1.20	y	46.3	37.5-62.5
PCB-31	1.05	0.88-1.20	y	48.8	37.5-62.5
PCB-28	1.07	0.88-1.20	y	47.5	37.5-62.5
PCB-20/21/33	1.06	0.88-1.20	y	141.1	112.5-225
PCB-22	1.07	0.88-1.20	y	47.4	37.5-62.5
PCB-36	1.06	0.88-1.20	y	46.3	37.5-62.5
PCB-39	1.05	0.88-1.20	y	47.1	37.5-62.5
PCB-38	1.06	0.88-1.20	y	46.1	37.5-62.5
PCB-35	1.06	0.88-1.20	y	47.3	37.5-62.5
PCB-37	1.07	0.88-1.20	y	46.7	37.5-62.5
PCB-54	0.77	0.65-0.89	y	45.3	37.5-62.5
PCB-50	0.77	0.65-0.89	y	45.7	37.5-62.5
PCB-53	0.77	0.65-0.89	y	45.8	37.5-62.5
PCB-51	0.77	0.65-0.89	y	45.5	37.5-62.5
PCB-45	0.78	0.65-0.89	y	45.8	37.5-62.5
PCB-46	0.76	0.65-0.89	y	46.6	37.5-62.5

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-52/69	0.77	0.65-0.89	y	92.7	75.0-125
PCB-73	0.77	0.65-0.89	y	44.9	37.5-62.5
PCB-43/49	0.77	0.65-0.89	y	90.3	75.0-125
PCB-47	0.77	0.65-0.89	y	52.1	37.5-62.5
PCB-48/75	0.77	0.65-0.89	y	87.1	75.0-125
PCB-65	0.77	0.65-0.89	y	44.4	37.5-62.5
PCB-62	0.78	0.65-0.89	y	46.4	37.5-62.5
PCB-44	0.78	0.65-0.89	y	46.4	37.5-62.5
PCB-42/59	0.77	0.65-0.89	y	91.7	75.0-125
PCB-41/64/71/72	0.77	0.65-0.89	y	181.7	150-250
PCB-68	0.78	0.65-0.89	y	43.9	37.5-62.5
PCB-40	0.78	0.65-0.89	y	45.7	37.5-62.5
PCB-57	0.77	0.65-0.89	y	44.9	37.5-62.5
PCB-67	0.76	0.65-0.89	y	43.3	37.5-62.5
PCB-58	0.77	0.65-0.89	y	47.9	37.5-62.5
PCB-63	0.77	0.65-0.89	y	44.4	37.5-62.5
PCB-74	0.76	0.65-0.89	y	44.4	37.5-62.5
PCB-61/70	0.77	0.65-0.89	y	93.1	75.0-125
PCB-76/66	0.77	0.65-0.89	y	90.6	75.0-125
PCB-80	0.77	0.65-0.89	y	46.3	37.5-62.5
PCB-55	0.78	0.65-0.89	y	47.1	37.5-62.5
PCB-56/60	0.77	0.65-0.89	y	94.1	75.0-125
PCB-79	0.78	0.65-0.89	y	46.2	37.5-62.5
PCB-78	0.78	0.65-0.89	y	44.4	37.5-62.5
PCB-81	0.78	0.65-0.89	y	46.4	37.5-62.5
PCB-77	0.78	0.65-0.89	y	44.8	37.5-62.5
PCB-104	1.56	1.32-1.78	y	41.3	37.5-62.5
PCB-96	1.59	1.32-1.78	y	40.2	37.5-62.5
PCB-103	1.54	1.32-1.78	y	40.1	37.5-62.5
PCB-100	1.58	1.32-1.78	y	41.0	37.5-62.5
PCB-94	1.58	1.32-1.78	y	41.4	37.5-62.5
PCB-95/98/102	1.57	1.32-1.78	y	125.9	112.5-225
PCB-93	1.52	1.32-1.78	y	41.0	37.5-62.5
PCB-88/91	1.54	1.32-1.78	y	87.8	75.0-125
PCB-121	1.56	1.32-1.78	y	39.0	37.5-62.5

Analyst: DB

Date: 3/8/18

NATIVE PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180303E1-1 Instrument ID: VG-7

Initial Calibration Date: 2-8-18 ICal ID: PCBVG8-2-8-18 GC Column ID: DB-1

VER Data Filename: 180303E1 S#1 Analysis Date: 3-MAR-18 Time: 13:07:02

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	1.58	1.32-1.78	y	83.5	75.0-125	PCB-140	1.24	1.05-1.43	y	42.9	37.5-62.5
PCB-89	1.54	1.32-1.78	y	41.9	37.5-62.5	PCB-134/143	1.22	1.05-1.43	y	90.5	75.0-125
PCB-90/101	1.56	1.32-1.78	y	82.2	75.0-125	PCB-131/133	1.21	1.05-1.43	y	85.6	75.0-125
PCB-113	1.55	1.32-1.78	y	42.8	37.5-62.5	PCB-142	1.25	1.05-1.43	y	46.9	37.5-62.5
PCB-99	1.59	1.32-1.78	y	40.1	37.5-62.5	PCB-146/165	1.22	1.05-1.43	y	89.6	75.0-125
PCB-119	1.54	1.32-1.78	y	40.9	37.5-62.5	PCB-132/161	1.23	1.05-1.43	y	90.7	75.0-125
PCB-108/112	1.56	1.32-1.78	y	82.8	75.0-125	PCB-153	1.23	1.05-1.43	y	44.4	37.5-62.5
PCB-83	1.55	1.32-1.78	y	40.6	37.5-62.5	PCB-168	1.23	1.05-1.43	y	43.2	37.5-62.5
PCB-97	1.54	1.32-1.78	y	41.1	37.5-62.5	PCB-141	1.25	1.05-1.43	y	44.9	37.5-62.5
PCB-86	1.50	1.32-1.78	y	40.8	37.5-62.5	PCB-137	1.22	1.05-1.43	y	39.6	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	50.8	37.5-62.5
PCB-111/115	1.54	1.32-1.78	y	81.5	75.0-125	PCB-138/163/164	1.22	1.05-1.43	y	135.4	112.5-225
PCB-85/116	1.56	1.32-1.78	y	89.1	75.0-125	PCB-158/160	1.22	1.05-1.43	y	88.4	75.0-125
PCB-120	1.55	1.32-1.78	y	39.4	37.5-62.5	PCB-129	1.20	1.05-1.43	y	43.9	37.5-62.5
PCB-110	1.56	1.32-1.78	y	44.4	37.5-62.5	PCB-166	1.22	1.05-1.43	y	45.0	37.5-62.5
PCB-82	1.56	1.32-1.78	y	41.7	37.5-62.5	PCB-159	1.21	1.05-1.43	y	46.0	37.5-62.5
PCB-124	1.53	1.32-1.78	y	41.4	37.5-62.5	PCB-128/162	1.22	1.05-1.43	y	93.1	75.0-125
PCB-107/109	1.57	1.32-1.78	y	83.4	75.0-125	PCB-167	1.22	1.05-1.43	y	44.8	37.5-62.5
PCB-123	1.55	1.32-1.78	y	41.8	37.5-62.5	PCB-156	1.24	1.05-1.43	y	43.7	37.5-62.5
PCB-106/118	1.56	1.32-1.78	y	84.1	75.0-125	PCB-157	1.25	1.05-1.43	y	44.8	37.5-62.5
PCB-114	1.56	1.32-1.78	y	45.1	37.5-62.5	PCB-169	1.24	1.05-1.43	y	45.3	37.5-62.5
PCB-122	1.59	1.32-1.78	y	43.5	37.5-62.5	PCB-188	1.03	0.89-1.21	y	43.2	37.5-62.5
PCB-105	1.57	1.32-1.78	y	44.5	37.5-62.5	PCB-184	1.02	0.89-1.21	y	44.7	37.5-62.5
PCB-127	1.58	1.32-1.78	y	44.5	37.5-62.5	PCB-179	1.04	0.89-1.21	y	43.5	37.5-62.5
PCB-126	1.57	1.32-1.78	y	44.9	37.5-62.5	PCB-176	1.04	0.89-1.21	y	43.7	37.5-62.5
PCB-155	1.26	1.05-1.43	y	41.1	37.5-62.5	PCB-186	1.05	0.89-1.21	y	43.9	37.5-62.5
PCB-150	1.25	1.05-1.43	y	41.9	37.5-62.5	PCB-178	1.04	0.89-1.21	y	43.3	37.5-62.5
PCB-152	1.25	1.05-1.43	y	42.1	37.5-62.5	PCB-175	1.03	0.89-1.21	y	43.9	37.5-62.5
PCB-145	1.25	1.05-1.43	y	42.3	37.5-62.5	PCB-182/187	1.04	0.89-1.21	y	86.4	75.0-125
PCB-136	1.24	1.05-1.43	y	43.1	37.5-62.5	PCB-183	1.04	0.89-1.21	y	42.5	37.5-62.5
PCB-148	1.28	1.05-1.43	y	40.4	37.5-62.5	PCB-185	1.02	0.89-1.21	y	49.6	37.5-62.5
PCB-154	1.25	1.05-1.43	y	42.2	37.5-62.5	PCB-174	1.02	0.89-1.21	y	50.4	37.5-62.5
PCB-151	1.26	1.05-1.43	y	42.7	37.5-62.5	PCB-181	1.04	0.89-1.21	y	48.7	37.5-62.5
PCB-135	1.26	1.05-1.43	y	40.5	37.5-62.5	PCB-177	1.03	0.89-1.21	y	48.5	37.5-62.5
PCB-144	1.25	1.05-1.43	y	47.5	37.5-62.5	PCB-171	1.03	0.89-1.21	y	47.3	37.5-62.5
PCB-147	1.26	1.05-1.43	y	41.3	37.5-62.5	PCB-173	1.05	0.89-1.21	y	45.9	37.5-62.5
PCB-139/149	1.25	1.05-1.43	y	85.8	75.0-125	PCB-172	1.03	0.89-1.21	y	45.1	37.5-62.5

Analyst: DB

Date: 3/6/18

NATIVE PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180303E1-1 Instrument ID: VG-7

Initial Calibration Date: 2-8-18 ICal ID: PCBVG8-2-8-18 GC Column ID: DB-1

VER Data Filename: 180303E1 S#1 Analysis Date: 3-MAR-18 Time: 13:07:02

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-192	1.03	0.89-1.21	y	44.6	37.5-62.5
PCB-180	1.02	0.89-1.21	y	44.7	37.5-62.5
PCB-193	1.03	0.89-1.21	y	43.0	37.5-62.5
PCB-191	1.04	0.89-1.21	y	43.6	37.5-62.5
PCB-170	1.03	0.89-1.21	y	44.8	37.5-62.5
PCB-190	1.02	0.89-1.21	y	44.3	37.5-62.5
PCB-189	1.03	0.89-1.21	y	43.5	37.5-62.5
PCB-202	0.89	0.76-1.02	y	43.8	37.5-62.5
PCB-201	0.88	0.76-1.02	y	42.1	37.5-62.5
PCB-204	0.90	0.76-1.02	y	41.6	37.5-62.5
PCB-197	0.88	0.76-1.02	y	39.6	37.5-62.5
PCB-200	0.89	0.76-1.02	y	39.7	37.5-62.5
PCB-198	0.87	0.76-1.02	y	37.8	37.5-62.5
PCB-199	0.88	0.76-1.02	y	40.0	37.5-62.5
PCB-196/203	0.89	0.76-1.02	y	80.4	75.0-125
PCB-195	0.90	0.76-1.02	y	46.8	37.5-62.5
PCB-194	0.90	0.76-1.02	y	45.8	37.5-62.5
PCB-205	0.91	0.76-1.02	y	47.9	37.5-62.5
PCB-208	1.29	1.14-1.54	y	46.2	37.5-62.5
PCB-207	1.33	1.14-1.54	y	46.0	37.5-62.5
PCB-206	1.33	1.14-1.54	y	47.1	37.5-62.5
PCB-209	1.17	0.99-1.34	y	44.3	37.5-62.5

Analyst: JB

Date: 3/6/18

LABELED PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180303E1-1 Instrument ID: VG-7

Initial Calibration Date: 2-8-18 ICal ID: PCBVG8-2-8-18 GC Column ID: DB-1

VER Data Filename: 180303E1 S#1 Analysis Date: 3-MAR-18 Time: 13:07:02

LABELED IS	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
13C-PCB-1	3.09	2.66-3.60	y	96.4	50.0-145
13C-PCB-3	3.11	2.66-3.60	y	98.3	50.0-145
13C-PCB-4	1.55	1.33-1.81	y	99.0	50.0-145
13C-PCB-9	1.52	1.33-1.81	y	96.4	50.0-145
13C-PCB-11	1.52	1.33-1.81	y	99.3	50.0-145
13C-PCB-19	1.04	0.88-1.20	y	117.5	50.0-145
13C-PCB-32	1.05	0.88-1.20	y	118.6	50.0-145
13C-PCB-28	1.03	0.88-1.20	y	97.0	50.0-145
13C-PCB-37	1.04	0.88-1.20	y	98.6	50.0-145
13C-PCB-54	0.79	0.65-0.89	y	102.1	50.0-145
13C-PCB-52	0.79	0.65-0.89	y	102.5	50.0-145
13C-PCB-47	0.80	0.65-0.89	y	100.9	50.0-145
13C-PCB-70	0.80	0.65-0.89	y	99.9	50.0-145
13C-PCB-80	0.81	0.65-0.89	y	97.4	50.0-145
13C-PCB-81	0.78	0.65-0.89	y	99.7	50.0-145
13C-PCB-77	0.80	0.65-0.89	y	101.1	50.0-145
13C-PCB-104	1.56	1.33-1.81	y	101.0	50.0-145
13C-PCB-95	1.56	1.33-1.81	y	98.5	50.0-145
13C-PCB-101	1.58	1.33-1.81	y	99.5	50.0-145
13C-PCB-97	1.59	1.33-1.81	y	100.0	50.0-145
13C-PCB-123	1.56	1.33-1.81	y	99.8	50.0-145
13C-PCB-118	1.58	1.33-1.81	y	100.3	50.0-145
13C-PCB-114	1.59	1.33-1.81	y	86.7	50.0-145
13C-PCB-105	1.55	1.33-1.81	y	89.9	50.0-145
13C-PCB-127	1.58	1.33-1.81	y	89.1	50.0-145
13C-PCB-126	1.56	1.33-1.81	y	85.8	50.0-145
13C-PCB-155	1.27	1.05-1.43	y	135.7	50.0-145
13C-PCB-153	1.26	1.05-1.43	y	101.3	50.0-145
13C-PCB-141	1.28	1.05-1.43	y	101.5	50.0-145
13C-PCB-138	1.26	1.05-1.43	y	100.4	50.0-145
13C-PCB-159	1.27	1.05-1.43	y	97.0	50.0-145
13C-PCB-167	1.27	1.05-1.43	y	98.6	50.0-145
13C-PCB-156	1.28	1.05-1.43	y	92.1	50.0-145
13C-PCB-157	1.26	1.05-1.43	y	91.5	50.0-145
13C-PCB-169	1.26	1.05-1.43	y	82.5	50 - 145
13C-PCB-188	0.46	0.38-0.52	y	101.5	50 - 145
13C-PCB-180	0.47	0.38-0.52	y	87.6	50 - 145
13C-PCB-170	0.46	0.38-0.52	y	83.9	50 - 145
13C-PCB-189	0.46	0.38-0.52	y	86.4	50 - 145
13C-PCB-202	0.90	0.76-1.02	y	118.6	50 - 145
13C-PCB-194	0.91	0.76-1.02	y	98.1	50 - 145
13C-PCB-208	0.77	0.66-0.90	y	111.5	50 - 145
13C-PCB-206	0.79	0.66-0.90	y	111.0	50 - 145
13C-PCB-209	1.20	0.99-1.35	y	124.9	50 - 145
CRS vs. RS					
13C-PCB-182	0.91	0.65-0.89	y	100.0	75 - 125
13C-PCB-205	0.80	0.38-0.52	y	98.9	75 - 125

Analyst: DB

Date: 3/6/18

Client ID: PCB CS3 17L3006 Filename: 180303E1 S:1 Acq:3-MAR-18 13:07:02 ConCal: ST180303E1-1
Lab ID: ST180303E1-1 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	9.64e+07	2.96	y 15:59	1.07	46.5		*	2.5	*	1.001	0.996-1.006
Mono	PCB-2	1.03e+08	3.01	y 18:22	1.06	45.8		*	2.5	*	0.988	0.983-0.993
Mono	PCB-3	1.04e+08	3.01	y 18:36	1.06	46.4		*	2.5	*	1.001	0.996-1.006
Di	PCB-4/10	1.16e+08	1.59	y 19:59	1.24	89.5		*	2.5	*	1.003	0.998-1.008
Di	PCB-7/9	1.42e+08	1.60	y 21:46	0.99	88.7		*	2.5	*	0.867	0.863-0.871
Di	PCB-6	7.71e+07	1.60	y 22:26	1.06	45.2		*	2.5	*	0.893	0.888-0.897
Di	PCB-5/8	1.48e+08	1.60	y 22:50	1.03	89.3		*	2.5	*	0.909	0.904-0.913
Di	PCB-14	7.82e+07	1.61	y 23:56	1.03	45.3		*	2.5	*	0.953	0.948-0.958
Di	PCB-11	8.34e+07	1.62	y 25:08	1.11	44.8		*	2.5	*	1.001	0.996-1.006
Di	PCB-12/13	1.53e+08	1.59	y 25:32	1.02	90.2		*	2.5	*	1.017	1.011-1.021
Di	PCB-15	8.19e+07	1.57	y 25:50	1.05	46.5		*	2.5	*	1.029	1.023-1.033
Tri	PCB-19	6.66e+07	1.04	y 24:07	1.20	42.7		*	2.5	*	1.001	0.996-1.006
Tri	PCB-30	1.03e+08	1.05	y 25:01	1.93	41.1		*	2.5	*	1.038	1.034-1.044
Tri	PCB-18	7.24e+07	1.06	y 25:46	0.91	41.4		*	2.5	*	0.953	0.948-0.958
Tri	PCB-17	6.76e+07	1.06	y 25:56	0.84	41.9		*	2.5	*	0.959	0.955-0.965
Tri	PCB-24/27	1.86e+08	1.06	y 26:31	1.15	84.4		*	2.5	*	0.981	0.977-0.986
Tri	PCB-16/32	1.64e+08	1.05	y 27:02	1.02	84.1		*	2.5	*	1.000	0.995-1.005
Tri	PCB-34	6.57e+07	1.06	y 27:49	0.96	43.9		*	2.5	*	0.960	0.955-0.965
Tri	PCB-23	7.17e+07	1.07	y 27:55	0.95	48.4		*	2.5	*	0.963	0.958-0.968
Tri	PCB-29	6.69e+07	1.06	y 28:10	0.96	44.6		*	2.5	*	0.972	0.966-0.976
Tri	PCB-26	7.17e+07	1.07	y 28:23	1.00	45.9		*	2.5	*	0.979	0.974-0.984
Tri	PCB-25	7.62e+07	1.06	y 28:32	1.06	46.3		*	2.5	*	0.984	0.980-0.990
Tri	PCB-31	8.36e+07	1.05	y 28:54	1.10	48.8		*	2.5	*	0.997	0.992-1.002
Tri	PCB-28	8.42e+07	1.07	y 29:00	1.14	47.5		*	2.5	*	1.001	0.995-1.005
Tri	PCB-20/21/33	2.19e+08	1.06	y 29:37	1.00	141		*	2.5	*	1.022	1.017-1.027
Tri	PCB-22	8.04e+07	1.07	y 30:03	1.09	47.4		*	2.5	*	1.037	1.032-1.042
Tri	PCB-36	8.20e+07	1.06	y 30:41	1.15	46.3		*	2.5	*	0.934	0.929-0.939
Tri	PCB-39	7.75e+07	1.05	y 31:09	1.07	47.1		*	2.5	*	0.948	0.943-0.953
Tri	PCB-38	7.81e+07	1.06	y 31:55	1.10	46.1		*	2.5	*	0.971	0.966-0.976
Tri	PCB-35	8.17e+07	1.06	y 32:27	1.12	47.3		*	2.5	*	0.987	0.982-0.992
Tri	PCB-37	8.00e+07	1.07	y 32:53	1.11	46.7		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-54	8.52e+07	0.77	y 27:53	1.07	45.3		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-50	7.00e+07	0.77	y 29:03	0.87	45.7		*	2.5	*	1.042	1.038-1.048
Tetra	PCB-53	6.69e+07	0.77	y 29:42	1.01	45.8		*	2.5	*	0.945	0.940-0.950
Tetra	PCB-51	7.24e+07	0.77	y 30:02	1.10	45.5		*	2.5	*	0.956	0.952-0.962
Tetra	PCB-45	5.78e+07	0.78	y 30:28	0.87	45.8		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-46	5.64e+07	0.76	y 30:58	0.84	46.6		*	2.5	*	0.986	0.980-0.990

Integrations by:
Analyst: DB
Date: 3/6/18

Reviewed by: CT Date: 3/8/18

Client ID: PCB CS3 17L3006 Filename: 180303E1 S:1 Acq:3-MAR-18 13:07:02 ConCal: ST180303E1-1
Lab ID: ST180303E1-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Tetra	PCB-52/69	1.63e+08	0.77	y 31:26	1.21	92.7		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-73	9.44e+07	0.77	y 31:33	1.45	44.9		*	2.5	*	1.004	1.000-1.010
Tetra	PCB-43/49	1.32e+08	0.77	y 31:43	1.01	90.3		*	2.5	*	1.010	1.005-1.015
Tetra	PCB-47	7.34e+07	0.77	y 31:56	0.91	52.1		*	2.5	*	1.001	0.995-1.005
Tetra	PCB-48/75	1.53e+08	0.77	y 32:03	1.13	87.1		*	2.5	*	1.004	0.999-1.009
Tetra	PCB-65	8.77e+07	0.77	y 32:19	1.27	44.4		*	2.5	*	1.013	1.007-1.017
Tetra	PCB-62	7.90e+07	0.78	y 32:24	1.10	46.4		*	2.5	*	1.015	1.011-1.021
Tetra	PCB-44	6.17e+07	0.78	y 32:44	0.85	46.4		*	2.5	*	1.026	1.020-1.030
Tetra	PCB-42/59	1.46e+08	0.77	y 32:57	1.02	91.7		*	2.5	*	1.032	1.027-1.037
Tetra	PCB-41/64/71/72	3.29e+08	0.77	y 33:32	1.17	182		*	2.5	*	1.051	1.046-1.056
Tetra	PCB-68	8.71e+07	0.78	y 33:47	1.28	43.9		*	2.5	*	1.058	1.054-1.064
Tetra	PCB-40	4.44e+07	0.78	y 34:00	0.62	45.7		*	2.5	*	1.065	1.060-1.070
Tetra	PCB-57	9.33e+07	0.77	y 34:22	1.13	44.9		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-67	8.79e+07	0.76	y 34:41	1.10	43.3		*	2.5	*	0.979	0.973-0.983
Tetra	PCB-58	9.89e+07	0.77	y 34:47	1.12	47.9		*	2.5	*	0.982	0.977-0.987
Tetra	PCB-63	8.17e+07	0.77	y 34:57	1.00	44.4		*	2.5	*	0.986	0.981-0.991
Tetra	PCB-74	9.68e+07	0.76	y 35:14	1.18	44.4		*	2.5	*	0.994	0.989-0.999
Tetra	PCB-61/70	1.76e+08	0.77	y 35:24	1.03	93.1		*	2.5	*	0.999	0.994-1.004
Tetra	PCB-76/66	1.89e+08	0.77	y 35:37	1.13	90.6		*	2.5	*	1.005	1.000-1.010
Tetra	PCB-80	9.90e+07	0.77	y 35:52	1.19	46.3		*	2.5	*	1.000	0.995-1.005
Tetra	PCB-55	9.78e+07	0.78	y 36:10	1.16	47.1		*	2.5	*	1.009	1.004-1.014
Tetra	PCB-56/60	1.76e+08	0.77	y 36:40	1.04	94.1		*	2.5	*	1.023	1.018-1.028
Tetra	PCB-79	9.67e+07	0.78	y 37:45	1.17	46.2		*	2.5	*	1.053	1.047-1.057
Tetra	PCB-78	9.10e+07	0.78	y 38:26	1.10	44.4		*	2.5	*	0.987	0.982-0.992
Tetra	PCB-81	8.33e+07	0.78	y 38:57	0.97	46.4		*	2.5	*	1.000	0.995-1.005
Tetra	PCB-77	8.68e+07	0.78	y 39:34	1.08	44.8		*	2.5	*	1.000	0.995-1.005
Penta	PCB-104	7.31e+07	1.56	y 32:34	1.08	41.3		*	2.5	*	1.001	0.996-1.006
Penta	PCB-96	7.47e+07	1.59	y 33:51	1.13	40.2		*	2.5	*	1.040	1.034-1.044
Penta	PCB-103	5.98e+07	1.54	y 34:22	0.91	40.1		*	2.5	*	1.056	1.051-1.061
Penta	PCB-100	6.23e+07	1.58	y 34:44	0.93	41.0		*	2.5	*	1.067	1.062-1.072
Penta	PCB-94	4.83e+07	1.58	y 35:12	0.91	41.4		*	2.5	*	0.985	0.981-0.991
Penta	PCB-95/98/102	1.88e+08	1.57	y 35:42	1.17	126		*	2.5	*	0.999	0.994-1.004
Penta	PCB-93	4.83e+07	1.52	y 35:50	0.93	41.0		*	2.5	*	1.003	0.997-1.007
Penta	PCB-88/91	1.09e+08	1.54	y 36:07	0.97	87.8		*	2.5	*	1.011	1.005-1.015
Penta	PCB-121	8.35e+07	1.56	y 36:14	1.68	39.0		*	2.5	*	1.014	1.009-1.019
Penta	PCB-84/92	1.05e+08	1.58	y 37:03	0.97	83.5		*	2.5	*	0.990	0.985-0.995
Penta	PCB-89	5.75e+07	1.54	y 37:14	1.06	41.9		*	2.5	*	0.995	0.990-1.000

Analyst: DB

Date: 3/8/18

Client ID: PCB CS3 17L3006 Filename: 180303E1 S:1 Acq:3-MAR-18 13:07:02 ConCal: ST180303E1-1
Lab ID: ST180303E1-1 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	1.14e+08	1.56	y 37:25	1.08	82.2		*	2.5	*	1.000	0.995-1.005
Penta	PCB-113	8.14e+07	1.55	y 37:40	1.48	42.8		*	2.5	*	1.007	1.002-1.012
Penta	PCB-99	6.47e+07	1.59	y 37:46	1.25	40.1		*	2.5	*	1.009	1.004-1.014
Penta	PCB-119	7.86e+07	1.54	y 38:13	1.70	40.9		*	2.5	*	0.987	0.982-0.992
Penta	PCB-108/112	1.31e+08	1.56	y 38:22	1.40	82.8		*	2.5	*	0.991	0.986-0.996
Penta	PCB-83	8.04e+07	1.55	y 38:31	1.75	40.6		*	2.5	*	0.995	0.990-1.000
Penta	PCB-97	5.45e+07	1.54	y 38:44	1.17	41.1		*	2.5	*	1.000	0.995-1.005
Penta	PCB-86	4.99e+07	1.50	y 38:52	1.08	40.8		*	2.5	*	1.004	0.999-1.009
Penta	PCB-87/117/125	2.18e+08	1.57	y 39:00	1.55	124		*	2.5	*	1.007	1.002-1.012
Penta	PCB-111/115	1.65e+08	1.54	y 39:09	1.79	81.5		*	2.5	*	1.011	1.006-1.016
Penta	PCB-85/116	1.30e+08	1.56	y 39:17	1.29	89.1		*	2.5	*	1.015	1.009-1.019
Penta	PCB-120	8.82e+07	1.55	y 39:32	1.98	39.4		*	2.5	*	1.021	1.016-1.026
Penta	PCB-110	8.45e+07	1.56	y 39:40	1.69	44.4		*	2.5	*	1.025	1.020-1.030
Penta	PCB-82	5.11e+07	1.56	y 40:17	0.81	41.7		*	2.5	*	0.976	0.972-0.982
Penta	PCB-124	8.16e+07	1.53	y 40:58	1.30	41.4		*	2.5	*	0.993	0.988-0.998
Penta	PCB-107/109	1.67e+08	1.57	y 41:07	1.31	83.4		*	2.5	*	0.996	0.991-1.001
Penta	PCB-123	7.11e+07	1.55	y 41:17	1.12	41.8		*	2.5	*	1.000	0.996-1.006
Penta	PCB-106/118	1.60e+08	1.56	y 41:30	1.18	84.1		*	2.5	*	1.001	0.996-1.006
Penta	PCB-114	5.56e+07	1.56	y 42:07	1.11	45.1		*	2.5	*	1.000	0.995-1.005
Penta	PCB-122	4.95e+07	1.59	y 42:16	1.03	43.5		*	2.5	*	1.004	0.999-1.009
Penta	PCB-105	5.54e+07	1.57	y 42:59	1.12	44.5		*	2.5	*	1.000	0.995-1.005
Penta	PCB-127	5.94e+07	1.58	y 43:19	1.12	44.5		*	2.5	*	1.000	0.995-1.005
Penta	PCB-126	5.67e+07	1.57	y 45:14	1.20	44.9		*	2.5	*	1.001	0.995-1.005
Hexa	PCB-155	7.33e+07	1.26	y 36:59	0.99	41.1		*	2.5	*	1.001	0.995-1.005
Hexa	PCB-150	7.75e+07	1.25	y 38:14	1.02	41.9		*	2.5	*	1.035	1.030-1.040
Hexa	PCB-152	8.79e+07	1.25	y 38:43	1.16	42.1		*	2.5	*	1.048	1.042-1.052
Hexa	PCB-145	8.63e+07	1.25	y 39:10	1.13	42.3		*	2.5	*	1.060	1.054-1.064
Hexa	PCB-136	7.96e+07	1.24	y 39:29	1.02	43.1		*	2.5	*	1.069	1.063-1.073
Hexa	PCB-148	5.64e+07	1.28	y 39:36	0.77	40.4		*	2.5	*	1.072	1.066-1.076
Hexa	PCB-154	6.67e+07	1.25	y 40:05	0.88	42.2		*	2.5	*	1.085	1.079-1.089
Hexa	PCB-151	5.79e+07	1.26	y 40:43	0.75	42.7		*	2.5	*	1.102	1.095-1.107
Hexa	PCB-135	6.30e+07	1.26	y 40:56	0.86	40.5		*	2.5	*	1.108	1.101-1.113
Hexa	PCB-144	6.57e+07	1.25	y 41:03	0.77	47.5		*	2.5	*	1.111	1.105-1.116
Hexa	PCB-147	6.00e+07	1.26	y 41:10	0.80	41.3		*	2.5	*	1.114	1.108-1.120
Hexa	PCB-139/149	1.36e+08	1.25	y 41:26	0.88	85.8		*	2.5	*	1.121	1.115-1.127
Hexa	PCB-140	5.96e+07	1.24	y 41:37	0.77	42.9		*	2.5	*	1.126	1.120-1.132
Hexa	PCB-134/143	1.01e+08	1.22	y 42:03	0.76	90.5		*	2.5	*	0.975	0.970-0.980

Analyst: DB

Date: 3/6/18

Client ID: PCB CS3 17L3006 Filename: 180303E1 S:1 Acq:3-MAR-18 13:07:02 ConCal: ST180303E1-1
Lab ID: ST180303E1-1 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	1.02e+08	1.21	y 42:21	0.82	85.6		*	2.5	*	0.982	0.977-0.987
Hexa	PCB-142	5.01e+07	1.25	y 42:31	0.73	46.9		*	2.5	*	0.986	0.981-0.991
Hexa	PCB-146/165	1.33e+08	1.22	y 42:44	1.02	89.6		*	2.5	*	0.991	0.986-0.996
Hexa	PCB-132/161	1.33e+08	1.23	y 42:58	1.00	90.7		*	2.5	*	0.996	0.992-1.002
Hexa	PCB-153	6.99e+07	1.23	y 43:09	1.08	44.4		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-168	7.05e+07	1.23	y 43:21	1.12	43.2		*	2.5	*	1.005	1.000-1.010
Hexa	PCB-141	5.54e+07	1.25	y 43:53	1.02	44.9		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-137	5.29e+07	1.22	y 44:16	1.10	39.6		*	2.5	*	1.009	1.004-1.014
Hexa	PCB-130	4.97e+07	1.25	y 44:22	0.81	50.8		*	2.5	*	1.011	1.007-1.017
Hexa	PCB-138/163/164	2.13e+08	1.22	y 44:45	1.23	135		*	2.5	*	1.001	0.996-1.006
Hexa	PCB-158/160	1.33e+08	1.22	y 44:59	1.18	88.4		*	2.5	*	1.006	1.001-1.011
Hexa	PCB-129	4.36e+07	1.20	y 45:14	0.78	43.9		*	2.5	*	1.012	1.007-1.017
Hexa	PCB-166	7.36e+07	1.22	y 45:40	1.13	45.0		*	2.5	*	0.993	0.988-0.998
Hexa	PCB-159	7.73e+07	1.21	y 46:00	1.16	46.0		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-128/162	1.21e+08	1.22	y 46:17	0.89	93.1		*	2.5	*	1.006	1.002-1.012
Hexa	PCB-167	6.80e+07	1.22	y 46:42	1.02	44.8		*	2.5	*	1.001	0.995-1.005
Hexa	PCB-156	6.39e+07	1.24	y 47:58	1.06	43.7		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-157	6.23e+07	1.25	y 48:14	1.02	44.8		*	2.5	*	1.000	0.996-1.006
Hexa	PCB-169	6.34e+07	1.24	y 50:27	1.13	45.3		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-188	7.58e+07	1.03	y 42:47	1.37	43.2		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-184	7.52e+07	1.02	y 43:14	1.32	44.7		*	2.5	*	1.011	1.006-1.016
Hepta	PCB-179	7.70e+07	1.04	y 44:00	1.38	43.5		*	2.5	*	1.029	1.024-1.034
Hepta	PCB-176	7.30e+07	1.04	y 44:28	1.31	43.7		*	2.5	*	1.040	1.035-1.045
Hepta	PCB-186	7.97e+07	1.05	y 45:04	1.42	43.9		*	2.5	*	1.054	1.049-1.059
Hepta	PCB-178	5.36e+07	1.04	y 45:34	0.97	43.3		*	2.5	*	1.065	1.060-1.070
Hepta	PCB-175	5.60e+07	1.03	y 45:55	1.00	43.9		*	2.5	*	1.074	1.069-1.079
Hepta	PCB-182/187	1.26e+08	1.04	y 46:06	1.14	86.4		*	2.5	*	1.078	1.072-1.082
Hepta	PCB-183	6.13e+07	1.04	y 46:24	1.13	42.5		*	2.5	*	1.085	1.080-1.090
Hepta	PCB-185	5.17e+07	1.02	y 47:03	1.36	49.6		*	2.5	*	0.955	0.950-0.960
Hepta	PCB-174	5.50e+07	1.02	y 47:25	1.42	50.4		*	2.5	*	0.963	0.958-0.968
Hepta	PCB-181	5.53e+07	1.04	y 47:32	1.48	48.7		*	2.5	*	0.965	0.960-0.970
Hepta	PCB-177	4.96e+07	1.03	y 47:42	1.33	48.5		*	2.5	*	0.969	0.963-0.973
Hepta	PCB-171	4.99e+07	1.03	y 47:59	1.37	47.3		*	2.5	*	0.974	0.969-0.979
Hepta	PCB-173	4.48e+07	1.05	y 48:24	1.27	45.9		*	2.5	*	0.983	0.978-0.988
Hepta	PCB-172	4.81e+07	1.03	y 48:52	1.39	45.1		*	2.5	*	0.992	0.987-0.997
Hepta	PCB-192	6.20e+07	1.03	y 49:04	1.80	44.6		*	2.5	*	0.996	0.991-1.001
Hepta	PCB-180	5.22e+07	1.02	y 49:16	1.52	44.7		*	2.5	*	1.000	0.995-1.005

Analyst: DB

Date: 3/6/18

Client ID: PCB CS3 17L3006 Filename: 180303E1 S:1 Acq:3-MAR-18 13:07:02 ConCal: ST180303E1-1
Lab ID: ST180303E1-1 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	5.67e+07	1.03	y 49:28	1.71	43.0		*	2.5	*	1.004	0.999	1.009
Hepta	PCB-191	5.84e+07	1.04	y 49:44	1.74	43.6		*	2.5	*	1.010	1.005	1.015
Hepta	PCB-170	4.17e+07	1.03	y 50:52	1.44	44.8		*	2.5	*	1.000	0.995	1.005
Hepta	PCB-190	5.61e+07	1.02	y 51:03	1.95	44.3		*	2.5	*	1.004	0.999	1.009
Hepta	PCB-189	5.67e+07	1.03	y 52:28	1.46	43.5		*	2.5	*	1.000	0.995	1.005
Octa	PCB-202	6.35e+07	0.89	y 48:12	1.06	43.8		*	2.5	*	1.001	0.995	1.005
Octa	PCB-201	5.63e+07	0.88	y 48:41	0.98	42.1		*	2.5	*	1.011	1.006	1.016
Octa	PCB-204	6.09e+07	0.90	y 48:50	1.07	41.6		*	2.5	*	1.014	1.009	1.019
Octa	PCB-197	5.95e+07	0.88	y 49:08	1.10	39.6		*	2.5	*	1.020	1.015	1.025
Octa	PCB-200	5.65e+07	0.89	y 50:03	1.04	39.7		*	2.5	*	1.039	1.034	1.044
Octa	PCB-198	4.34e+07	0.87	y 51:31	0.84	37.8		*	2.5	*	1.070	1.065	1.075
Octa	PCB-199	4.37e+07	0.88	y 51:38	0.80	40.0		*	2.5	*	1.072	1.067	1.077
Octa	PCB-196/203	9.25e+07	0.89	y 51:55	0.84	80.4		*	2.5	*	1.078	1.072	1.082
Octa	PCB-195	3.25e+07	0.90	y 53:09	1.04	46.8		*	2.5	*	0.984	0.979	0.989
Octa	PCB-194	3.55e+07	0.90	y 54:02	1.16	45.8		*	2.5	*	1.000	0.995	1.005
Octa	PCB-205	4.27e+07	0.91	y 54:18	1.33	47.9		*	2.5	*	1.005	1.000	1.010
Nona	PCB-208	4.48e+07	1.29	y 53:18	0.90	46.2		*	2.5	*	1.000	0.995	1.005
Nona	PCB-207	4.42e+07	1.33	y 53:37	0.89	46.0		*	2.5	*	1.006	1.001	1.011
Nona	PCB-206	3.31e+07	1.33	y 55:36	0.88	47.1		*	2.5	*	1.000	0.995	1.005
Deca	PCB-209	3.76e+07	1.17	y 56:55	1.04	44.3		*	2.5	*	1.000	0.995	1.005

Analyst: DB

Date: 3/6/18

Client ID: PCB CS3 17L3006 Filename: 180303E1 S:1 Acq:3-MAR-18 13:07:02 ConCal: ST180303E1-1
Lab ID: ST180303E1-1 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	1.93e+08	3.09 y	1.13	15:58	0.618	0.616	0.622	96.4	96.4
13C-PCB-3	2.11e+08	3.11 y	1.21	18:35	0.720	0.716	0.724	98.3	98.3
13C-PCB-4	1.04e+08	1.55 y	0.59	19:56	0.772	0.769	0.777	99.0	99.0
13C-PCB-9	1.61e+08	1.52 y	0.94	21:44	0.842	0.837	0.845	96.4	96.4
13C-PCB-11	1.67e+08	1.52 y	0.95	25:07	0.973	0.968	0.978	99.3	99.3
13C-PCB-19	1.30e+08	1.04 y	0.62	24:06	0.934	0.928	0.938	118	118
13C-PCB-28	1.56e+08	1.03 y	1.05	28:59	1.003	0.999	1.009	97.0	97.0
13C-PCB-32	1.92e+08	1.05 y	0.91	27:02	1.047	1.041	1.051	119	119
13C-PCB-37	1.54e+08	1.04 y	1.02	32:52	1.138	1.132	1.144	98.6	98.6
13C-PCB-47	1.55e+08	0.80 y	0.83	31:55	0.870	0.867	0.875	101	101
13C-PCB-52	1.45e+08	0.79 y	0.76	31:25	0.857	0.853	0.861	103	103
13C-PCB-54	1.75e+08	0.79 y	0.93	27:52	0.760	0.756	0.764	102	102
13C-PCB-70	1.84e+08	0.80 y	1.00	35:26	0.966	0.961	0.971	99.9	99.9
13C-PCB-77	1.79e+08	0.80 y	0.96	39:33	1.079	1.073	1.083	101	101
13C-PCB-80	1.79e+08	0.81 y	1.00	35:51	0.978	0.973	0.983	97.4	97.4
13C-PCB-81	1.85e+08	0.78 y	1.01	38:57	1.062	1.057	1.067	99.7	99.7
13C-PCB-95	1.27e+08	1.56 y	0.80	35:44	0.913	0.908	0.918	98.5	98.5
13C-PCB-97	1.13e+08	1.59 y	0.70	38:43	0.989	0.984	0.994	100.0	100.0
13C-PCB-101	1.29e+08	1.58 y	0.80	37:25	0.956	0.951	0.961	99.5	99.5
13C-PCB-104	1.64e+08	1.56 y	1.01	32:33	0.831	0.828	0.836	101	101
13C-PCB-105	1.11e+08	1.55 y	1.14	42:58	0.929	0.924	0.934	89.9	89.9
13C-PCB-114	1.11e+08	1.59 y	1.18	42:06	0.910	0.905	0.915	86.7	86.7
13C-PCB-118	1.61e+08	1.58 y	1.00	41:28	1.059	1.054	1.064	100	100
13C-PCB-123	1.52e+08	1.56 y	0.95	41:16	1.054	1.049	1.059	99.8	99.8
13C-PCB-126	1.05e+08	1.56 y	1.14	45:12	0.977	0.972	0.982	85.8	85.8
13C-PCB-127	1.19e+08	1.58 y	1.24	43:19	0.936	0.931	0.941	89.1	89.1
13C-PCB-138	1.27e+08	1.26 y	1.17	44:42	0.966	0.962	0.972	100	100
13C-PCB-141	1.21e+08	1.28 y	1.11	43:52	0.948	0.944	0.954	102	102
13C-PCB-153	1.46e+08	1.26 y	1.34	43:08	0.932	0.928	0.938	101	101
13C-PCB-155	1.81e+08	1.27 y	0.83	36:57	0.944	0.939	0.949	136	136
13C-PCB-156	1.37e+08	1.28 y	1.38	47:58	1.037	1.032	1.042	92.1	92.1
13C-PCB-157	1.35e+08	1.26 y	1.37	48:14	1.043	1.037	1.047	91.5	91.5
13C-PCB-159	1.45e+08	1.27 y	1.39	46:00	0.994	0.989	0.999	97.0	97.0
13C-PCB-167	1.49e+08	1.27 y	1.40	46:40	1.009	1.004	1.014	98.6	98.6
13C-PCB-169	1.24e+08	1.26 y	1.39	50:27	1.090	1.085	1.095	82.5	82.5
13C-PCB-170	6.49e+07	0.46 y	0.86	50:51	1.103	1.097	1.109	83.9	83.9
13C-PCB-180	7.70e+07	0.47 y	0.98	49:15	1.069	1.064	1.074	87.6	87.6
13C-PCB-188	1.28e+08	0.46 y	1.40	42:46	0.928	0.923	0.933	101	101
13C-PCB-189	8.94e+07	0.46 y	1.15	52:28	1.139	1.132	1.144	86.4	86.4
13C-PCB-194	6.70e+07	0.91 y	0.77	54:02	0.995	0.990	1.000	98.1	98.1
13C-PCB-202	1.37e+08	0.90 y	1.28	48:10	1.045	1.040	1.050	119	119
13C-PCB-206	7.96e+07	0.79 y	0.81	55:35	1.024	1.019	1.029	111	111
13C-PCB-208	1.08e+08	0.77 y	1.09	53:17	0.981	0.977	0.987	112	112
13C-PCB-209	8.15e+07	1.20 y	0.74	56:54	1.048	1.043	1.053	125	125

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.89e+08	0.80 y	1.03	37:44	1.029	1.024	1.034	98.9	98.9
13C-PCB-178	8.19e+07	0.45 y	0.93	45:33	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	1.89e+08	0.80 y	1.03	37:44	0.969	0.963	0.973	99.2	99.2
13C-PCB-178	8.19e+07	0.45 y	0.95	45:33	0.925	0.920	0.930	112	112

RS

Name	Resp	RA	RRF	RT	Conc
13C-PCB-15	1.77e+08	1.50 y	1.00	25:49	100
13C-PCB-31	1.53e+08	1.03 y	1.00	28:53	100
13C-PCB-60	1.84e+08	0.81 y	1.00	36:40	100
13C-PCB-111	1.61e+08	1.60 y	1.00	39:09	100
13C-PCB-128	1.08e+08	1.27 y	1.00	46:16	100
13C-PCB-182	9.00e+07	0.46 y	1.00	46:05	100
13C-PCB-205	8.87e+07	0.91 y	1.00	54:18	100

Analyst: DB

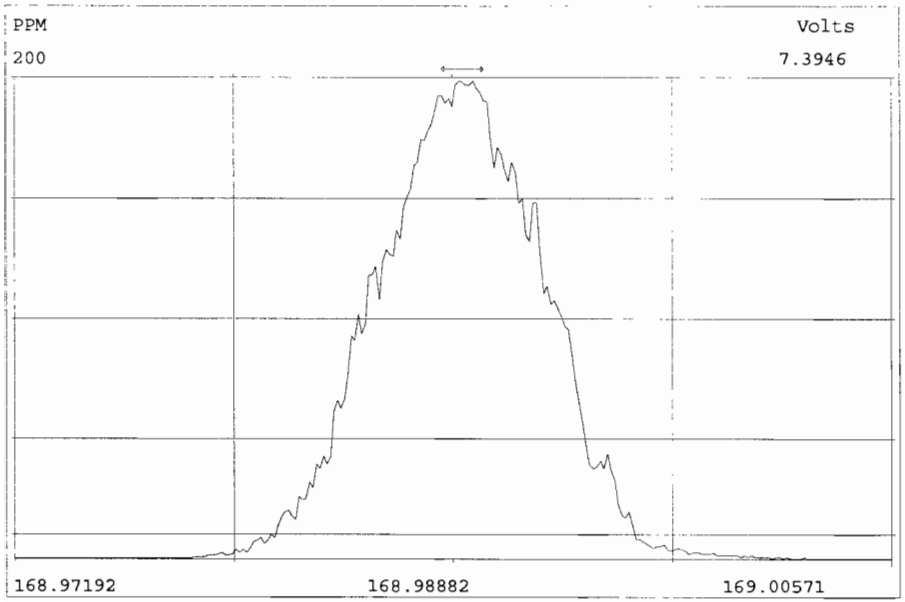
Date: 3/6/18

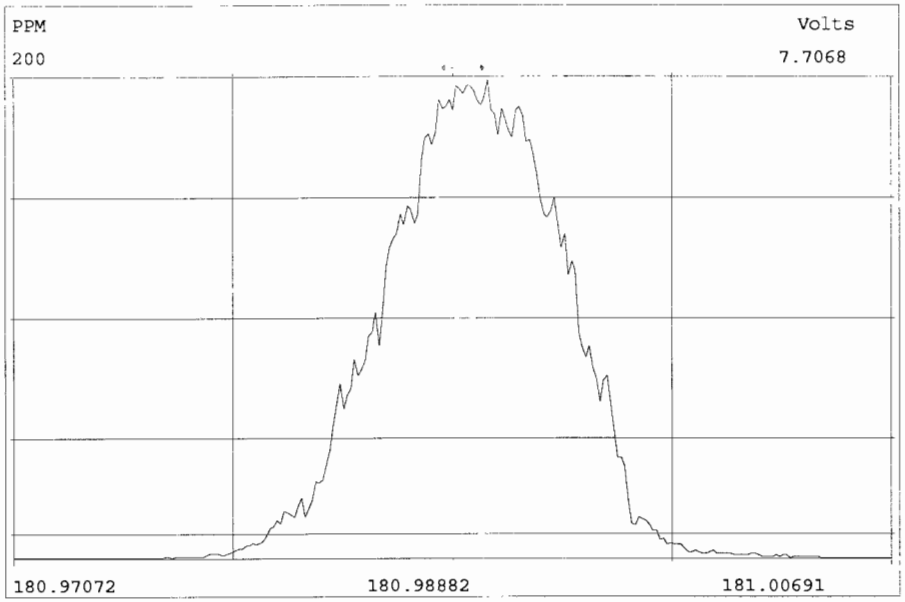
Vista Analytical Laboratory - Injection Log Run file: 180303E1 Instrument ID: VG-8 GC Column ID: ZB-1

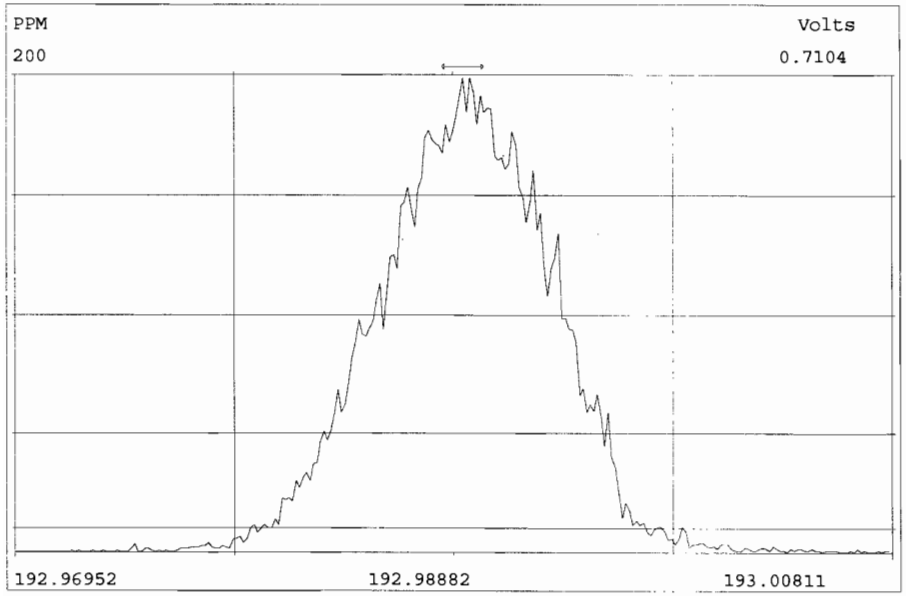
Data file	S#	Sample ID	Analyst	Acq date	Acq time	CCal	ECal
180303E1	1	ST180303E1-1	MAS	3-MAR-18	13:07:02	ST180303E1-1	NA
180303E1	2	SOLVENT BLANK	MAS	3-MAR-18	14:12:11	ST180303E1-1	NA
180303E1	3	1701338-01	MAS	3-MAR-18	15:17:18	ST180303E1-1	NA
180303E1	4	1701338-02	MAS	3-MAR-18	16:22:27	ST180303E1-1	NA
180303E1	5	1701338-03	MAS	3-MAR-18	17:27:35	ST180303E1-1	NA
180303E1	6	1701810-01	MAS	3-MAR-18	18:32:43	ST180303E1-1	NA
180303E1	7	1701810-02	MAS	3-MAR-18	19:37:51	ST180303E1-1	NA
180303E1	8	1701810-03	MAS	3-MAR-18	20:42:59	ST180303E1-1	NA
180303E1	9	1701941-01	MAS	3-MAR-18	21:48:07	ST180303E1-1	NA
180303E1	10	1701941-02	MAS	3-MAR-18	22:53:14	ST180303E1-1	NA
180303E1	11	1701941-03	MAS	3-MAR-18	23:58:21	ST180303E1-1	NA
180303E1	12	SOLVENT BLANK	MAS	4-MAR-18	01:03:31	ST180303E1-1	NA

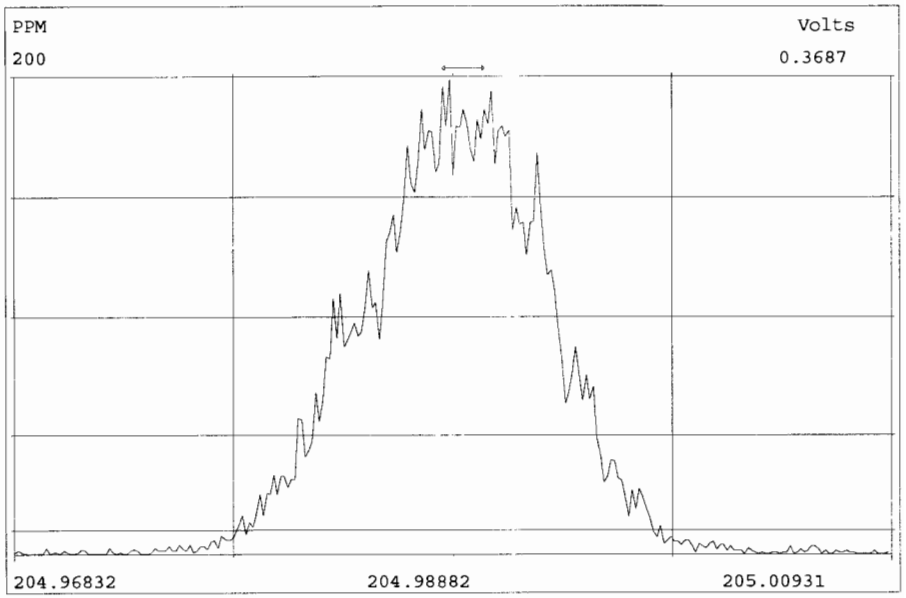
Peak Locate Examination: 3-MAR-2018:13:05 File:180303E1

Experiment:PCB_ZB1 Function:1 Reference:PFK



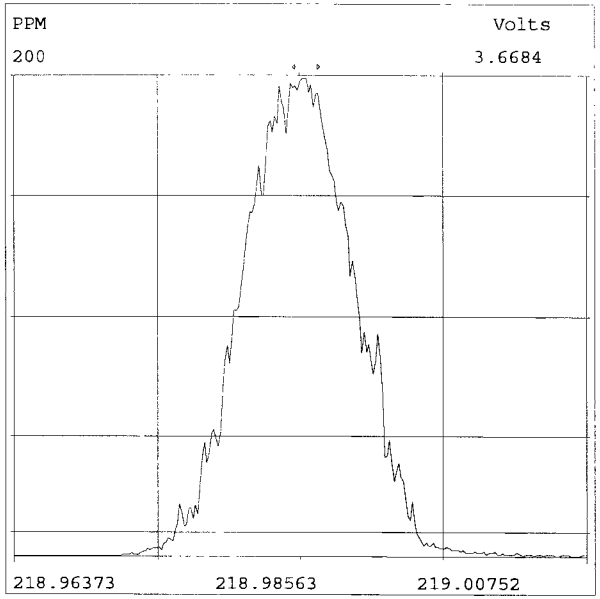


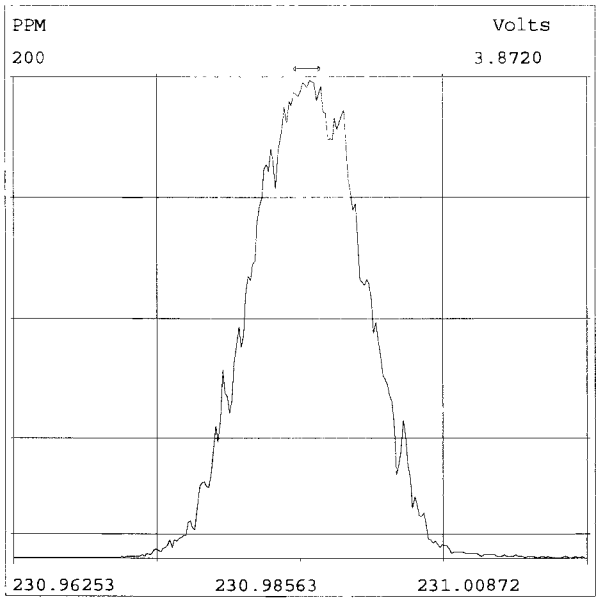


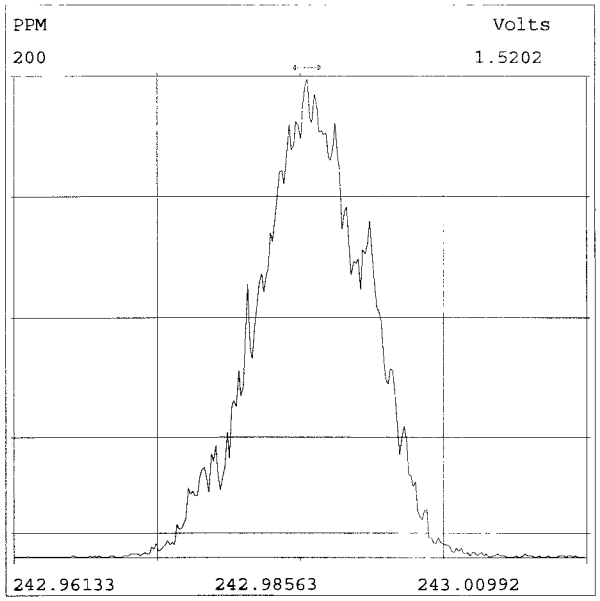


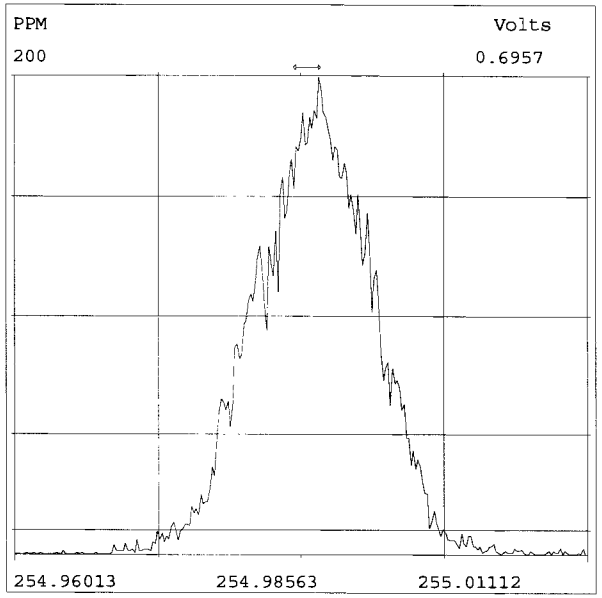
Peak Locate Examination: 3-MAR-2018:13:05 File:180303E1

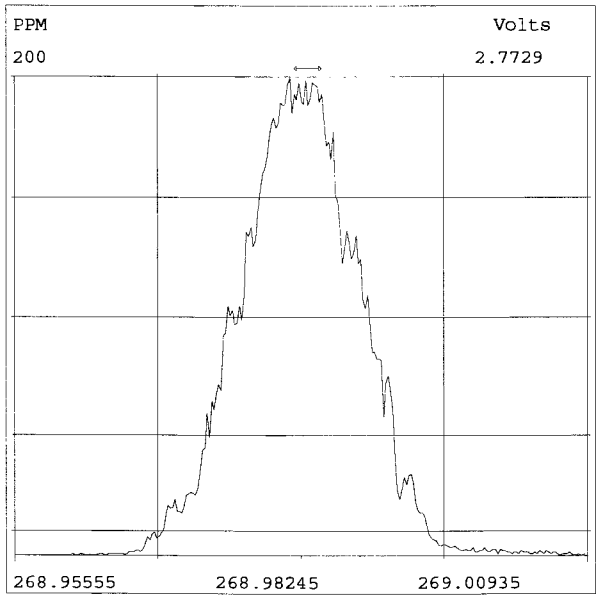
Experiment:PCB_ZB1 Function:2 Reference:PFK

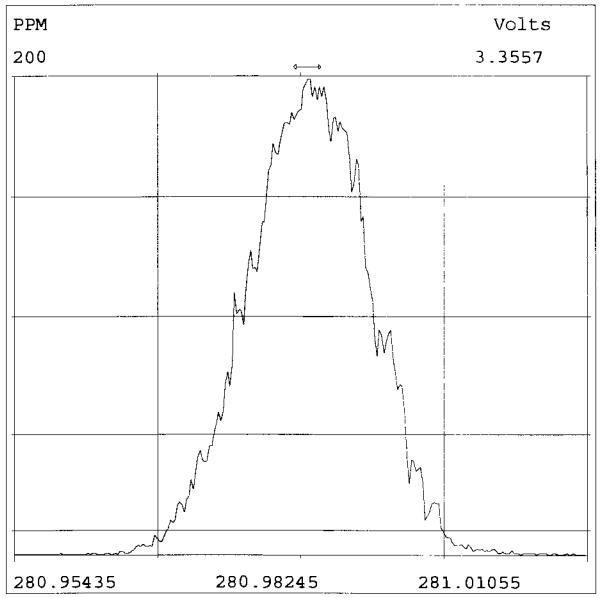






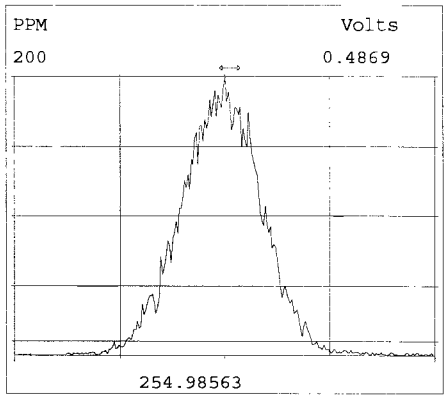


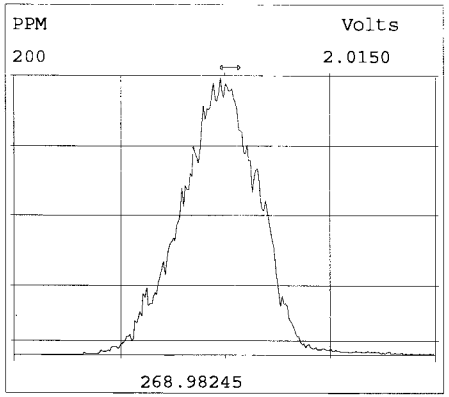


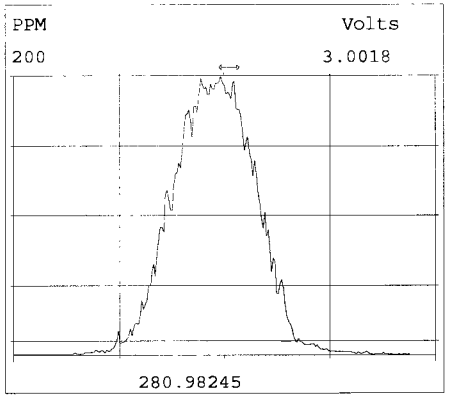


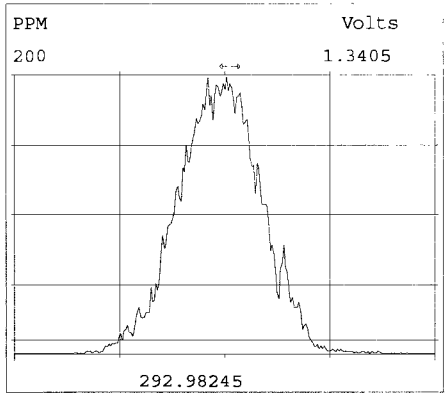
Peak Locate Examination: 3-MAR-2018:13:05 File:180303E1

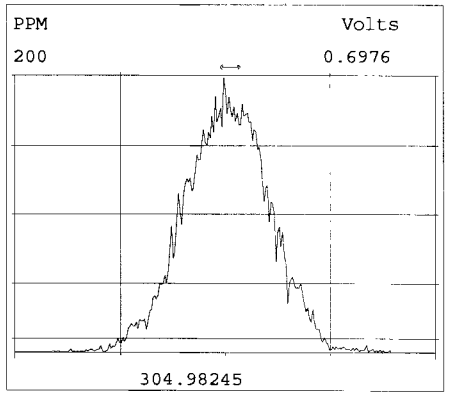
Experiment:PCB_ZB1 Function:3 Reference:PFK

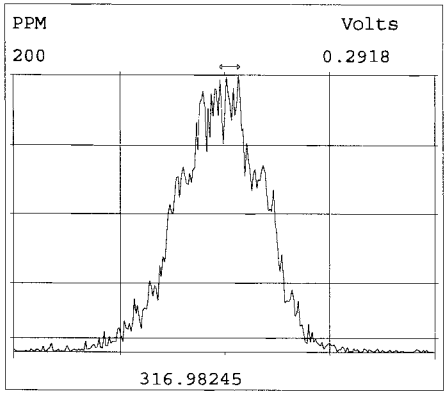


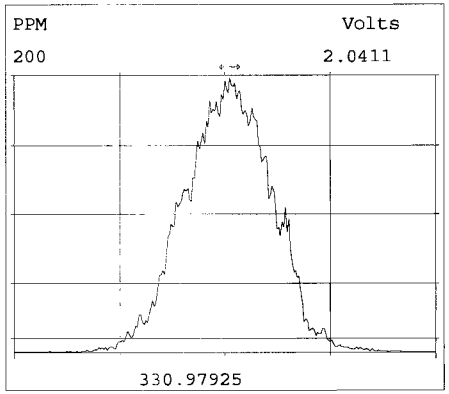


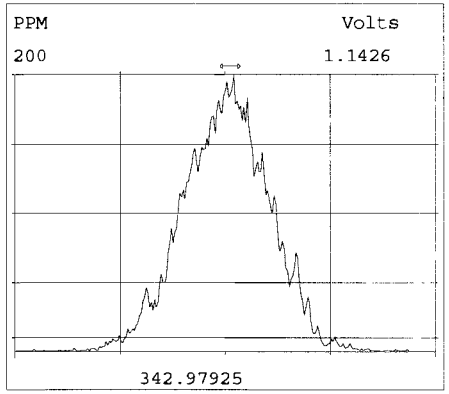


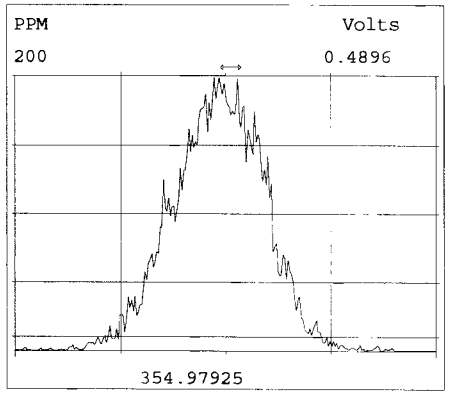


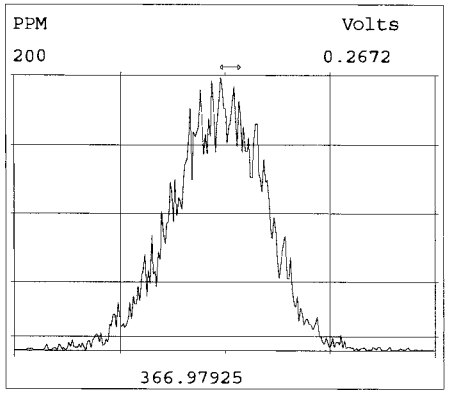


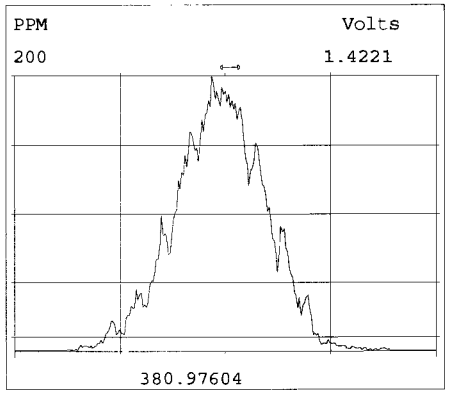






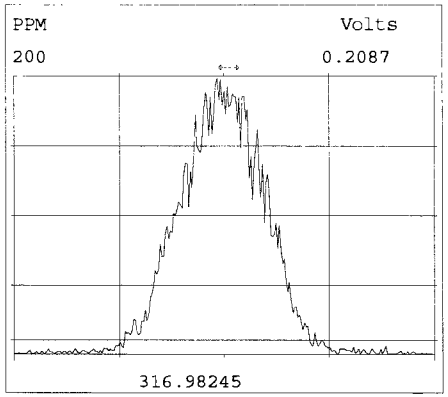


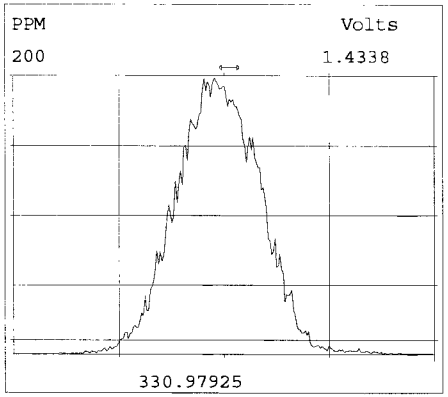


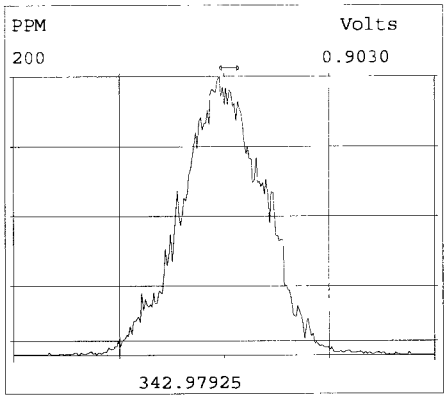


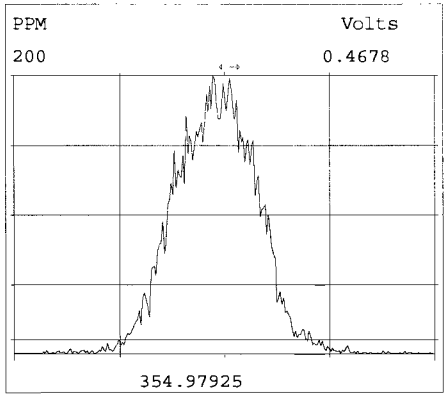
Peak Locate Examination: 3-MAR-2018:13:06 File:180303E1

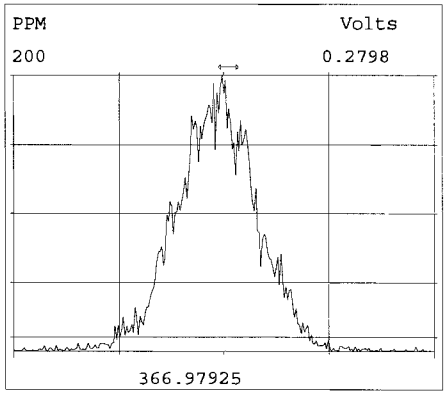
Experiment:PCB_ZB1 Function:4 Reference:PFK

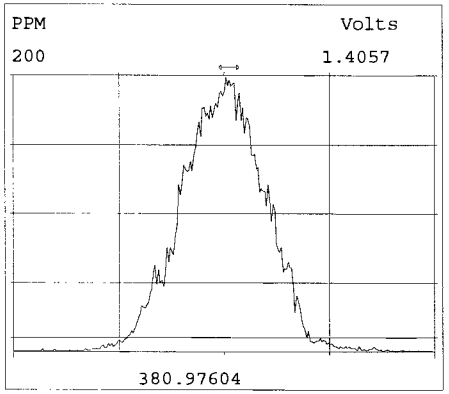


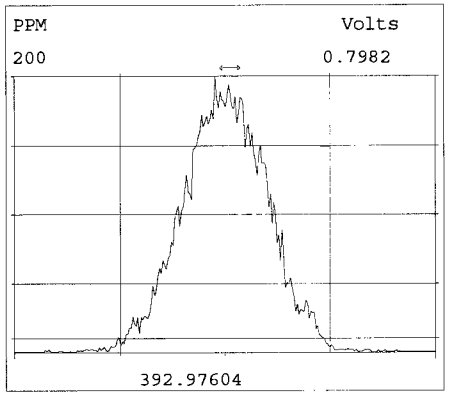


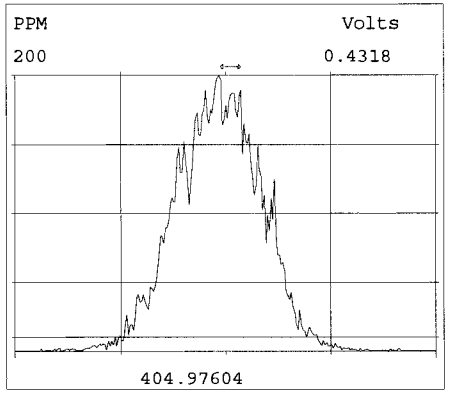


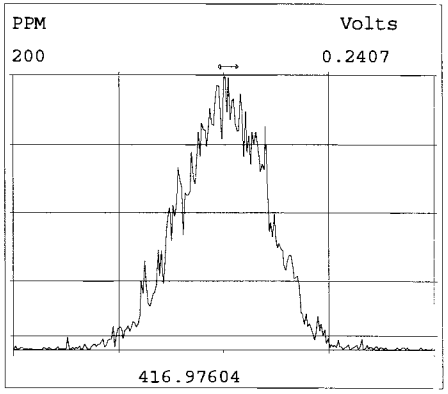


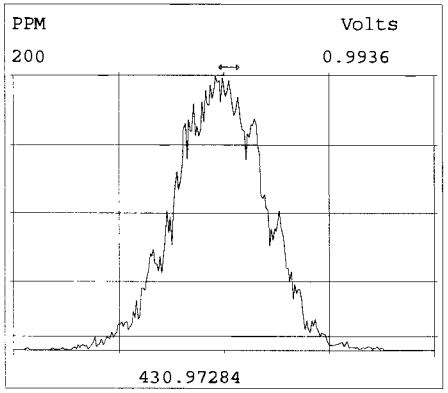


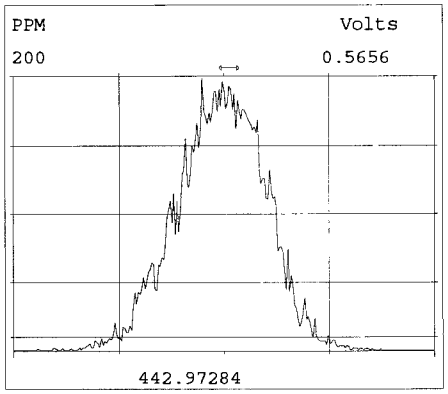






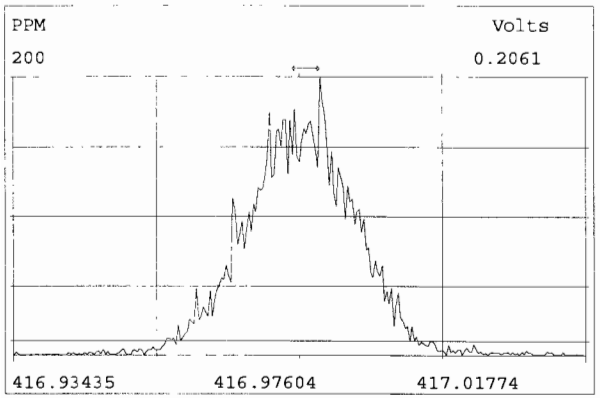


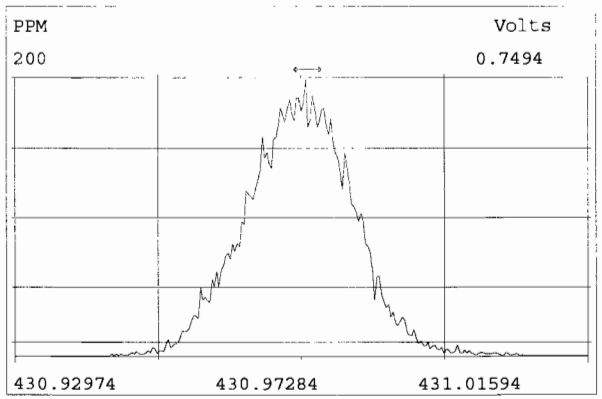


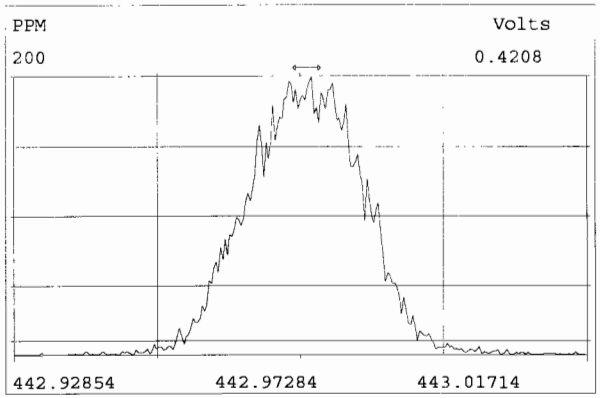


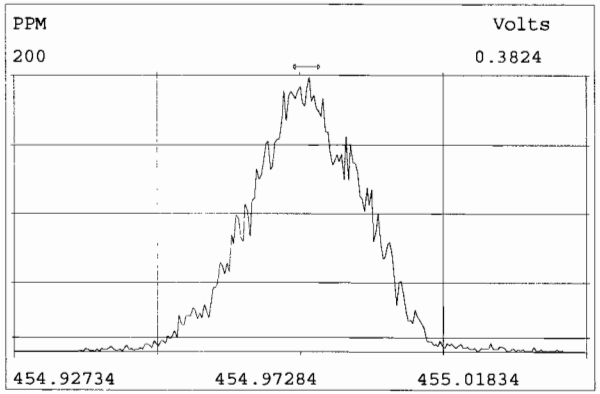
Peak Locate Examination: 3-MAR-2018:13:06 File:180303E1

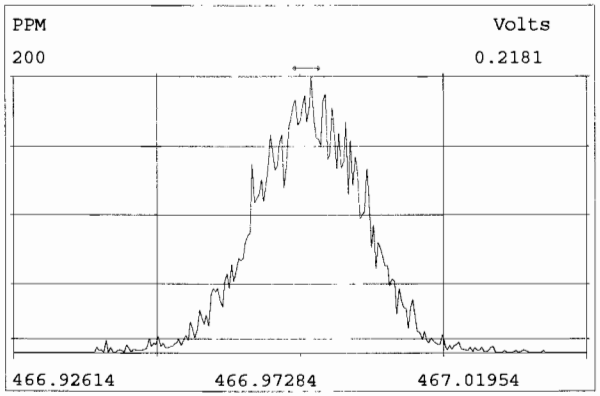
Experiment:PCB_ZB1 Function:5 Reference:PFK

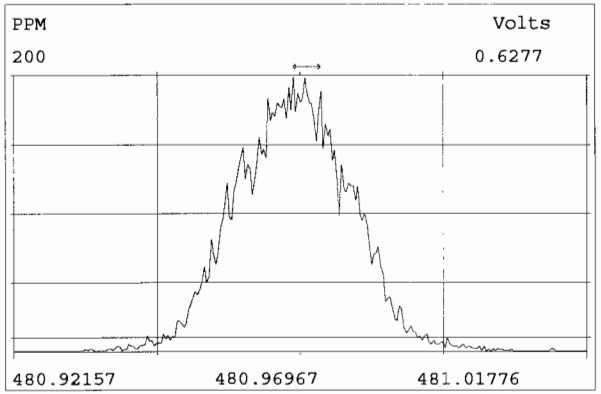


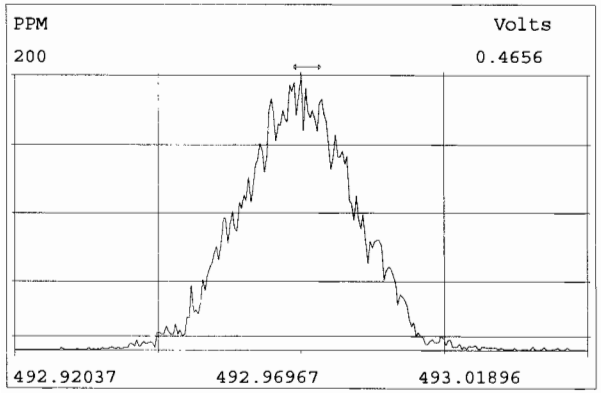


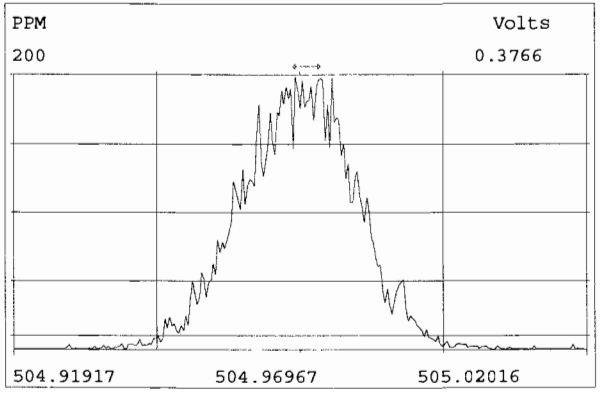


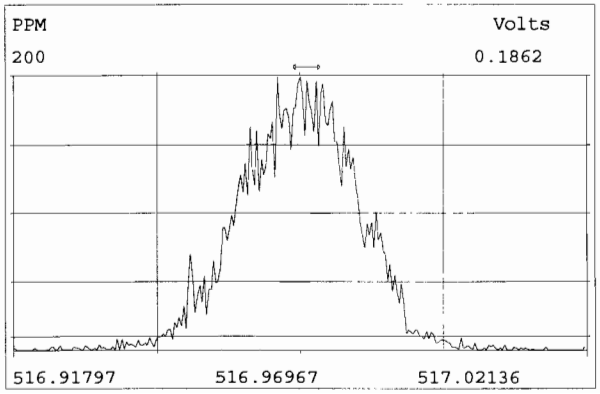






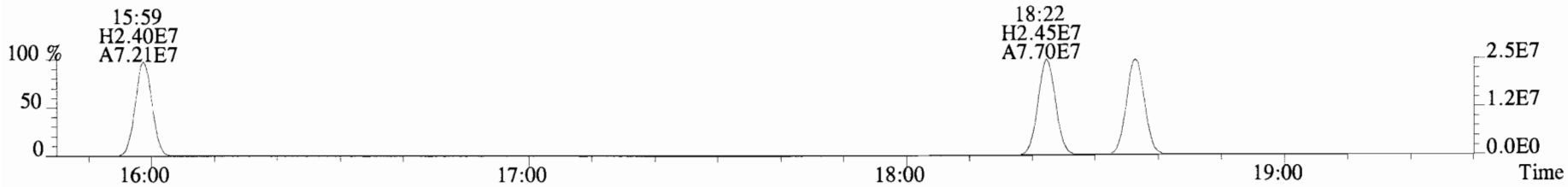




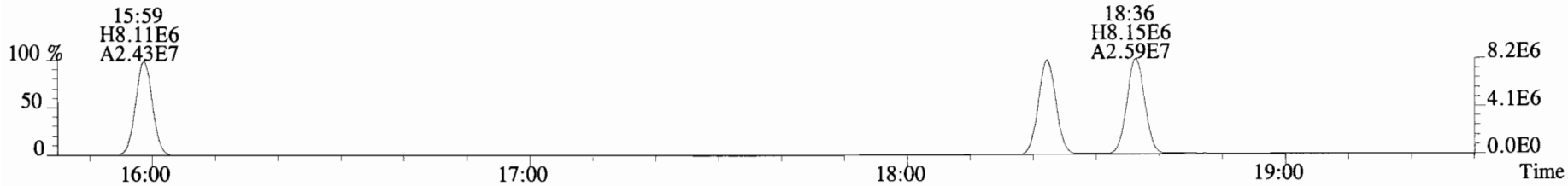


File:180303E1 #1-866 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1

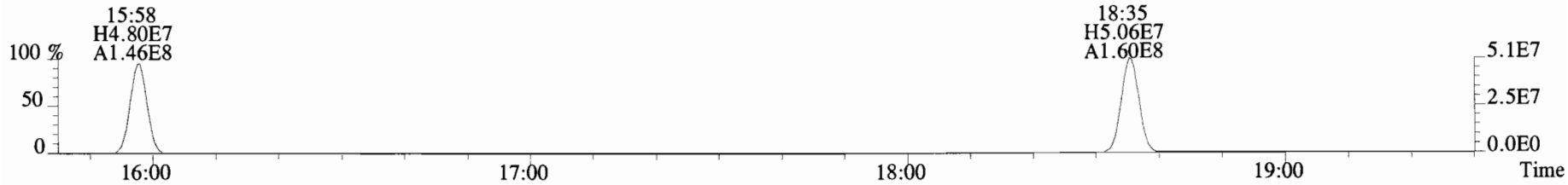
188.0393 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15868.0,0.00%,F,F)



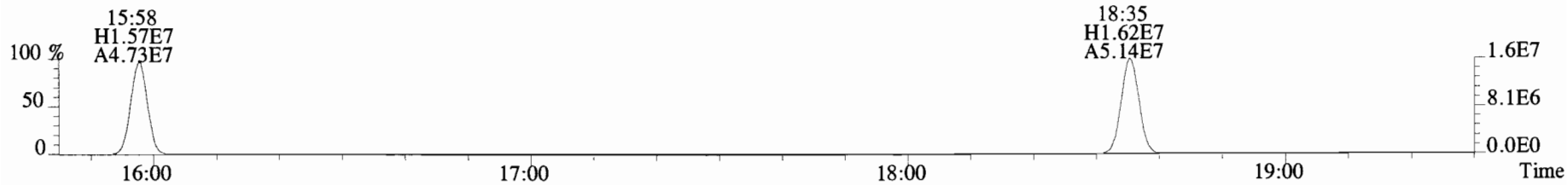
190.0363 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10896.0,0.00%,F,F)



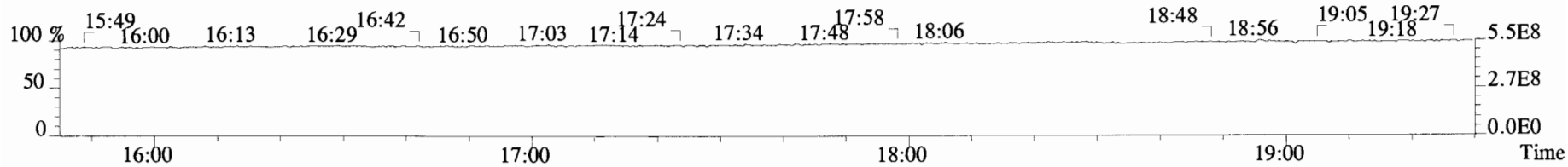
200.0795 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10112.0,0.00%,F,F)



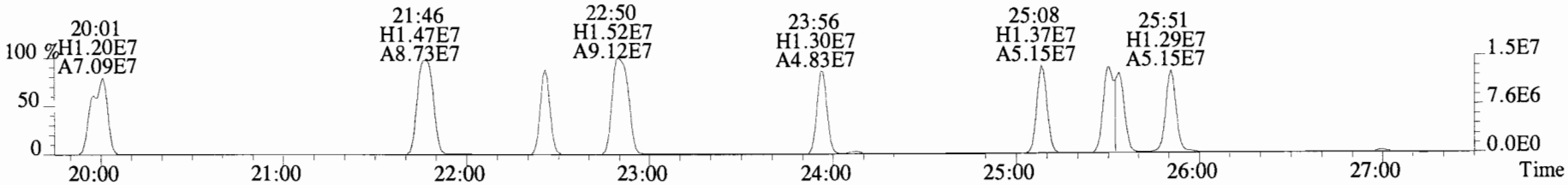
202.0766 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12852.0,0.00%,F,F)



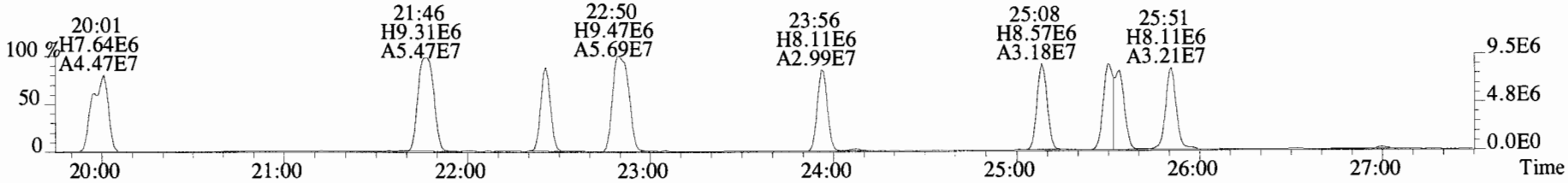
180.9880



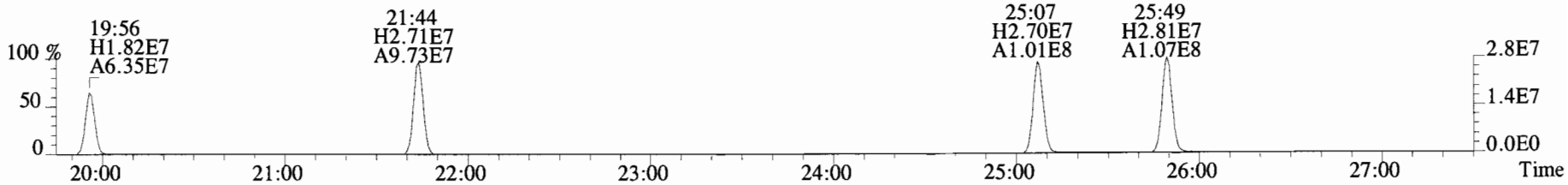
File:180303E1 #1-757 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
222.0003 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8232.0,0.00%,F,F)



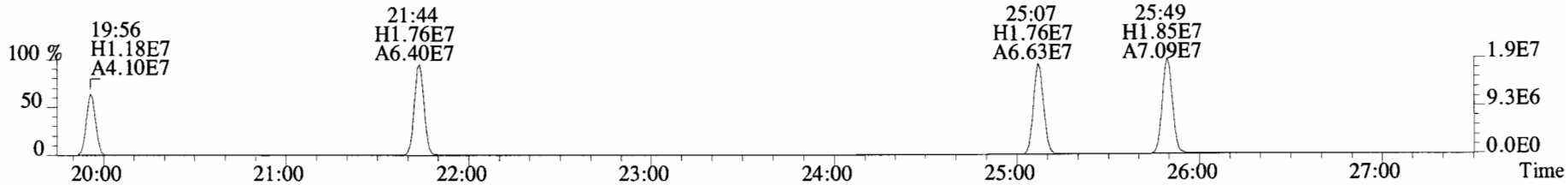
223.9974 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,85020.0,0.00%,F,F)



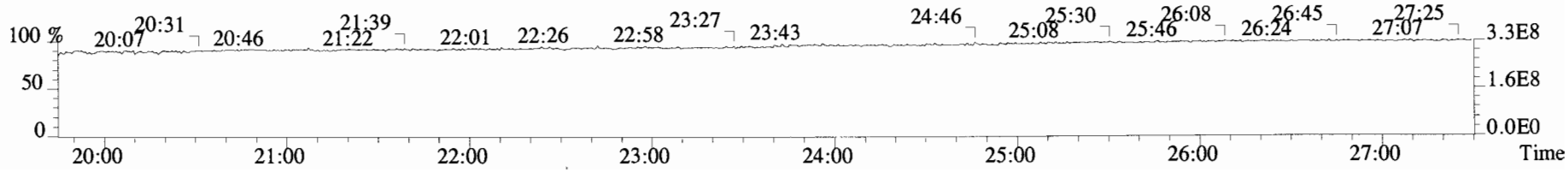
234.0406 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8160.0,0.00%,F,F)



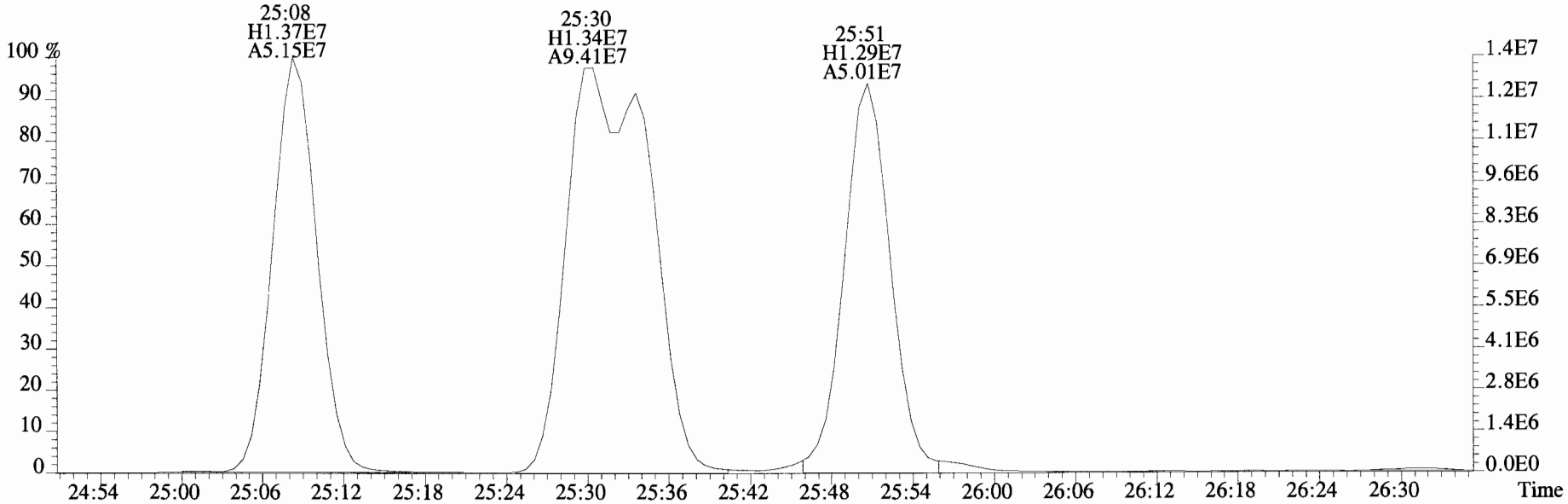
236.0376 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5712.0,0.00%,F,F)



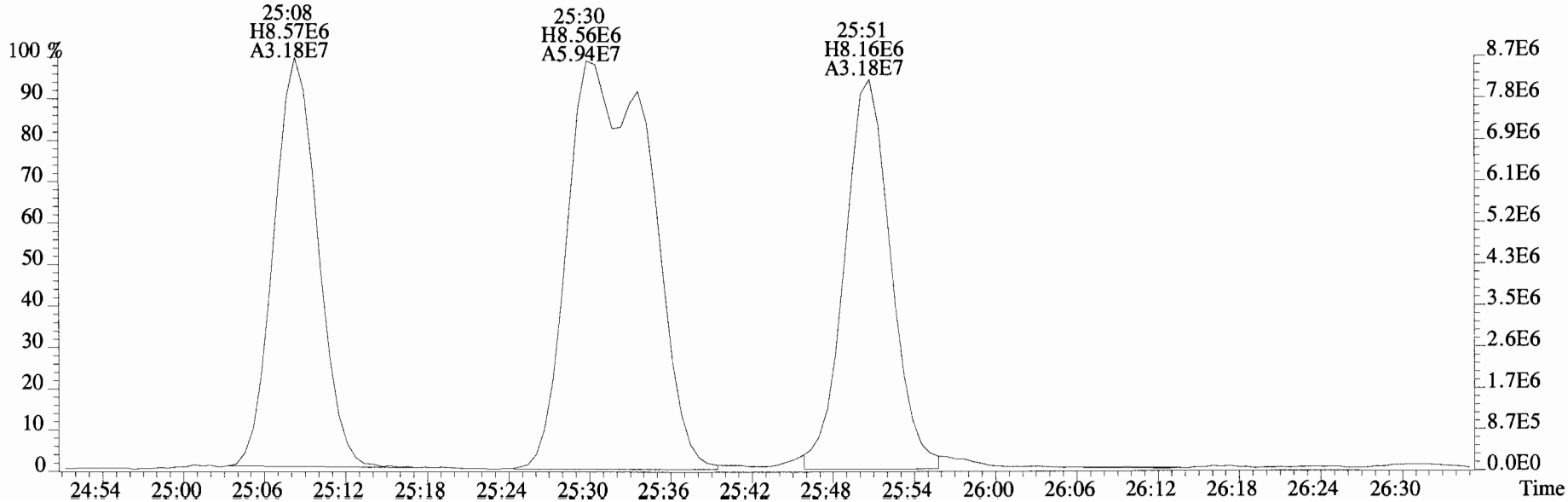
230.9856 F:2



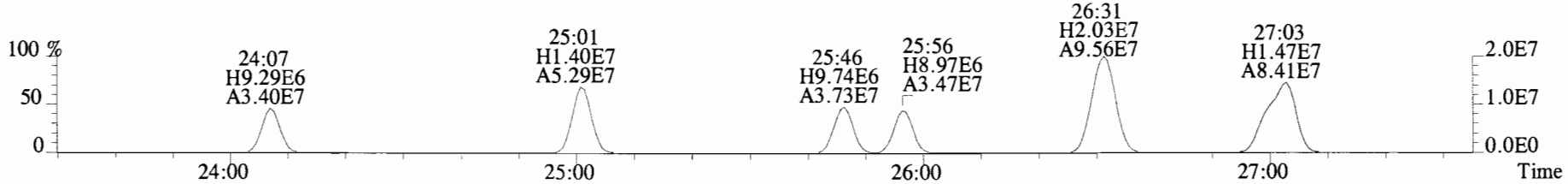
File:180303E1 #1-757 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
222.0003 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8232.0,0.00%,F,F)



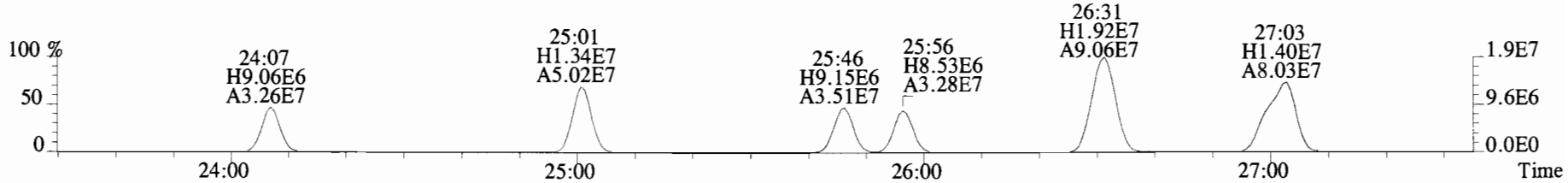
223.9974 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,85020.0,0.00%,F,F)



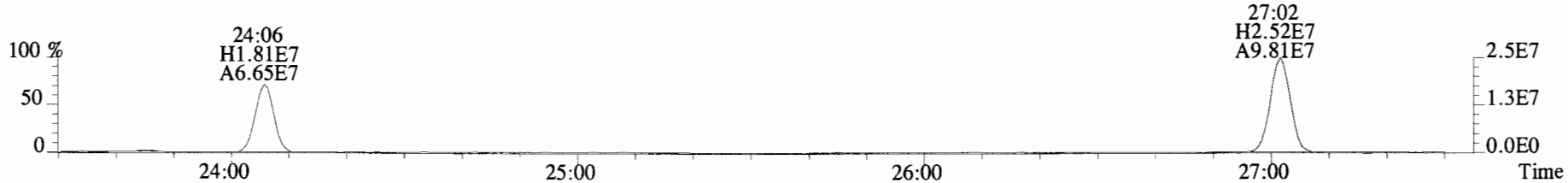
File:180303E1 #1-757 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5520.0,0.00%,F,F)



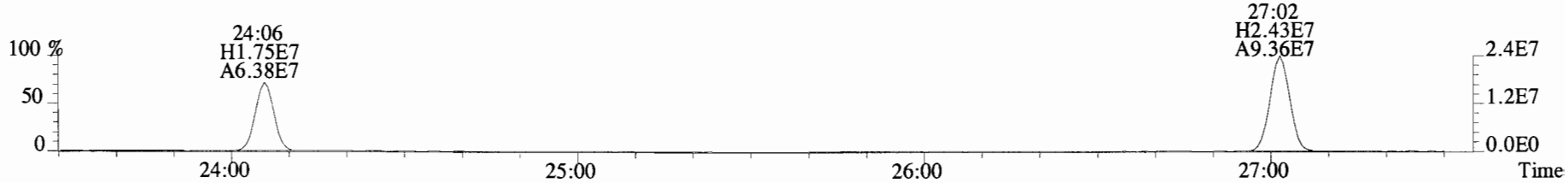
257.9584 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3572.0,0.00%,F,F)



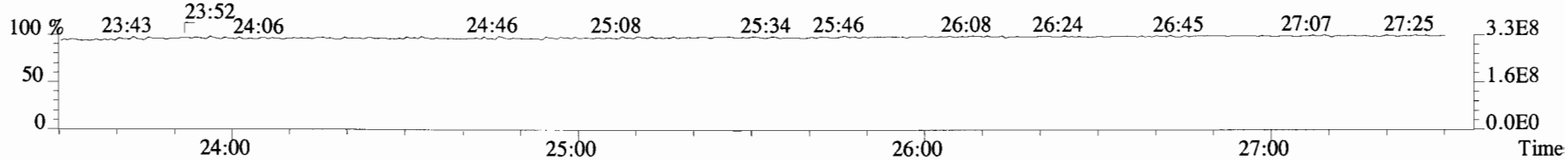
268.0016 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,232208.0,0.00%,F,F)



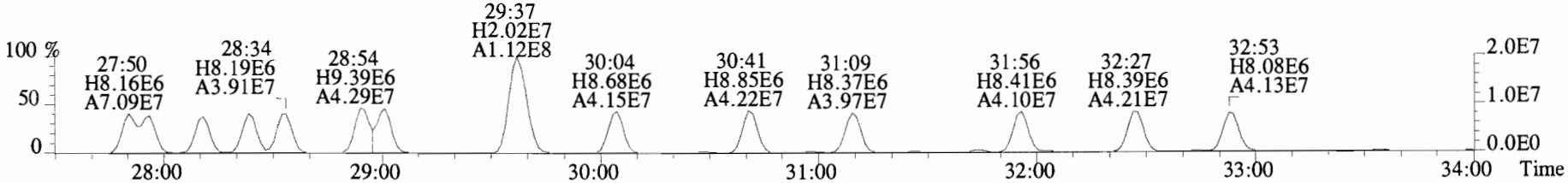
269.9986 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,133844.0,0.00%,F,F)



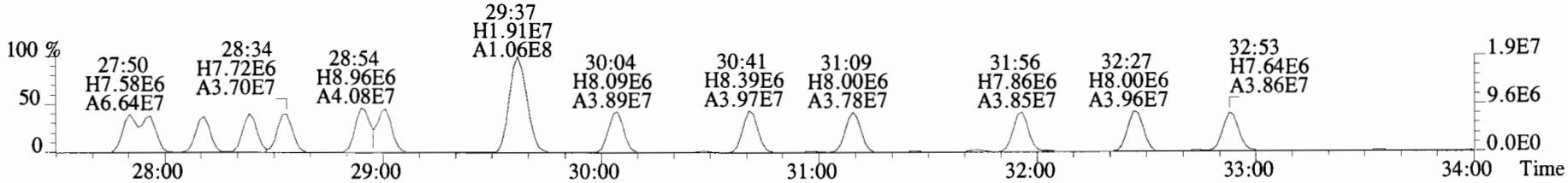
230.9856 F:2



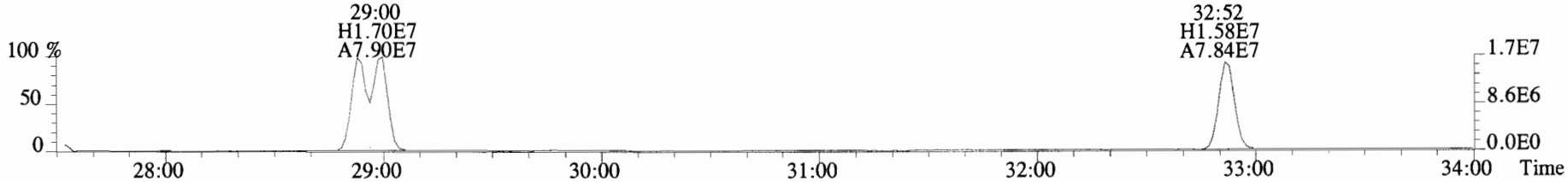
File:180303E1 #1-756 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11468.0,0.00%,F,F)



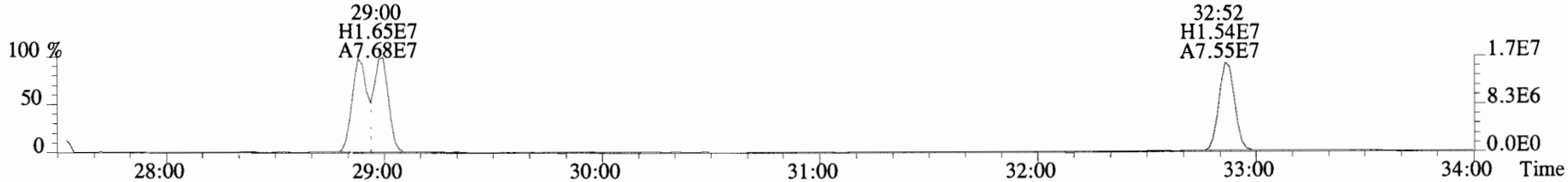
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17924.0,0.00%,F,F)



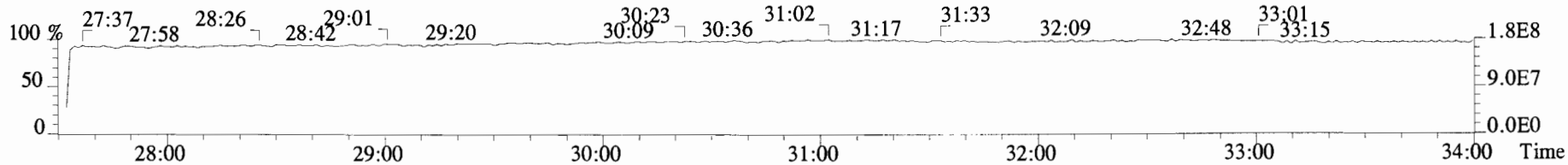
268.0016 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,224108.0,0.00%,F,F)



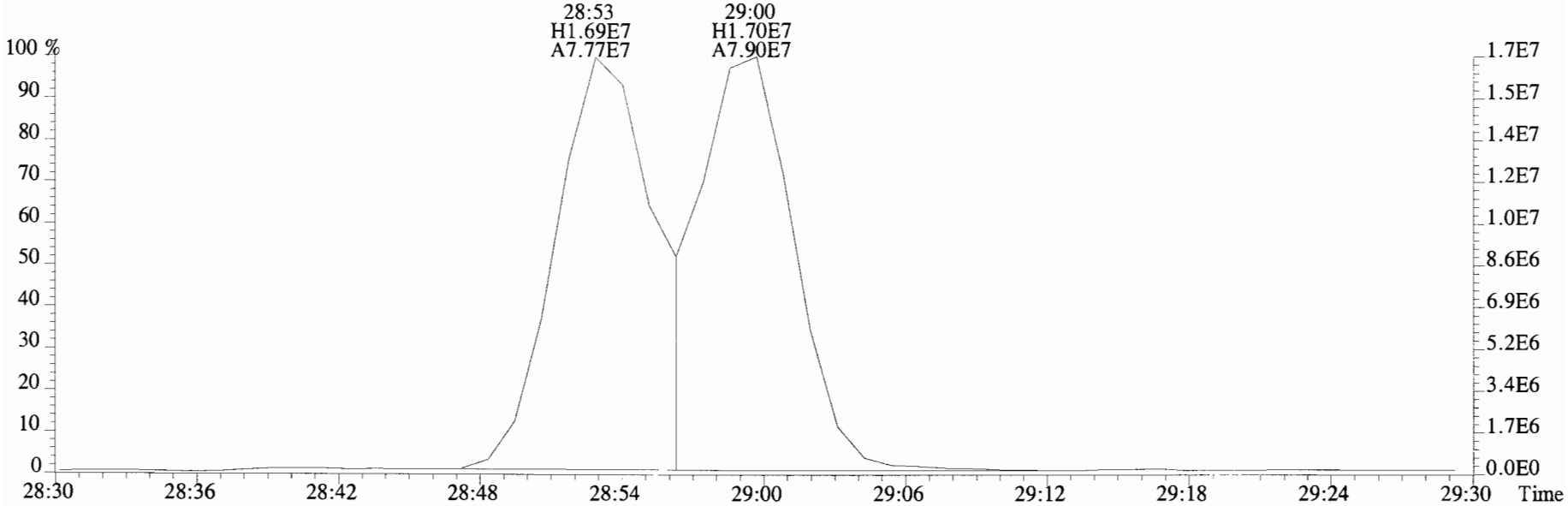
269.9986 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,85096.0,0.00%,F,F)



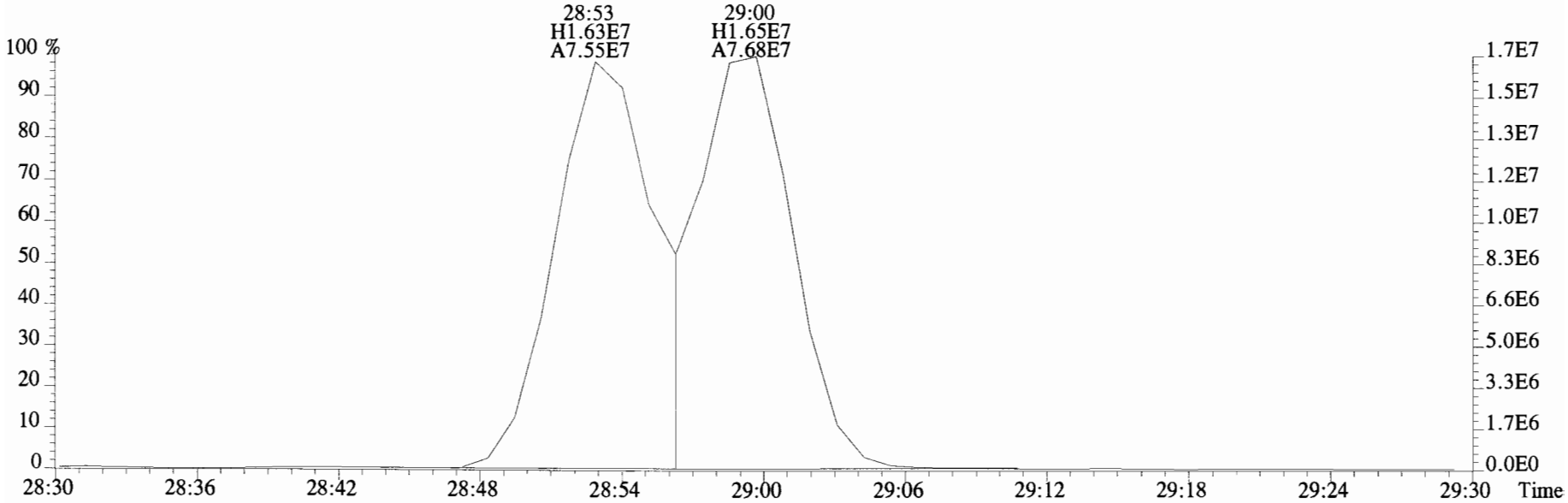
330.9792 F:3



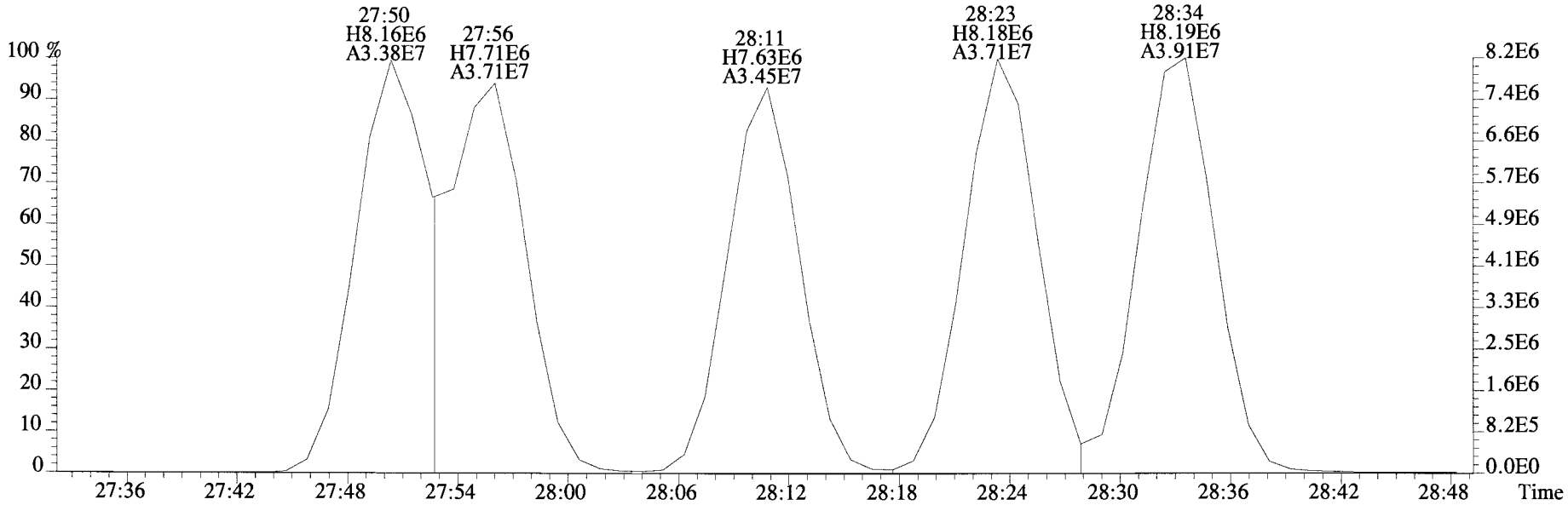
File:180303E1 #1-756 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
268.0016 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,224108.0,0.00%,F,F)



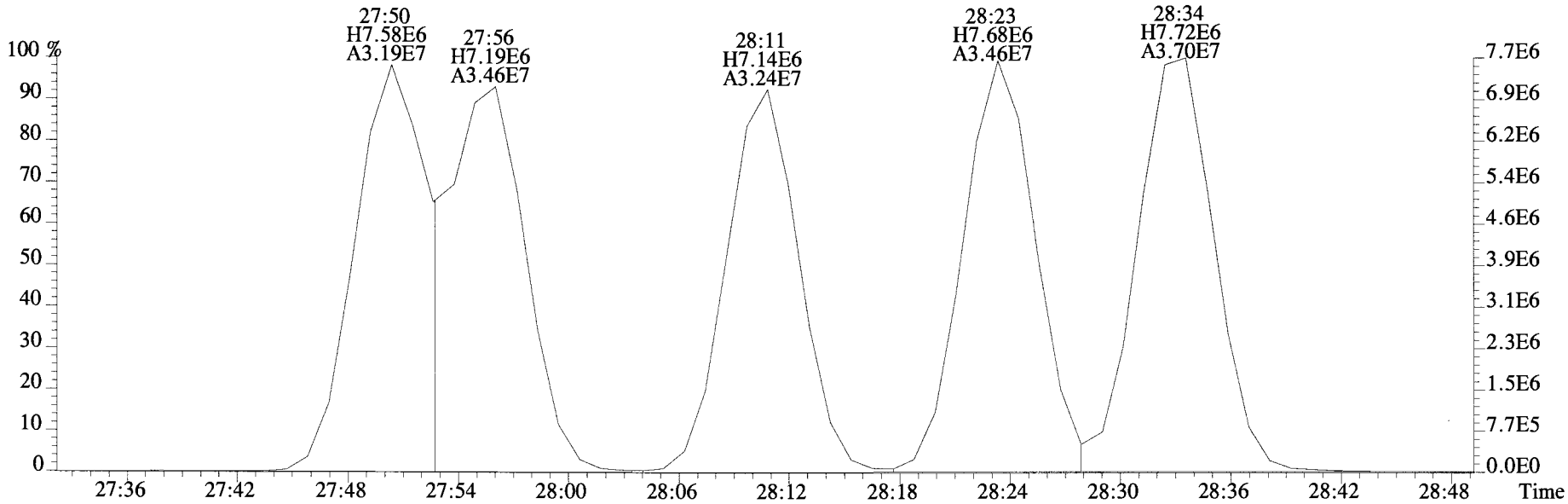
269.9986 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,85096.0,0.00%,F,F)



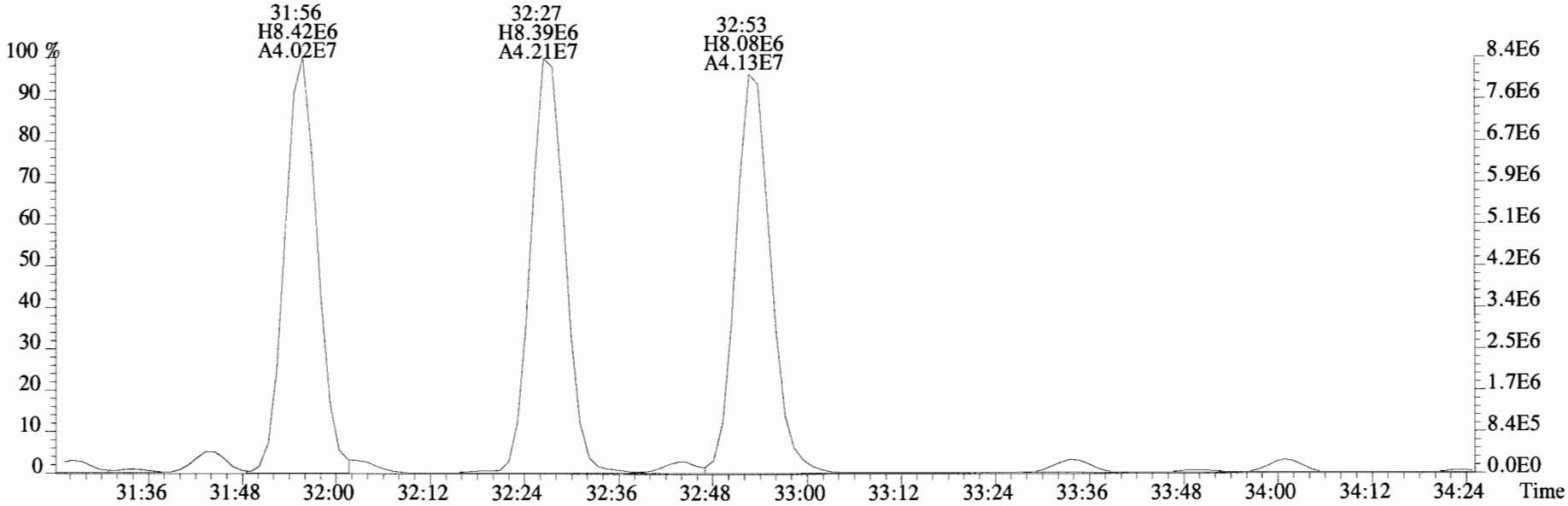
File:180303E1 #1-756 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11468.0,0.00%,F,F)



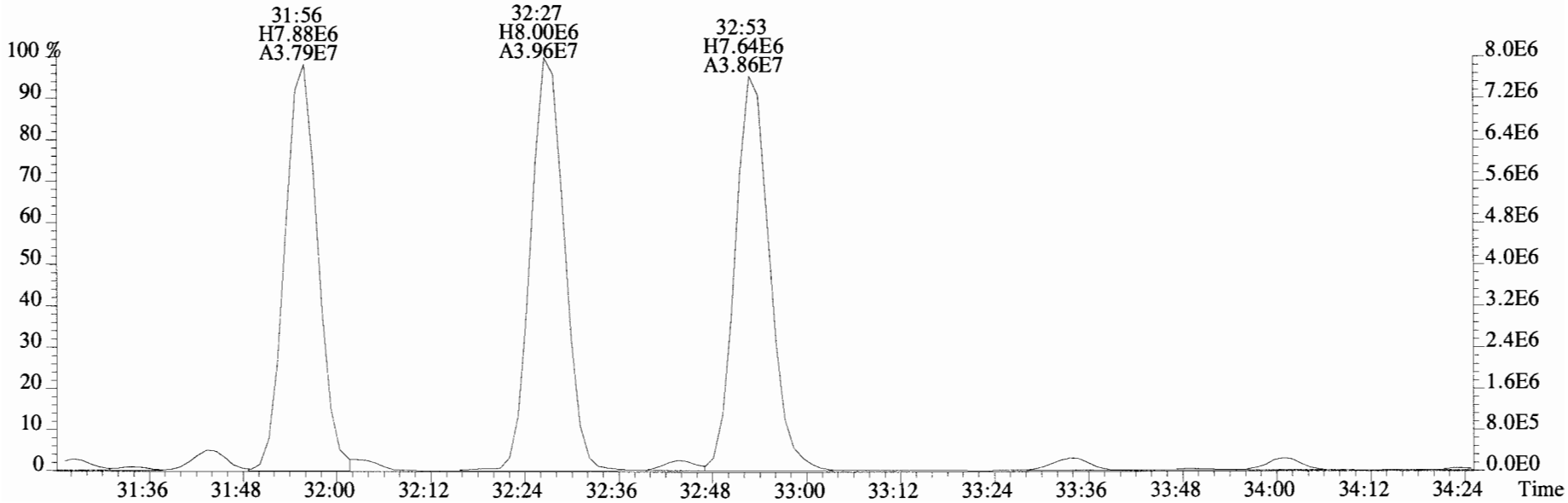
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17924.0,0.00%,F,F)



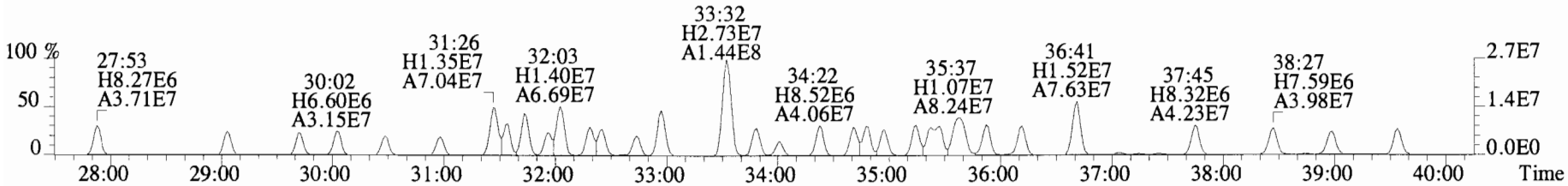
File:180303E1 #1-756 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11468.0,0.00%,F,F)



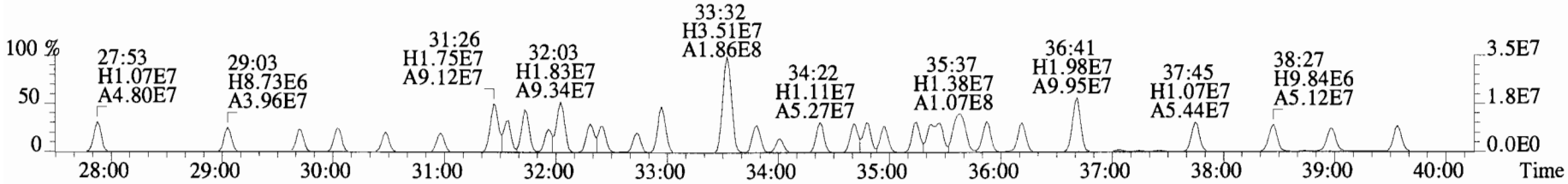
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17924.0,0.00%,F,F)



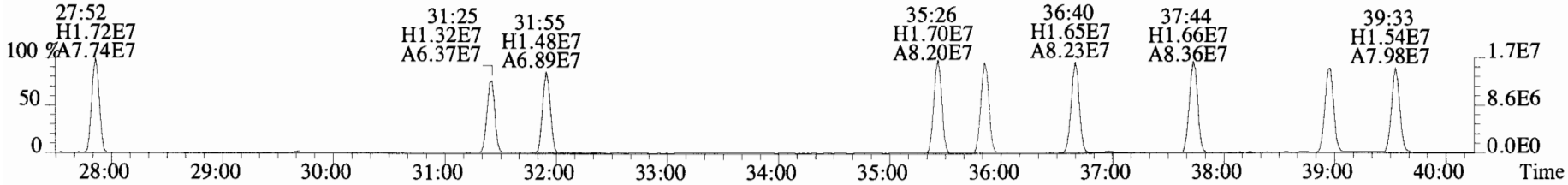
File:180303E1 #1-756 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24516.0,0.00%,F,F)



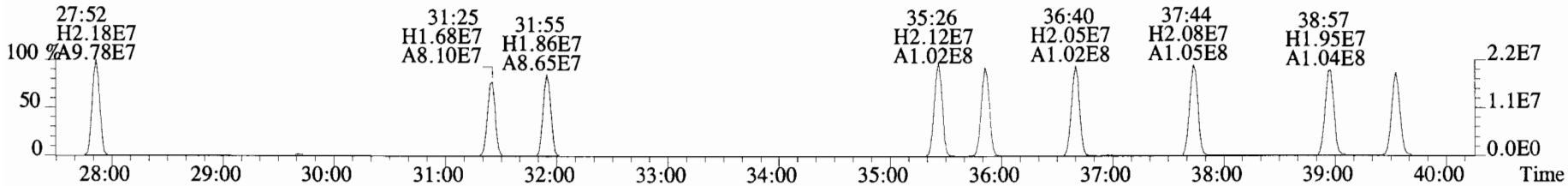
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,31096.0,0.00%,F,F)



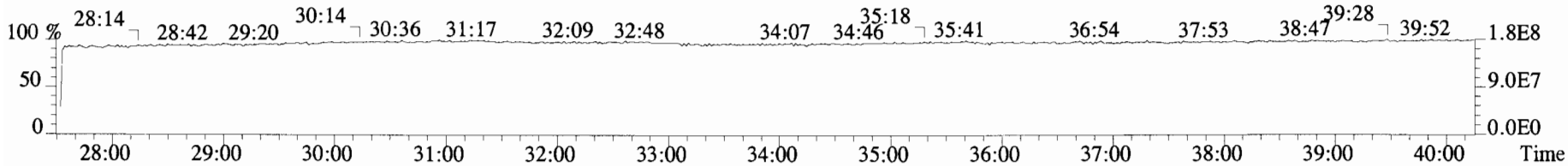
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,84816.0,0.00%,F,F)



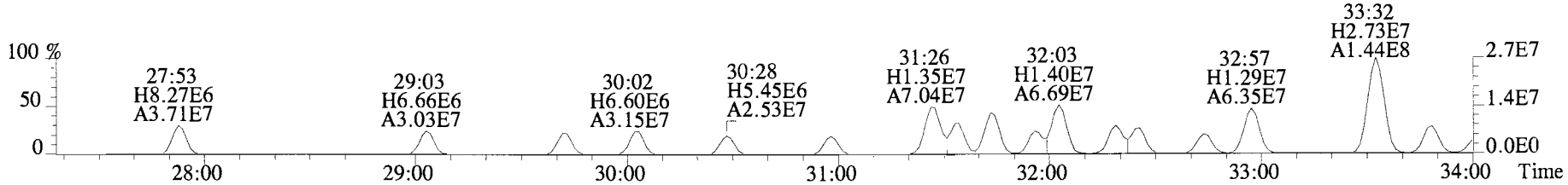
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36876.0,0.00%,F,F)



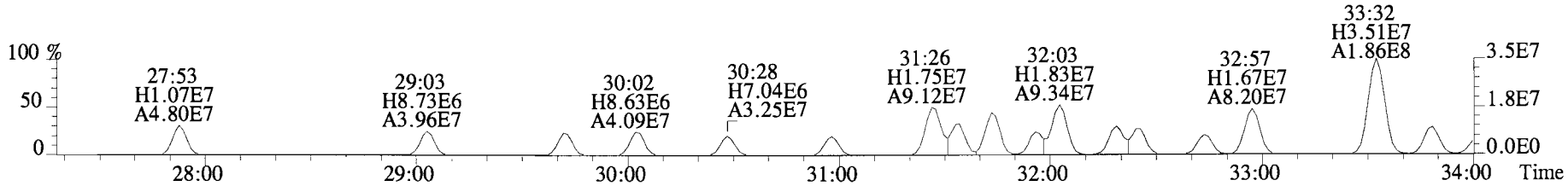
330.9792 F:3



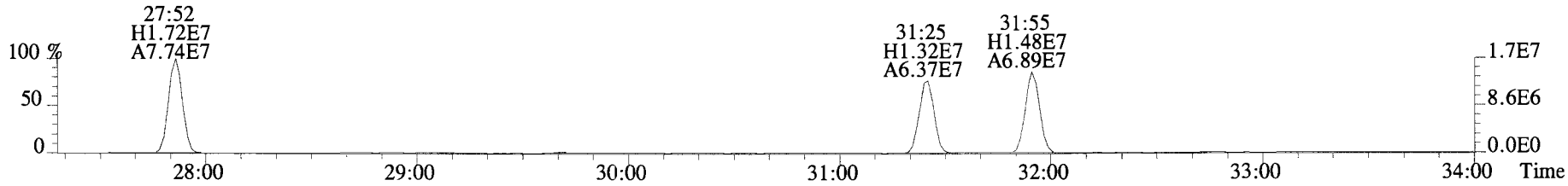
File:180303E1 #1-756 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24516.0,0.00%,F,F)



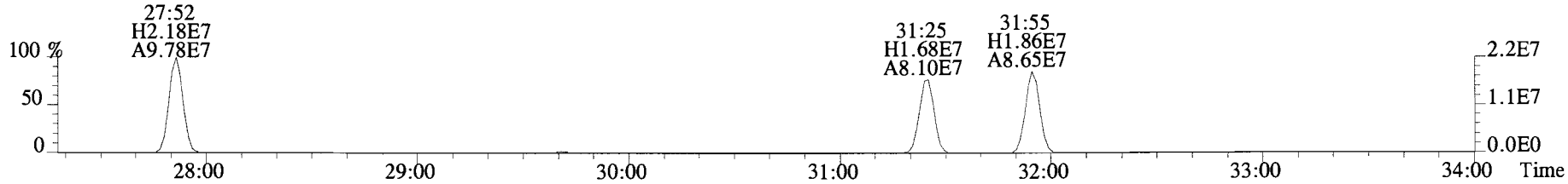
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,31096.0,0.00%,F,F)



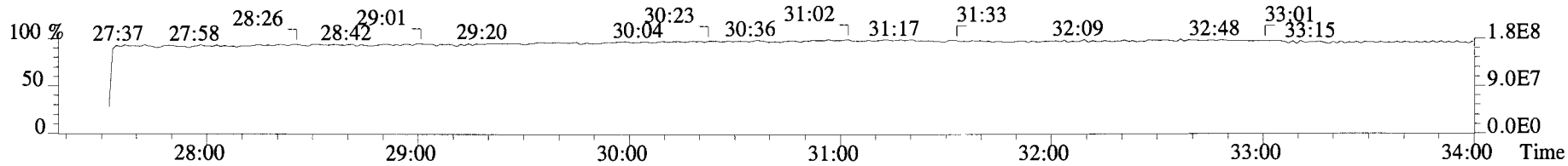
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,84816.0,0.00%,F,F)



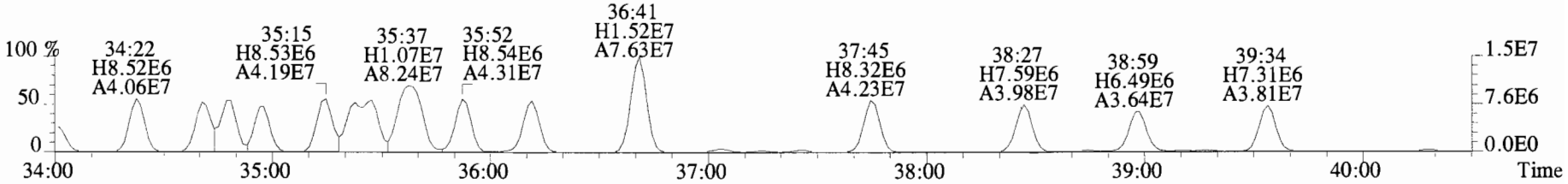
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36876.0,0.00%,F,F)



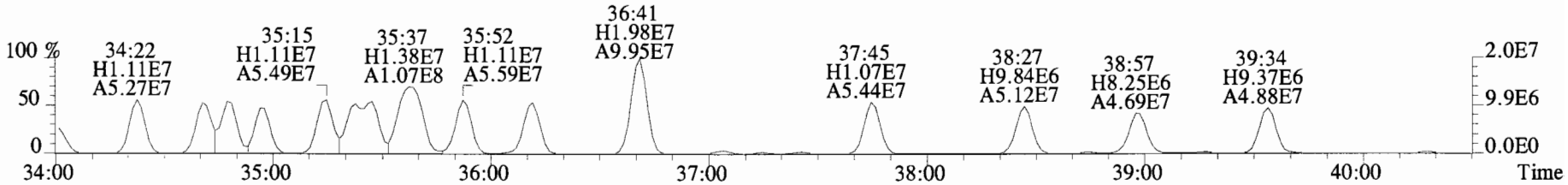
330.9792 F:3



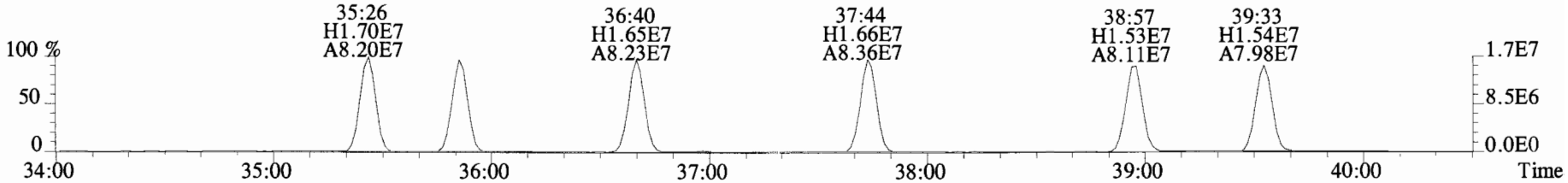
File:180303E1 #1-756 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24516.0,0.00%,F,F)



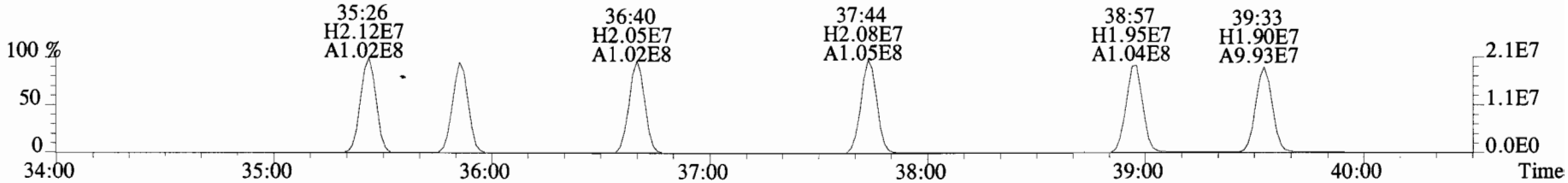
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,31096.0,0.00%,F,F)



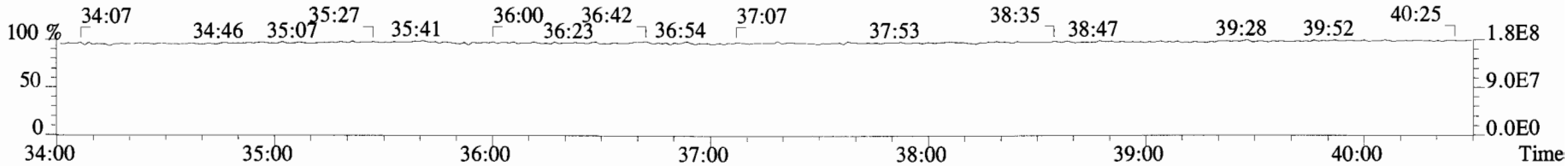
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,84816.0,0.00%,F,F)



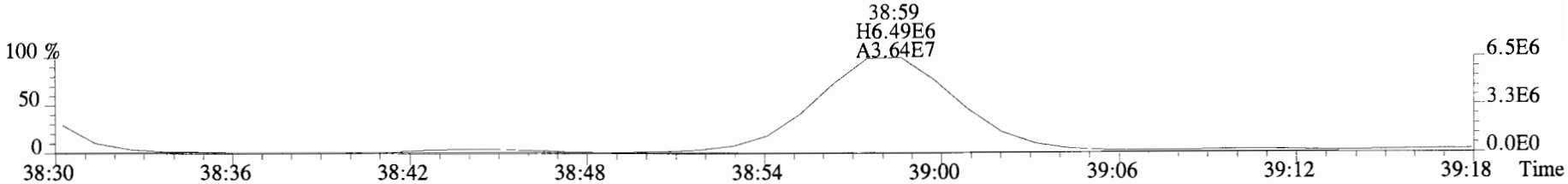
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36876.0,0.00%,F,F)



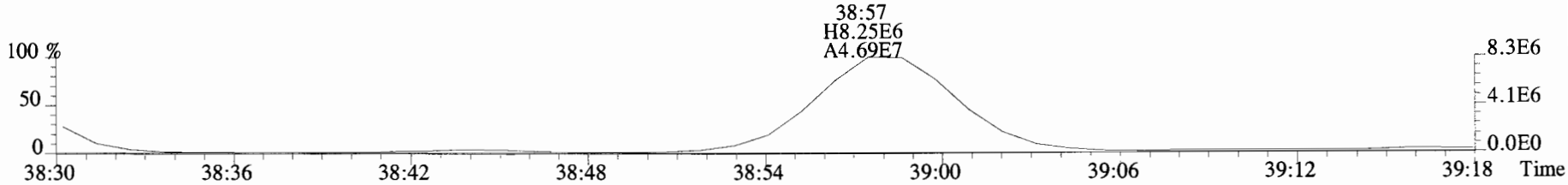
330.9792 F:3



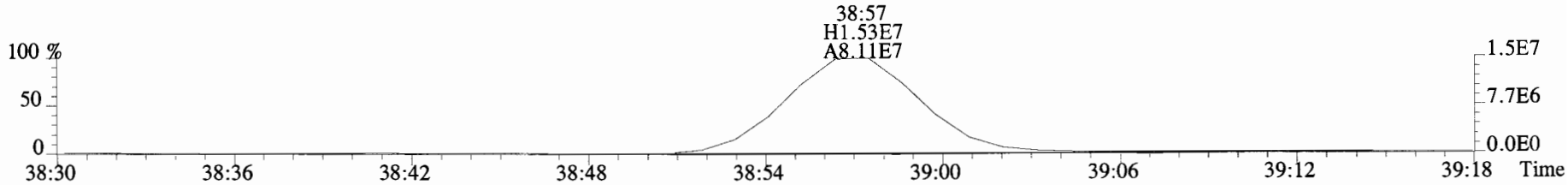
File:180303E1 #1-756 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24516.0,0.00%,F,F)



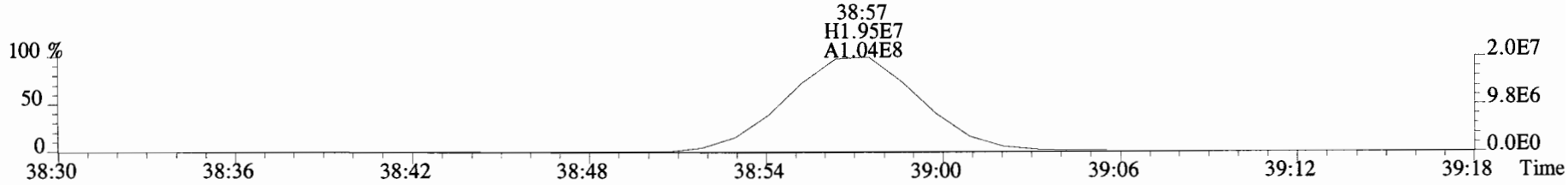
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,31096.0,0.00%,F,F)



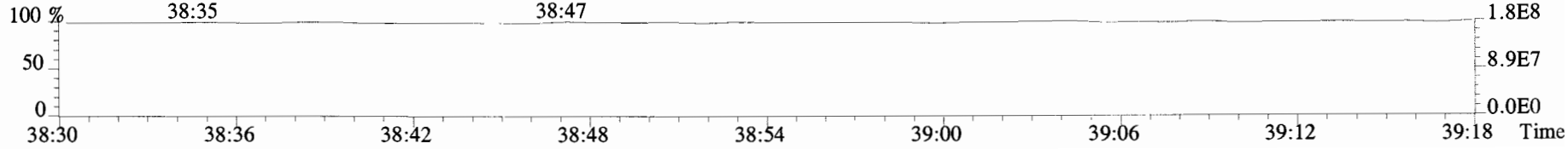
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,84816.0,0.00%,F,F)



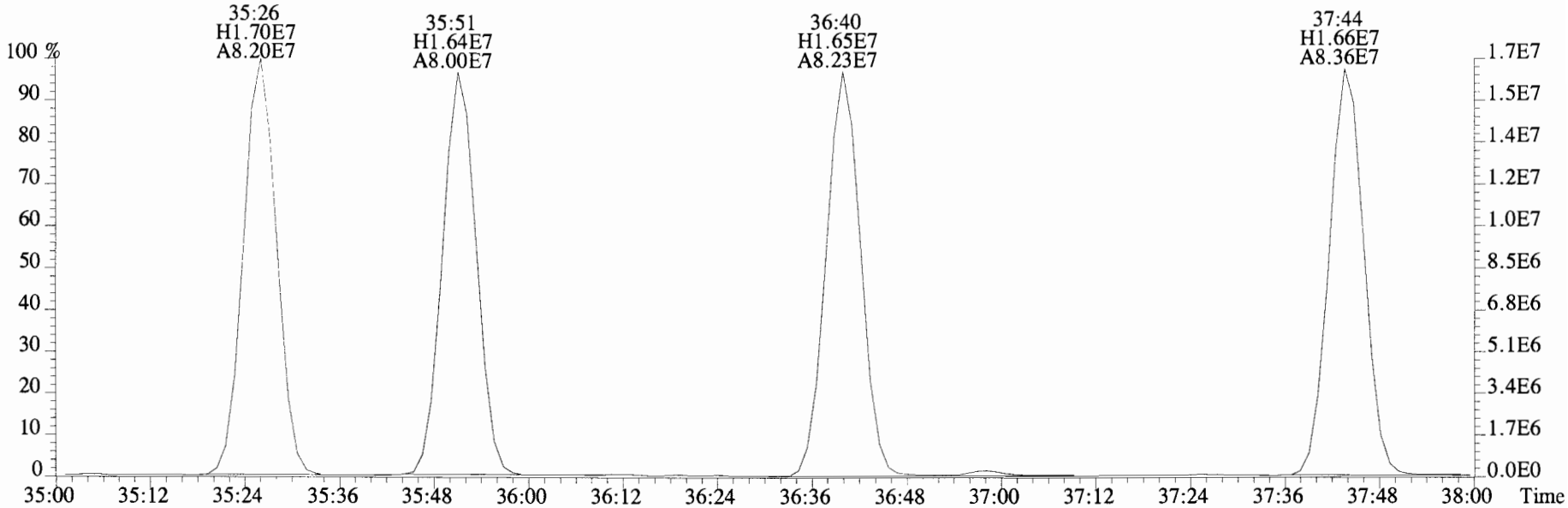
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36876.0,0.00%,F,F)



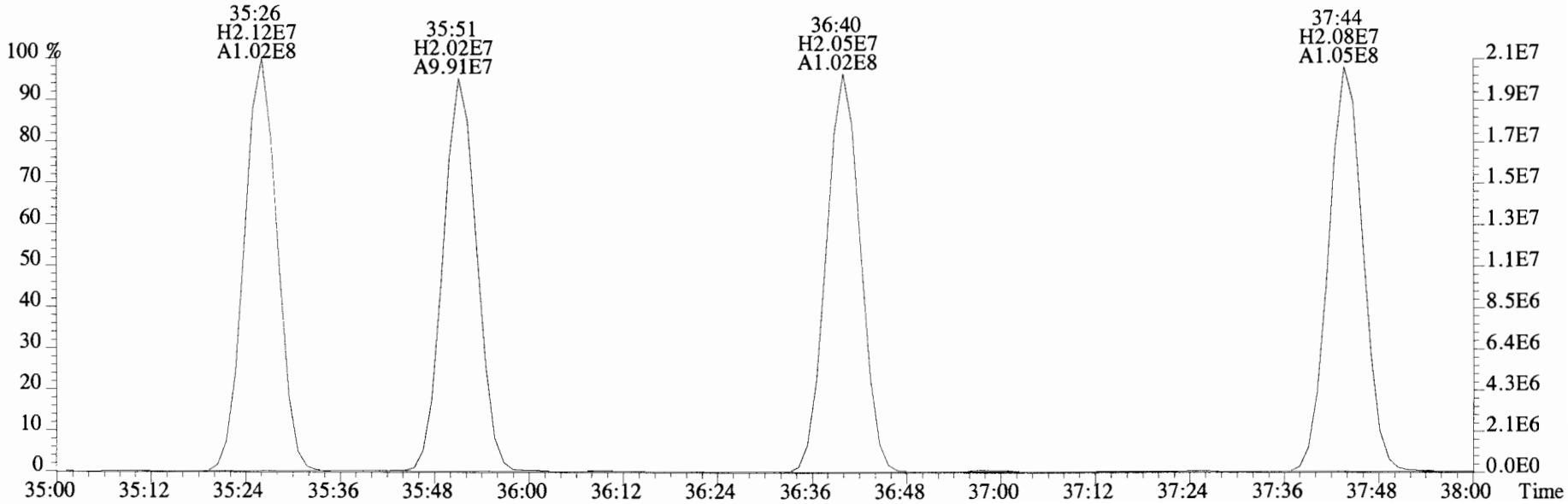
330.9792 F:3



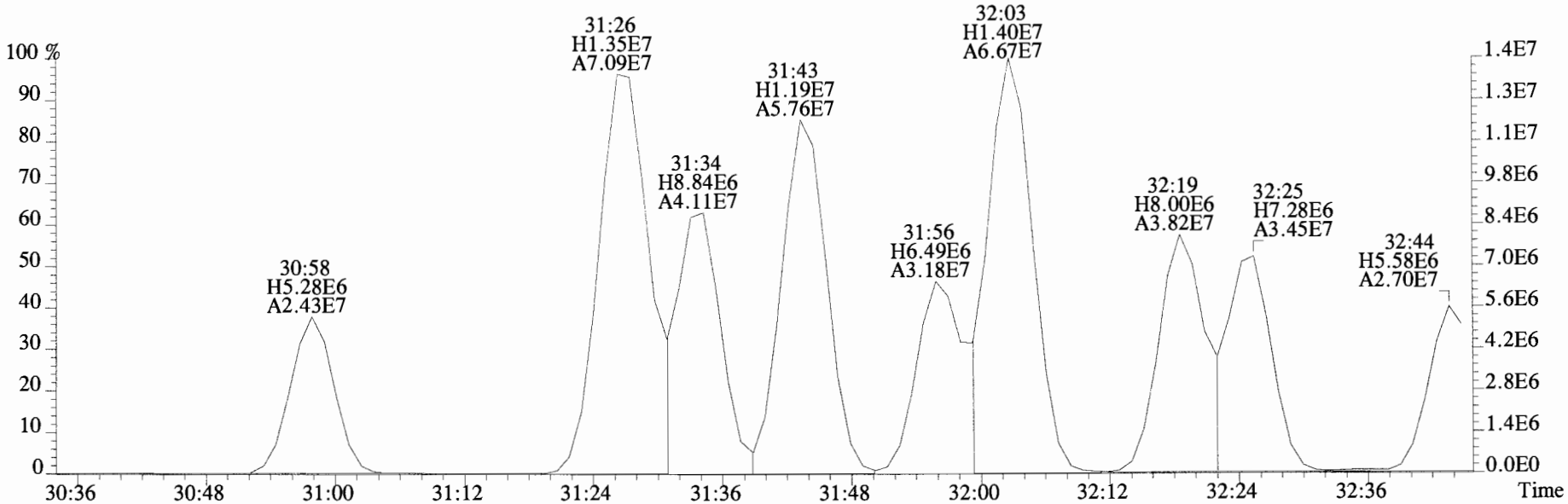
File:180303E1 #1-756 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,84816.0,0.00%,F,F)



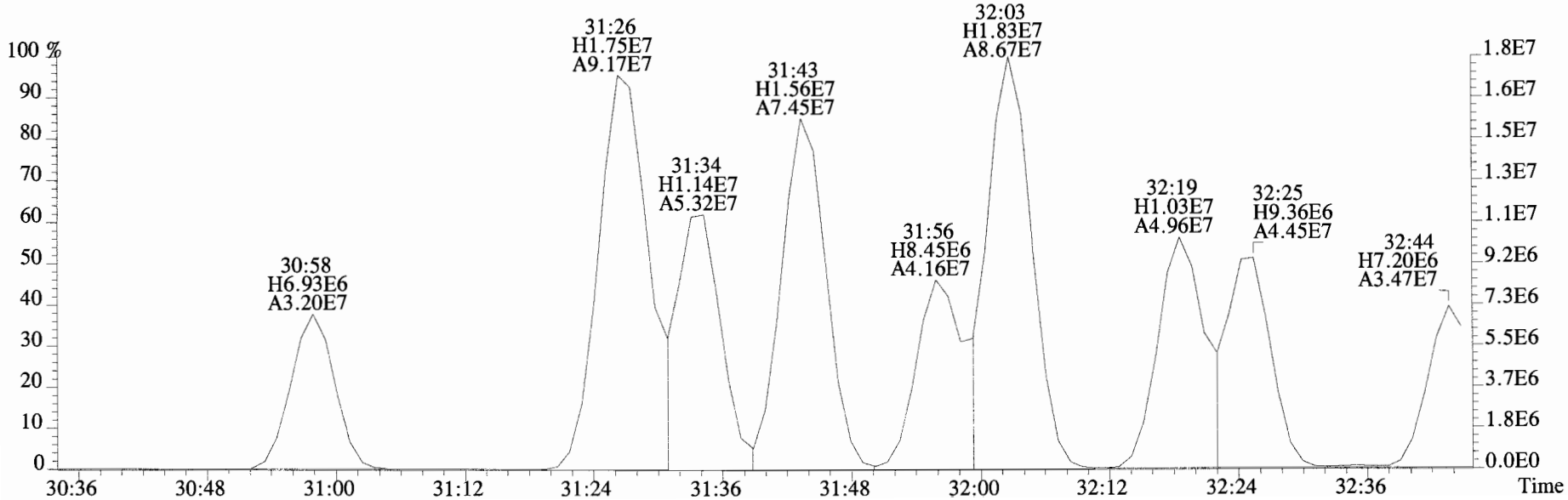
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36876.0,0.00%,F,F)



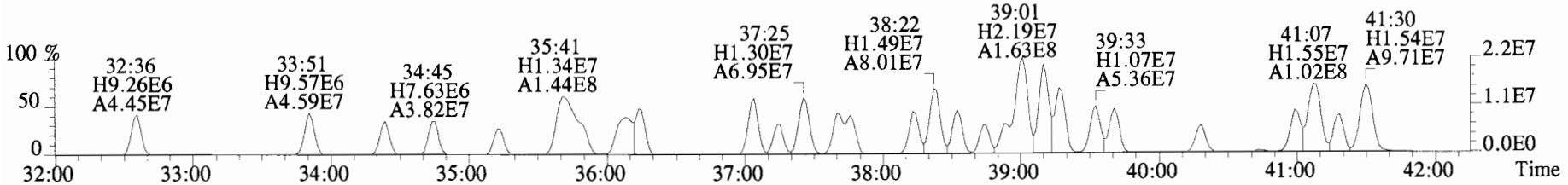
File:180303E1 #1-756 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24516.0,0.00%,F,F)



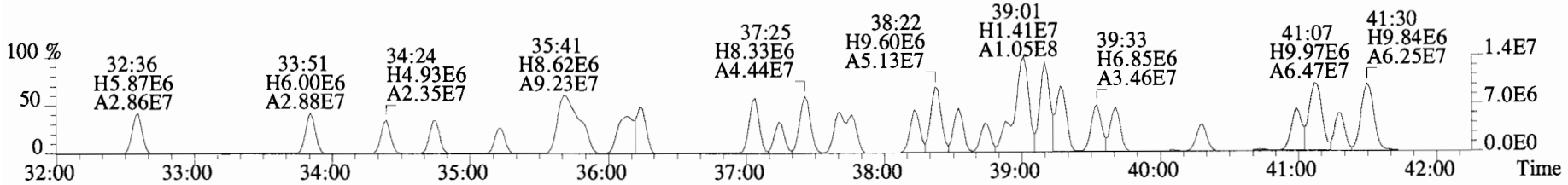
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,31096.0,0.00%,F,F)



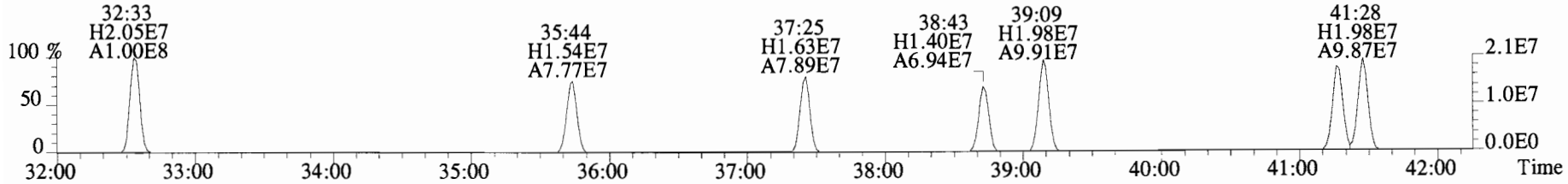
File:180303E1 #1-756 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2068.0,0.00%,F,F)



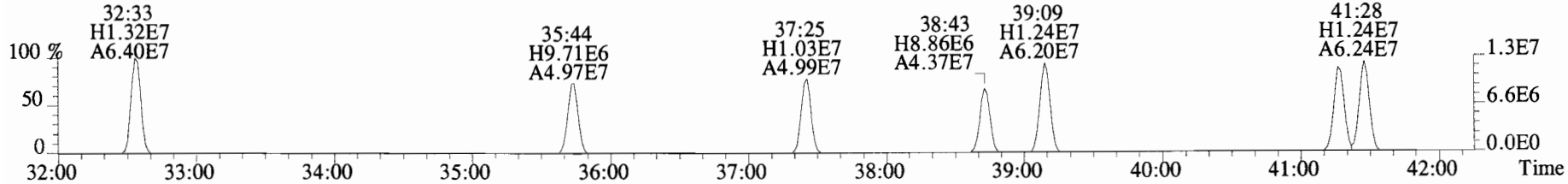
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3256.0,0.00%,F,F)



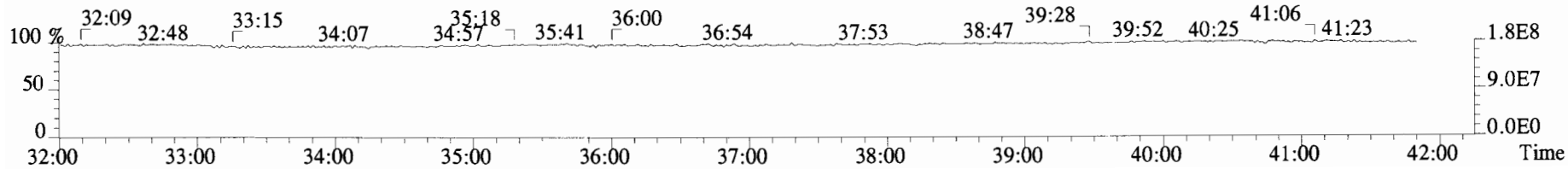
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6180.0,0.00%,F,F)



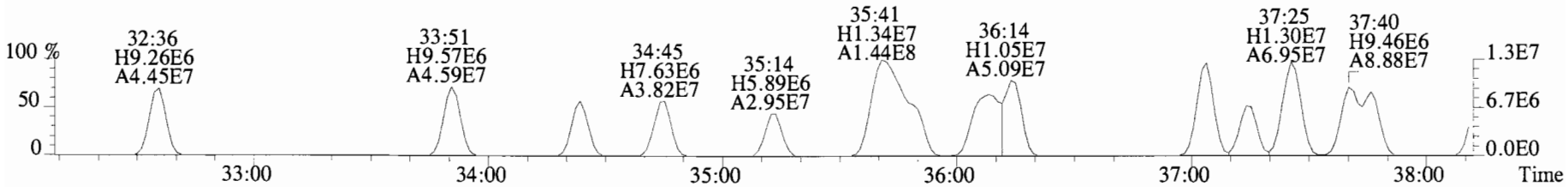
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5164.0,0.00%,F,F)



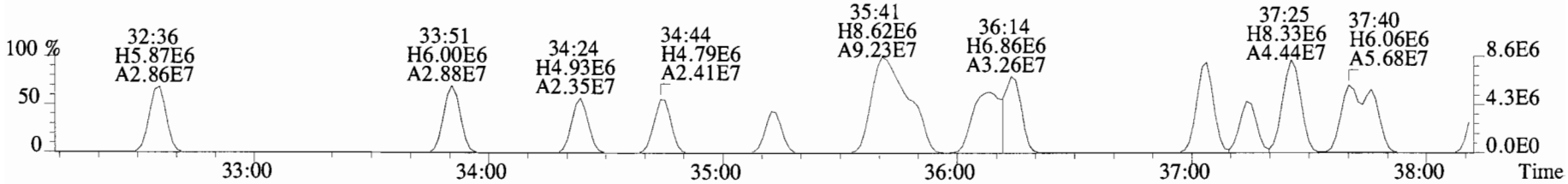
330.9792 F:3



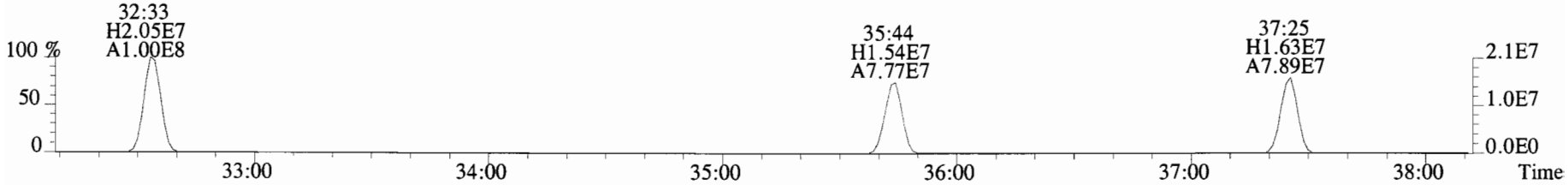
File:180303E1 #1-756 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2068.0,0.00%,F,F)



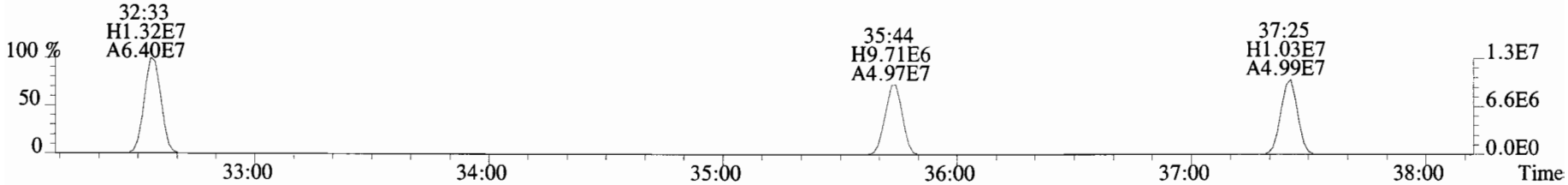
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3256.0,0.00%,F,F)



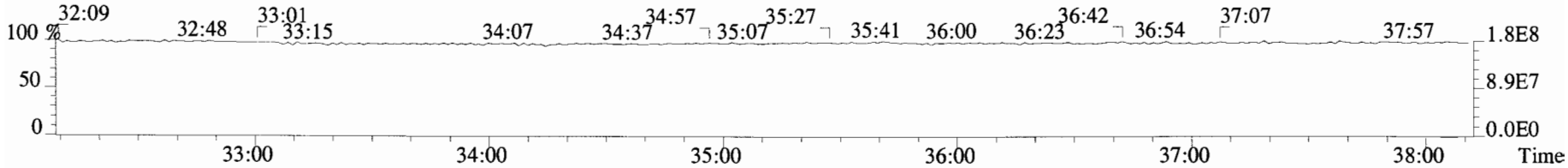
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6180.0,0.00%,F,F)



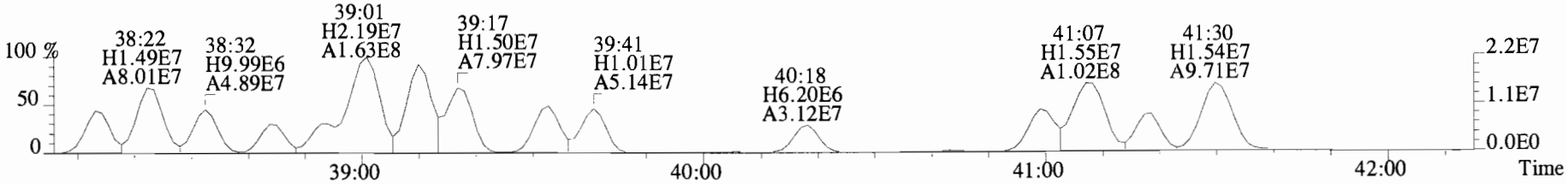
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5164.0,0.00%,F,F)



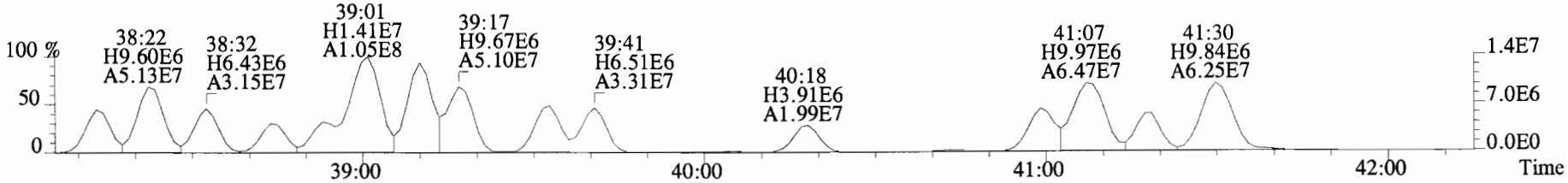
330.9792 F:3



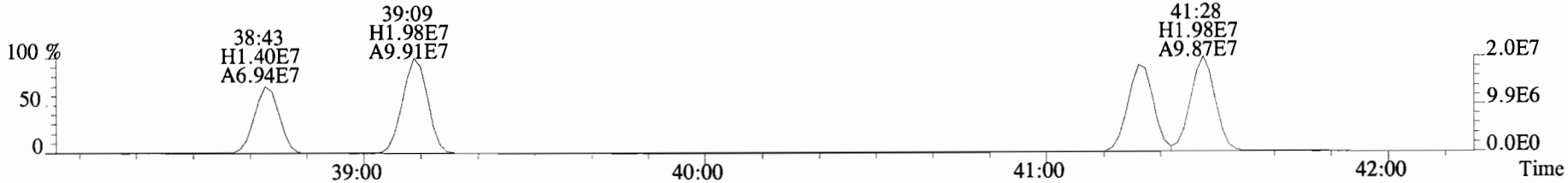
File:180303E1 #1-756 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2068.0,0.00%,F,F)



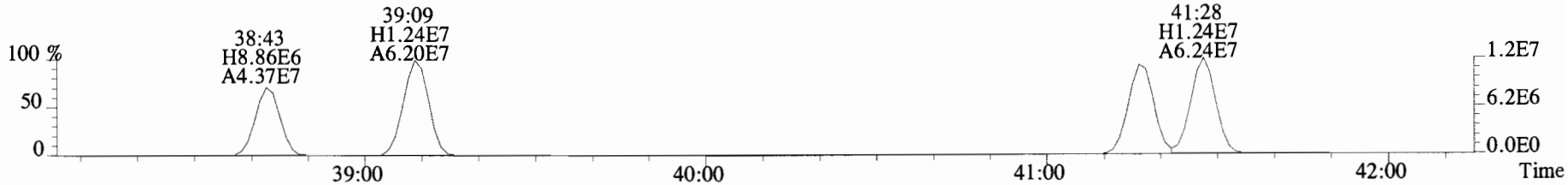
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3256.0,0.00%,F,F)



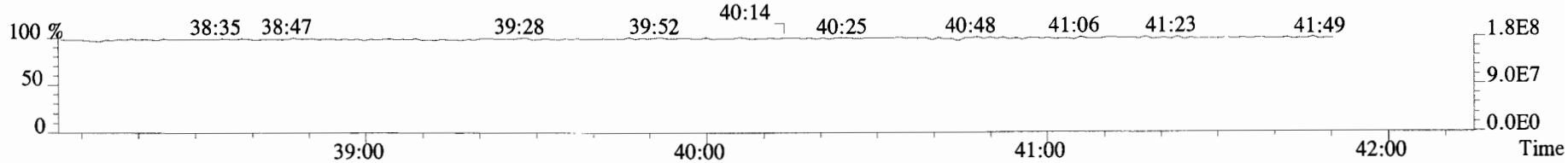
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6180.0,0.00%,F,F)



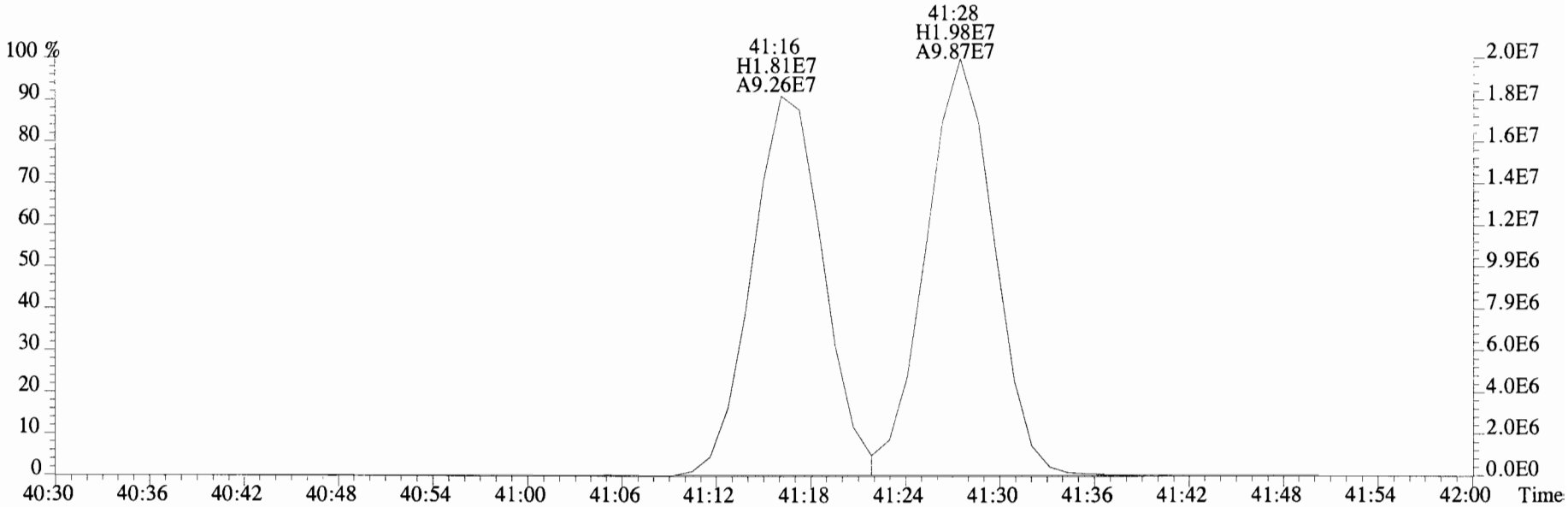
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5164.0,0.00%,F,F)



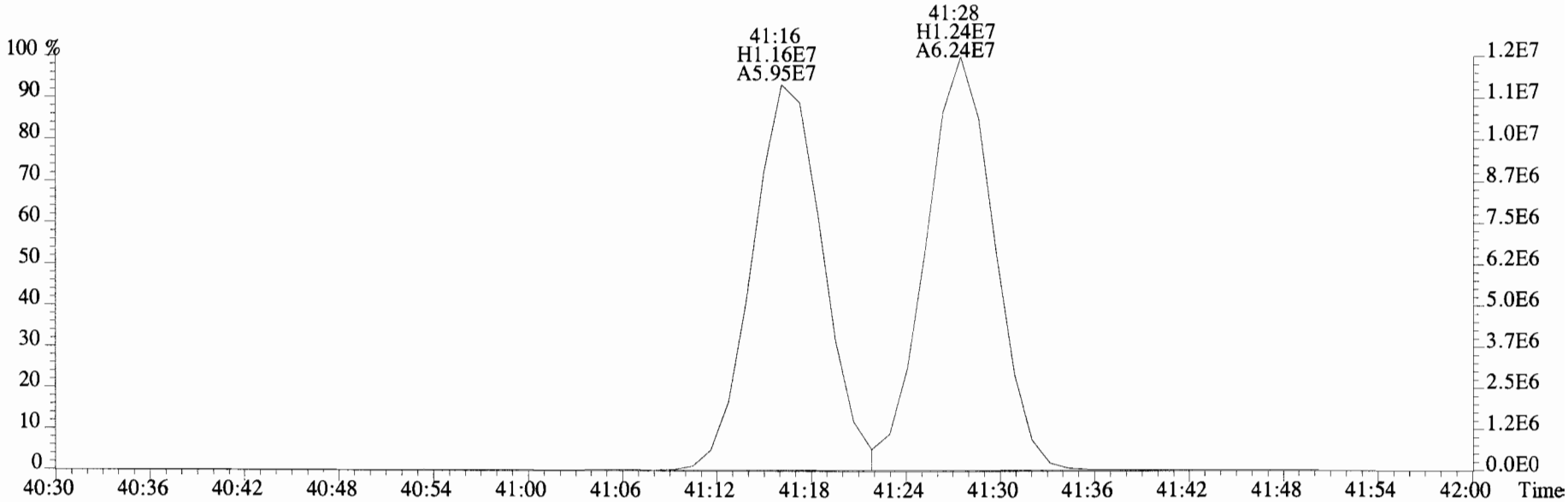
330.9792 F:3



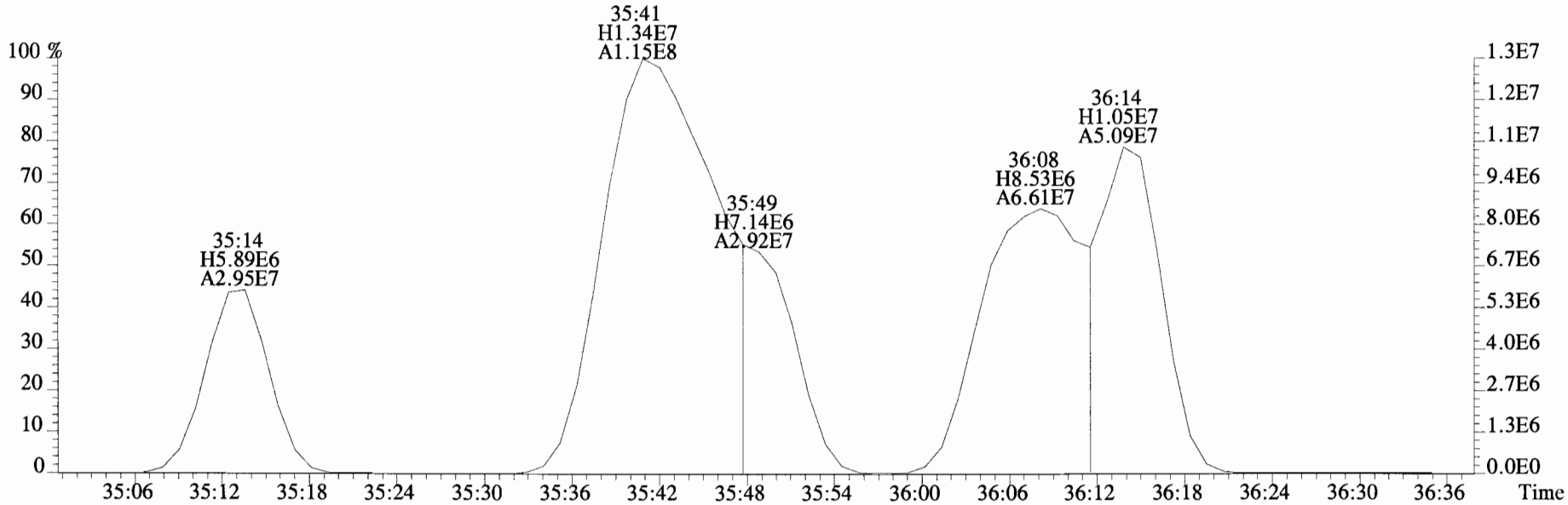
File:180303E1 #1-756 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6180.0,0.00%,F,F)



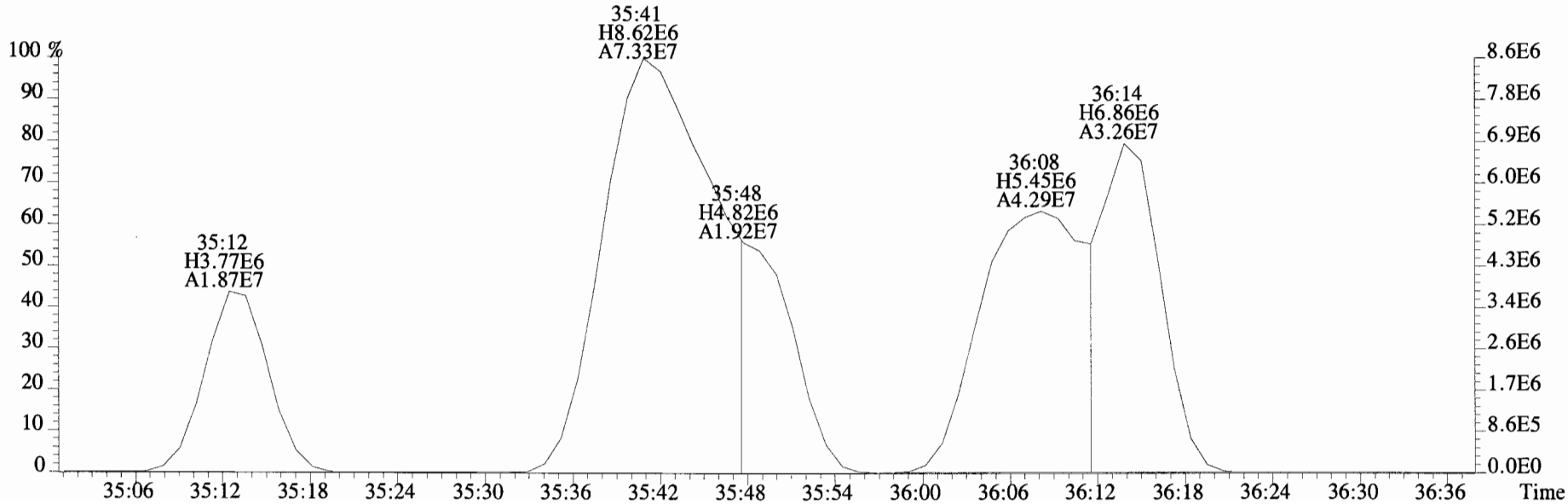
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5164.0,0.00%,F,F)



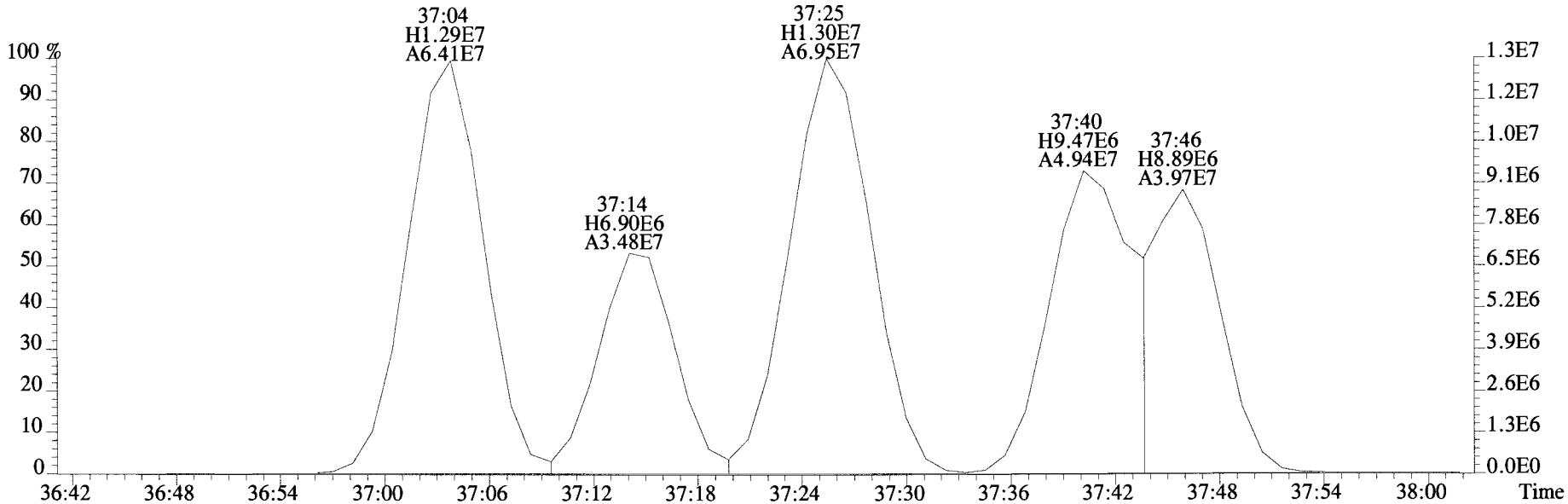
File:180303E1 #1-756 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2068.0,0.00%,F,F)



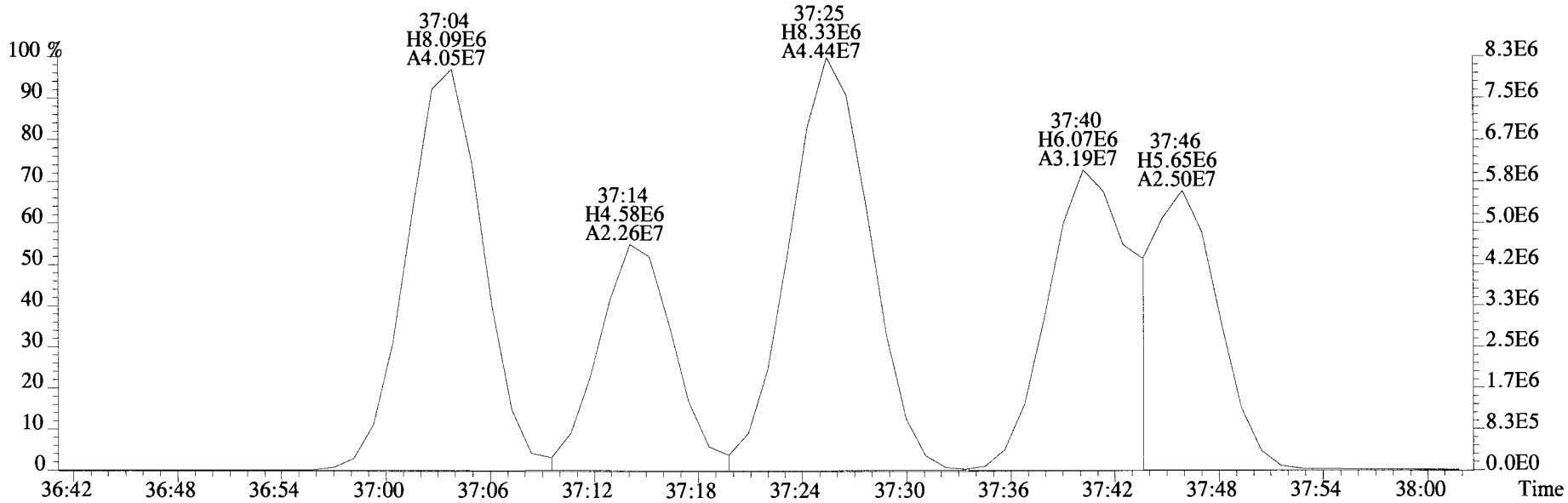
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3256.0,0.00%,F,F)



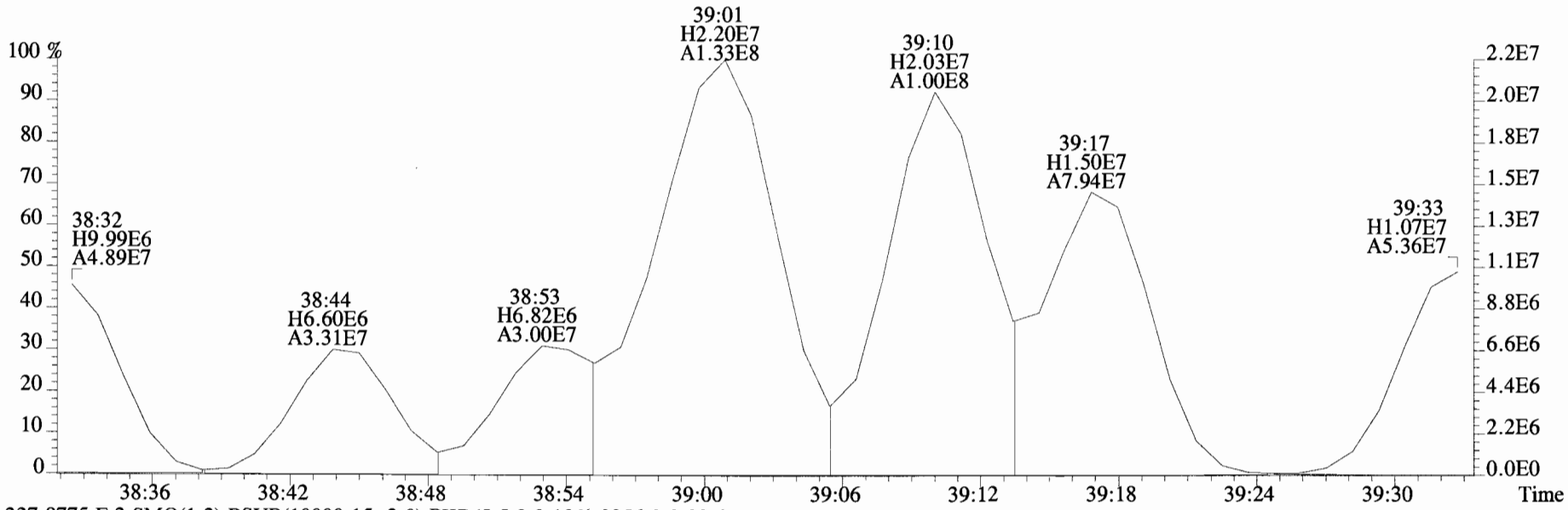
File:180303E1 #1-756 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2068.0,0.00%,F,F)



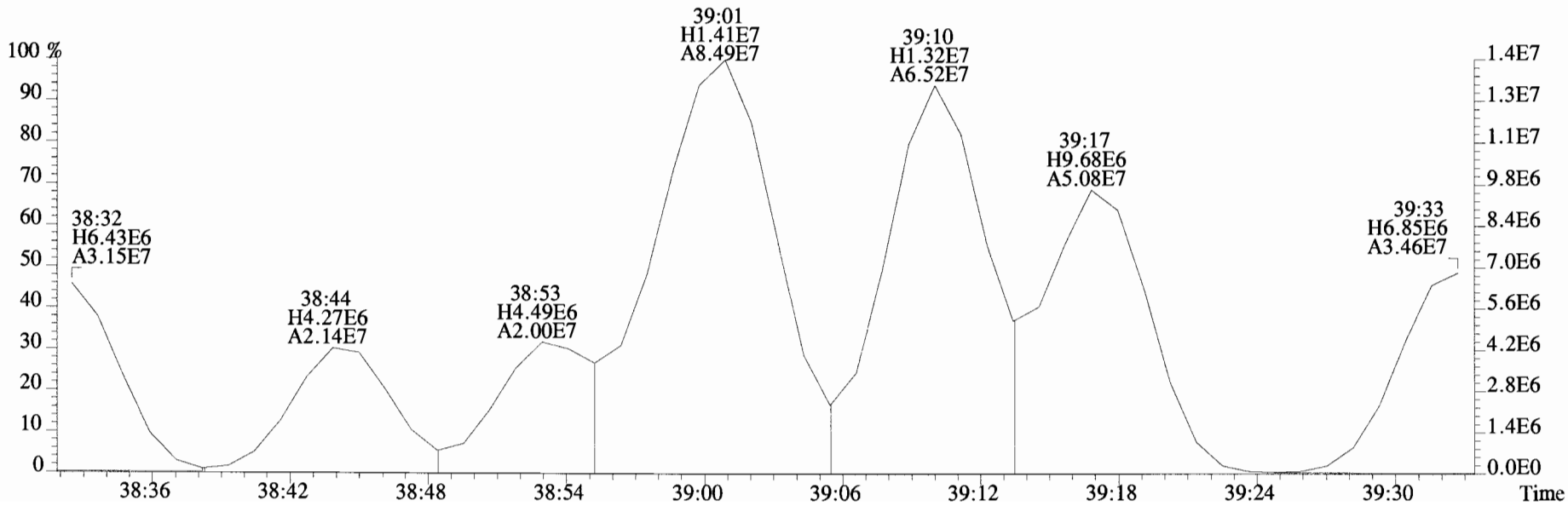
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3256.0,0.00%,F,F)



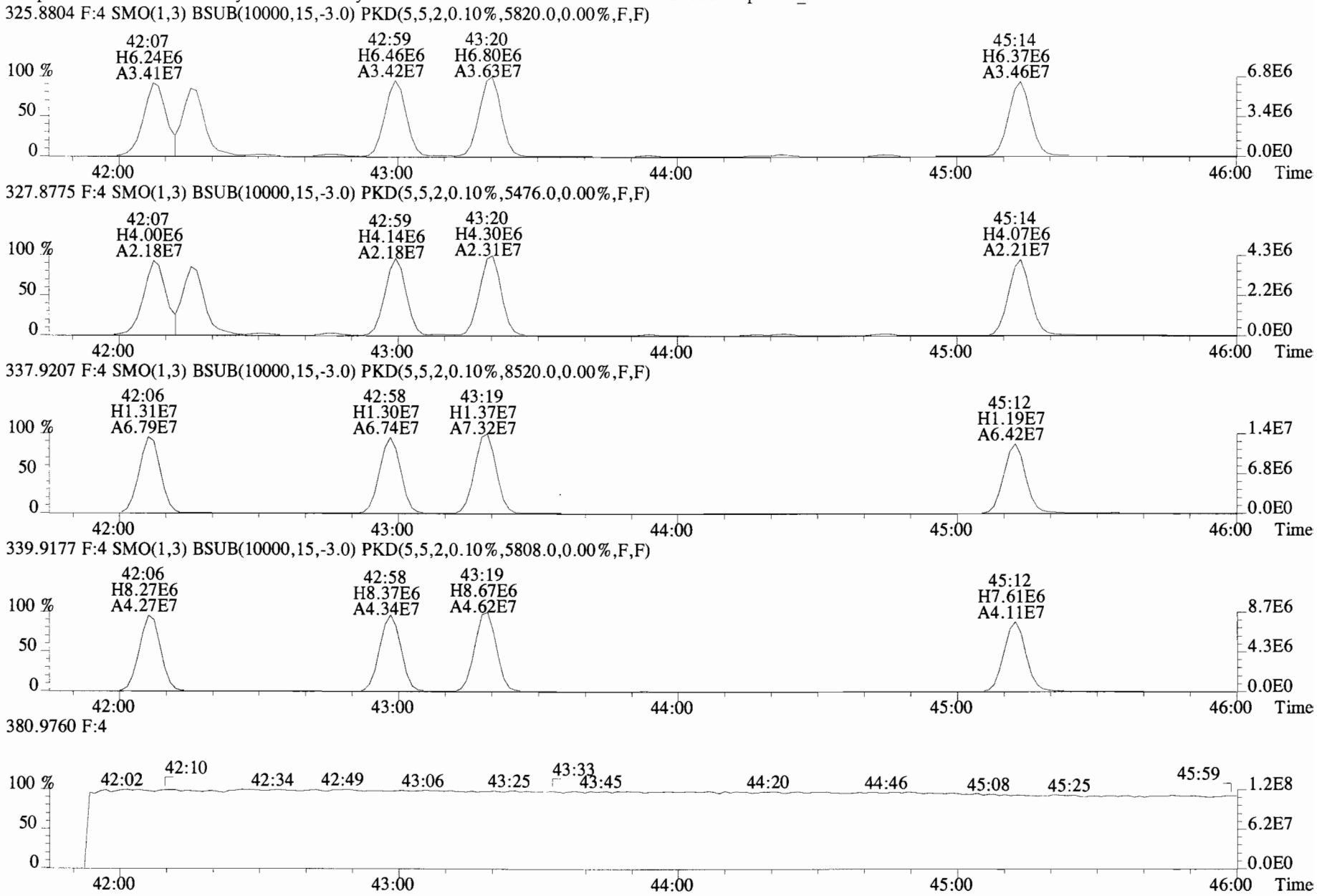
File:180303E1 #1-756 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2068.0,0.00%,F,F)



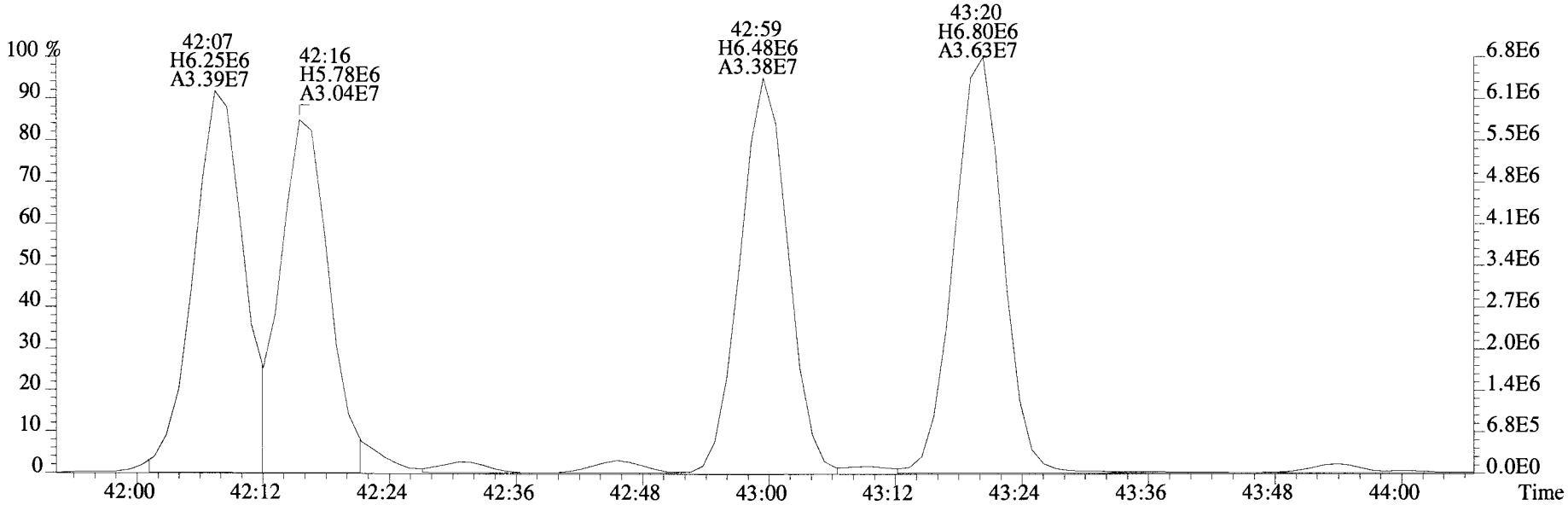
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3256.0,0.00%,F,F)



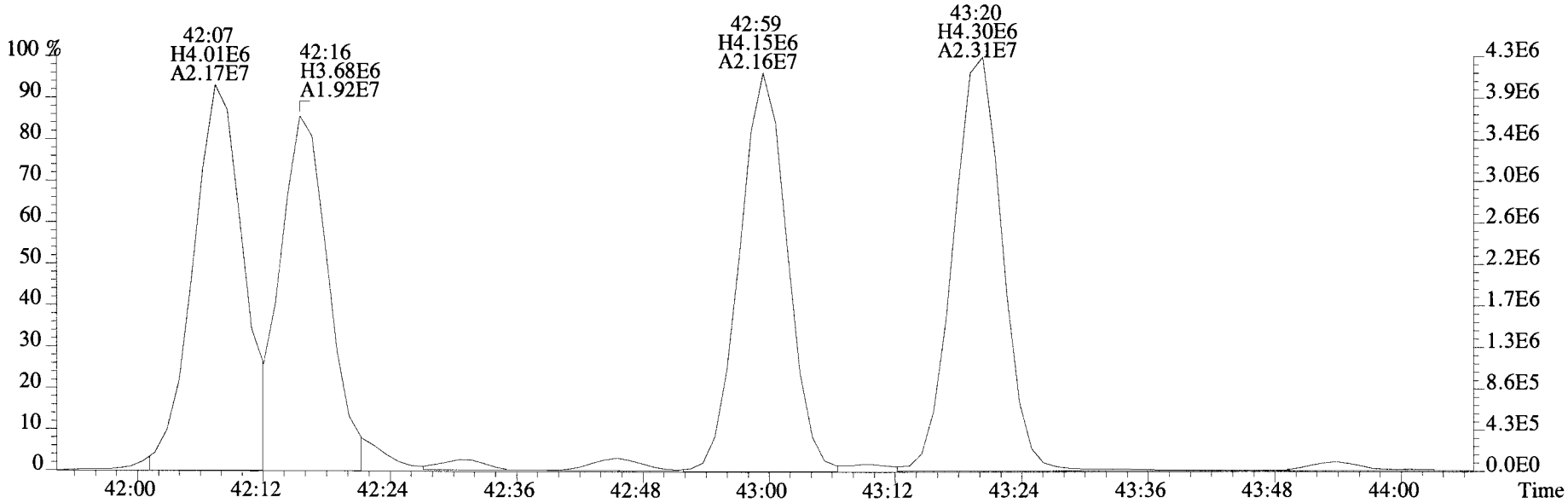
File:180303E1 #1-574 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1



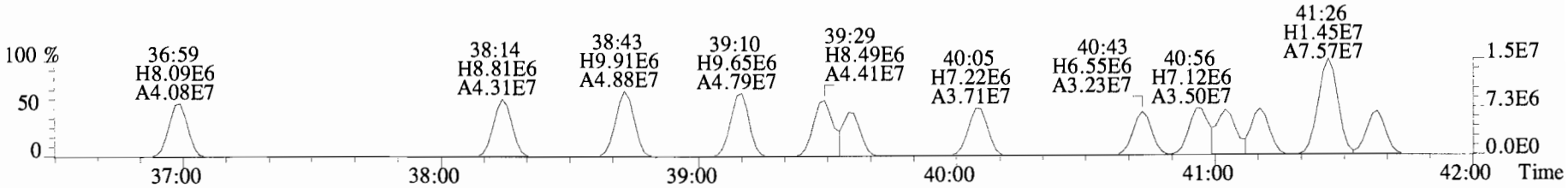
File:180303E1 #1-574 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5820.0,0.00%,F,F)



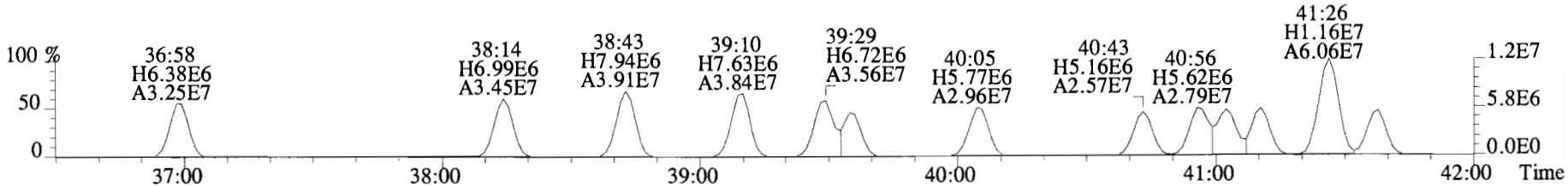
327.8775 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5476.0,0.00%,F,F)



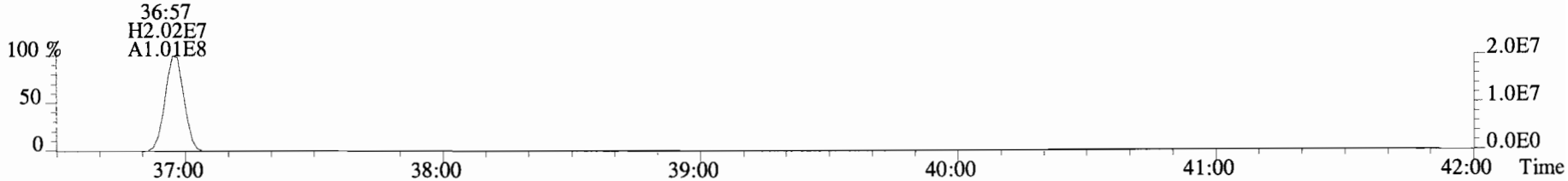
File:180303E1 #1-756 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1880.0,0.00%,F,F)



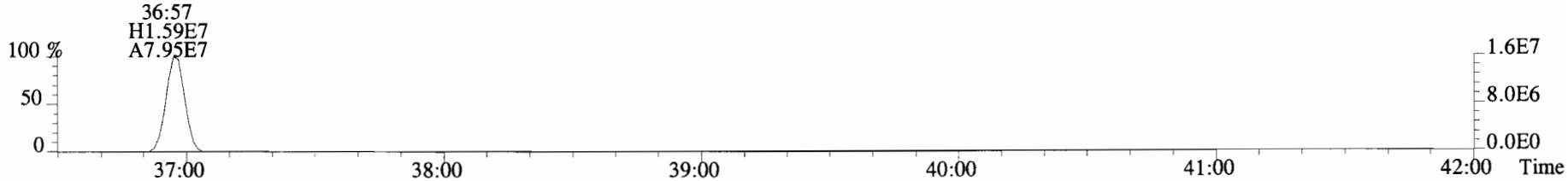
361.8385 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2060.0,0.00%,F,F)



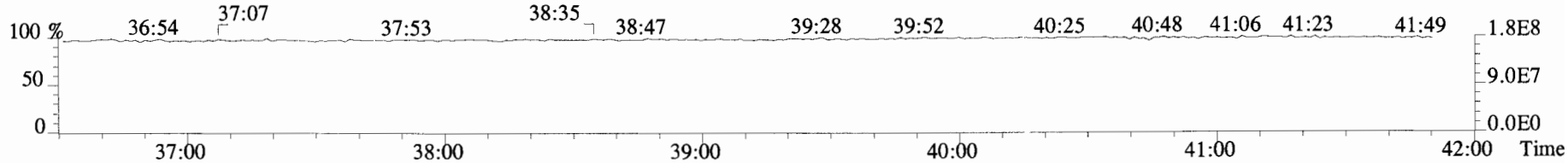
371.8817 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2796.0,0.00%,F,F)



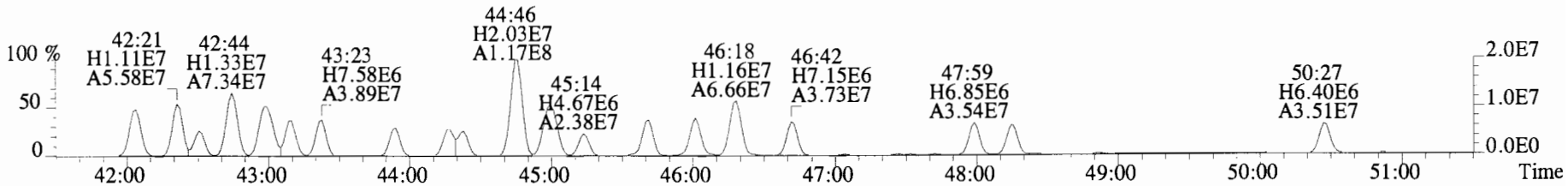
373.8788 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3500.0,0.00%,F,F)



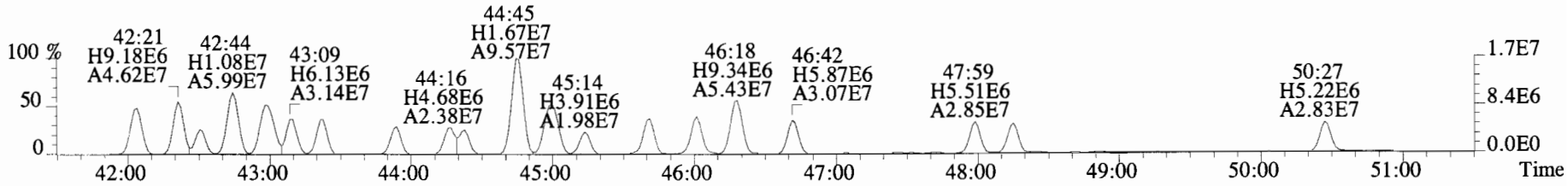
330.9792 F:3



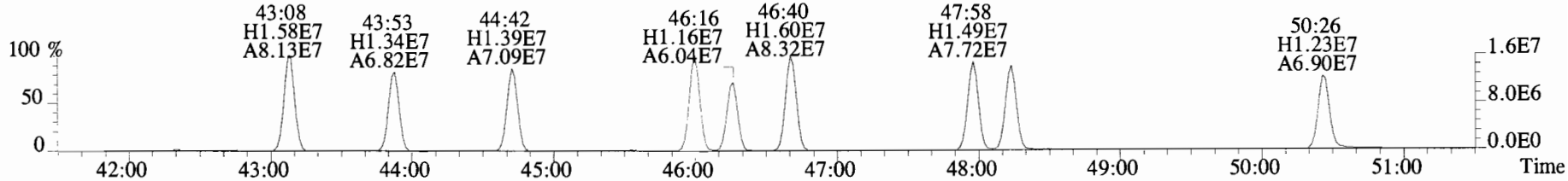
File:180303E1 #1-574 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23816.0,0.00%,F,F)



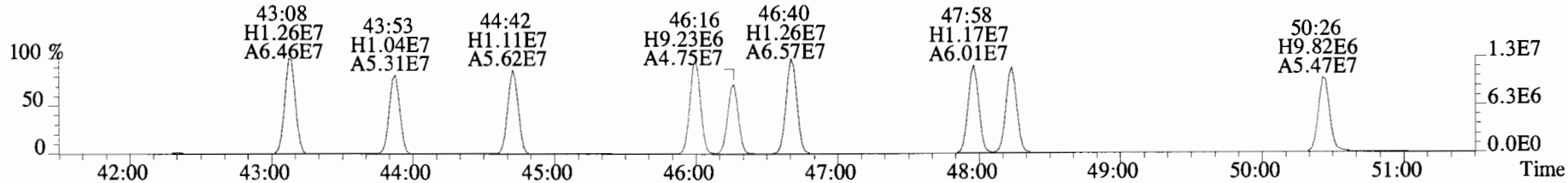
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35396.0,0.00%,F,F)



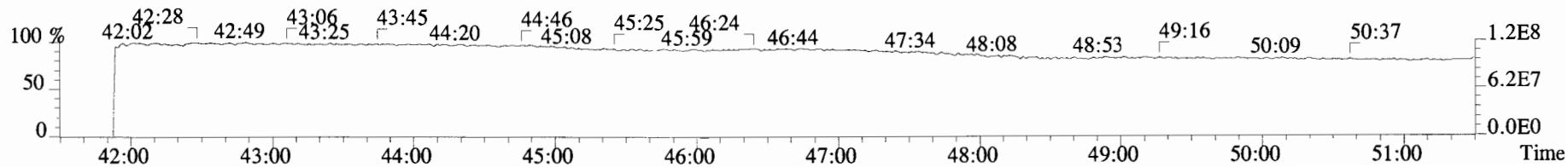
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16744.0,0.00%,F,F)



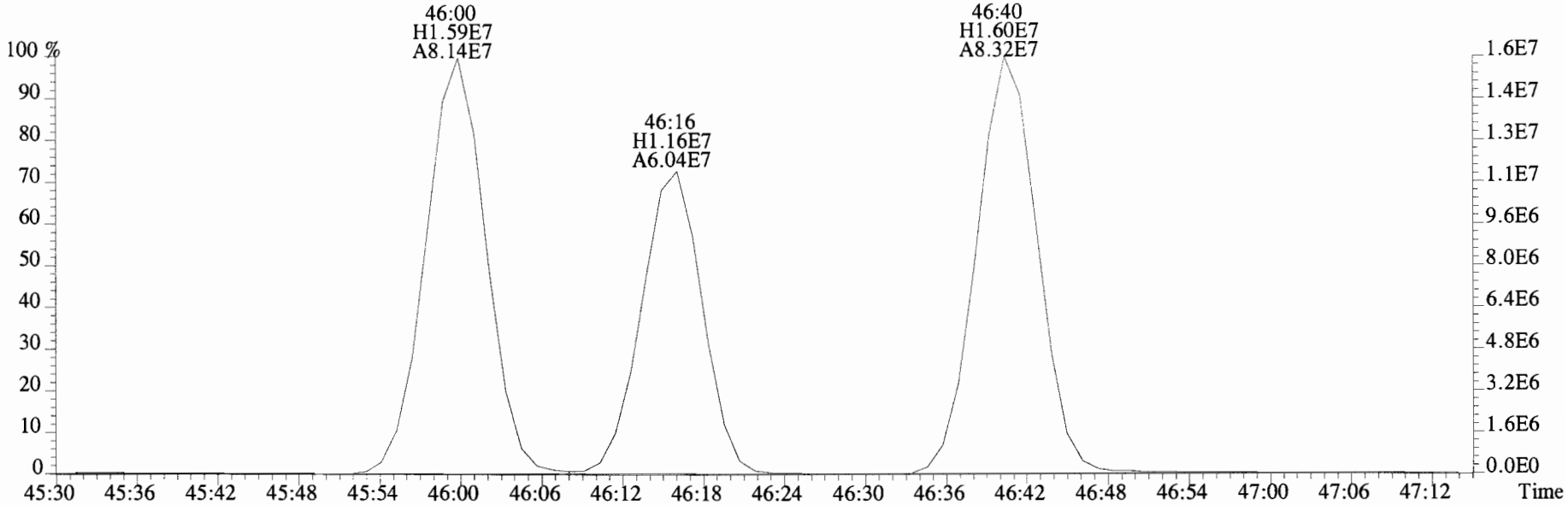
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15768.0,0.00%,F,F)



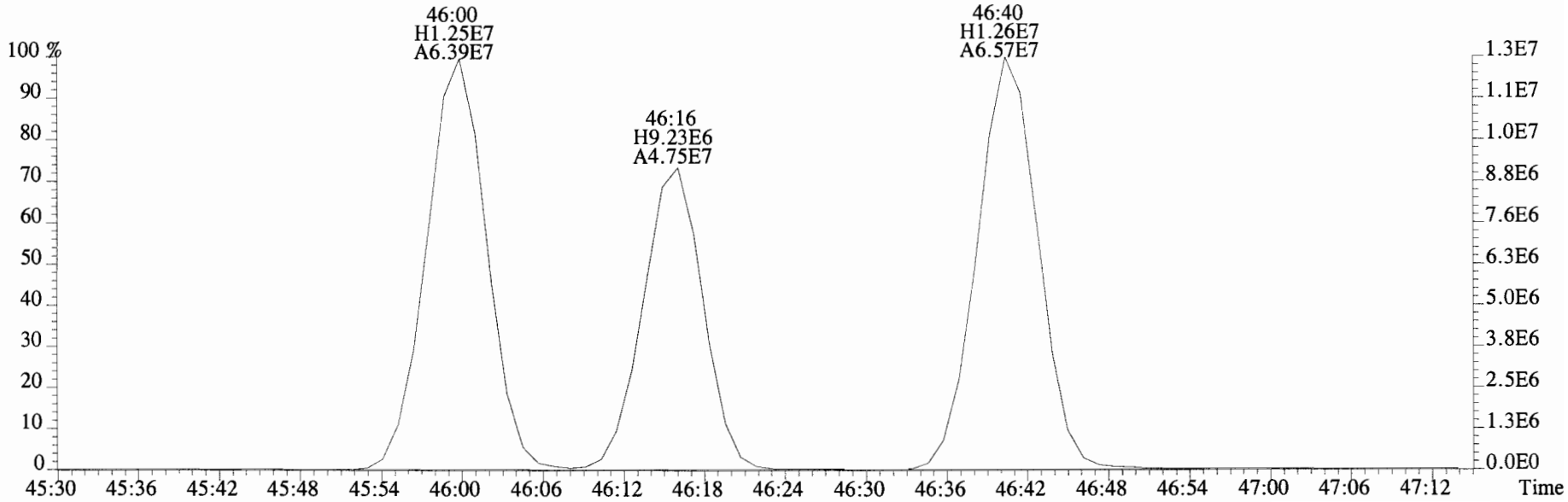
380.9760 F:4



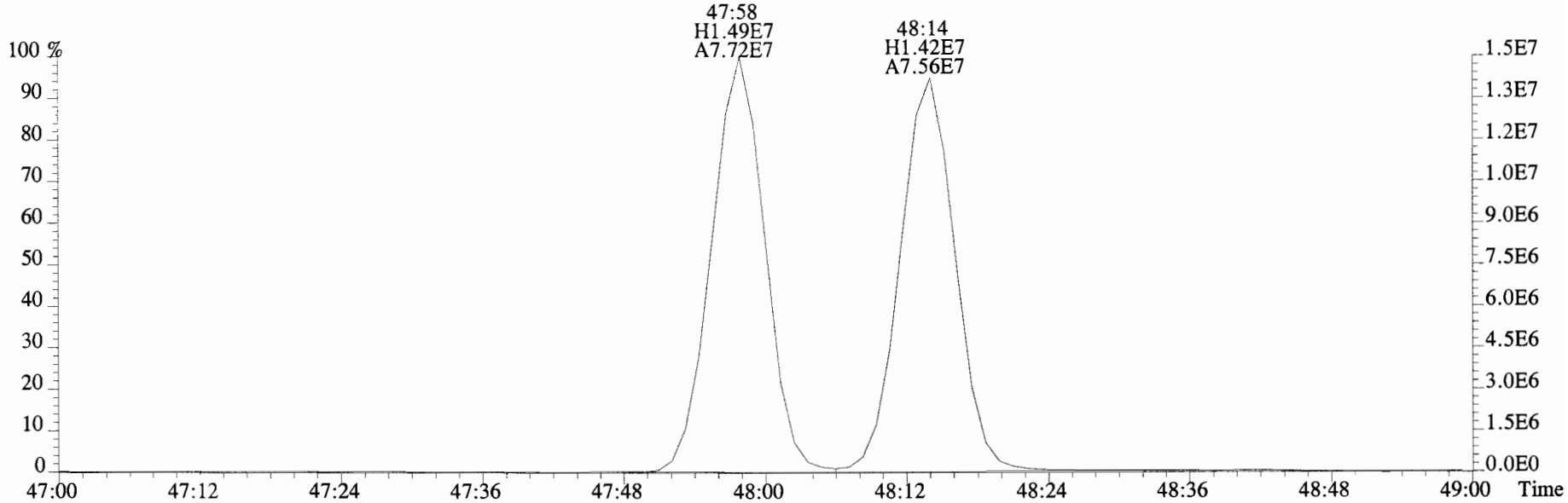
File:180303E1 #1-574 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16744.0,0.00%,F,F)



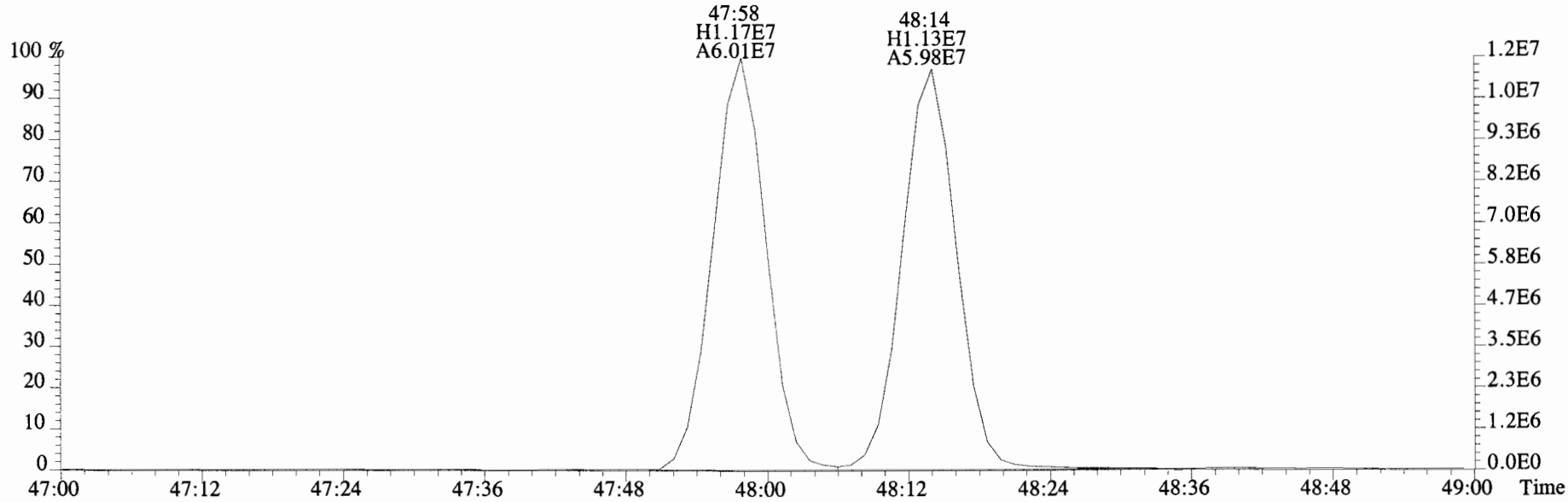
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15768.0,0.00%,F,F)



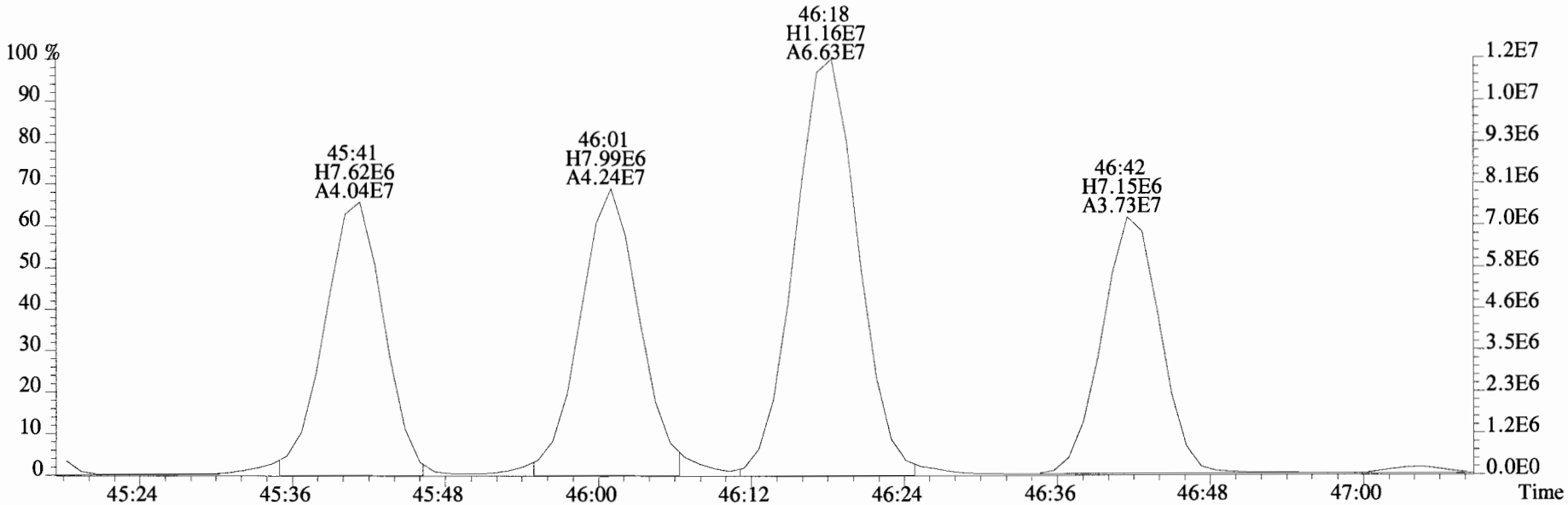
File:180303E1 #1-574 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16744.0,0.00%,F,F)



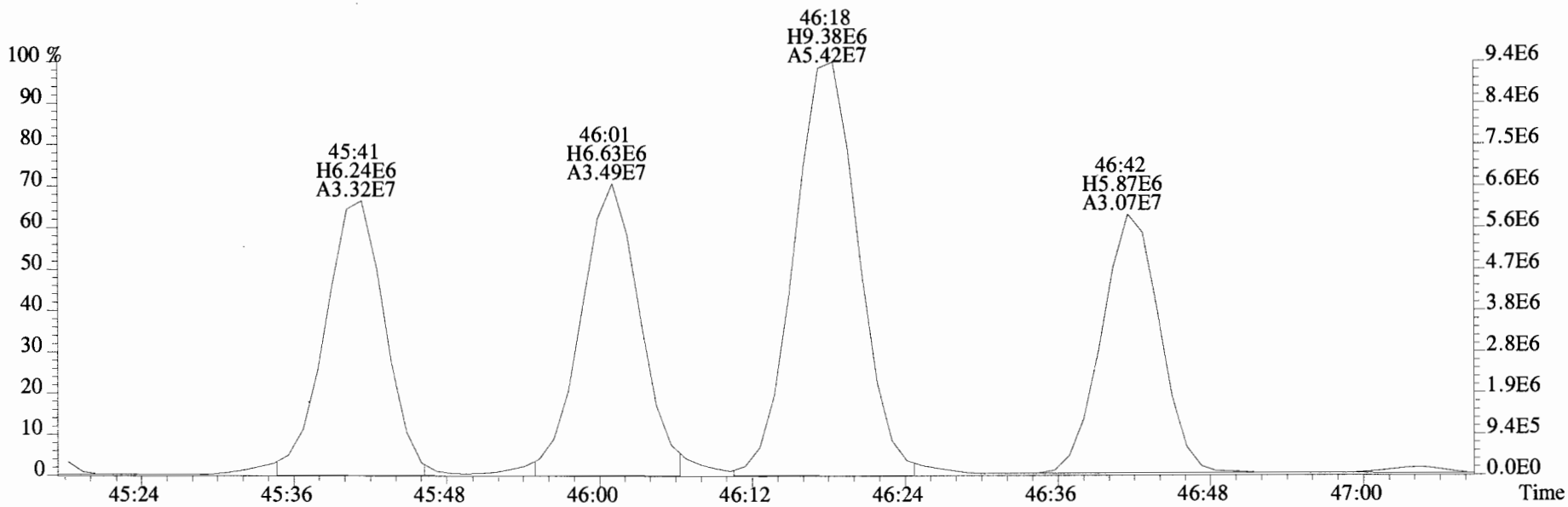
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15768.0,0.00%,F,F)



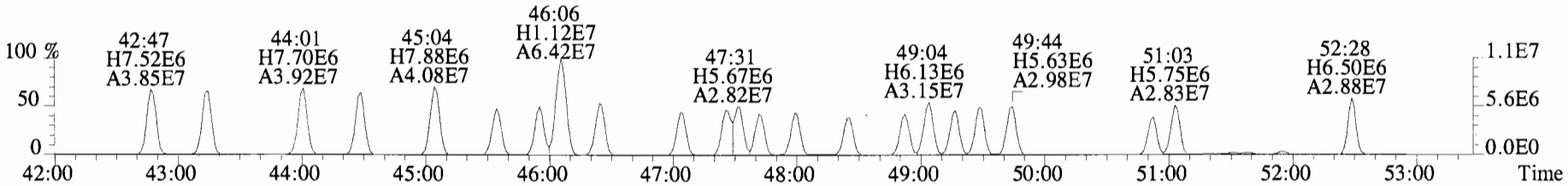
File:180303E1 #1-574 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23816.0,0.00%,F,F)



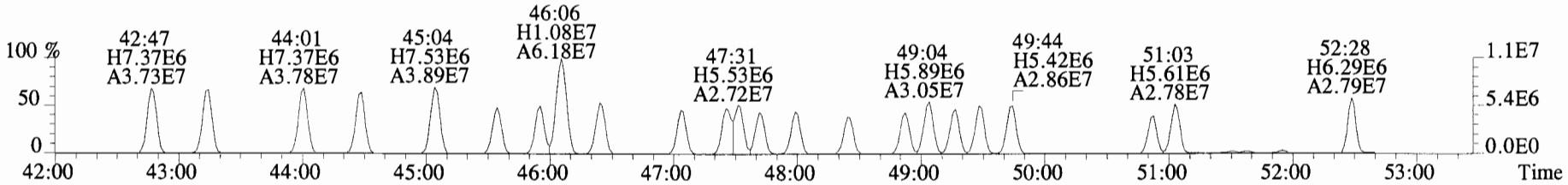
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35396.0,0.00%,F,F)



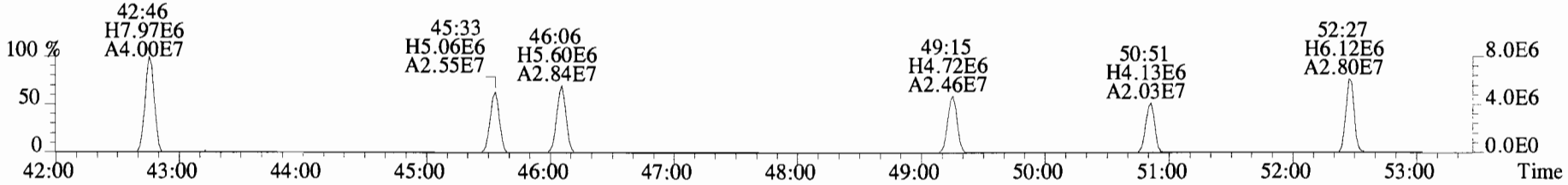
File:180303E1 #1-574 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
393.8025 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20464.0,0.00%,F,F)



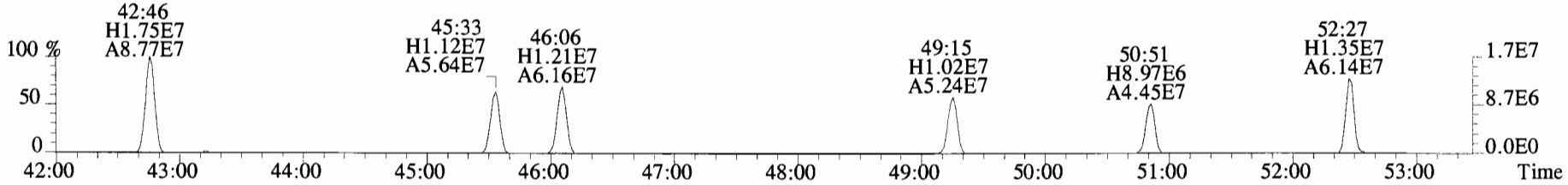
395.7995 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10076.0,0.00%,F,F)



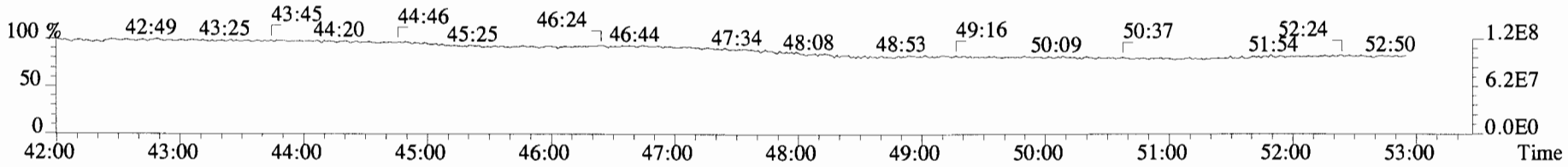
403.8457 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5724.0,0.00%,F,F)



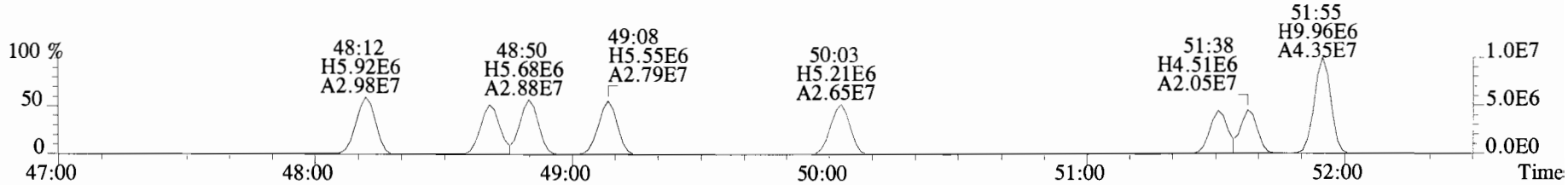
405.8428 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10216.0,0.00%,F,F)



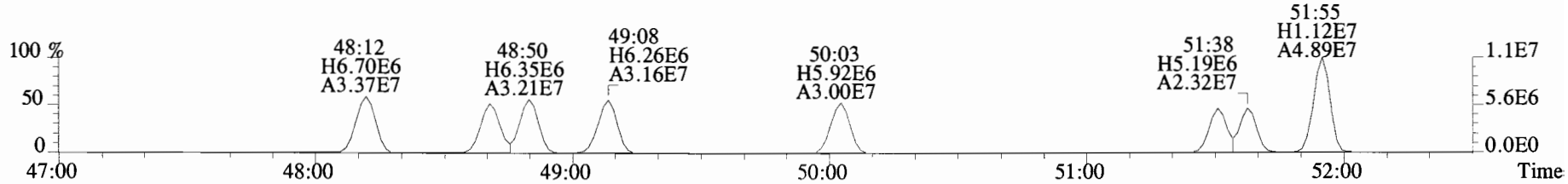
380.9760 F:4



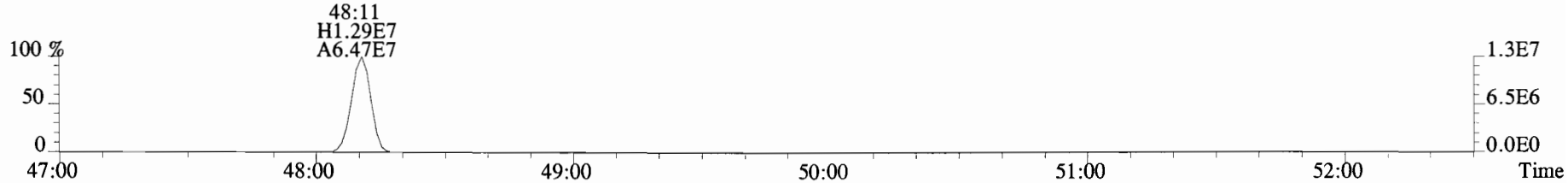
File:180303E1 #1-574 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
427.7635 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1572.0,0.00%,F,F)



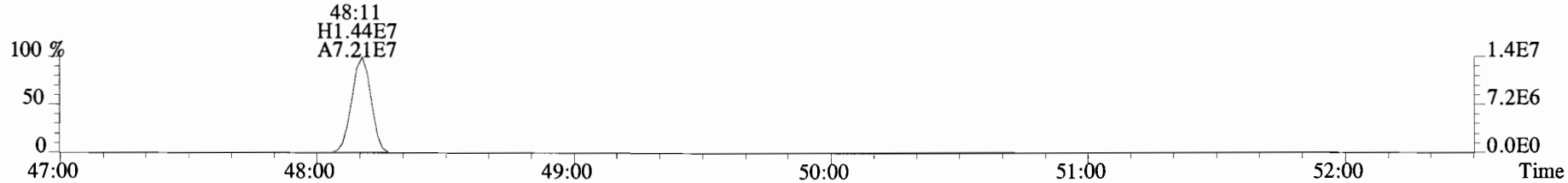
429.7606 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2108.0,0.00%,F,F)



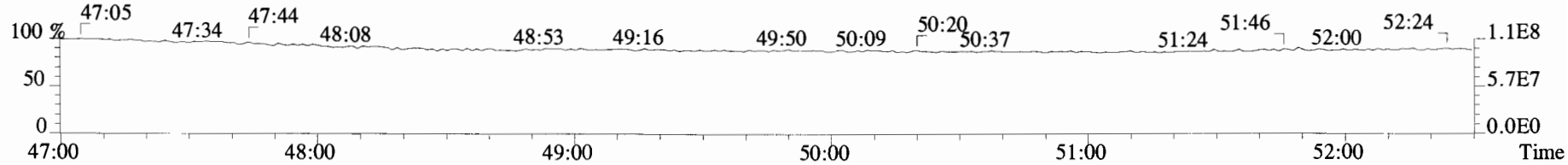
439.8038 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3172.0,0.00%,F,F)



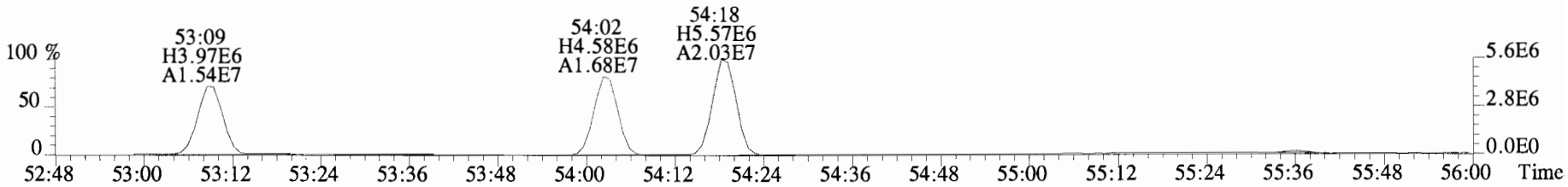
441.8008 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2516.0,0.00%,F,F)



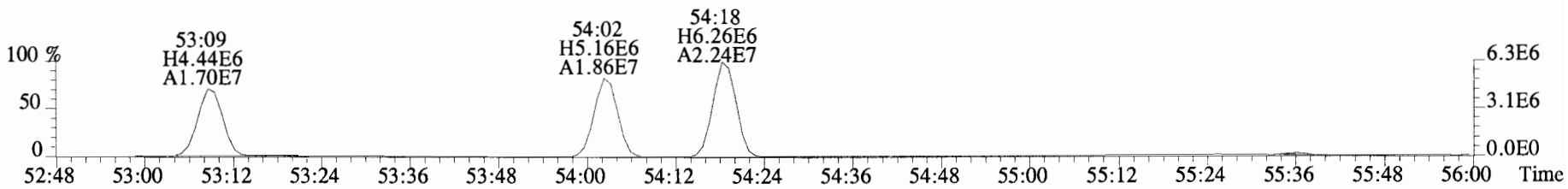
380.9760 F:4



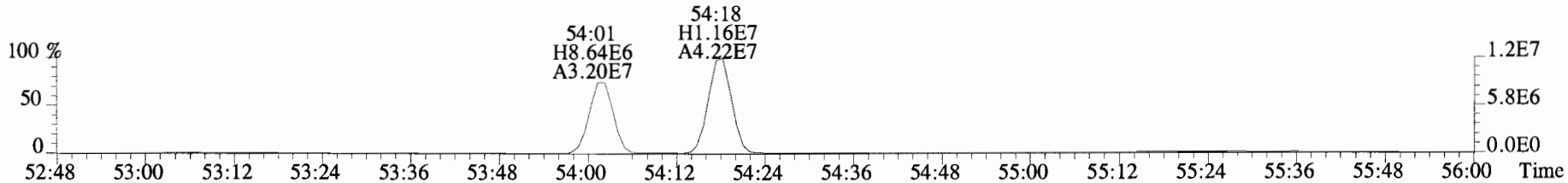
File:180303E1 #1-407 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
427.7635 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,31112.0,0.00%,F,F)



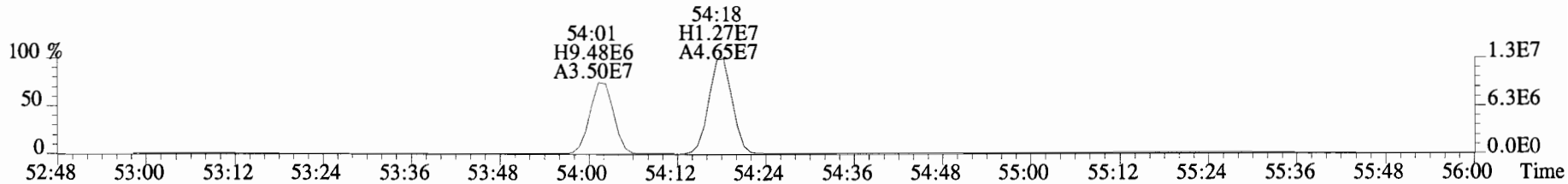
429.7606 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,34160.0,0.00%,F,F)



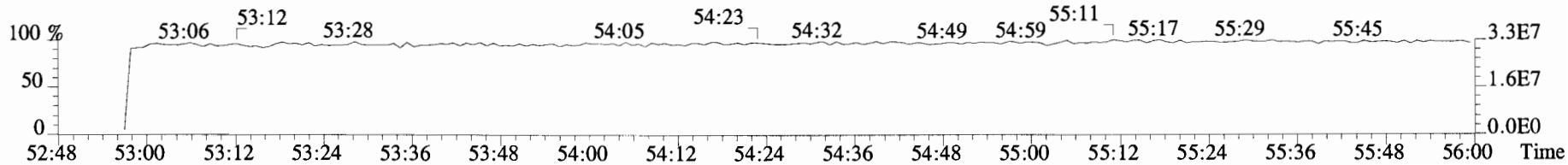
439.8038 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4232.0,0.00%,F,F)



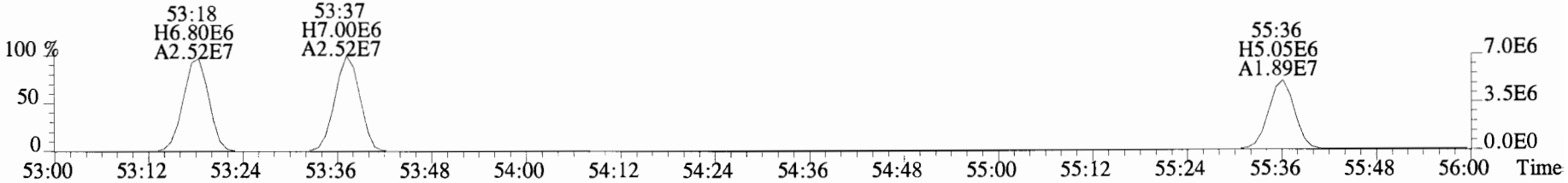
441.8008 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5252.0,0.00%,F,F)



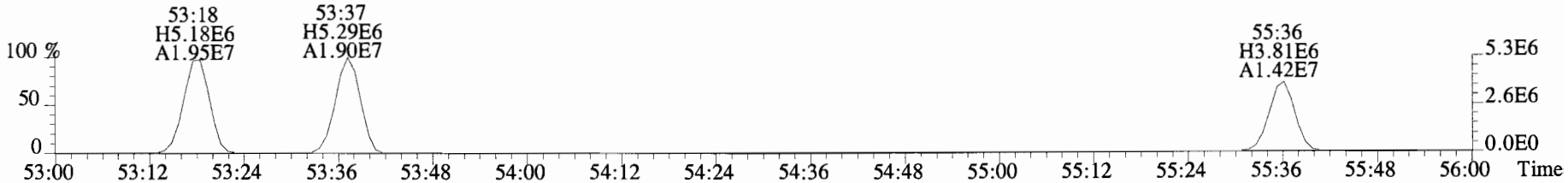
492.9697 F:5



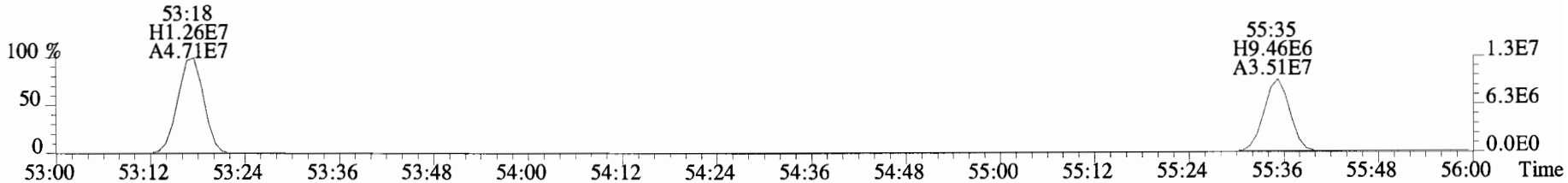
File:180303E1 #1-407 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
463.7216 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11632.0,0.00%,F,F)



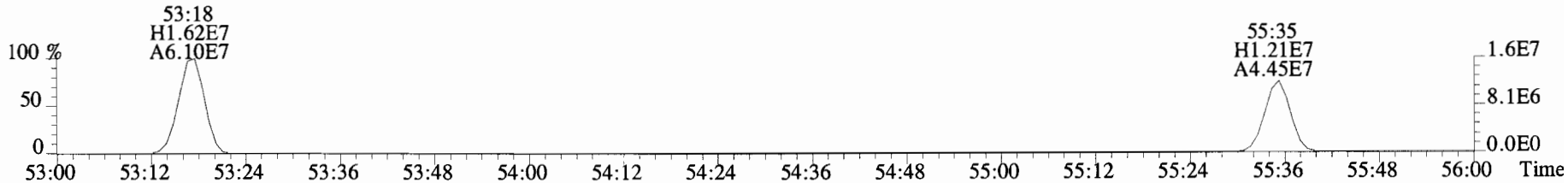
465.7186 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9100.0,0.00%,F,F)



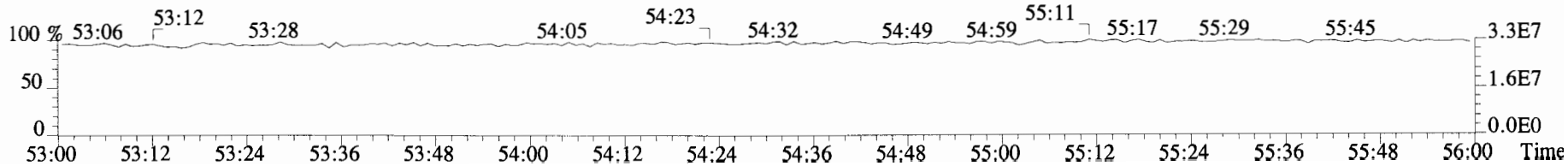
473.7648 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17752.0,0.00%,F,F)



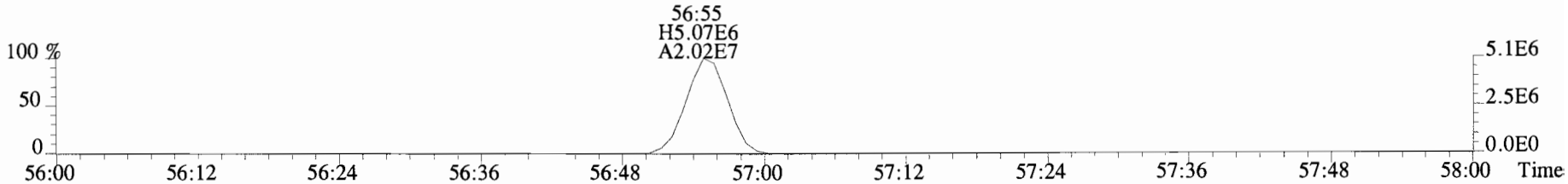
475.7619 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20368.0,0.00%,F,F)



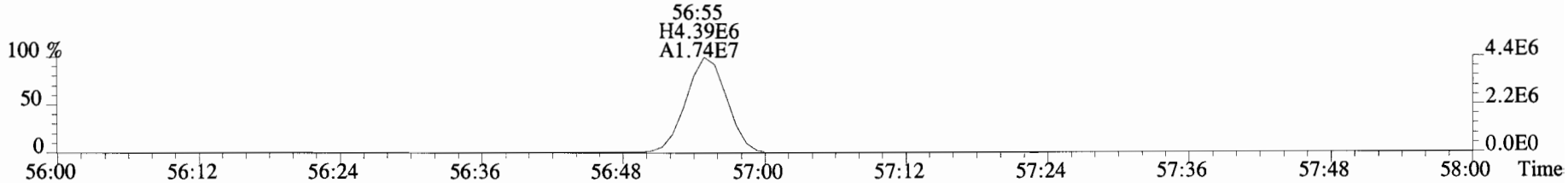
492.9697 F:5



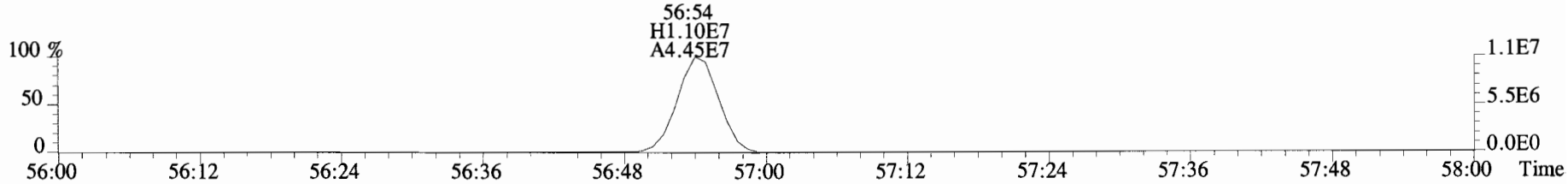
File:180303E1 #1-407 Acq: 3-MAR-2018 13:07:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180303E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
497.6826 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1564.0,0.00%,F,F)



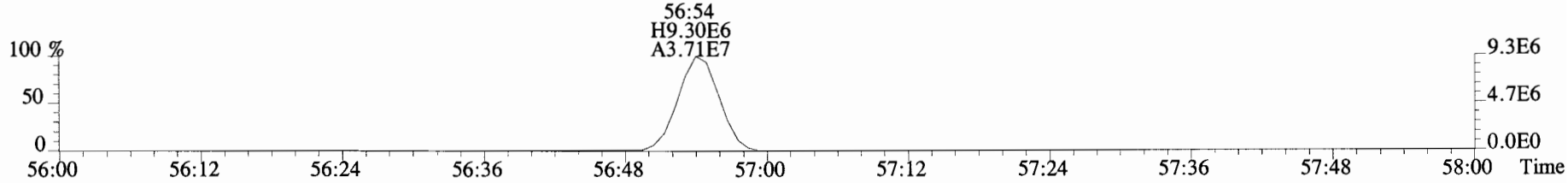
499.6797 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1664.0,0.00%,F,F)



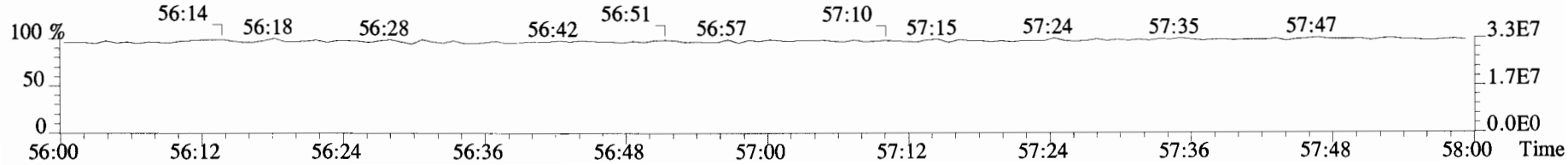
509.7229 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1916.0,0.00%,F,F)



511.7199 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1804.0,0.00%,F,F)

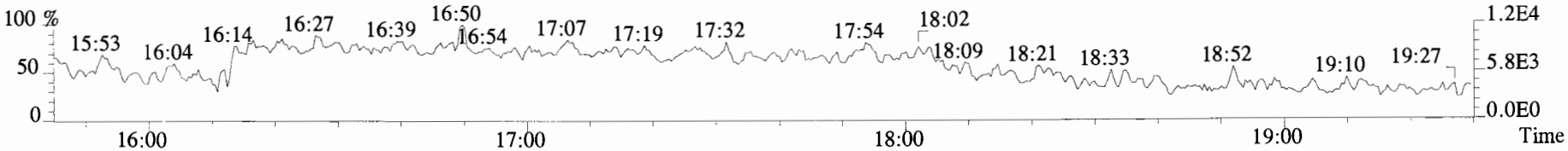


492.9697 F:5

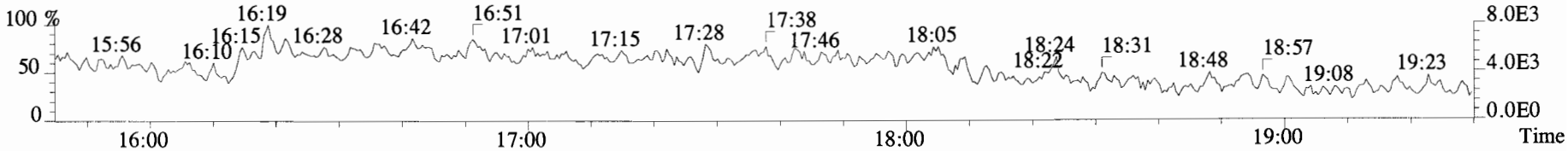


Solvent Blanks

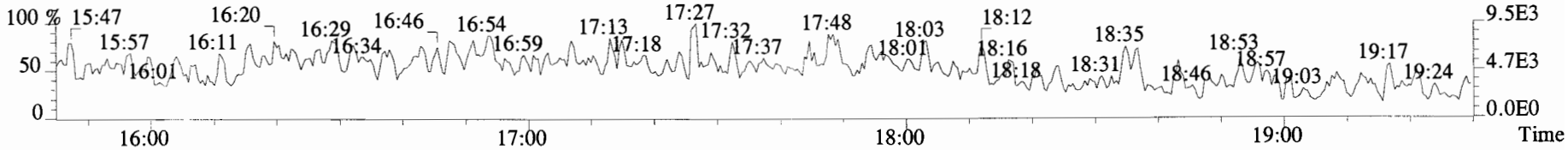
File:180302E1 #1-866 Acq: 2-MAR-2018 12:10:14 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
188.0393 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8100.0,0.00%,F,F)



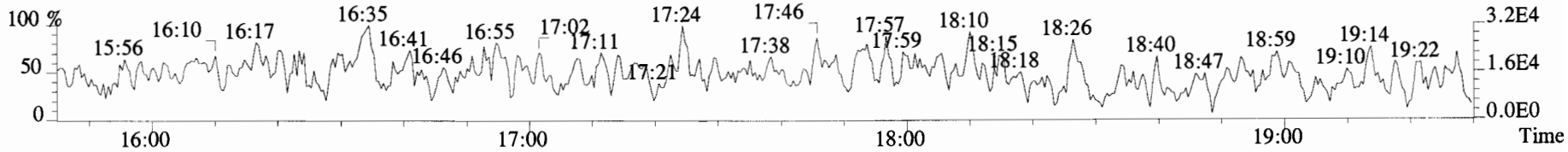
190.0363 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5452.0,0.00%,F,F)



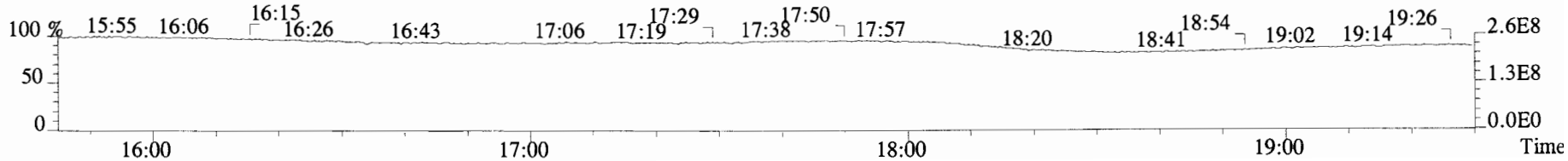
200.0795 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5980.0,0.00%,F,F)



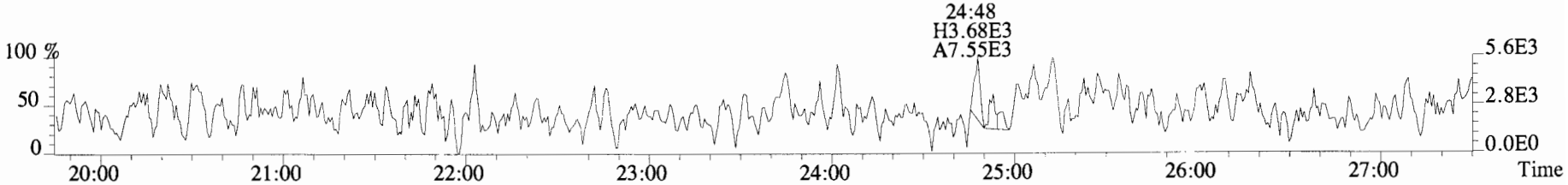
202.0766 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19652.0,0.00%,F,F)



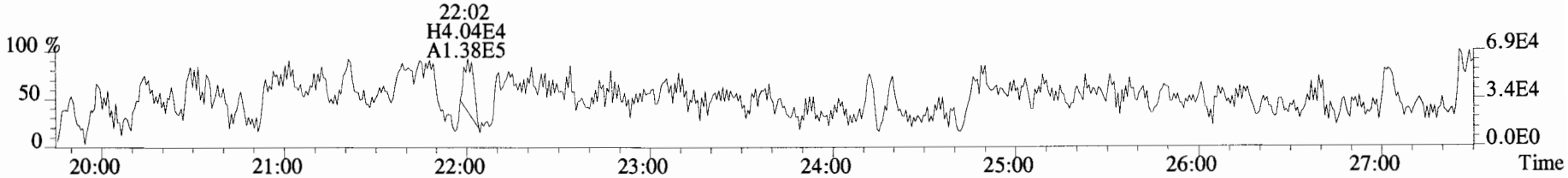
180.9880 S:3



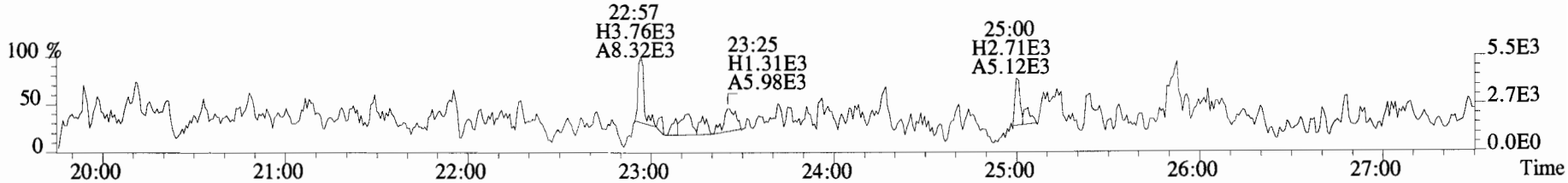
File:180302E1 #1-757 Acq: 2-MAR-2018 12:10:14 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
222.0003 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3164.0,0.00%,F,F)



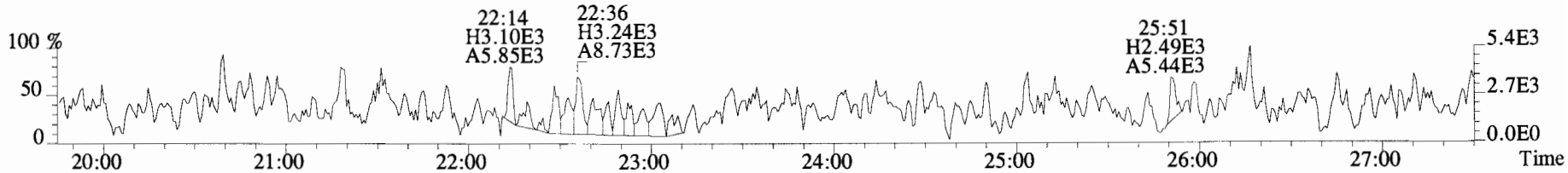
223.9974 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,44088.0,0.00%,F,F)



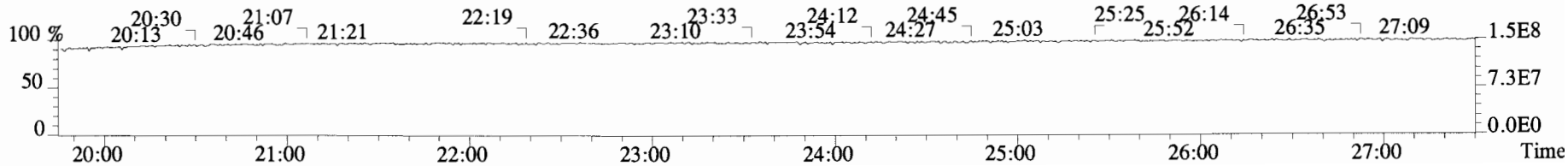
234.0406 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2524.0,0.00%,F,F)



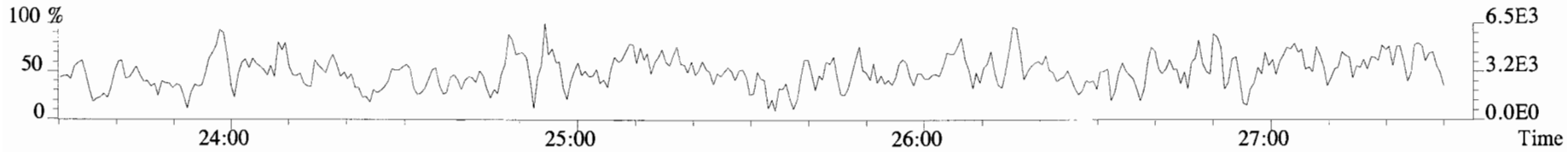
236.0376 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2616.0,0.00%,F,F)



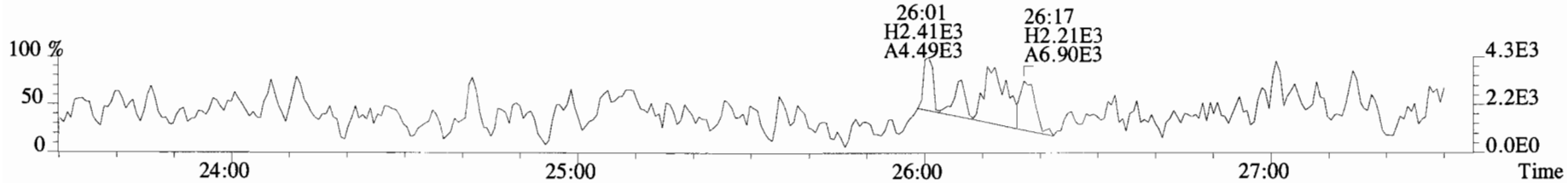
230.9856 S:3 F:2



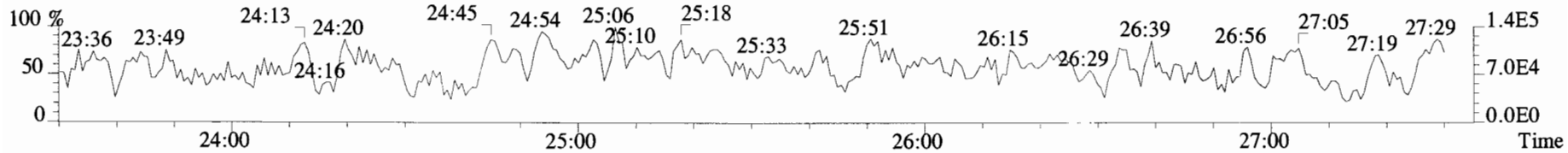
File:180302E1 #1-757 Acq: 2-MAR-2018 12:10:14 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4236.0,0.00%,F,F)



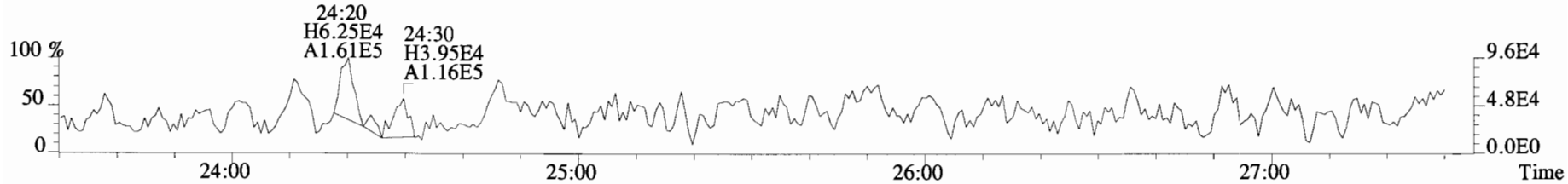
257.9584 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2228.0,0.00%,F,F)



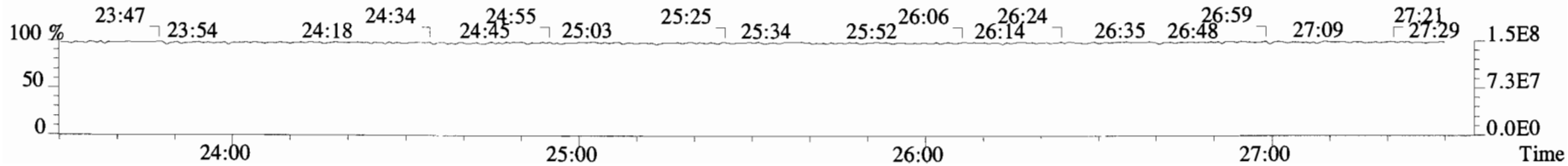
268.0016 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,110492.0,0.00%,F,F)



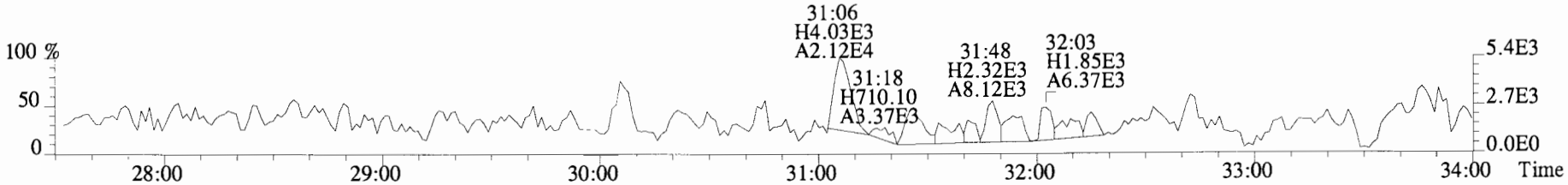
269.9986 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,54232.0,0.00%,F,F)



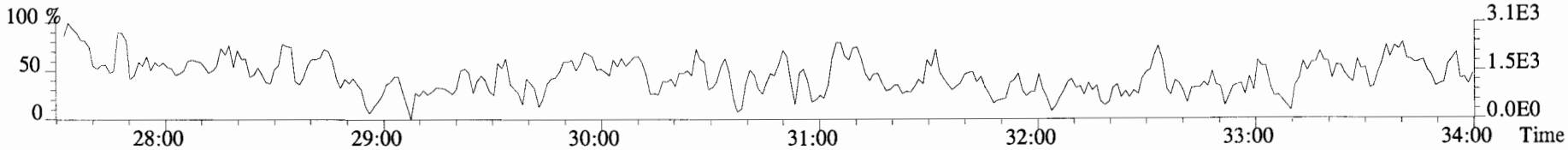
230.9856 S:3 F:2



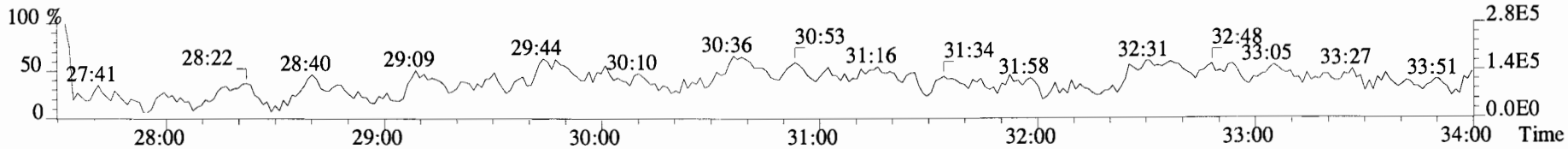
File:180302E1 #1-756 Acq: 2-MAR-2018 12:10:14 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2440.0,0.00%,F,F)



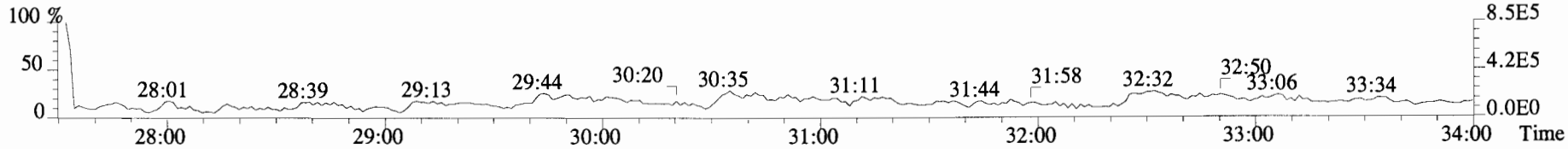
257.9584 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1844.0,0.00%,F,F)



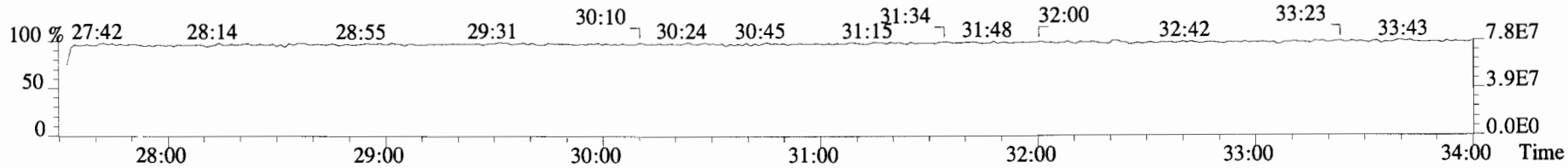
268.0016 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,141856.0,0.00%,F,F)



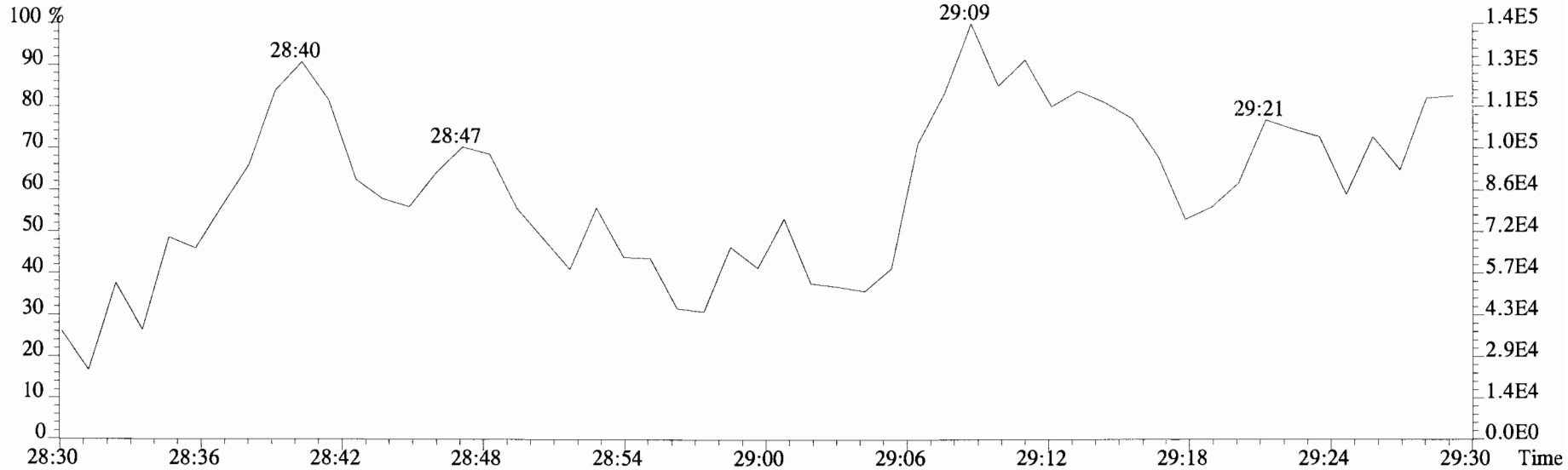
269.9986 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,179608.0,0.00%,F,F)



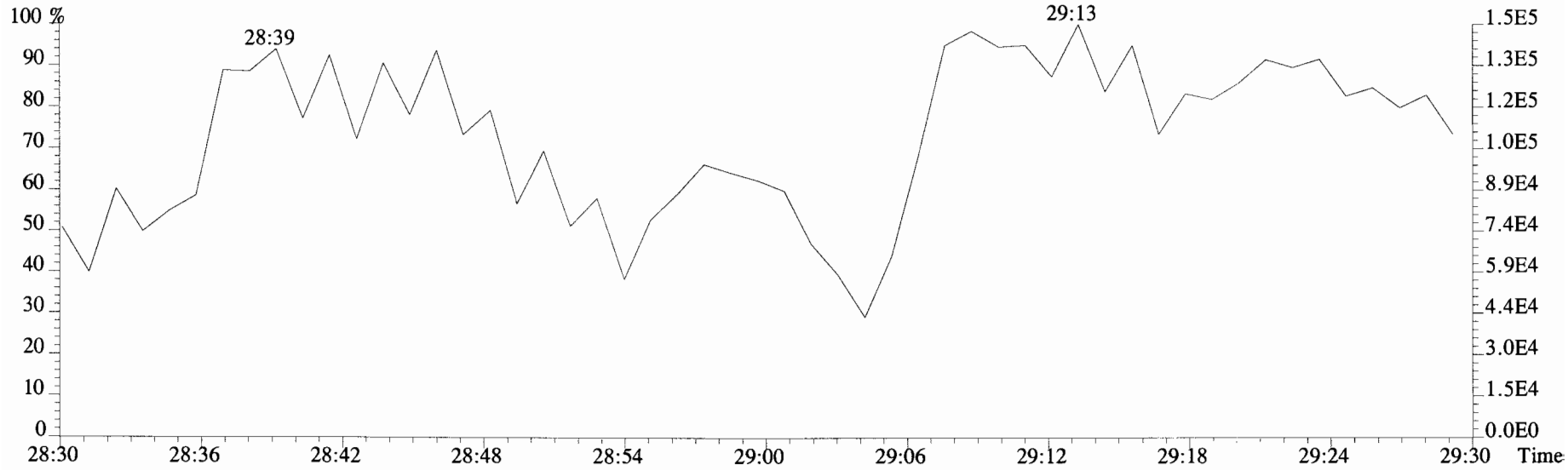
330.9792 S:3 F:3



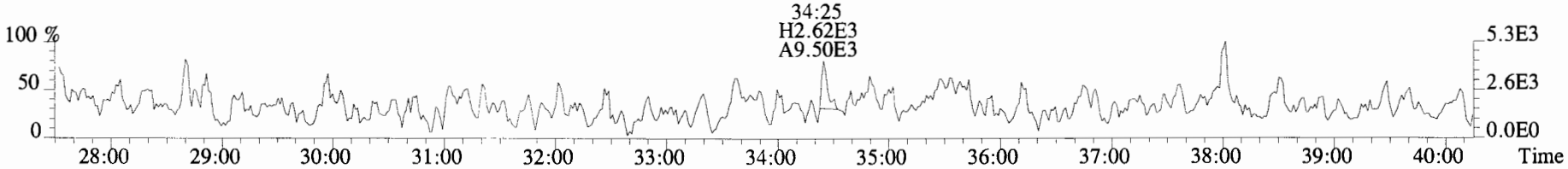
File:180302E1 #1-756 Acq: 2-MAR-2018 12:10:14 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
268.0016 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,141856.0,0.00%,F,F)



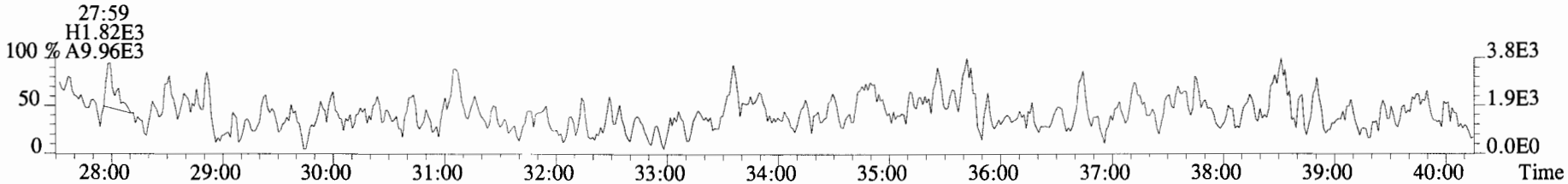
269.9986 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,179608.0,0.00%,F,F)



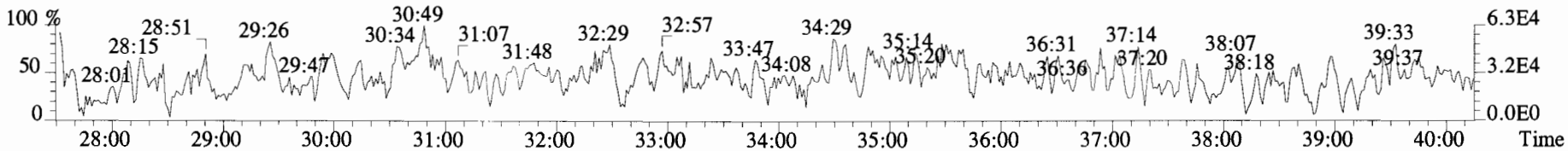
File:180302E1 #1-756 Acq: 2-MAR-2018 12:10:14 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2252.0,0.00%,F,F)



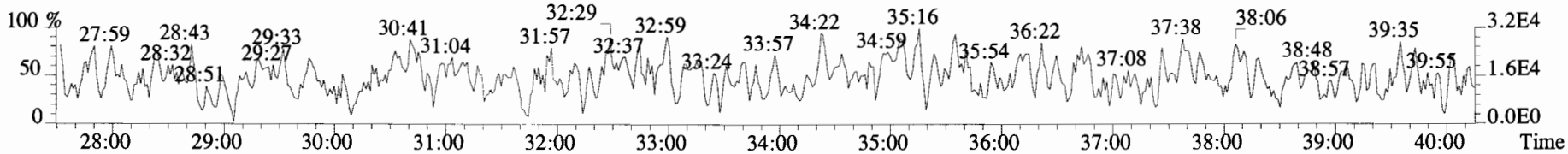
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1996.0,0.00%,F,F)



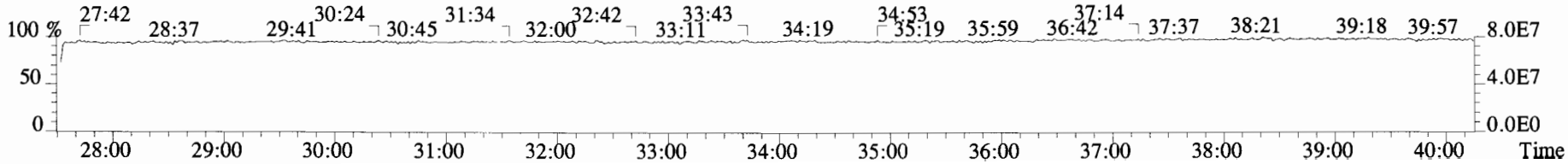
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36924.0,0.00%,F,F)



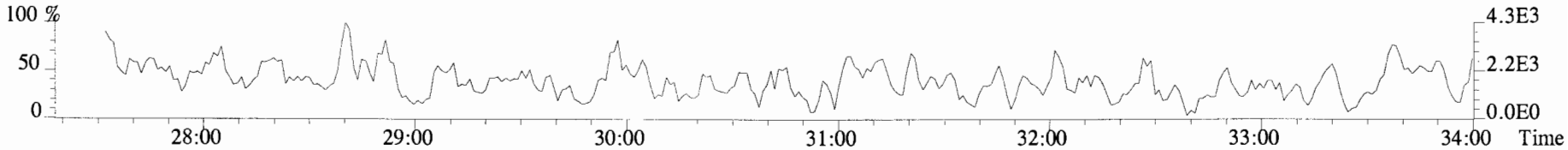
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20044.0,0.00%,F,F)



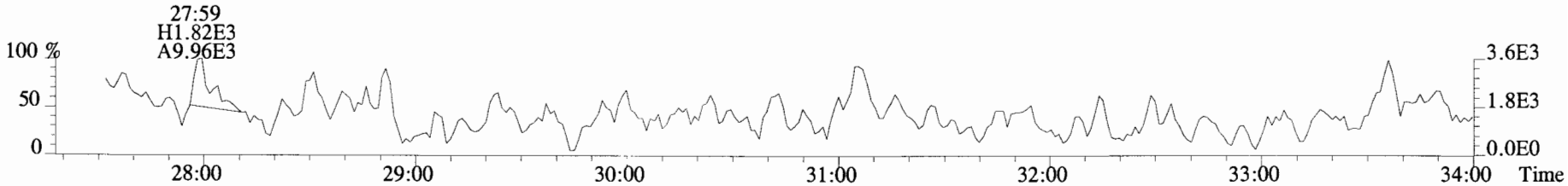
330.9792 S:3 F:3



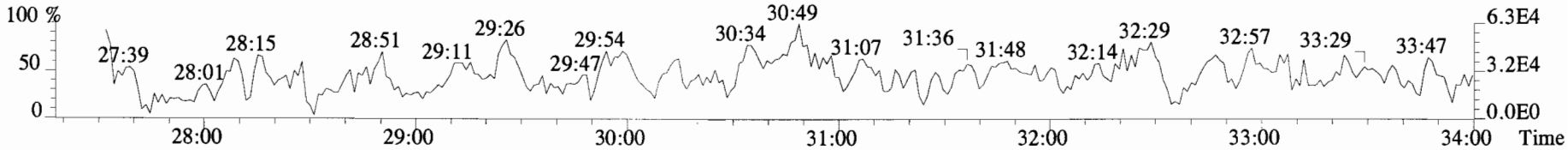
File:180302E1 #1-756 Acq: 2-MAR-2018 12:10:14 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2252.0,0.00%,F,F)



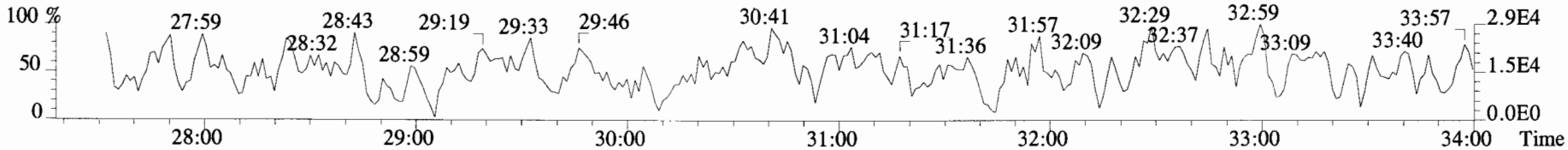
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1996.0,0.00%,F,F)



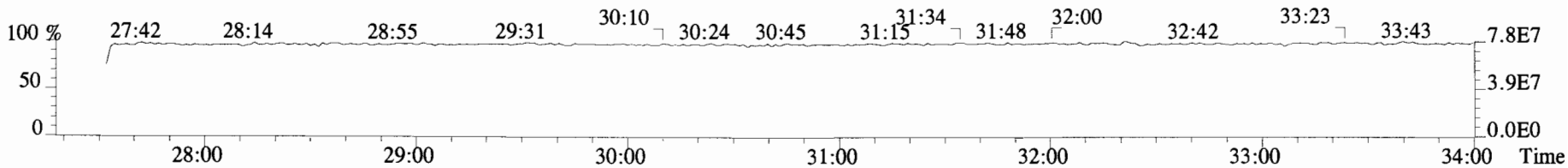
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36924.0,0.00%,F,F)



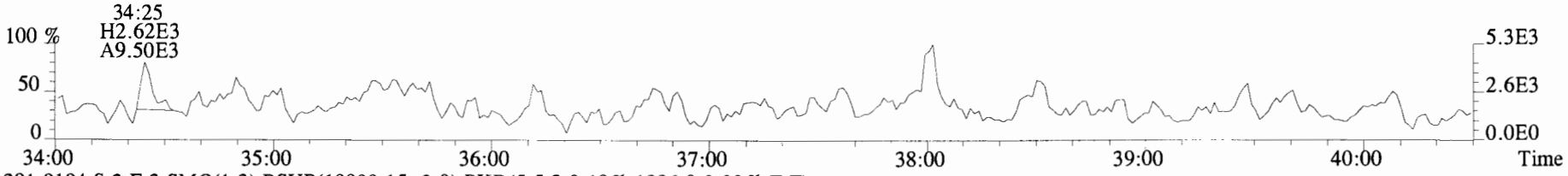
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20044.0,0.00%,F,F)



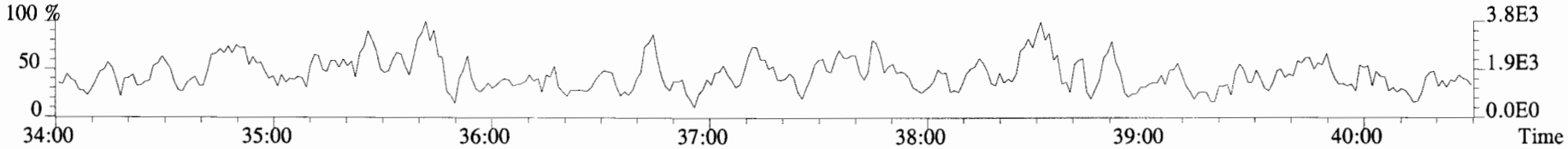
330.9792 S:3 F:3



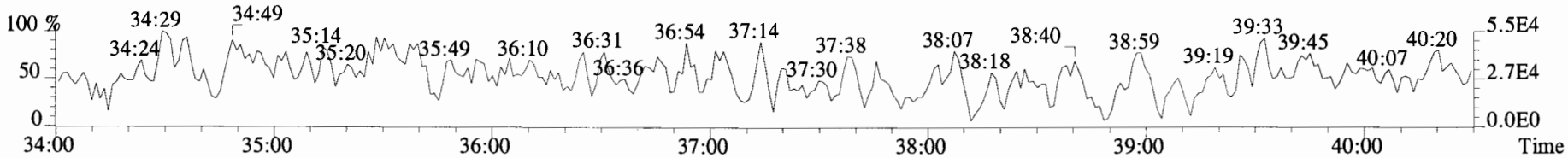
File:180302E1 #1-756 Acq: 2-MAR-2018 12:10:14 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2252.0,0.00%,F,F)



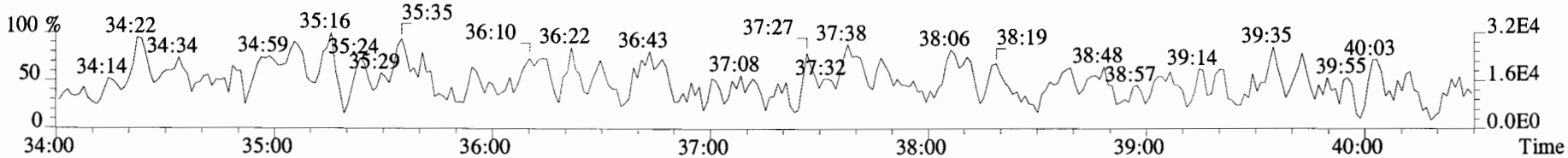
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1996.0,0.00%,F,F)



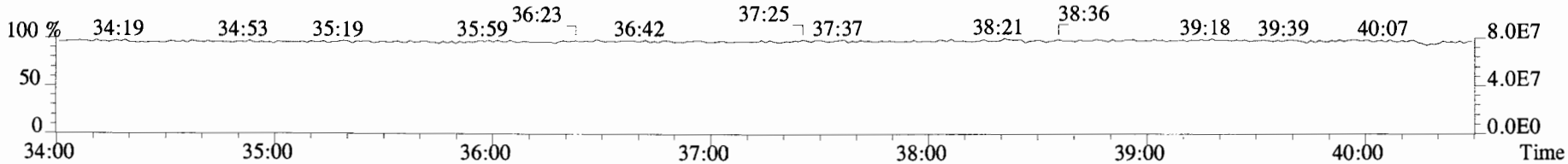
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36924.0,0.00%,F,F)



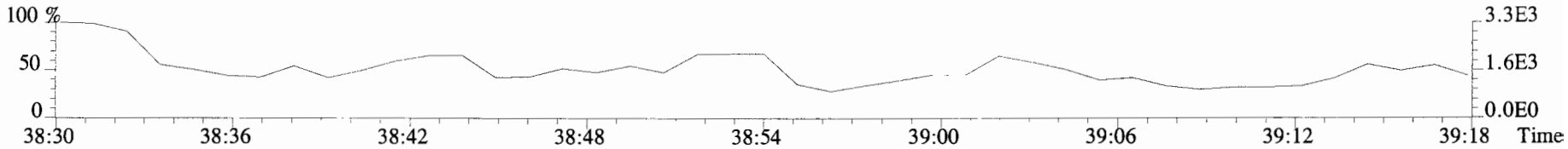
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20044.0,0.00%,F,F)



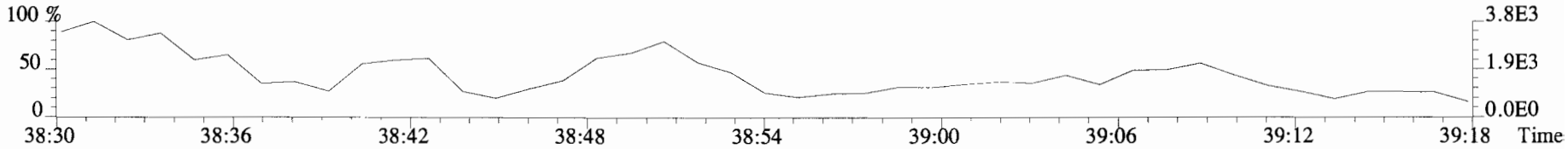
330.9792 S:3 F:3



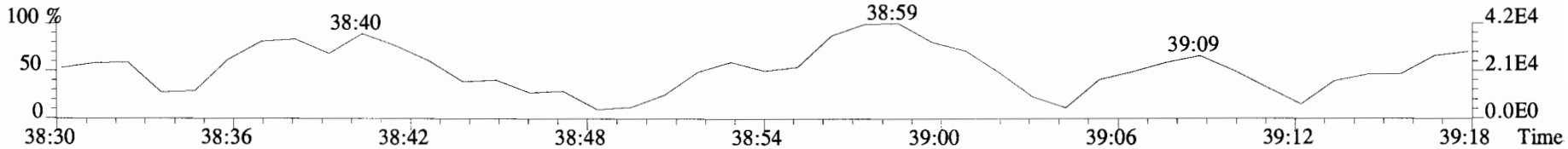
File:180302E1 #1-756 Acq: 2-MAR-2018 12:10:14 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2252.0,0.00%,F,F)



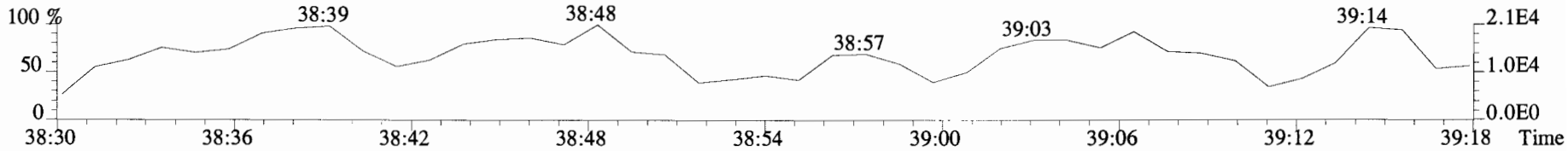
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1996.0,0.00%,F,F)



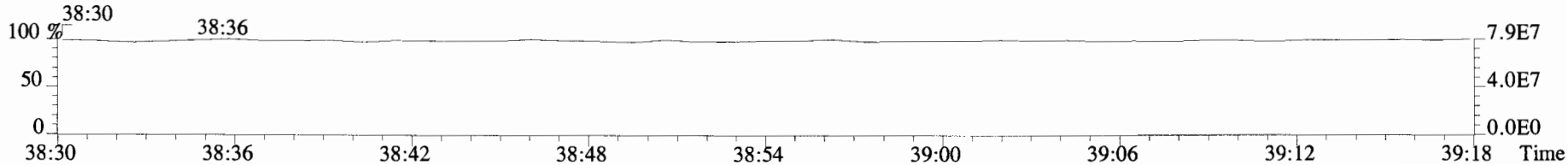
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36924.0,0.00%,F,F)



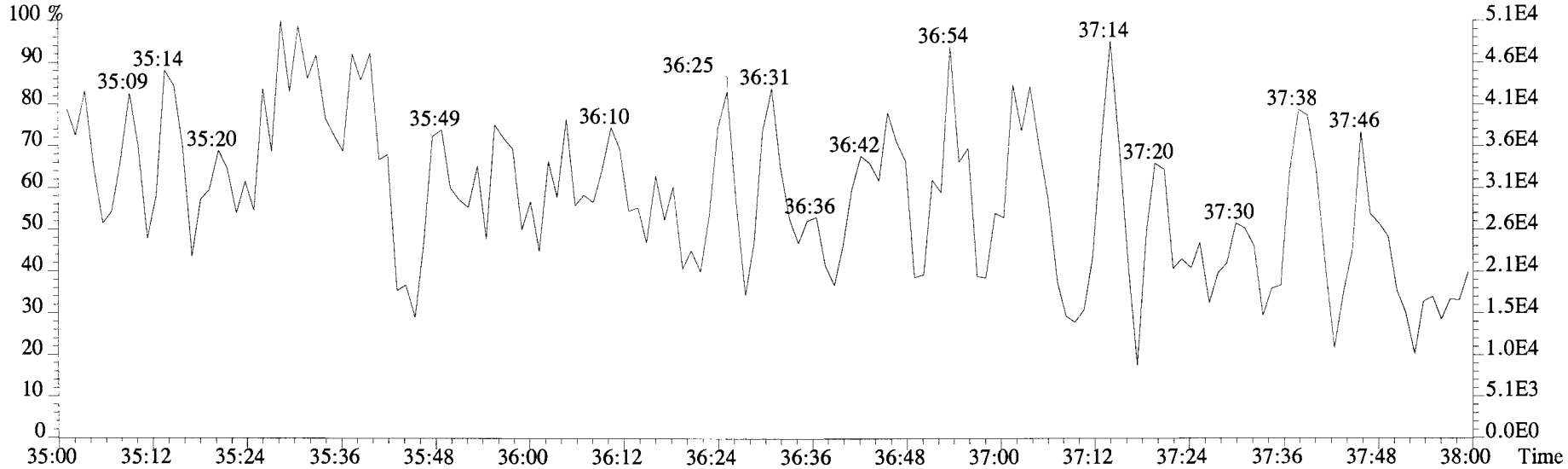
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20044.0,0.00%,F,F)



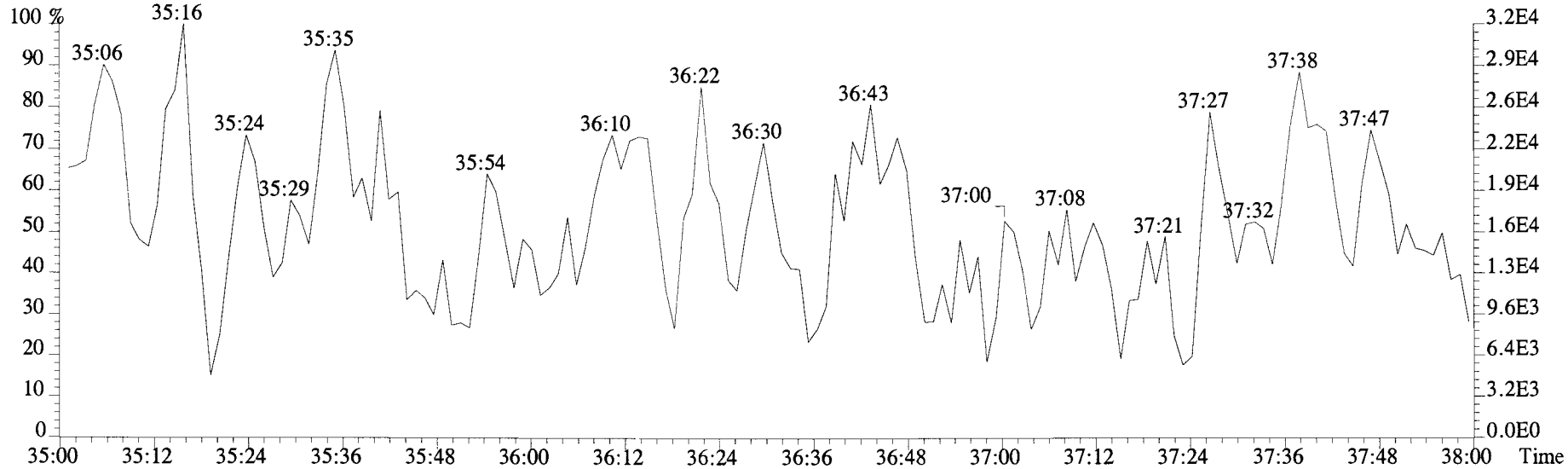
330.9792 S:3 F:3



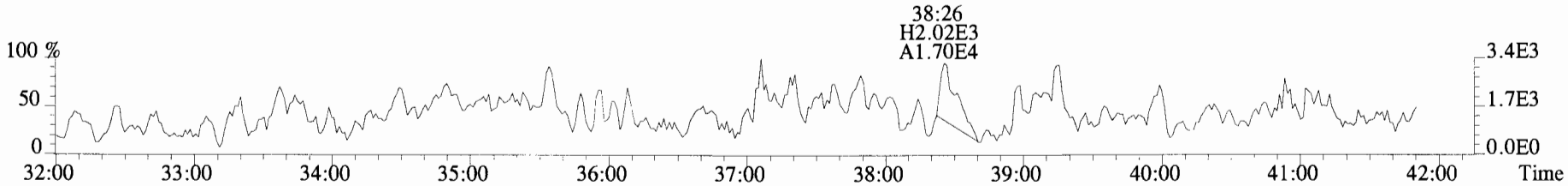
File:180302E1 #1-756 Acq: 2-MAR-2018 12:10:14 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36924.0,0.00%,F,F)



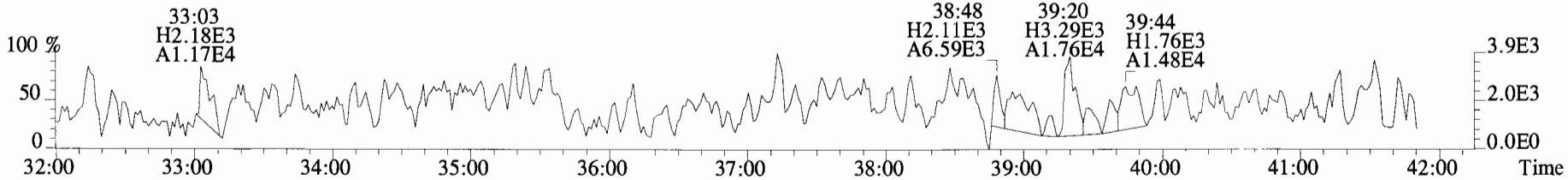
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20044.0,0.00%,F,F)



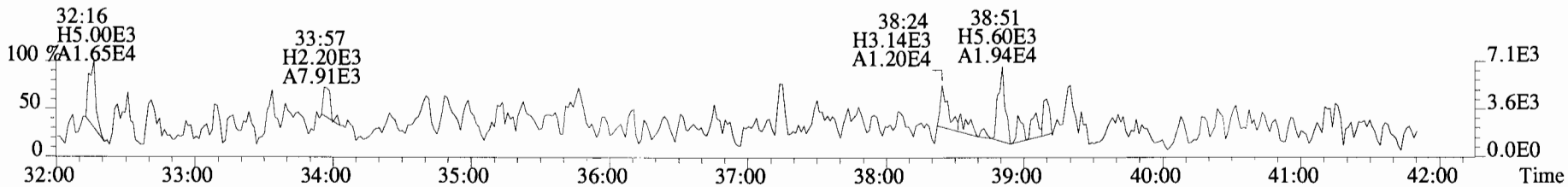
File:180302E1 #1-756 Acq: 2-MAR-2018 12:10:14 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1920.0,0.00%,F,F)



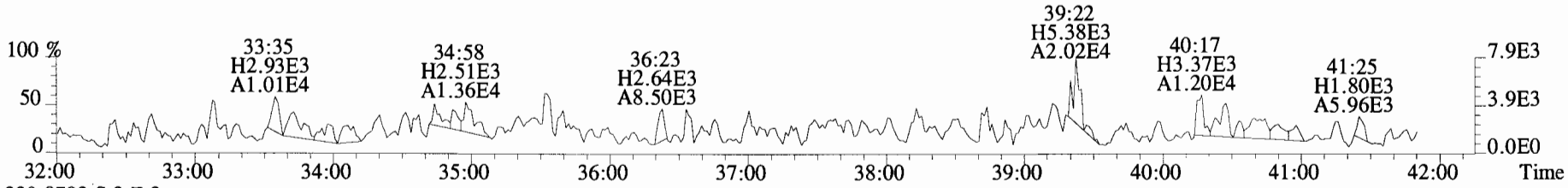
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2356.0,0.00%,F,F)



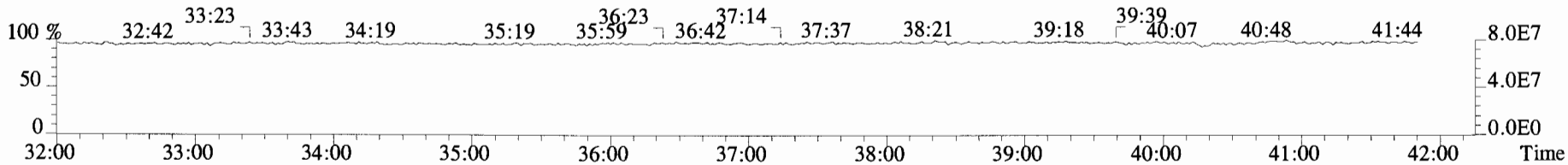
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3060.0,0.00%,F,F)



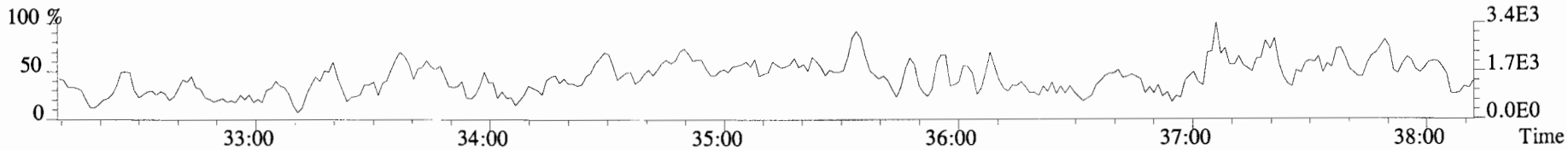
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2420.0,0.00%,F,F)



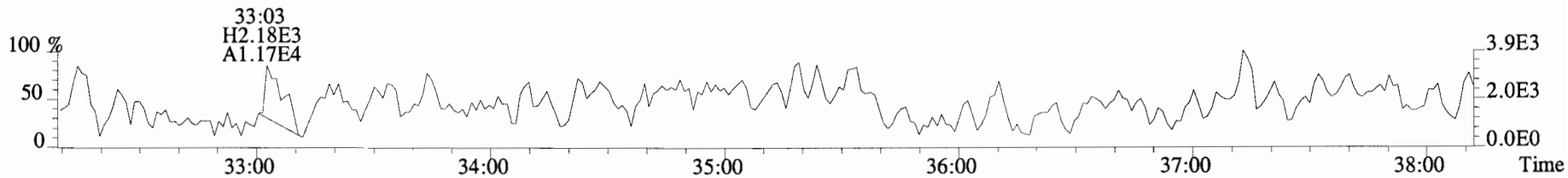
330.9792 S:3 F:3



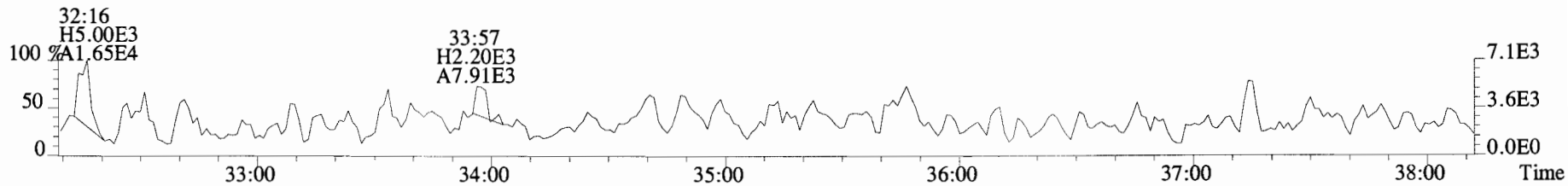
File:180302E1 #1-756 Acq: 2-MAR-2018 12:10:14 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1920.0,0.00%,F,F)



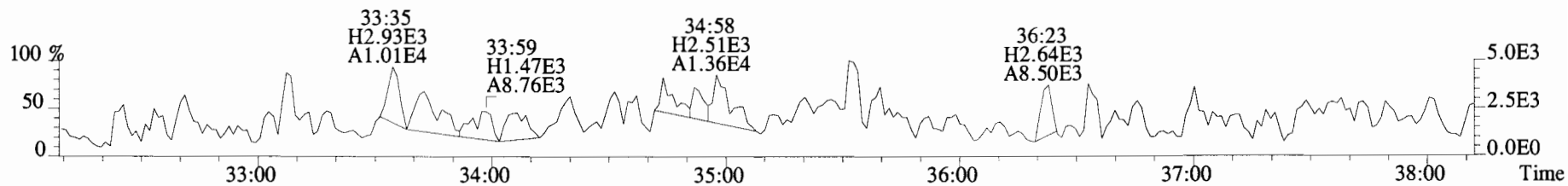
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2356.0,0.00%,F,F)



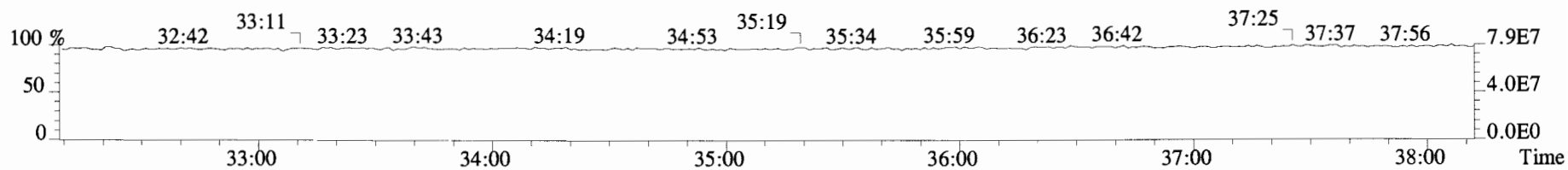
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3060.0,0.00%,F,F)



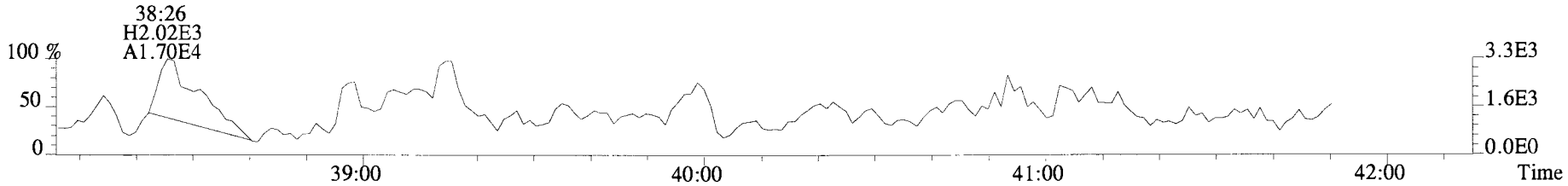
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2420.0,0.00%,F,F)



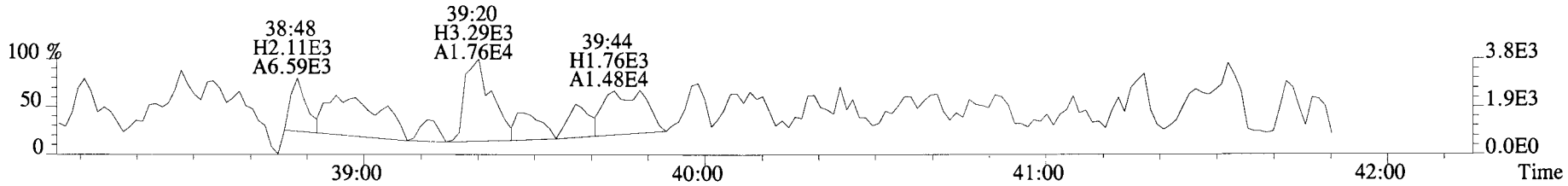
330.9792 S:3 F:3



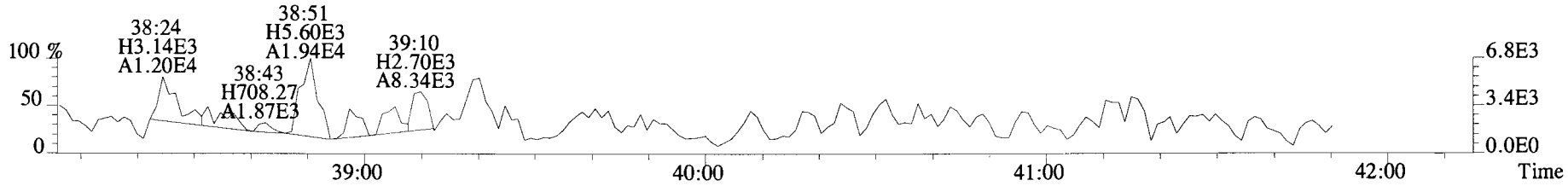
File:180302E1 #1-756 Acq: 2-MAR-2018 12:10:14 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1920.0,0.00%,F,F)



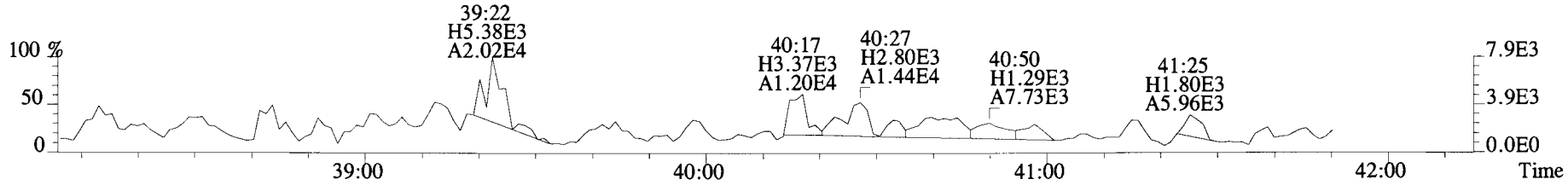
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2356.0,0.00%,F,F)



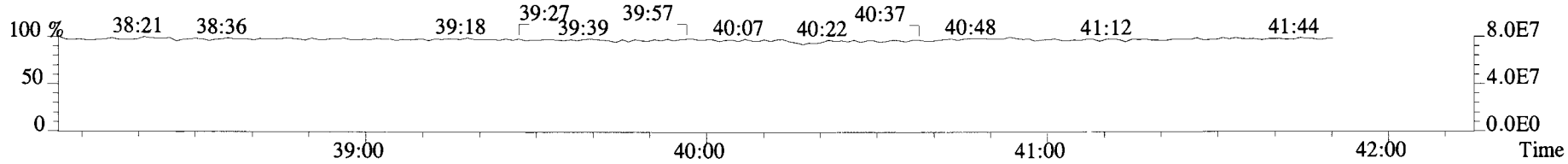
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3060.0,0.00%,F,F)



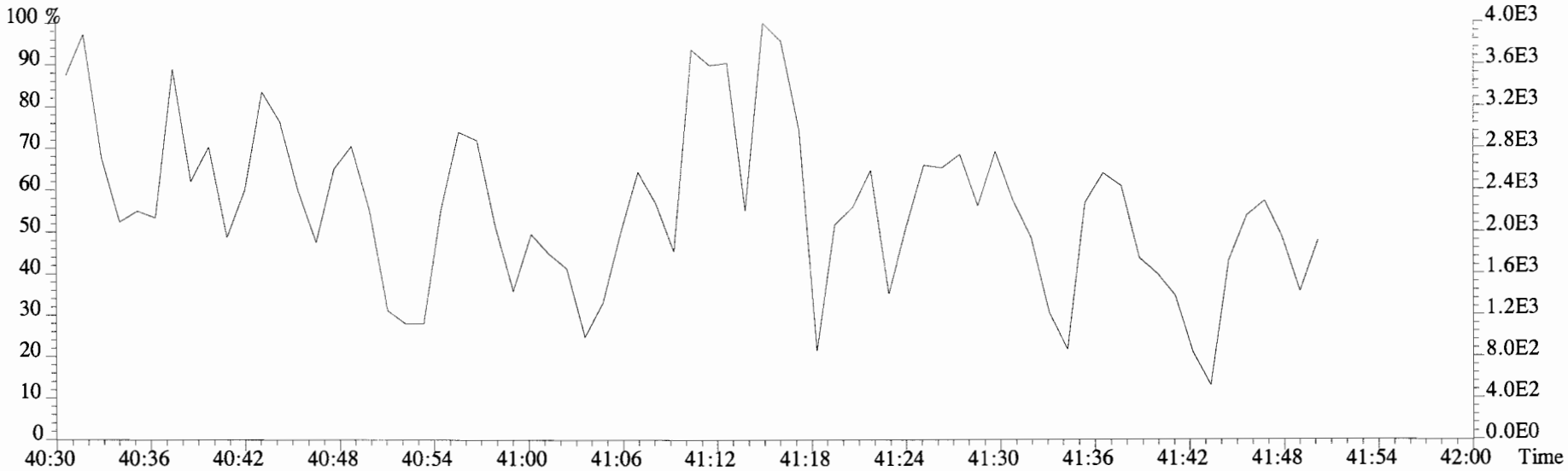
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2420.0,0.00%,F,F)



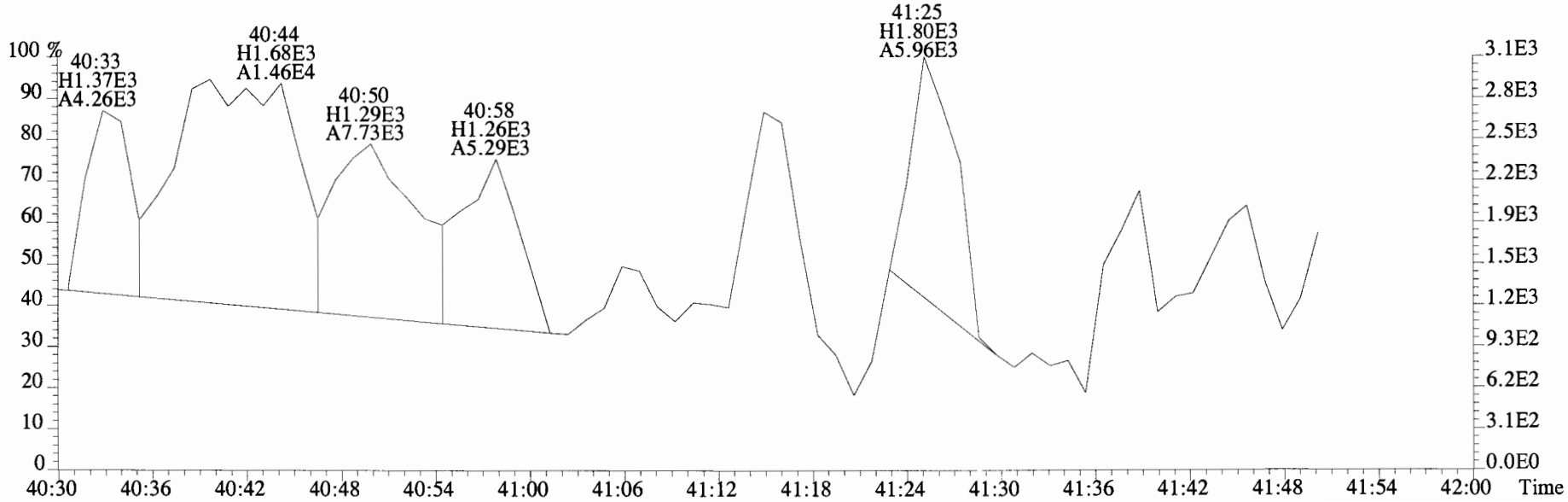
330.9792 S:3 F:3



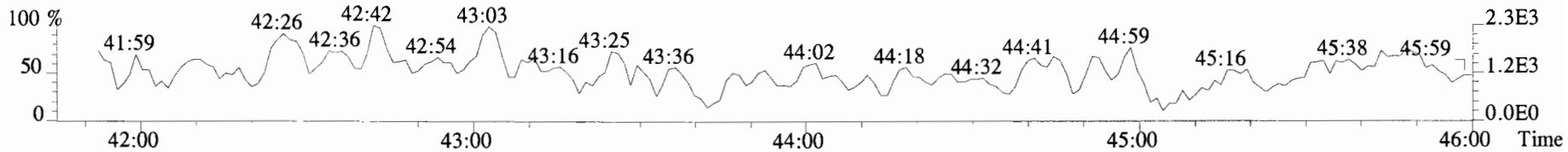
File:180302E1 #1-756 Acq: 2-MAR-2018 12:10:14 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3060.0,0.00%,F,F)



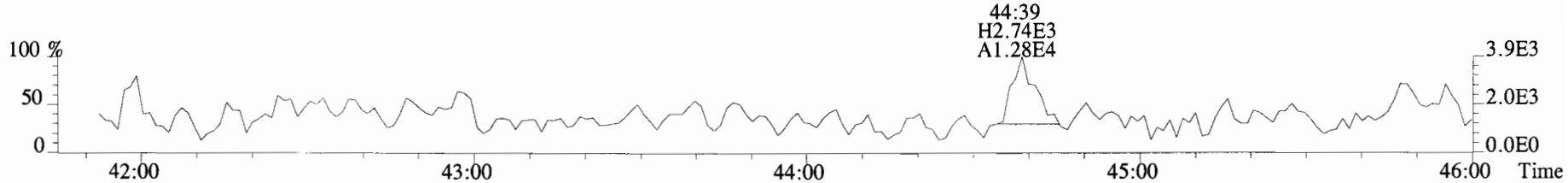
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2420.0,0.00%,F,F)



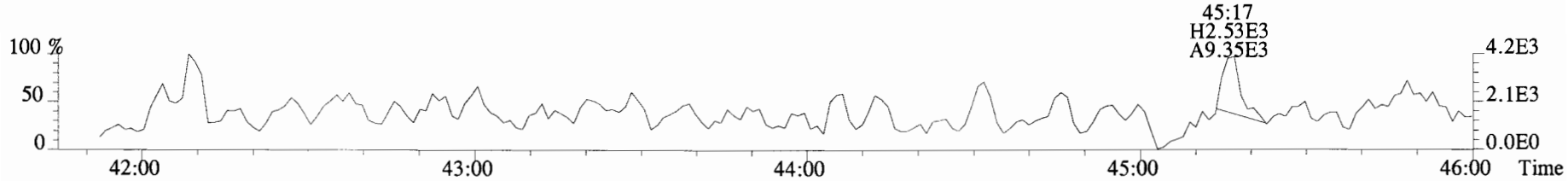
File:180302E1 #1-575 Acq: 2-MAR-2018 12:10:14 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1676.0,0.00%,F,F)



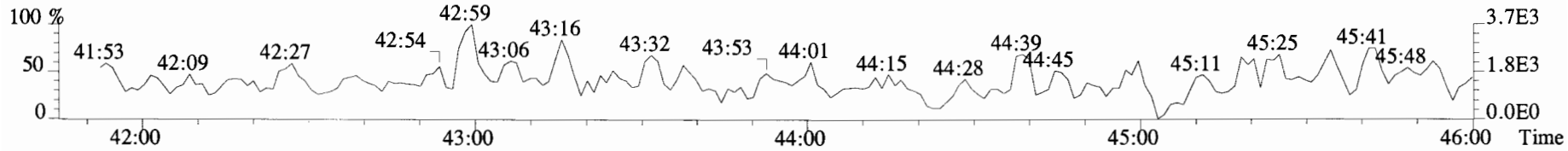
327.8775 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2012.0,0.00%,F,F)



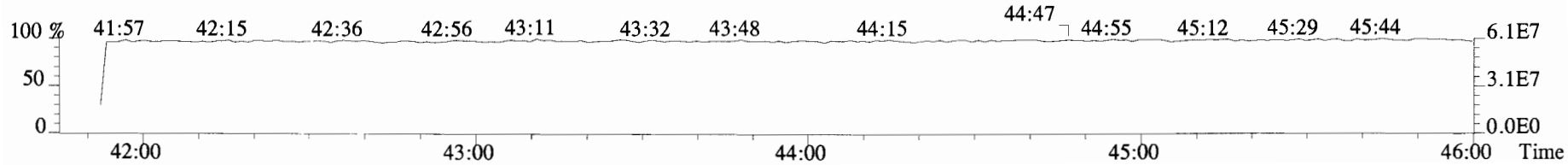
337.9207 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2164.0,0.00%,F,F)



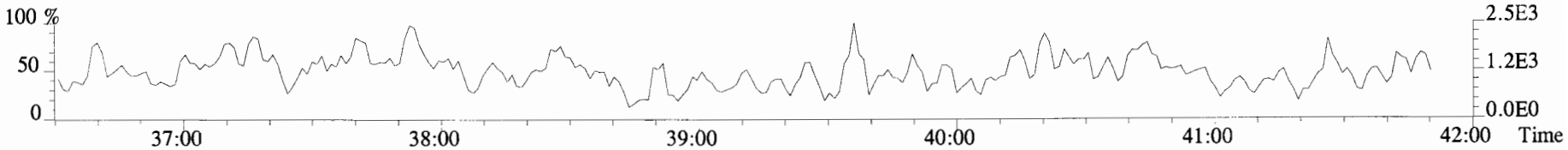
339.9177 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2008.0,0.00%,F,F)



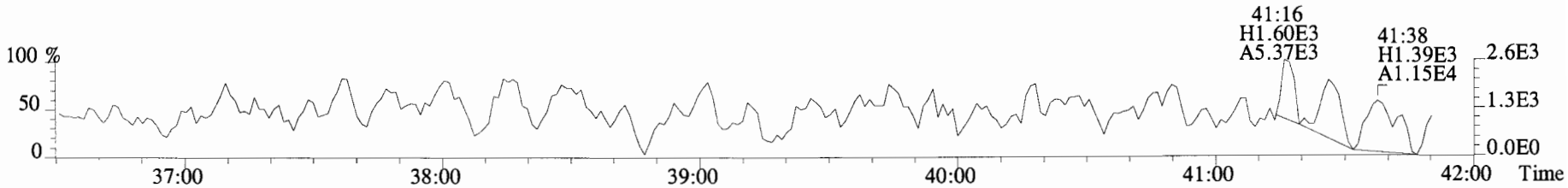
380.9760 S:3 F:4



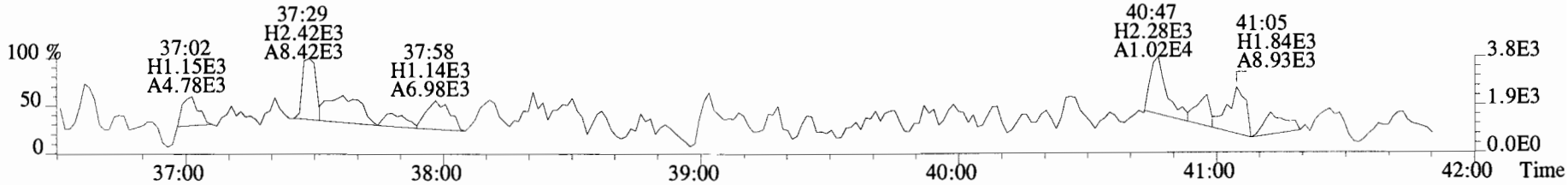
File:180302E1 #1-756 Acq: 2-MAR-2018 12:10:14 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1604.0,0.00%,F,F)



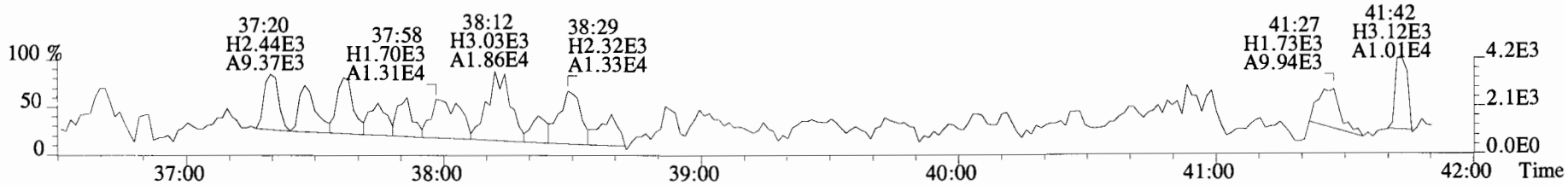
361.8385 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1600.0,0.00%,F,F)



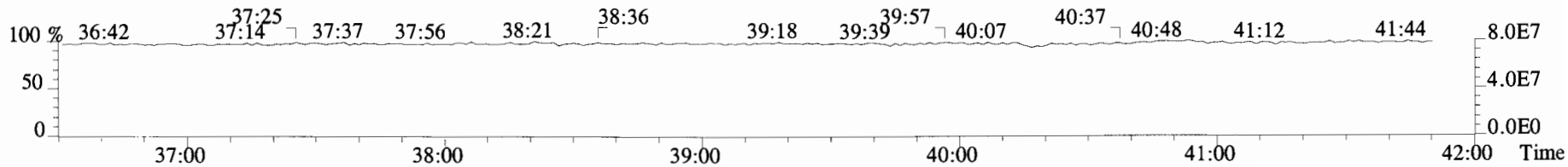
371.8817 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1824.0,0.00%,F,F)



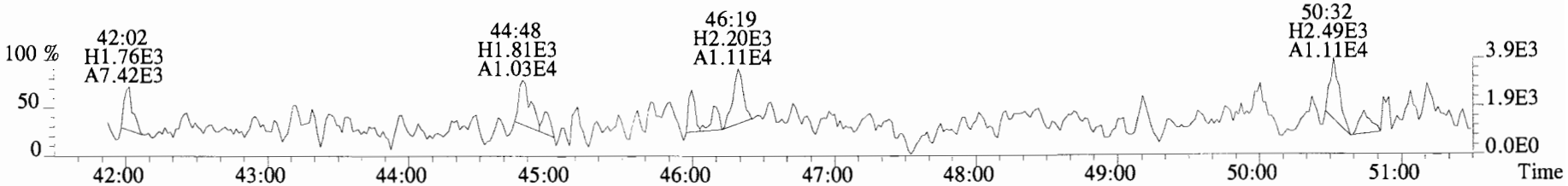
373.8788 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1804.0,0.00%,F,F)



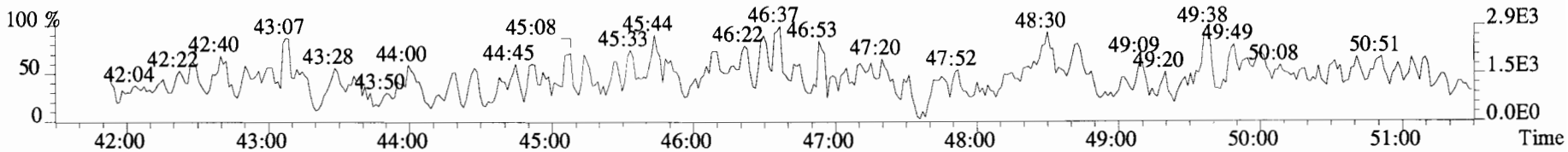
330.9792 S:3 F:3



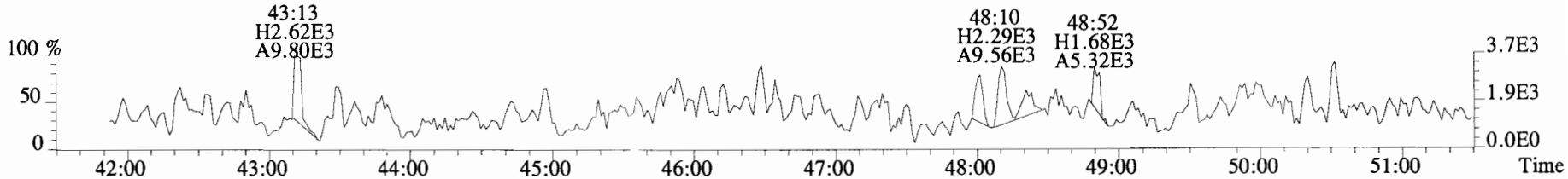
File:180302E1 #1-575 Acq: 2-MAR-2018 12:10:14 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1608.0,0.00%,F,F)



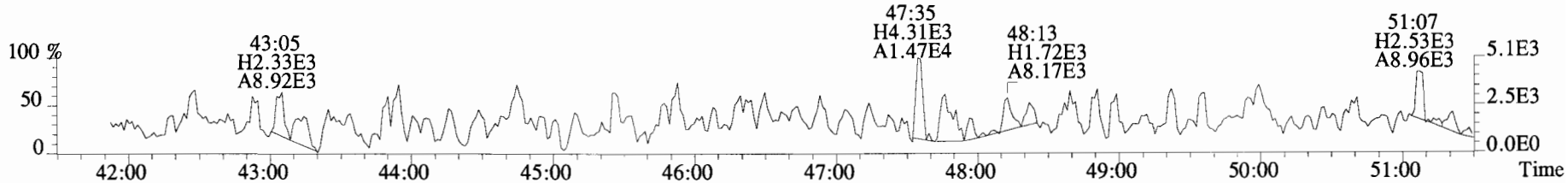
361.8385 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1636.0,0.00%,F,F)



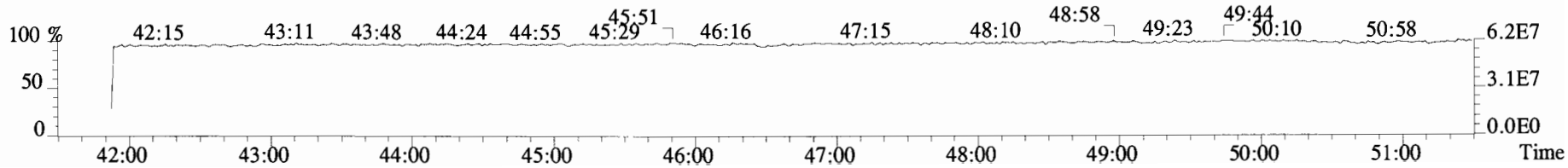
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1764.0,0.00%,F,F)



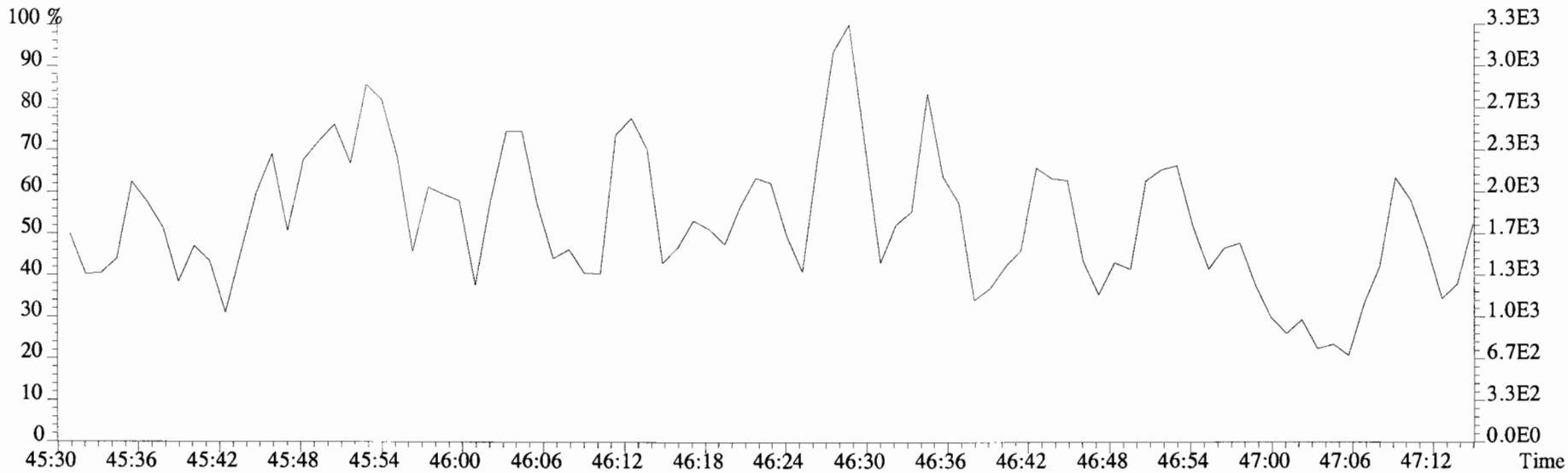
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



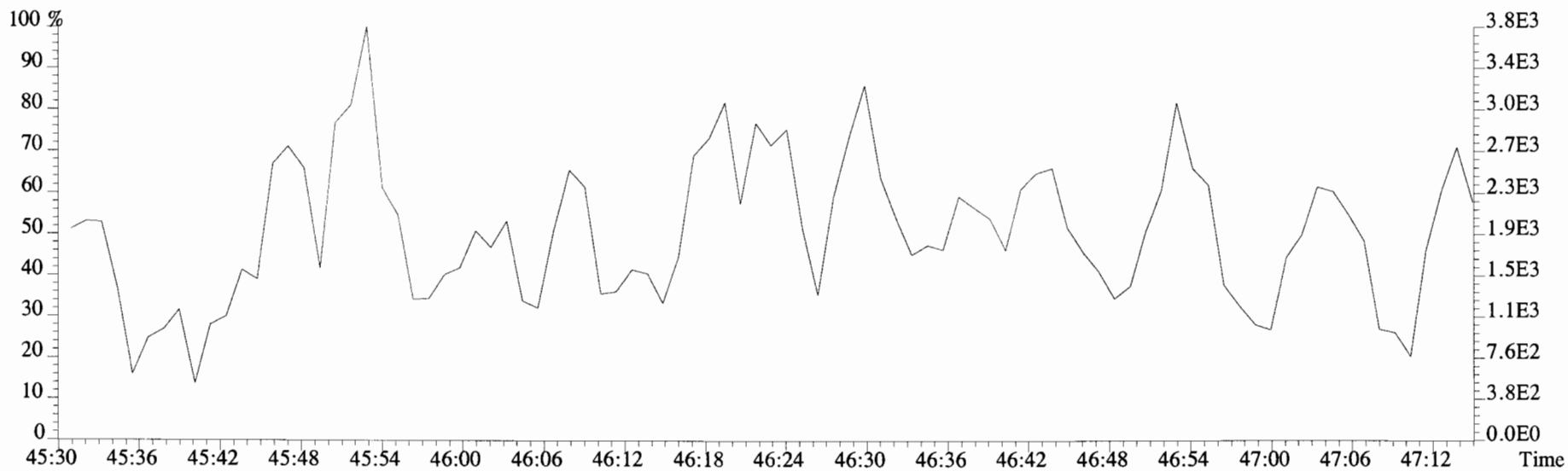
380.9760 S:3 F:4



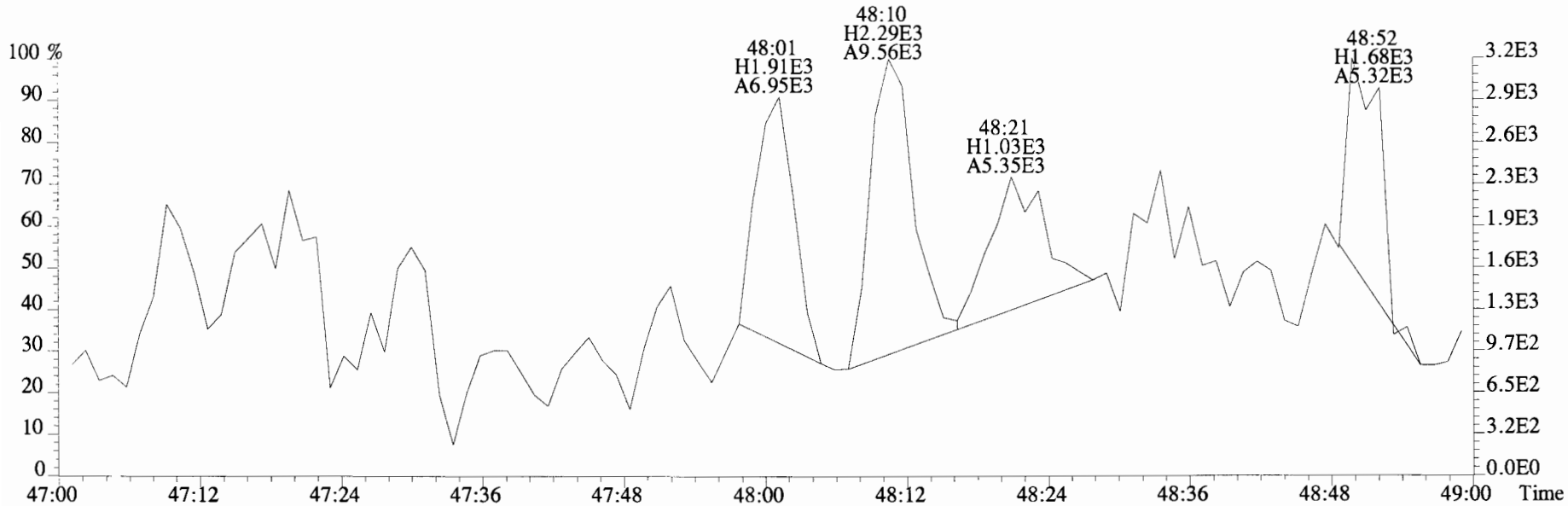
File:180302E1 #1-575 Acq: 2-MAR-2018 12:10:14 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1764.0,0.00%,F,F)



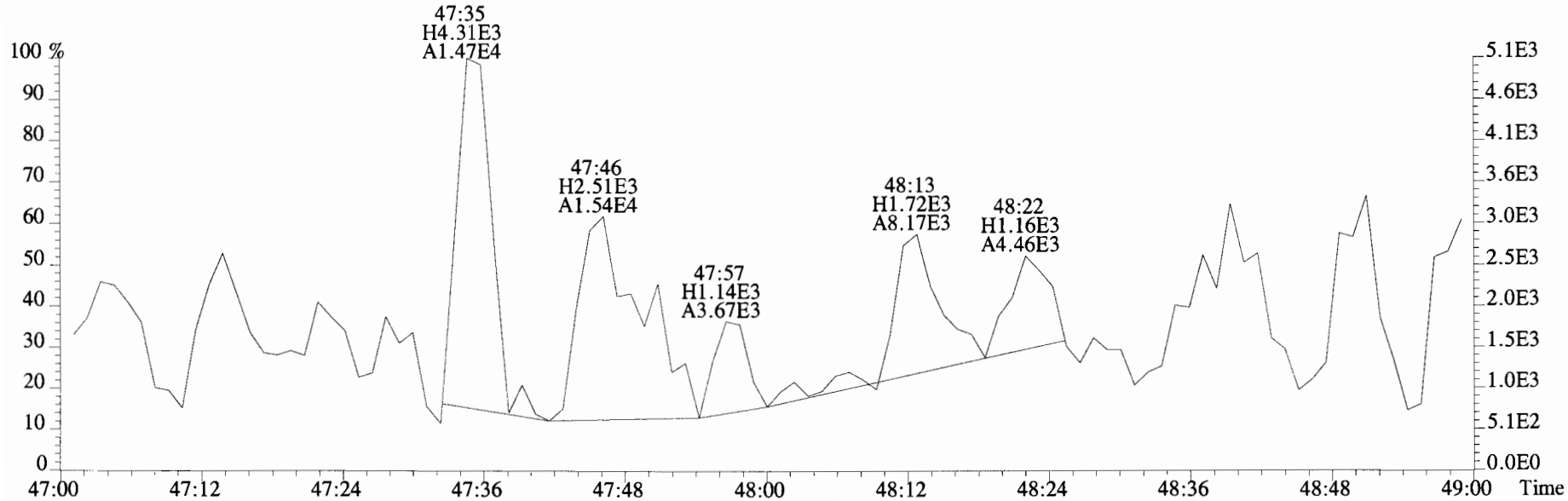
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



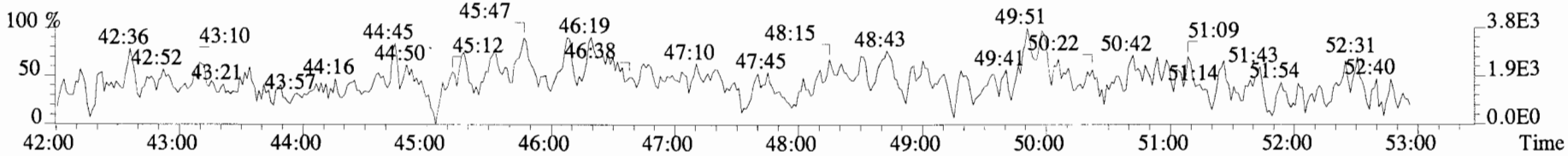
File:180302E1 #1-575 Acq: 2-MAR-2018 12:10:14 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1764.0,0.00%,F,F)



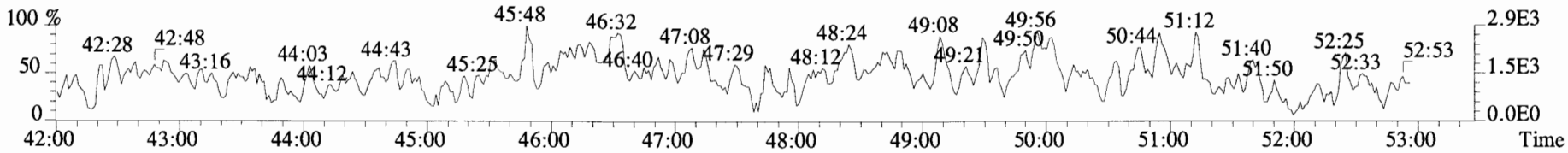
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



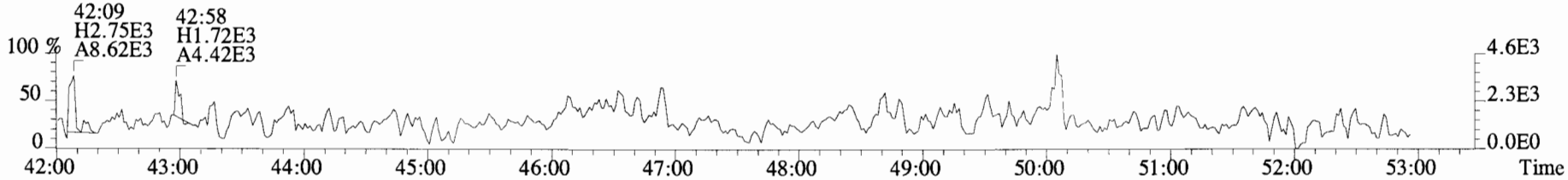
File:180302E1 #1-575 Acq: 2-MAR-2018 12:10:14 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
393.8025 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2144.0,0.00%,F,F)



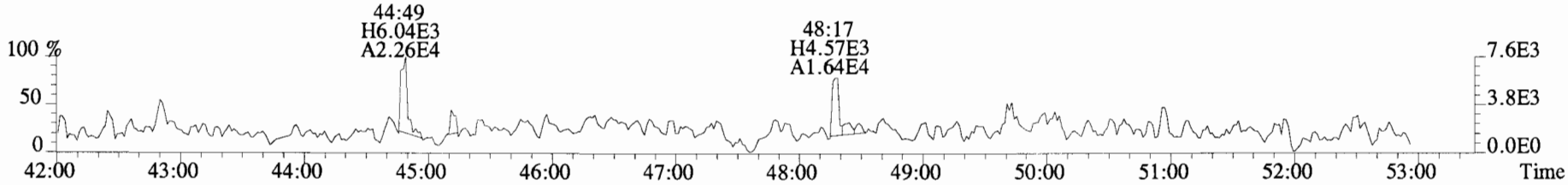
395.7995 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1736.0,0.00%,F,F)



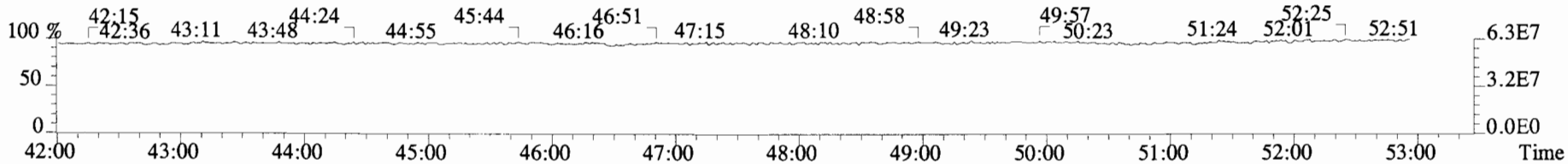
403.8457 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1692.0,0.00%,F,F)



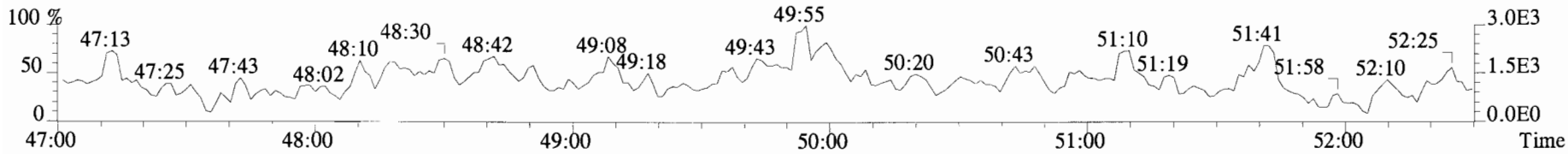
405.8428 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2336.0,0.00%,F,F)



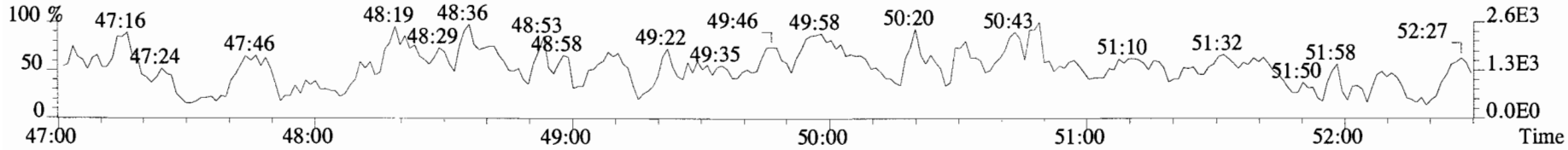
380.9760 S:3 F:4



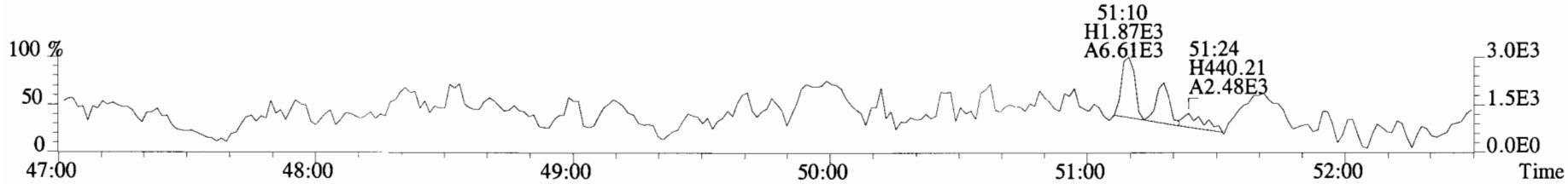
File:180302E1 #1-575 Acq: 2-MAR-2018 12:10:14 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1584.0,0.00%,F,F)



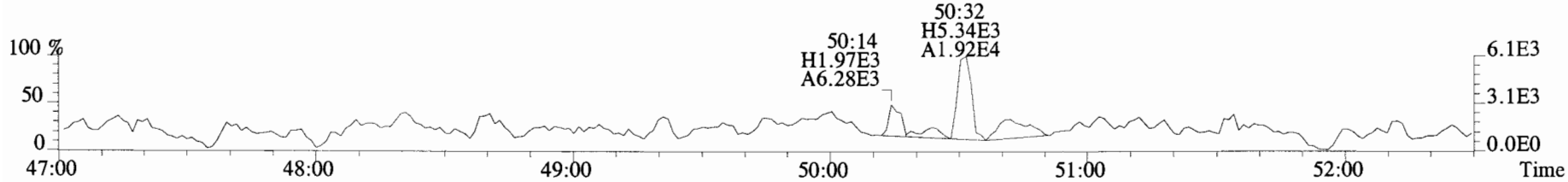
429.7606 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1768.0,0.00%,F,F)



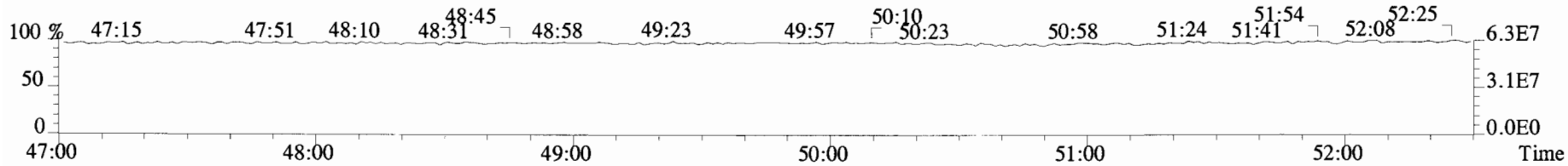
439.8038 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1564.0,0.00%,F,F)



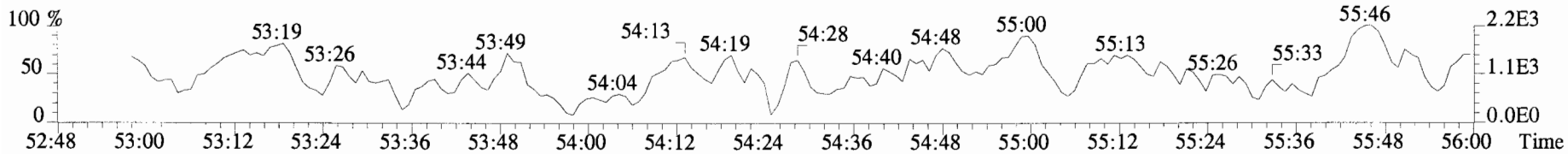
441.8008 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1844.0,0.00%,F,F)



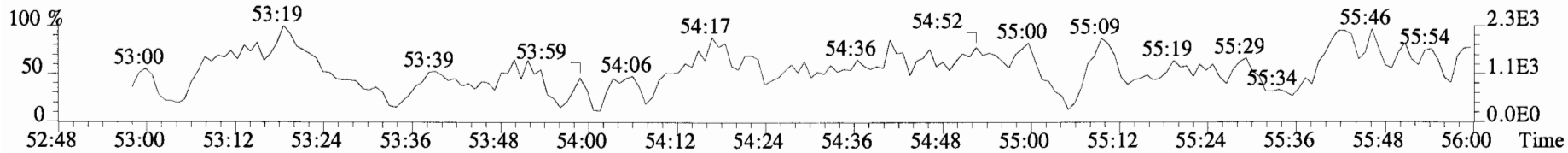
380.9760 S:3 F:4



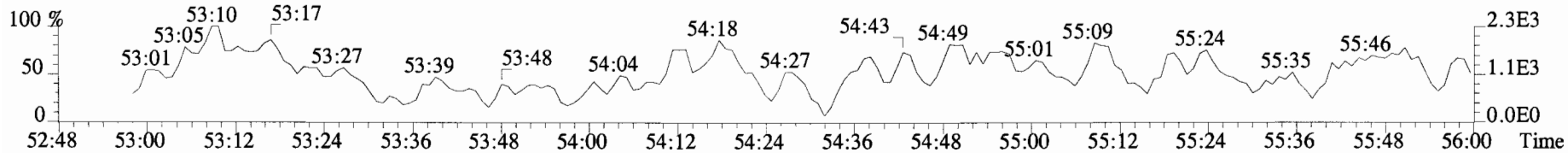
File:180302E1 #1-406 Acq: 2-MAR-2018 12:10:14 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1464.0,0.00%,F,F)



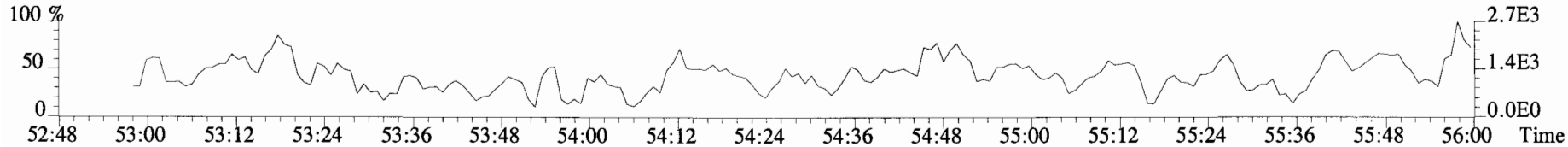
429.7606 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1608.0,0.00%,F,F)



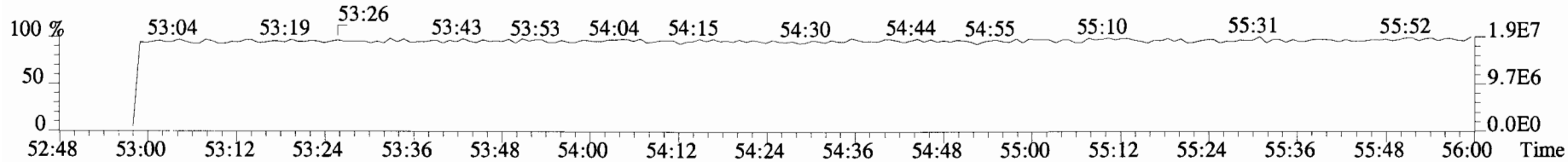
439.8038 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1544.0,0.00%,F,F)



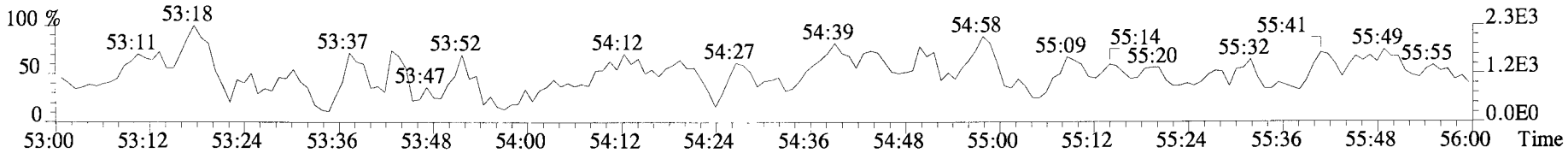
441.8008 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1516.0,0.00%,F,F)



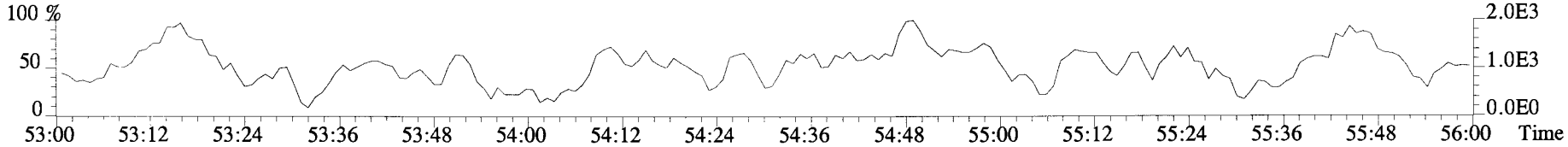
492.9697 S:3 F:5



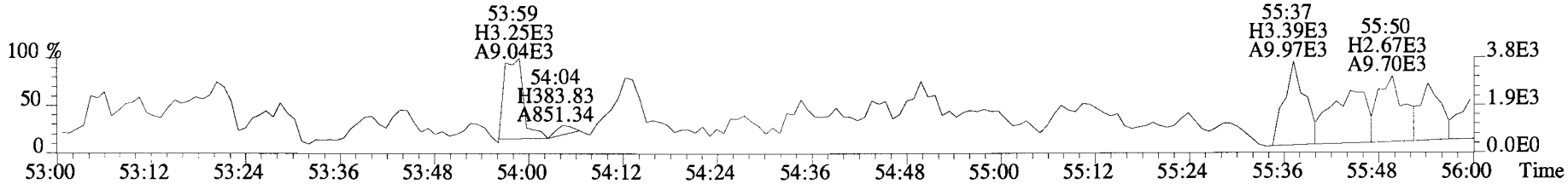
File:180302E1 #1-406 Acq: 2-MAR-2018 12:10:14 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
463.7216 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1476.0,0.00%,F,F)



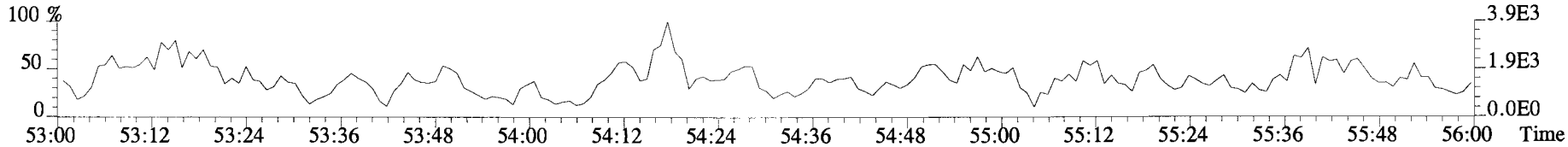
465.7186 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1376.0,0.00%,F,F)



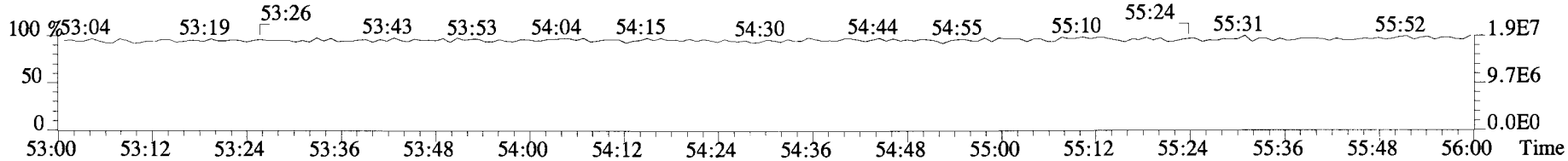
473.7648 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1804.0,0.00%,F,F)



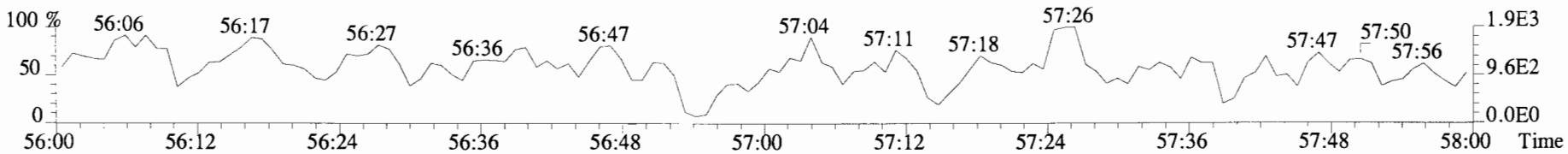
475.7619 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1892.0,0.00%,F,F)



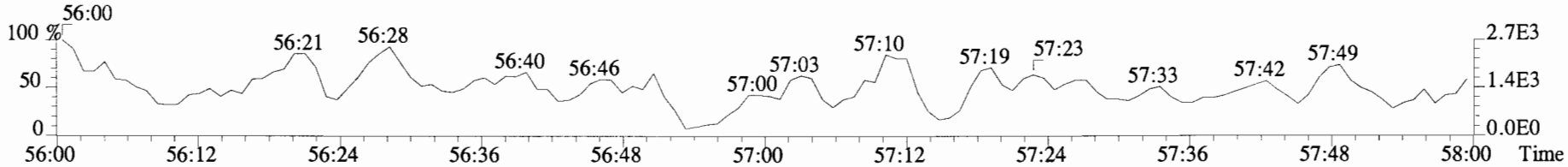
492.9697 S:3 F:5



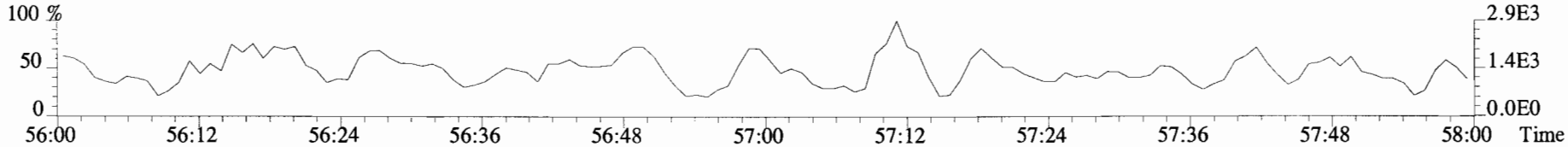
File:180302E1 #1-406 Acq: 2-MAR-2018 12:10:14 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
497.6826 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1440.0,0.00%,F,F)



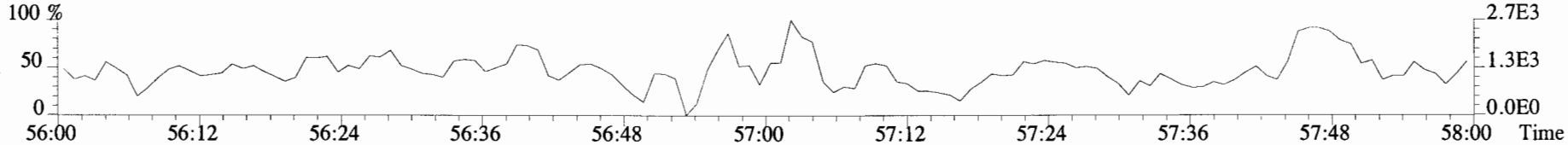
499.6797 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1664.0,0.00%,F,F)



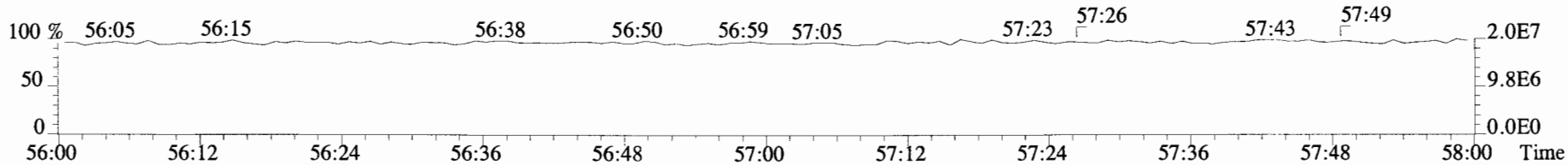
509.7229 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1840.0,0.00%,F,F)



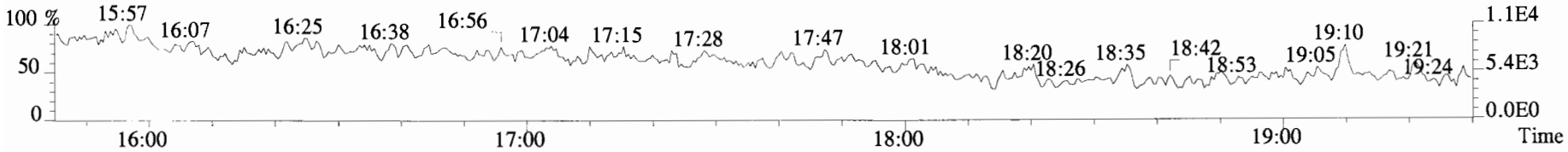
511.7199 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1552.0,0.00%,F,F)



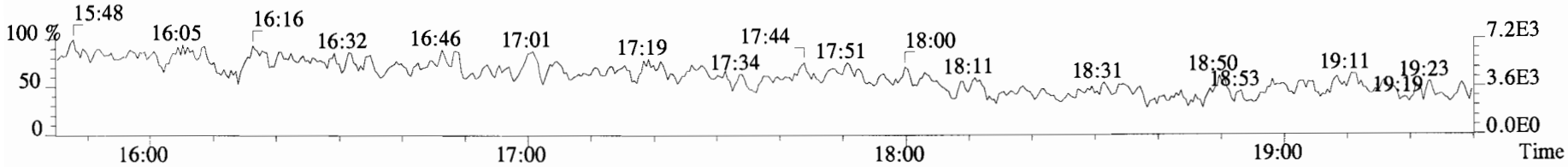
492.9697 S:3 F:5



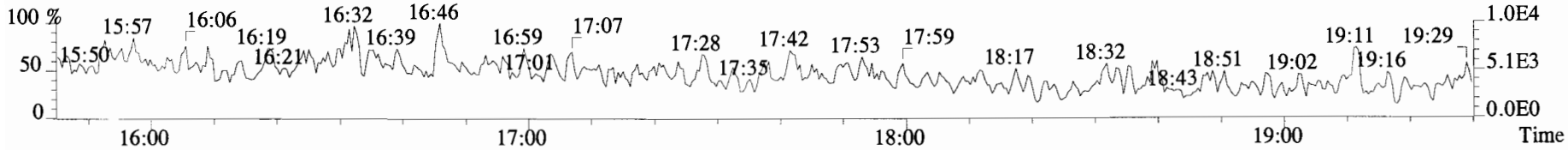
File:180302E1 #1-867 Acq: 2-MAR-2018 21:56:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
188.0393 S:12 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8012.0,0.00%,F,F)



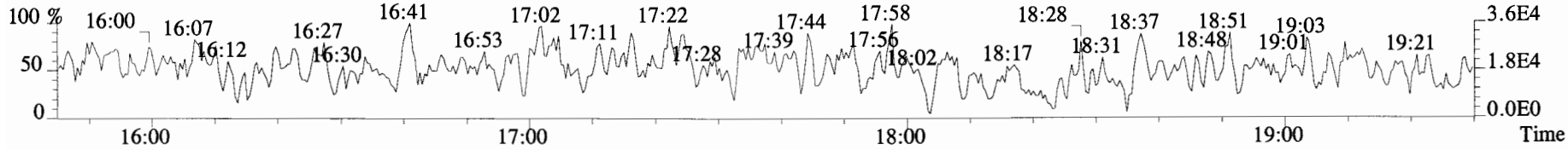
190.0363 S:12 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5476.0,0.00%,F,F)



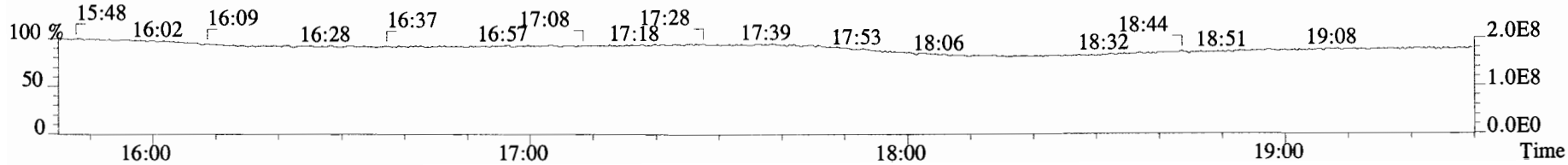
200.0795 S:12 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5716.0,0.00%,F,F)



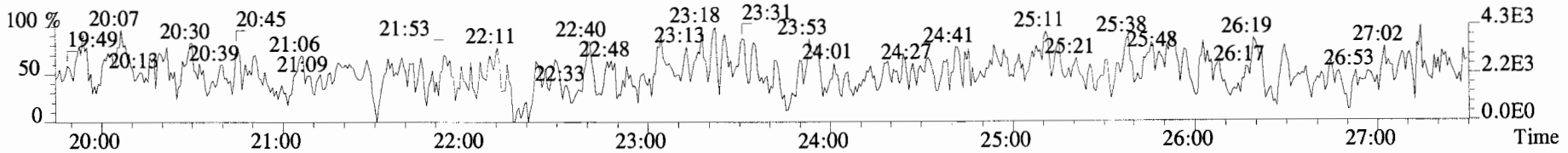
202.0766 S:12 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24104.0,0.00%,F,F)



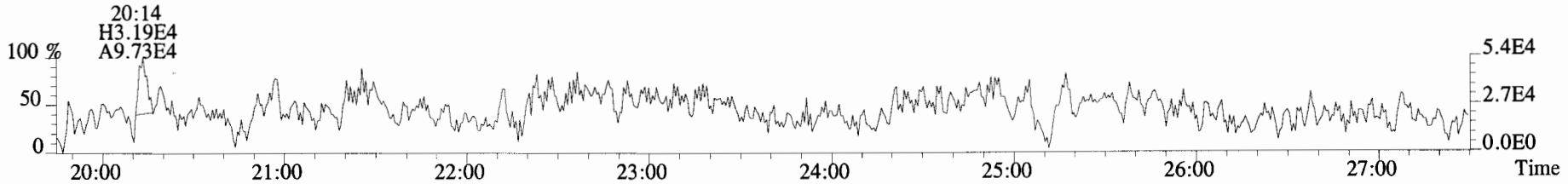
180.9880 S:12



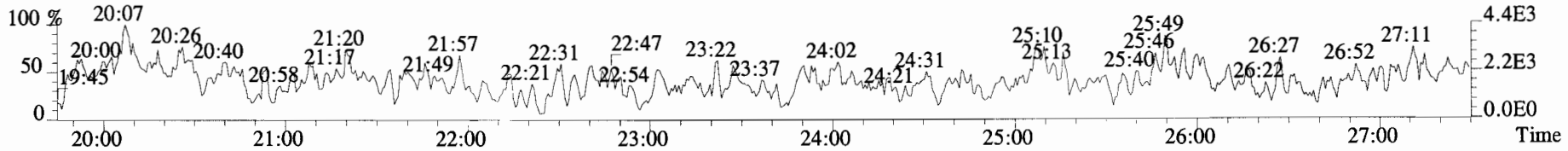
File:180302E1 #1-757 Acq: 2-MAR-2018 21:56:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
222.0003 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2972.0,0.00%,F,F)



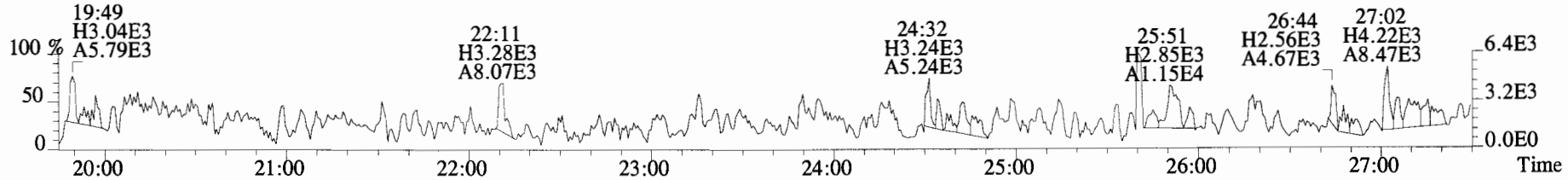
223.9974 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,30728.0,0.00%,F,F)



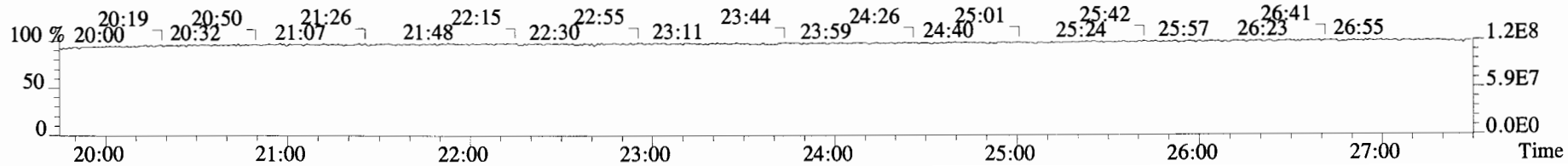
234.0406 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2304.0,0.00%,F,F)



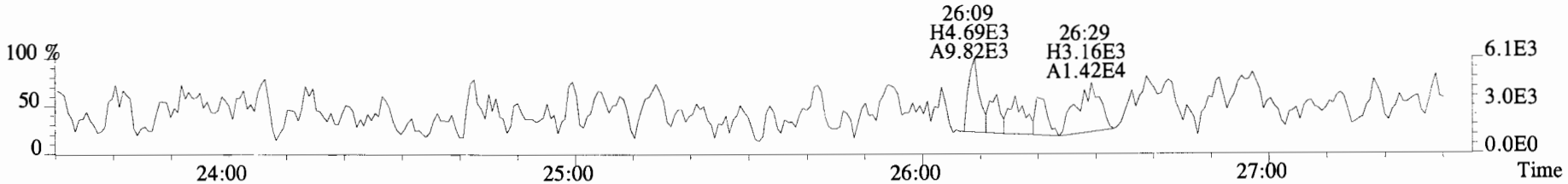
236.0376 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2256.0,0.00%,F,F)



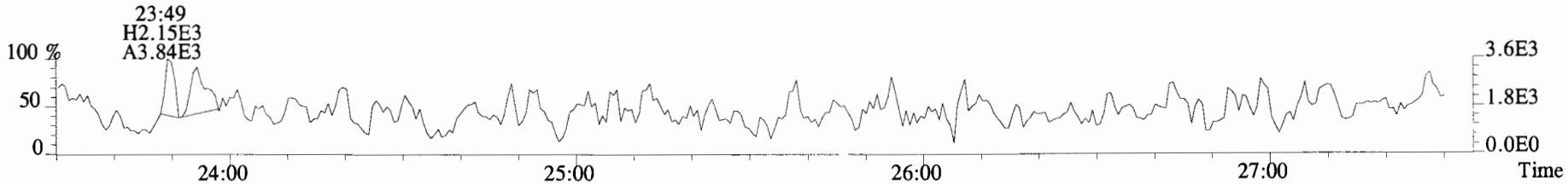
230.9856 S:12 F:2



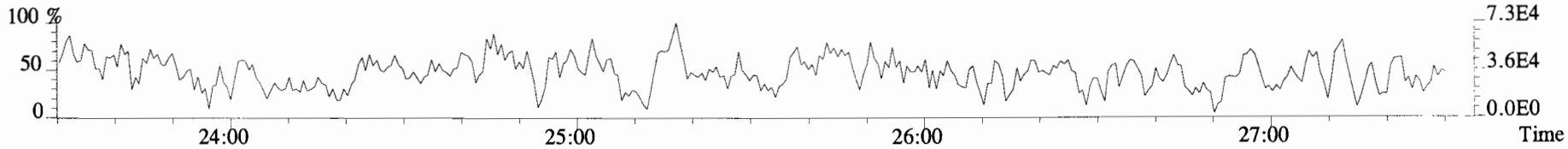
File:180302E1 #1-757 Acq: 2-MAR-2018 21:56:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3608.0,0.00%,F,F)



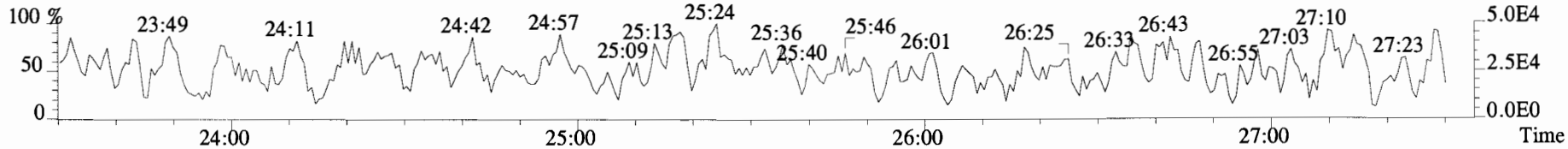
257.9584 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2112.0,0.00%,F,F)



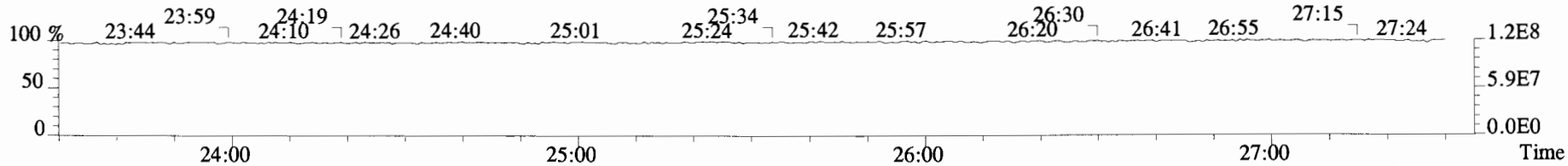
268.0016 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,45372.0,0.00%,F,F)



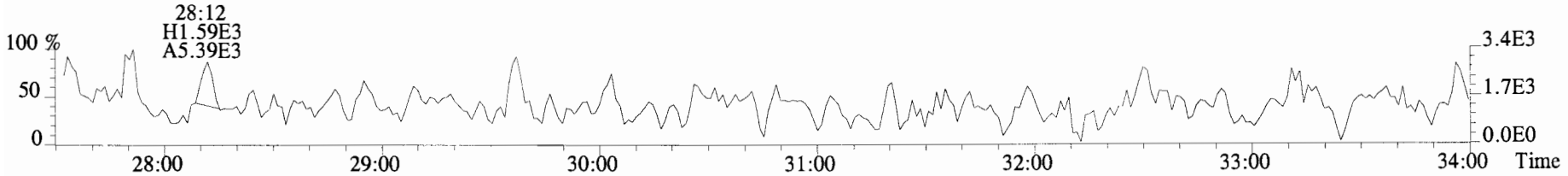
269.9986 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,34580.0,0.00%,F,F)



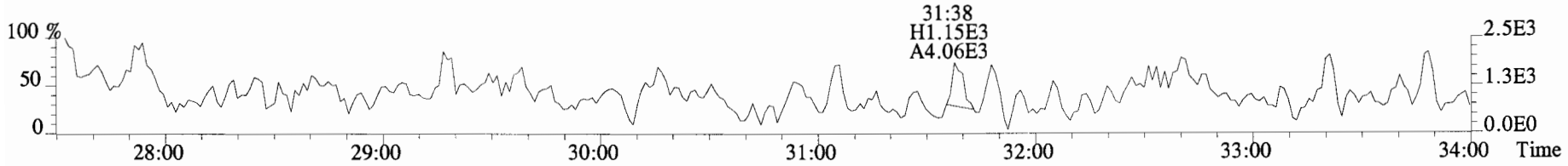
230.9856 S:12 F:2



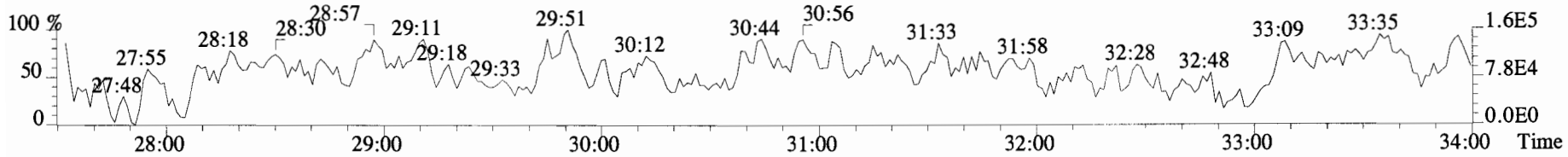
File:180302E1 #1-756 Acq: 2-MAR-2018 21:56:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1812.0,0.00%,F,F)



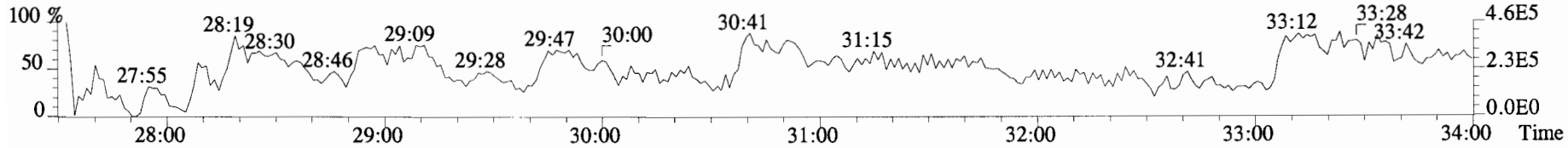
257.9584 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1388.0,0.00%,F,F)



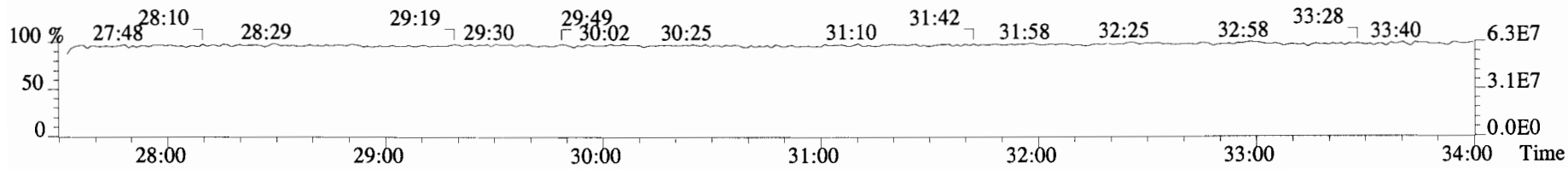
268.0016 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,113104.0,0.00%,F,F)



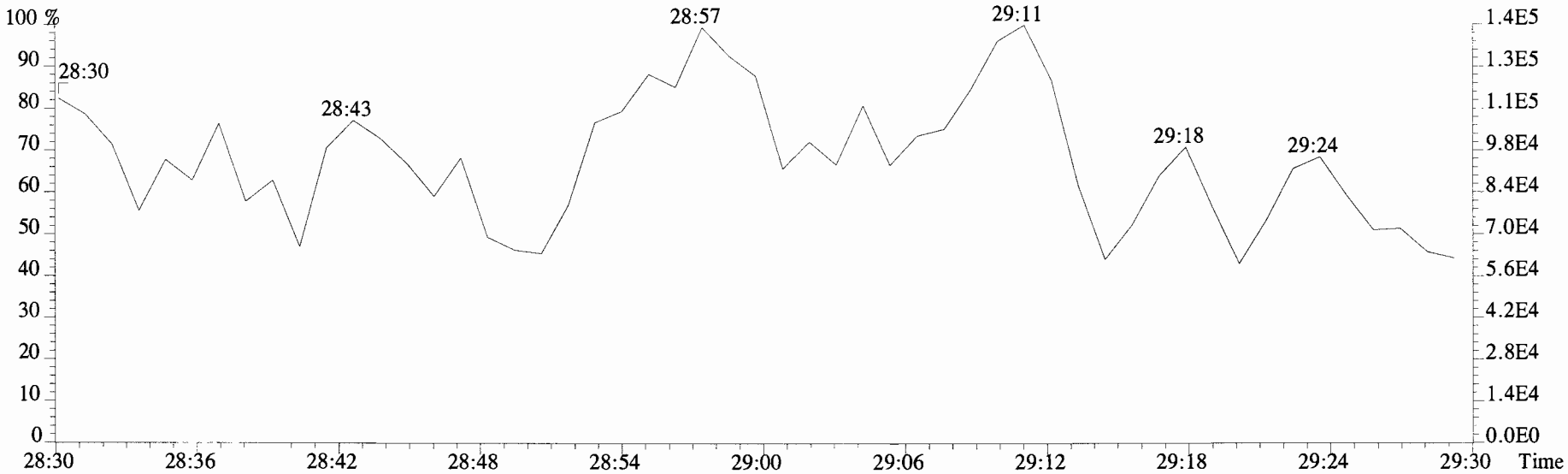
269.9986 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,295020.0,0.00%,F,F)



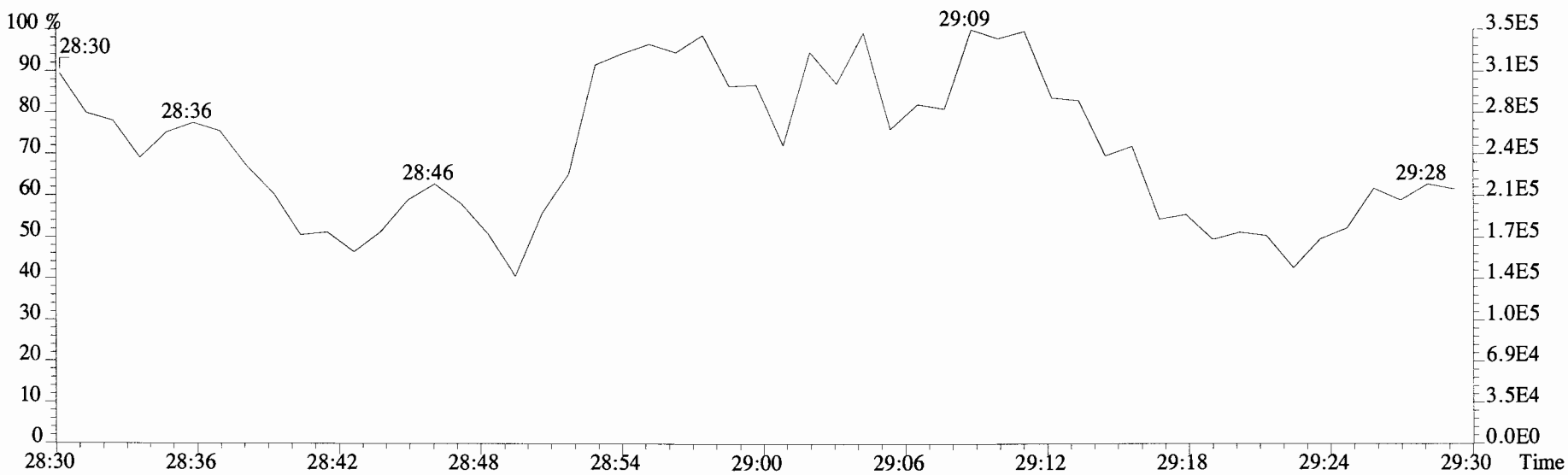
330.9792 S:12 F:3



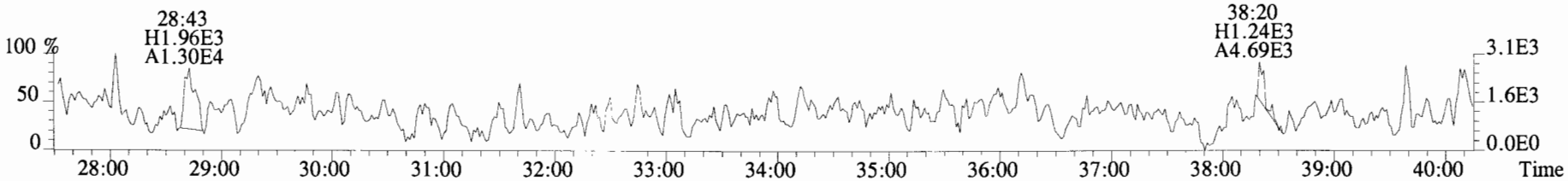
File:180302E1 #1-756 Acq: 2-MAR-2018 21:56:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
268.0016 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,113104.0,0.00%,F,F)



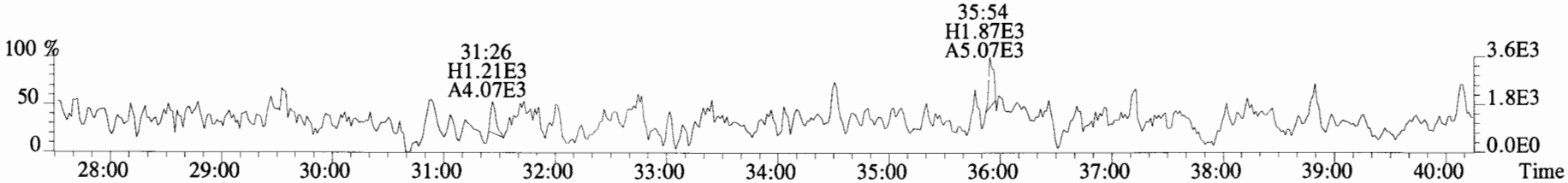
269.9986 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,295020.0,0.00%,F,F)



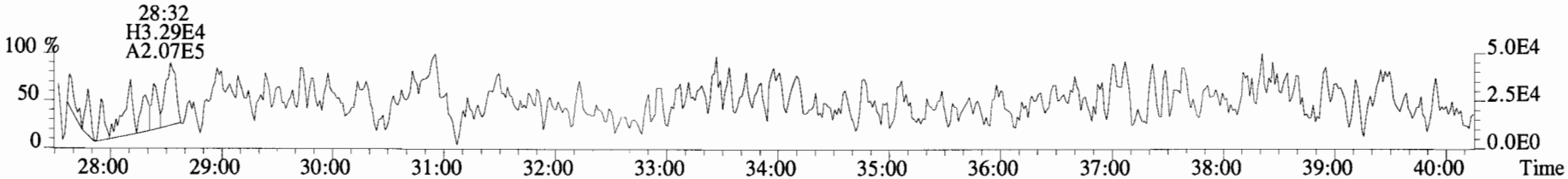
File:180302E1 #1-756 Acq: 2-MAR-2018 21:56:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1588.0,0.00%,F,F)



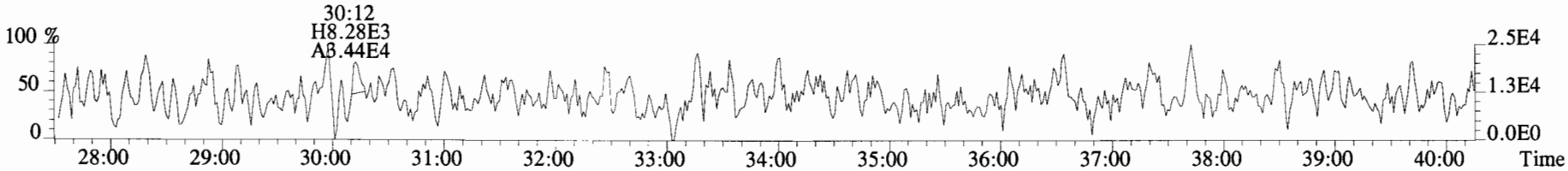
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1588.0,0.00%,F,F)



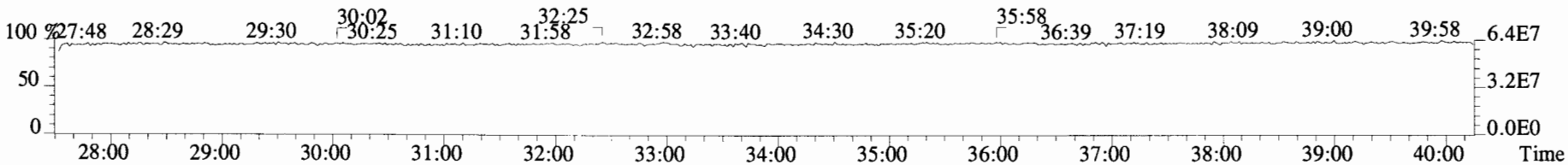
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,31916.0,0.00%,F,F)



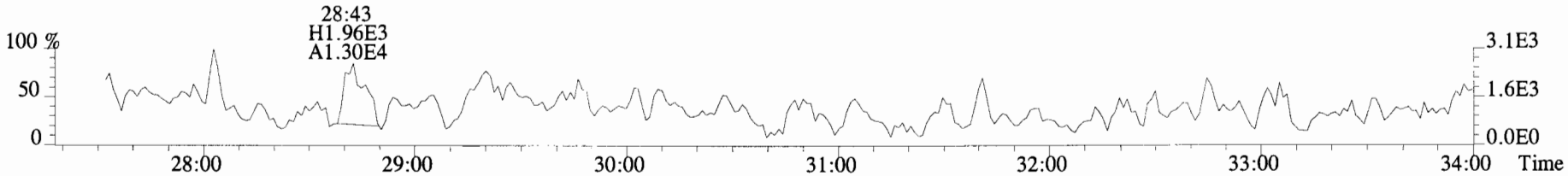
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14956.0,0.00%,F,F)



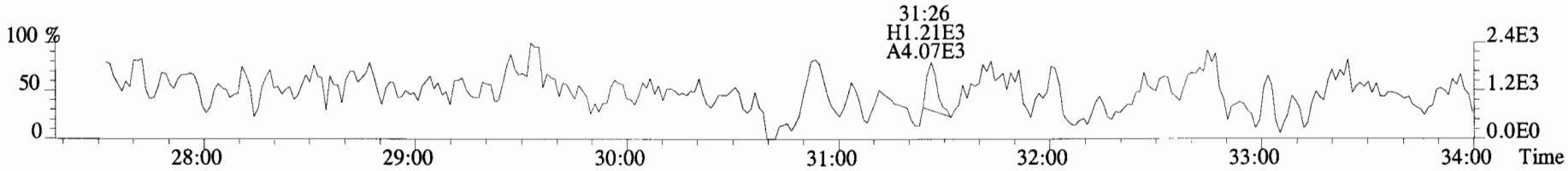
330.9792 S:12 F:3



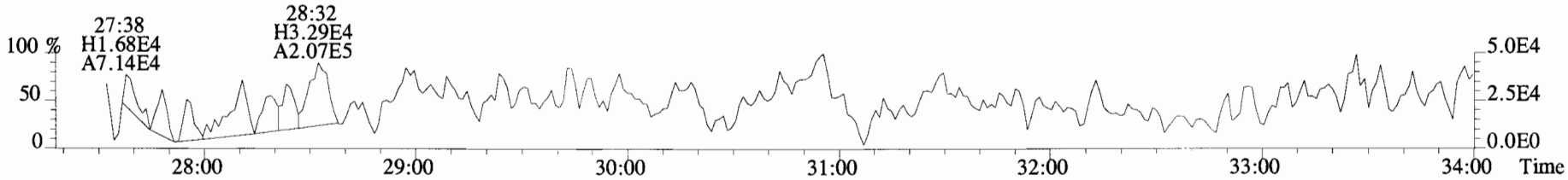
File:180302E1 #1-756 Acq: 2-MAR-2018 21:56:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1588.0,0.00%,F,F)



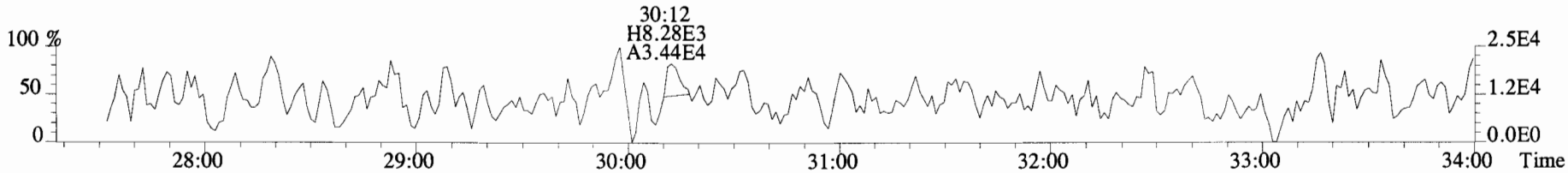
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1588.0,0.00%,F,F)



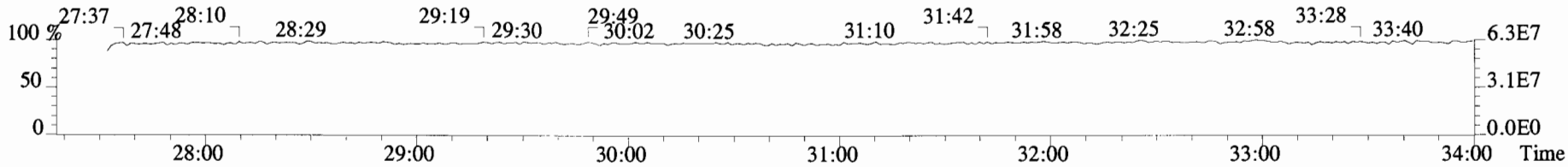
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,31916.0,0.00%,F,F)



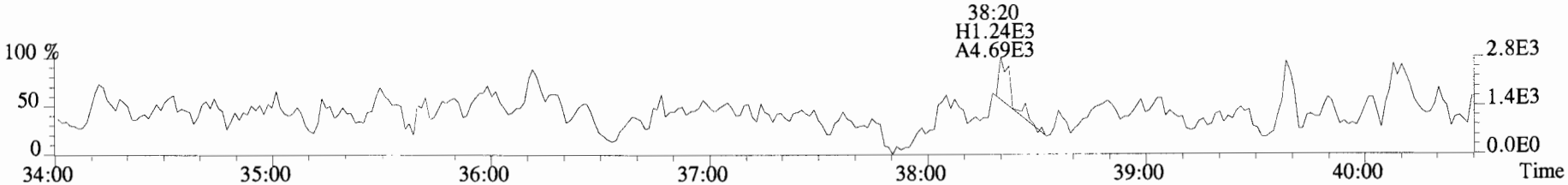
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14956.0,0.00%,F,F)



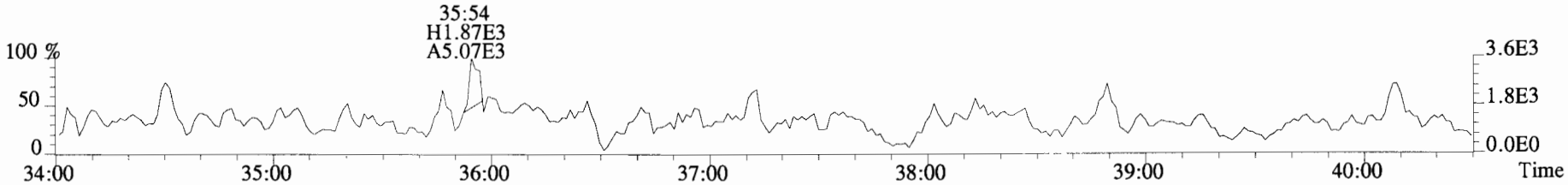
330.9792 S:12 F:3



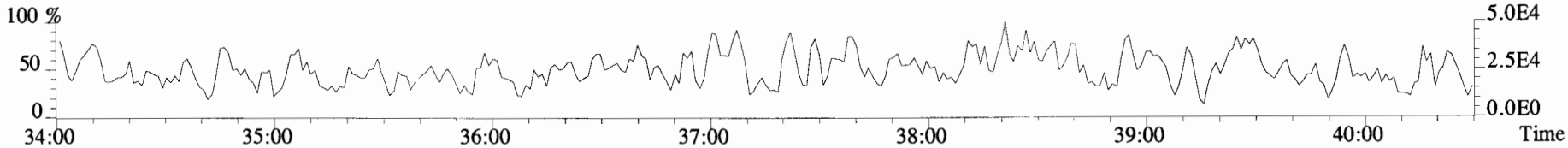
File:180302E1 #1-756 Acq: 2-MAR-2018 21:56:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1588.0,0.00%,F,F)



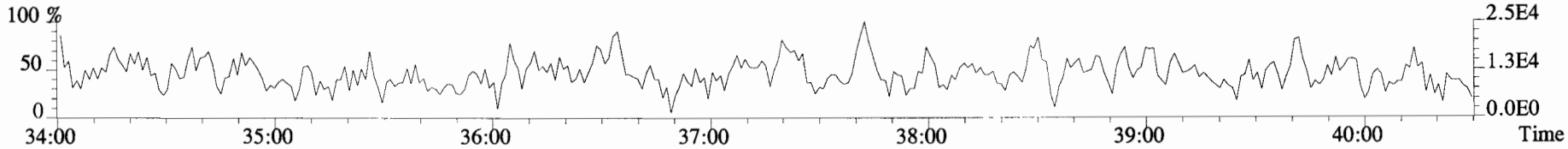
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1588.0,0.00%,F,F)



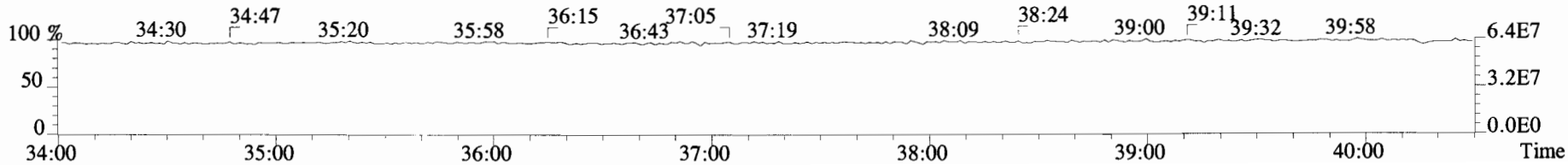
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,31916.0,0.00%,F,F)



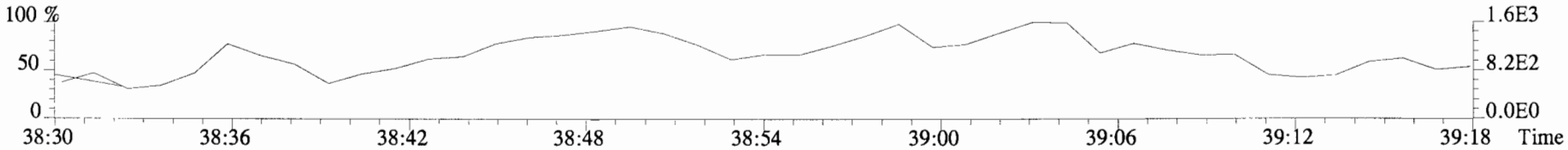
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14956.0,0.00%,F,F)



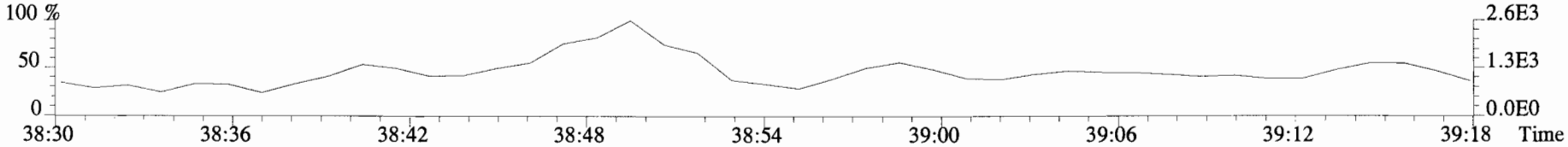
330.9792 S:12 F:3



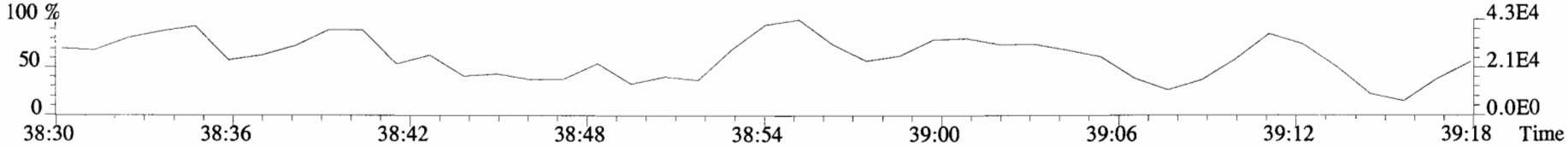
File:180302E1 #1-756 Acq: 2-MAR-2018 21:56:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1588.0,0.00%,F,F)



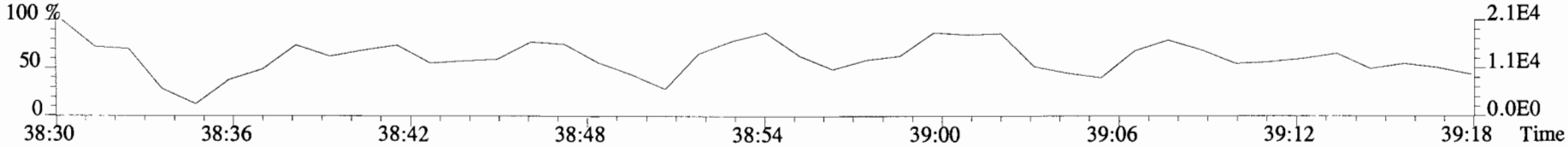
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1588.0,0.00%,F,F)



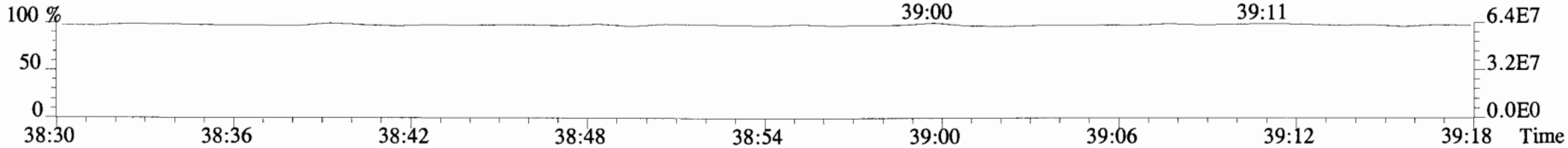
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,31916.0,0.00%,F,F)



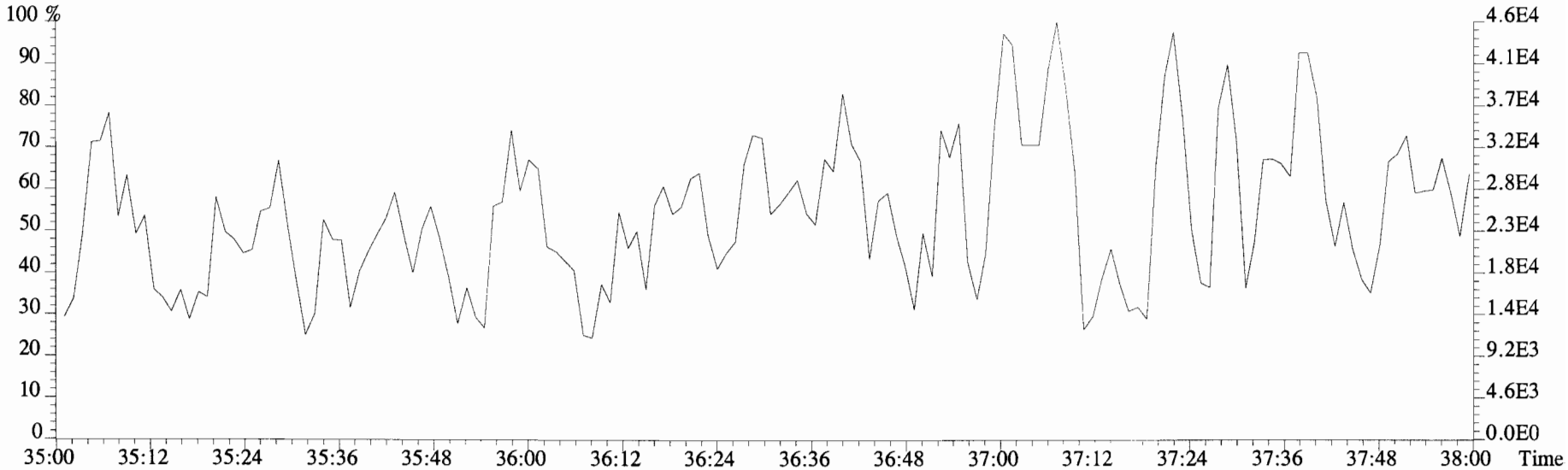
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14956.0,0.00%,F,F)



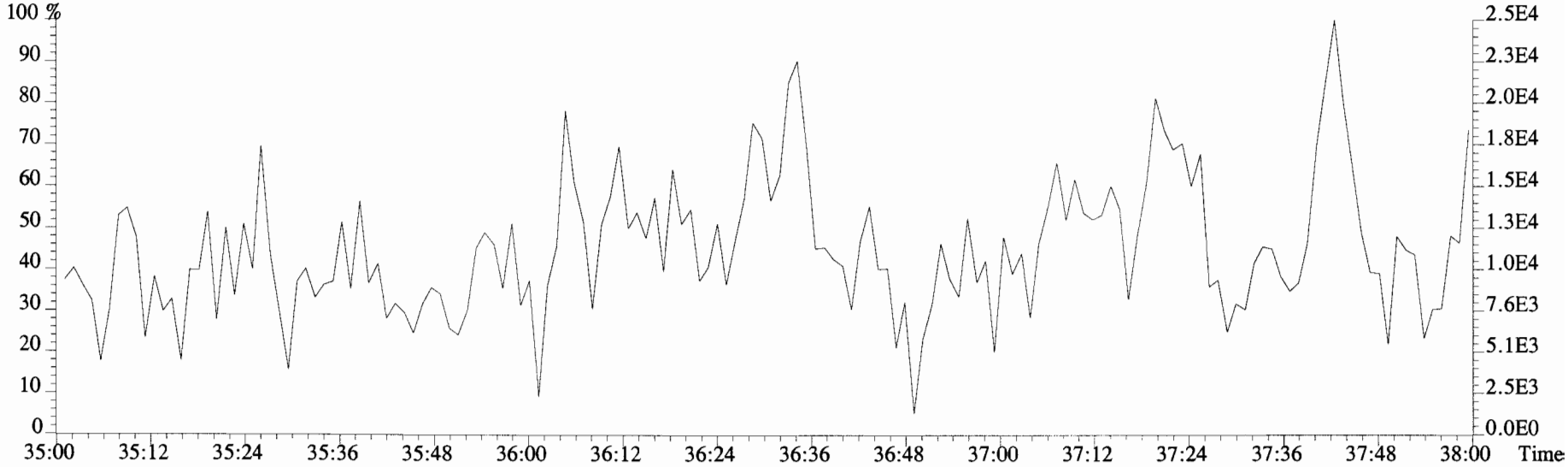
330.9792 S:12 F:3



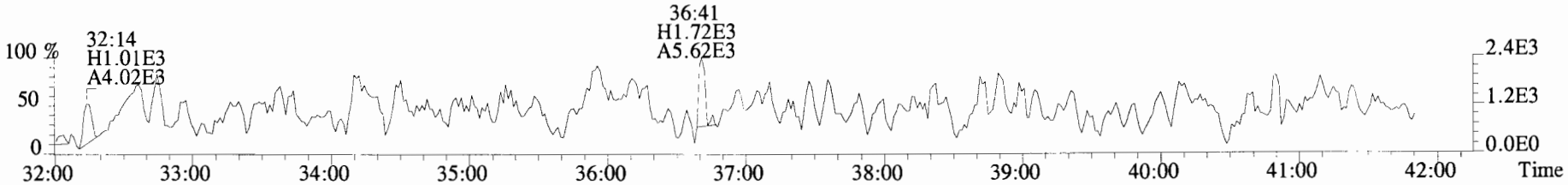
File:180302E1 #1-756 Acq: 2-MAR-2018 21:56:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,31916.0,0.00%,F,F)



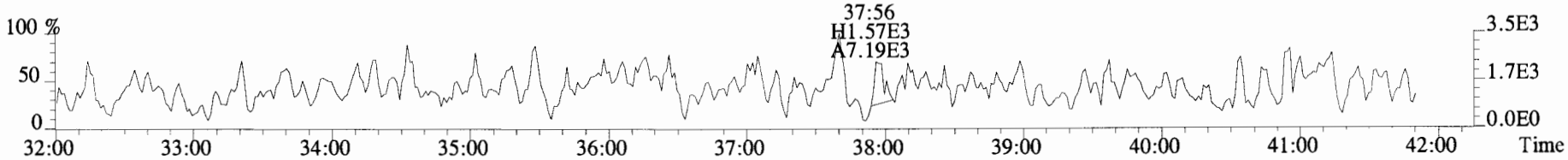
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14956.0,0.00%,F,F)



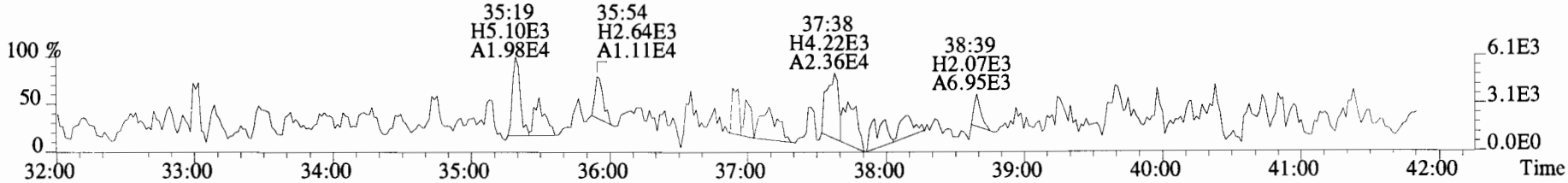
File:180302E1 #1-756 Acq: 2-MAR-2018 21:56:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1472.0,0.00%,F,F)



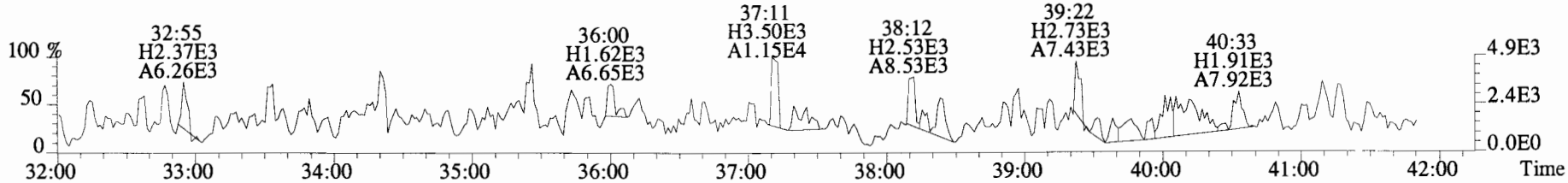
327.8775 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1972.0,0.00%,F,F)



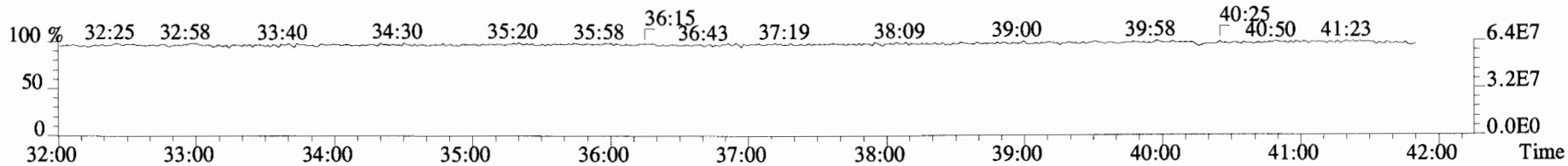
337.9207 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2520.0,0.00%,F,F)



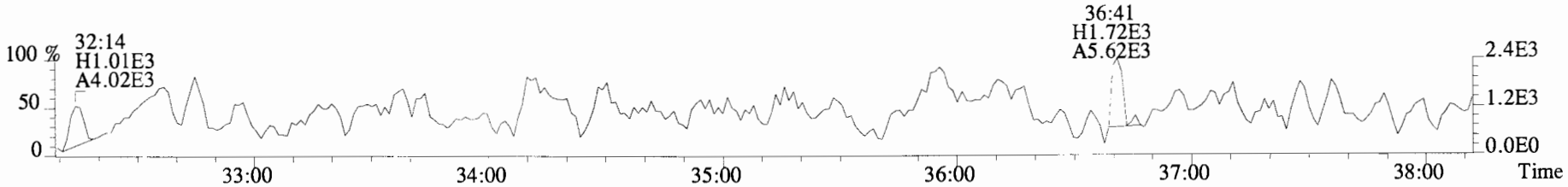
339.9177 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2116.0,0.00%,F,F)



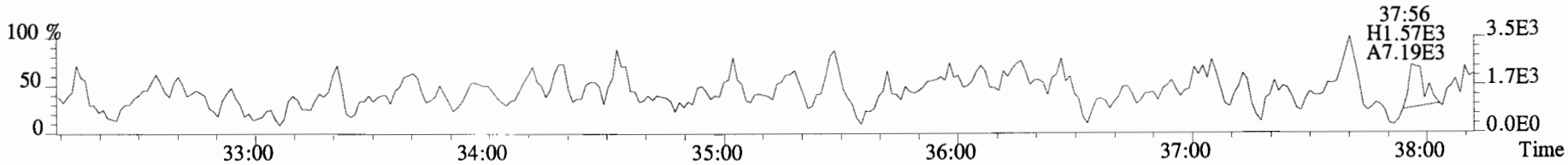
330.9792 S:12 F:3



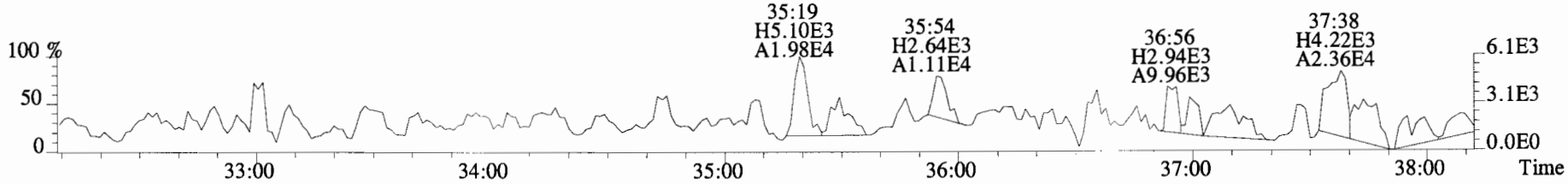
File:180302E1 #1-756 Acq: 2-MAR-2018 21:56:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1472.0,0.00%,F,F)



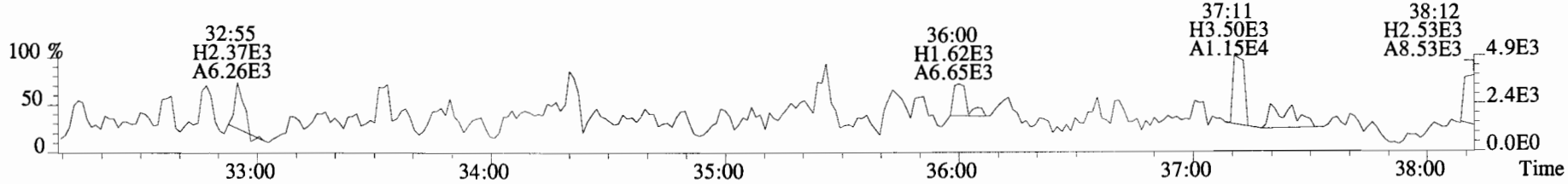
327.8775 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1972.0,0.00%,F,F)



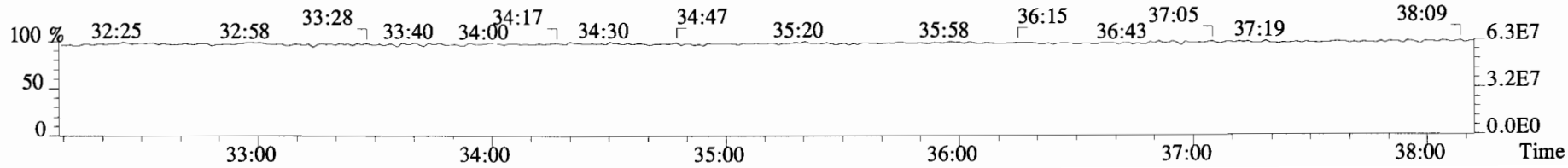
337.9207 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2520.0,0.00%,F,F)



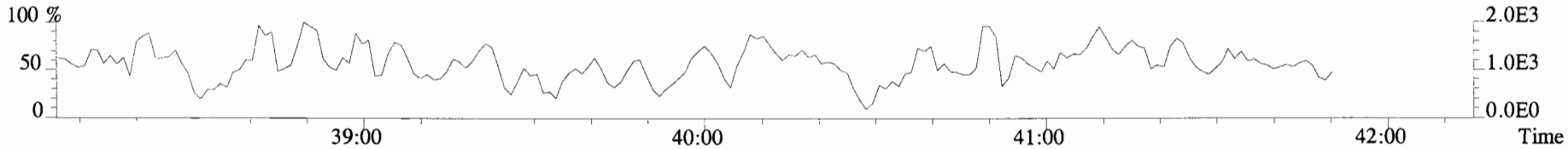
339.9177 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2116.0,0.00%,F,F)



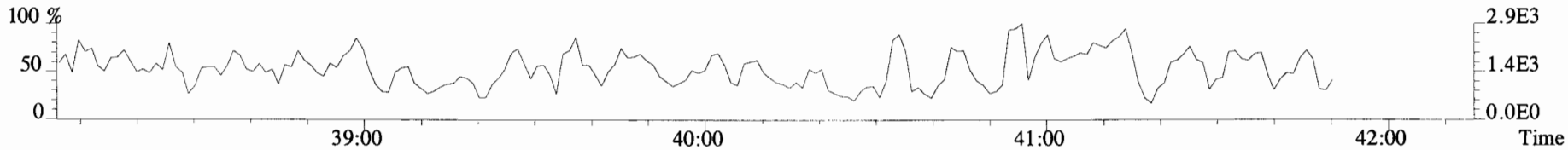
330.9792 S:12 F:3



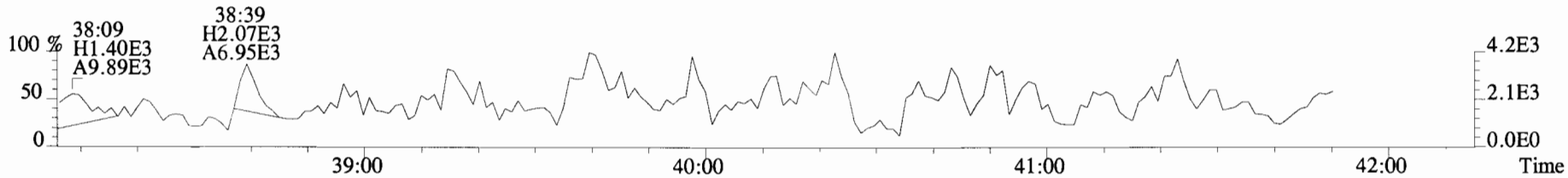
File:180302E1 #1-756 Acq: 2-MAR-2018 21:56:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1472.0,0.00%,F,F)



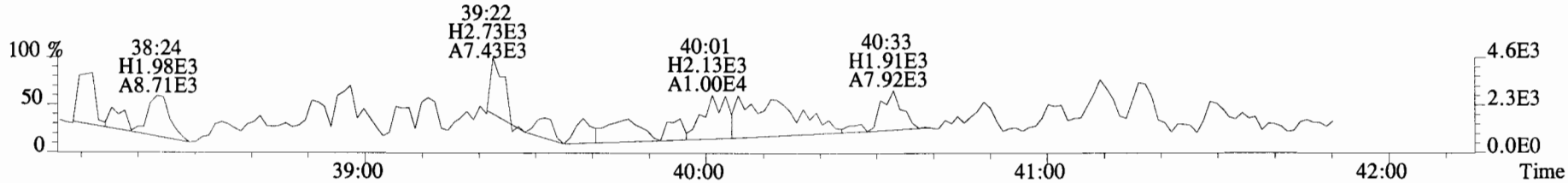
327.8775 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1972.0,0.00%,F,F)



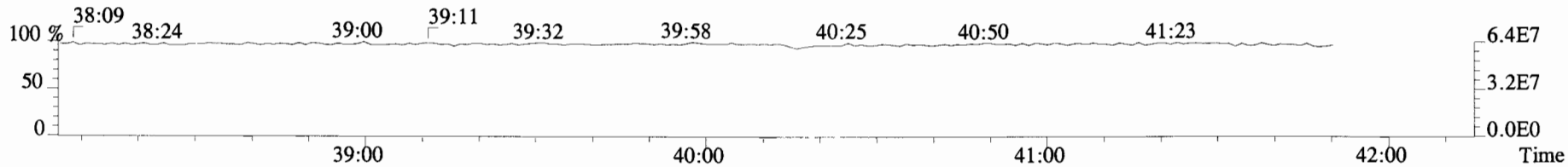
337.9207 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2520.0,0.00%,F,F)



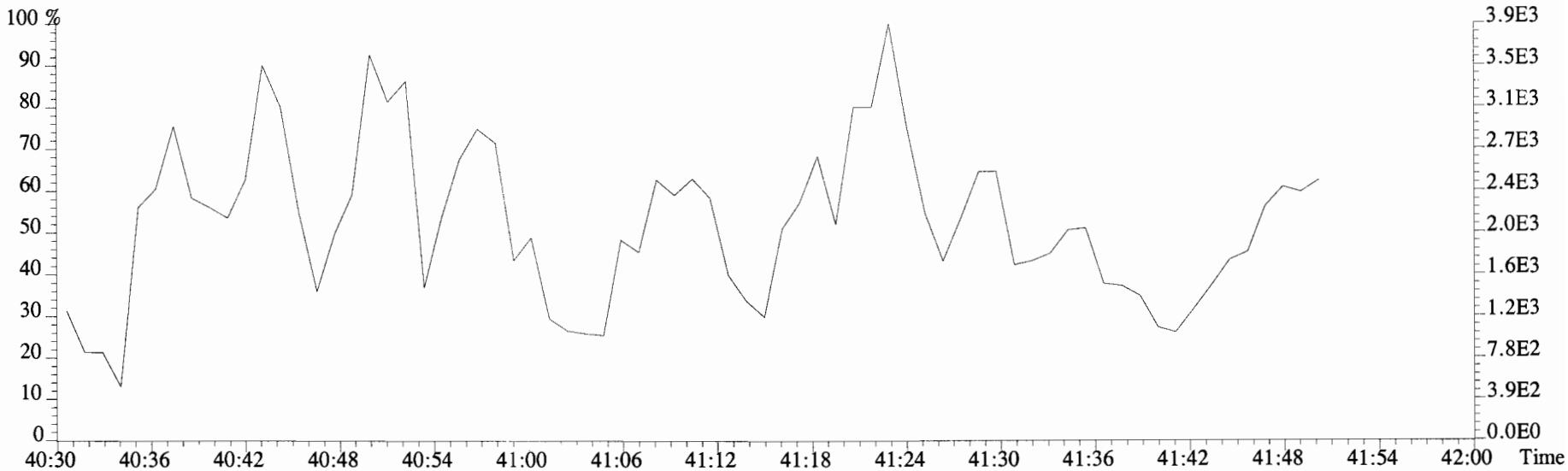
339.9177 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2116.0,0.00%,F,F)



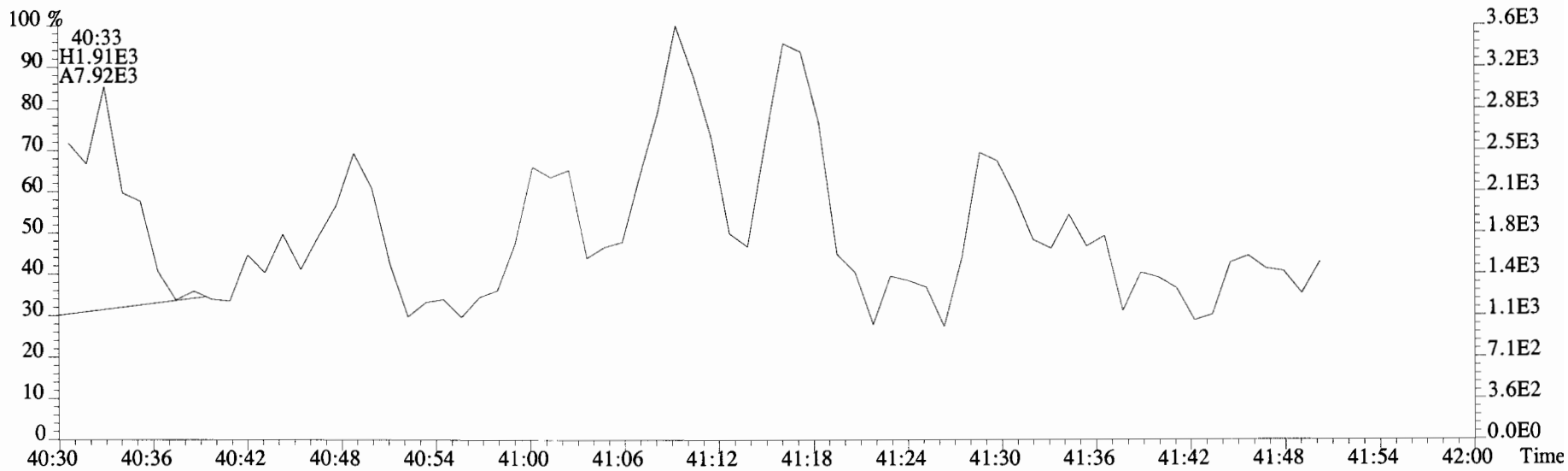
330.9792 S:12 F:3



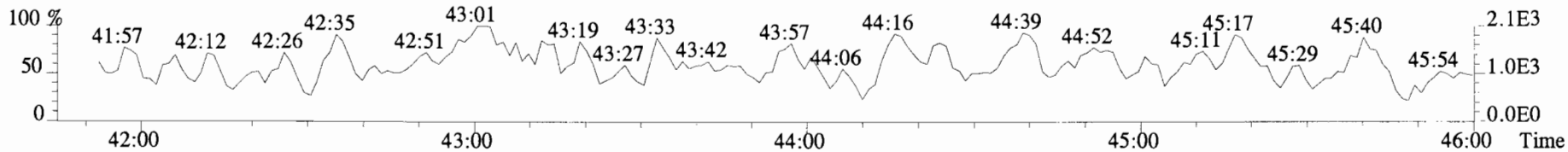
File:180302E1 #1-756 Acq: 2-MAR-2018 21:56:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
337.9207 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2520.0,0.00%,F,F)



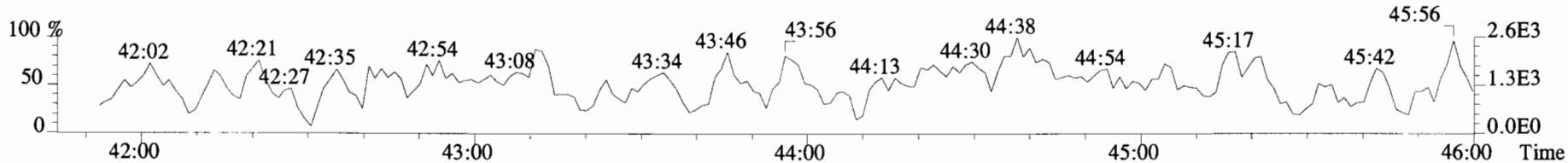
339.9177 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2116.0,0.00%,F,F)



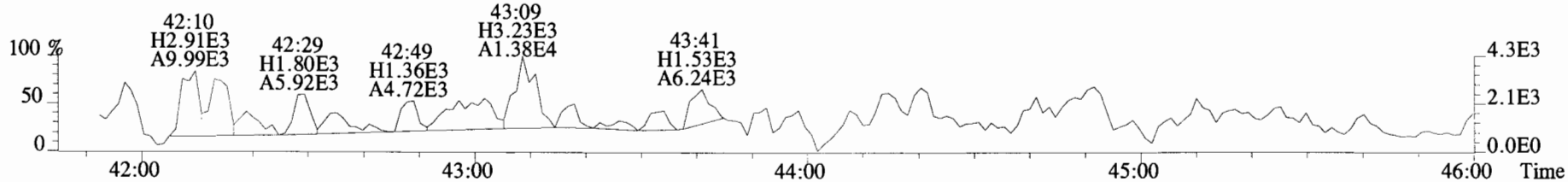
File:180302E1 #1-575 Acq: 2-MAR-2018 21:56:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1696.0,0.00%,F,F)



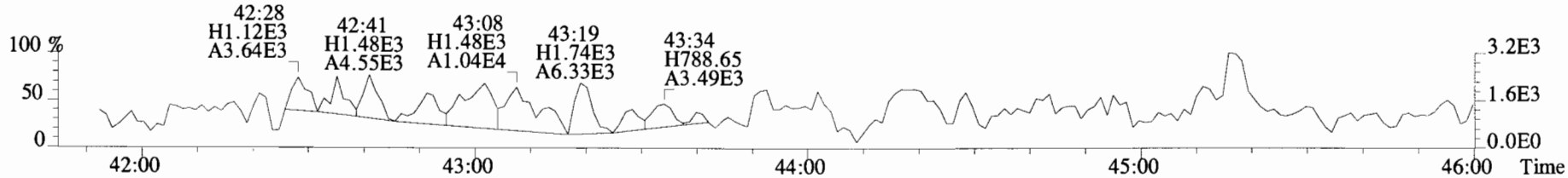
327.8775 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1816.0,0.00%,F,F)



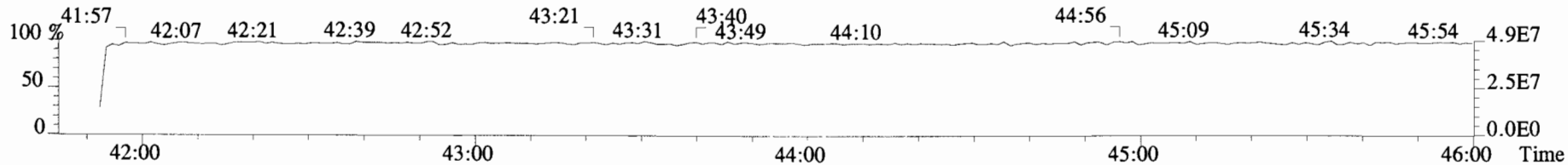
337.9207 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1980.0,0.00%,F,F)



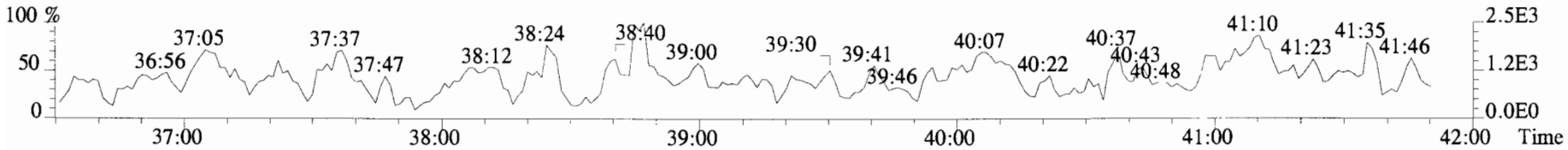
339.9177 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1760.0,0.00%,F,F)



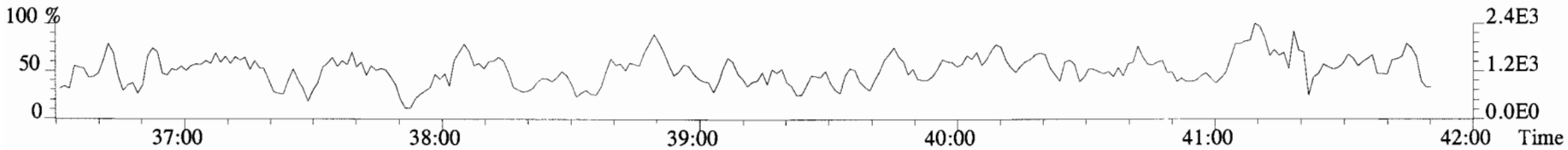
380.9760 S:12 F:4



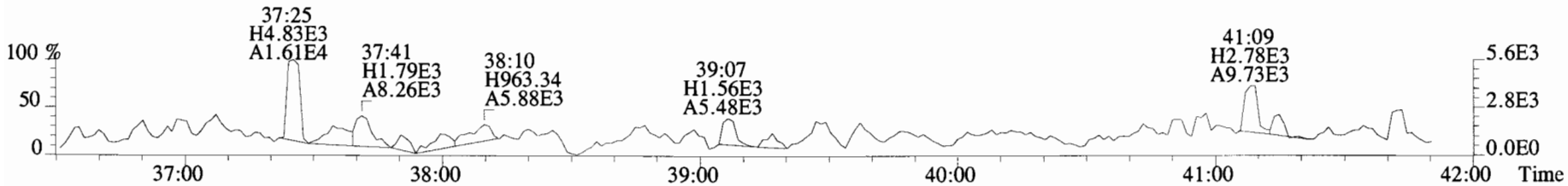
File:180302E1 #1-756 Acq: 2-MAR-2018 21:56:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1396.0,0.00%,F,F)



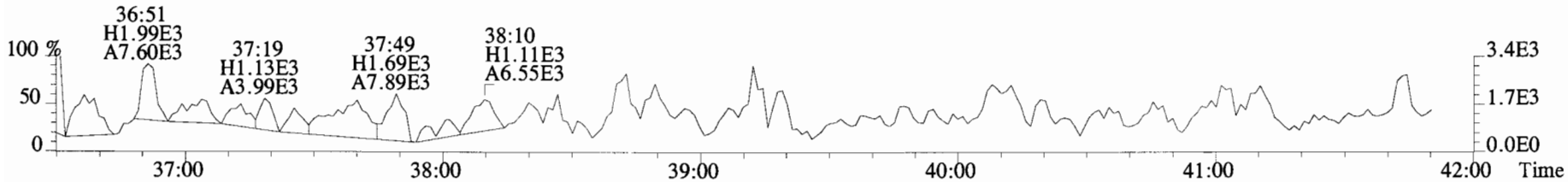
361.8385 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1640.0,0.00%,F,F)



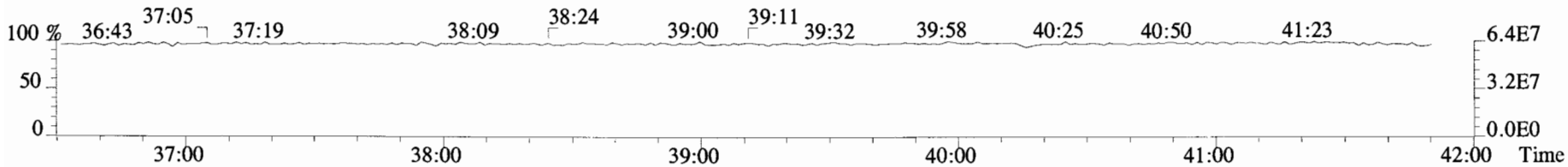
371.8817 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1536.0,0.00%,F,F)



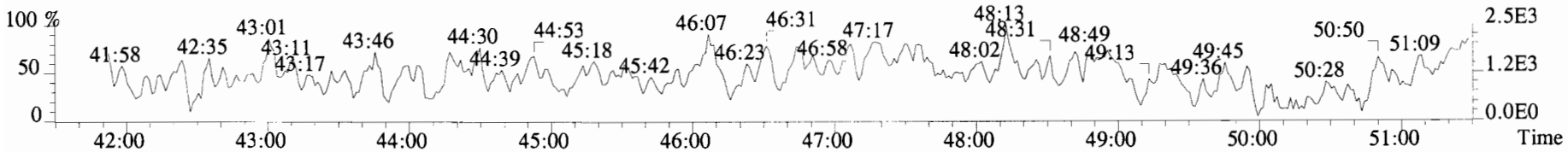
373.8788 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1764.0,0.00%,F,F)



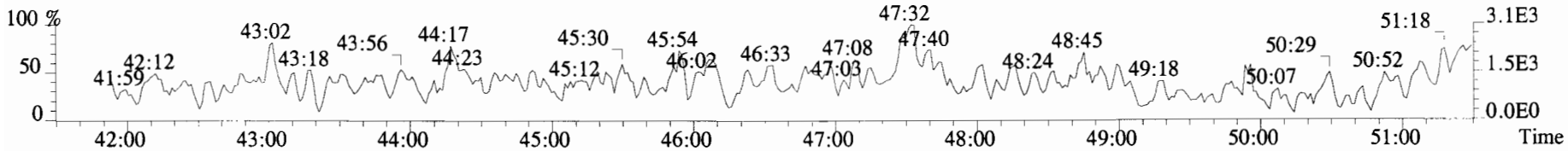
330.9792 S:12 F:3



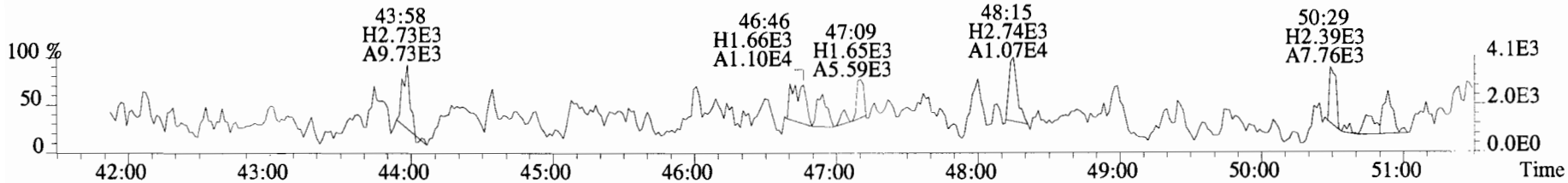
File:180302E1 #1-575 Acq: 2-MAR-2018 21:56:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1604.0,0.00%,F,F)



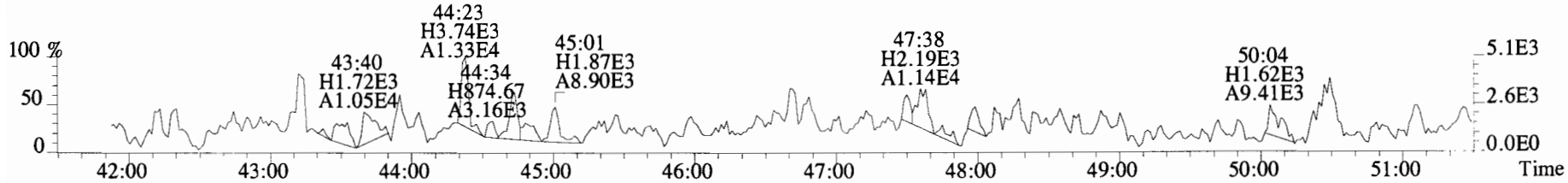
361.8385 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1588.0,0.00%,F,F)



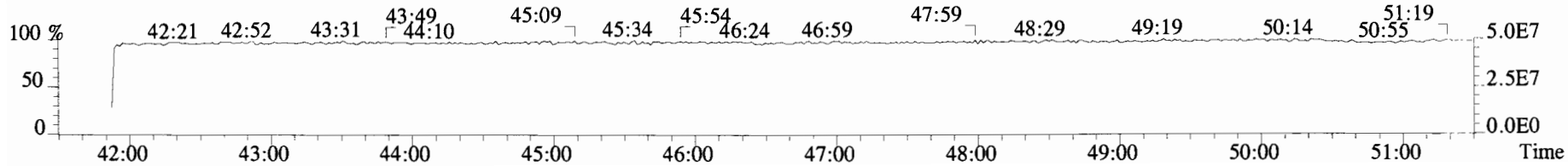
371.8817 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1896.0,0.00%,F,F)



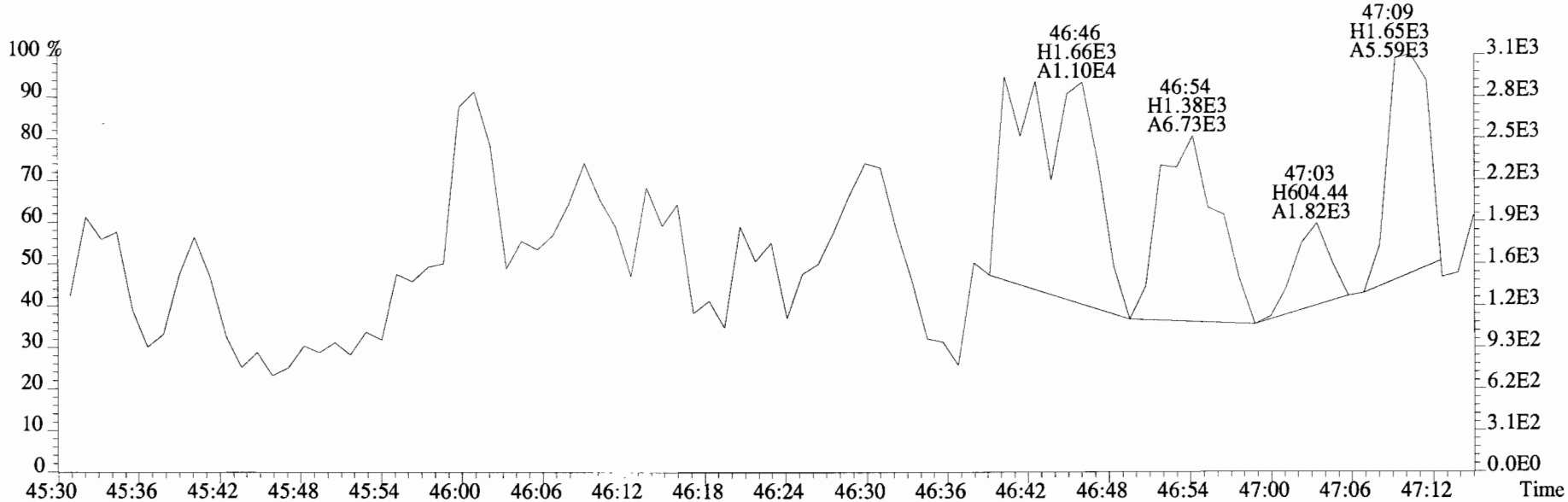
373.8788 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1616.0,0.00%,F,F)



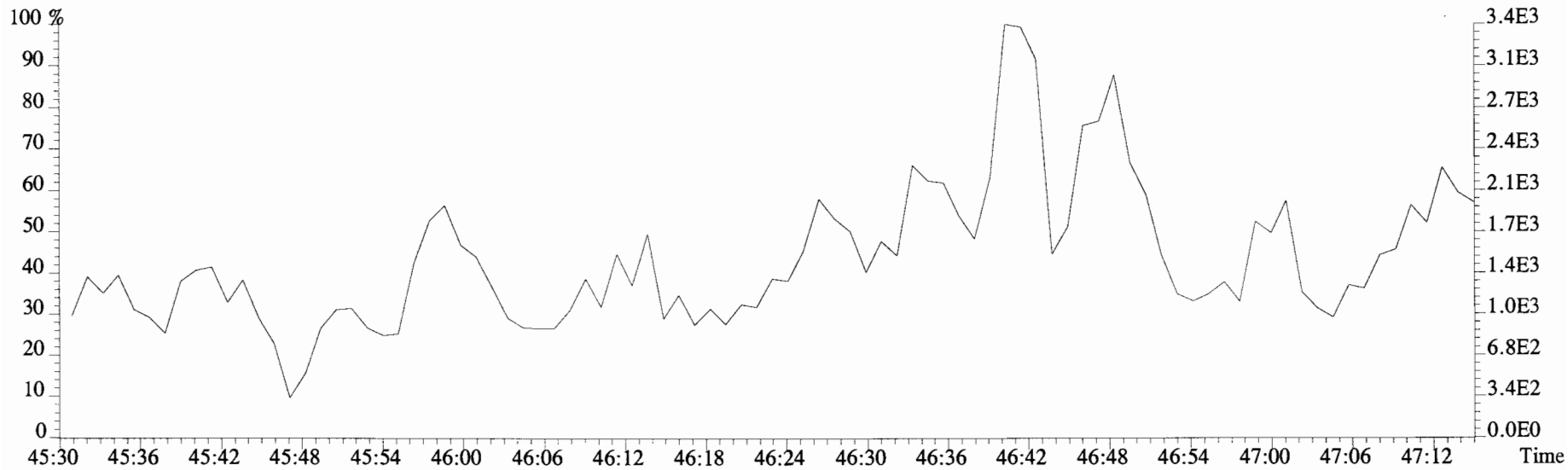
380.9760 S:12 F:4



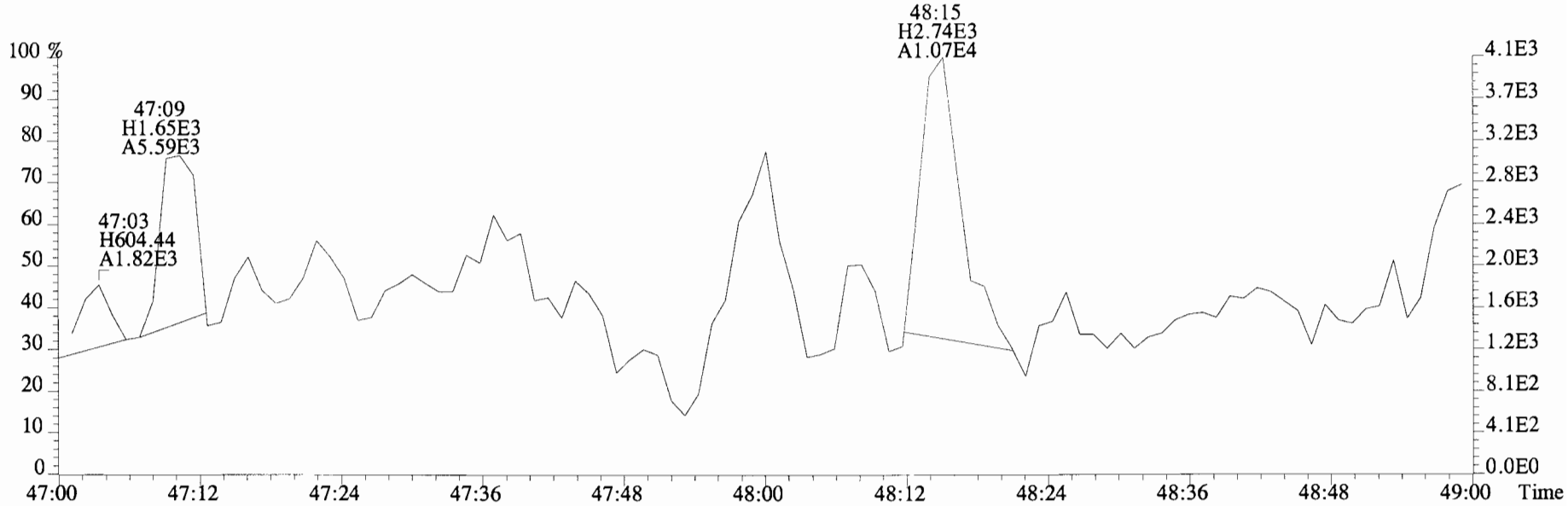
File:180302E1 #1-575 Acq: 2-MAR-2018 21:56:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1896.0,0.00%,F,F)



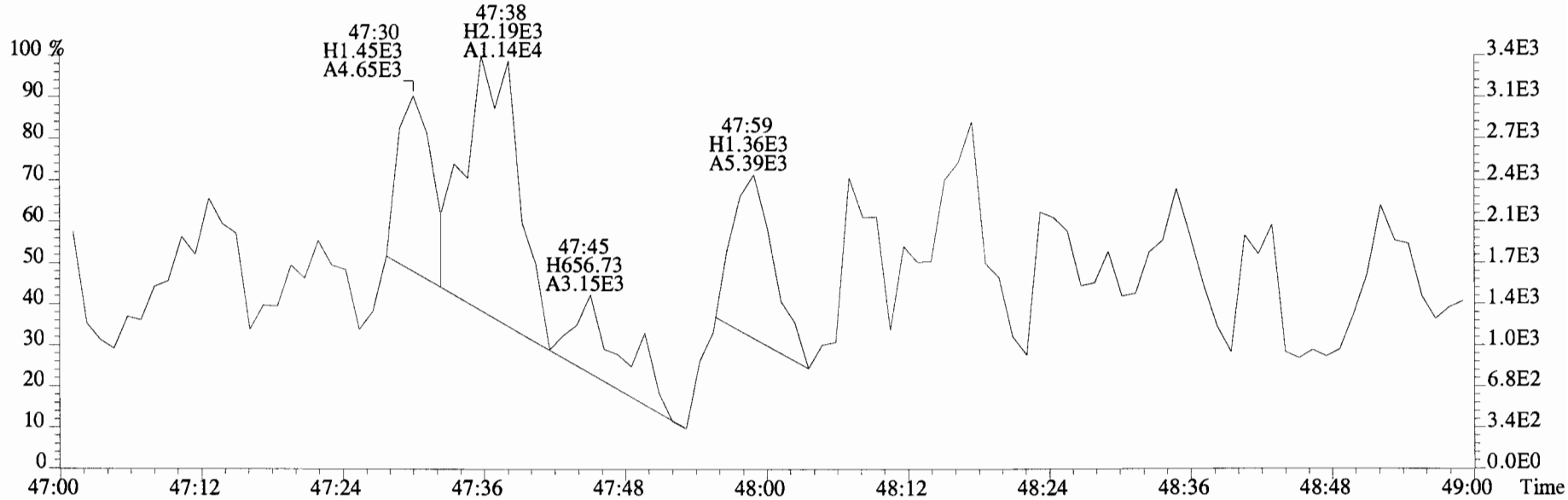
373.8788 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1616.0,0.00%,F,F)



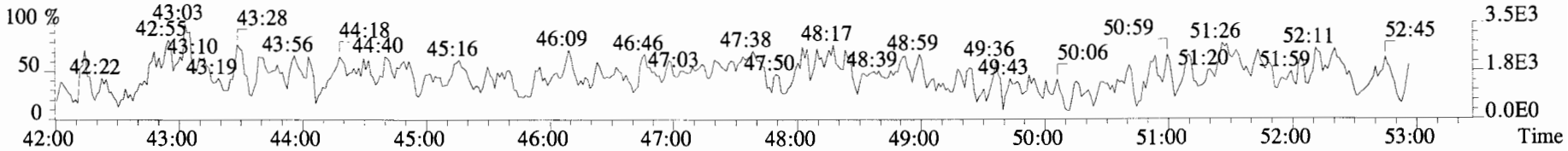
File:180302E1 #1-575 Acq: 2-MAR-2018 21:56:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1896.0,0.00%,F,F)



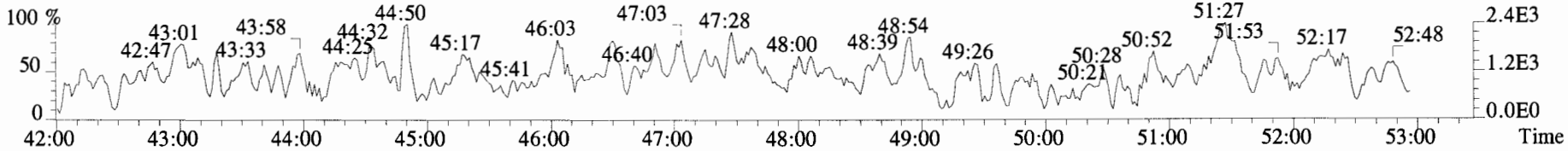
373.8788 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1616.0,0.00%,F,F)



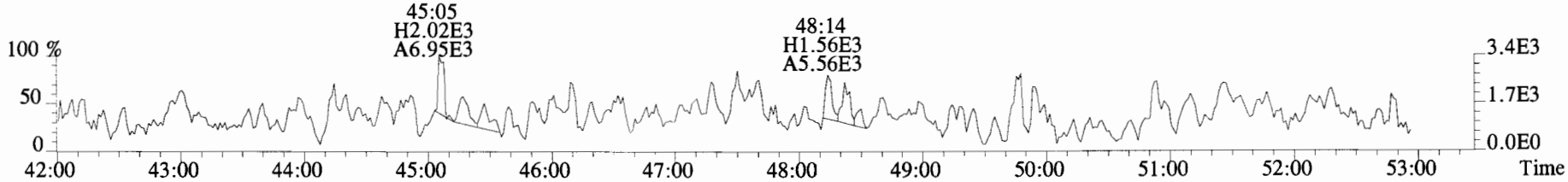
File:180302E1 #1-575 Acq: 2-MAR-2018 21:56:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
393.8025 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2116.0,0.00%,F,F)



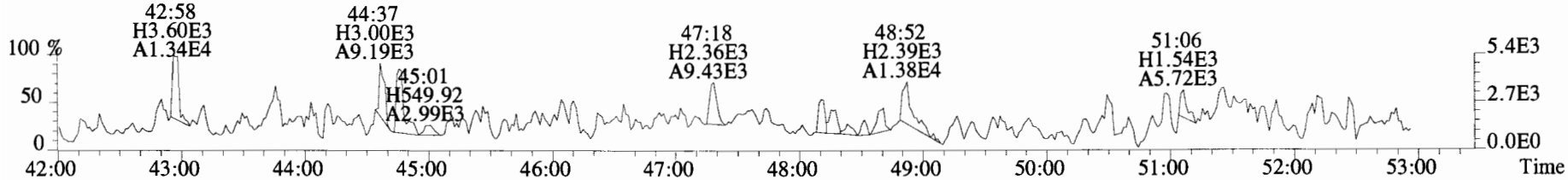
395.7995 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1440.0,0.00%,F,F)



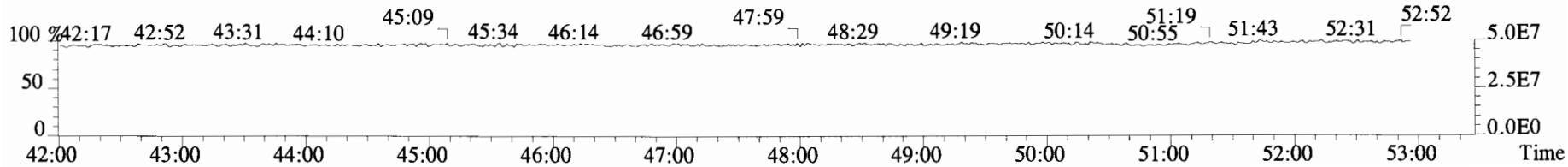
403.8457 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1644.0,0.00%,F,F)



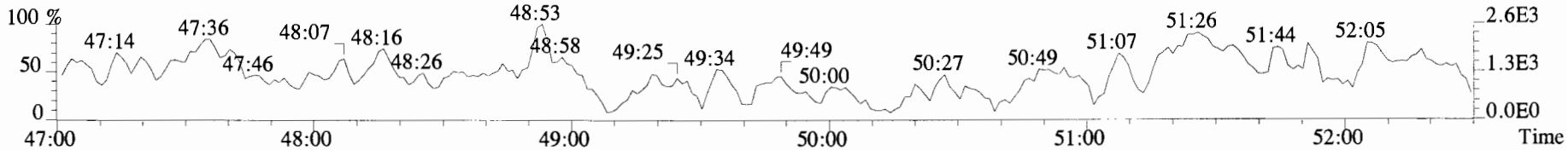
405.8428 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1916.0,0.00%,F,F)



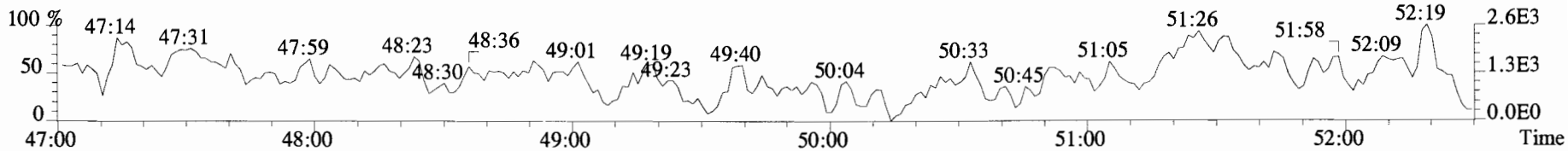
380.9760 S:12 F:4



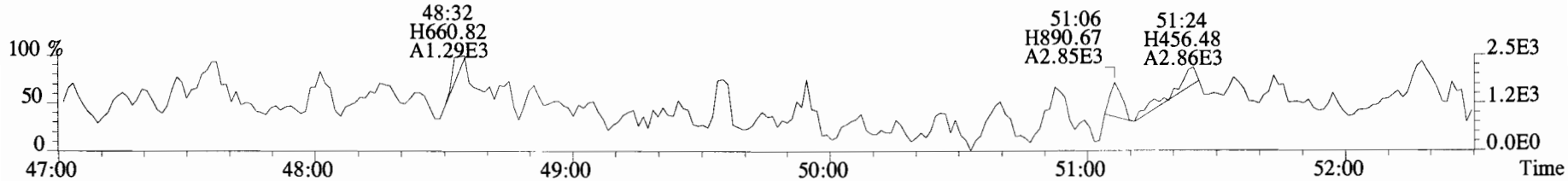
File:180302E1 #1-575 Acq: 2-MAR-2018 21:56:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1556.0,0.00%,F,F)



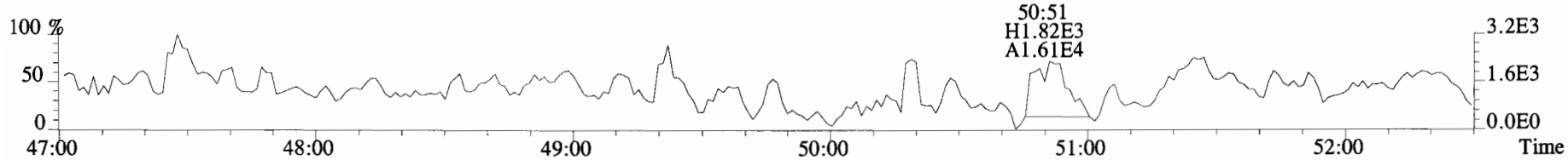
429.7606 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1524.0,0.00%,F,F)



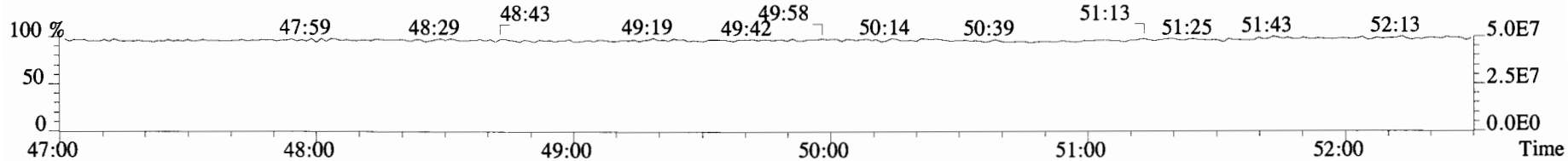
439.8038 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1496.0,0.00%,F,F)



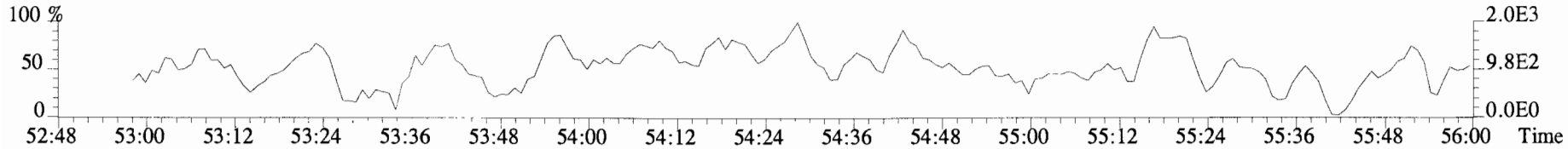
441.8008 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1720.0,0.00%,F,F)



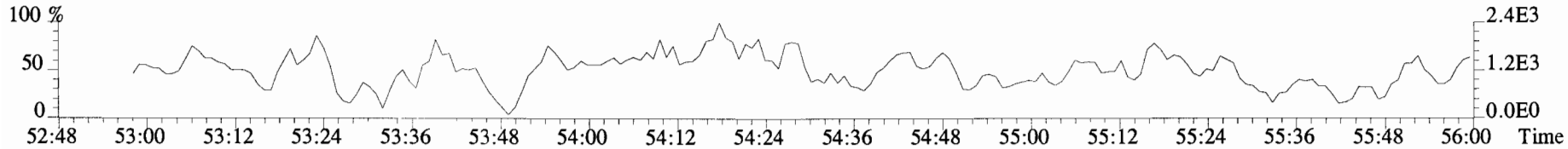
380.9760 S:12 F:4



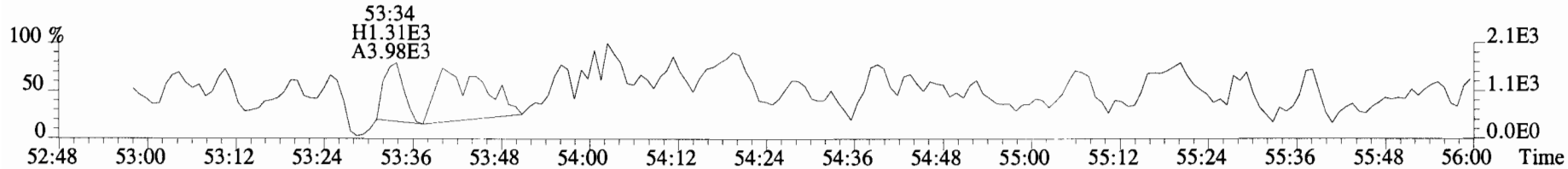
File:180302E1 #1-406 Acq: 2-MAR-2018 21:56:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1356.0,0.00%,F,F)



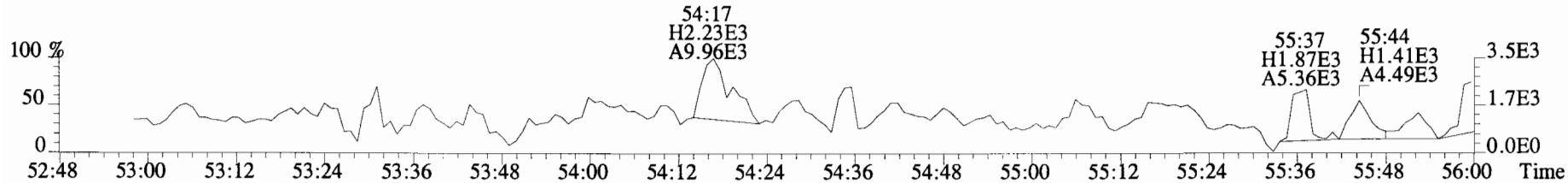
429.7606 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1640.0,0.00%,F,F)



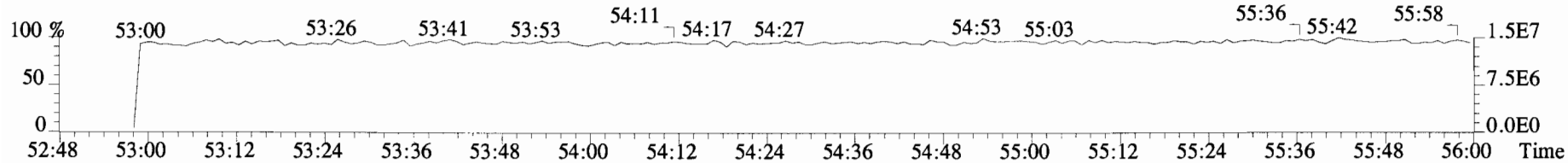
439.8038 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1420.0,0.00%,F,F)



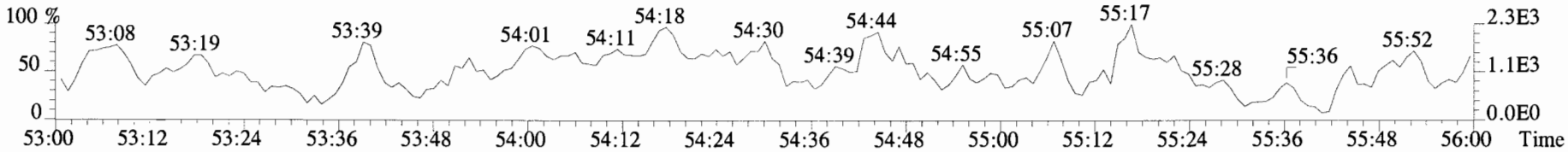
441.8008 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1708.0,0.00%,F,F)



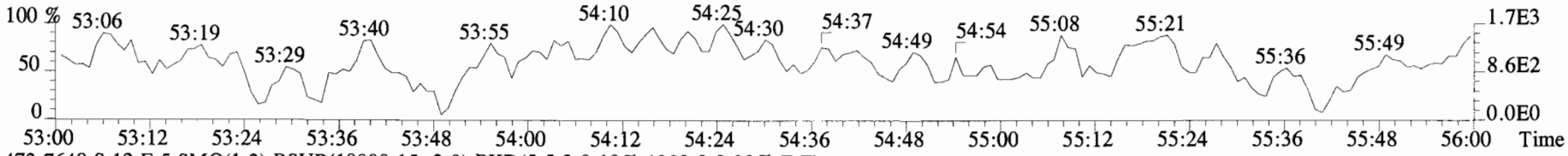
492.9697 S:12 F:5



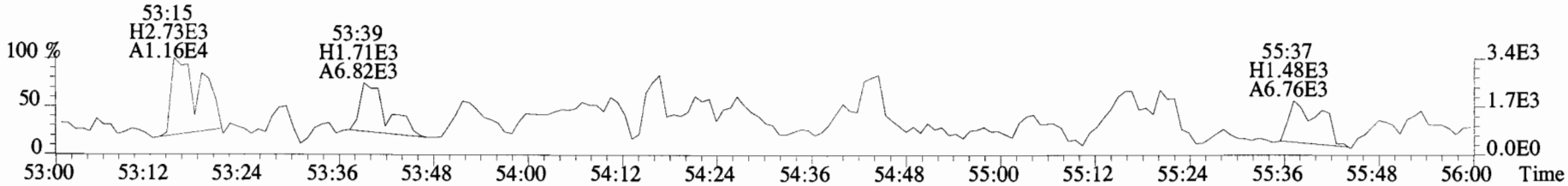
File:180302E1 #1-406 Acq: 2-MAR-2018 21:56:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
463.7216 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1576.0,0.00%,F,F)



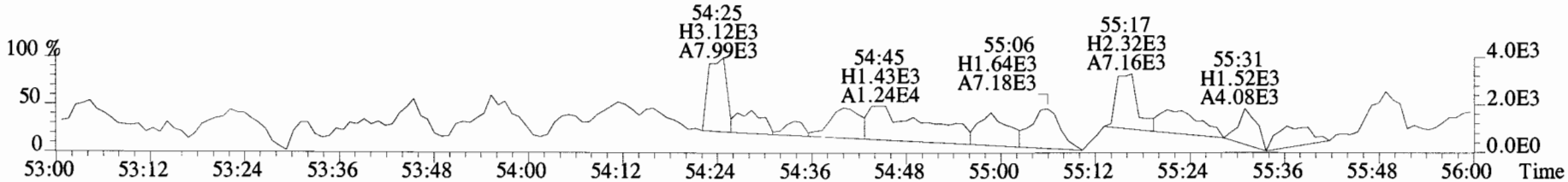
465.7186 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1384.0,0.00%,F,F)



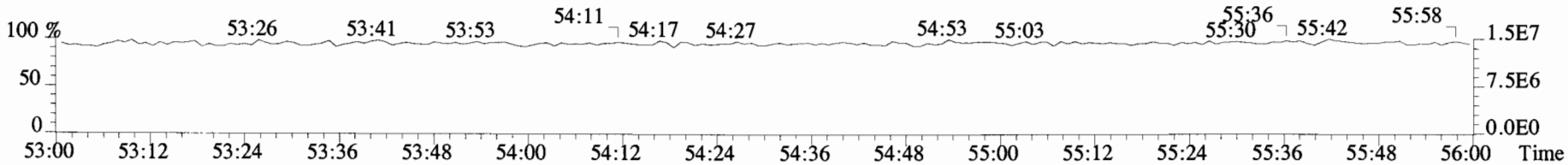
473.7648 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1392.0,0.00%,F,F)



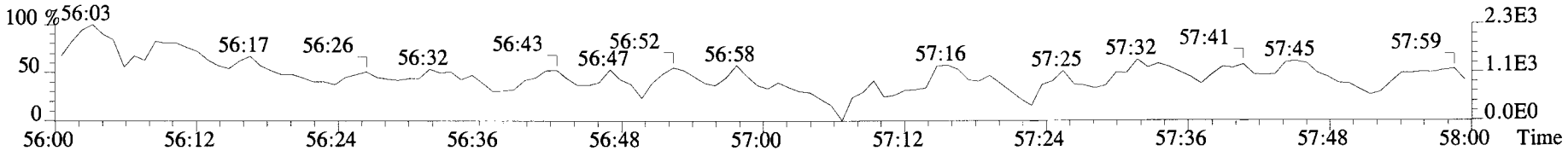
475.7619 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1704.0,0.00%,F,F)



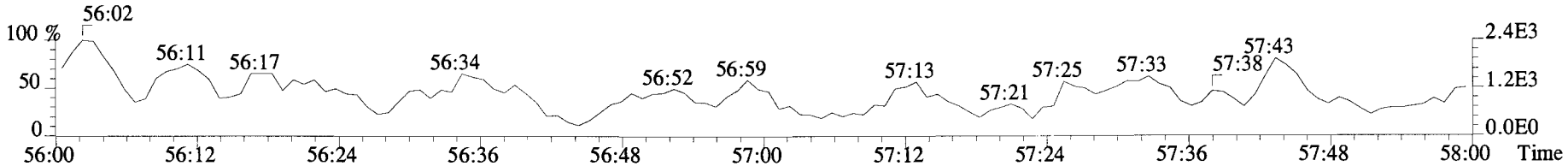
492.9697 S:12 F:5



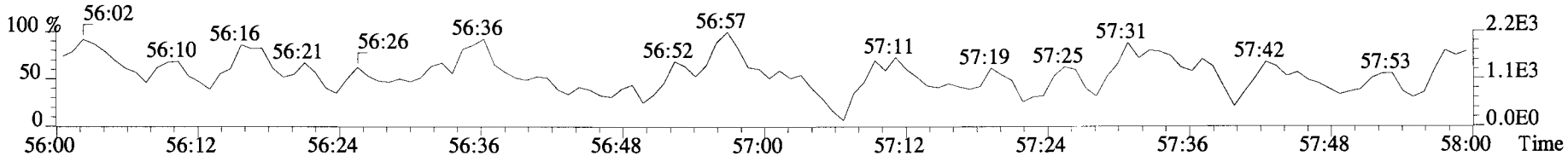
File:180302E1 #1-406 Acq: 2-MAR-2018 21:56:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
497.6826 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1364.0,0.00%,F,F)



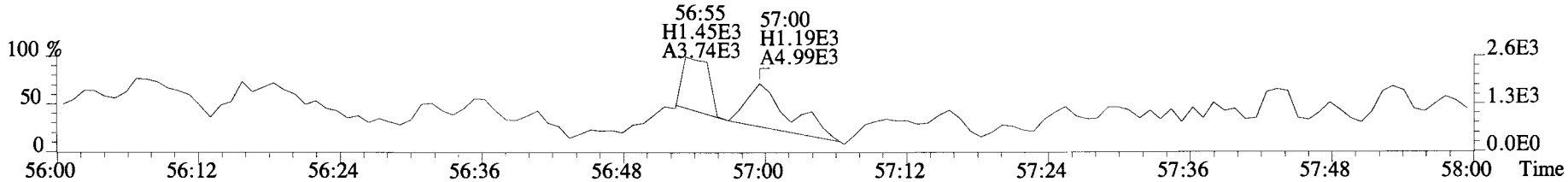
499.6797 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1360.0,0.00%,F,F)



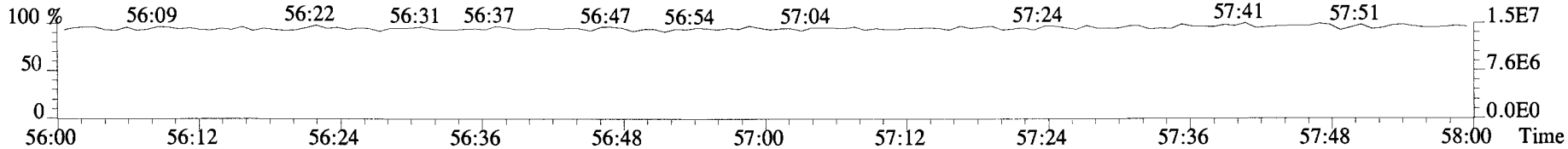
509.7229 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1548.0,0.00%,F,F)



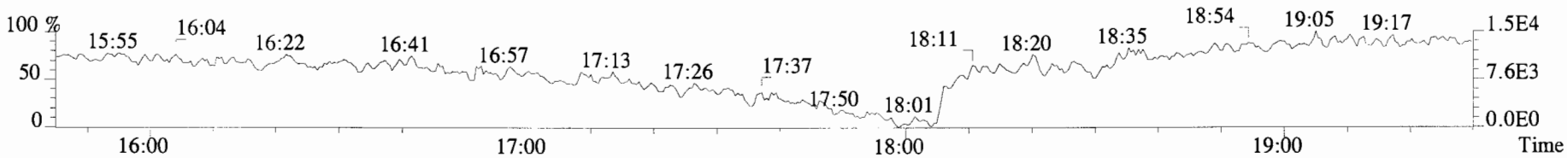
511.7199 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1500.0,0.00%,F,F)



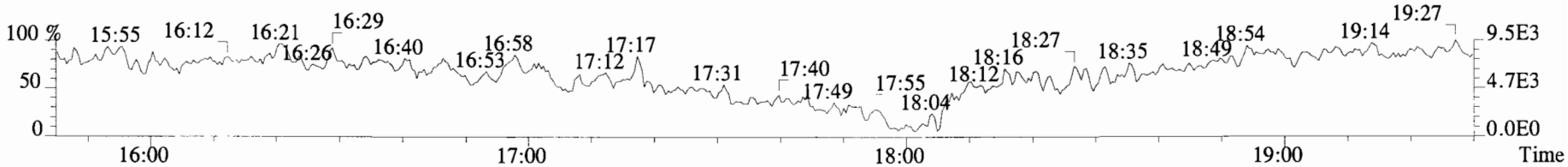
492.9697 S:12 F:5



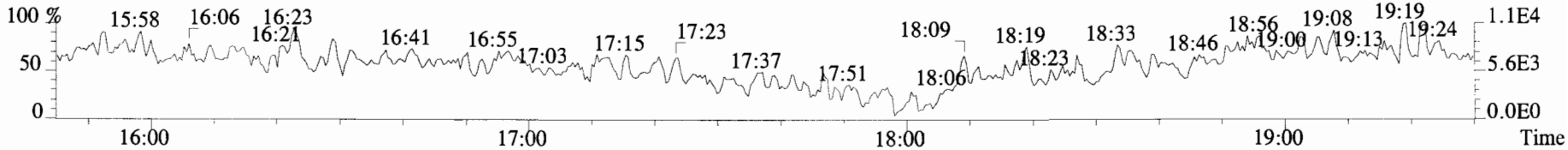
File:180303E1 #1-867 Acq: 3-MAR-2018 14:12:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
188.0393 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12832.0,0.00%,F,F)



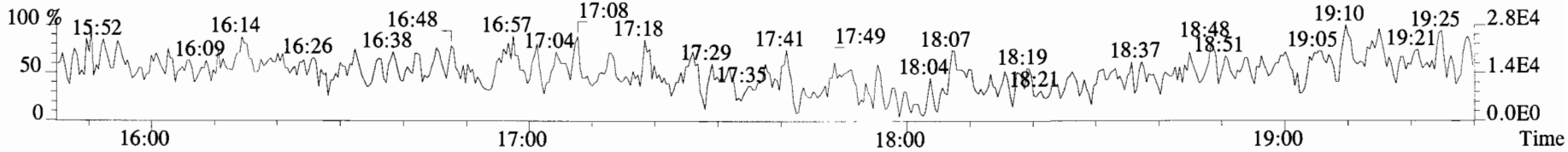
190.0363 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8372.0,0.00%,F,F)



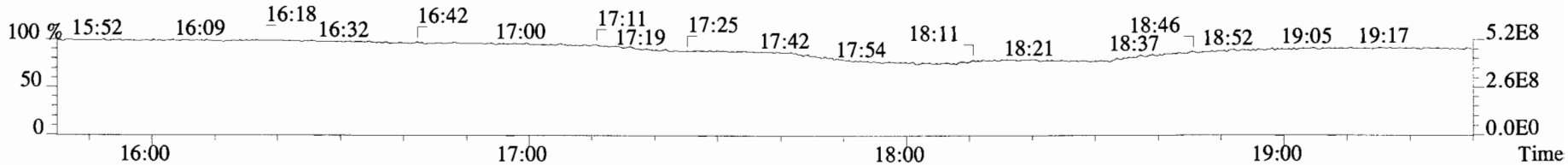
200.0795 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8488.0,0.00%,F,F)



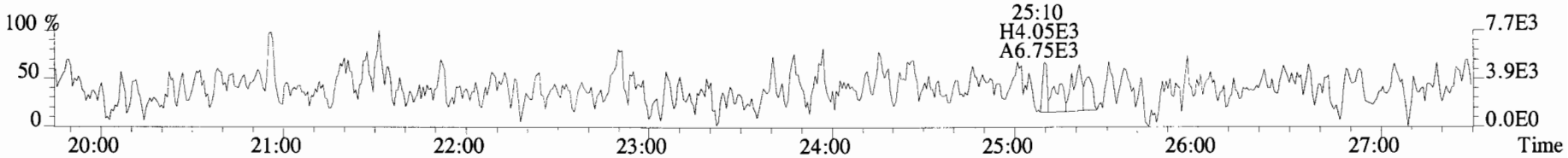
202.0766 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18788.0,0.00%,F,F)



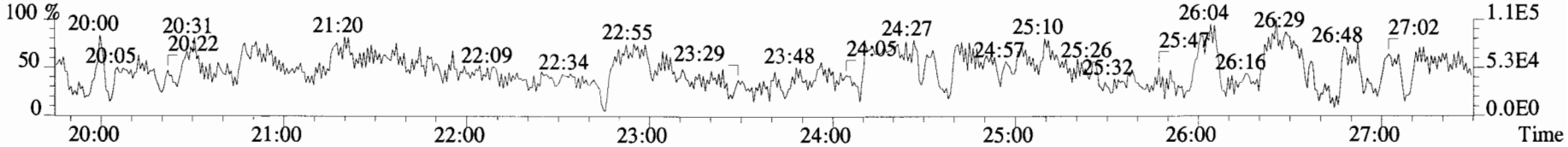
180.9880 S:2



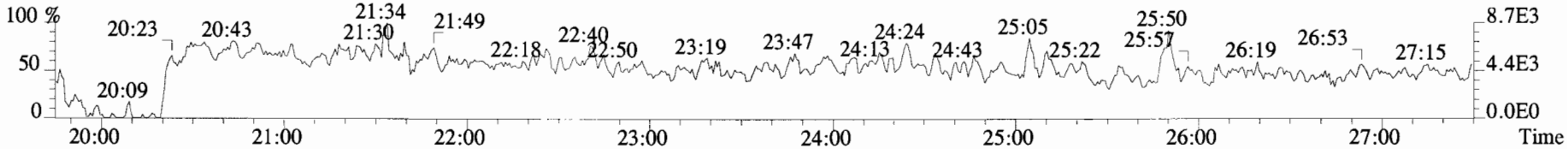
File:180303E1 #1-757 Acq: 3-MAR-2018 14:12:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
222.0003 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3932.0,0.00%,F,F)



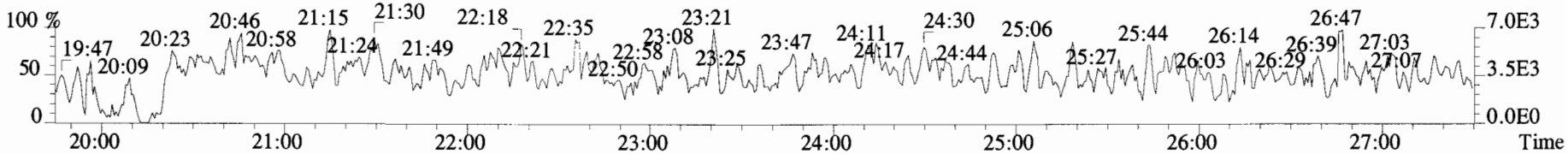
223.9974 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,64480.0,0.00%,F,F)



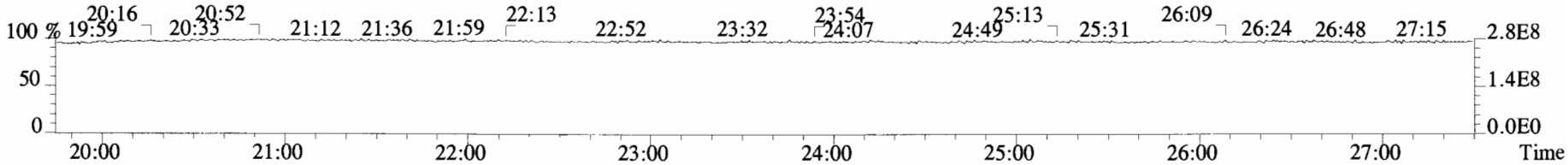
234.0406 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6008.0,0.00%,F,F)



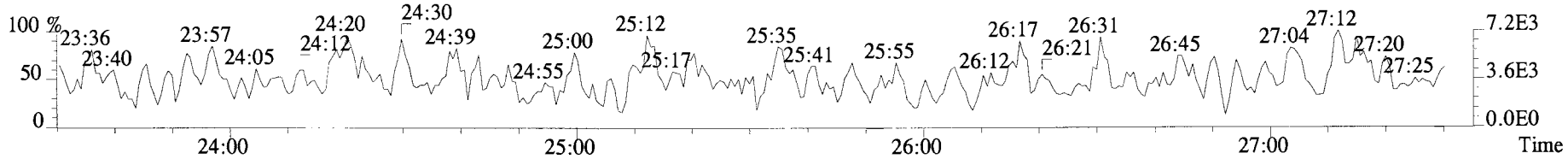
236.0376 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4924.0,0.00%,F,F)



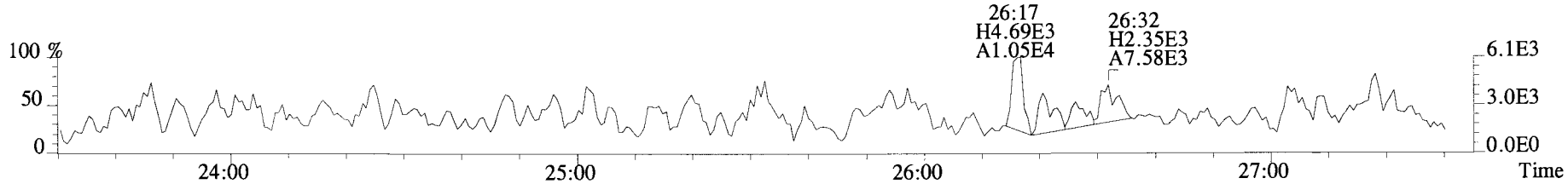
230.9856 S:2 F:2



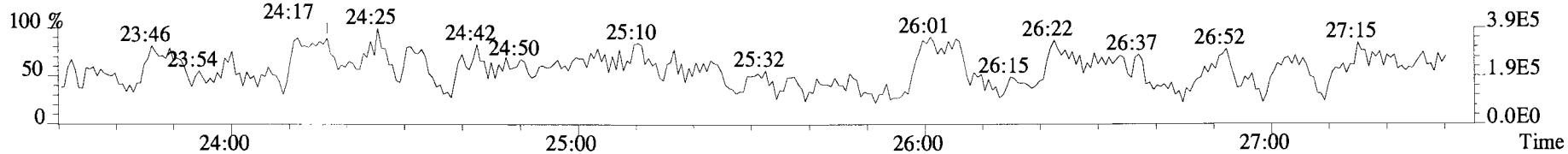
File:180303E1 #1-757 Acq: 3-MAR-2018 14:12:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4724.0,0.00%,F,F)



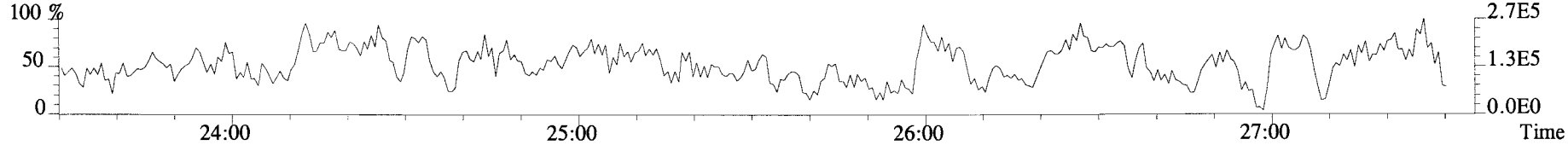
257.9584 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3248.0,0.00%,F,F)



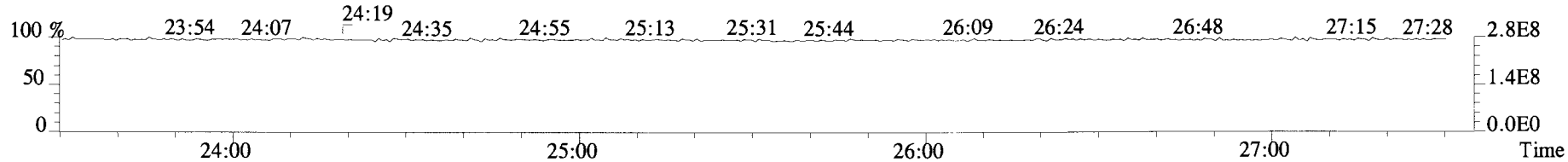
268.0016 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,294732.0,0.00%,F,F)



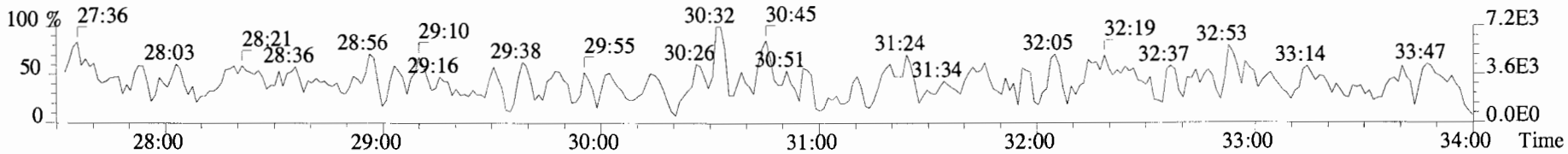
269.9986 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,190020.0,0.00%,F,F)



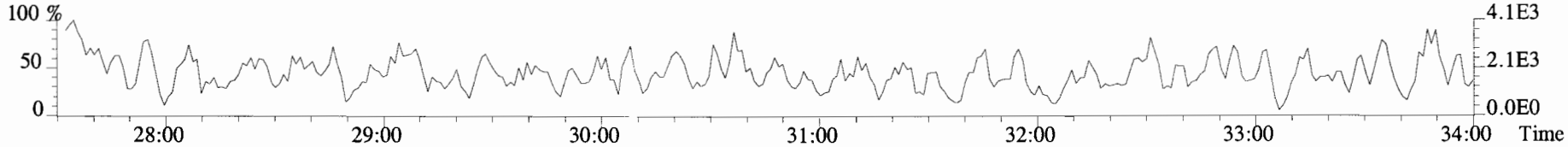
230.9856 S:2 F:2



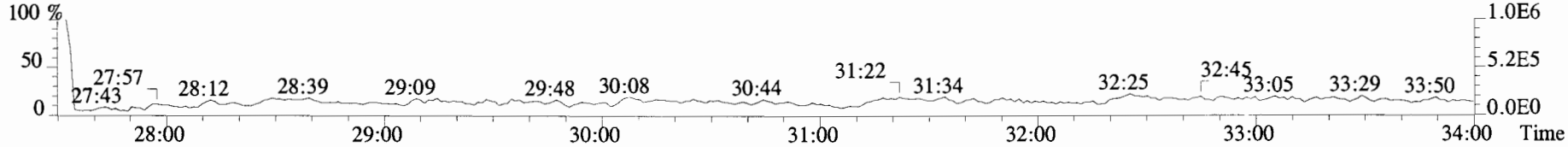
File:180303E1 #1-756 Acq: 3-MAR-2018 14:12:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3940.0,0.00%,F,F)



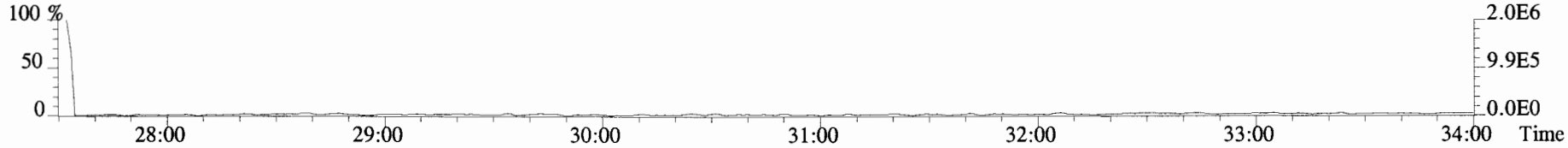
257.9584 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2388.0,0.00%,F,F)



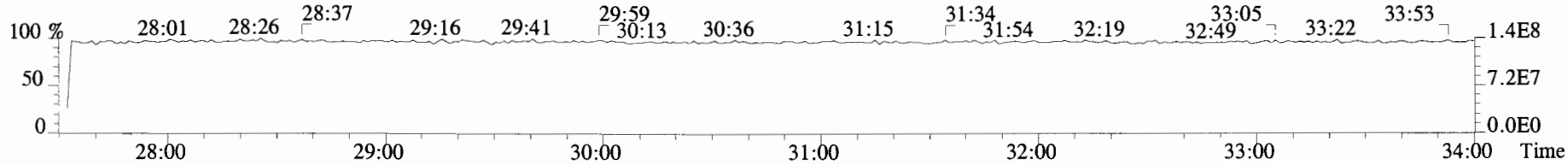
268.0016 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,199624.0,0.00%,F,F)



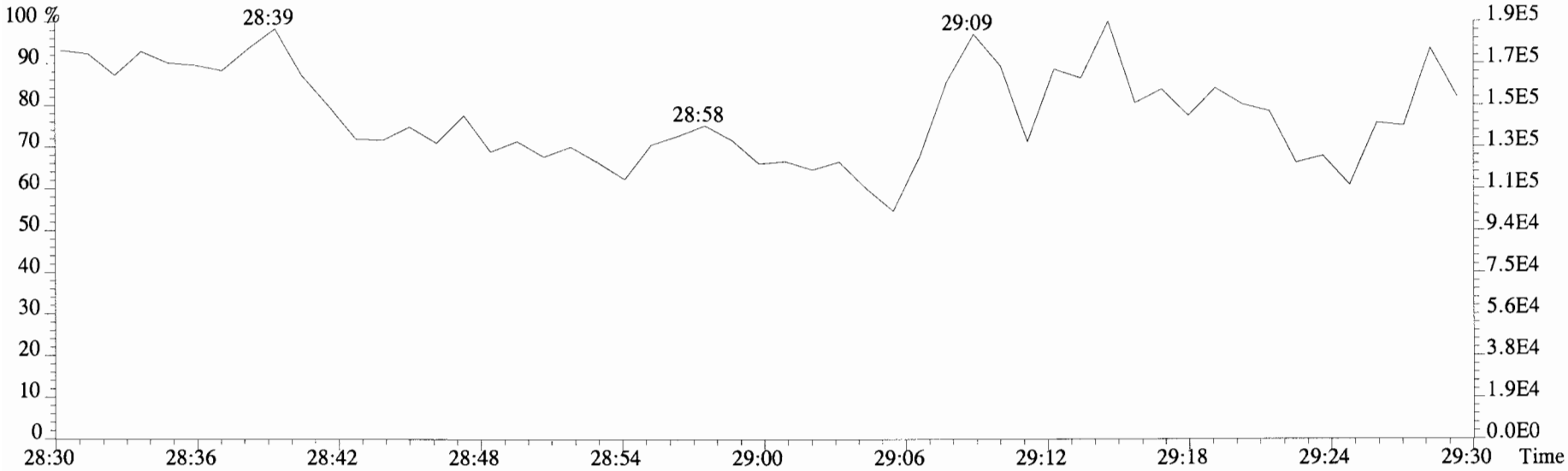
269.9986 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43484.0,0.00%,F,F)



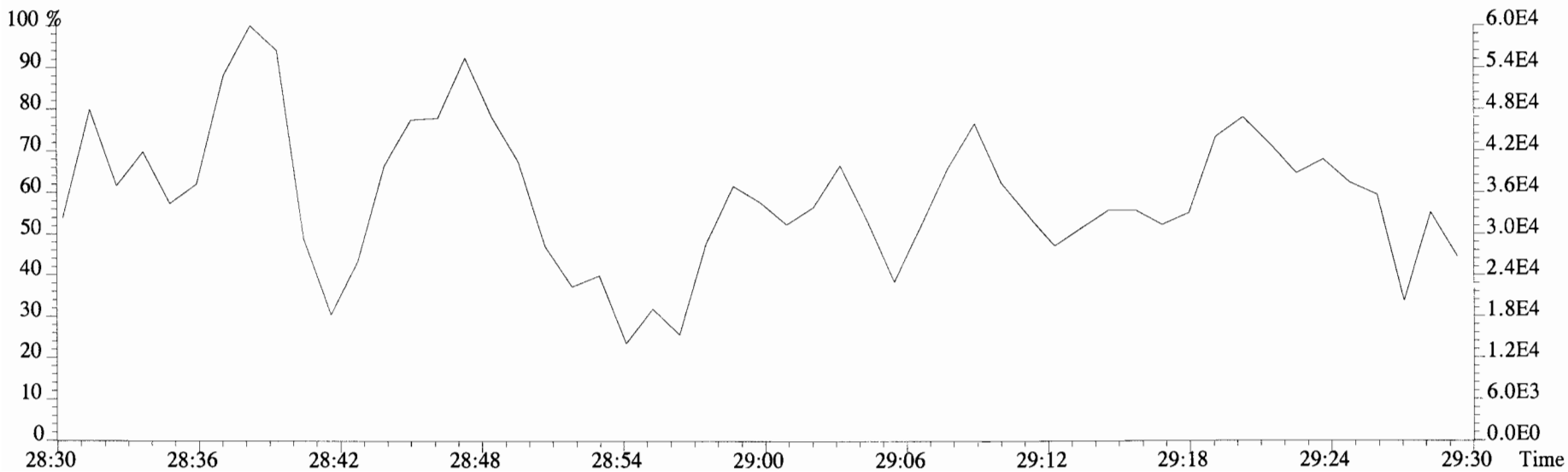
330.9792 S:2 F:3



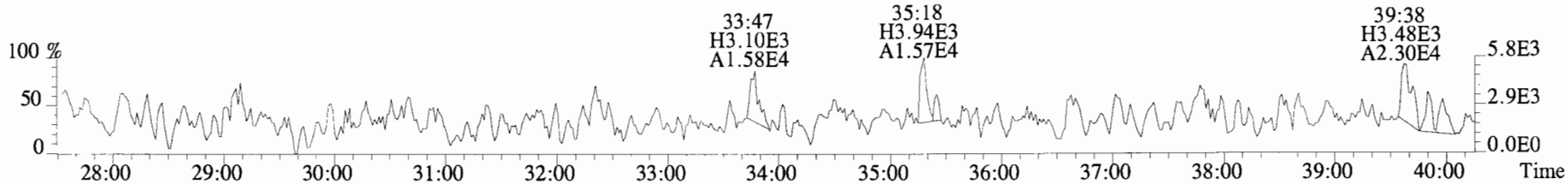
File:180303E1 #1-756 Acq: 3-MAR-2018 14:12:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
268.0016 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,199624.0,0.00%,F,F)



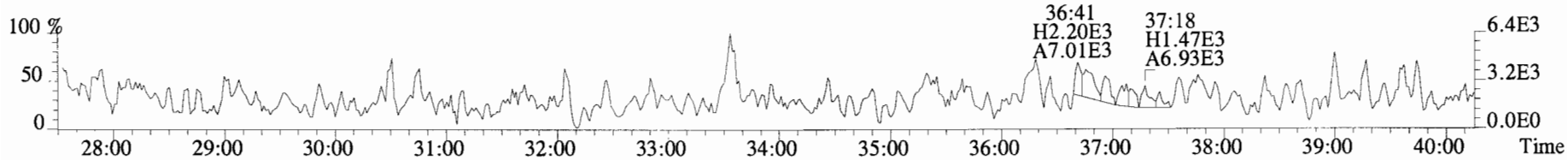
269.9986 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43484.0,0.00%,F,F)



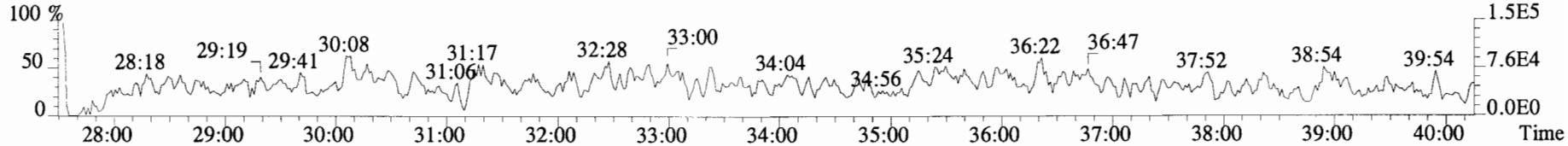
File:180303E1 #1-756 Acq: 3-MAR-2018 14:12:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2636.0,0.00%,F,F)



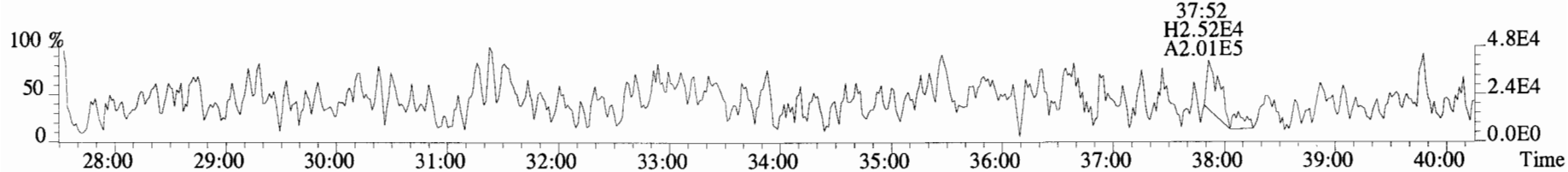
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2516.0,0.00%,F,F)



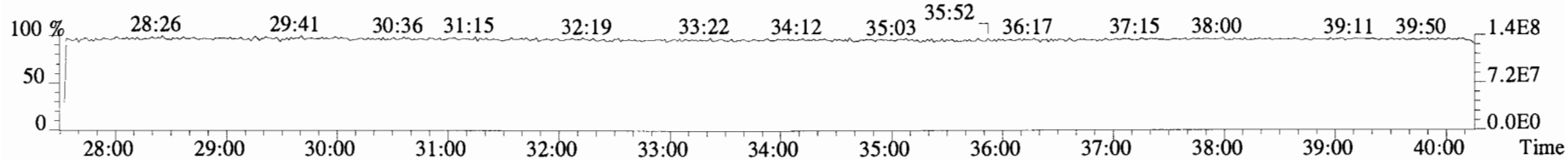
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,64412.0,0.00%,F,F)



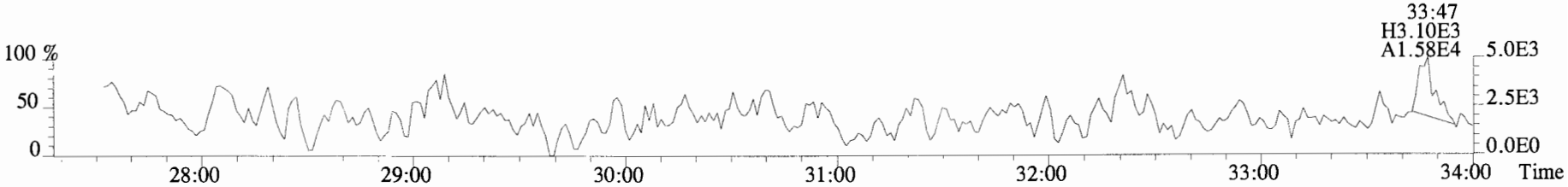
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26952.0,0.00%,F,F)



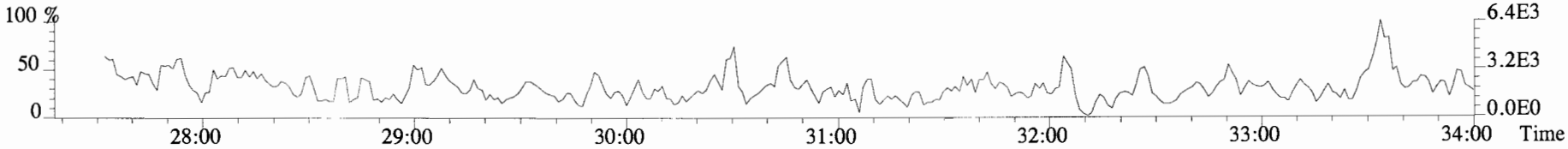
330.9792 S:2 F:3



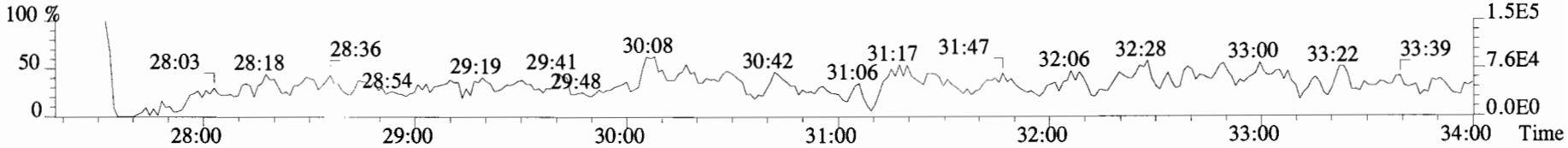
File:180303E1 #1-756 Acq: 3-MAR-2018 14:12:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2636.0,0.00%,F,F)



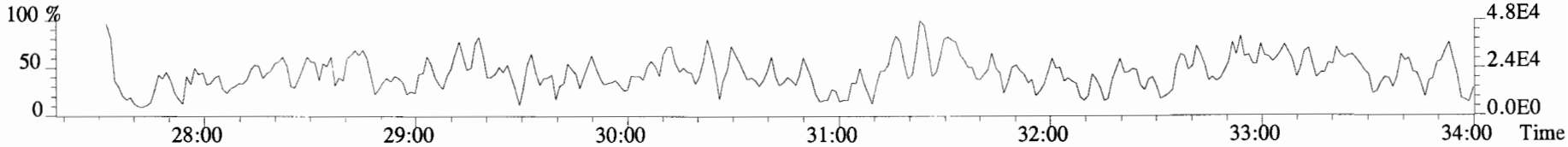
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2516.0,0.00%,F,F)



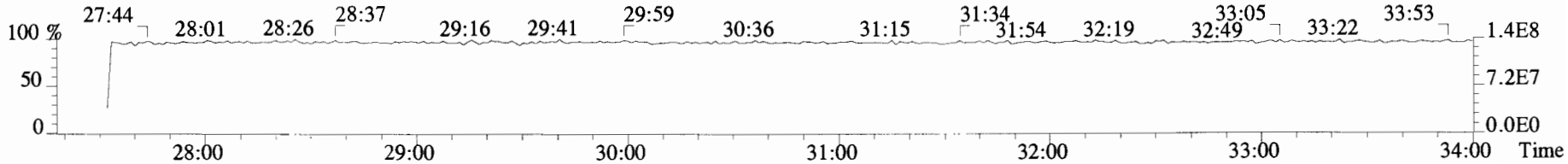
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,64412.0,0.00%,F,F)



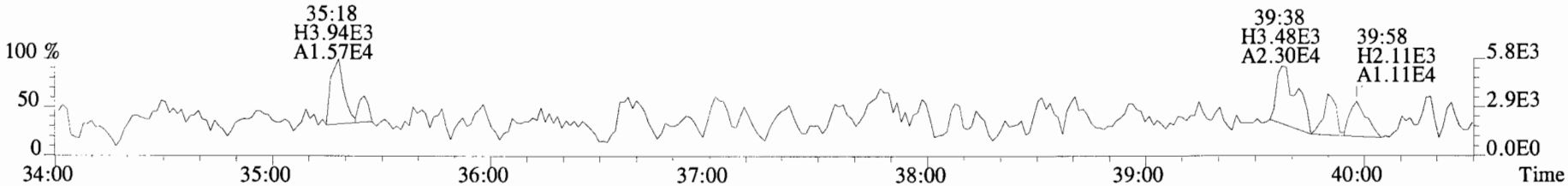
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26952.0,0.00%,F,F)



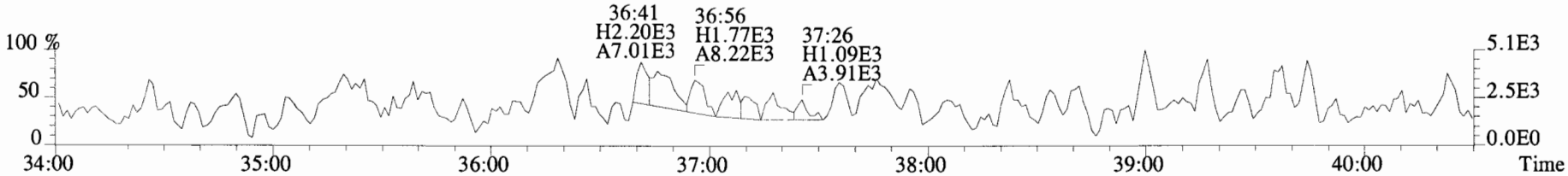
330.9792 S:2 F:3



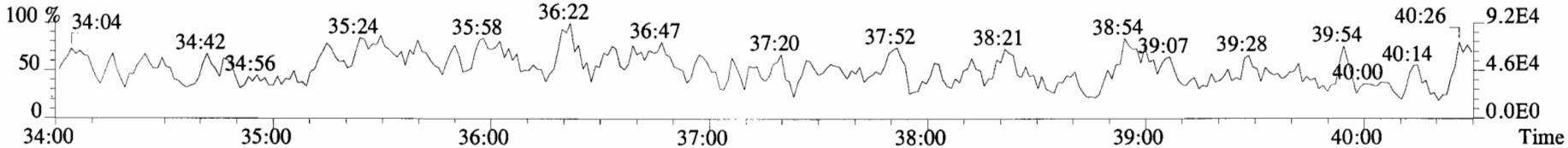
File:180303E1 #1-756 Acq: 3-MAR-2018 14:12:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2636.0,0.00%,F,F)



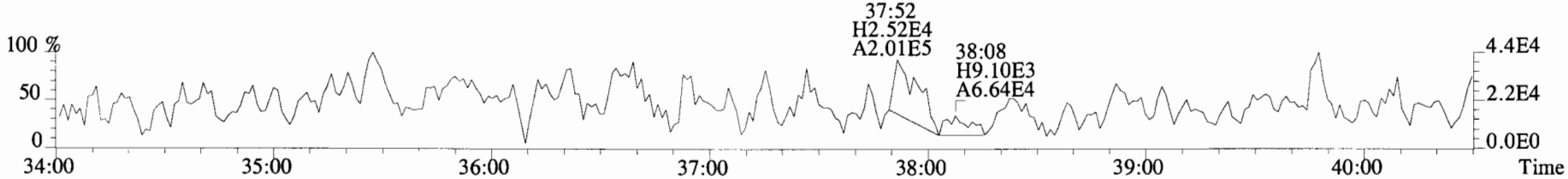
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2516.0,0.00%,F,F)



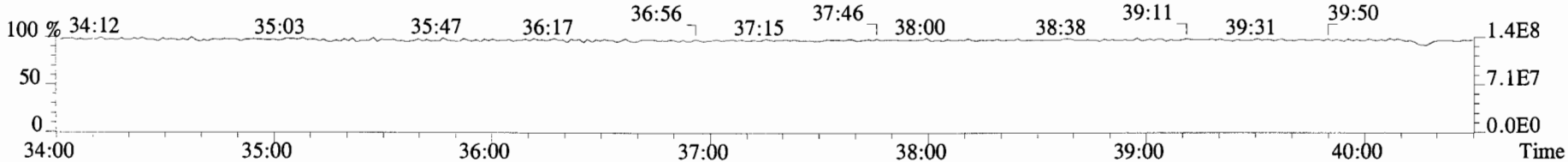
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,64412.0,0.00%,F,F)



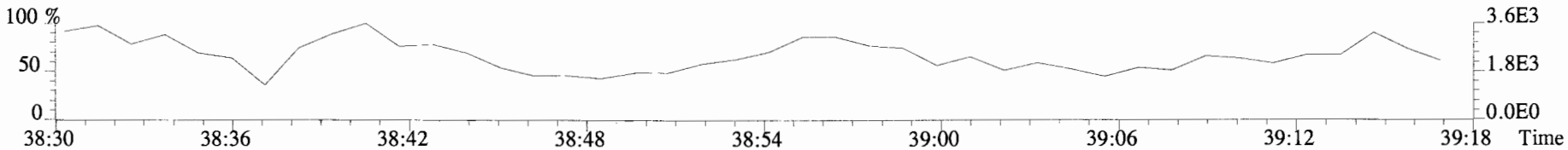
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26952.0,0.00%,F,F)



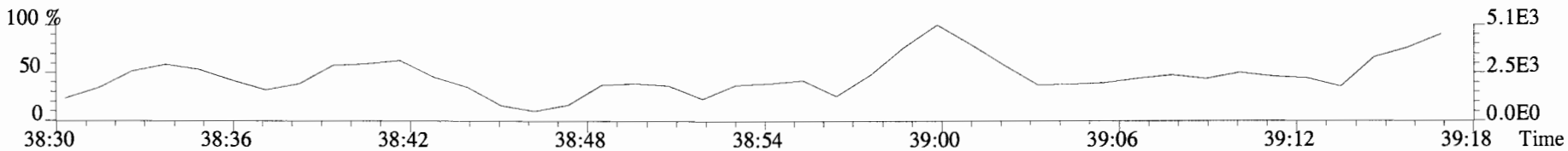
330.9792 S:2 F:3



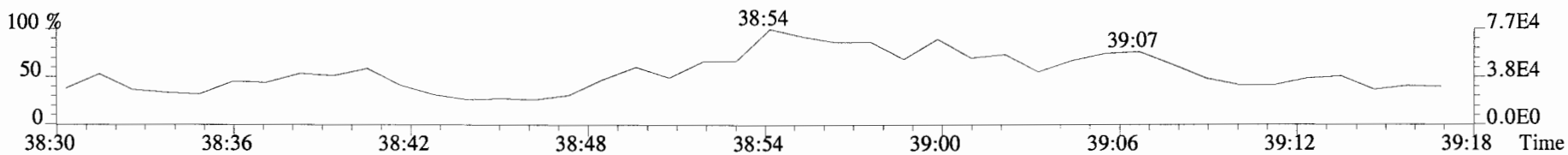
File:180303E1 #1-756 Acq: 3-MAR-2018 14:12:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2636.0,0.00%,F,F)



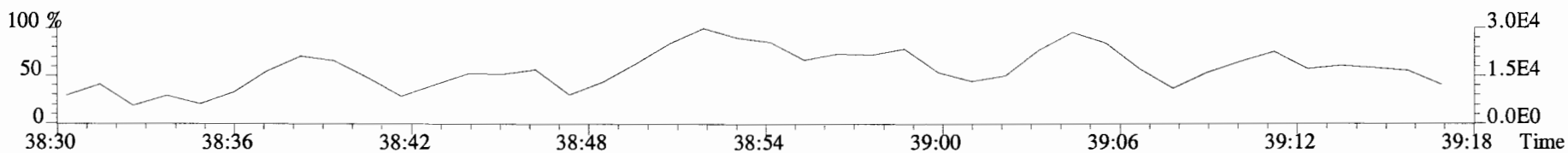
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2516.0,0.00%,F,F)



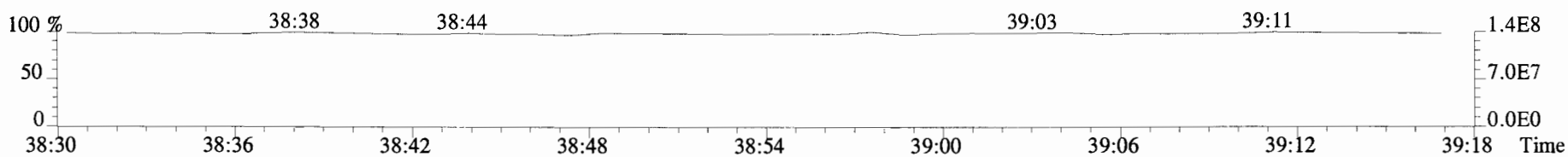
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,64412.0,0.00%,F,F)



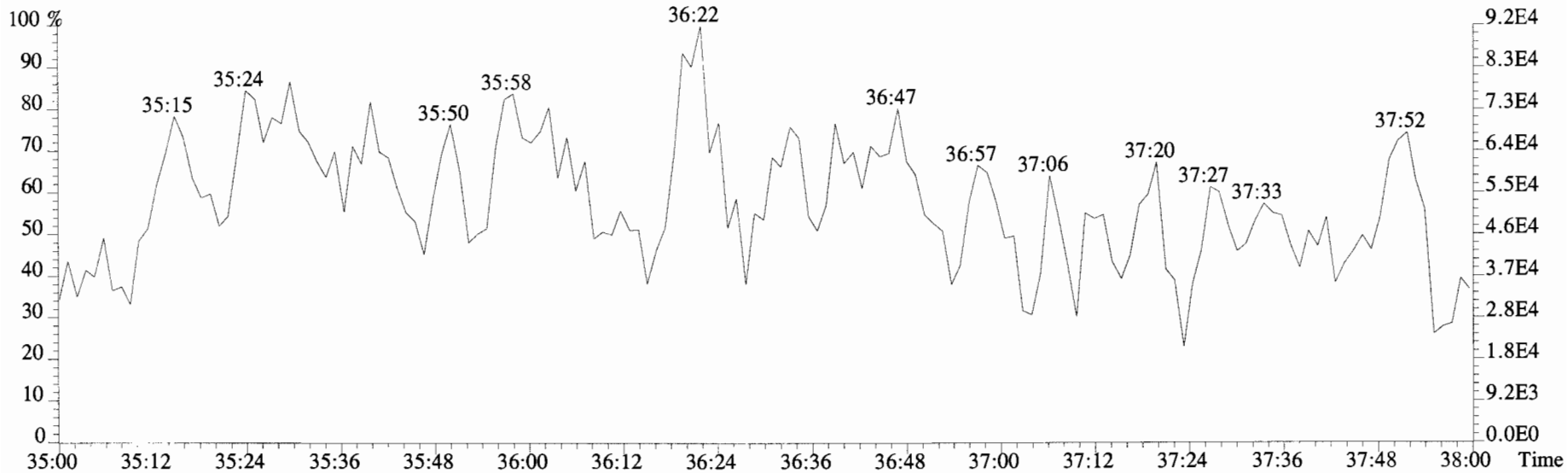
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26952.0,0.00%,F,F)



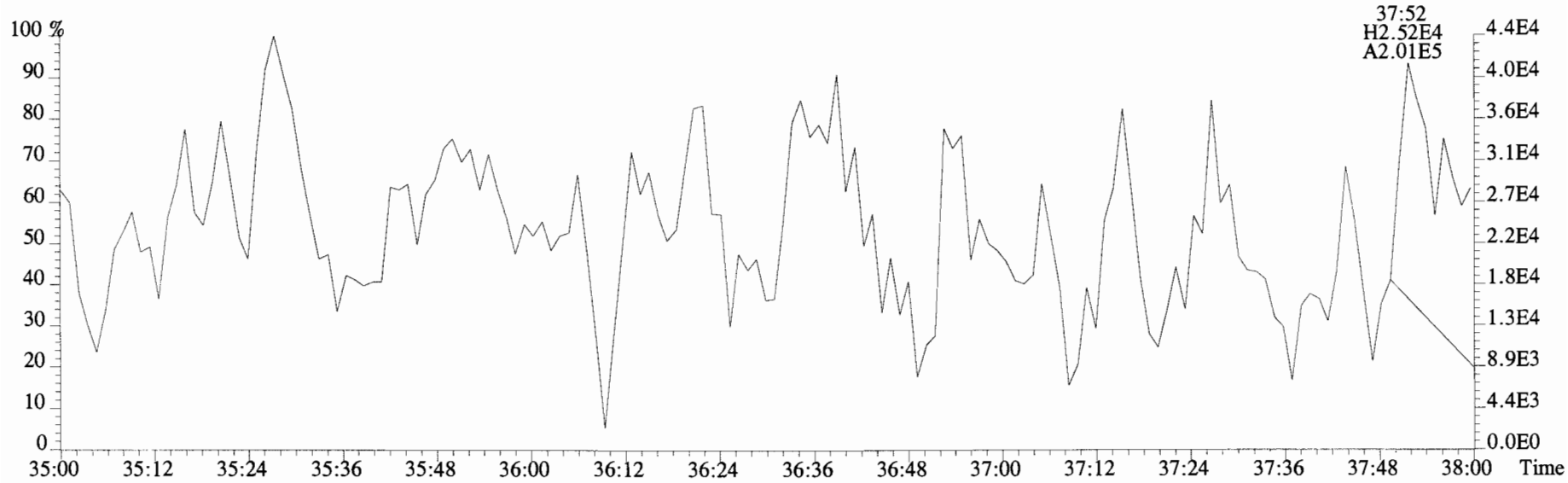
330.9792 S:2 F:3



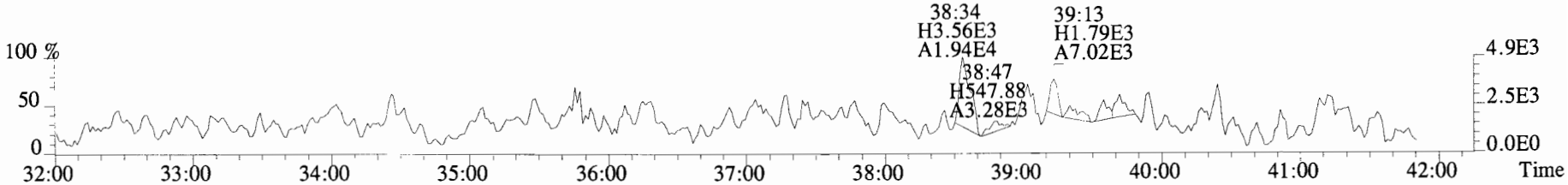
File:180303E1 #1-756 Acq: 3-MAR-2018 14:12:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,64412.0,0.00%,F,F)



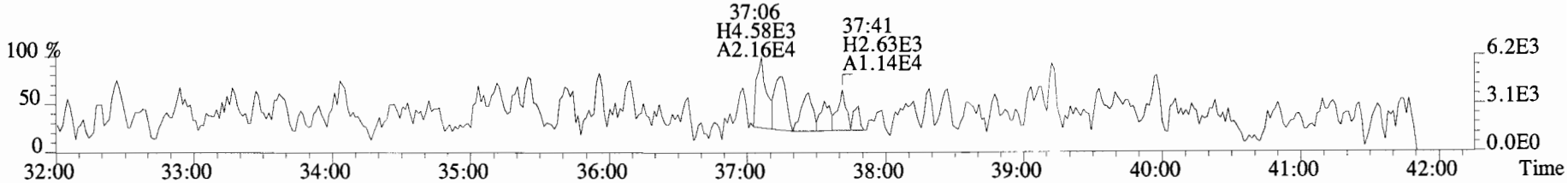
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26952.0,0.00%,F,F)



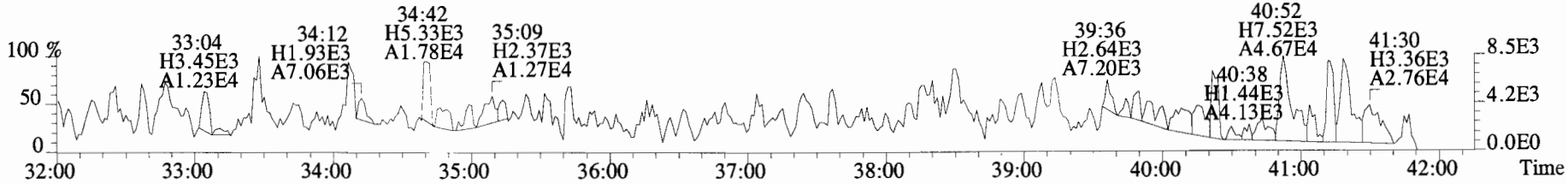
File:180303E1 #1-756 Acq: 3-MAR-2018 14:12:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2044.0,0.00%,F,F)



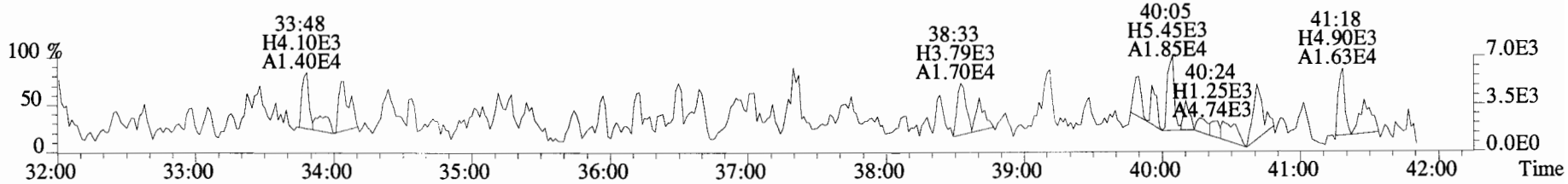
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3168.0,0.00%,F,F)



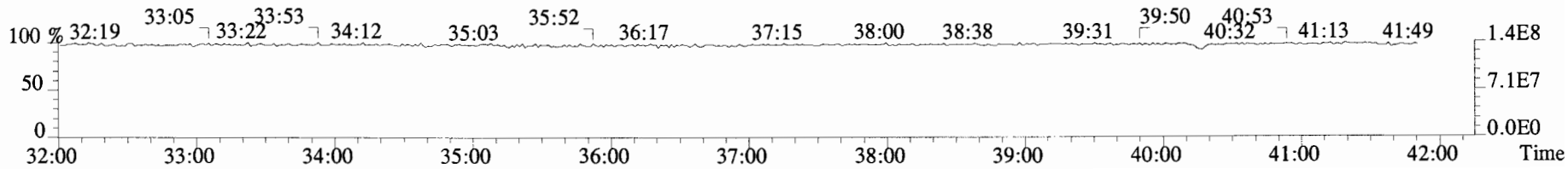
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3924.0,0.00%,F,F)



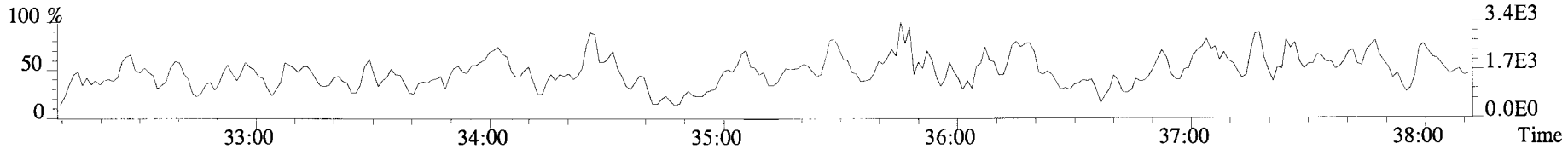
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2800.0,0.00%,F,F)



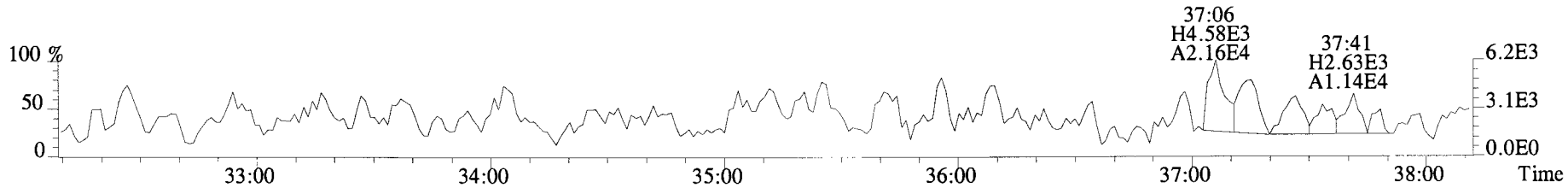
330.9792 S:2 F:3



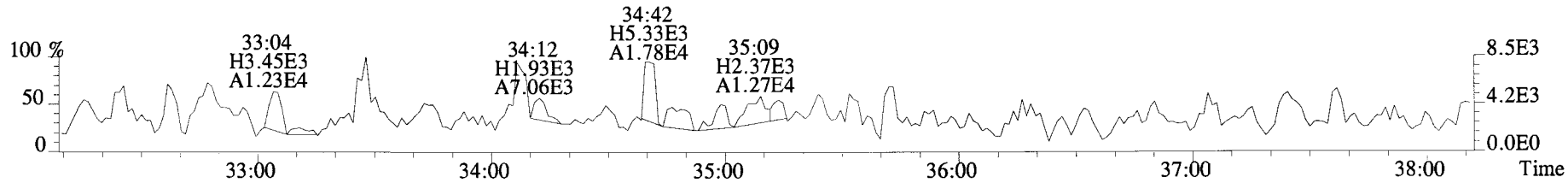
File:180303E1 #1-756 Acq: 3-MAR-2018 14:12:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2044.0,0.00%,F,F)



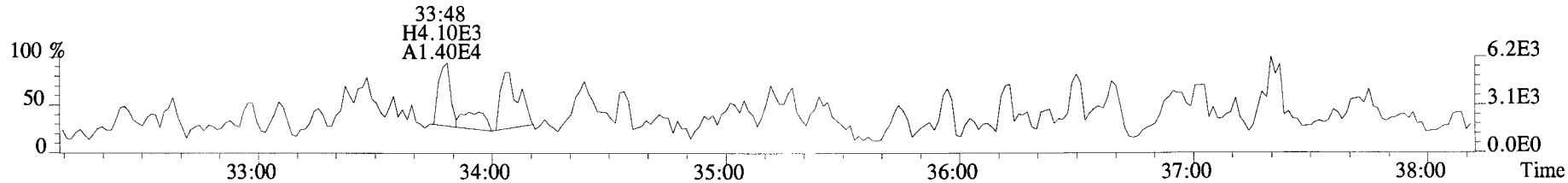
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3168.0,0.00%,F,F)



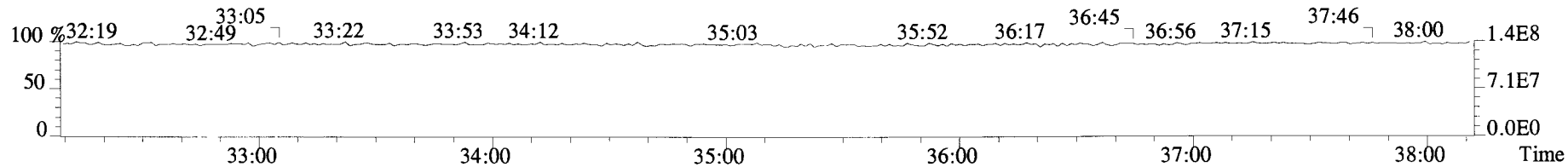
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3924.0,0.00%,F,F)



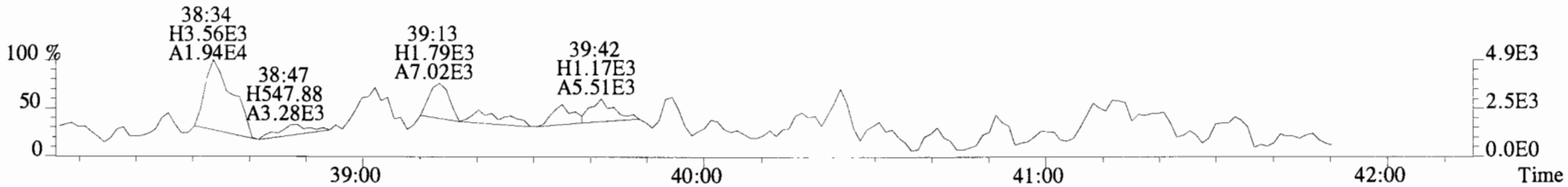
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2800.0,0.00%,F,F)



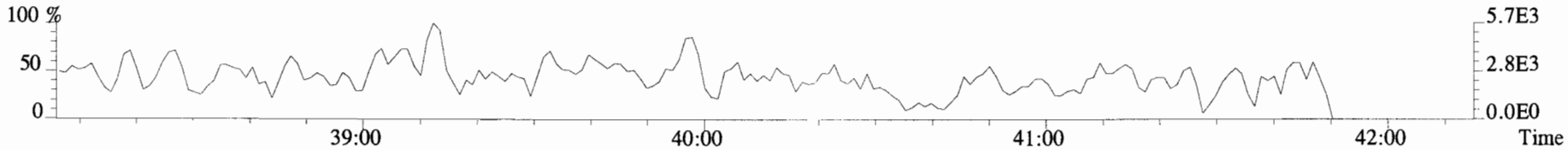
330.9792 S:2 F:3



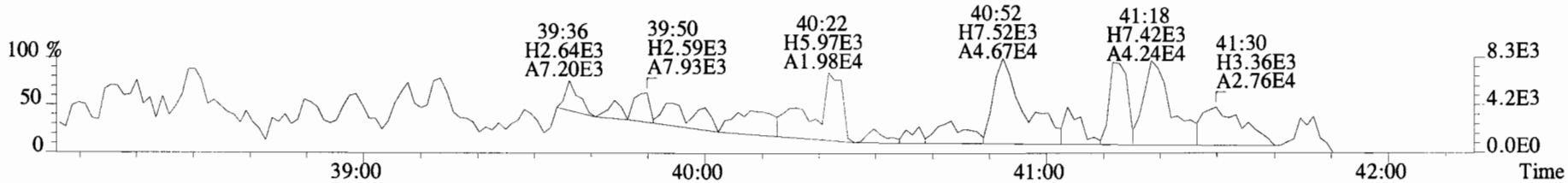
File:180303E1 #1-756 Acq: 3-MAR-2018 14:12:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2044.0,0.00%,F,F)



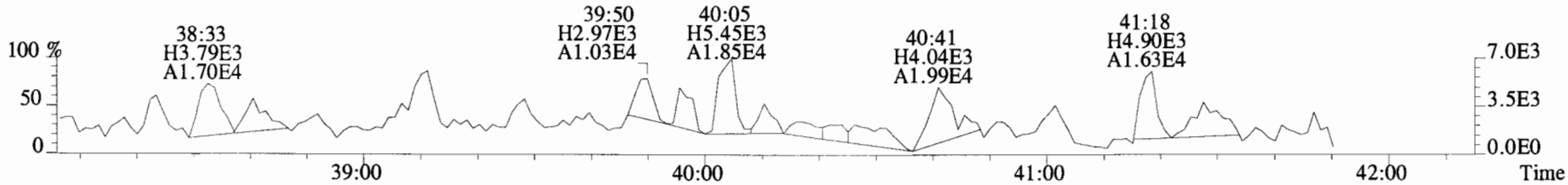
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3168.0,0.00%,F,F)



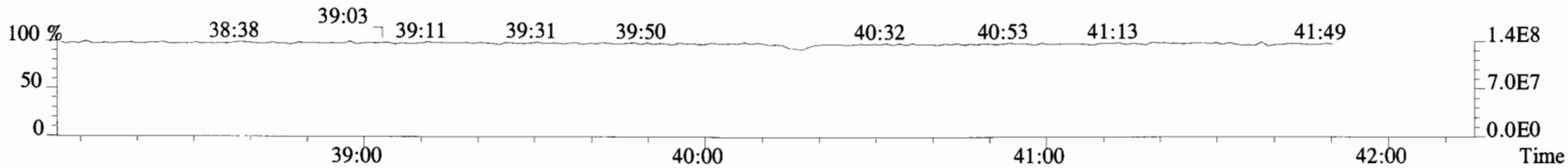
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3924.0,0.00%,F,F)



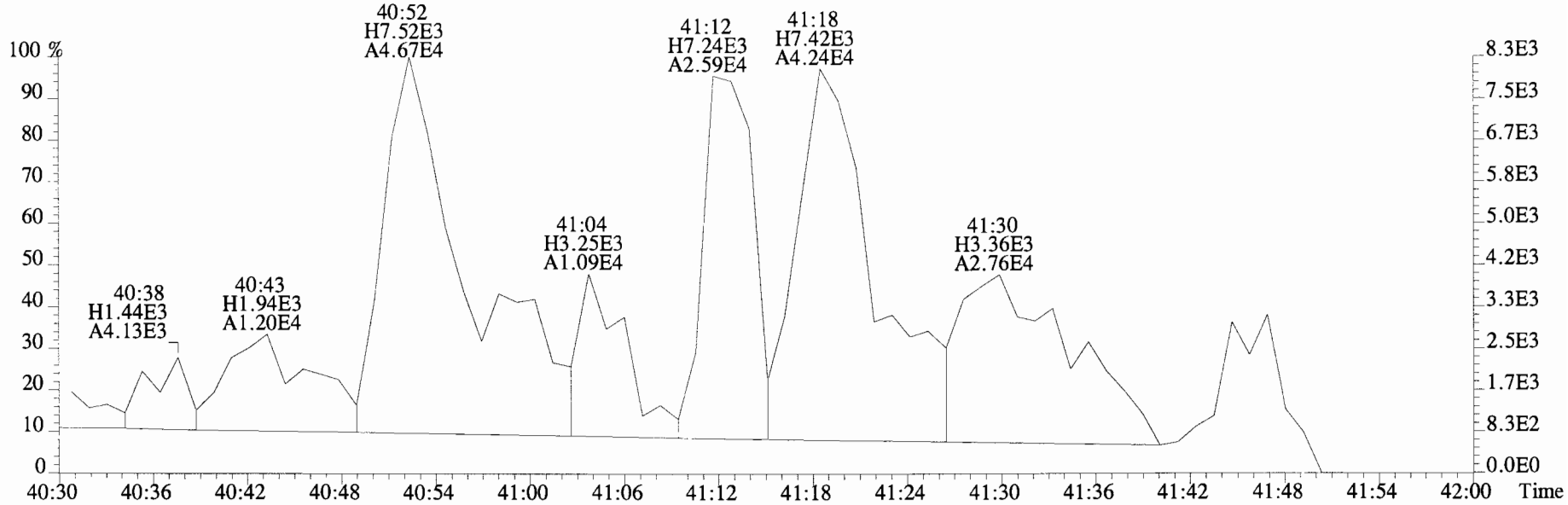
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2800.0,0.00%,F,F)



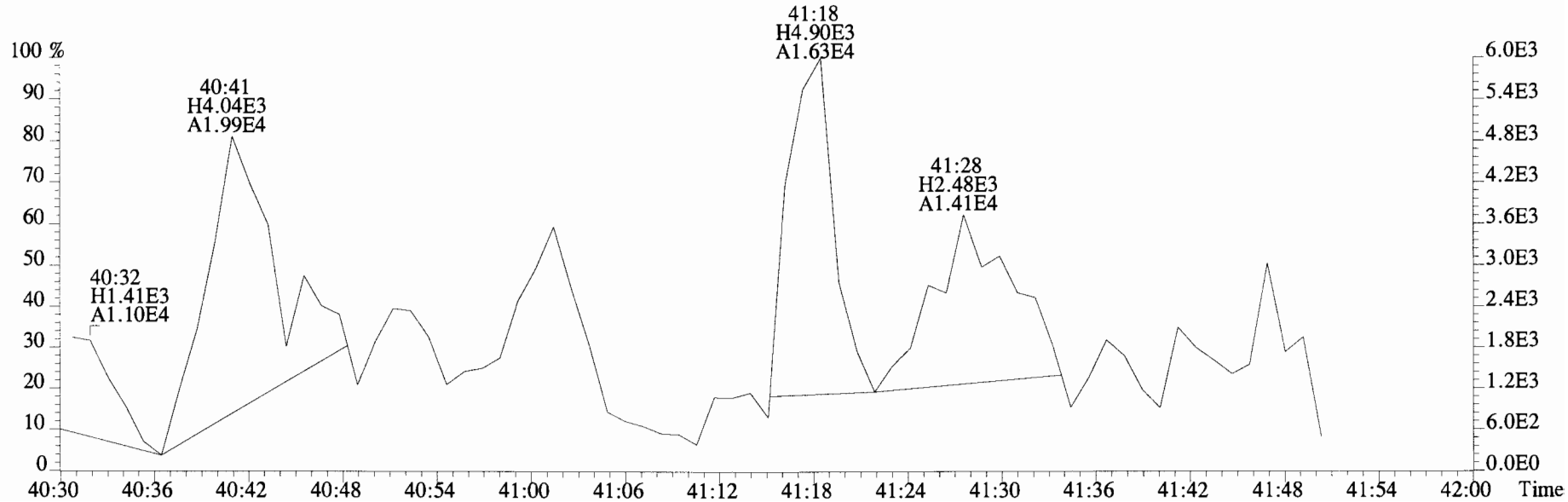
330.9792 S:2 F:3



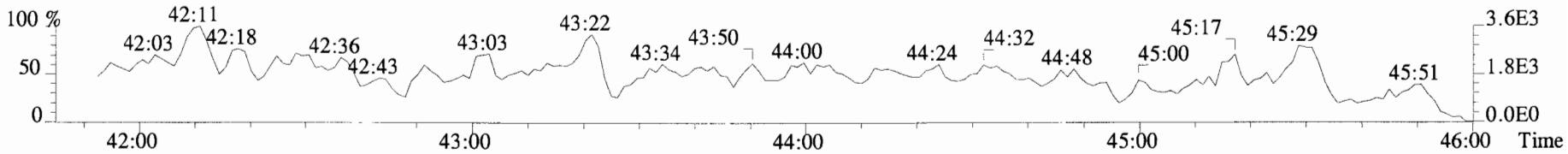
File:180303E1 #1-756 Acq: 3-MAR-2018 14:12:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3924.0,0.00%,F,F)



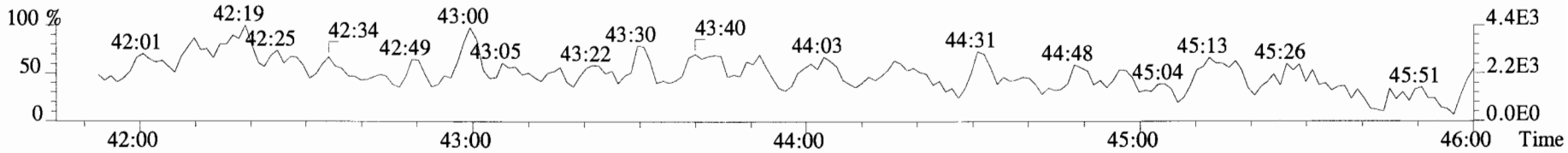
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2800.0,0.00%,F,F)



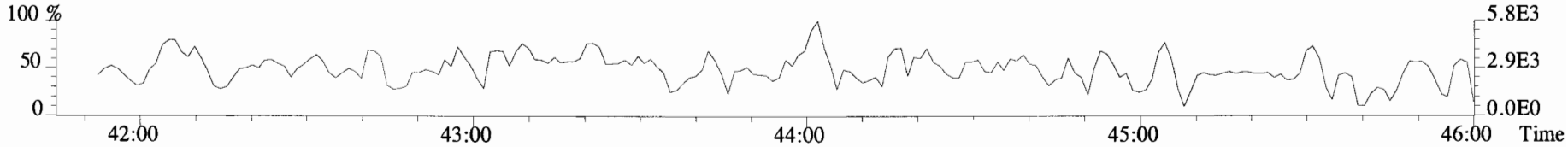
File:180303E1 #1-574 Acq: 3-MAR-2018 14:12:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2168.0,0.00%,F,F)



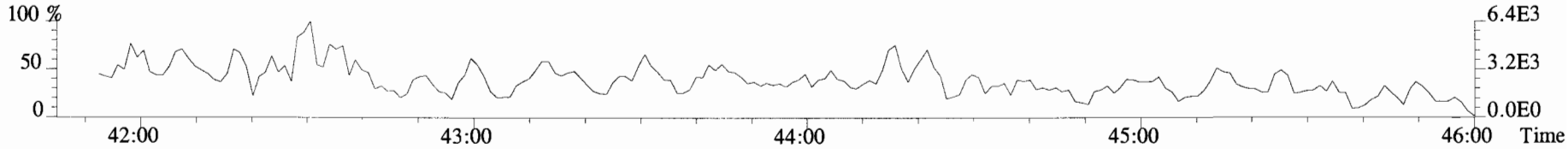
327.8775 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2716.0,0.00%,F,F)



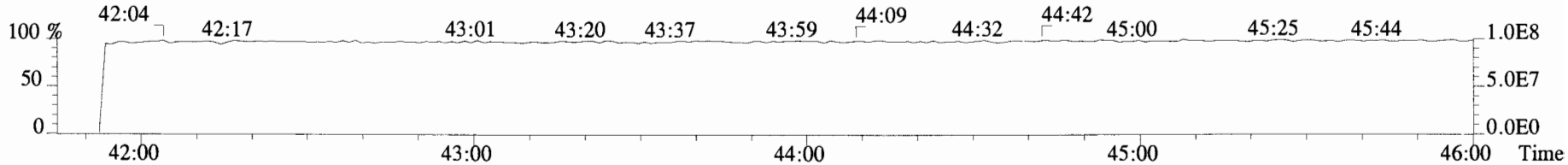
337.9207 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3512.0,0.00%,F,F)



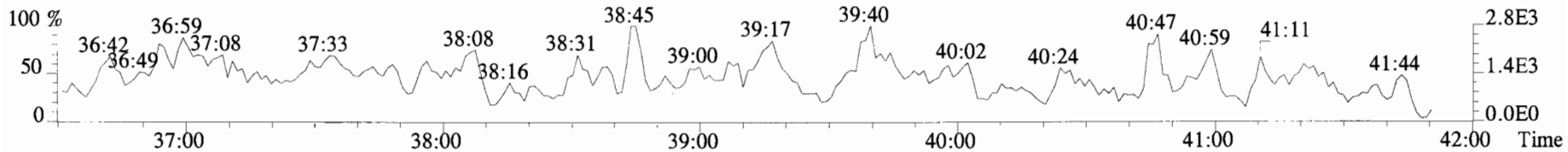
339.9177 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2824.0,0.00%,F,F)



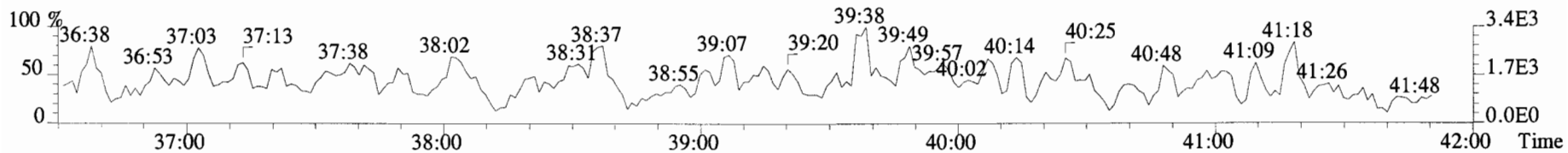
380.9760 S:2 F:4



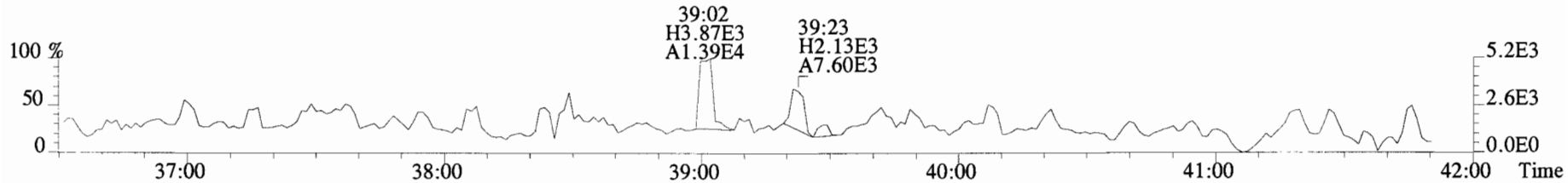
File:180303E1 #1-756 Acq: 3-MAR-2018 14:12:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1592.0,0.00%,F,F)



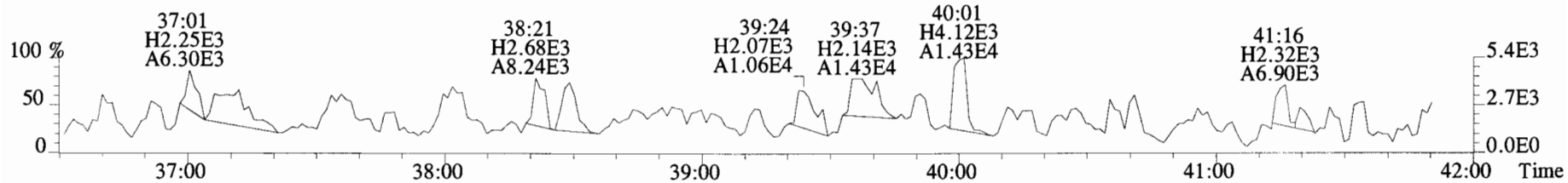
361.8385 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1860.0,0.00%,F,F)



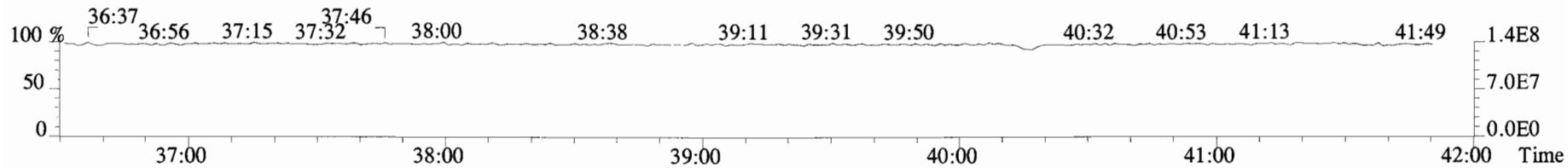
371.8817 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1748.0,0.00%,F,F)



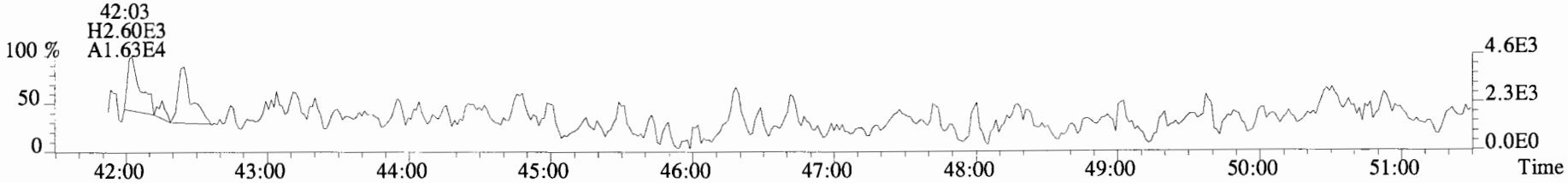
373.8788 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2260.0,0.00%,F,F)



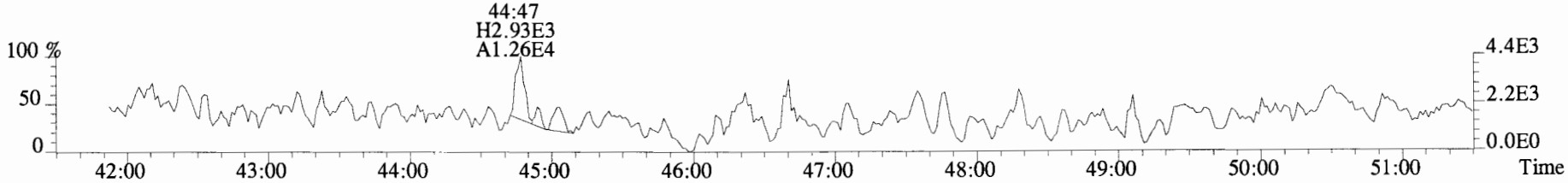
330.9792 S:2 F:3



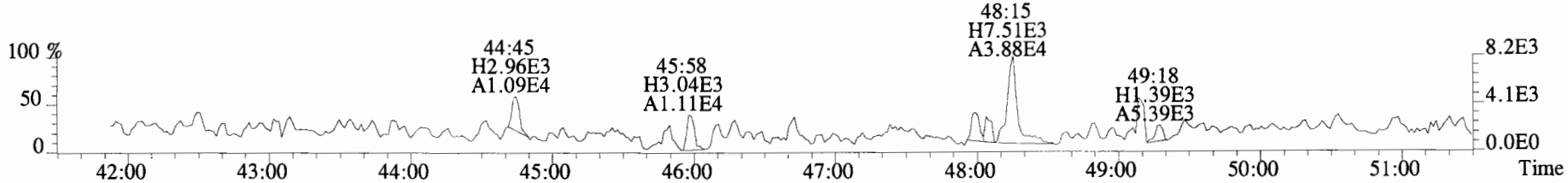
File:180303E1 #1-574 Acq: 3-MAR-2018 14:12:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



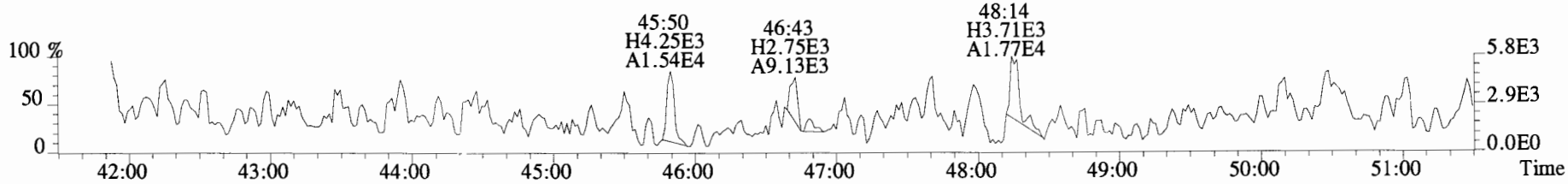
361.8385 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2148.0,0.00%,F,F)



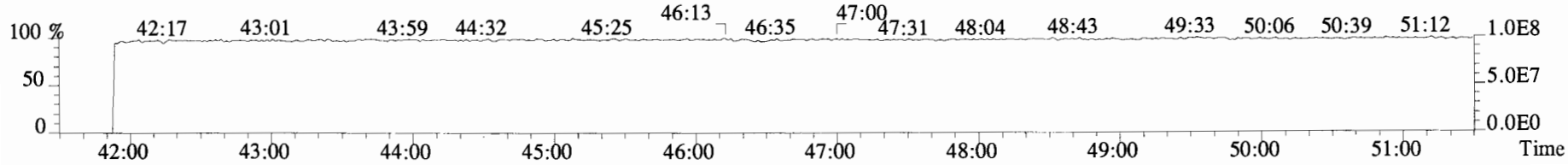
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2372.0,0.00%,F,F)



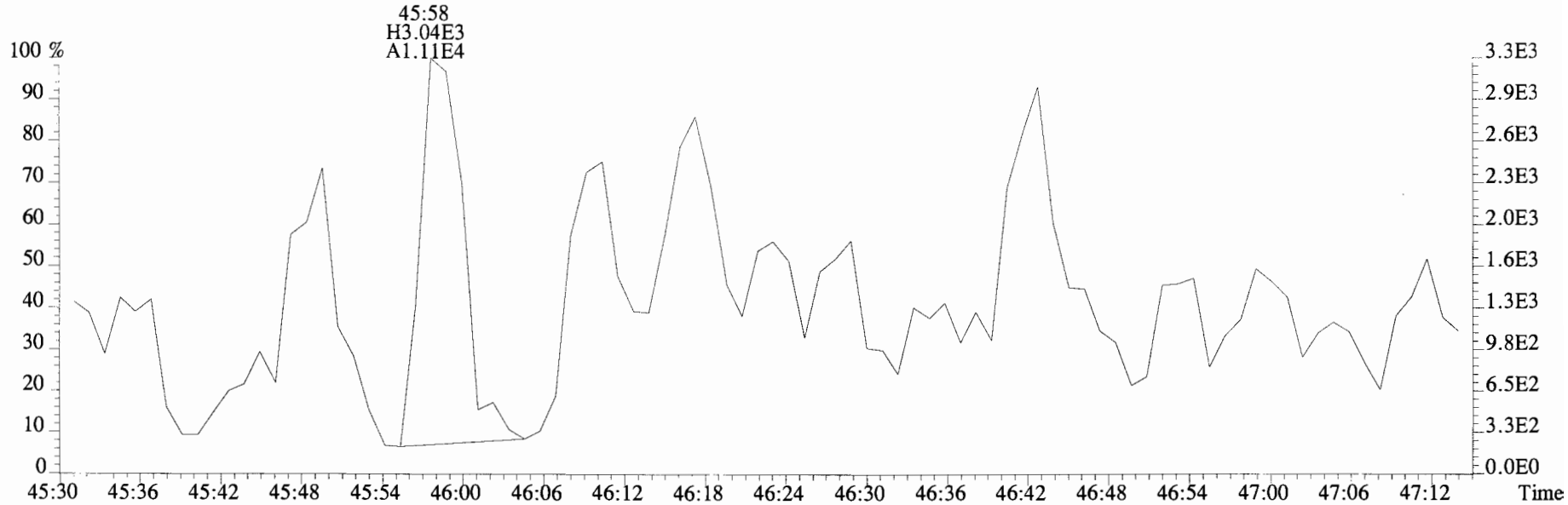
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2524.0,0.00%,F,F)



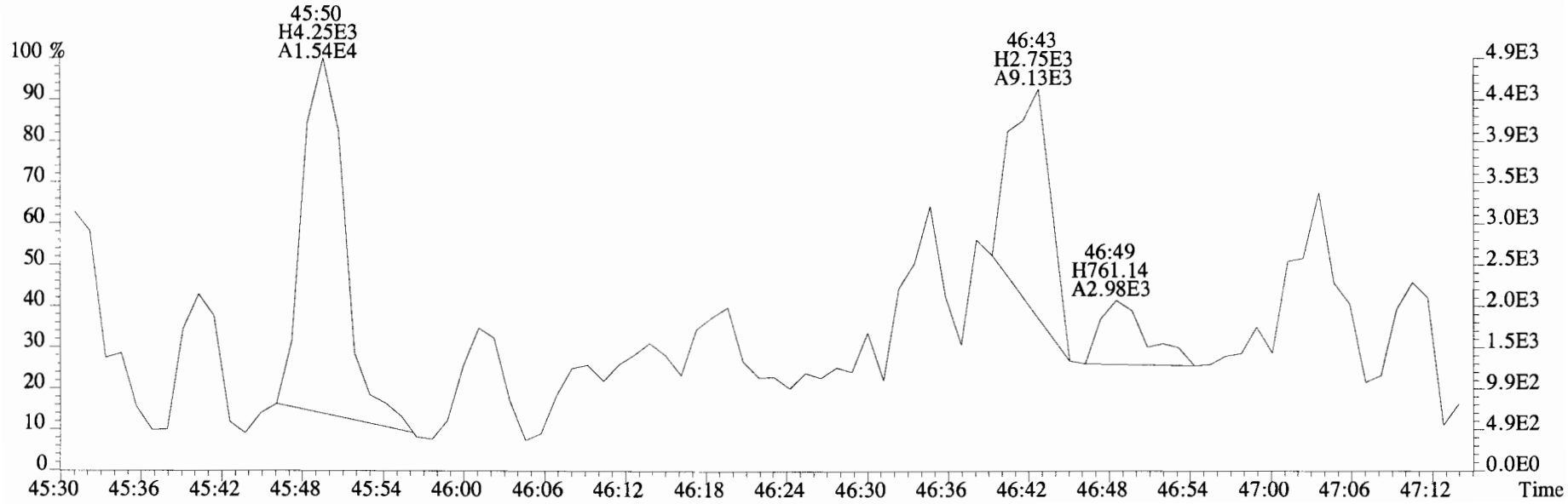
380.9760 S:2 F:4



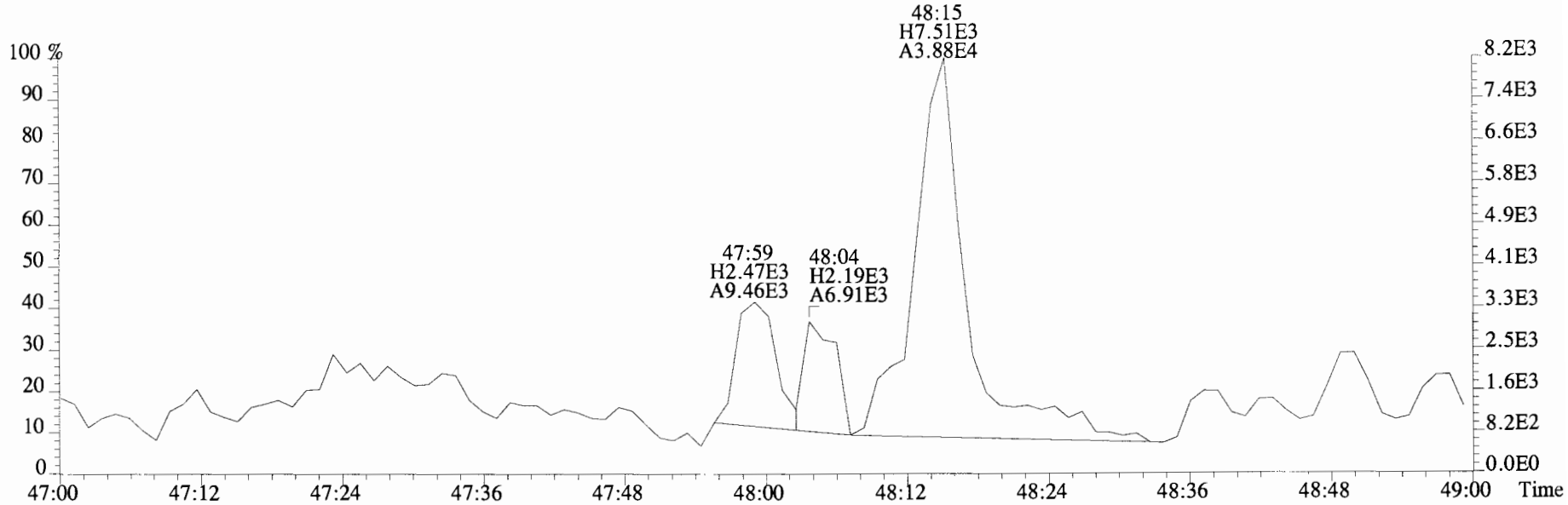
File:180303E1 #1-574 Acq: 3-MAR-2018 14:12:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2372.0,0.00%,F,F)



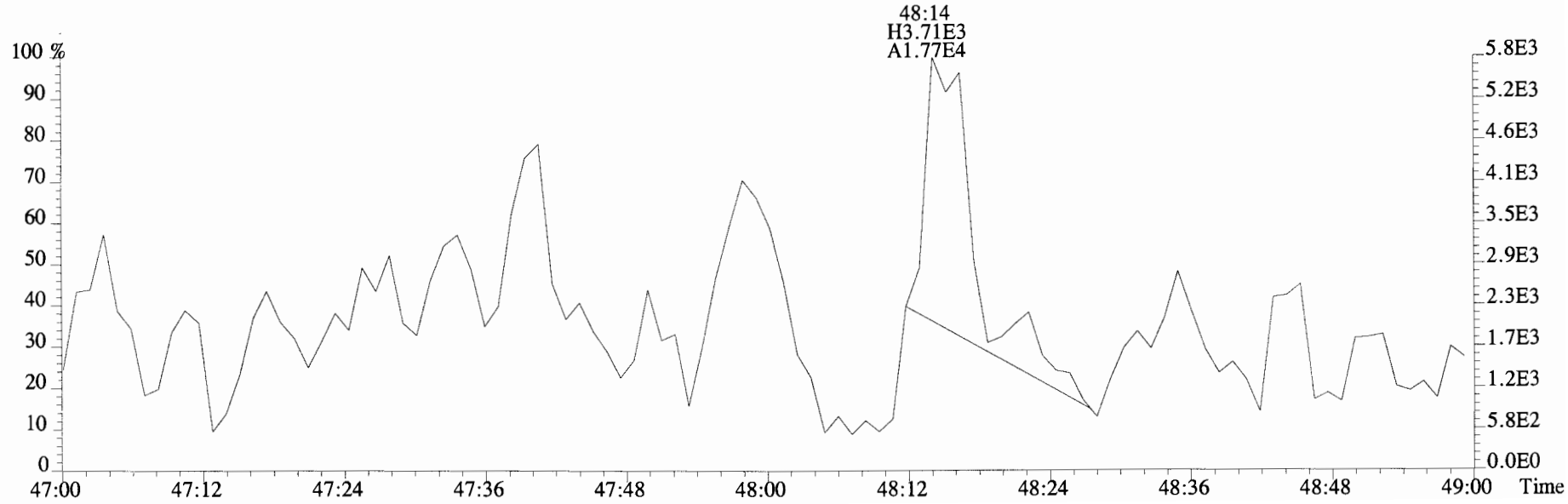
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2524.0,0.00%,F,F)



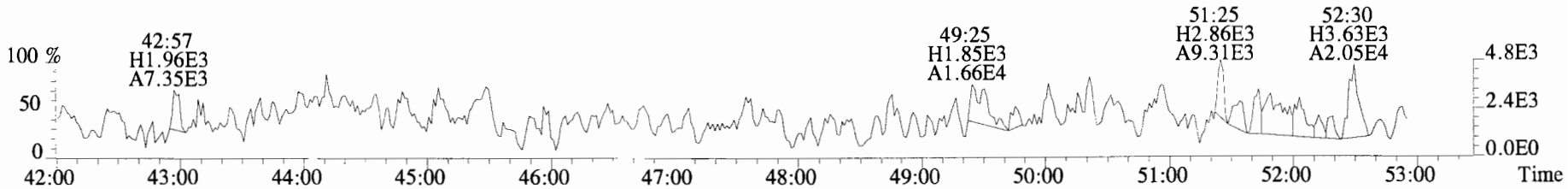
File:180303E1 #1-574 Acq: 3-MAR-2018 14:12:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2372.0,0.00%,F,F)



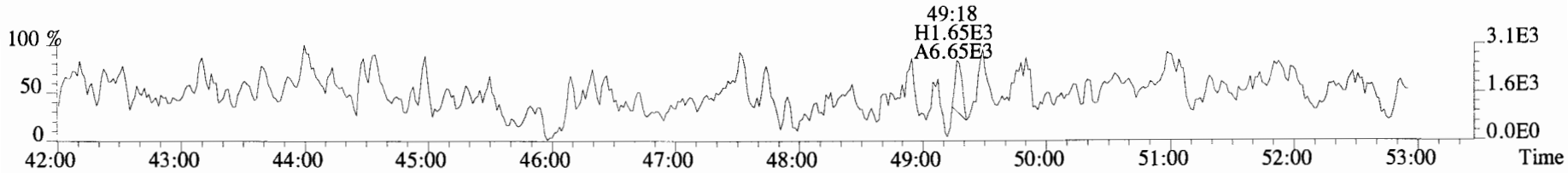
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2524.0,0.00%,F,F)



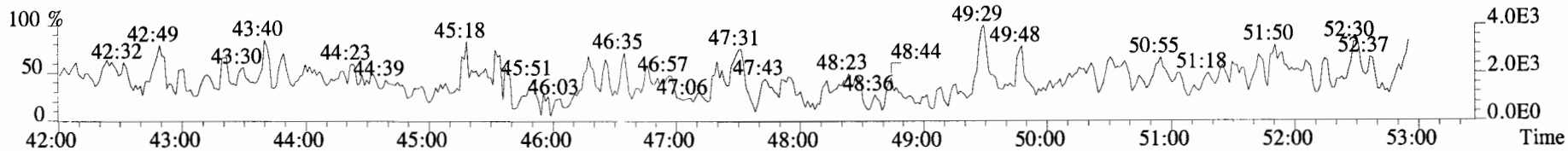
File:180303E1 #1-574 Acq: 3-MAR-2018 14:12:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
393.8025 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2564.0,0.00%,F,F)



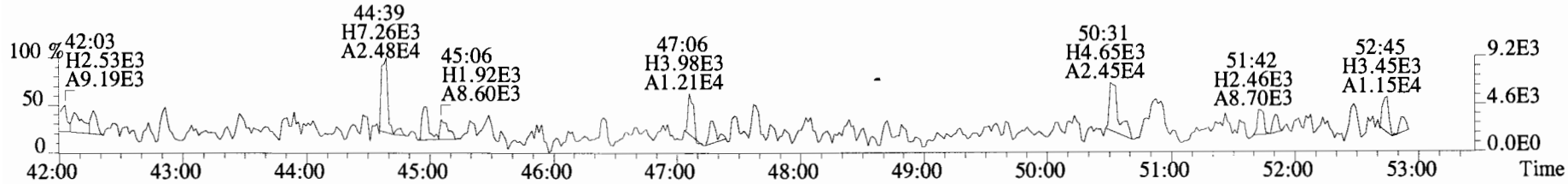
395.7995 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2004.0,0.00%,F,F)



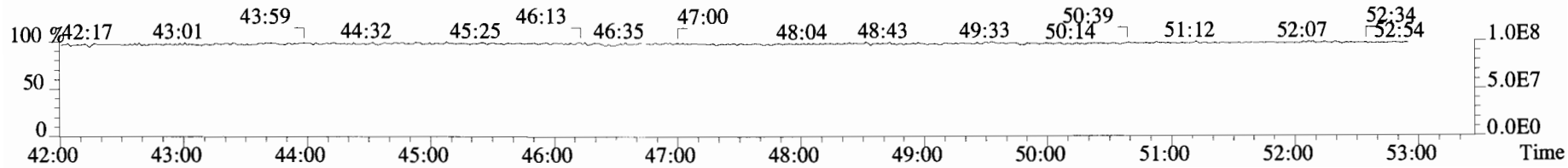
403.8457 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2160.0,0.00%,F,F)



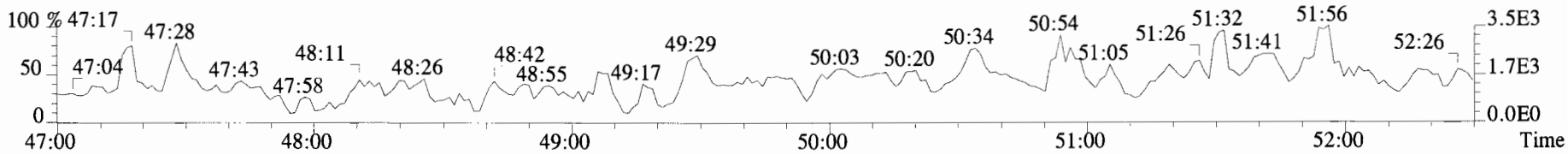
405.8428 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2628.0,0.00%,F,F)



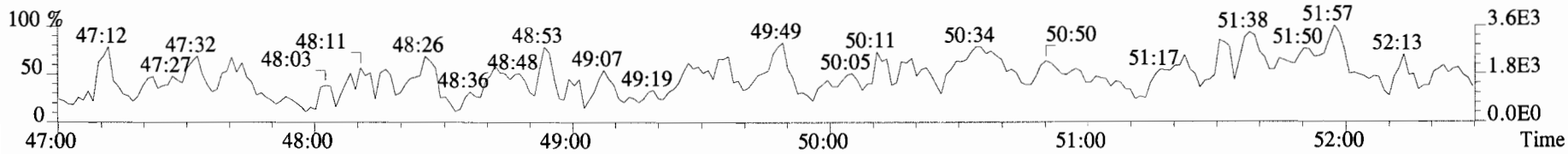
380.9760 S:2 F:4



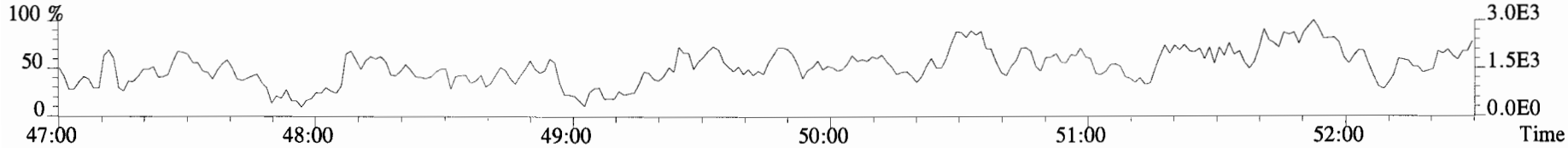
File:180303E1 #1-574 Acq: 3-MAR-2018 14:12:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1884.0,0.00%,F,F)



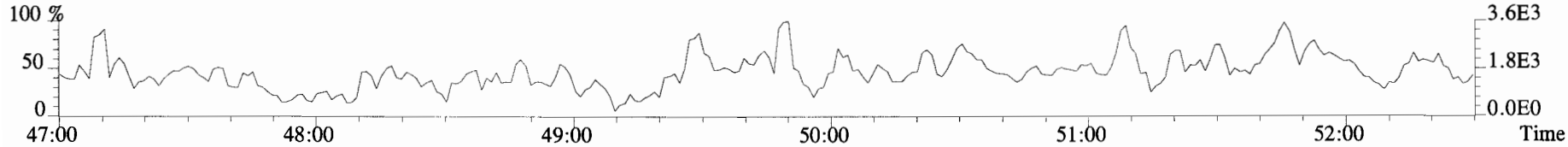
429.7606 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2168.0,0.00%,F,F)



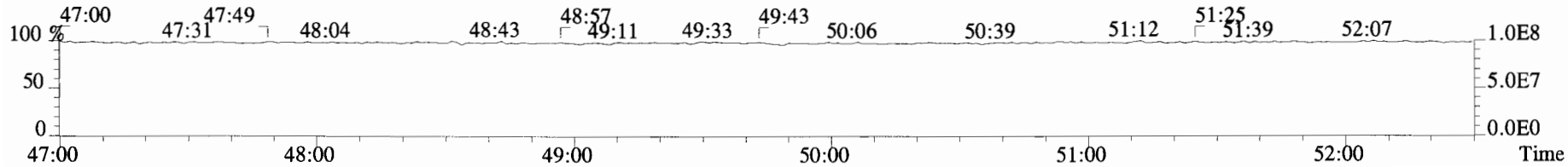
439.8038 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2048.0,0.00%,F,F)



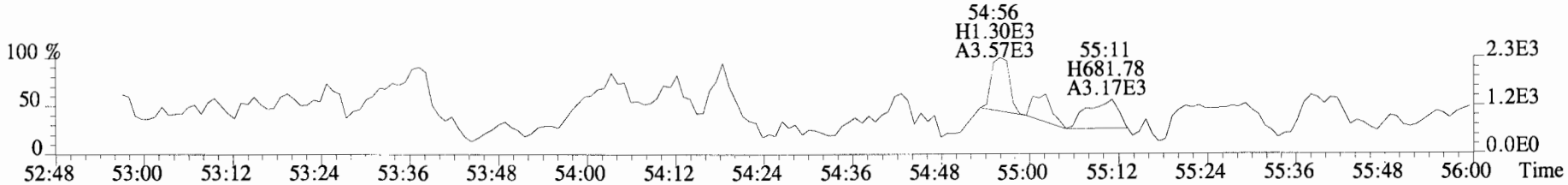
441.8008 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2168.0,0.00%,F,F)



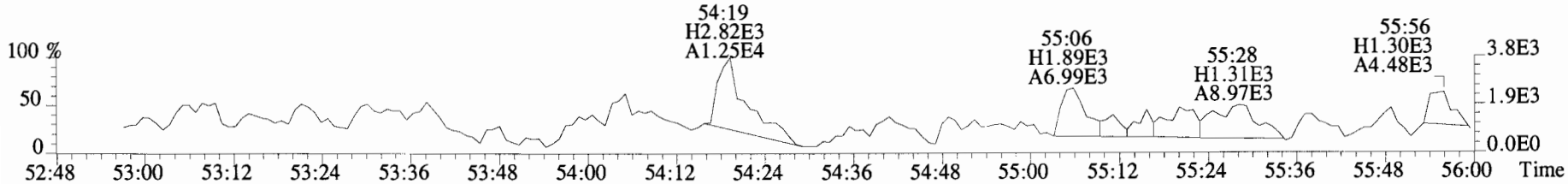
380.9760 S:2 F:4



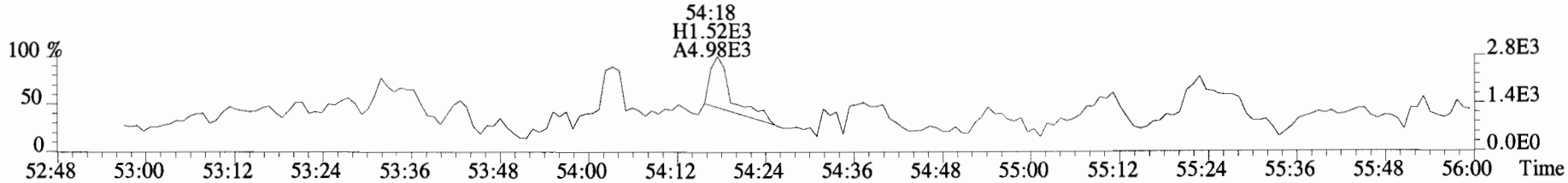
File:180303E1 #1-407 Acq: 3-MAR-2018 14:12:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1336.0,0.00%,F,F)



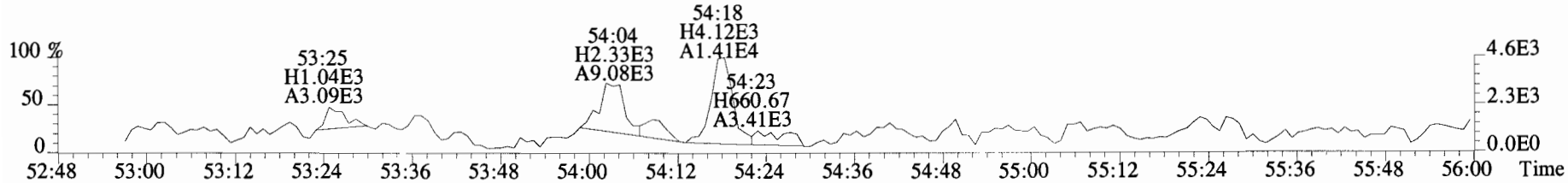
429.7606 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1612.0,0.00%,F,F)



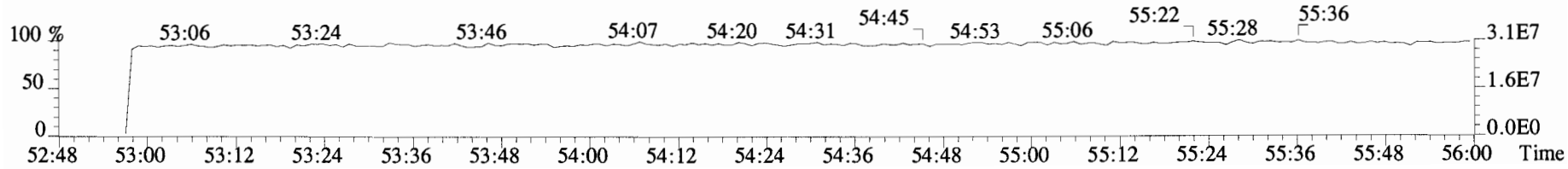
439.8038 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1396.0,0.00%,F,F)



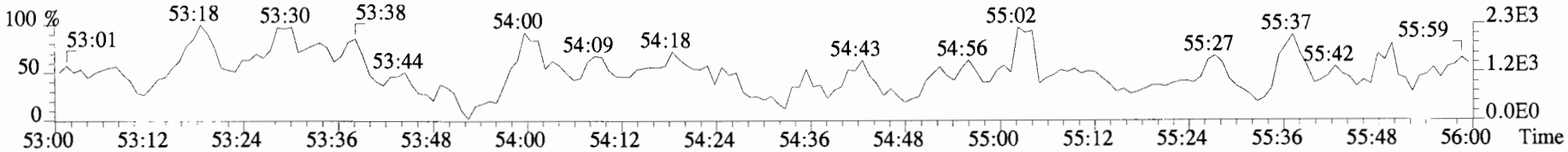
441.8008 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1272.0,0.00%,F,F)



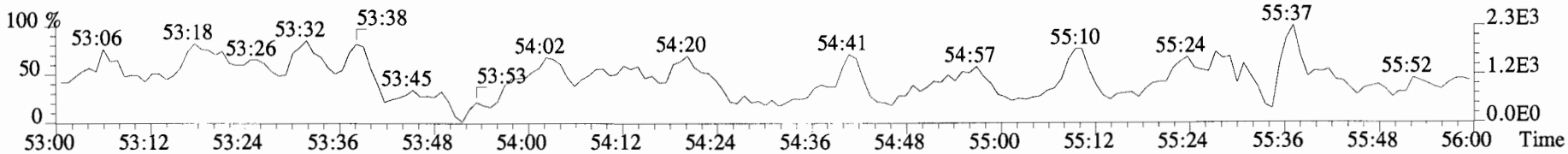
492.9697 S:2 F:5



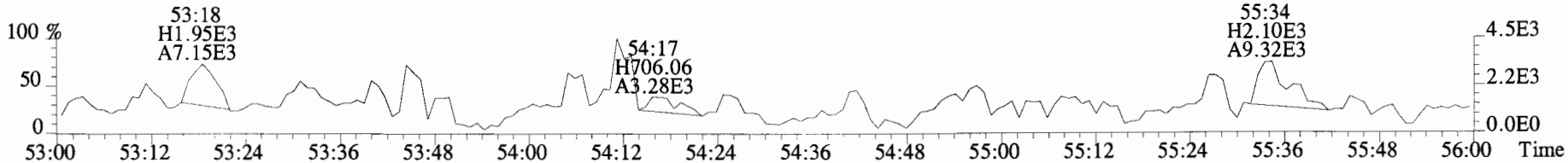
File:180303E1 #1-407 Acq: 3-MAR-2018 14:12:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
463.7216 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1448.0,0.00%,F,F)



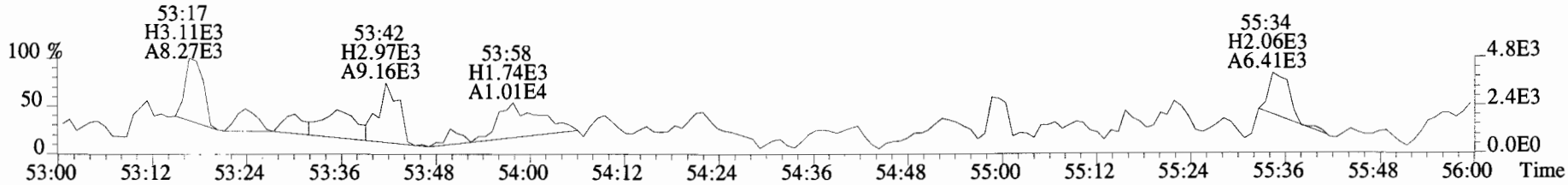
465.7186 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1380.0,0.00%,F,F)



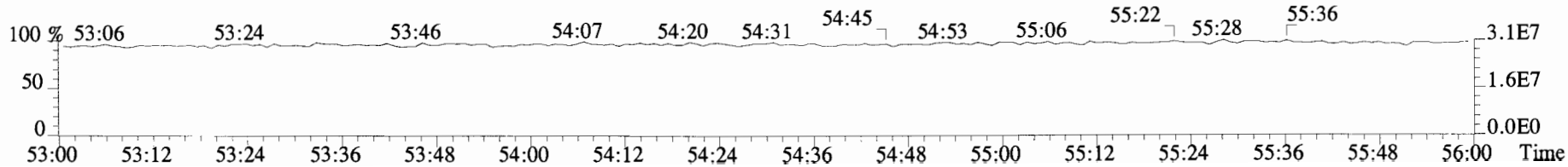
473.7648 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1604.0,0.00%,F,F)



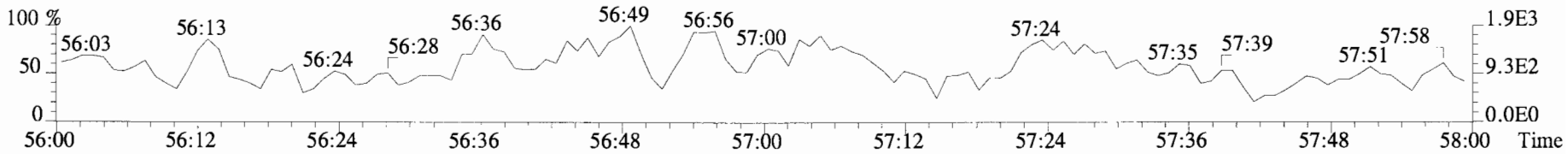
475.7619 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1712.0,0.00%,F,F)



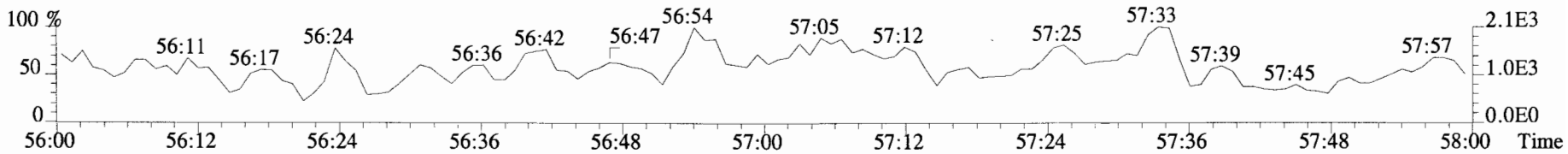
492.9697 S:2 F:5



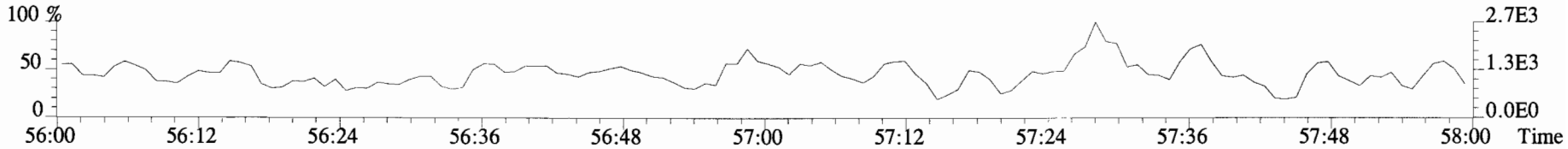
File:180303E1 #1-407 Acq: 3-MAR-2018 14:12:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
497.6826 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1324.0,0.00%,F,F)



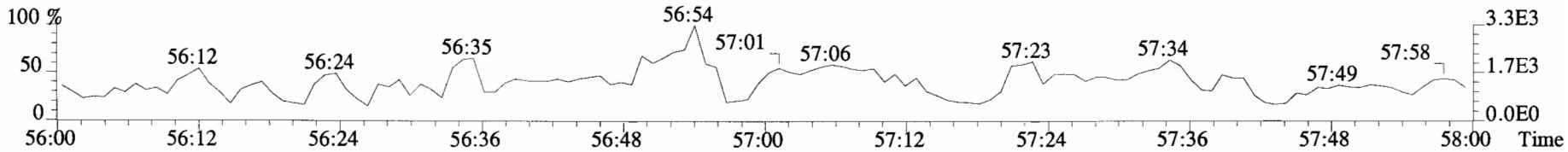
499.6797 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1476.0,0.00%,F,F)



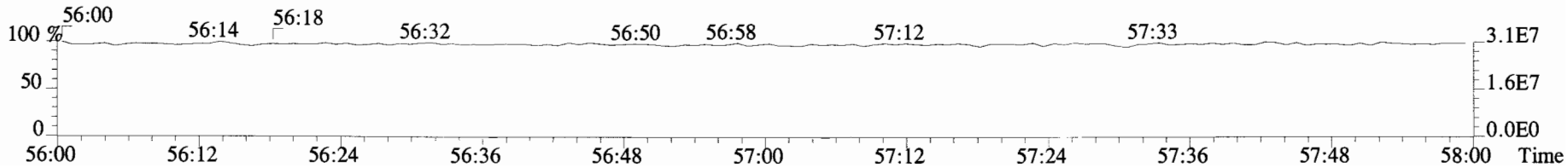
509.7229 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1500.0,0.00%,F,F)



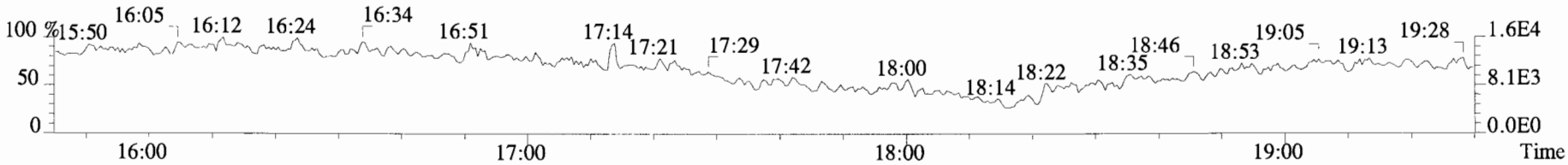
511.7199 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1568.0,0.00%,F,F)



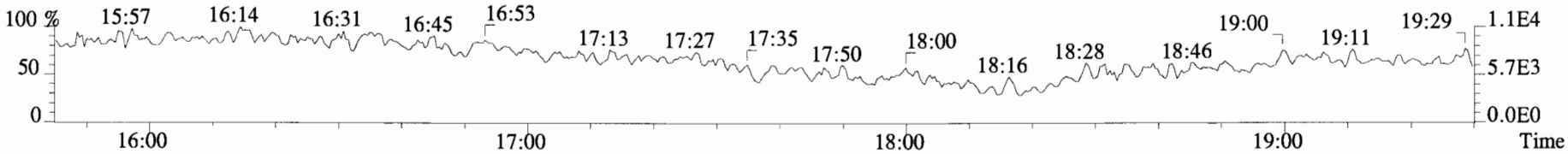
492.9697 S:2 F:5



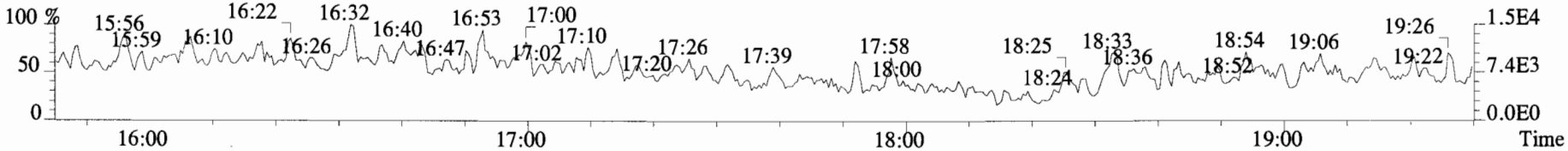
File:180303E1 #1-867 Acq: 4-MAR-2018 01:03:31 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
188.0393 S:12 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14200.0,0.00%,F,F)



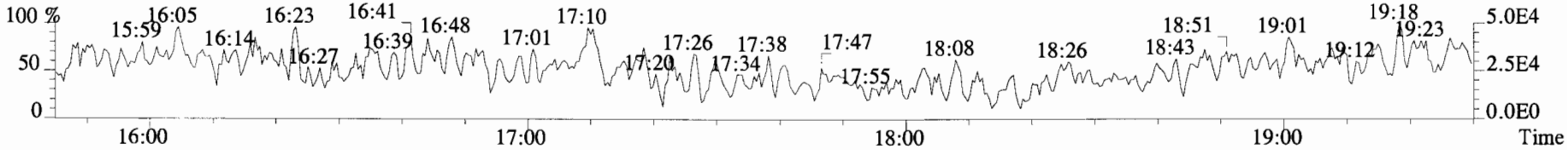
190.0363 S:12 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9712.0,0.00%,F,F)



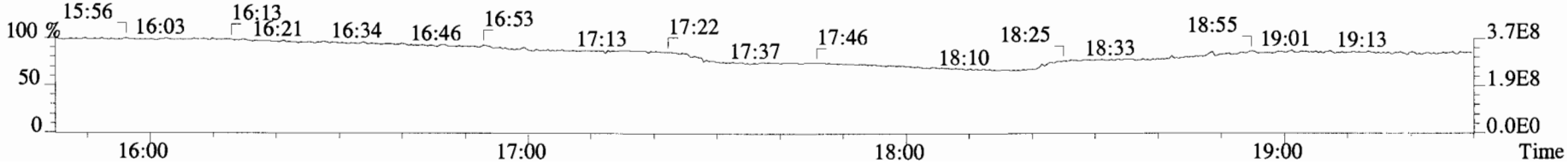
200.0795 S:12 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9908.0,0.00%,F,F)



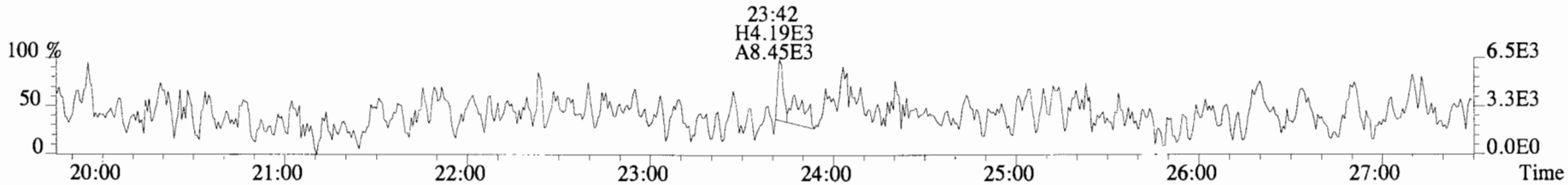
202.0766 S:12 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,34900.0,0.00%,F,F)



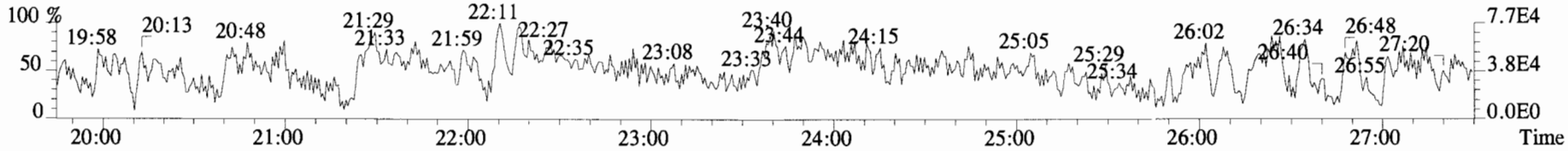
180.9880 S:12



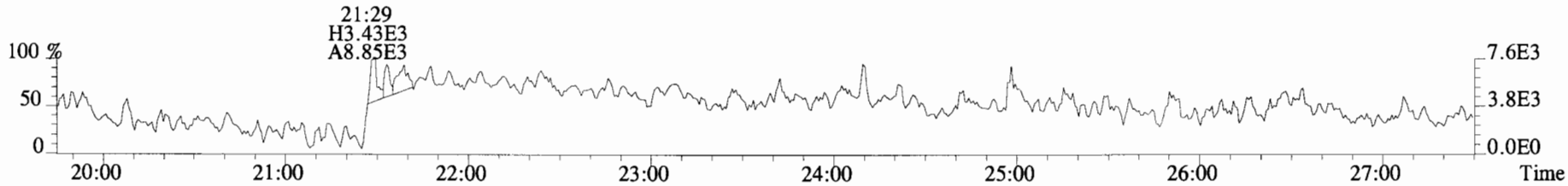
File:180303E1 #1-757 Acq: 4-MAR-2018 01:03:31 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
222.0003 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3604.0,0.00%,F,F)



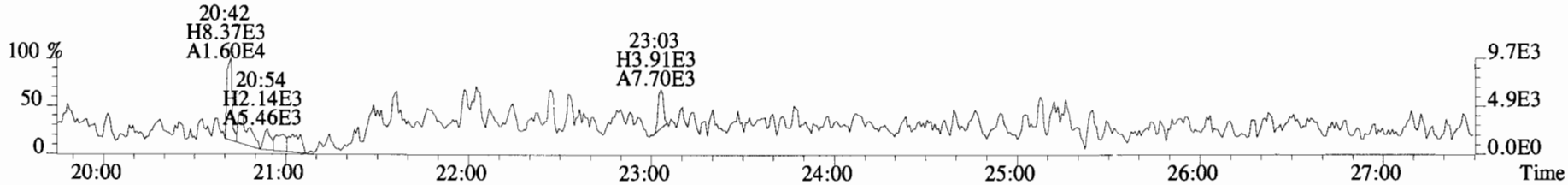
223.9974 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50788.0,0.00%,F,F)



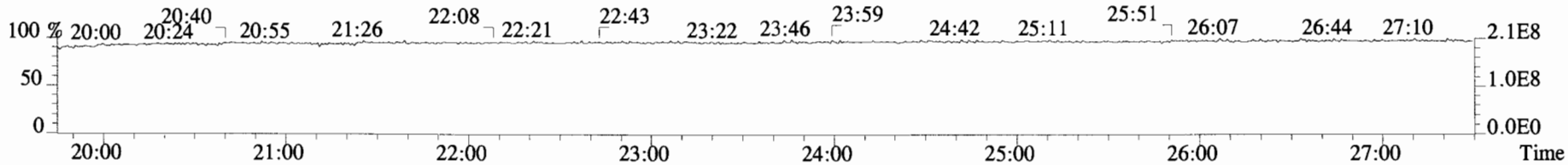
234.0406 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5184.0,0.00%,F,F)



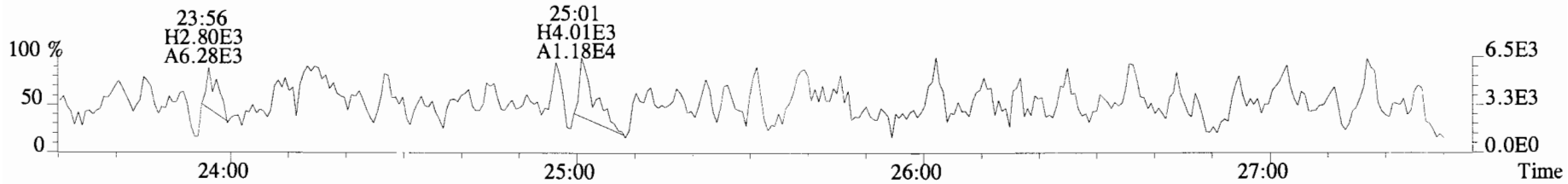
236.0376 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3828.0,0.00%,F,F)



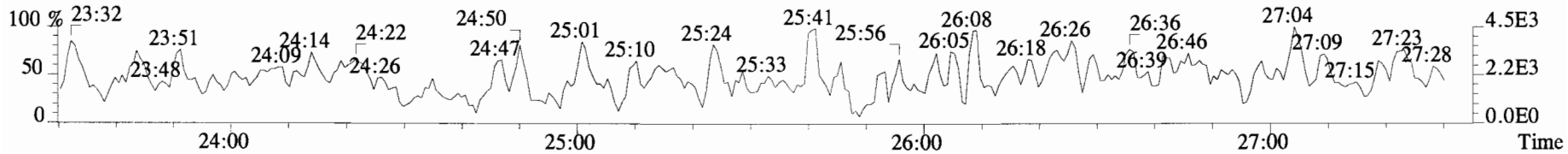
230.9856 S:12 F:2



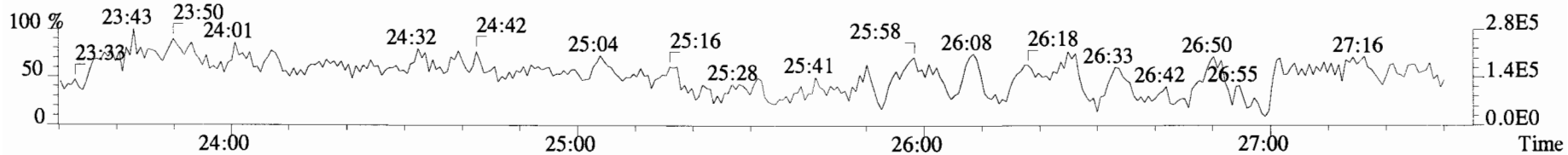
File:180303E1 #1-757 Acq: 4-MAR-2018 01:03:31 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4484.0,0.00%,F,F)



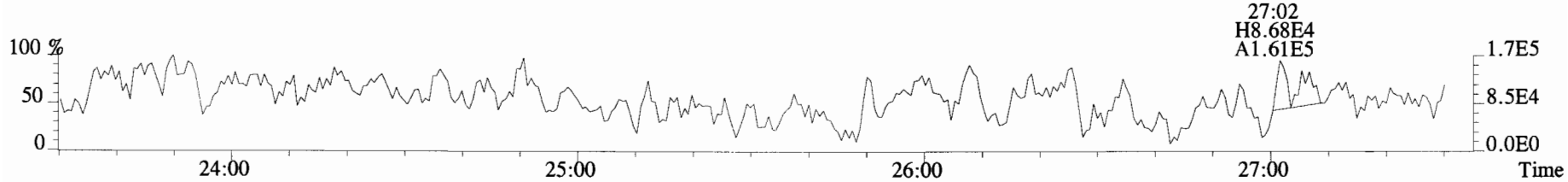
257.9584 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2848.0,0.00%,F,F)



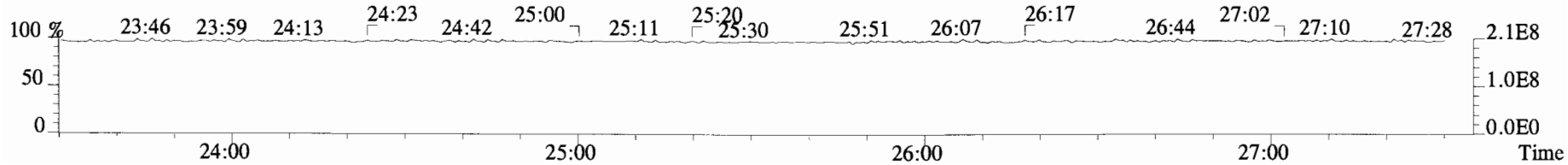
268.0016 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,191712.0,0.00%,F,F)



269.9986 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,125108.0,0.00%,F,F)

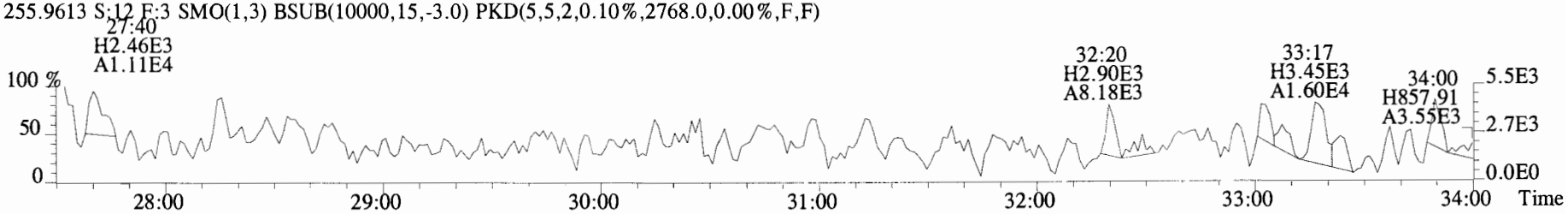


230.9856 S:12 F:2

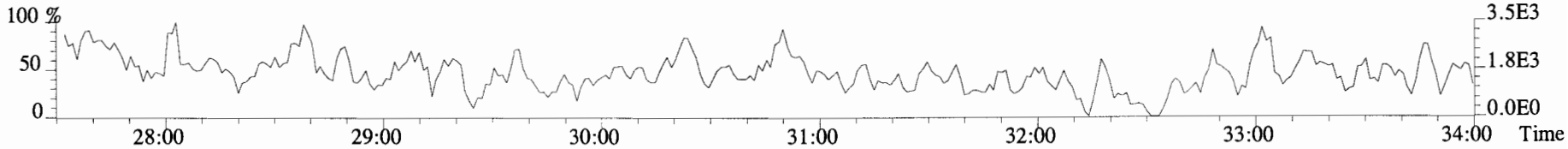


File:180303E1 #1-756 Acq: 4-MAR-2018 01:03:31 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1

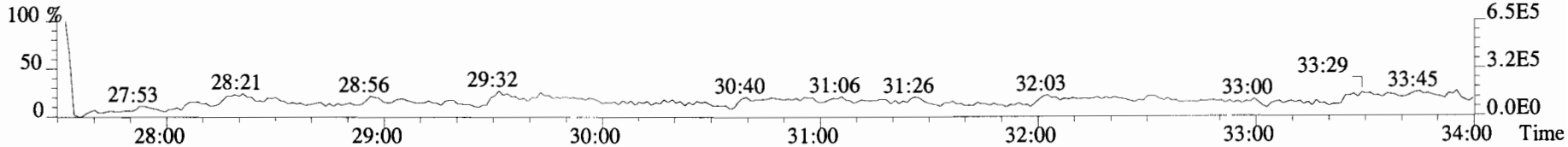
255.9613 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2768.0,0.00%,F,F)



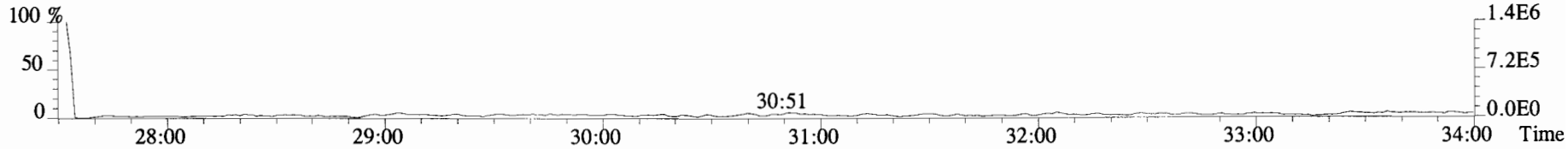
257.9584 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2020.0,0.00%,F,F)



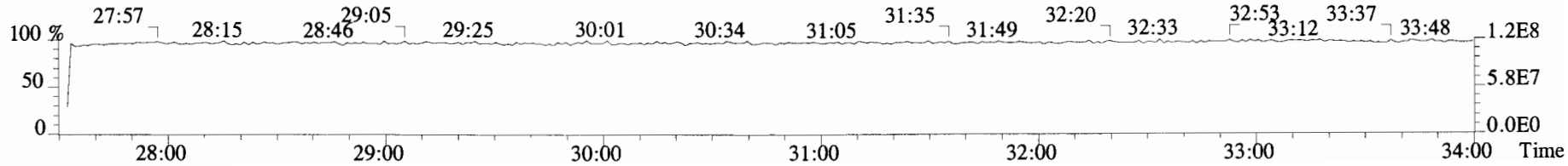
268.0016 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,138580.0,0.00%,F,F)



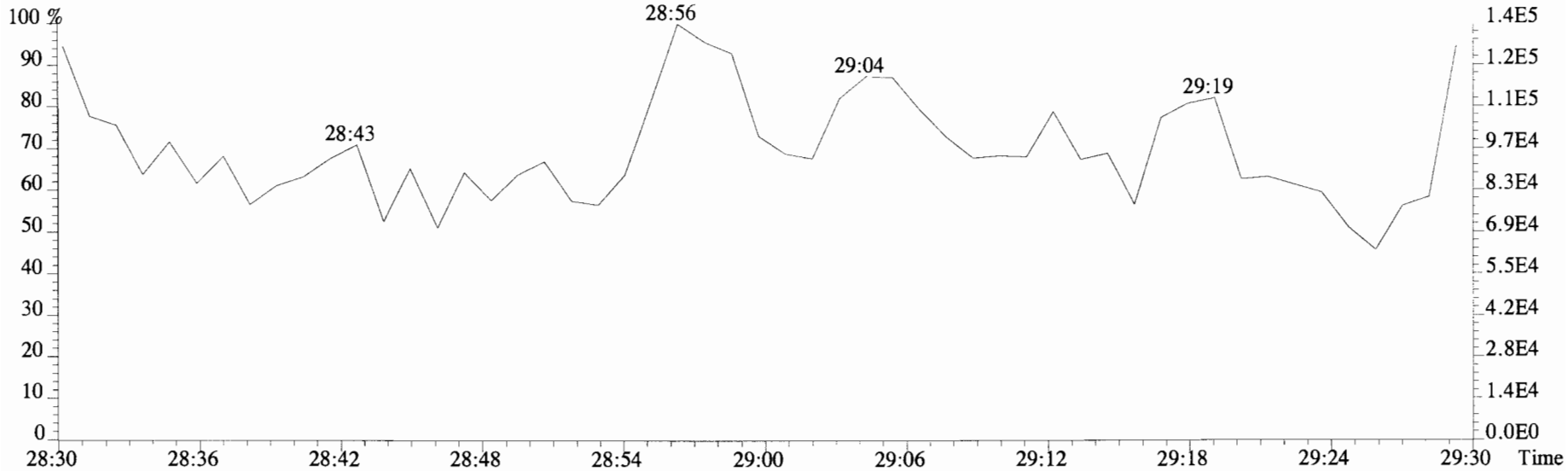
269.9986 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,54900.0,0.00%,F,F)



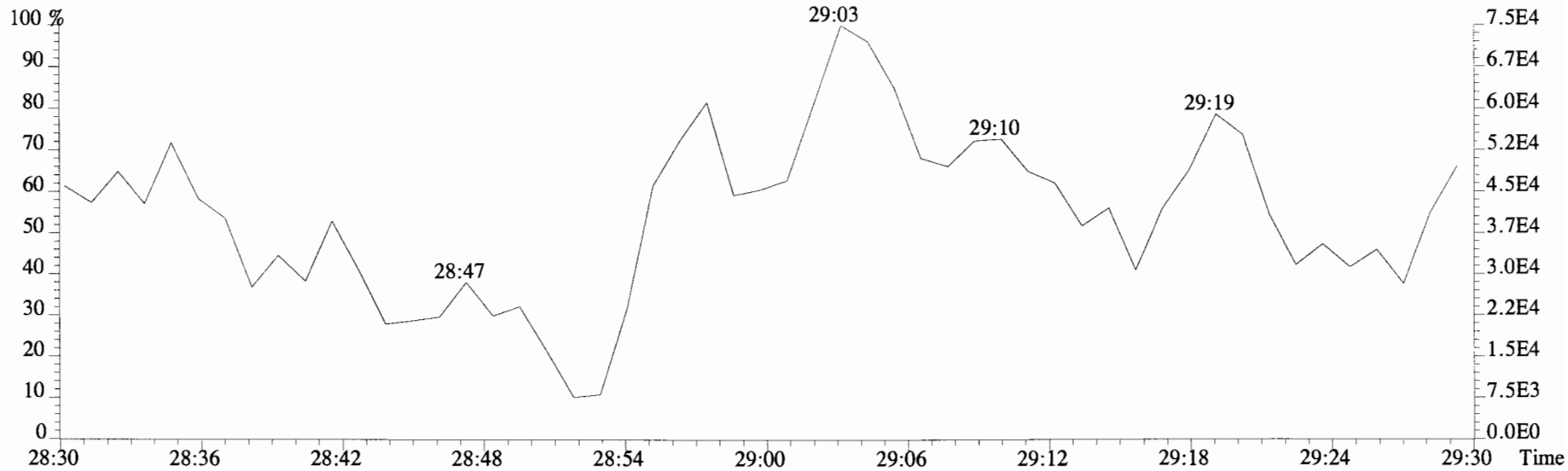
330.9792 S:12 F:3



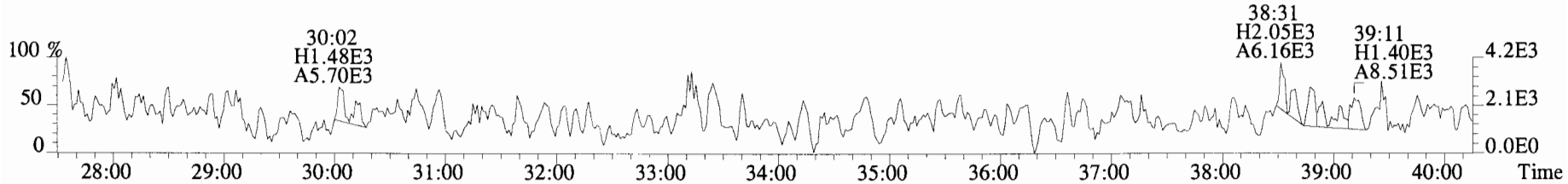
File:180303E1 #1-756 Acq: 4-MAR-2018 01:03:31 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
268.0016 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,138580.0,0.00%,F,F)



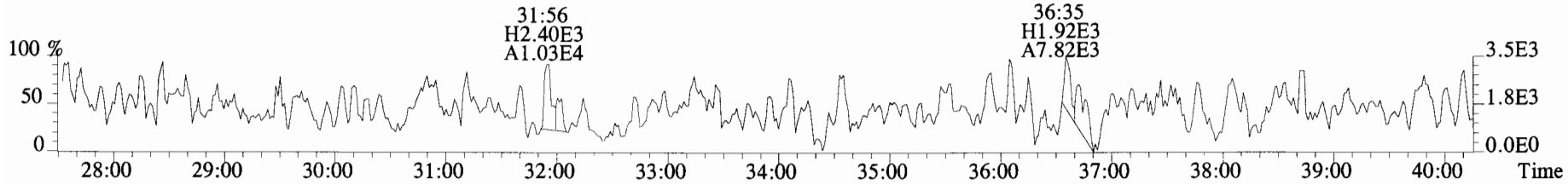
269.9986 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,54900.0,0.00%,F,F)



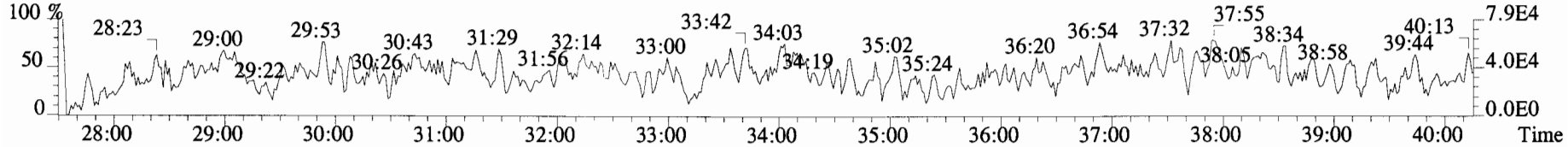
File:180303E1 #1-756 Acq: 4-MAR-2018 01:03:31 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2068.0,0.00%,F,F)



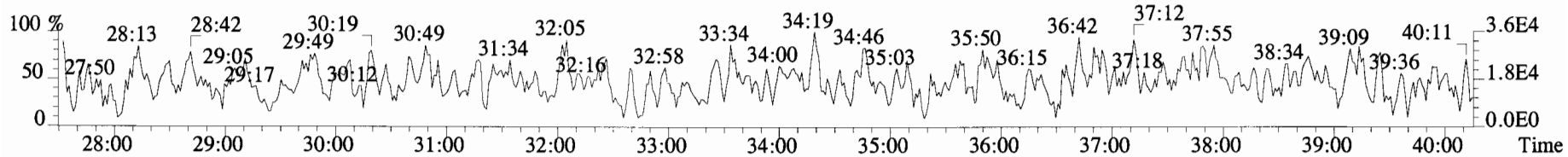
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2128.0,0.00%,F,F)



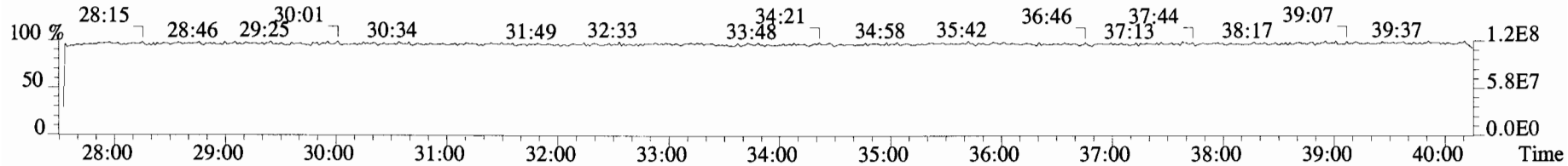
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,44592.0,0.00%,F,F)



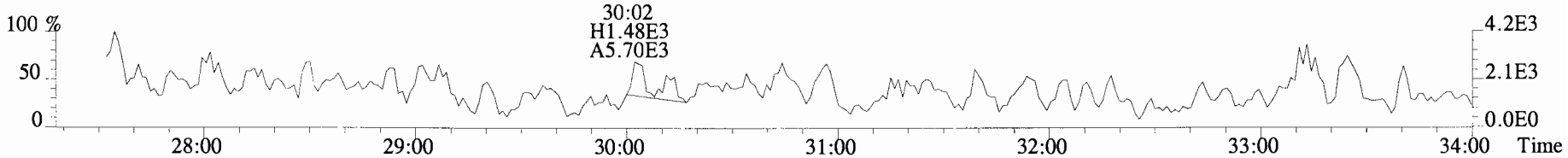
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22132.0,0.00%,F,F)



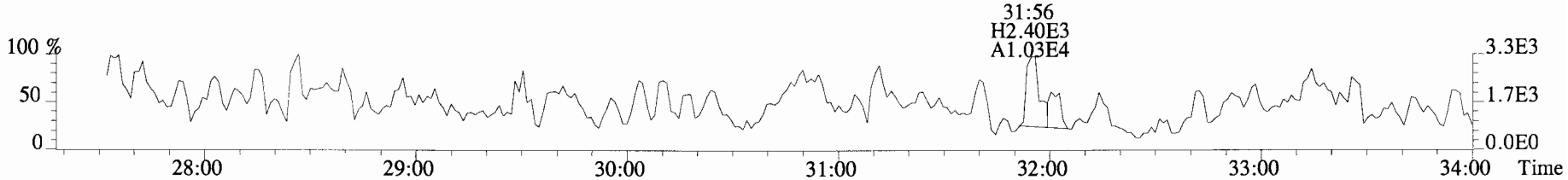
330.9792 S:12 F:3



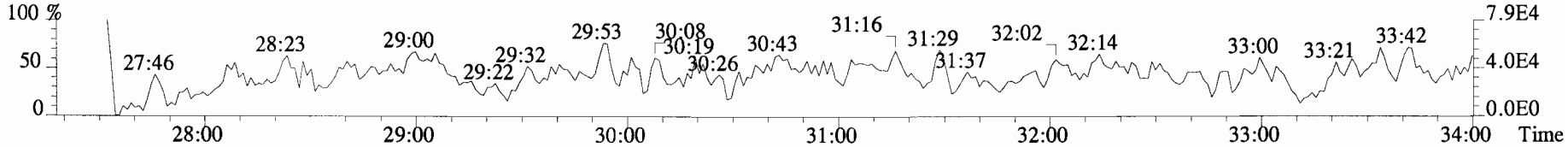
File:180303E1 #1-756 Acq: 4-MAR-2018 01:03:31 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2068.0,0.00%,F,F)



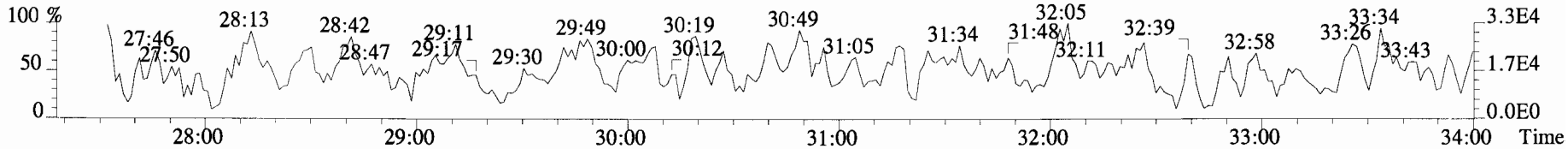
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2128.0,0.00%,F,F)



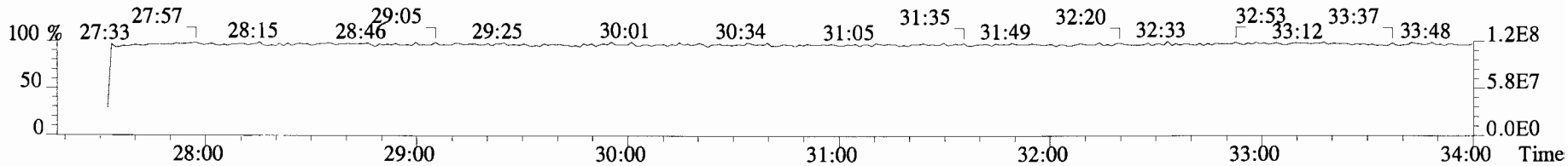
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,44592.0,0.00%,F,F)



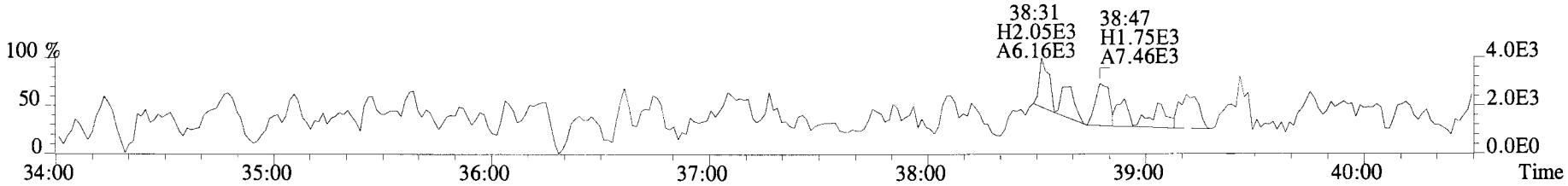
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22132.0,0.00%,F,F)



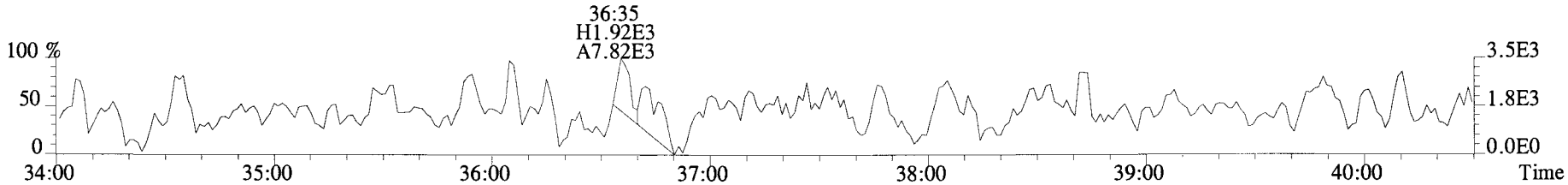
330.9792 S:12 F:3



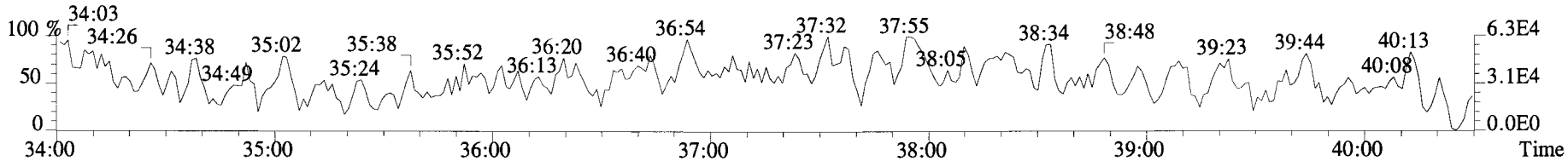
File:180303E1 #1-756 Acq: 4-MAR-2018 01:03:31 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2068.0,0.00%,F,F)



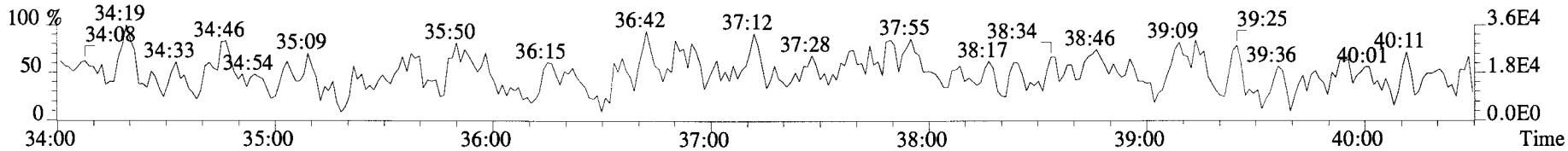
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2128.0,0.00%,F,F)



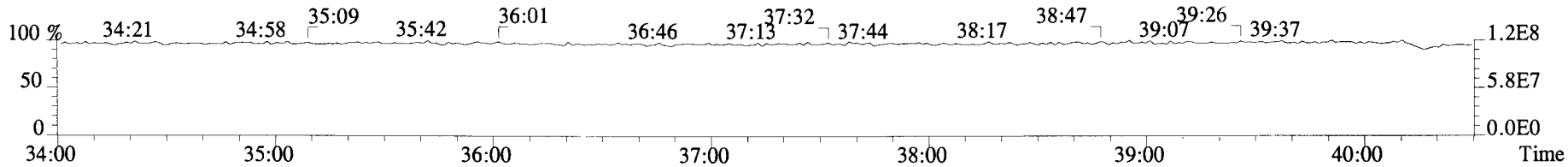
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,44592.0,0.00%,F,F)



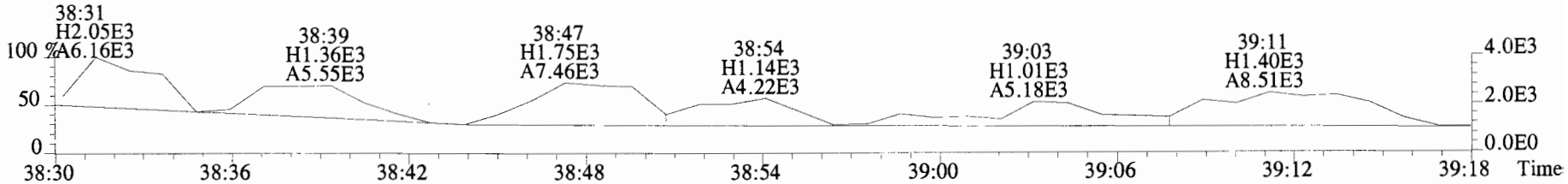
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22132.0,0.00%,F,F)



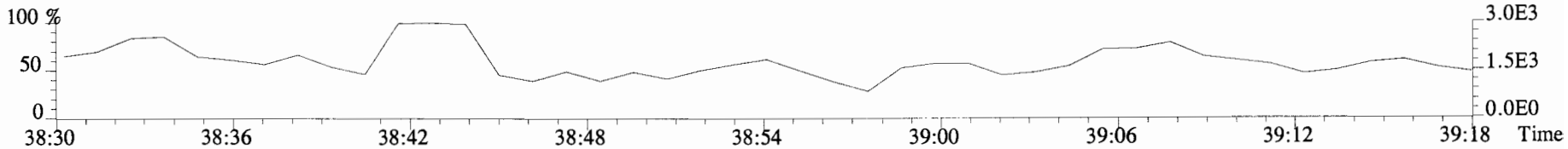
330.9792 S:12 F:3



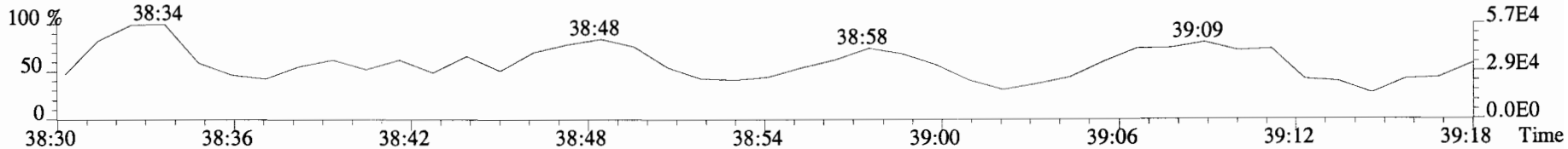
File:180303E1 #1-756 Acq: 4-MAR-2018 01:03:31 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2068.0,0.00%,F,F)



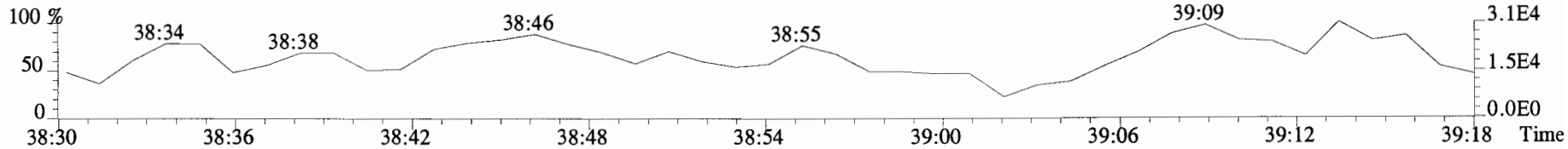
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2128.0,0.00%,F,F)



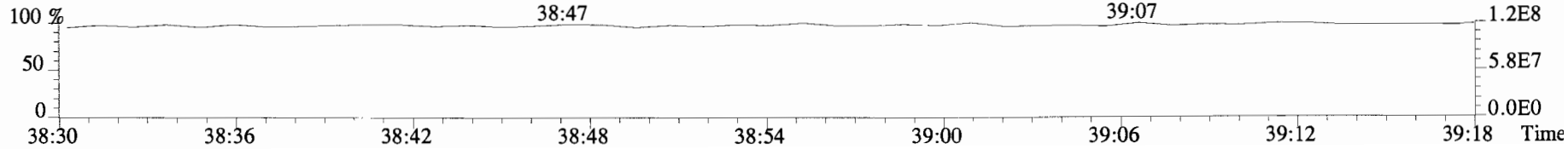
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,44592.0,0.00%,F,F)



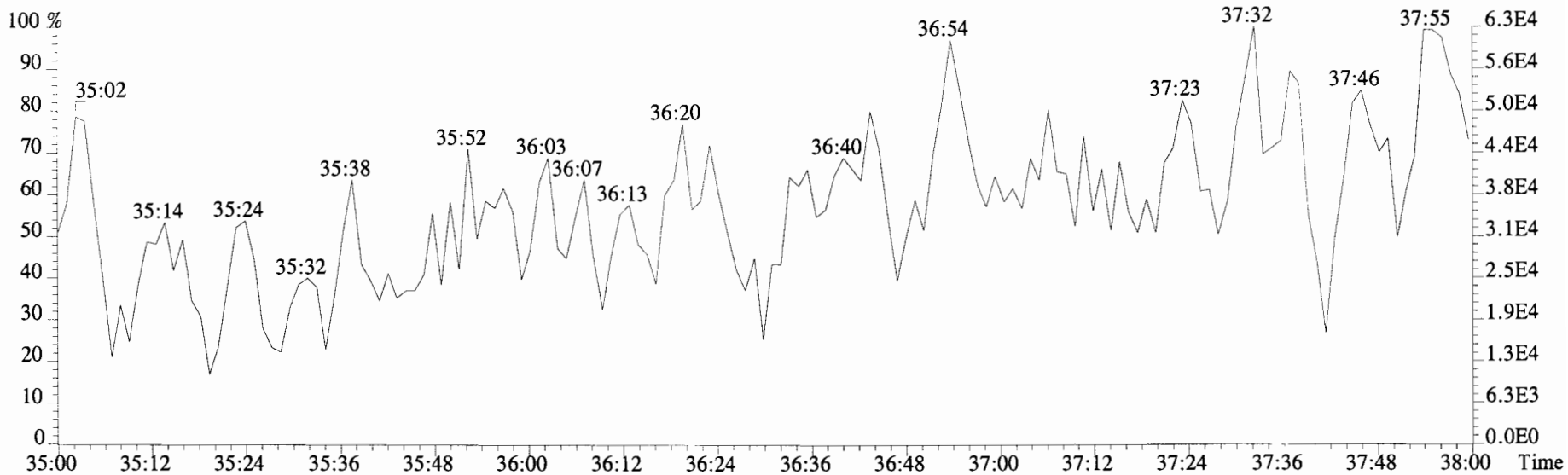
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22132.0,0.00%,F,F)



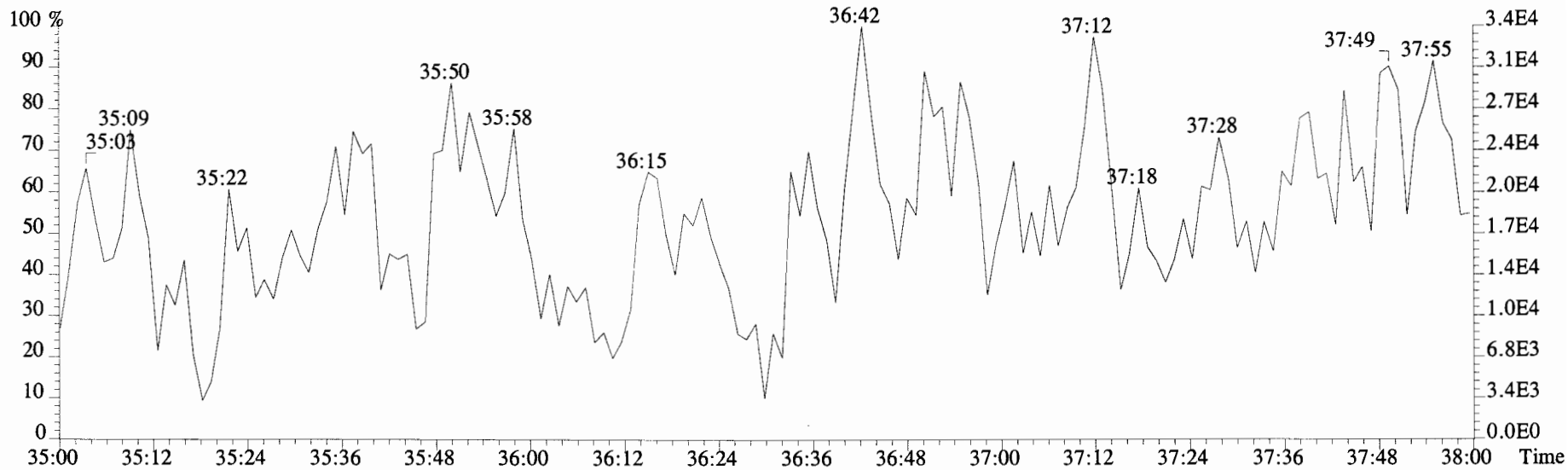
330.9792 S:12 F:3



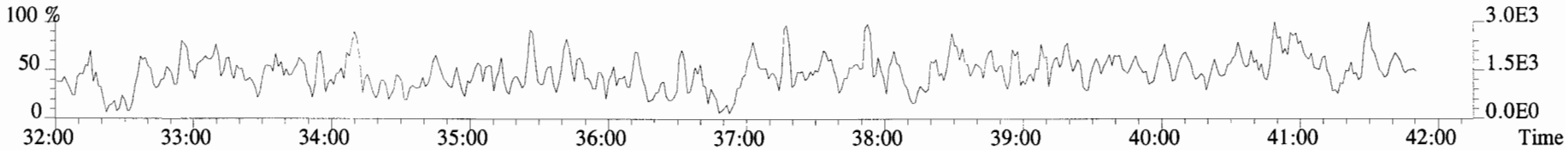
File:180303E1 #1-756 Acq: 4-MAR-2018 01:03:31 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,44592.0,0.00%,F,F)



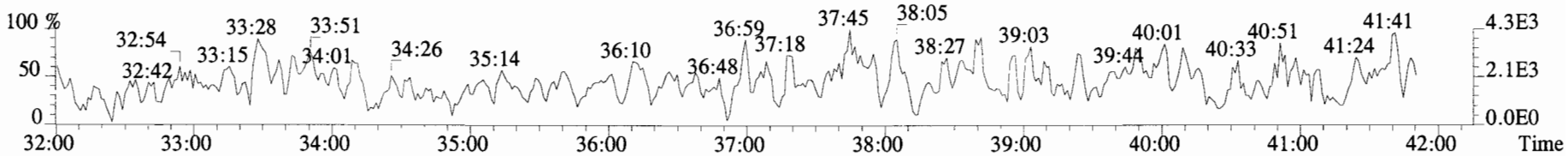
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22132.0,0.00%,F,F)



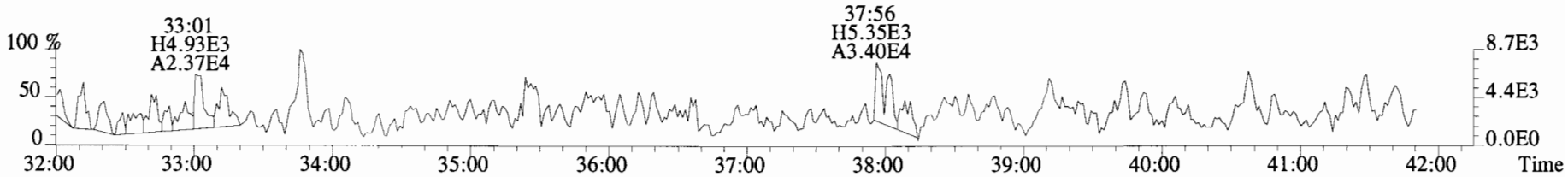
File:180303E1 #1-756 Acq: 4-MAR-2018 01:03:31 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1936.0,0.00%,F,F)



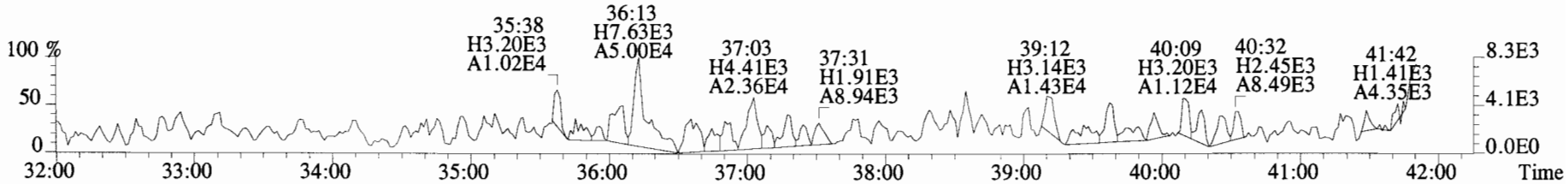
327.8775 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2520.0,0.00%,F,F)



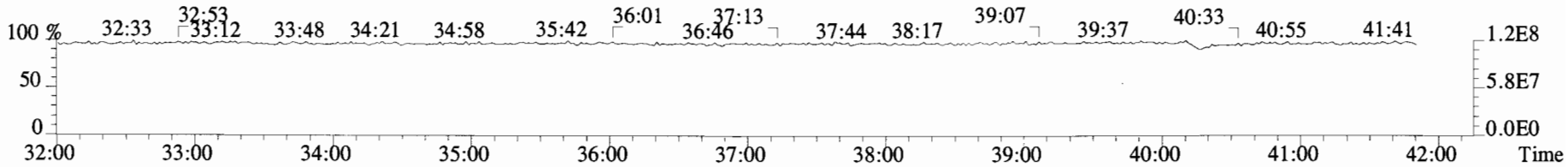
337.9207 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3792.0,0.00%,F,F)



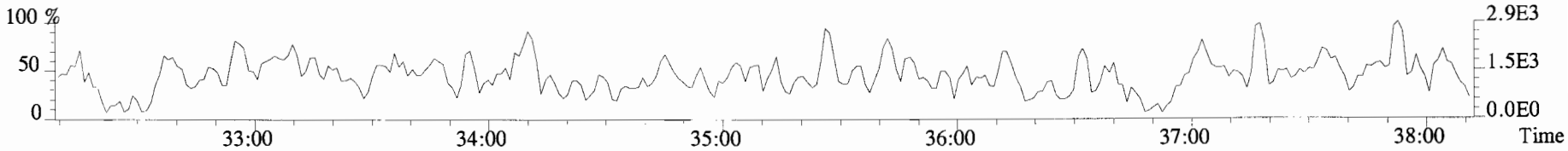
339.9177 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2556.0,0.00%,F,F)



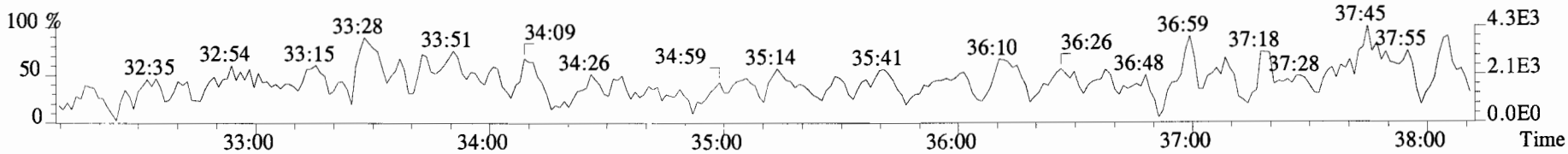
330.9792 S:12 F:3



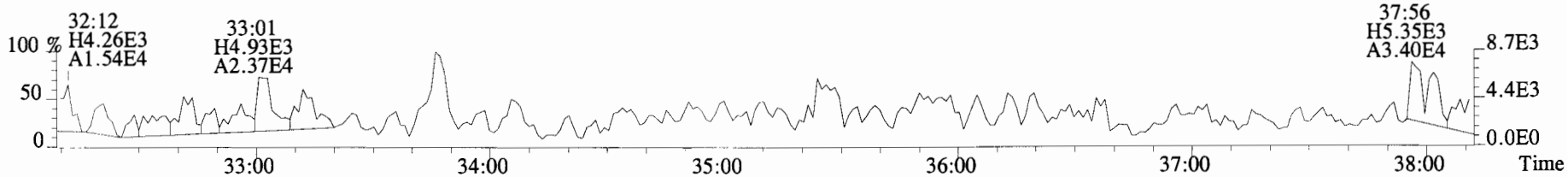
File:180303E1 #1-756 Acq: 4-MAR-2018 01:03:31 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1936.0,0.00%,F,F)



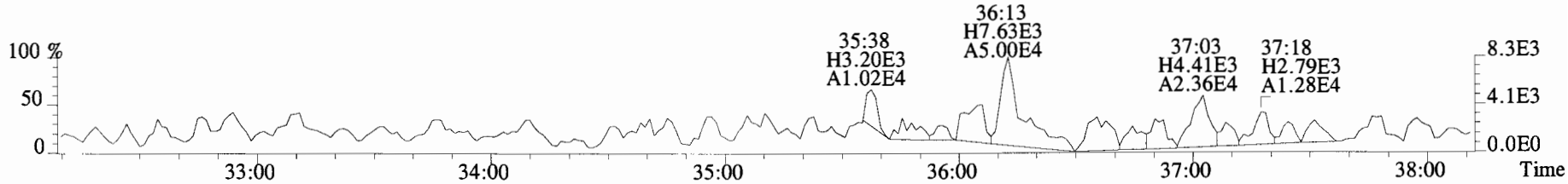
327.8775 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2520.0,0.00%,F,F)



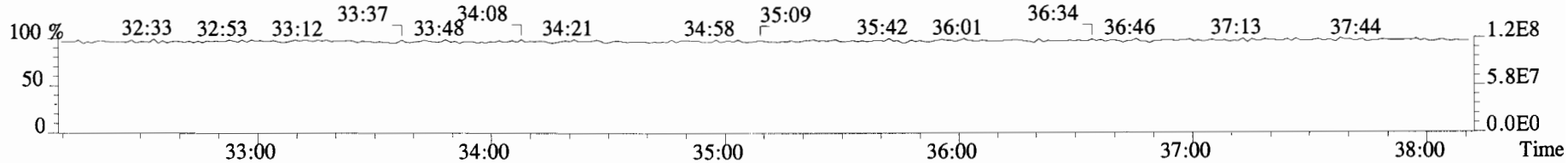
337.9207 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3792.0,0.00%,F,F)



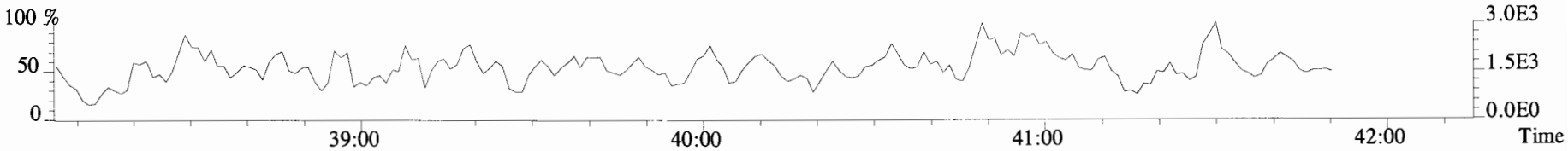
339.9177 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2556.0,0.00%,F,F)



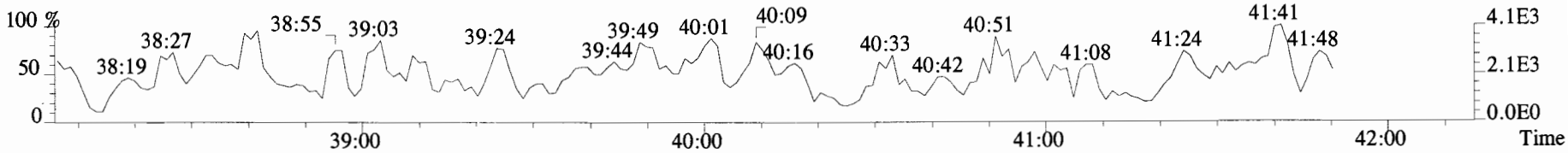
330.9792 S:12 F:3



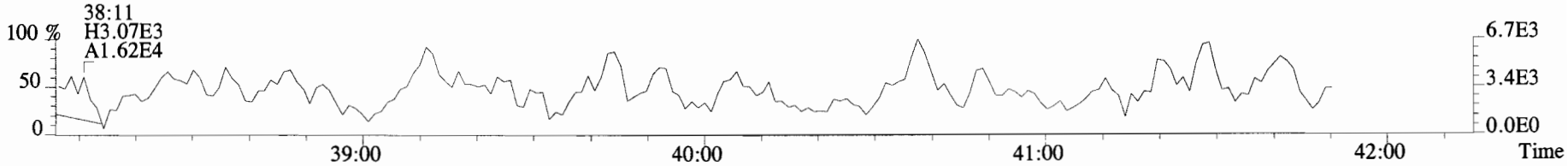
File:180303E1 #1-756 Acq: 4-MAR-2018 01:03:31 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1936.0,0.00%,F,F)



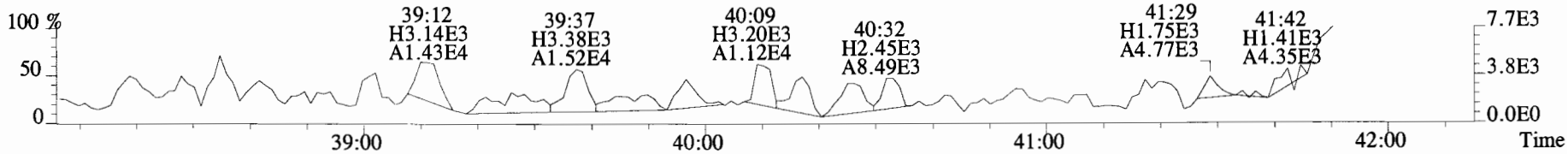
327.8775 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2520.0,0.00%,F,F)



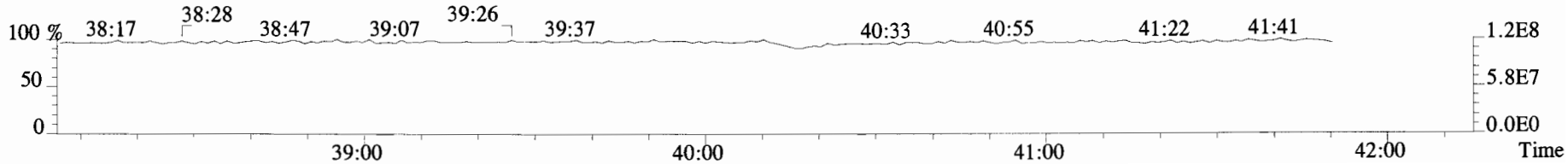
337.9207 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3792.0,0.00%,F,F)



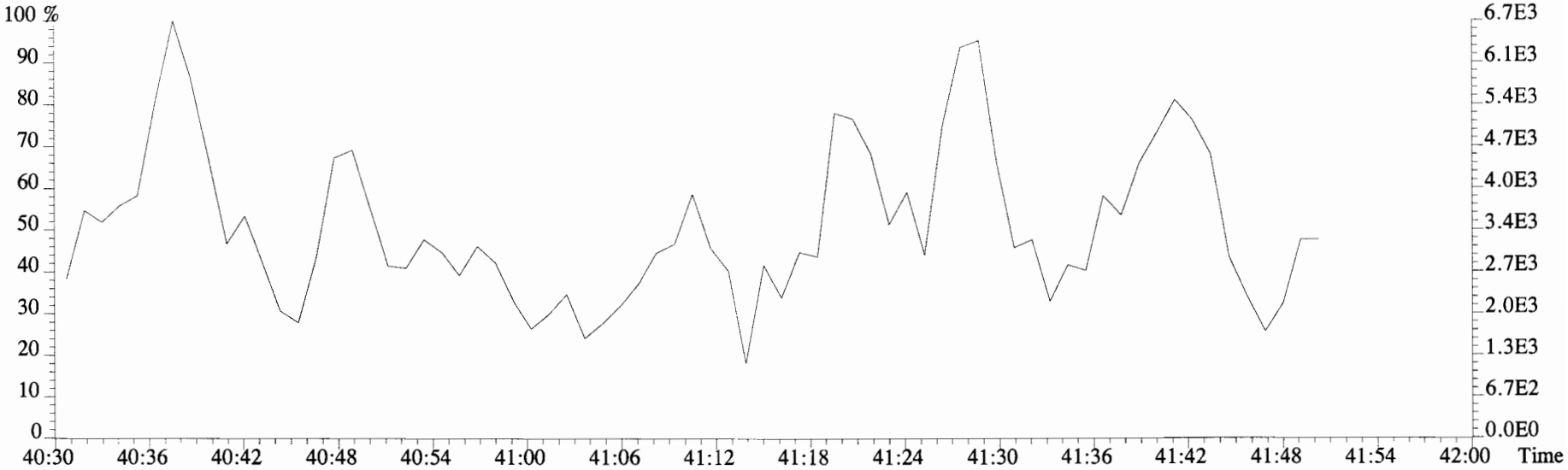
339.9177 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2556.0,0.00%,F,F)



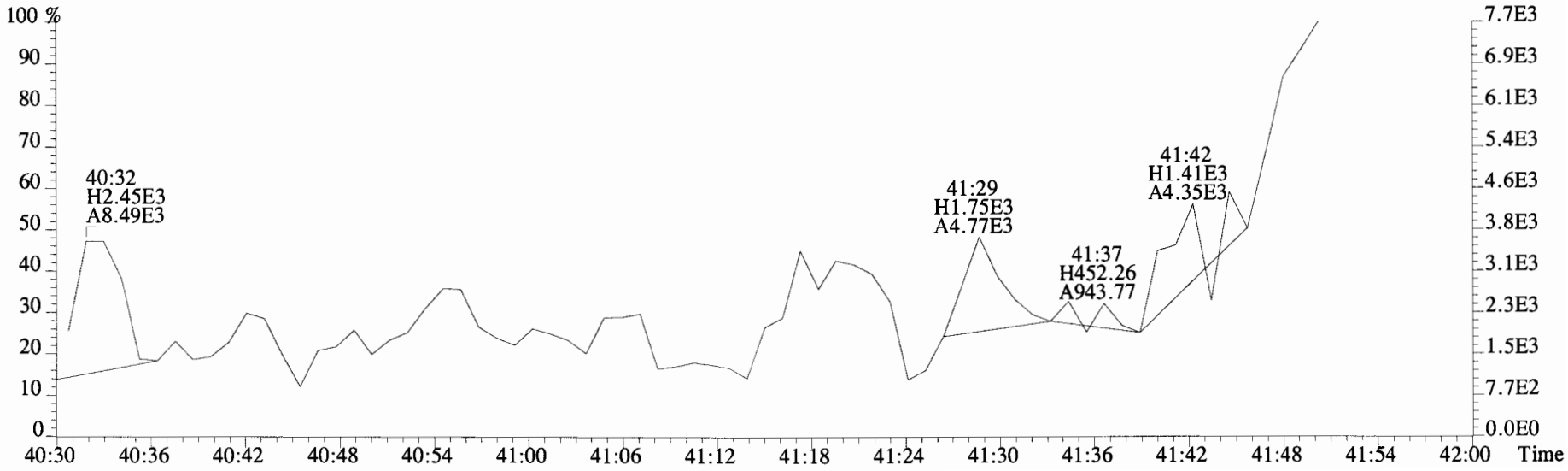
330.9792 S:12 F:3



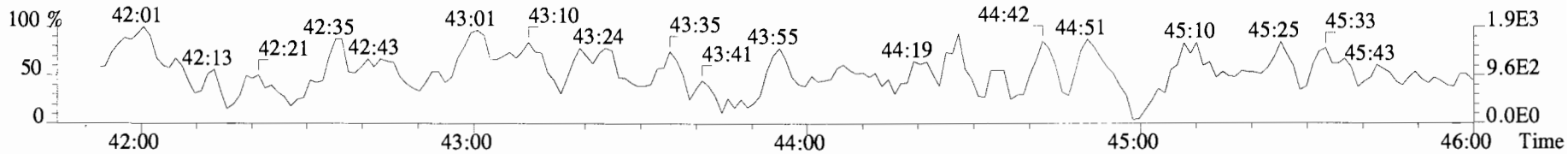
File:180303E1 #1-756 Acq: 4-MAR-2018 01:03:31 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
337.9207 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3792.0,0.00%,F,F)



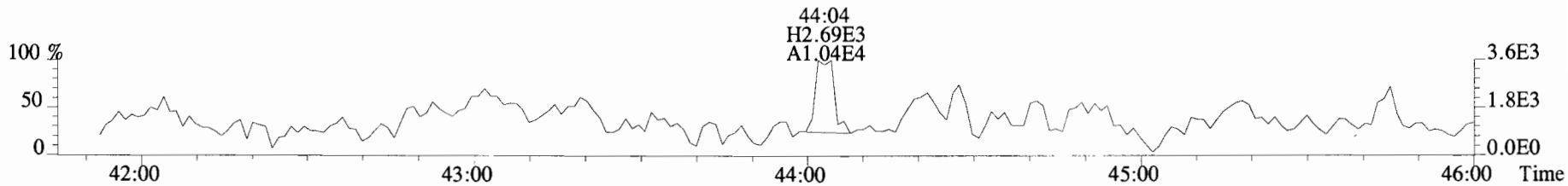
339.9177 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2556.0,0.00%,F,F)



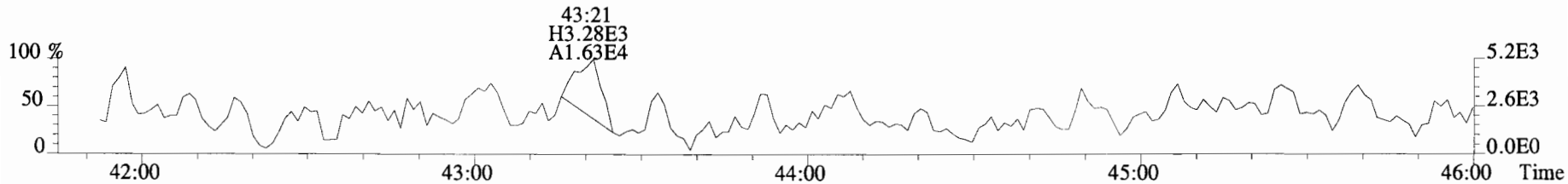
File:180303E1 #1-574 Acq: 4-MAR-2018 01:03:31 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1320.0,0.00%,F,F)



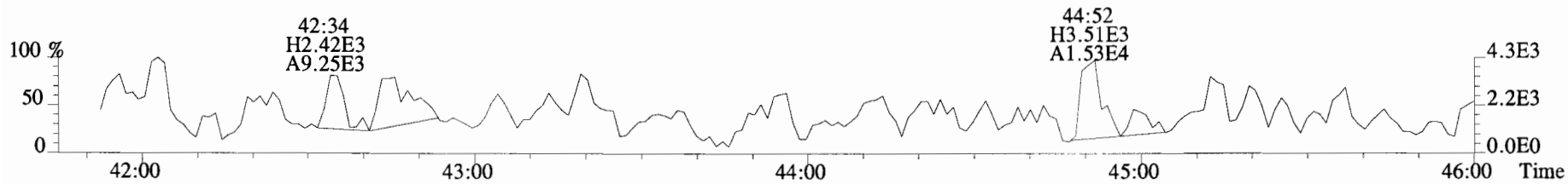
327.8775 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1576.0,0.00%,F,F)



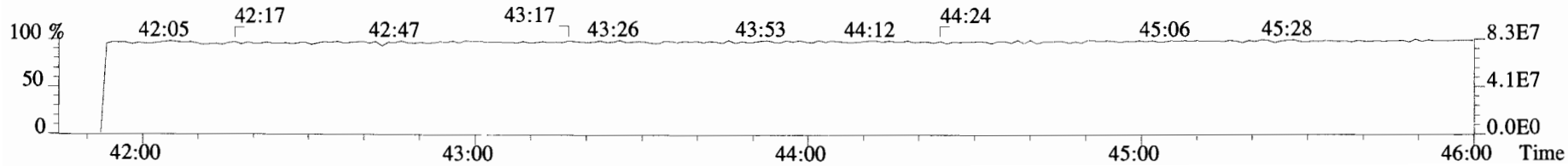
337.9207 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2516.0,0.00%,F,F)



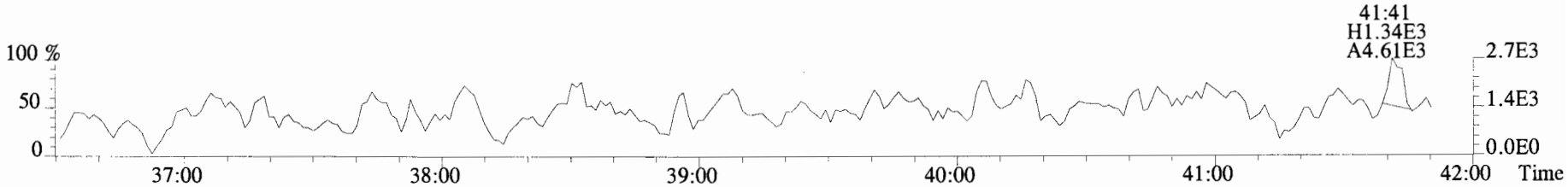
339.9177 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2120.0,0.00%,F,F)



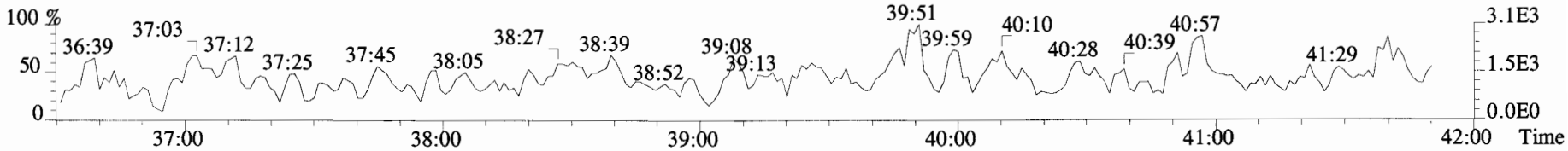
380.9760 S:12 F:4



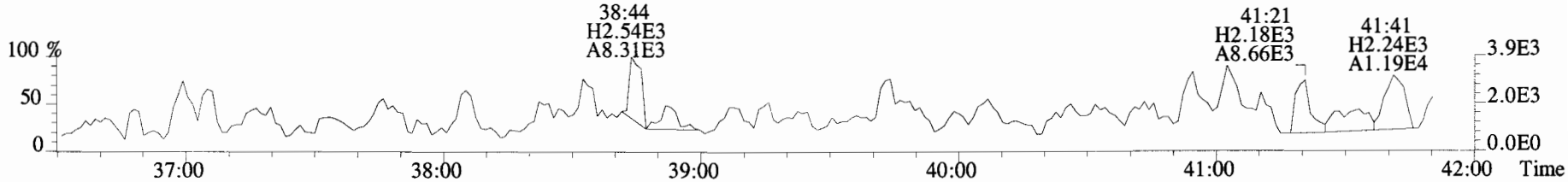
File:180303E1 #1-756 Acq: 4-MAR-2018 01:03:31 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1620.0,0.00%,F,F)



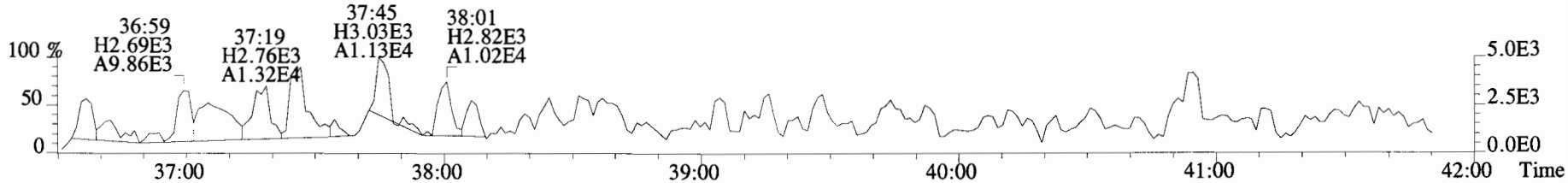
361.8385 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1636.0,0.00%,F,F)



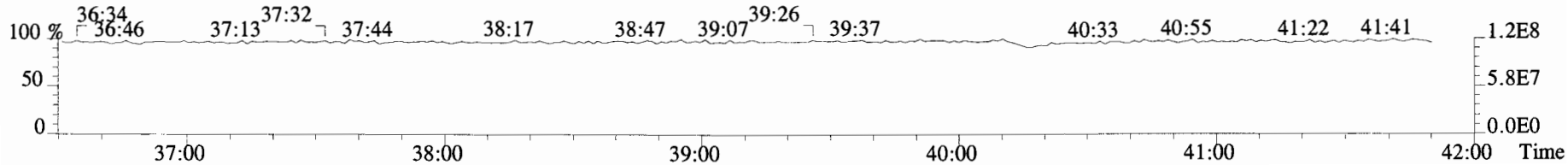
371.8817 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1732.0,0.00%,F,F)



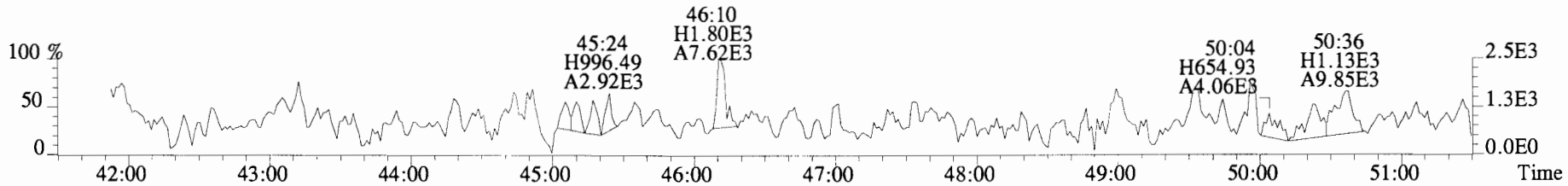
373.8788 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2012.0,0.00%,F,F)



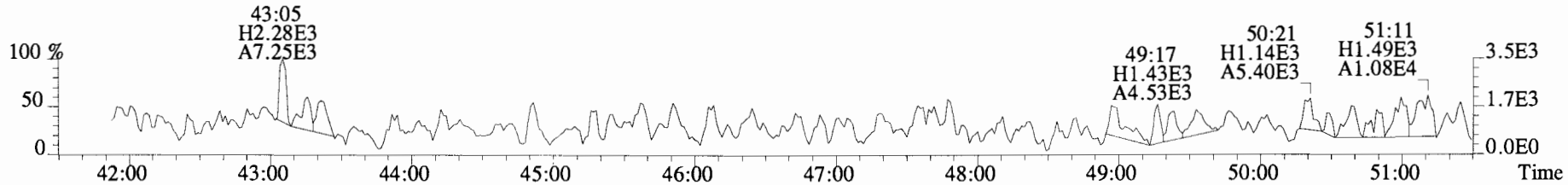
330.9792 S:12 F:3



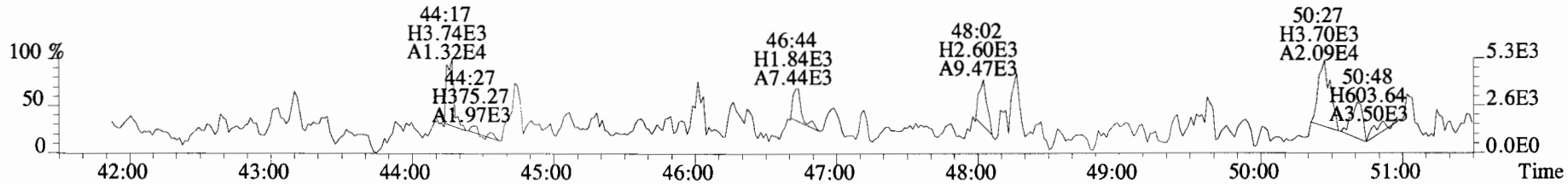
File:180303E1 #1-574 Acq: 4-MAR-2018 01:03:31 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1164.0,0.00%,F,F)



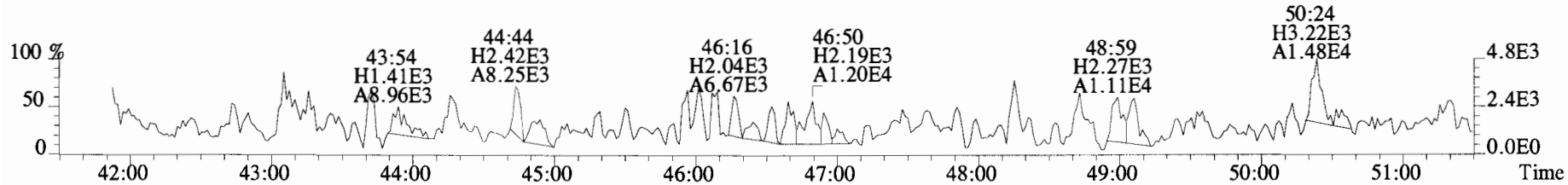
361.8385 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1380.0,0.00%,F,F)



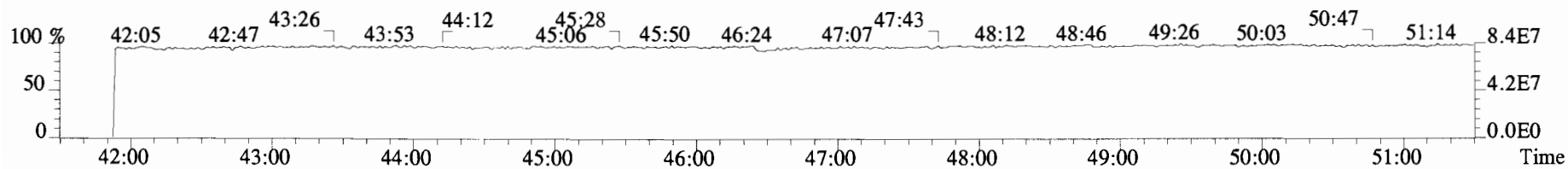
371.8817 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1756.0,0.00%,F,F)



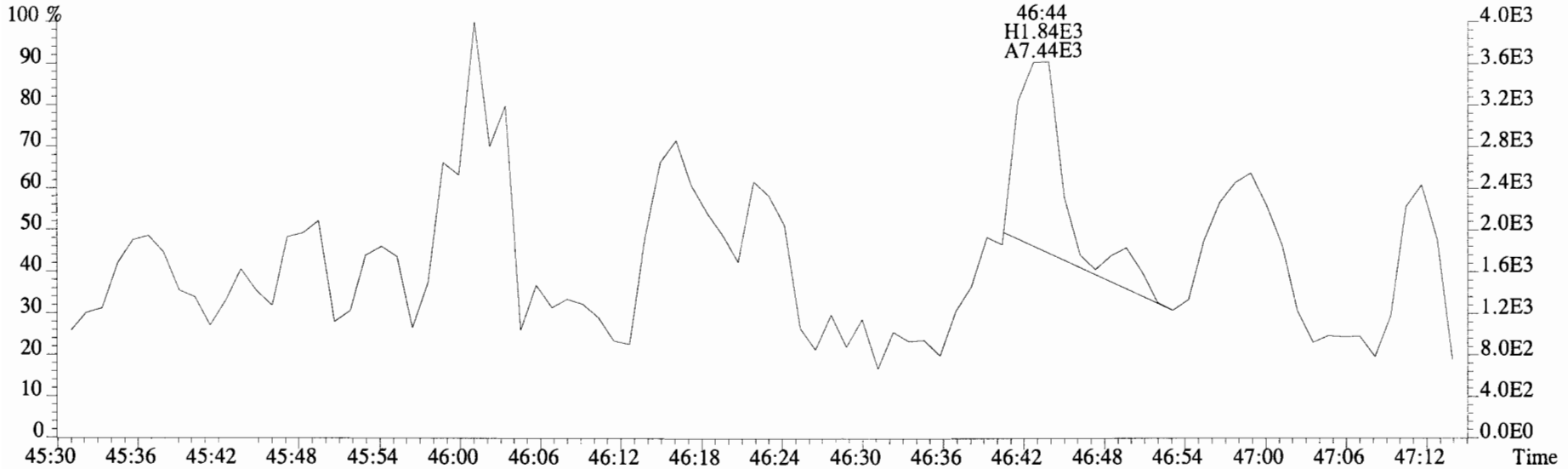
373.8788 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1724.0,0.00%,F,F)



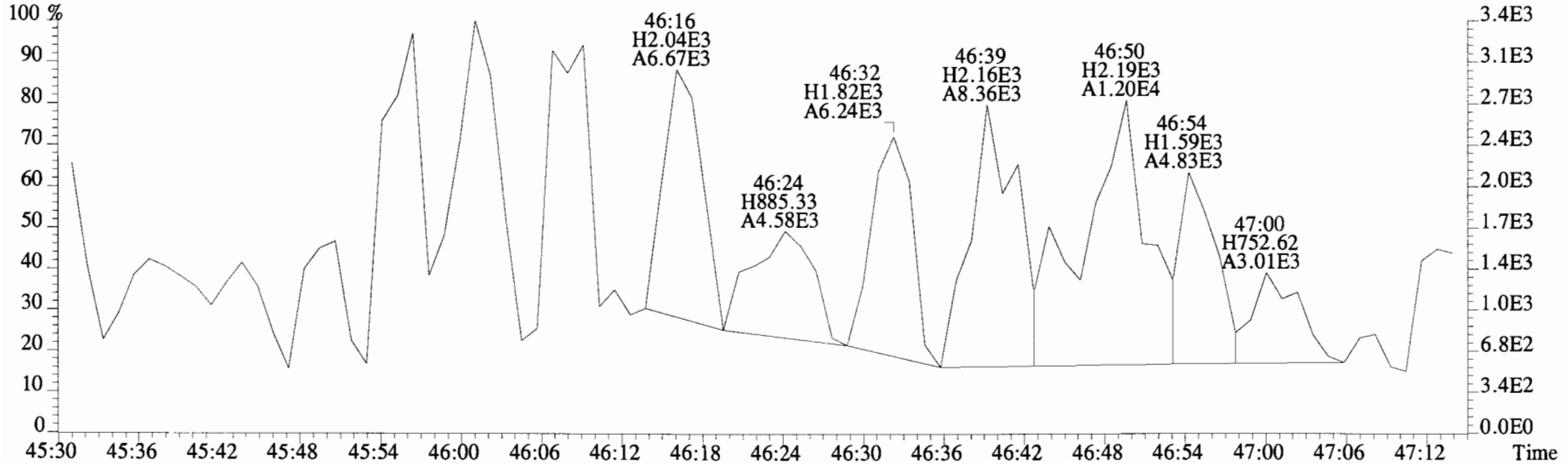
380.9760 S:12 F:4



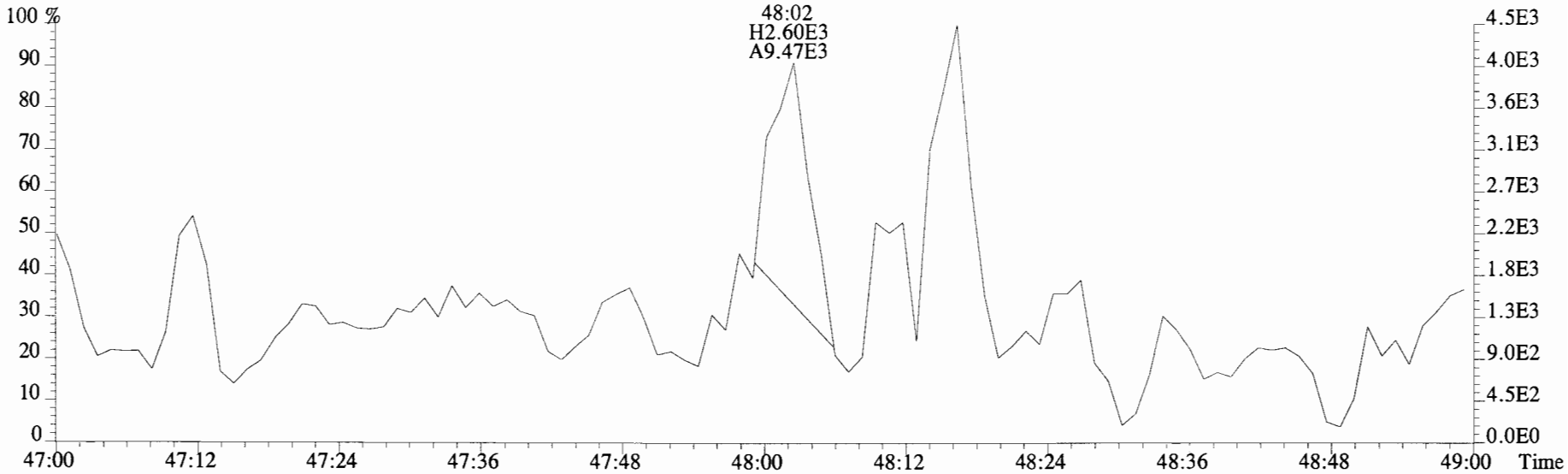
File:180303E1 #1-574 Acq: 4-MAR-2018 01:03:31 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1756.0,0.00%,F,F)



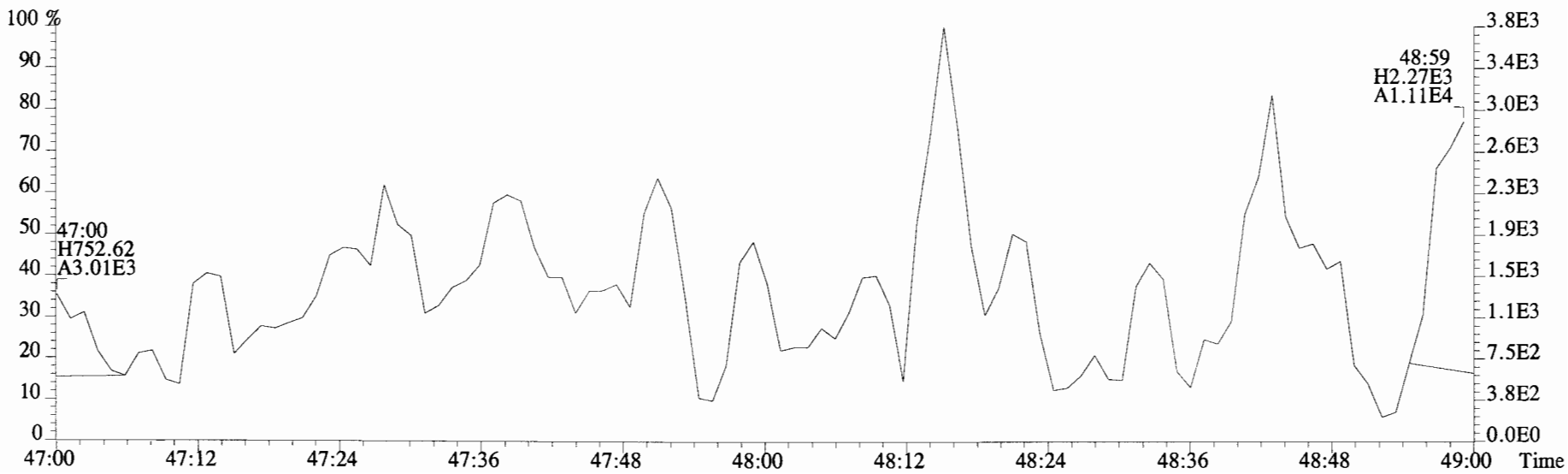
373.8788 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1724.0,0.00%,F,F)



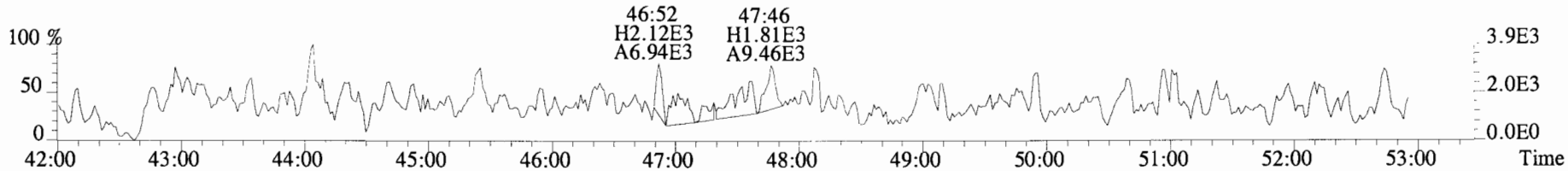
File:180303E1 #1-574 Acq: 4-MAR-2018 01:03:31 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1756.0,0.00%,F,F)



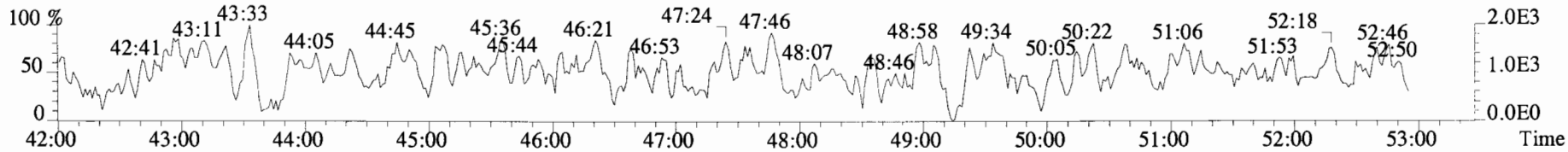
373.8788 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1724.0,0.00%,F,F)



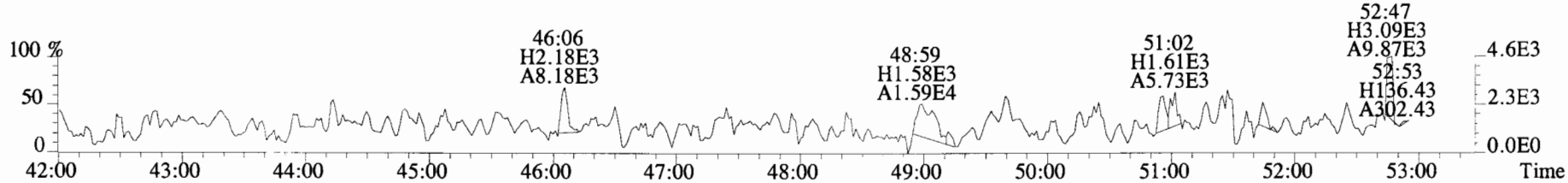
File:180303E1 #1-574 Acq: 4-MAR-2018 01:03:31 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
393.8025 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1980.0,0.00%,F,F)



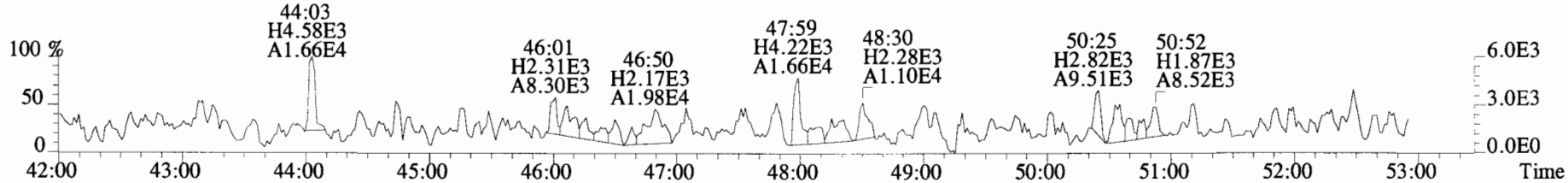
395.7995 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1372.0,0.00%,F,F)



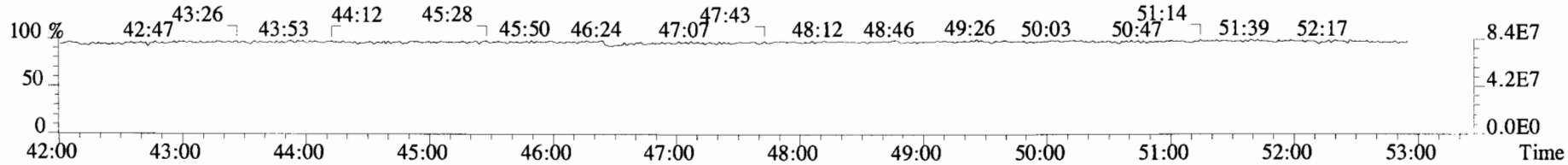
403.8457 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1668.0,0.00%,F,F)



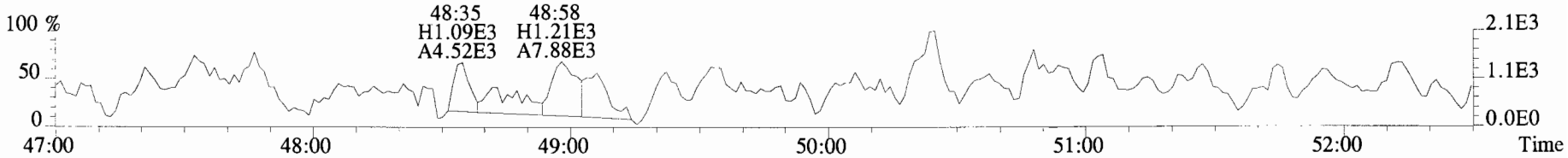
405.8428 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2036.0,0.00%,F,F)



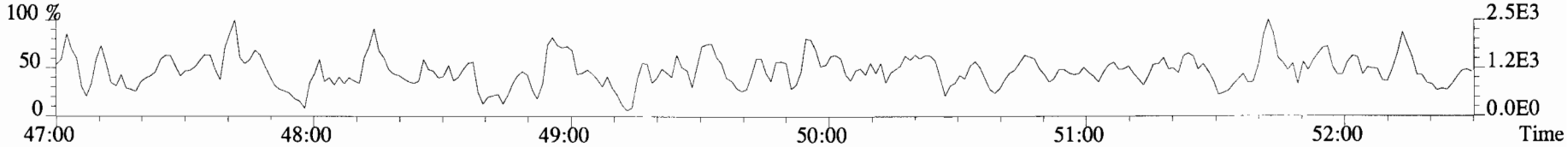
380.9760 S:12 F:4



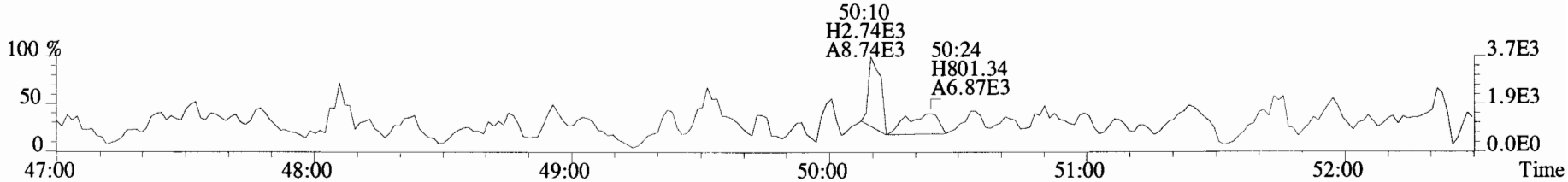
File:180303E1 #1-574 Acq: 4-MAR-2018 01:03:31 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1196.0,0.00%,F,F)



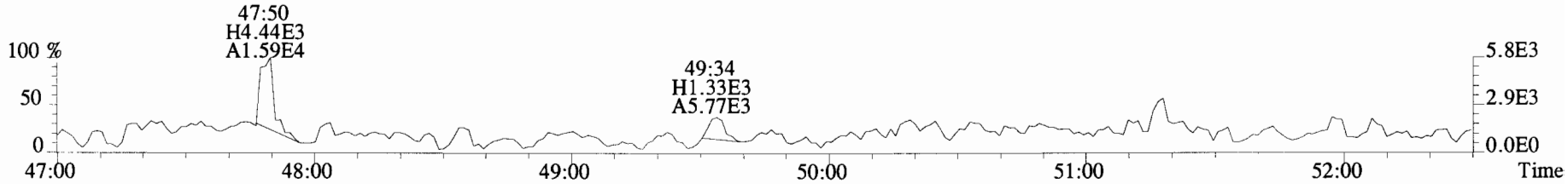
429.7606 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1500.0,0.00%,F,F)



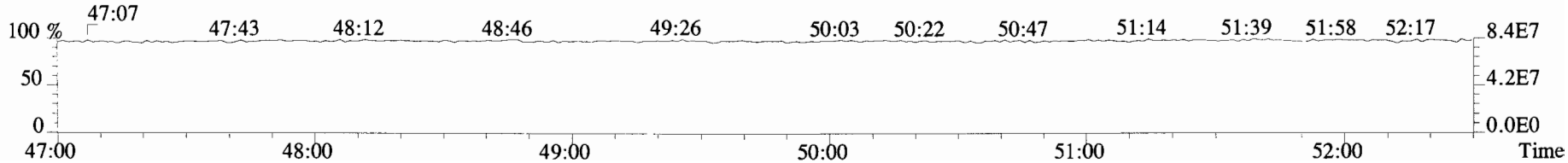
439.8038 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1440.0,0.00%,F,F)



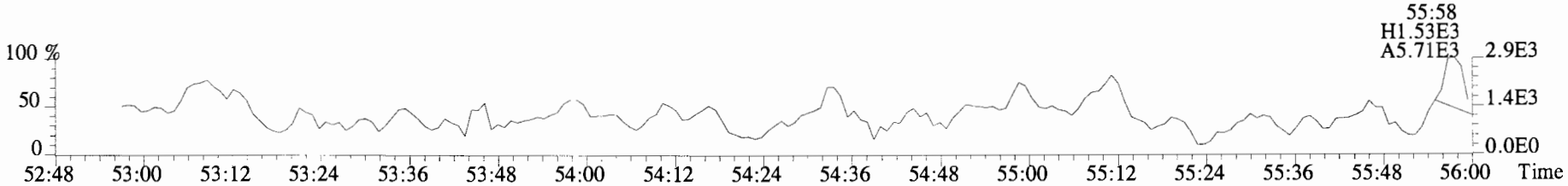
441.8008 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1508.0,0.00%,F,F)



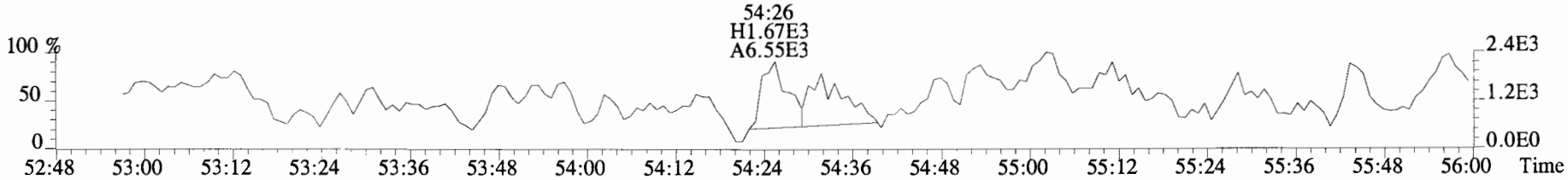
380.9760 S:12 F:4



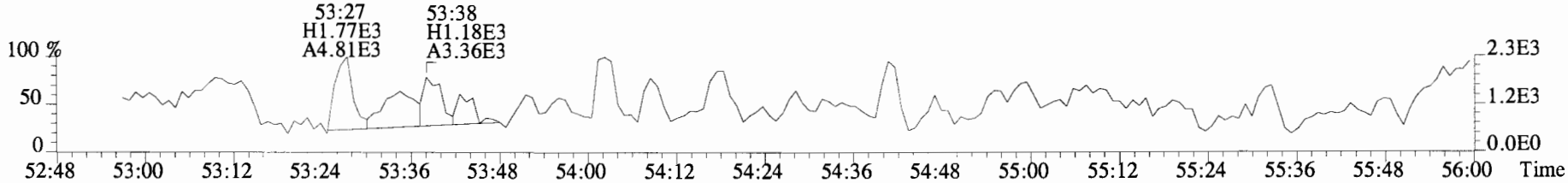
File:180303E1 #1-407 Acq: 4-MAR-2018 01:03:31 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1444.0,0.00%,F,F)



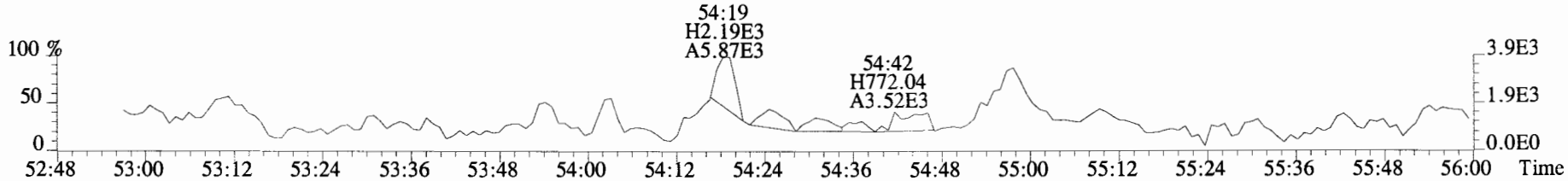
429.7606 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1660.0,0.00%,F,F)



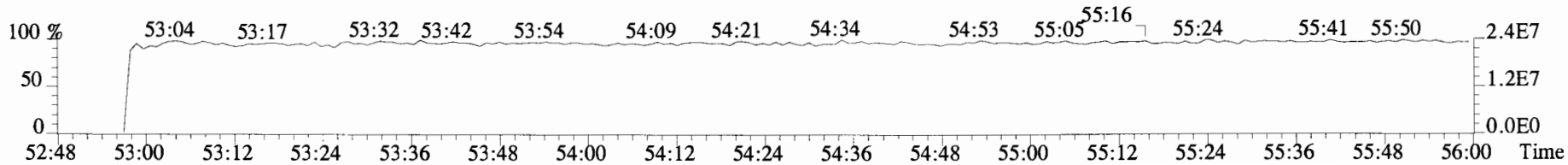
439.8038 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1464.0,0.00%,F,F)



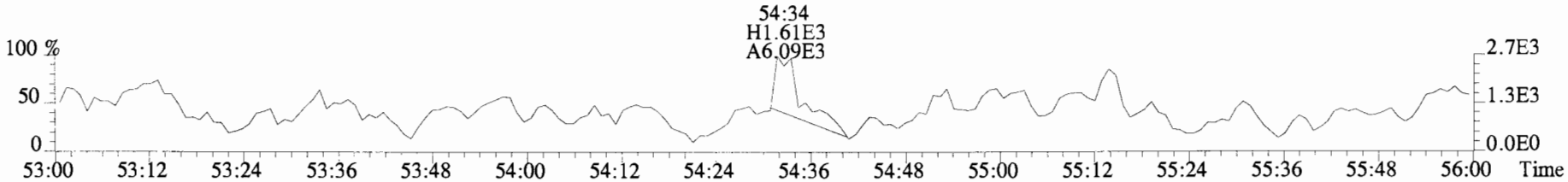
441.8008 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1412.0,0.00%,F,F)



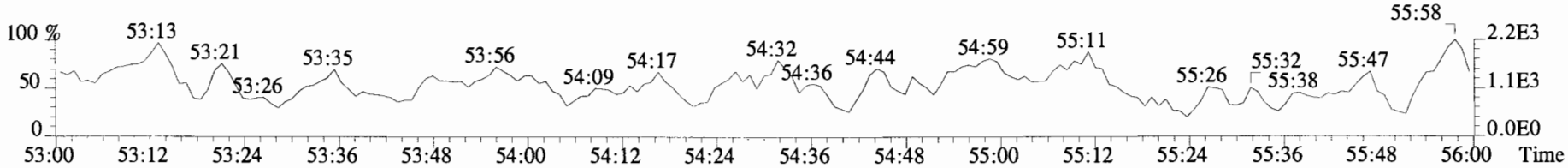
492.9697 S:12 F:5



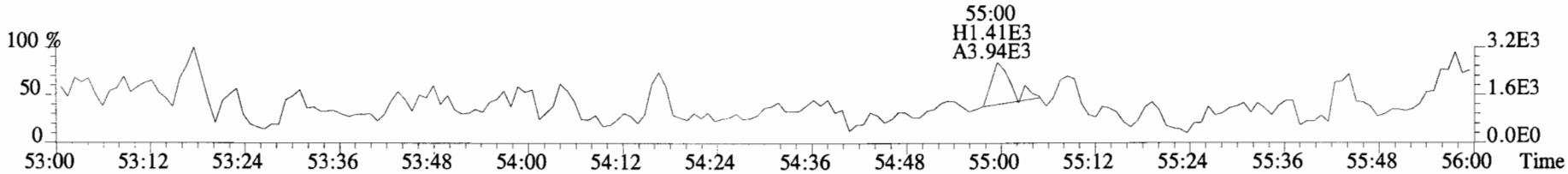
File:180303E1 #1-407 Acq: 4-MAR-2018 01:03:31 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
463.7216 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1416.0,0.00%,F,F)



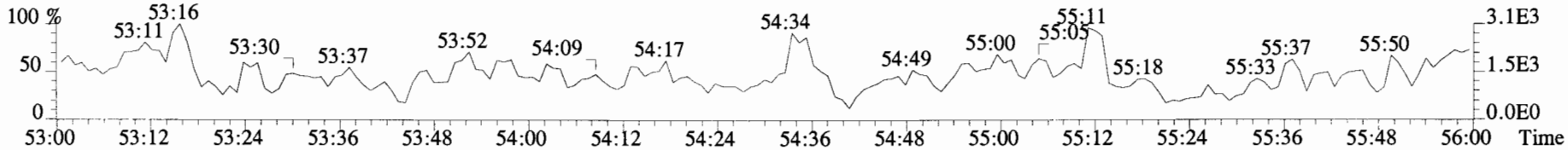
465.7186 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1508.0,0.00%,F,F)



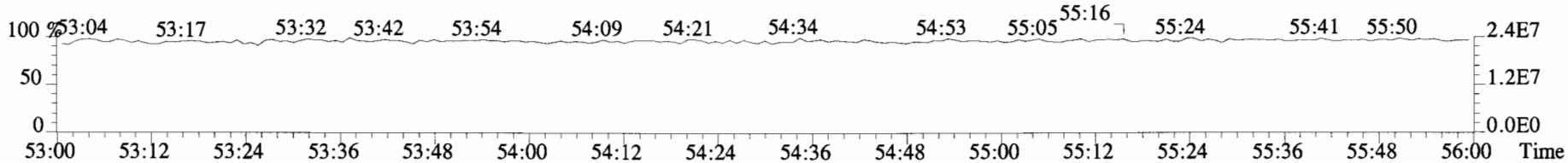
473.7648 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1448.0,0.00%,F,F)



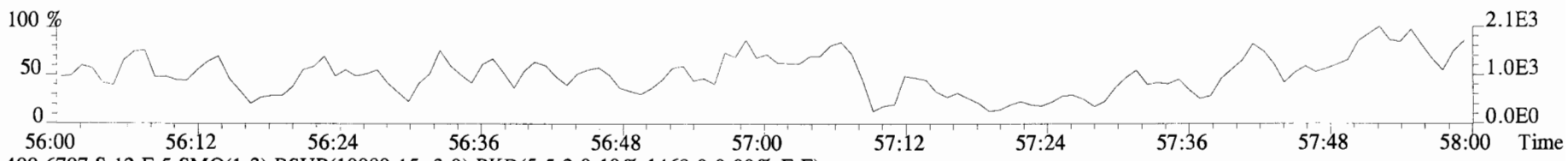
475.7619 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1824.0,0.00%,F,F)



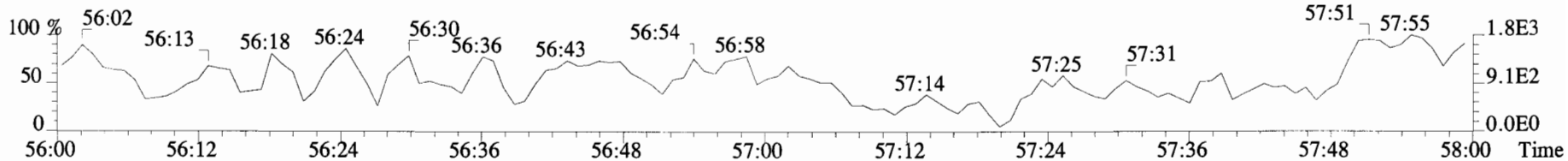
492.9697 S:12 F:5



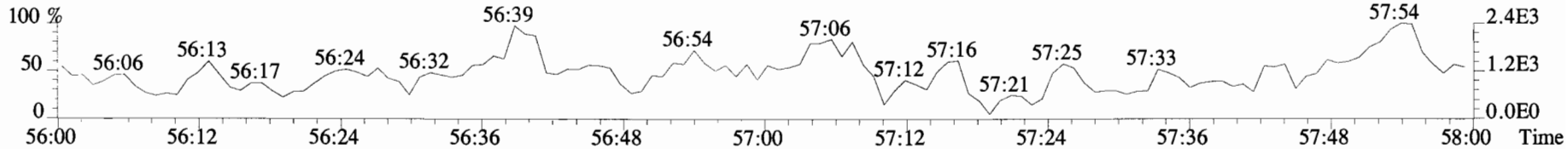
File:180303E1 #1-407 Acq: 4-MAR-2018 01:03:31 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
497.6826 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1524.0,0.00%,F,F)



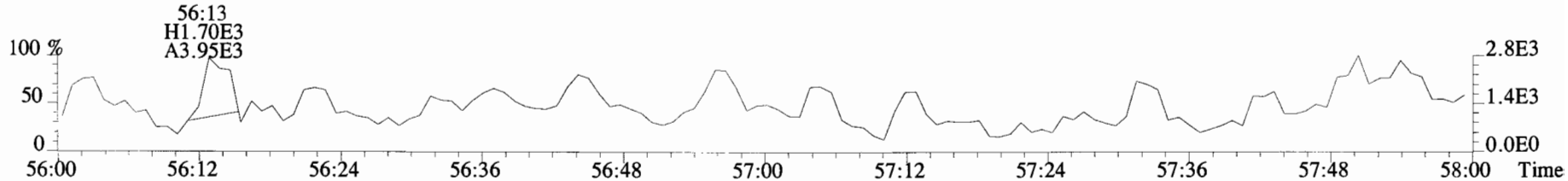
499.6797 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1460.0,0.00%,F,F)



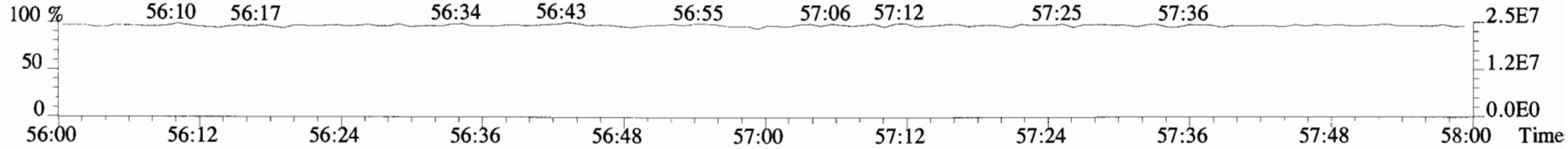
509.7229 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1536.0,0.00%,F,F)



511.7199 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1664.0,0.00%,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

MS 2/22/18

DB 2/22/18

PCB-48/75	1.134	5.87 %	1.24	1.18	1.14	1.07	1.10	1.06
PCB-65	1.271	7.64 %	1.46	1.28	1.23	1.20	1.22	1.24
PCB-62	1.096	7.98 %	1.12	1.23	1.15	1.01	1.05	1.01
PCB-44	0.855	5.88 %	0.86	0.95	0.87	0.81	0.84	0.82
PCB-42/59	1.021	6.01 %	1.10	1.08	1.03	0.94	1.00	0.97
PCB-41/64/71/72	1.166	4.31 %	1.23	1.22	1.17	1.10	1.16	1.13
PCB-68	1.278	8.40 %	1.47	1.31	1.27	1.18	1.23	1.20
PCB-40	0.624	4.82 %	0.64	0.66	0.65	0.59	0.61	0.59
PCB-57	1.129	9.12 %	1.24	1.26	1.15	1.03	1.06	1.04
PCB-67	1.103	8.98 %	1.25	1.20	1.07	1.00	1.04	1.05
PCB-58	1.123	7.27 %	1.15	1.18	1.25	1.03	1.08	1.07

PCB-63	1.001	7.38 %	1.13	1.04	0.99	0.94	0.96	0.94
PCB-74	1.184	6.77 %	1.27	1.28	1.20	1.10	1.12	1.12
PCB-61/70	1.028	8.08 %	1.14	1.09	1.07	0.95	0.97	0.95
PCB-76/66	1.134	6.53 %	1.23	1.21	1.15	1.06	1.08	1.07
PCB-80	1.193	7.80 %	1.29	1.30	1.24	1.10	1.12	1.11
PCB-55	1.159	5.51 %	1.20	1.24	1.20	1.07	1.12	1.12
PCB-56/60	1.043	6.71 %	1.13	1.12	1.05	0.97	0.99	0.99
PCB-79	1.169	7.70 %	1.30	1.25	1.18	1.08	1.10	1.10
PCB-78	1.105	7.95 %	1.23	1.19	1.11	1.02	1.05	1.03
PCB-81	0.969	6.28 %	1.01	1.06	0.99	0.90	0.94	0.91
PCB-77	1.082	8.00 %	1.22	1.15	1.08	1.00	1.03	1.02
PCB-104	1.078	8.00 %	1.17	1.18	1.10	0.99	1.02	1.00
PCB-96	1.131	4.84 %	1.14	1.22	1.14	1.06	1.13	1.10
PCB-103	0.908	6.15 %	0.96	0.98	0.87	0.84	0.90	0.88
PCB-100	0.925	3.63 %	0.94	0.98	0.93	0.88	0.93	0.90
PCB-94	0.914	6.18 %	0.97	0.96	0.96	0.84	0.89	0.87
PCB-95/98/102	1.172	8.23 %	1.32	1.23	1.18	1.08	1.15	1.07
PCB-93	0.926	4.63 %	0.97	0.98	0.94	0.89	0.87	0.91
PCB-88/91	0.974	9.21 %	1.06	1.07	1.04	0.87	0.92	0.89
PCB-121	1.681	5.57 %	1.83	1.73	1.57	1.63	1.72	1.61
PCB-84/92	0.973	5.66 %	1.01	1.04	1.02	0.90	0.95	0.92
PCB-89	1.065	6.31 %	1.14	1.12	1.12	0.99	1.04	0.99
PCB-90/101	1.077	5.48 %	1.14	1.13	1.10	1.01	1.06	1.01
PCB-113	1.477	4.68 %	1.52	1.57	1.51	1.43	1.38	1.46
PCB-99	1.253	9.15 %	1.43	1.30	1.23	1.14	1.31	1.12
PCB-119	1.700	3.91 %	1.66	1.81	1.76	1.63	1.67	1.68
PCB-108/112	1.404	6.74 %	1.50	1.53	1.43	1.32	1.31	1.34
PCB-83	1.754	6.67 %	1.89	1.89	1.78	1.61	1.71	1.65
PCB-97	1.175	4.87 %	1.24	1.24	1.19	1.12	1.13	1.12
PCB-86	1.082	3.73 %	1.04	1.11	1.15	1.06	1.07	1.06
PCB-87/117/125	1.552	4.81 %	1.62	1.64	1.59	1.46	1.49	1.50
PCB-111/115	1.794	6.19 %	1.90	1.96	1.78	1.67	1.74	1.72
PCB-85/116	1.291	3.58 %	1.27	1.34	1.36	1.25	1.26	1.26
PCB-120	1.983	6.99 %	2.18	2.14	1.93	1.85	1.91	1.90
PCB-110	1.685	5.66 %	1.74	1.69	1.85	1.60	1.63	1.61
PCB-82	0.807	7.47 %	0.86	0.86	0.86	0.73	0.76	0.77
PCB-124	1.296	4.96 %	1.24	1.34	1.36	1.29	1.20	1.33
PCB-107/109	1.314	9.40 %	1.50	1.39	1.34	1.17	1.28	1.19
PCB-123	1.119	6.63 %	1.25	1.16	1.12	1.05	1.06	1.07
PCB-106/118	1.179	5.88 %	1.21	1.27	1.23	1.10	1.16	1.10
PCB-114	1.112	5.81 %	1.16	1.18	1.17	1.04	1.08	1.04
PCB-122	1.028	6.25 %	1.14	1.06	1.02	0.98	0.99	0.97
PCB-105	1.123	5.02 %	1.15	1.21	1.15	1.06	1.09	1.08
PCB-127	1.118	6.67 %	1.21	1.19	1.15	1.03	1.08	1.05
PCB-126	1.200	4.09 %	1.24	1.24	1.25	1.13	1.18	1.16
PCB-155	0.987	6.92 %	1.06	1.07	1.01	0.91	0.95	0.93
PCB-150	1.025	4.44 %	1.07	1.07	1.05	0.97	1.01	0.98
PCB-152	1.157	4.55 %	1.24	1.19	1.17	1.09	1.14	1.11
PCB-145	1.129	4.88 %	1.18	1.20	1.14	1.06	1.11	1.08
PCB-136	1.023	7.49 %	1.11	1.08	1.08	0.92	0.98	0.97

PCB-148	0.773	3.42 %	0.80	0.79	0.73	0.76	0.79	0.77
PCB-154	0.876	5.39 %	0.97	0.87	0.86	0.83	0.87	0.85
PCB-151	0.752	2.07 %	0.74	0.76	0.77	0.73	0.76	0.74
PCB-135	0.860	5.19 %	0.86	0.94	0.81	0.82	0.87	0.85
PCB-144	0.766	5.72 %	0.79	0.78	0.83	0.73	0.75	0.72
PCB-147	0.805	4.47 %	0.87	0.81	0.80	0.78	0.81	0.76
PCB-139/149	0.880	3.35 %	0.90	0.92	0.88	0.84	0.89	0.85
PCB-140	0.769	4.96 %	0.80	0.81	0.78	0.73	0.76	0.72
PCB-134/143	0.762	5.66 %	0.80	0.81	0.79	0.71	0.75	0.72
PCB-131/133	0.817	4.62 %	0.85	0.86	0.83	0.76	0.80	0.80
PCB-142	0.732	6.54 %	0.81	0.73	0.77	0.68	0.71	0.70

PCB-146/165	1.020	5.25 %	1.08	1.07	1.04	0.94	0.99	0.99
PCB-132/161	1.004	4.87 %	1.04	1.07	1.02	0.93	0.98	0.98
PCB-153	1.077	6.13 %	1.16	1 16	1.07	1.01	1.04	1.02
PCB-168	1.117	11.99 %	1.37	1.14	1.11	1.00	1.05	1.04
PCB-141	1.018	6.34 %	1.06	1.10	1.06	0.94	0.98	0.97
PCB-137	1.103	7.02 %	1.21	1.19	1.05	1.04	1.06	1.07
PCB-130	0.806	5.09 %	0.84	0.78	0.87	0.77	0.80	0.77
PCB-138/163/164	1.235	6.33 %	1.33	1.32	1.25	1.13	1.20	1.18
PCB-158/160	1.182	6.67 %	1.27	1.28	1.16	1.09	1.15	1.12
PCB-129	0.782	8.19 %	0.89	0.82	0.78	0.72	0.75	0.73
PCB-166	1.127	7.00 %	1.20	1.24	1.13	1.04	1.09	1.06
PCB-159	1.158	3.96 %	1.15	1.23	1.18	1.10	1.16	1.13
PCB-128/162	0.892	5.71 %	0.89	0.96	0.94	0.84	0.87	0.85
PCB-167	1.020	5.21 %	1.03	1.09	1.07	0.95	1.00	0.97
PCB-156	1.064	8.36 %	1.18	1.13	1.11	0.97	1.00	0.99
PCB-157	1.025	6.13 %	1.10	1.09	1.05	0.96	0.98	0.97
PCB-169	1.130	4.80 %	1.15	1.22	1.15	1.06	1.10	1.10
PCB-188	1.373	8.18 %	1.53	1.46	1.40	1.24	1.31	1.30
PCB-184	1.319	5.43 %	1.40	1.41	1.33	1.23	1.28	1.27
PCB-179	1.385	5.63 %	1.50	1.44	1.41	1.29	1.33	1.33
PCB-176	1.309	7.50 %	1.48	1.36	1.29	1.23	1.25	1.25
PCB-186	1.421	7.44 %	1.54	1.57	1.34	1.31	1.37	1.39
PCB-178	0.970	4.41 %	0.99	1.05	0.96	0.93	0.94	0.96
PCB-175	0.998	2.87 %	0.99	1.04	1.01	0.96	0.99	1.01
PCB-182/187	1.142	6.04 %	1.25	1.20	1.09	1.07	1.11	1.13
PCB-183	1.128	6.01 %	1.24	1.18	1.12	1.06	1.07	1.10
PCB-185	1.355	6.16 %	1.31	1.50	1.39	1.28	1.34	1.30
PCB-174	1.415	7.45 %	1.49	1.46	1.55	1.27	1.36	1.35
PCB-181	1.475	3.67 %	1.52	1.55	1.41	1.44	1.49	1.43
PCB-177	1.327	4.38 %	1.41	1.38	1.31	1.27	1.31	1.28
PCB-171	1.370	5.85 %	1.46	1.43	1.43	1.26	1.34	1.31
PCB-173	1.268	7.66 %	1.43	1.31	1.29	1.16	1.23	1.19
PCB-172	1.386	4.08 %	1.38	1.46	1.43	1.30	1.39	1.36
PCB-192	1.804	3.70 %	1.81	1.88	1.85	1.69	1.82	1.77
PCB-180	1.516	5.07 %	1.61	1.56	1.57	1.41	1.49	1.46
PCB-193	1.712	9.38 %	1.96	1.86	1.66	1.55	1.64	1.60
PCB-191	1.739	4.26 %	1.76	1.81	1.83	1.63	1.71	1.69
PCB-170	1.436	6.83 %	1.39	1.63	1.43	1.35	1.42	1.40
PCB-190	1.953	6.00 %	2.01	2.15	1.93	1.80	1.94	1.89
PCB-189	1.457	7.03 %	1.59	1.56	1.49	1.35	1.38	1.38
PCB-202	1.060	3.15 %	1.09	1.08	1.09	1.01	1.05	1.04
PCB-201	0.977	3.37 %	0.99	1.02	1.01	0.94	0.95	0.95
PCB-204	1.070	6.47 %	1.07	1.19	1.08	0.99	1.06	1.04
PCB-197	1.098	9.42 %	1.20	1.24	1.12	0.98	1.03	1.03
PCB-200	1.041	7.42 %	1.08	1.15	1.08	0.94	0.99	1.00
PCB-198	0.839	8.60 %	0.87	0.95	0.88	0.77	0.77	0.80
PCB-199	0.799	9.16 %	0.87	0.90	0.77	0.71	0.78	0.77
PCB-196/203	0.841	8.91 %	0.81	0.98	0.87	0.76	0.81	0.82
PCB-195	1.036	6.19 %	1.11	1.11	1.04	0.98	1.01	0.97
PCB-194	1.157	8.11 %	1.32	1.21	1.16	1.07	1.11	1.07

PCB-205	1.330	5.04 %	1.40	1.41	1.35	1.26	1.30	1.26
PCB-208	0.896	4.81 %	0.92	0.92	0.96	0.84	0.88	0.86
PCB-207	0.888	5.44 %	0.89	0.97	0.90	0.83	0.88	0.87
PCB-206	0.881	4.46 %	0.93	0.92	0.91	0.84	0.86	0.84
PCB-209	1.042	5.70 %	1.12	1.09	1.05	0.96	1.02	1.00
Total Mono-PCB	1.064	6.89 %	1.16	1.13	1.08	0.98	1.03	1.00
Total Di-PCB	1.038	5.93 %	1.09	1.12	1.06	0.98	1.00	0.98
Total Tri-PCB	1.150	5.95 %	1.21	1.24	1.19	1.08	1.10	1.09

Total Tri-PCB	1.051	4.10 %	1.10	1.09	1.06	1.00	1.01	1.04
Total Tetra-PCB	1.063	6.28 %	1.14	1.13	1.09	0.98	1.03	1.00
Total Penta-PCB	1.180	5.40 %	1.25	1.25	1.19	1.10	1.15	1.12
Total Penta-PCB	1.116	5.24 %	1.18	1.17	1.14	1.05	1.09	1.06
Total Hexa-PCB	0.906	4.09 %	0.95	0.94	0.91	0.86	0.90	0.87
Total Hexa-PCB	1.002	5.66 %	1.07	1.07	1.02	0.93	0.97	0.96
Total Hepta-PCB	1.348	5.12 %	1.44	1.42	1.35	1.26	1.31	1.31
Total Octa-PCB	0.952	6.67 %	0.98	1.05	0.97	0.87	0.92	0.92
Total Octa-PCB	1.174	6.25 %	1.28	1.24	1.18	1.10	1.14	1.10
Total Nona-PCB	0.889	4.53 %	0.91	0.94	0.92	0.83	0.87	0.86
Total Deca-PCB	1.042	5.70 %	1.12	1.09	1.05	0.96	1.02	1.00
13C-PCB-1	1.132	5.38 %	1.07	1.10	1.16	1.17	1.07	1.22
13C-PCB-3	1.212	4.20 %	1.16	1.18	1.24	1.25	1.17	1.28
13C-PCB-4	0.595	4.03 %	0.57	0.58	0.60	0.62	0.57	0.62
13C-PCB-9	0.942	2.13 %	0.93	0.94	0.95	0.96	0.91	0.96
13C-PCB-11	0.949	0.68 %	0.96	0.94	0.95	0.95	0.94	0.95
13C-PCB-19	0.624	2.08 %	0.61	0.61	0.63	0.63	0.64	0.63
13C-PCB-32	0.911	2.87 %	0.91	0.90	0.90	0.89	0.96	0.91
13C-PCB-28	1.049	7.16 %	1.14	1.10	1.08	1.01	1.03	0.93
13C-PCB-37	1.019	2.48 %	1.04	0.99	1.00	1.01	1.04	1.05
13C-PCB-54	0.930	6.17 %	0.91	1.01	0.99	0.91	0.86	0.90
13C-PCB-52	0.765	3.00 %	0.75	0.79	0.79	0.77	0.74	0.75
13C-PCB-47	0.835	2.53 %	0.82	0.85	0.87	0.83	0.82	0.83
13C-PCB-70	0.999	0.90 %	0.98	1.00	1.01	1.00	1.01	1.00
13C-PCB-80	0.997	0.93 %	0.99	0.98	1.00	1.01	1.01	0.99
13C-PCB-81	1.008	1.10 %	1.01	1.00	0.99	1.01	1.02	1.01
13C-PCB-77	0.961	2.04 %	0.95	0.94	0.94	0.98	0.99	0.97
13C-PCB-104	1.008	3.81 %	0.99	1.02	1.08	1.01	0.97	0.99
13C-PCB-95	0.803	2.13 %	0.78	0.80	0.83	0.80	0.79	0.81
13C-PCB-101	0.803	1.33 %	0.80	0.80	0.82	0.80	0.79	0.81
13C-PCB-97	0.702	0.74 %	0.70	0.70	0.71	0.70	0.70	0.70
13C-PCB-123	0.946	1.26 %	0.95	0.93	0.95	0.96	0.95	0.93
13C-PCB-118	0.997	1.85 %	0.99	0.97	0.98	1.02	1.01	1.01
13C-PCB-114	1.183	2.55 %	1.18	1.20	1.23	1.18	1.14	1.17
13C-PCB-105	1.142	2.43 %	1.11	1.16	1.18	1.16	1.11	1.13
13C-PCB-127	1.243	2.02 %	1.25	1.24	1.26	1.26	1.20	1.24
13C-PCB-126	1.137	1.36 %	1.14	1.13	1.14	1.16	1.11	1.14
13C-PCB-155	0.826	2.54 %	0.84	0.84	0.85	0.81	0.82	0.80
13C-PCB-153	1.336	2.63 %	1.33	1.36	1.39	1.33	1.32	1.28
13C-PCB-141	1.107	2.34 %	1.10	1.13	1.15	1.10	1.10	1.08
13C-PCB-138	1.173	0.83 %	1.16	1.17	1.19	1.18	1.18	1.16
13C-PCB-159	1.388	1.05 %	1.38	1.39	1.36	1.40	1.40	1.40
13C-PCB-167	1.400	1.06 %	1.40	1.38	1.42	1.41	1.40	1.39
13C-PCB-156	1.383	2.80 %	1.37	1.32	1.44	1.38	1.40	1.39
13C-PCB-157	1.372	3.13 %	1.36	1.30	1.44	1.37	1.37	1.39
13C-PCB-169	1.391	2.57 %	1.35	1.39	1.45	1.39	1.37	1.40
13C-PCB-188	1.398	3.12 %	1.37	1.40	1.47	1.38	1.41	1.35
13C-PCB-180	0.977	3.62 %	0.97	0.93	1.04	0.97	0.97	0.98
13C-PCB-170	0.858	3.97 %	0.83	0.84	0.92	0.86	0.83	0.87
13C-PCB-189	1.149	2.75 %	1.13	1.12	1.20	1.13	1.15	1.17
13C-PCB-202	1.281	4.41 %	1.28	1.19	1.36	1.28	1.30	1.28

13C-PCB-194	0.770	1.20 %	0.76	0.76	0.77	0.76	0.77	0.79
13C-PCB-208	1.093	1.71 %	1.11	1.08	1.07	1.07	1.11	1.11
13C-PCB-206	0.808	1.98 %	0.80	0.80	0.80	0.80	0.82	0.83
13C-PCB-209	0.736	3.69 %	0.69	0.74	0.74	0.74	0.76	0.76
13C-PCB-15	1.000	0.00 %	1.00	1.00	1.00	1.00	1.00	1.00
13C-PCB-31	1.000	0.00 %	1.00	1.00	1.00	1.00	1.00	1.00
13C-PCB-60	1.000	0.00 %	1.00	1.00	1.00	1.00	1.00	1.00
13C-PCB-111	1.000	0.00 %	1.00	1.00	1.00	1.00	1.00	1.00
13C-PCB-128	1.000	0.00 %	1.00	1.00	1.00	1.00	1.00	1.00
13C-PCB-182	1.000	0.00 %	1.00	1.00	1.00	1.00	1.00	1.00

13C-PCB-205	1.000	0.00 %	1.00	1.00	1.00	1.00	1.00	1.00
13C-PCB-79	1.034	0.79 %	1.02	1.05	1.03	1.03	1.04	1.04
13C-PCB-178	0.927	1.97 %	0.92	0.95	0.93	0.91	0.94	0.90
13C-PCB-79	1.026	1.27 %	1.02	1.05	1.04	1.02	1.01	1.02
13C-PCB-178	0.950	4.64 %	0.95	1.02	0.89	0.94	0.98	0.92

Filename: 180208E1 S: 1 Acquired: 8-FEB-18 08:34:42
Run: 180208E1 Analyte: PCBNEW ICal: PCBVG8-2-8-18 Results:
Sample text: ST180208E1-1 PCB CS0 17L3003

	Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Mono	PCB-1	0.25	8.77e+05	2.96 y	16:01	-	1.14
2	Mono	PCB-2	0.25	9.76e+05	2.96 y	18:24	-	1.17
3	Mono	PCB-3	0.25	9.95e+05	3.27 y	18:38	-	1.19
4	Di	PCB-4/10	0.50	1.06e+06	1.63 y	20:01	-	1.29
5	Di	PCB-7/9	0.50	1.47e+06	1.53 y	21:48	-	1.10
6	Di	PCB-6	0.25	7.75e+05	1.39 y	22:28	-	1.16
7	Di	PCB-5/8	0.50	1.48e+06	1.51 y	22:52	-	1.10
8	Di	PCB-14	0.25	6.97e+05	1.76 y	23:59	-	1.01
9	Di	PCB-11	0.25	8.16e+05	1.52 y	25:10	-	1.18
10	Di	PCB-12/13	0.50	1.46e+06	1.69 y	25:34	-	1.06
11	Di	PCB-15	0.25	7.19e+05	1.79 y	25:53	-	1.04
12	Tri	PCB-19	0.25	5.56e+05	1.09 y	24:09	-	1.26
13	Tri	PCB-30	0.25	8.92e+05	1.10 y	25:03	-	2.02
14	Tri	PCB-18	0.25	6.23e+05	0.99 y	25:48	-	0.95
15	Tri	PCB-17	0.25	5.74e+05	1.06 y	25:59	-	0.88
16	Tri	PCB-24/27	0.50	1.51e+06	1.04 y	26:33	-	1.15
17	Tri	PCB-16/32	0.50	1.48e+06	1.03 y	27:04	-	1.13
18	Tri	PCB-34	0.25	6.78e+05	1.06 y	27:52	-	0.99
19	Tri	PCB-23	0.25	6.56e+05	1.13 y	27:58	-	0.96
20	Tri	PCB-29	0.25	6.87e+05	1.12 y	28:13	-	1.00
21	Tri	PCB-26	0.25	7.03e+05	1.07 y	28:25	-	1.03
22	Tri	PCB-25	0.25	7.62e+05	1.08 y	28:35	-	1.11
23	Tri	PCB-31	0.25	7.61e+05	1.14 y	28:56	-	1.11
24	Tri	PCB-28	0.25	8.00e+05	0.93 y	29:03	-	1.17
25	Tri	PCB-20/21/33	0.75	2.11e+06	1.07 y	29:39	-	1.03
26	Tri	PCB-22	0.25	7.68e+05	1.02 y	30:06	-	1.12
27	Tri	PCB-36	0.25	7.87e+05	1.02 y	30:43	-	1.26
28	Tri	PCB-39	0.25	7.33e+05	1.10 y	31:11	-	1.18
29	Tri	PCB-38	0.25	7.47e+05	1.17 y	31:58	-	1.20
30	Tri	PCB-35	0.25	7.25e+05	1.07 y	32:28	-	1.16
31	Tri	PCB-37	0.25	7.66e+05	0.99 y	32:55	-	1.23
32	Tetra	PCB-54	0.25	7.13e+05	0.74 y	27:54	-	1.16
33	Tetra	PCB-50	0.25	5.59e+05	0.76 y	29:05	-	0.91
34	Tetra	PCB-53	0.25	5.42e+05	0.81 y	29:43	-	1.07
35	Tetra	PCB-51	0.25	6.22e+05	0.77 y	30:04	-	1.23
36	Tetra	PCB-45	0.25	4.75e+05	0.72 y	30:30	-	0.94
37	Tetra	PCB-46	0.25	4.59e+05	0.66 y	31:00	-	0.91
38	Tetra	PCB-52/69	0.50	1.25e+06	0.78 y	31:28	-	1.24
39	Tetra	PCB-73	0.25	8.54e+05	0.77 y	31:36	-	1.69
40	Tetra	PCB-43/49	0.50	1.05e+06	0.69 y	31:45	-	1.04

41	Tetra	PCB-47	0.25	5.03e+05	0.80 y	31:58	-	0.92
42	Tetra	PCB-48/75	0.50	1.35e+06	0.82 y	32:04	-	1.24
43	Tetra	PCB-65	0.25	8.01e+05	0.66 y	32:20	-	1.46
44	Tetra	PCB-62	0.25	6.16e+05	0.66 y	32:27	-	1.12
45	Tetra	PCB-44	0.25	4.69e+05	0.78 y	32:45	-	0.86
46	Tetra	PCB-42/59	0.50	1.20e+06	0.77 y	32:59	-	1.10
47	Tetra	PCB-41/64/71/72	1.00	2.68e+06	0.80 y	33:34	-	1.23
48	Tetra	PCB-68	0.25	8.07e+05	0.73 y	33:50	-	1.47
49	Tetra	PCB-40	0.25	3.48e+05	0.87 y	34:03	-	0.64
50	Tetra	PCB-57	0.25	8.14e+05	0.69 y	34:24	-	1.24
51	Tetra	PCB-67	0.25	8.23e+05	0.74 y	34:42	-	1.25

52	Tetra	PCB-58	0.25	7.55e+05	0.73 y	34:50	-	1.15
53	Tetra	PCB-63	0.25	7.44e+05	0.73 y	34:58	-	1.13
54	Tetra	PCB-74	0.25	8.39e+05	0.72 y	35:15	-	1.27
55	Tetra	PCB-61/70	0.50	1.51e+06	0.73 y	35:27	-	1.14
56	Tetra	PCB-76/66	0.50	1.62e+06	0.74 y	35:39	-	1.23
57	Tetra	PCB-80	0.25	8.58e+05	0.89 y	35:54	-	1.29
58	Tetra	PCB-55	0.25	8.01e+05	0.85 y	36:13	-	1.20
59	Tetra	PCB-56/60	0.50	1.51e+06	0.81 y	36:43	-	1.13
60	Tetra	PCB-79	0.25	8.66e+05	0.75 y	37:46	-	1.30
61	Tetra	PCB-78	0.25	8.28e+05	0.67 y	38:28	-	1.23
62	Tetra	PCB-81	0.25	6.84e+05	0.82 y	38:59	-	1.01
63	Tetra	PCB-77	0.25	7.80e+05	0.72 y	39:36	-	1.22
64	Penta	PCB-104	0.25	4.95e+05	1.76 y	32:37	-	1.17
65	Penta	PCB-96	0.25	4.80e+05	1.43 y	33:52	-	1.14
66	Penta	PCB-103	0.25	4.06e+05	1.32 y	34:25	-	0.96
67	Penta	PCB-100	0.25	3.95e+05	1.62 y	34:46	-	0.94
68	Penta	PCB-94	0.25	3.25e+05	1.61 y	35:14	-	0.97
69	Penta	PCB-95/98/102	0.75	1.33e+06	1.57 y	35:44	-	1.32
70	Penta	PCB-93	0.25	3.23e+05	1.47 y	35:52	-	0.97
71	Penta	PCB-88/91	0.50	7.08e+05	1.63 y	36:09	-	1.06
72	Penta	PCB-121	0.25	6.11e+05	1.49 y	36:16	-	1.83
73	Penta	PCB-84/92	0.50	6.83e+05	1.78 y	37:06	-	1.01
74	Penta	PCB-89	0.25	3.86e+05	1.67 y	37:16	-	1.14
75	Penta	PCB-90/101	0.50	7.76e+05	1.43 y	37:27	-	1.14
76	Penta	PCB-113	0.25	5.17e+05	1.70 y	37:42	-	1.52
77	Penta	PCB-99	0.25	4.85e+05	1.73 y	37:48	-	1.43
78	Penta	PCB-119	0.25	4.95e+05	1.78 y	38:15	-	1.66
79	Penta	PCB-108/112	0.50	8.95e+05	1.78 y	38:24	-	1.50
80	Penta	PCB-83	0.25	5.64e+05	1.46 y	38:34	-	1.89
81	Penta	PCB-97	0.25	3.71e+05	1.40 y	38:46	-	1.24
82	Penta	PCB-86	0.25	3.11e+05	1.75 y	38:53	-	1.04
83	Penta	PCB-87/117/125	0.75	1.46e+06	1.72 y	39:01	-	1.62
84	Penta	PCB-111/115	0.50	1.13e+06	1.48 y	39:12	-	1.90
85	Penta	PCB-85/116	0.50	7.61e+05	1.68 y	39:18	-	1.27
86	Penta	PCB-120	0.25	6.51e+05	1.49 y	39:33	-	2.18
87	Penta	PCB-110	0.25	5.20e+05	1.61 y	39:42	-	1.74
88	Penta	PCB-82	0.25	3.46e+05	1.48 y	40:20	-	0.86
89	Penta	PCB-124	0.25	5.00e+05	1.75 y	41:01	-	1.24
90	Penta	PCB-107/109	0.50	1.21e+06	1.61 y	41:09	-	1.50
91	Penta	PCB-123	0.25	5.02e+05	1.60 y	41:19	-	1.25
92	Penta	PCB-106/118	0.50	1.03e+06	1.51 y	41:31	-	1.21
93	Penta	PCB-114	0.25	4.85e+05	1.44 y	42:09	-	1.16
94	Penta	PCB-122	0.25	4.79e+05	1.34 y	42:17	-	1.14
95	Penta	PCB-105	0.25	4.57e+05	1.49 y	43:01	-	1.15
96	Penta	PCB-127	0.25	5.36e+05	1.58 y	43:21	-	1.21
97	Penta	PCB-126	0.25	5.04e+05	1.50 y	45:14	-	1.24
98	Hexa	PCB-155	0.25	3.78e+05	1.27 y	37:00	-	1.06
99	Hexa	PCB-150	0.25	3.83e+05	1.30 y	38:16	-	1.07
100	Hexa	PCB-152	0.25	4.41e+05	1.24 y	38:44	-	1.24
101	Hexa	PCB-145	0.25	4.22e+05	1.43 y	39:11	-	1.18

102	Hexa	PCB-136	0.25	3.96e+05	1.24 y	39:30	-	1.11
103	Hexa	PCB-148	0.25	2.86e+05	1.27 y	39:37	-	0.80
104	Hexa	PCB-154	0.25	3.46e+05	1.26 y	40:06	-	0.97
105	Hexa	PCB-151	0.25	2.64e+05	1.07 y	40:45	-	0.74
106	Hexa	PCB-135	0.25	3.08e+05	1.37 y	40:57	-	0.86
107	Hexa	PCB-144	0.25	2.84e+05	1.19 y	41:04	-	0.79
108	Hexa	PCB-147	0.25	3.09e+05	1.38 y	41:12	-	0.87
109	Hexa	PCB-139/149	0.50	6.43e+05	1.25 y	41:28	-	0.90
110	Hexa	PCB-140	0.25	2.87e+05	1.27 y	41:39	-	0.80
111	Hexa	PCB-134/143	0.50	7.57e+05	1.15 y	42:06	-	0.80
112	Hexa	PCB-131/133	0.50	8.04e+05	1.20 y	42:23	-	0.85

113	Hexa	PCB-142	0.25	3.80e+05	1.09 y	42:32	-	0.81
114	Hexa	PCB-146/165	0.50	1.02e+06	1.32 y	42:46	-	1.08
115	Hexa	PCB-132/161	0.50	9.81e+05	1.30 y	43:00	-	1.04
116	Hexa	PCB-153	0.25	5.47e+05	1.05 y	43:10	-	1.16
117	Hexa	PCB-168	0.25	6.46e+05	1.16 y	43:23	-	1.37
118	Hexa	PCB-141	0.25	4.15e+05	1.21 y	43:54	-	1.06
119	Hexa	PCB-137	0.25	4.73e+05	1.27 y	44:17	-	1.21
120	Hexa	PCB-130	0.25	3.26e+05	1.06 y	44:24	-	0.84
121	Hexa	PCB-138/163/164	0.75	1.65e+06	1.30 y	44:46	-	1.33
122	Hexa	PCB-158/160	0.50	1.05e+06	1.24 y	45:01	-	1.27
123	Hexa	PCB-129	0.25	3.67e+05	1.38 y	45:15	-	0.89
124	Hexa	PCB-166	0.25	5.88e+05	1.25 y	45:42	-	1.20
125	Hexa	PCB-159	0.25	5.64e+05	1.23 y	46:03	-	1.15
126	Hexa	PCB-128/162	0.50	8.72e+05	1.13 y	46:19	-	0.89
127	Hexa	PCB-167	0.25	5.12e+05	1.39 y	46:43	-	1.03
128	Hexa	PCB-156	0.25	5.77e+05	1.13 y	48:01	-	1.18
129	Hexa	PCB-157	0.25	5.31e+05	1.26 y	48:16	-	1.10
130	Hexa	PCB-169	0.25	5.52e+05	1.25 y	50:29	-	1.15
131	Hepta	PCB-188	0.25	5.23e+05	1.07 y	42:48	-	1.53
132	Hepta	PCB-184	0.25	4.77e+05	1.16 y	43:15	-	1.40
133	Hepta	PCB-179	0.25	5.11e+05	1.05 y	44:01	-	1.50
134	Hepta	PCB-176	0.25	5.06e+05	1.01 y	44:29	-	1.48
135	Hepta	PCB-186	0.25	5.24e+05	1.03 y	45:06	-	1.54
136	Hepta	PCB-178	0.25	3.37e+05	0.93 y	45:36	-	0.99
137	Hepta	PCB-175	0.25	3.37e+05	1.10 y	45:57	-	0.99
138	Hepta	PCB-182/187	0.50	8.54e+05	0.97 y	46:07	-	1.25
139	Hepta	PCB-183	0.25	4.23e+05	0.89 y	46:26	-	1.24
140	Hepta	PCB-185	0.25	3.13e+05	1.16 y	47:05	-	1.31
141	Hepta	PCB-174	0.25	3.58e+05	1.19 y	47:27	-	1.49
142	Hepta	PCB-181	0.25	3.64e+05	1.20 y	47:33	-	1.52
143	Hepta	PCB-177	0.25	3.38e+05	1.02 y	47:43	-	1.41
144	Hepta	PCB-171	0.25	3.50e+05	0.92 y	48:01	-	1.46
145	Hepta	PCB-173	0.25	3.43e+05	0.90 y	48:26	-	1.43
146	Hepta	PCB-172	0.25	3.31e+05	1.08 y	48:54	-	1.38
147	Hepta	PCB-192	0.25	4.34e+05	0.93 y	49:05	-	1.81
148	Hepta	PCB-180	0.25	3.86e+05	0.94 y	49:17	-	1.61
149	Hepta	PCB-193	0.25	4.69e+05	1.09 y	49:30	-	1.96
150	Hepta	PCB-191	0.25	4.23e+05	0.97 y	49:45	-	1.76
151	Hepta	PCB-170	0.25	2.87e+05	0.94 y	50:53	-	1.39
152	Hepta	PCB-190	0.25	4.16e+05	1.08 y	51:05	-	2.01
153	Hepta	PCB-189	0.25	4.46e+05	0.90 y	52:30	-	1.59
154	Octa	PCB-202	0.25	3.46e+05	0.91 y	48:13	-	1.09
155	Octa	PCB-201	0.25	3.16e+05	0.94 y	48:42	-	0.99
156	Octa	PCB-204	0.25	3.39e+05	0.83 y	48:52	-	1.07
157	Octa	PCB-197	0.25	3.82e+05	0.88 y	49:09	-	1.20
158	Octa	PCB-200	0.25	3.46e+05	0.84 y	50:04	-	1.08
159	Octa	PCB-198	0.25	2.77e+05	0.80 y	51:31	-	0.87
160	Octa	PCB-199	0.25	2.78e+05	0.99 y	51:39	-	0.87
161	Octa	PCB-196/203	0.50	5.16e+05	0.88 y	51:57	-	0.81
162	Octa	PCB-195	0.25	2.75e+05	0.86 y	53:10	-	1.11

163	Octa	PCB-194	0.25	3.27e+05	0.83	y	54:04	-	1.32
164	Octa	PCB-205	0.25	3.48e+05	0.86	y	54:20	-	1.40
165	Nona	PCB-208	0.25	3.31e+05	1.17	y	53:19	-	0.92
166	Nona	PCB-207	0.25	3.21e+05	1.45	y	53:38	-	0.89
167	Nona	PCB-206	0.25	2.41e+05	1.29	y	55:37	-	0.93
168	Deca	PCB-209	0.25	2.50e+05	1.11	y	56:56	-	1.12
169	Tot ╗	Total Mono-PCB	0.00	-	-	n	-	-	1.16
170	Tot ╗	Total Di-PCB	0.00	-	-	n	-	-	1.09

171	Tot ¶	Total Tri-PCB	0.00	-	- n	-	-	1.21
172	Tot ¶	Total Tri-PCB	0.00	-	- n	-	-	1.10
173	Tot ¶	Total Tetra-PCB	0.00	-	- n	-	-	1.14
174	Tot ¶	Total Penta-PCB	0.00	-	- n	-	-	1.25
175	Tot ¶	Total Penta-PCB	0.00	-	- n	-	-	1.18
176	Tot ¶	Total Hexa-PCB	0.00	-	- n	-	-	0.95
177	Tot ¶	Total Hexa-PCB	0.00	-	- n	-	-	1.07
178	Tot ¶	Total Hepta-PCB	0.00	-	- n	-	-	1.44
179	Tot ¶	Total Octa-PCB	0.00	-	- n	-	-	0.98
180	Tot ¶	Total Octa-PCB	0.00	-	- n	-	-	1.28
181	Tot ¶	Total Nona-PCB	0.00	-	- n	-	-	0.91
182	Tot ¶	Total Deca-PCB	0.25	2.50e+05	1.11 y	56:56	-	1.12
183	Mono¶	13C-PCB-1	100.00	3.09e+08	3.17 y	15:60	-	1.07
184	Mono¶	13C-PCB-3	100.00	3.35e+08	3.19 y	18:37	-	1.16
185	Di-IS	13C-PCB-4	100.00	1.64e+08	1.57 y	19:58	-	0.57
186	Di-IS	13C-PCB-9	100.00	2.68e+08	1.56 y	21:46	-	0.93
187	Di-IS	13C-PCB-11	100.00	2.77e+08	1.54 y	25:09	-	0.96
188	Tri-¶	13C-PCB-19	100.00	1.77e+08	1.06 y	24:08	-	0.61
189	Tri-¶	13C-PCB-32	100.00	2.62e+08	1.07 y	27:04	-	0.91
190	Tri-¶	13C-PCB-28	100.00	2.74e+08	1.04 y	29:01	-	1.14
191	Tri-¶	13C-PCB-37	100.00	2.49e+08	1.05 y	32:54	-	1.04
192	Tetr¶	13C-PCB-54	100.00	2.45e+08	0.80 y	27:53	-	0.91
193	Tetr¶	13C-PCB-52	100.00	2.02e+08	0.80 y	31:27	-	0.75
194	Tetr¶	13C-PCB-47	100.00	2.19e+08	0.80 y	31:57	-	0.82
195	Tetr¶	13C-PCB-70	100.00	2.63e+08	0.82 y	35:28	-	0.98
196	Tetr¶	13C-PCB-80	100.00	2.66e+08	0.81 y	35:53	-	0.99
197	Tetr¶	13C-PCB-81	100.00	2.70e+08	0.80 y	38:59	-	1.01
198	Tetr¶	13C-PCB-77	100.00	2.56e+08	0.80 y	39:34	-	0.95
199	Pent¶	13C-PCB-104	100.00	1.68e+08	1.59 y	32:36	-	0.99
200	Pent¶	13C-PCB-95	100.00	1.34e+08	1.59 y	35:46	-	0.78
201	Pent¶	13C-PCB-101	100.00	1.36e+08	1.58 y	37:27	-	0.80
202	Pent¶	13C-PCB-97	100.00	1.20e+08	1.59 y	38:44	-	0.70
203	Pent¶	13C-PCB-123	100.00	1.61e+08	1.58 y	41:18	-	0.95
204	Pent¶	13C-PCB-118	100.00	1.69e+08	1.61 y	41:29	-	0.99
205	Pent¶	13C-PCB-114	100.00	1.67e+08	1.58 y	42:08	-	1.18
206	Pent¶	13C-PCB-105	100.00	1.58e+08	1.57 y	42:60	-	1.11
207	Pent¶	13C-PCB-127	100.00	1.77e+08	1.59 y	43:20	-	1.25
208	Pent¶	13C-PCB-126	100.00	1.62e+08	1.58 y	45:14	-	1.14
209	Hexa¶	13C-PCB-155	100.00	1.43e+08	1.29 y	36:60	-	0.84
210	Hexa¶	13C-PCB-153	100.00	1.89e+08	1.26 y	43:10	-	1.33
211	Hexa¶	13C-PCB-141	100.00	1.56e+08	1.28 y	43:54	-	1.10
212	Hexa	13C-PCB-138	100.00	1.65e+08	1.28 y	44:44	-	1.16
213	Hexa¶	13C-PCB-159	100.00	1.96e+08	1.27 y	46:02	-	1.38
214	Hexa¶	13C-PCB-167	100.00	1.98e+08	1.28 y	46:42	-	1.40
215	Hexa¶	13C-PCB-156	100.00	1.95e+08	1.26 y	47:59	-	1.37
216	Hexa¶	13C-PCB-157	100.00	1.94e+08	1.28 y	48:16	-	1.36
217	Hexa¶	13C-PCB-169	100.00	1.91e+08	1.27 y	50:28	-	1.35
218	Hept¶	13C-PCB-188	100.00	1.36e+08	0.46 y	42:47	-	1.37
219	Hept¶	13C-PCB-180	100.00	9.59e+07	0.46 y	49:17	-	0.97
220	Hept¶	13C-PCB-170	100.00	8.27e+07	0.47 y	50:53	-	0.83
221	Hept¶	13C-PCB-189	100.00	1.12e+08	0.46 y	52:29	-	1.13

222	Octa╗	13C-PCB-202	100.00	1.27e+08	0.90	y	48:12	-	1.28
223	Octa╗	13C-PCB-194	100.00	9.93e+07	0.90	y	54:03	-	0.76
224	Nona╗	13C-PCB-208	100.00	1.44e+08	0.78	y	53:18	-	1.11
225	Nona╗	13C-PCB-206	100.00	1.04e+08	0.79	y	55:36	-	0.80
226	Deca╗	13C-PCB-209	100.00	8.93e+07	1.20	y	56:55	-	0.69
227	DI-RS	13C-PCB-15	100.00	2.89e+08	1.55	y	25:52	-	1.00
228	Tri-╗	13C-PCB-31	100.00	2.39e+08	1.05	y	28:55	-	1.00
229	Tetr╗	13C-PCB-60	100.00	2.68e+08	0.80	y	36:42	-	1.00
230	Penta	13C-PCB-111	100.00	1.70e+08	1.59	y	39:11	-	1.00
231	Hexa╗	13C-PCB-128	100.00	1.42e+08	1.28	y	46:18	-	1.00

232	Hept╗	13C-PCB-182	100.00	9.93e+07	0.46 y	46:07	-	1.00
233	Octa╗	13C-PCB-205	100.00	1.30e+08	0.90 y	54:19	-	1.00
234	CRS	13C-PCB-79	100.00	2.74e+08	0.80 y	37:45	-	1.02
235	CRS	13C-PCB-178	100.00	9.16e+07	0.45 y	45:35	-	0.92
236	PS	13C-PCB-79	100.00	2.74e+08	0.80 y	37:45	-	1.02
237	PS	13C-PCB-178	100.00	9.16e+07	0.45 y	45:35	-	0.95

Filename: 180208E1 S: 2 Acquired: 8-FEB-18 09:39:46
Run: 180208E1 Analyte: PCBNEW ICal: PCBVG8-2-8-18 Results:
Sample text: ST180208E1-2 PCB CS1 17L3004

	Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Mono	PCB-1	1.00	3.49e+06	2.97 y	16:02	-	1.15
2	Mono	PCB-2	1.00	3.67e+06	3.12 y	18:25	-	1.13
3	Mono	PCB-3	1.00	3.61e+06	2.92 y	18:39	-	1.11
4	Di	PCB-4/10	2.00	4.31e+06	1.57 y	20:02	-	1.35
5	Di	PCB-7/9	2.00	5.51e+06	1.59 y	21:49	-	1.07
6	Di	PCB-6	1.00	2.88e+06	1.59 y	22:28	-	1.12
7	Di	PCB-5/8	2.00	5.74e+06	1.53 y	22:53	-	1.11
8	Di	PCB-14	1.00	2.95e+06	1.54 y	23:59	-	1.13
9	Di	PCB-11	1.00	3.10e+06	1.62 y	25:11	-	1.19
10	Di	PCB-12/13	2.00	5.70e+06	1.62 y	25:34	-	1.10
11	Di	PCB-15	1.00	3.02e+06	1.59 y	25:53	-	1.16
12	Tri	PCB-19	1.00	2.12e+06	1.02 y	24:10	-	1.27
13	Tri	PCB-30	1.00	3.52e+06	1.00 y	25:04	-	2.11
14	Tri	PCB-18	1.00	2.41e+06	1.07 y	25:49	-	0.97
15	Tri	PCB-17	1.00	2.27e+06	1.05 y	25:59	-	0.91
16	Tri	PCB-24/27	2.00	6.17e+06	1.08 y	26:34	-	1.24
17	Tri	PCB-16/32	2.00	5.42e+06	1.07 y	27:04	-	1.09
18	Tri	PCB-34	1.00	2.55e+06	1.07 y	27:53	-	1.05
19	Tri	PCB-23	1.00	2.30e+06	1.14 y	27:58	-	0.95
20	Tri	PCB-29	1.00	2.39e+06	1.10 y	28:13	-	0.98
21	Tri	PCB-26	1.00	2.52e+06	1.03 y	28:26	-	1.04
22	Tri	PCB-25	1.00	2.61e+06	1.07 y	28:36	-	1.08
23	Tri	PCB-31	1.00	2.66e+06	1.04 y	28:56	-	1.09
24	Tri	PCB-28	1.00	2.94e+06	1.08 y	29:03	-	1.21
25	Tri	PCB-20/21/33	3.00	7.32e+06	1.07 y	29:39	-	1.00
26	Tri	PCB-22	1.00	2.71e+06	1.07 y	30:07	-	1.11
27	Tri	PCB-36	1.00	2.72e+06	1.10 y	30:43	-	1.25
28	Tri	PCB-39	1.00	2.46e+06	1.03 y	31:11	-	1.13
29	Tri	PCB-38	1.00	2.55e+06	1.01 y	31:58	-	1.17
30	Tri	PCB-35	1.00	2.63e+06	1.08 y	32:29	-	1.20
31	Tri	PCB-37	1.00	2.52e+06	1.01 y	32:55	-	1.15
32	Tetra	PCB-54	1.00	2.62e+06	0.81 y	27:55	-	1.13
33	Tetra	PCB-50	1.00	2.14e+06	0.73 y	29:05	-	0.92
34	Tetra	PCB-53	1.00	2.03e+06	0.88 y	29:44	-	1.11
35	Tetra	PCB-51	1.00	2.19e+06	0.79 y	30:04	-	1.19
36	Tetra	PCB-45	1.00	1.73e+06	0.79 y	30:31	-	0.94
37	Tetra	PCB-46	1.00	1.65e+06	0.82 y	31:00	-	0.90
38	Tetra	PCB-52/69	2.00	4.54e+06	0.75 y	31:29	-	1.24
39	Tetra	PCB-73	1.00	2.92e+06	0.78 y	31:35	-	1.60
40	Tetra	PCB-43/49	2.00	4.02e+06	0.83 y	31:46	-	1.10
41	Tetra	PCB-47	1.00	2.08e+06	0.78 y	31:58	-	1.05

42	Tetra	PCB-48/75	2.00	4.67e+06	0.81 y	32:05	-	1.18
43	Tetra	PCB-65	1.00	2.52e+06	0.79 y	32:21	-	1.28
44	Tetra	PCB-62	1.00	2.43e+06	0.79 y	32:27	-	1.23
45	Tetra	PCB-44	1.00	1.87e+06	0.79 y	32:46	-	0.95
46	Tetra	PCB-42/59	2.00	4.27e+06	0.80 y	32:59	-	1.08
47	Tetra	PCB-41/64/71/72	4.00	9.61e+06	0.77 y	33:35	-	1.22
48	Tetra	PCB-68	1.00	2.59e+06	0.87 y	33:51	-	1.31
49	Tetra	PCB-40	1.00	1.31e+06	0.81 y	34:03	-	0.66
50	Tetra	PCB-57	1.00	2.93e+06	0.76 y	34:25	-	1.26
51	Tetra	PCB-67	1.00	2.78e+06	0.80 y	34:43	-	1.20
52	Tetra	PCB-58	1.00	2.73e+06	0.81 y	34:50	-	1.18

53	Tetra	PCB-63	1.00	2.42e+06	0.79 y	34:59	-	1.04
54	Tetra	PCB-74	1.00	2.97e+06	0.84 y	35:17	-	1.28
55	Tetra	PCB-61/70	2.00	5.06e+06	0.79 y	35:27	-	1.09
56	Tetra	PCB-76/66	2.00	5.62e+06	0.75 y	35:40	-	1.21
57	Tetra	PCB-80	1.00	2.95e+06	0.76 y	35:54	-	1.30
58	Tetra	PCB-55	1.00	2.81e+06	0.79 y	36:13	-	1.24
59	Tetra	PCB-56/60	2.00	5.08e+06	0.80 y	36:42	-	1.12
60	Tetra	PCB-79	1.00	2.83e+06	0.79 y	37:47	-	1.25
61	Tetra	PCB-78	1.00	2.75e+06	0.77 y	38:28	-	1.19
62	Tetra	PCB-81	1.00	2.44e+06	0.82 y	39:00	-	1.06
63	Tetra	PCB-77	1.00	2.48e+06	0.77 y	39:35	-	1.15
64	Penta	PCB-104	1.00	1.78e+06	1.64 y	32:37	-	1.18
65	Penta	PCB-96	1.00	1.85e+06	1.55 y	33:53	-	1.22
66	Penta	PCB-103	1.00	1.49e+06	1.59 y	34:26	-	0.98
67	Penta	PCB-100	1.00	1.47e+06	1.62 y	34:46	-	0.98
68	Penta	PCB-94	1.00	1.14e+06	1.59 y	35:15	-	0.96
69	Penta	PCB-95/98/102	3.00	4.39e+06	1.64 y	35:44	-	1.23
70	Penta	PCB-93	1.00	1.16e+06	1.71 y	35:52	-	0.98
71	Penta	PCB-88/91	2.00	2.53e+06	1.71 y	36:09	-	1.07
72	Penta	PCB-121	1.00	2.05e+06	1.54 y	36:16	-	1.73
73	Penta	PCB-84/92	2.00	2.46e+06	1.56 y	37:05	-	1.04
74	Penta	PCB-89	1.00	1.33e+06	1.62 y	37:16	-	1.12
75	Penta	PCB-90/101	2.00	2.69e+06	1.73 y	37:28	-	1.13
76	Penta	PCB-113	1.00	1.86e+06	1.50 y	37:42	-	1.57
77	Penta	PCB-99	1.00	1.54e+06	1.58 y	37:48	-	1.30
78	Penta	PCB-119	1.00	1.87e+06	1.54 y	38:15	-	1.81
79	Penta	PCB-108/112	2.00	3.16e+06	1.56 y	38:24	-	1.53
80	Penta	PCB-83	1.00	1.95e+06	1.49 y	38:35	-	1.89
81	Penta	PCB-97	1.00	1.28e+06	1.55 y	38:46	-	1.24
82	Penta	PCB-86	1.00	1.15e+06	1.48 y	38:54	-	1.11
83	Penta	PCB-87/117/125	3.00	5.08e+06	1.58 y	39:02	-	1.64
84	Penta	PCB-111/115	2.00	4.05e+06	1.74 y	39:12	-	1.96
85	Penta	PCB-85/116	2.00	2.77e+06	1.33 y	39:19	-	1.34
86	Penta	PCB-120	1.00	2.21e+06	1.55 y	39:34	-	2.14
87	Penta	PCB-110	1.00	1.74e+06	1.66 y	39:43	-	1.69
88	Penta	PCB-82	1.00	1.20e+06	1.46 y	40:20	-	0.86
89	Penta	PCB-124	1.00	1.86e+06	1.59 y	41:00	-	1.34
90	Penta	PCB-107/109	2.00	3.86e+06	1.57 y	41:09	-	1.39
91	Penta	PCB-123	1.00	1.61e+06	1.58 y	41:19	-	1.16
92	Penta	PCB-106/118	2.00	3.66e+06	1.62 y	41:32	-	1.27
93	Penta	PCB-114	1.00	1.72e+06	1.59 y	42:10	-	1.18
94	Penta	PCB-122	1.00	1.54e+06	1.49 y	42:18	-	1.06
95	Penta	PCB-105	1.00	1.69e+06	1.68 y	43:02	-	1.21
96	Penta	PCB-127	1.00	1.79e+06	1.63 y	43:21	-	1.19
97	Penta	PCB-126	1.00	1.69e+06	1.53 y	45:15	-	1.24
98	Hexa	PCB-155	1.00	1.33e+06	1.18 y	37:01	-	1.07
99	Hexa	PCB-150	1.00	1.33e+06	1.20 y	38:17	-	1.07
100	Hexa	PCB-152	1.00	1.48e+06	1.27 y	38:45	-	1.19
101	Hexa	PCB-145	1.00	1.49e+06	1.14 y	39:12	-	1.20
102	Hexa	PCB-136	1.00	1.34e+06	1.30 y	39:31	-	1.08

103	Hexa	PCB-148	1.00	9.79e+05	1.21	y	39:38	-	0.79
104	Hexa	PCB-154	1.00	1.09e+06	1.37	y	40:07	-	0.87
105	Hexa	PCB-151	1.00	9.47e+05	1.33	y	40:45	-	0.76
106	Hexa	PCB-135	1.00	1.17e+06	1.34	y	40:59	-	0.94
107	Hexa	PCB-144	1.00	9.66e+05	1.40	y	41:06	-	0.78
108	Hexa	PCB-147	1.00	1.01e+06	1.39	y	41:13	-	0.81
109	Hexa	PCB-139/149	2.00	2.28e+06	1.36	y	41:28	-	0.92
110	Hexa	PCB-140	1.00	1.01e+06	1.25	y	41:40	-	0.81
111	Hexa	PCB-134/143	2.00	2.66e+06	1.22	y	42:05	-	0.81
112	Hexa	PCB-131/133	2.00	2.83e+06	1.18	y	42:24	-	0.86
113	Hexa	PCB-142	1.00	1.20e+06	1.27	y	42:33	-	0.73

114	Hexa	PCB-146/165	2.00	3.52e+06	1.21 y	42:47	-	1.07
115	Hexa	PCB-132/161	2.00	3.51e+06	1.24 y	43:01	-	1.07
116	Hexa	PCB-153	1.00	1.90e+06	1.22 y	43:11	-	1.16
117	Hexa	PCB-168	1.00	1.88e+06	1.23 y	43:24	-	1.14
118	Hexa	PCB-141	1.00	1.50e+06	1.24 y	43:55	-	1.10
119	Hexa	PCB-137	1.00	1.62e+06	1.15 y	44:18	-	1.19
120	Hexa	PCB-130	1.00	1.07e+06	1.25 y	44:25	-	0.78
121	Hexa	PCB-138/163/164	3.00	5.60e+06	1.22 y	44:47	-	1.32
122	Hexa	PCB-158/160	2.00	3.64e+06	1.20 y	45:01	-	1.28
123	Hexa	PCB-129	1.00	1.16e+06	1.25 y	45:16	-	0.82
124	Hexa	PCB-166	1.00	2.08e+06	1.20 y	45:42	-	1.24
125	Hexa	PCB-159	1.00	2.07e+06	1.15 y	46:03	-	1.23
126	Hexa	PCB-128/162	2.00	3.24e+06	1.22 y	46:19	-	0.96
127	Hexa	PCB-167	1.00	1.82e+06	1.28 y	46:44	-	1.09
128	Hexa	PCB-156	1.00	1.81e+06	1.20 y	48:00	-	1.13
129	Hexa	PCB-157	1.00	1.72e+06	1.24 y	48:17	-	1.09
130	Hexa	PCB-169	1.00	2.05e+06	1.20 y	50:29	-	1.22
131	Hepta	PCB-188	1.00	1.77e+06	1.04 y	42:49	-	1.46
132	Hepta	PCB-184	1.00	1.71e+06	1.10 y	43:16	-	1.41
133	Hepta	PCB-179	1.00	1.74e+06	1.04 y	44:02	-	1.44
134	Hepta	PCB-176	1.00	1.65e+06	1.18 y	44:30	-	1.36
135	Hepta	PCB-186	1.00	1.90e+06	1.00 y	45:07	-	1.57
136	Hepta	PCB-178	1.00	1.27e+06	1.03 y	45:37	-	1.05
137	Hepta	PCB-175	1.00	1.26e+06	1.01 y	45:56	-	1.04
138	Hepta	PCB-182/187	2.00	2.90e+06	1.11 y	46:08	-	1.20
139	Hepta	PCB-183	1.00	1.42e+06	1.13 y	46:26	-	1.18
140	Hepta	PCB-185	1.00	1.22e+06	1.17 y	47:06	-	1.50
141	Hepta	PCB-174	1.00	1.18e+06	1.05 y	47:28	-	1.46
142	Hepta	PCB-181	1.00	1.26e+06	1.01 y	47:33	-	1.55
143	Hepta	PCB-177	1.00	1.12e+06	1.08 y	47:44	-	1.38
144	Hepta	PCB-171	1.00	1.16e+06	1.16 y	48:01	-	1.43
145	Hepta	PCB-173	1.00	1.06e+06	0.98 y	48:27	-	1.31
146	Hepta	PCB-172	1.00	1.18e+06	1.18 y	48:54	-	1.46
147	Hepta	PCB-192	1.00	1.52e+06	1.03 y	49:05	-	1.88
148	Hepta	PCB-180	1.00	1.26e+06	1.07 y	49:18	-	1.56
149	Hepta	PCB-193	1.00	1.51e+06	1.02 y	49:30	-	1.86
150	Hepta	PCB-191	1.00	1.46e+06	1.11 y	49:45	-	1.81
151	Hepta	PCB-170	1.00	1.18e+06	1.10 y	50:54	-	1.63
152	Hepta	PCB-190	1.00	1.56e+06	1.05 y	51:04	-	2.15
153	Hepta	PCB-189	1.00	1.51e+06	1.11 y	52:30	-	1.56
154	Octa	PCB-202	1.00	1.11e+06	0.90 y	48:14	-	1.08
155	Octa	PCB-201	1.00	1.05e+06	0.87 y	48:43	-	1.02
156	Octa	PCB-204	1.00	1.23e+06	0.87 y	48:52	-	1.19
157	Octa	PCB-197	1.00	1.27e+06	0.84 y	49:11	-	1.24
158	Octa	PCB-200	1.00	1.18e+06	0.95 y	50:05	-	1.15
159	Octa	PCB-198	1.00	9.78e+05	0.96 y	51:33	-	0.95
160	Octa	PCB-199	1.00	9.25e+05	0.89 y	51:40	-	0.90
161	Octa	PCB-196/203	2.00	2.01e+06	0.94 y	51:57	-	0.98
162	Octa	PCB-195	1.00	1.03e+06	0.84 y	53:10	-	1.11
163	Octa	PCB-194	1.00	1.11e+06	0.88 y	54:03	-	1.21

164	Octa	PCB-205	1.00	1.30e+06	0.94	y	54:19	-	1.41
165	Nona	PCB-208	1.00	1.20e+06	1.30	y	53:19	-	0.92
166	Nona	PCB-207	1.00	1.27e+06	1.34	y	53:39	-	0.97
167	Nona	PCB-206	1.00	8.81e+05	1.30	y	55:38	-	0.92
168	Deca	PCB-209	1.00	9.72e+05	1.19	y	56:57	-	1.09
169	Tot ╗	Total Mono-PCB	0.00	-	-	n	-	-	1.13
170	Tot ╗	Total Di-PCB	0.00	-	-	n	-	-	1.12
171	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.24

172	Tot ¶	Total Tri-PCB	0.00	-	-	n	-	-	1.09
173	Tot ¶	Total Tetra-PCB	0.00	-	-	n	-	-	1.13
174	Tot ¶	Total Penta-PCB	0.00	-	-	n	-	-	1.25
175	Tot ¶	Total Penta-PCB	0.00	-	-	n	-	-	1.17
176	Tot ¶	Total Hexa-PCB	0.00	-	-	n	-	-	0.94
177	Tot ¶	Total Hexa-PCB	0.00	-	-	n	-	-	1.07
178	Tot ¶	Total Hepta-PCB	0.00	-	-	n	-	-	1.42
179	Tot ¶	Total Octa-PCB	0.00	-	-	n	-	-	1.05
180	Tot ¶	Total Octa-PCB	0.00	-	-	n	-	-	1.24
181	Tot ¶	Total Nona-PCB	0.00	-	-	n	-	-	0.94
182	Tot ¶	Total Deca-PCB	1.00	9.72e+05	1.19	y	56:57	-	1.09
183	Mono¶	13C-PCB-1	100.00	3.02e+08	3.16	y	16:01	-	1.10
184	Mono¶	13C-PCB-3	100.00	3.24e+08	3.17	y	18:38	-	1.18
185	Di-IS	13C-PCB-4	100.00	1.60e+08	1.58	y	19:59	-	0.58
186	Di-IS	13C-PCB-9	100.00	2.58e+08	1.55	y	21:46	-	0.94
187	Di-IS	13C-PCB-11	100.00	2.60e+08	1.54	y	25:10	-	0.94
188	Tri-¶	13C-PCB-19	100.00	1.67e+08	1.04	y	24:09	-	0.61
189	Tri-¶	13C-PCB-32	100.00	2.49e+08	1.05	y	27:04	-	0.90
190	Tri-¶	13C-PCB-28	100.00	2.43e+08	1.04	y	29:02	-	1.10
191	Tri-¶	13C-PCB-37	100.00	2.18e+08	1.05	y	32:54	-	0.99
192	Tetr¶	13C-PCB-54	100.00	2.33e+08	0.79	y	27:54	-	1.01
193	Tetr¶	13C-PCB-52	100.00	1.83e+08	0.80	y	31:27	-	0.79
194	Tetr¶	13C-PCB-47	100.00	1.97e+08	0.80	y	31:57	-	0.85
195	Tetr¶	13C-PCB-70	100.00	2.32e+08	0.80	y	35:28	-	1.00
196	Tetr¶	13C-PCB-80	100.00	2.27e+08	0.79	y	35:53	-	0.98
197	Tetr¶	13C-PCB-81	100.00	2.31e+08	0.80	y	38:59	-	1.00
198	Tetr¶	13C-PCB-77	100.00	2.17e+08	0.81	y	39:35	-	0.94
199	Pent¶	13C-PCB-104	100.00	1.51e+08	1.55	y	32:36	-	1.02
200	Pent¶	13C-PCB-95	100.00	1.19e+08	1.58	y	35:46	-	0.80
201	Pent¶	13C-PCB-101	100.00	1.19e+08	1.59	y	37:28	-	0.80
202	Pent¶	13C-PCB-97	100.00	1.03e+08	1.60	y	38:45	-	0.70
203	Pent¶	13C-PCB-123	100.00	1.39e+08	1.59	y	41:18	-	0.93
204	Pent¶	13C-PCB-118	100.00	1.44e+08	1.64	y	41:30	-	0.97
205	Pent¶	13C-PCB-114	100.00	1.46e+08	1.58	y	42:09	-	1.20
206	Pent¶	13C-PCB-105	100.00	1.40e+08	1.60	y	43:00	-	1.16
207	Pent¶	13C-PCB-127	100.00	1.50e+08	1.56	y	43:20	-	1.24
208	Pent¶	13C-PCB-126	100.00	1.37e+08	1.59	y	45:14	-	1.13
209	Hexa¶	13C-PCB-155	100.00	1.24e+08	1.32	y	36:60	-	0.84
210	Hexa¶	13C-PCB-153	100.00	1.65e+08	1.26	y	43:10	-	1.36
211	Hexa¶	13C-PCB-141	100.00	1.36e+08	1.28	y	43:55	-	1.13
212	Hexa	13C-PCB-138	100.00	1.42e+08	1.26	y	44:45	-	1.17
213	Hexa¶	13C-PCB-159	100.00	1.68e+08	1.28	y	46:02	-	1.39
214	Hexa¶	13C-PCB-167	100.00	1.67e+08	1.29	y	46:43	-	1.38
215	Hexa¶	13C-PCB-156	100.00	1.60e+08	1.26	y	47:60	-	1.32
216	Hexa¶	13C-PCB-157	100.00	1.58e+08	1.28	y	48:16	-	1.30
217	Hexa¶	13C-PCB-169	100.00	1.69e+08	1.26	y	50:28	-	1.39
218	Hept¶	13C-PCB-188	100.00	1.21e+08	0.45	y	42:48	-	1.40
219	Hept¶	13C-PCB-180	100.00	8.10e+07	0.47	y	49:17	-	0.93
220	Hept¶	13C-PCB-170	100.00	7.27e+07	0.46	y	50:52	-	0.84
221	Hept¶	13C-PCB-189	100.00	9.67e+07	0.46	y	52:29	-	1.12
222	Octa¶	13C-PCB-202	100.00	1.03e+08	0.92	y	48:13	-	1.19

223	Octa╗	13C-PCB-194	100.00	9.21e+07	0.91 y	54:03	-	0.76
224	Nona╗	13C-PCB-208	100.00	1.30e+08	0.79 y	53:19	-	1.08
225	Nona╗	13C-PCB-206	100.00	9.62e+07	0.76 y	55:37	-	0.80
226	Deca╗	13C-PCB-209	100.00	8.88e+07	1.19 y	56:56	-	0.74
227	DI-RS	13C-PCB-15	100.00	2.76e+08	1.56 y	25:52	-	1.00
228	Tri-╗	13C-PCB-31	100.00	2.21e+08	1.05 y	28:55	-	1.00
229	Tetr╗	13C-PCB-60	100.00	2.31e+08	0.80 y	36:42	-	1.00
230	Penta	13C-PCB-111	100.00	1.48e+08	1.60 y	39:11	-	1.00
231	Hexa╗	13C-PCB-128	100.00	1.21e+08	1.26 y	46:18	-	1.00
232	Hept╗	13C-PCB-182	100.00	8.67e+07	0.46 y	46:08	-	1.00

233	Octa$_{\pi}$	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	*	*	*	*	*	*

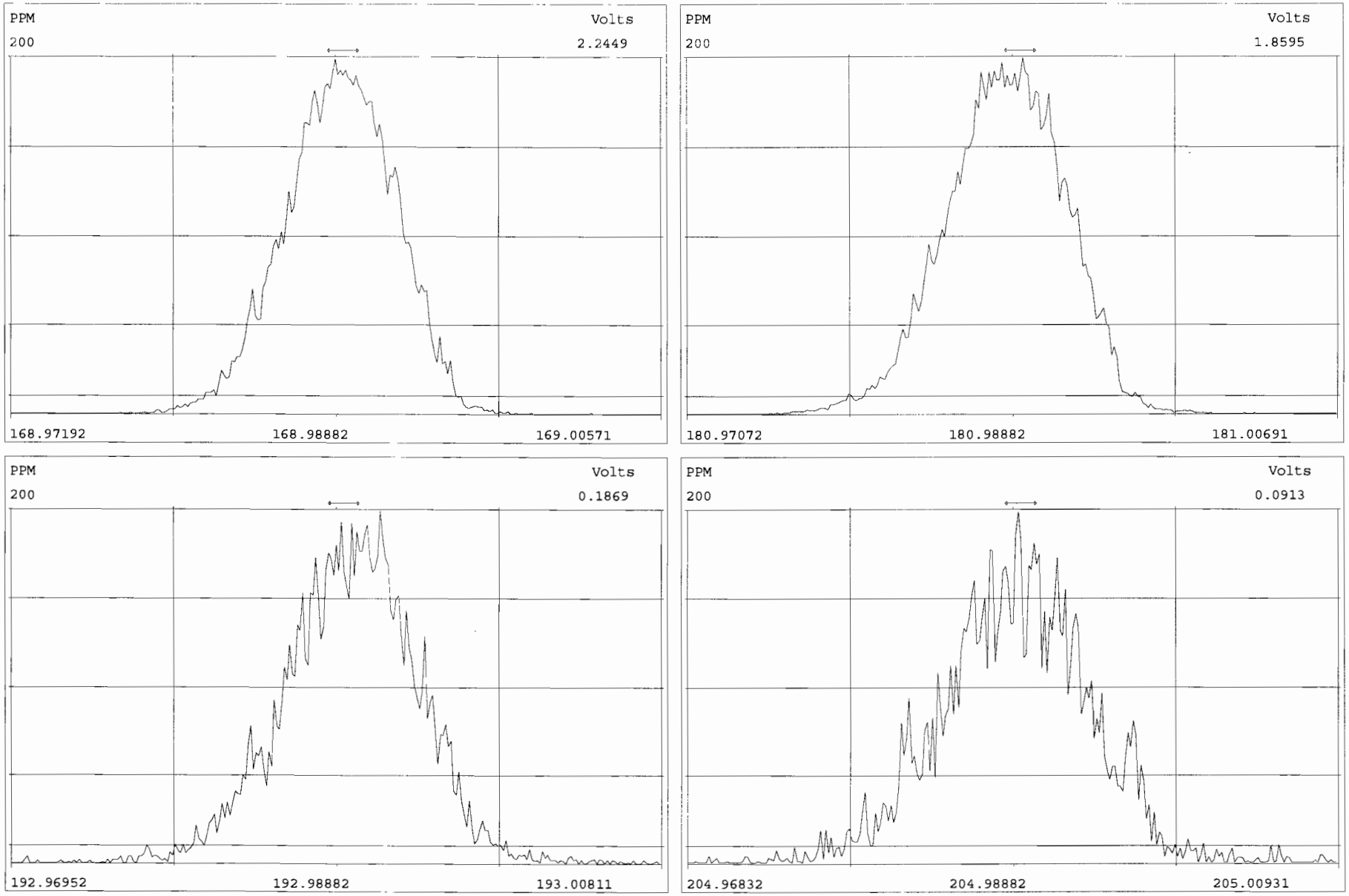
13C-PCB-205	0.000	-0.000	*	*	*	*	*	*
13C-PCB-79	1.024	-1.034	1.029	1.029	1.029	1.029	1.029	1.029
13C-PCB-178	0.980	-0.990	0.985	0.985	0.985	0.985	0.985	0.985
13C-PCB-79	0.963	-0.973	0.969	0.969	0.969	0.969	0.969	0.969
13C-PCB-178	0.920	-0.930	0.925	0.925	0.925	0.925	0.925	0.925

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

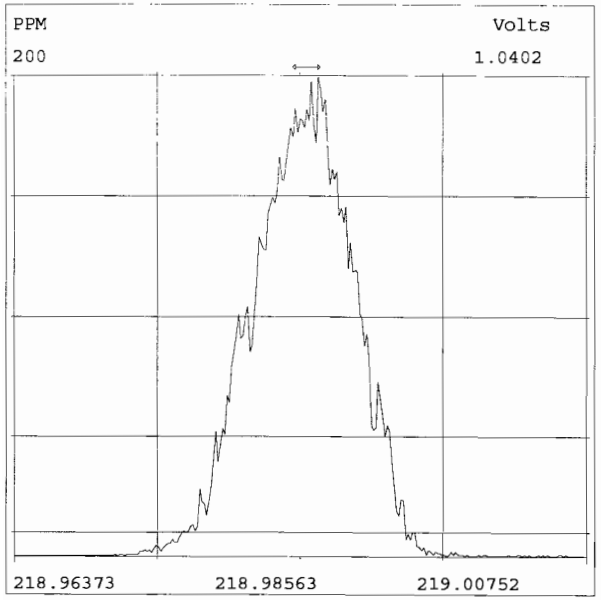
Peak Locate Examination: 8-FEB-2018:08:33 File:180208E1

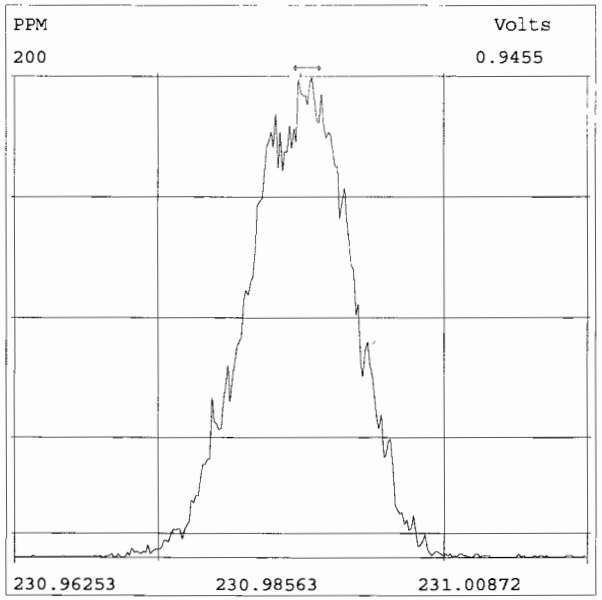
Experiment:PCB_ZB1 Function:1 Reference:PFK

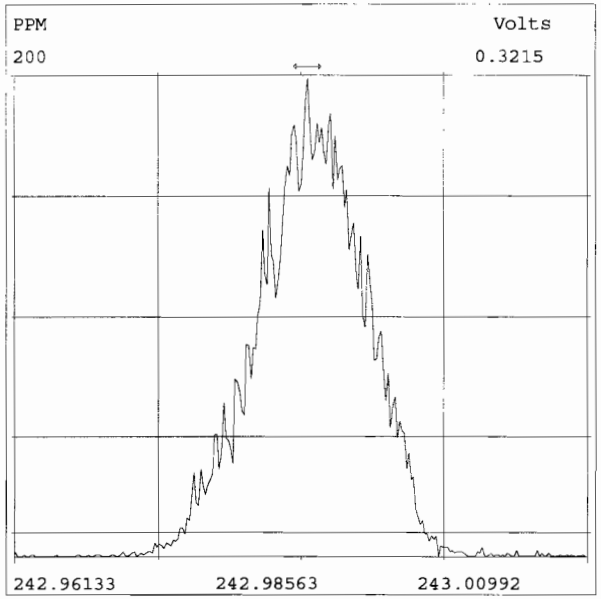


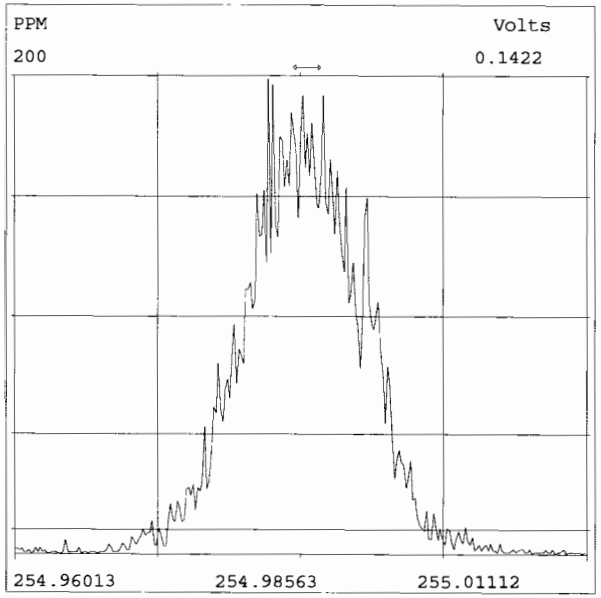
Peak Locate Examination: 8-FEB-2018:08:33 File:180208E1

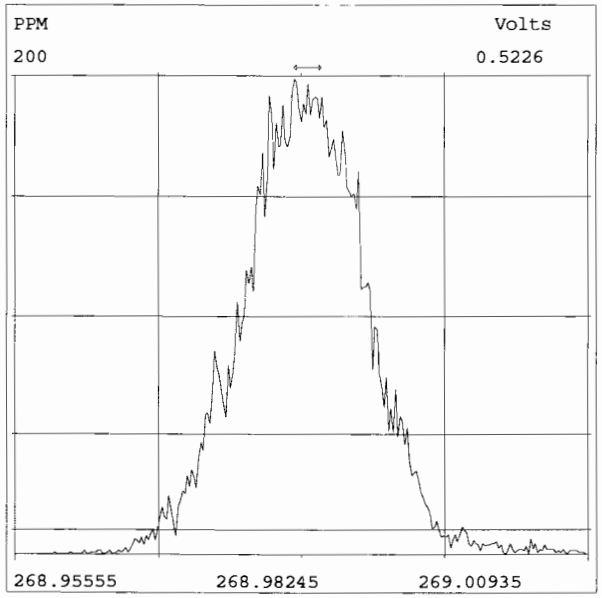
Experiment:PCB_ZB1 Function:2 Reference:PFK

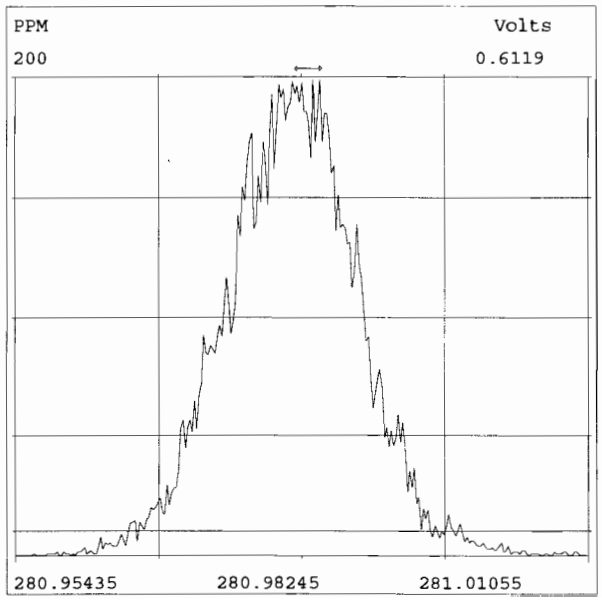






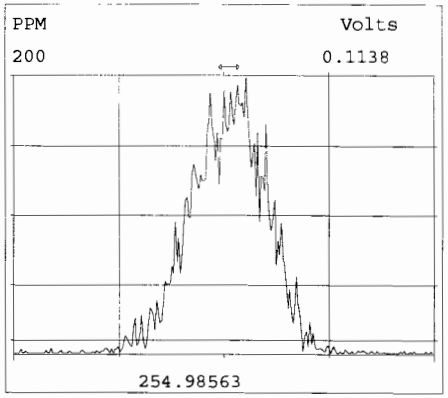


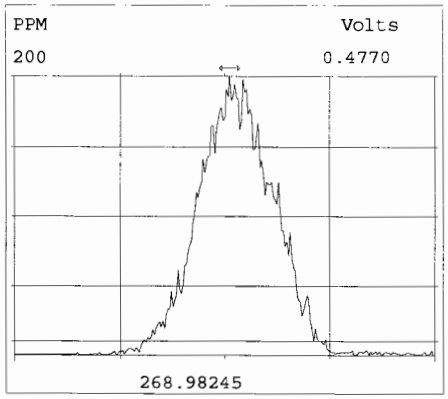


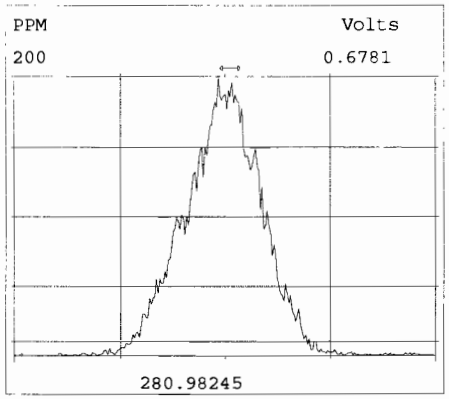


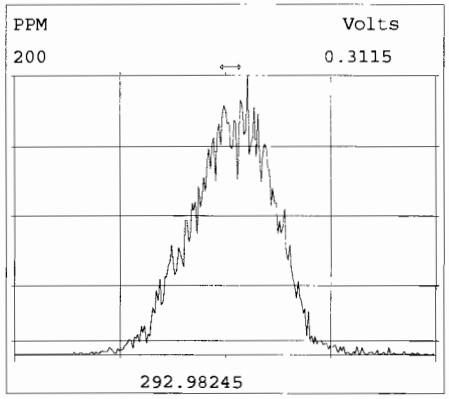
Peak Locate Examination: 8-FEB-2018:08:33 File:180208E1

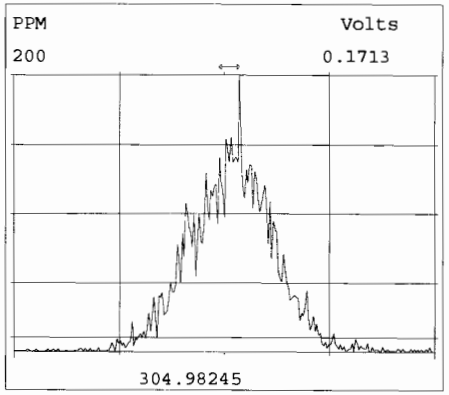
Experiment:PCB_ZB1 Function:3 Reference:PFK

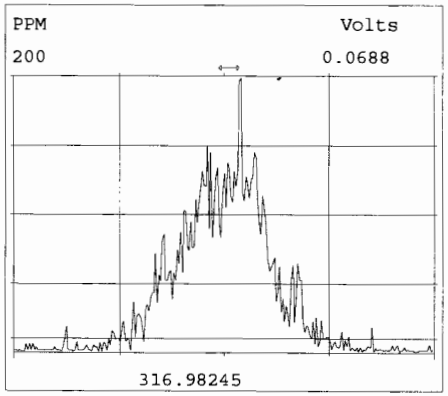


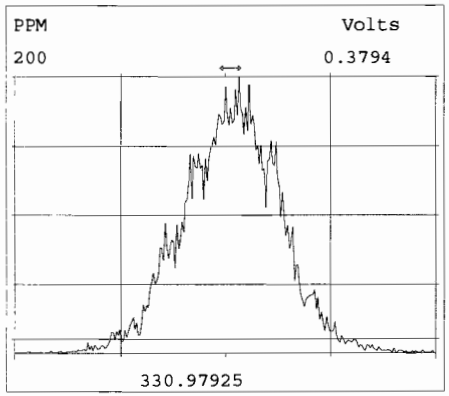


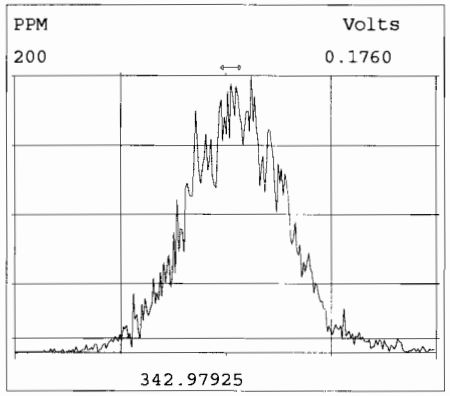


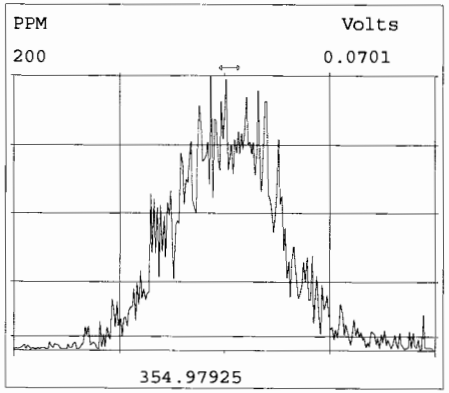


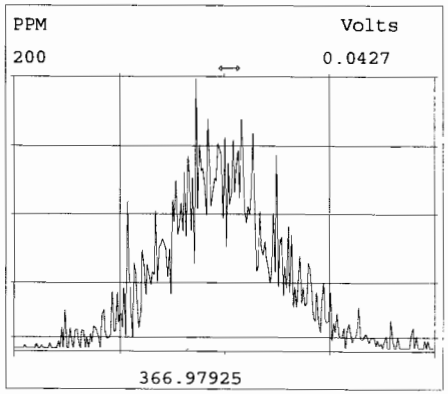


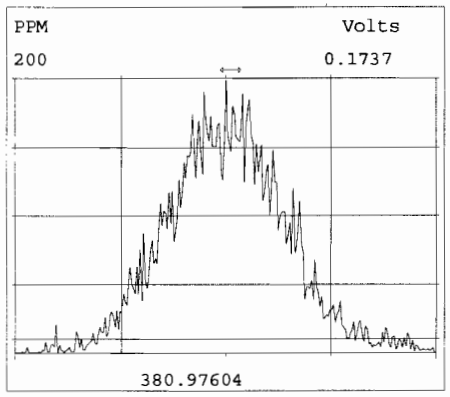






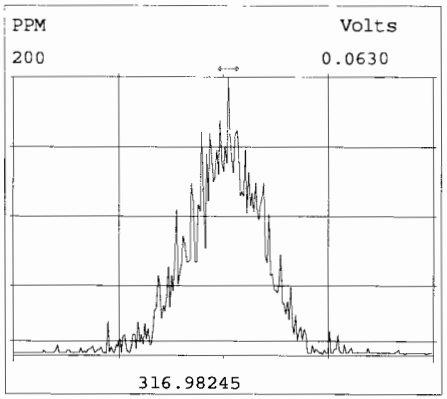


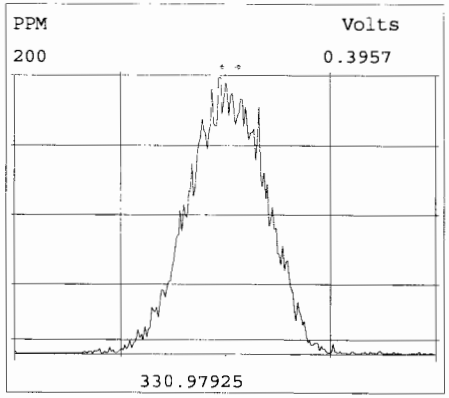


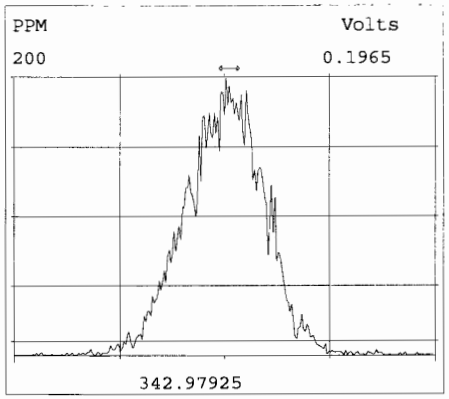


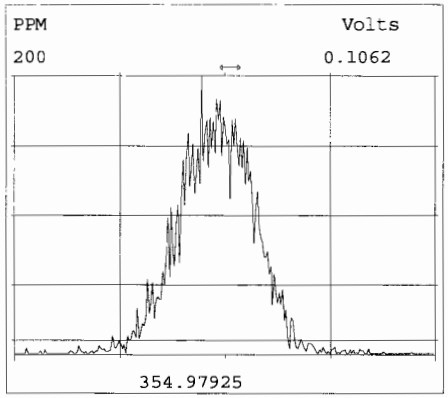
Peak Locate Examination: 8-FEB-2018:08:34 File:180208E1

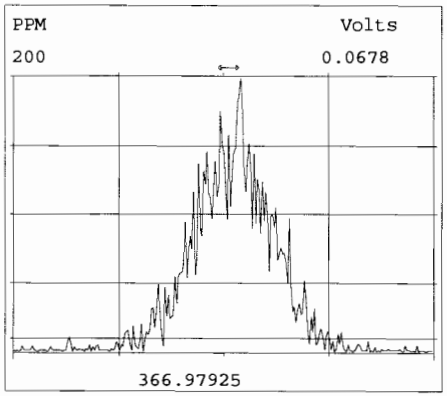
Experiment:PCB_ZB1 Function:4 Reference:PFK

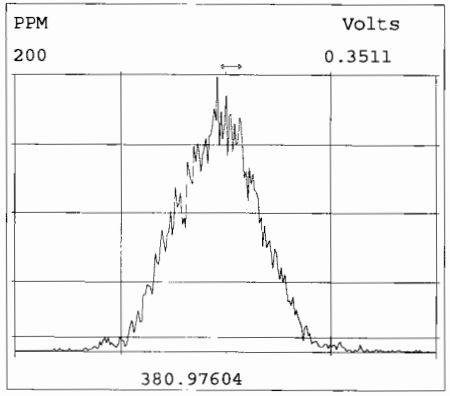


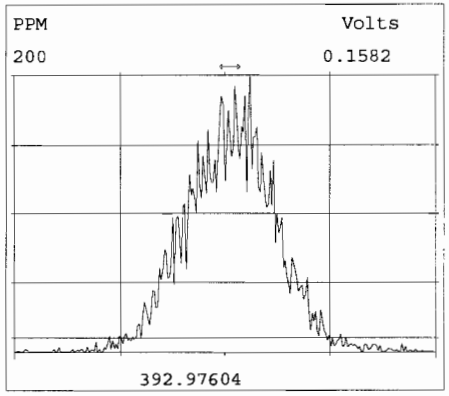


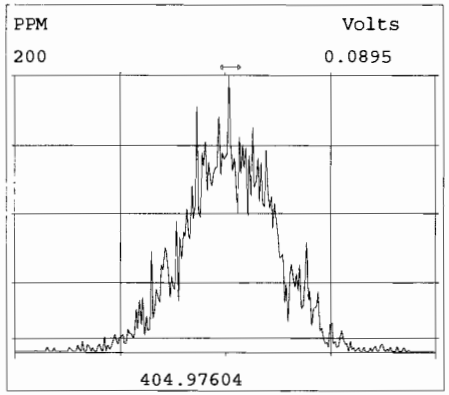


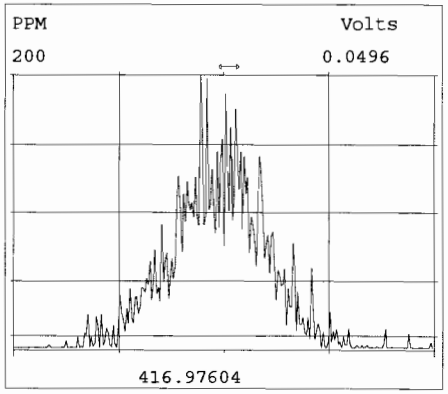


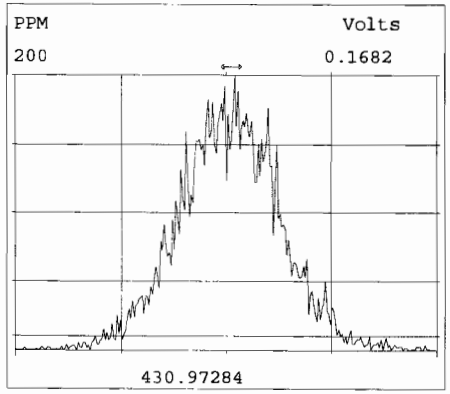


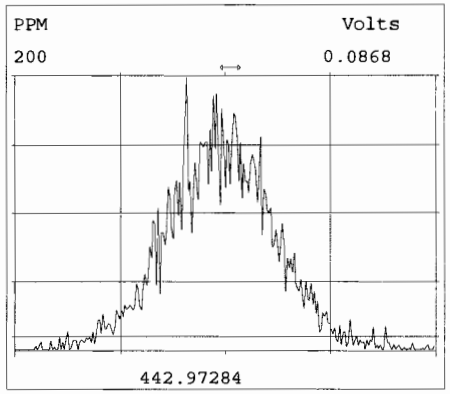






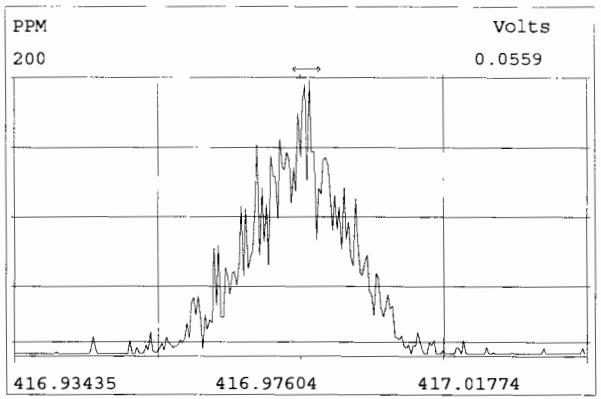


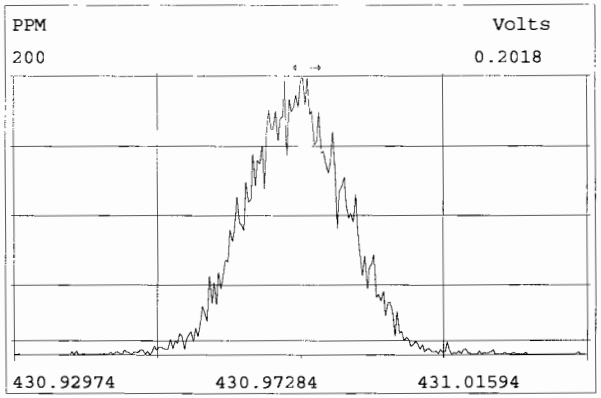


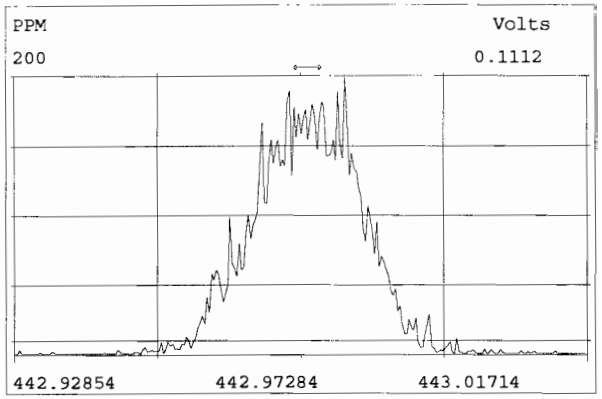


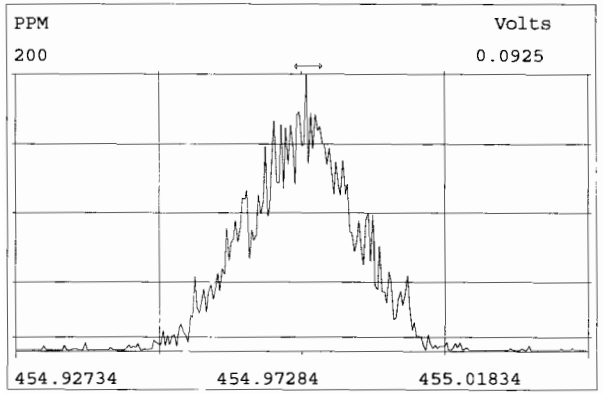
Peak Locate Examination: 8-FEB-2018:08:34 File:180208E1

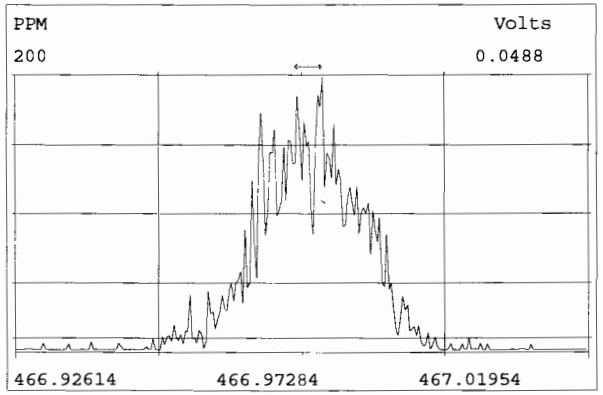
Experiment:PCB_ZB1 Function:5 Reference:PFK

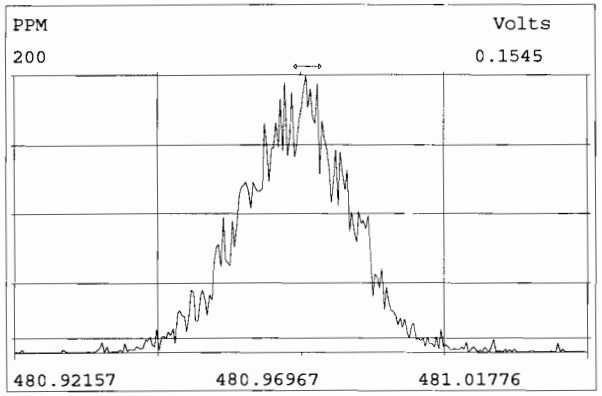


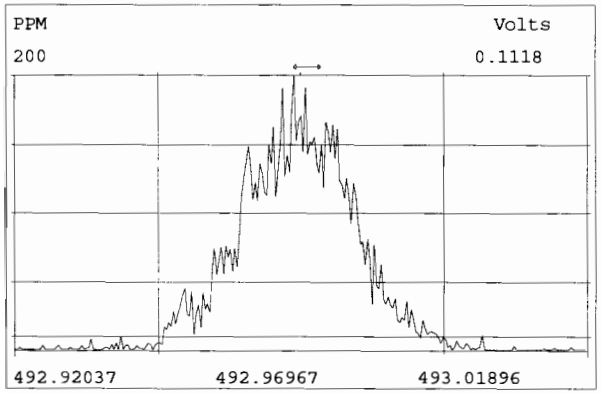


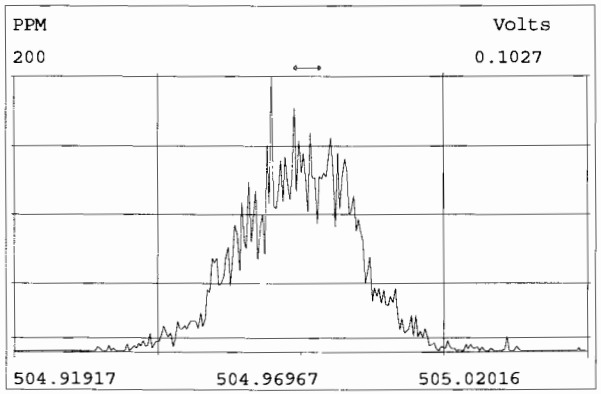


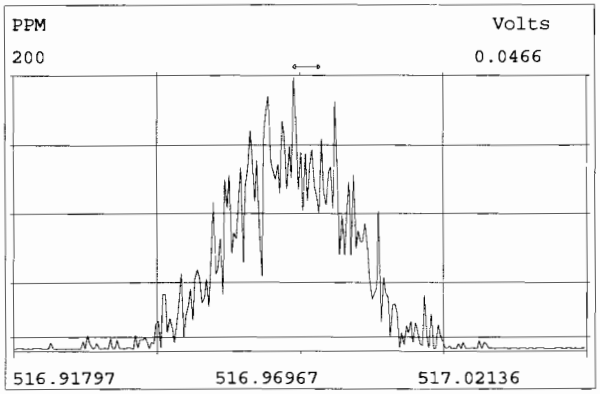




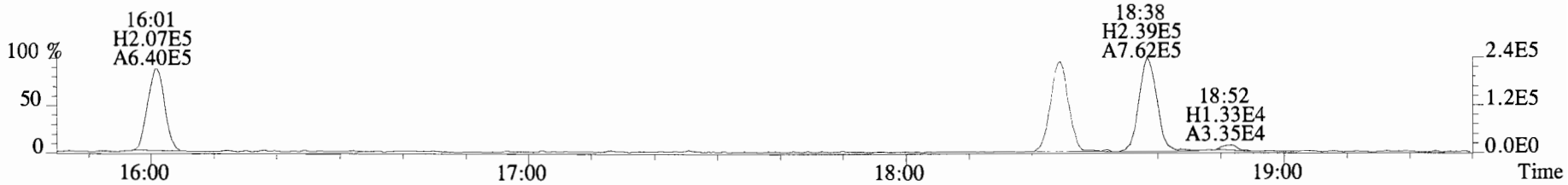




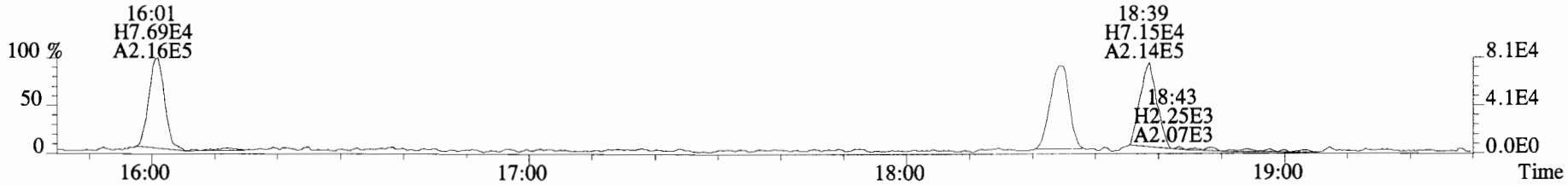




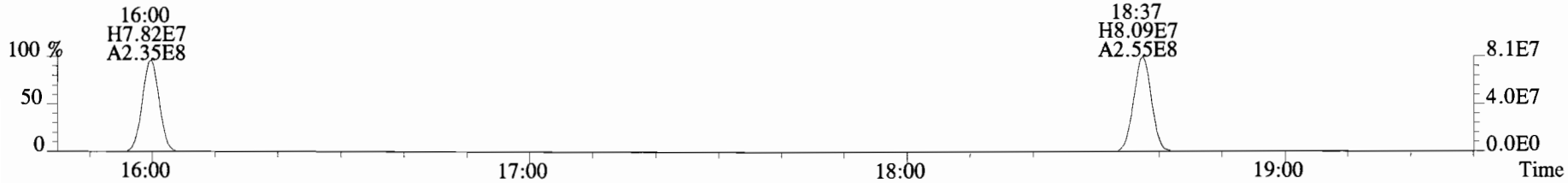
File:180208E1 #1-866 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
188.0393 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5684.0,0.00%,F,F)



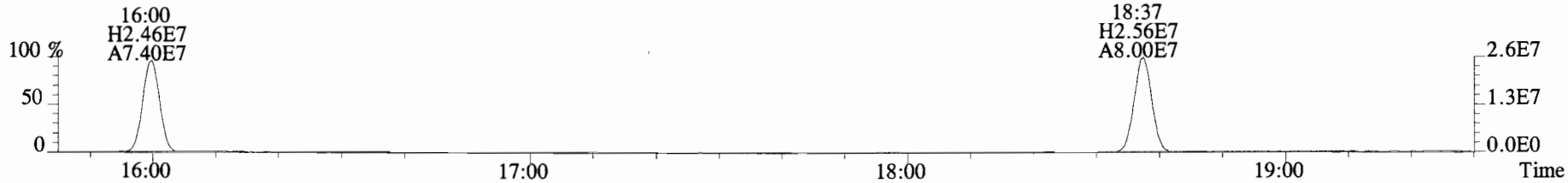
190.0363 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3772.0,0.00%,F,F)



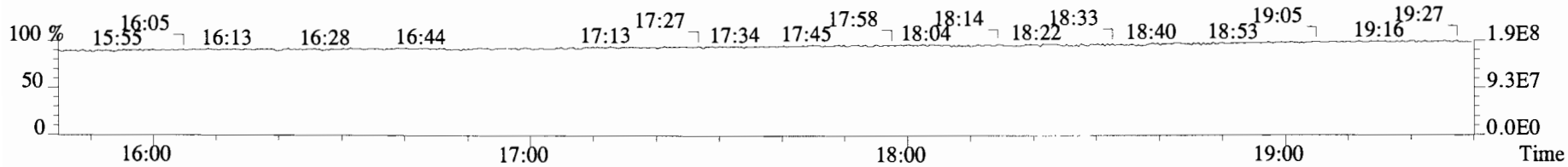
200.0795 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7776.0,0.00%,F,F)



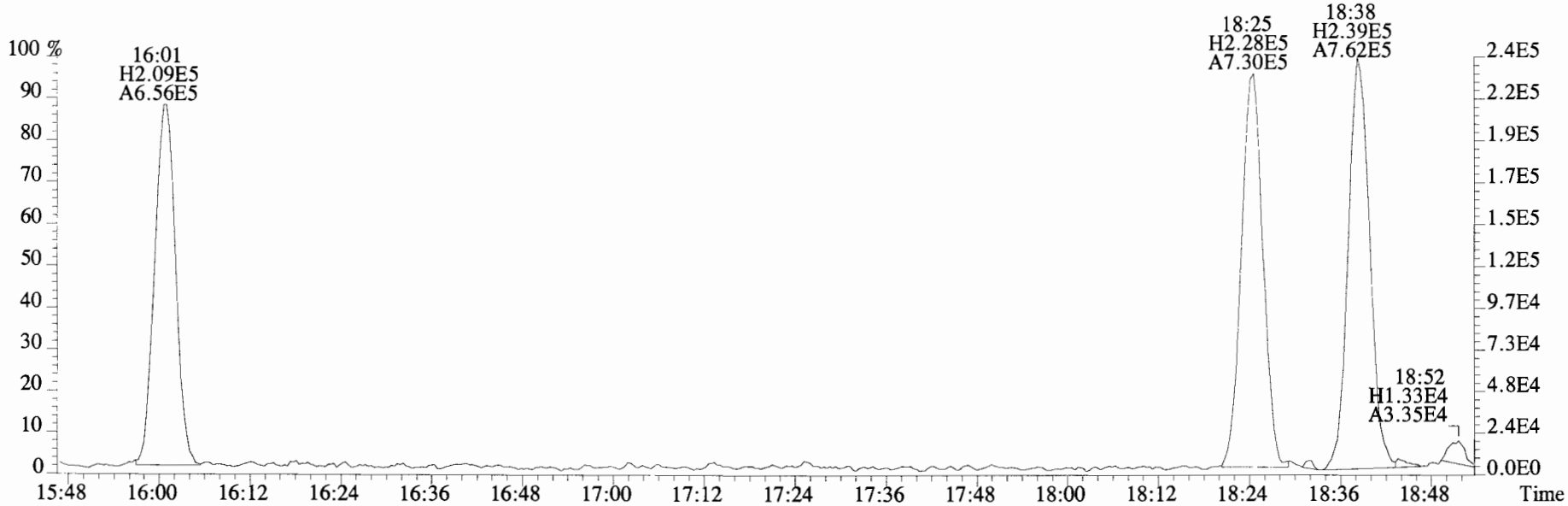
202.0766 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,86760.0,0.00%,F,F)



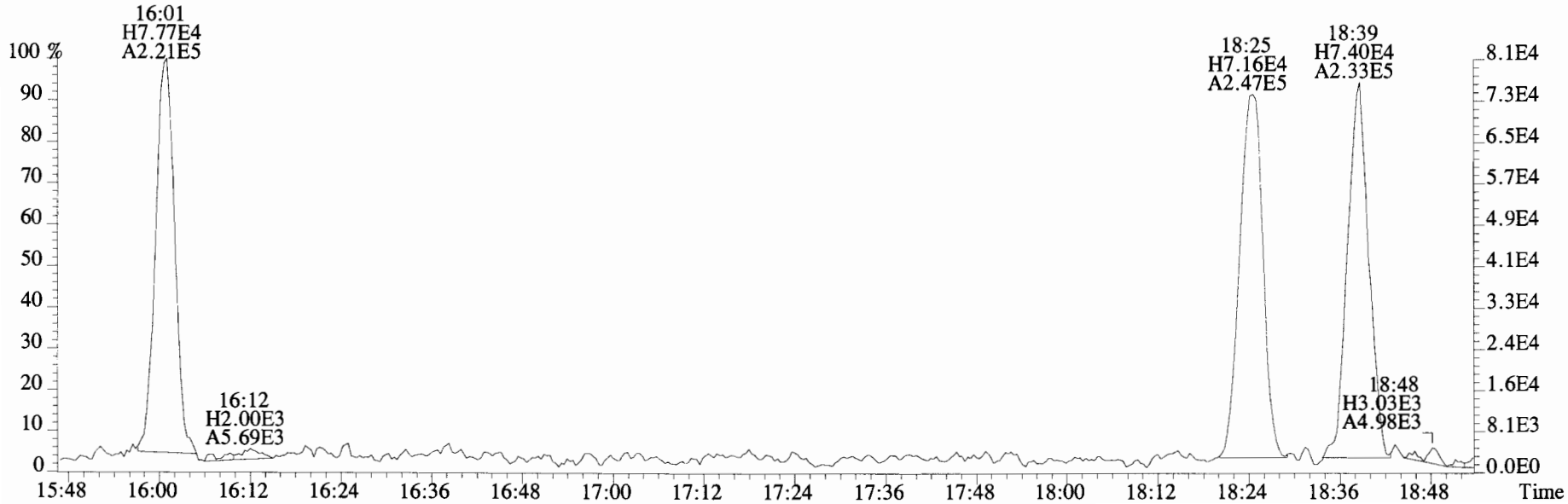
180.9880



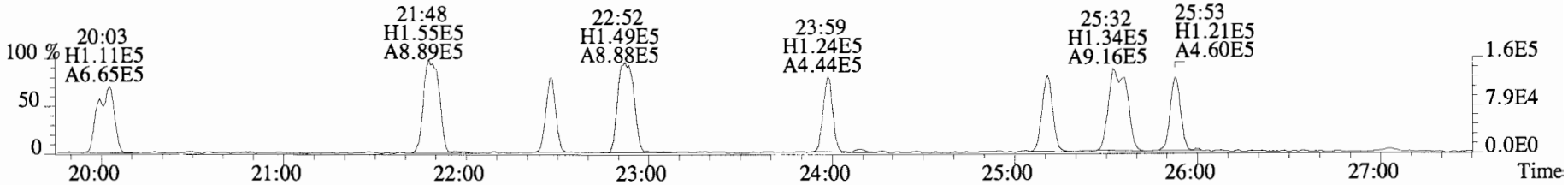
File:180208E1 #1-866 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
188.0393 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5684.0,0.00%,F,F)



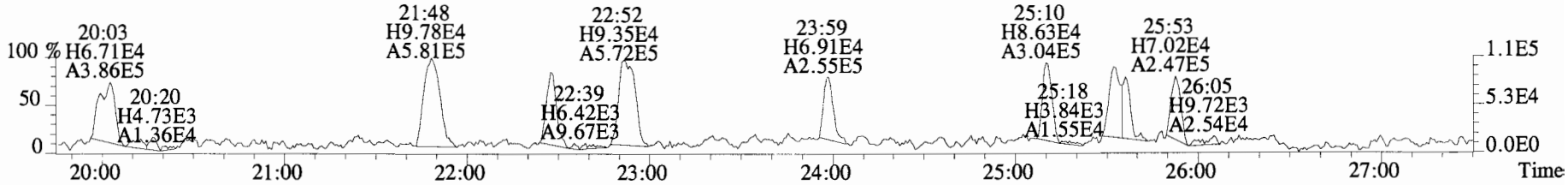
190.0363 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3772.0,0.00%,F,F)



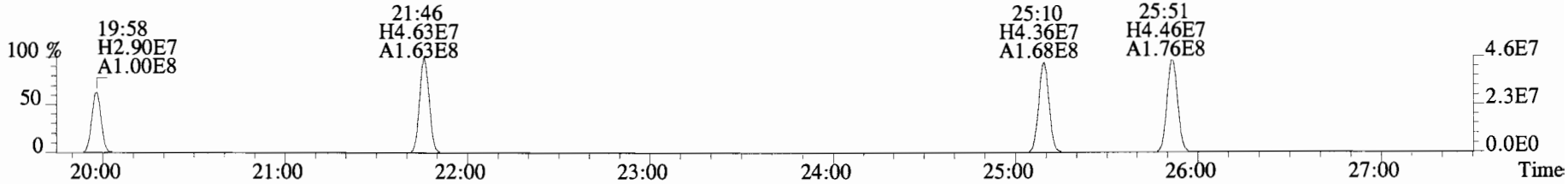
File:180208E1 #1-758 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
222.0003 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3620.0,0.00%,F,F)



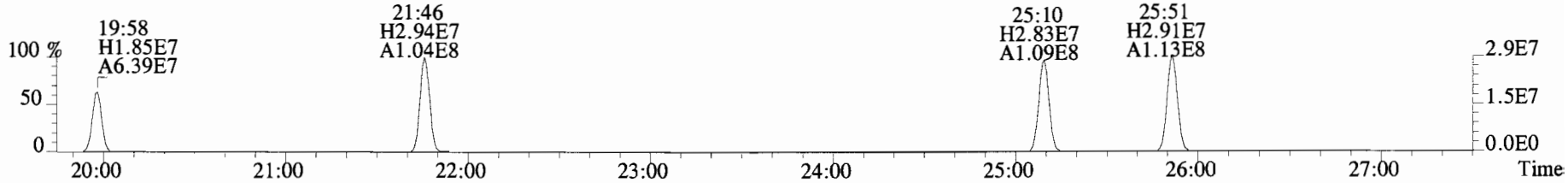
223.9974 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15204.0,0.00%,F,F)



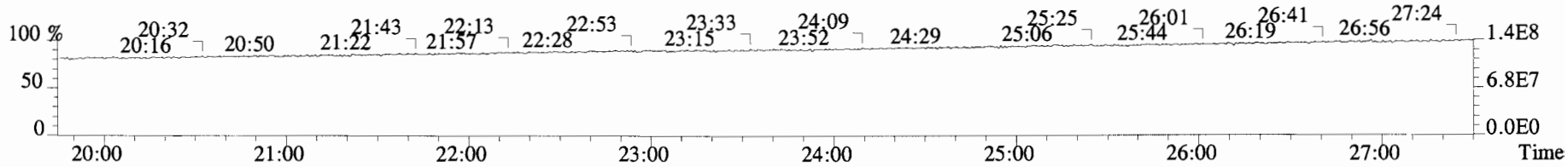
234.0406 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6700.0,0.00%,F,F)



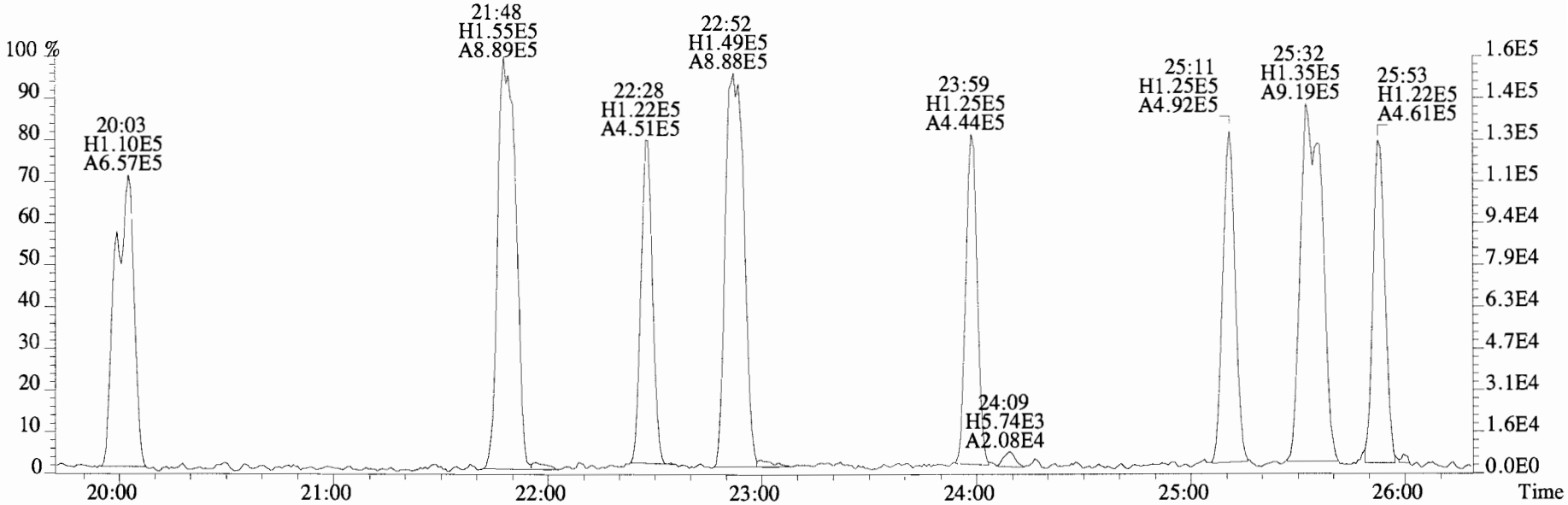
236.0376 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5444.0,0.00%,F,F)



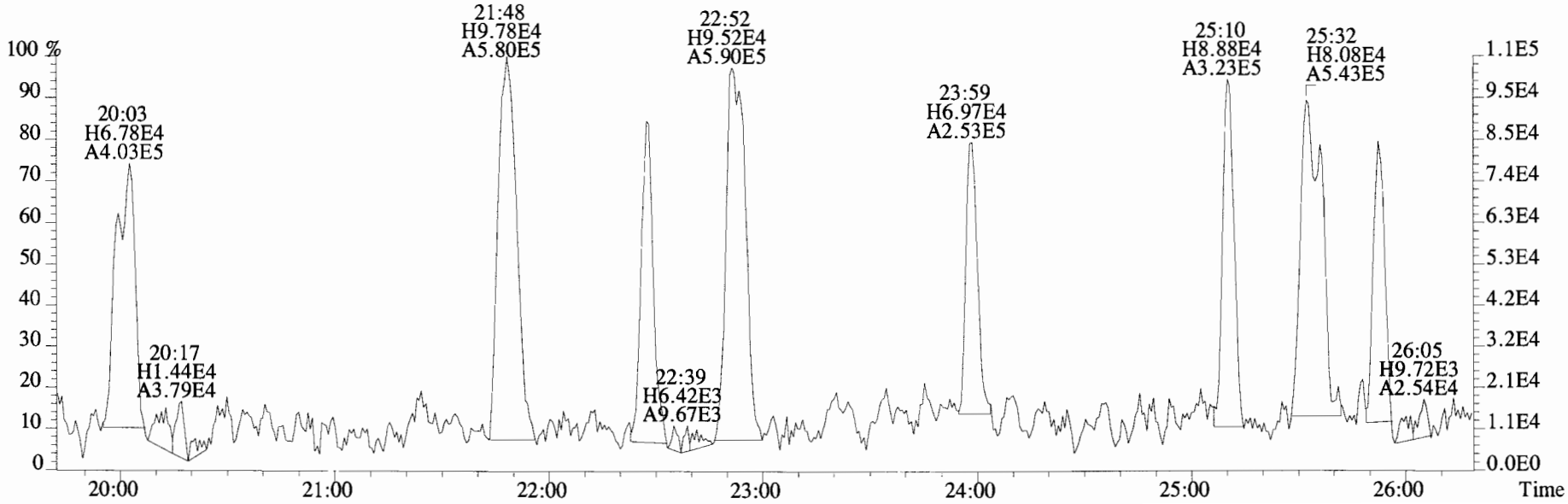
230.9856 F:2



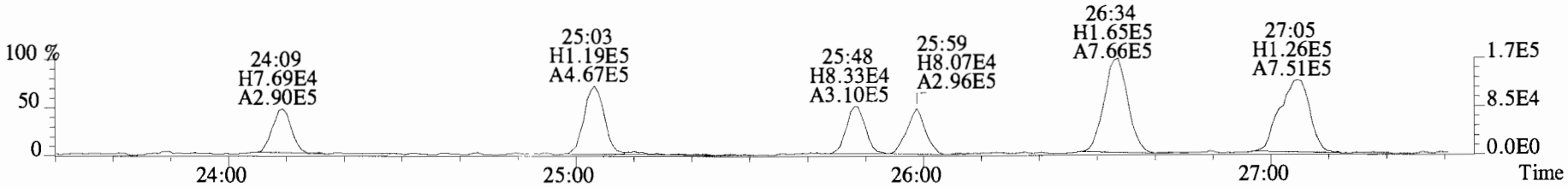
File:180208E1 #1-758 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
222.0003 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3620.0,0.00%,F,F)



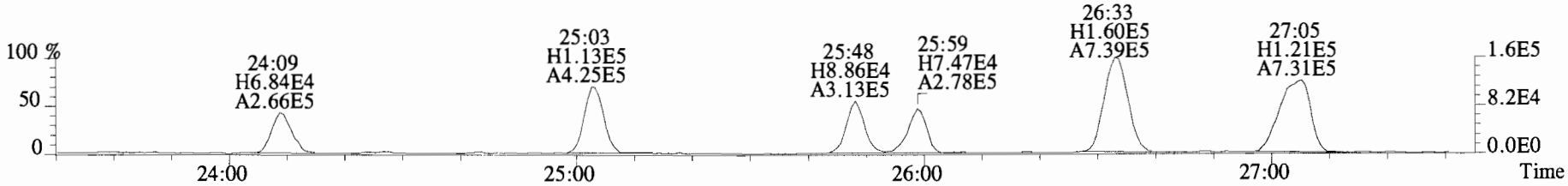
223.9974 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15204.0,0.00%,F,F)



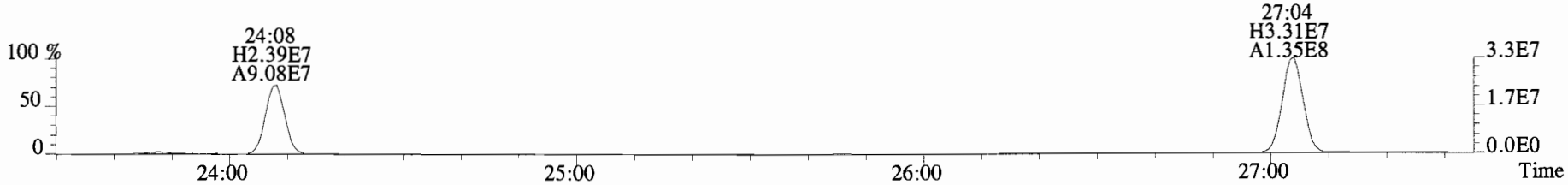
File:180208E1 #1-758 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
255.9613 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4364.0,0.00%,F,F)



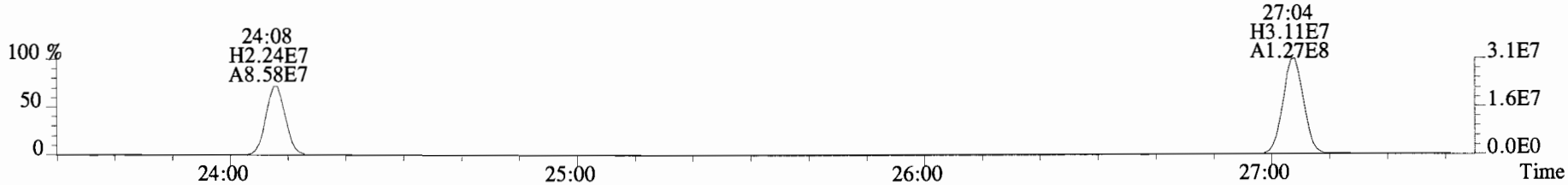
257.9584 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2976.0,0.00%,F,F)



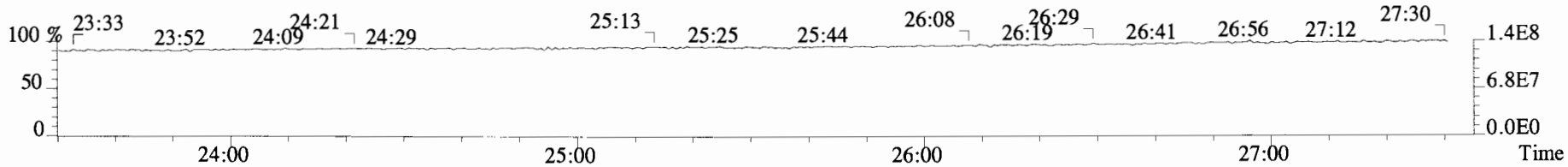
268.0016 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,77488.0,0.00%,F,F)



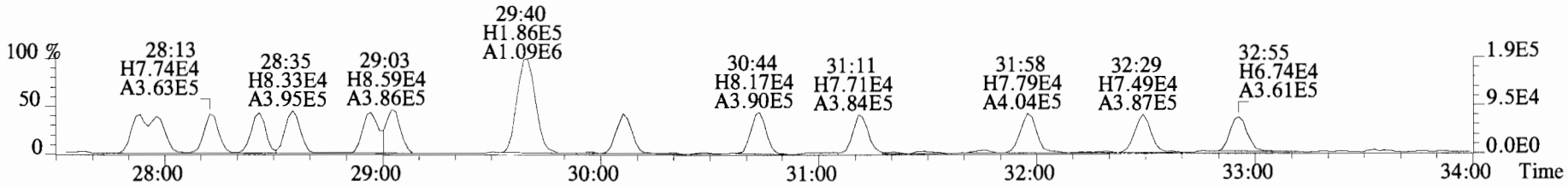
269.9986 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35276.0,0.00%,F,F)



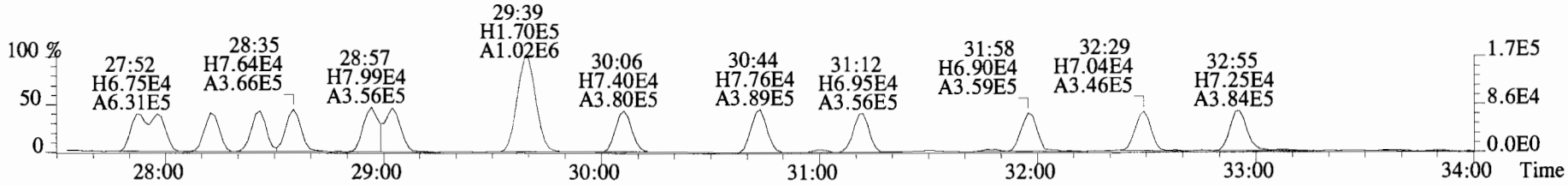
230.9856 F:2



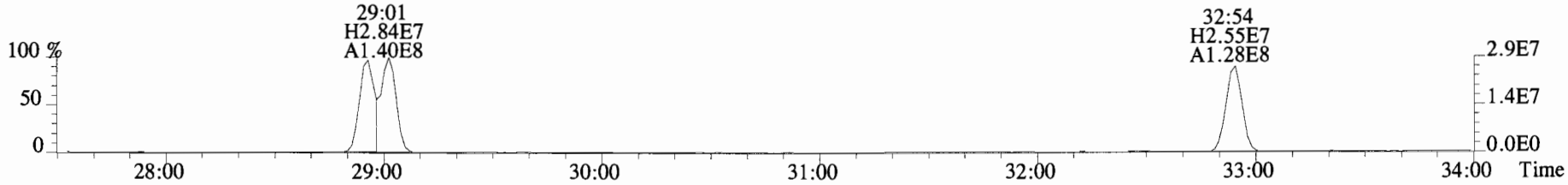
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3672.0,0.00%,F,F)



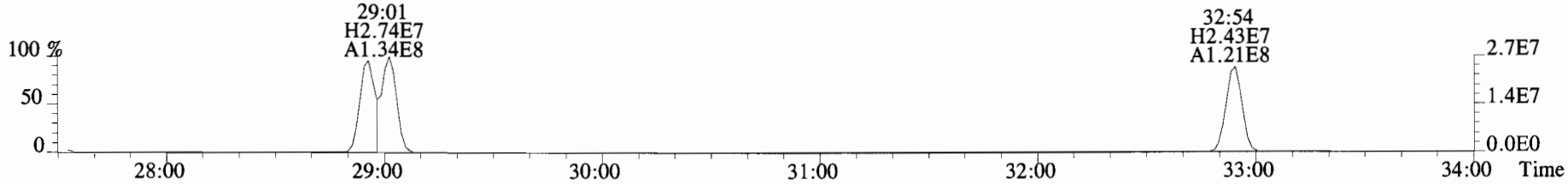
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)



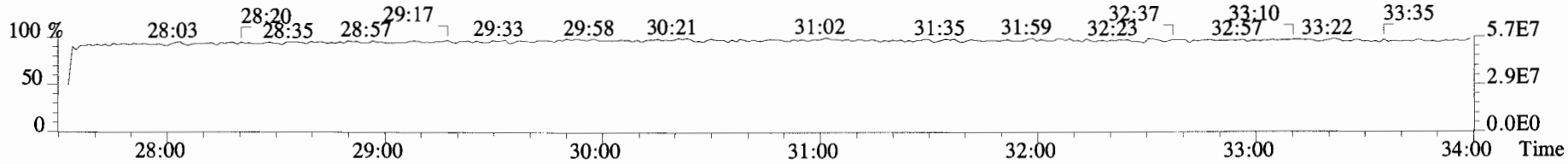
268.0016 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,107320.0,0.00%,F,F)



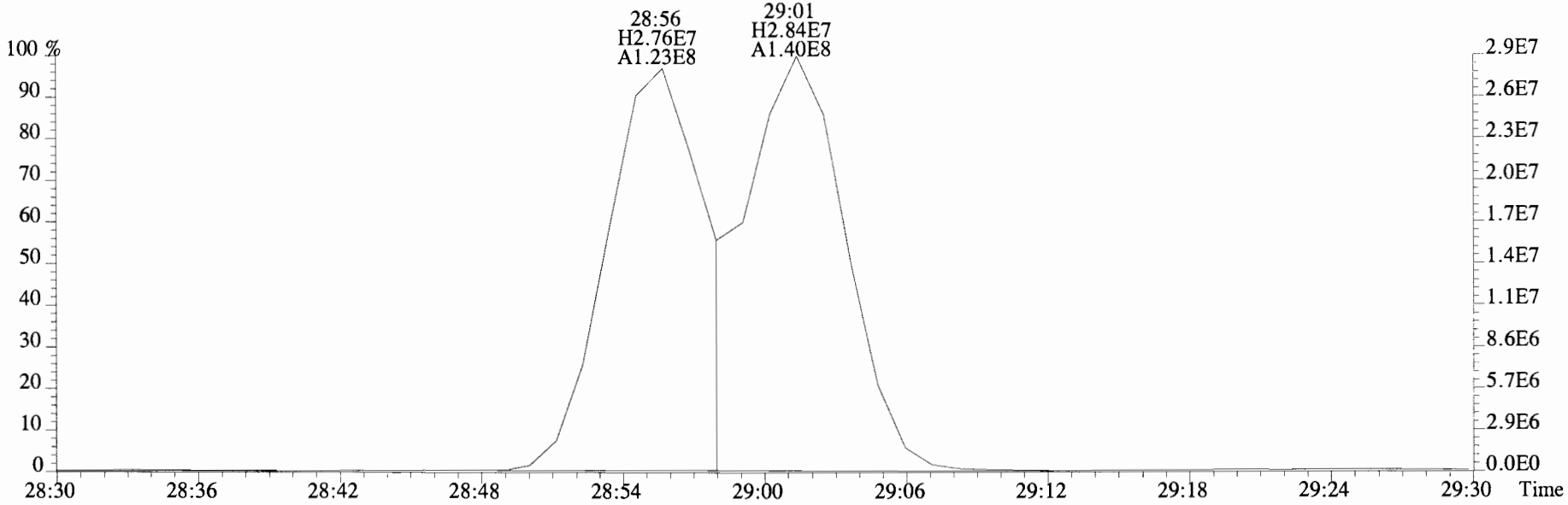
269.9986 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24844.0,0.00%,F,F)



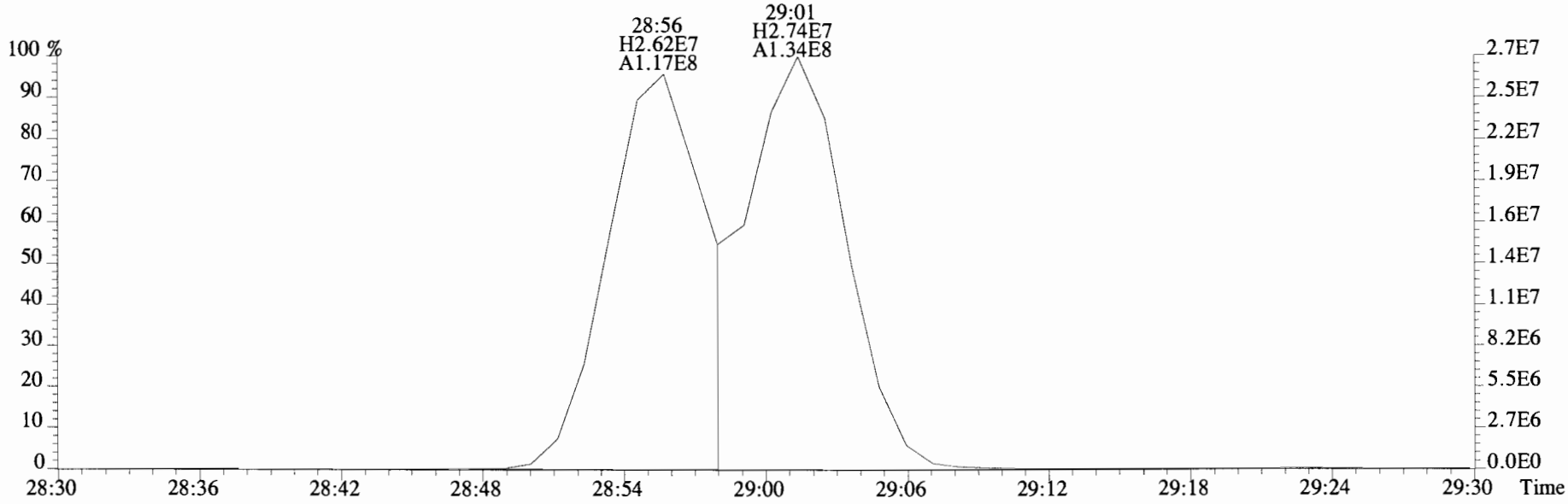
330.9792 F:3



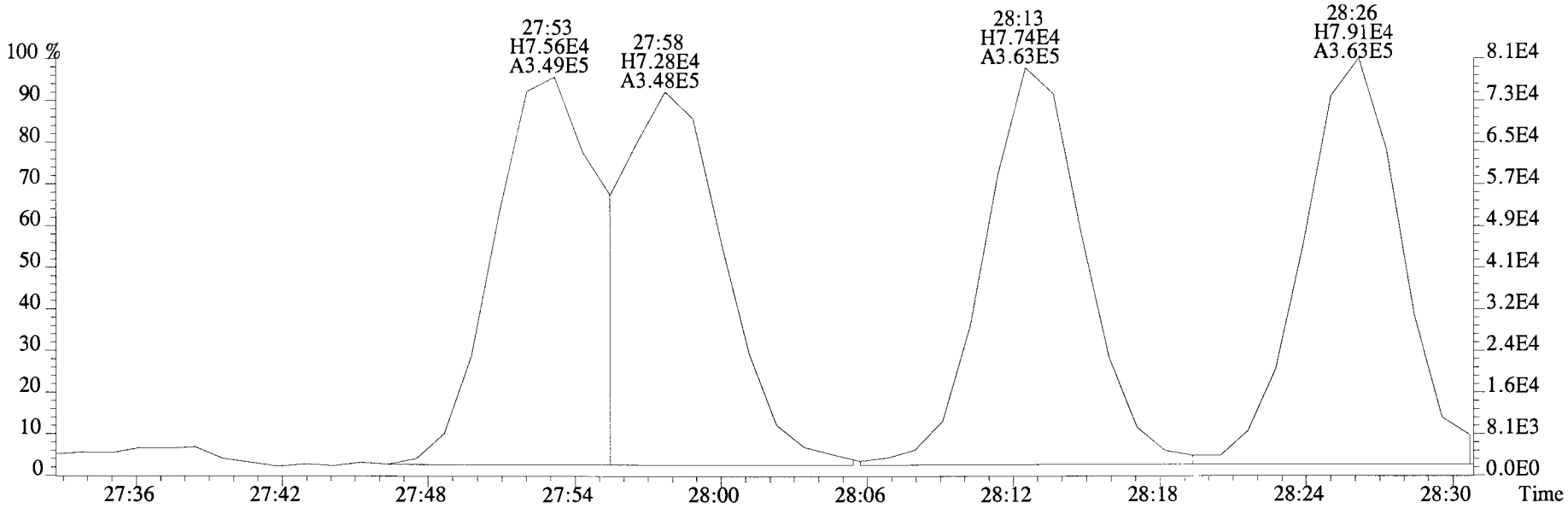
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
268.0016 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,107320.0,0.00%,F,F)



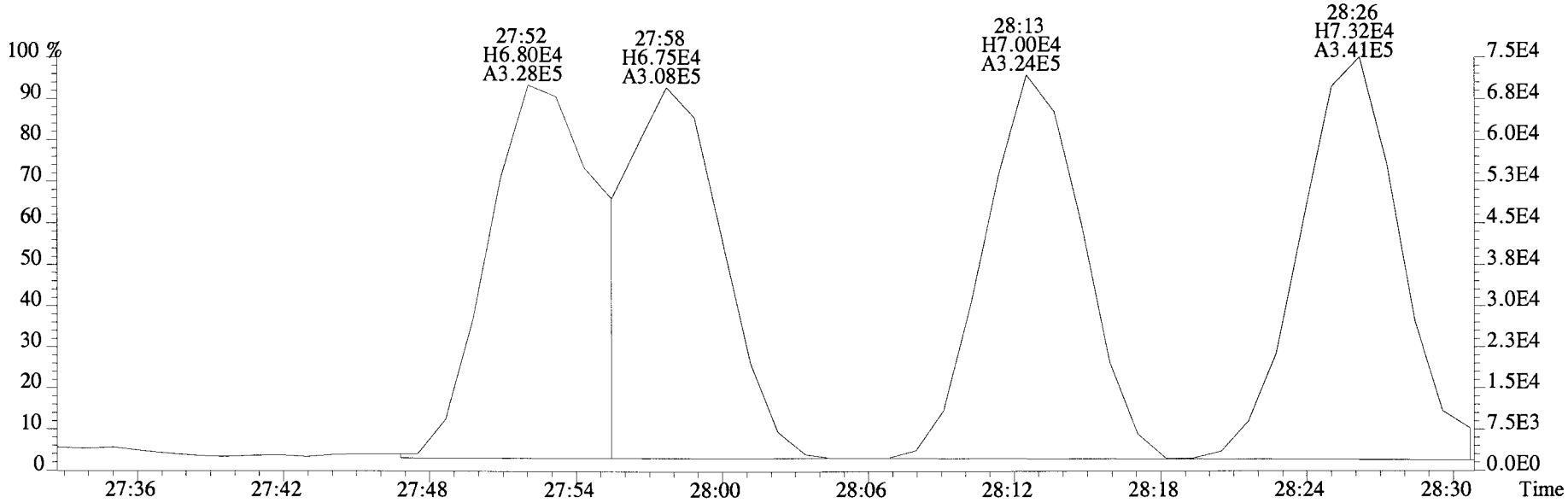
269.9986 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24844.0,0.00%,F,F)



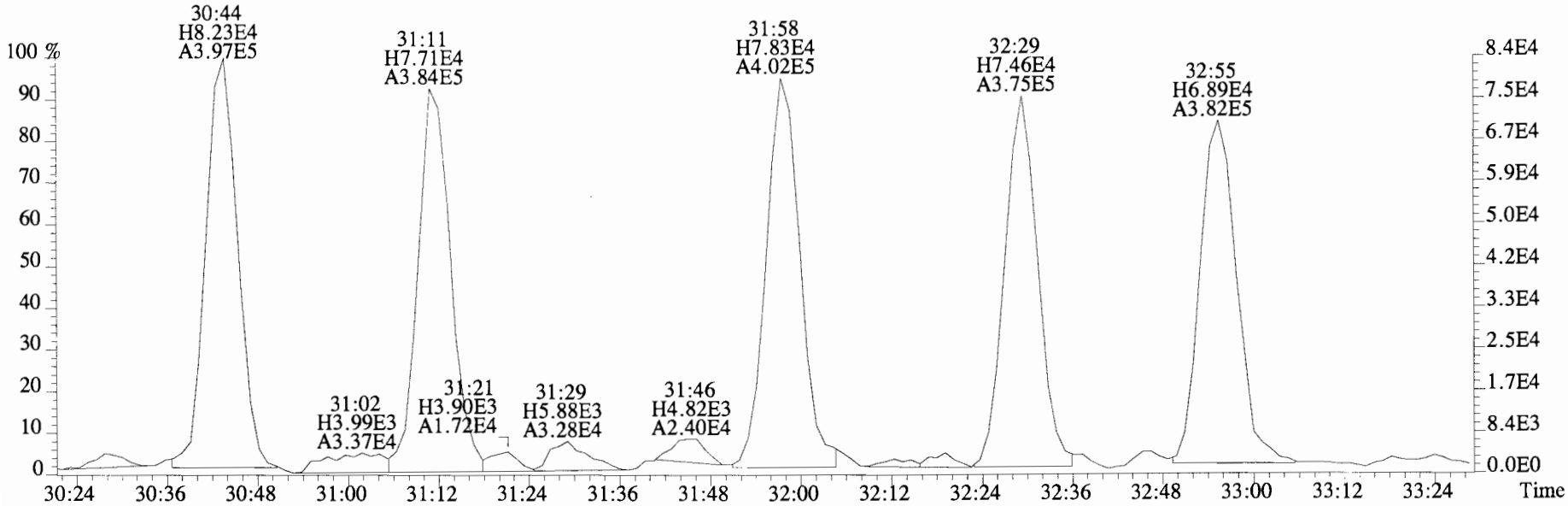
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3672.0,0.00%,F,F)



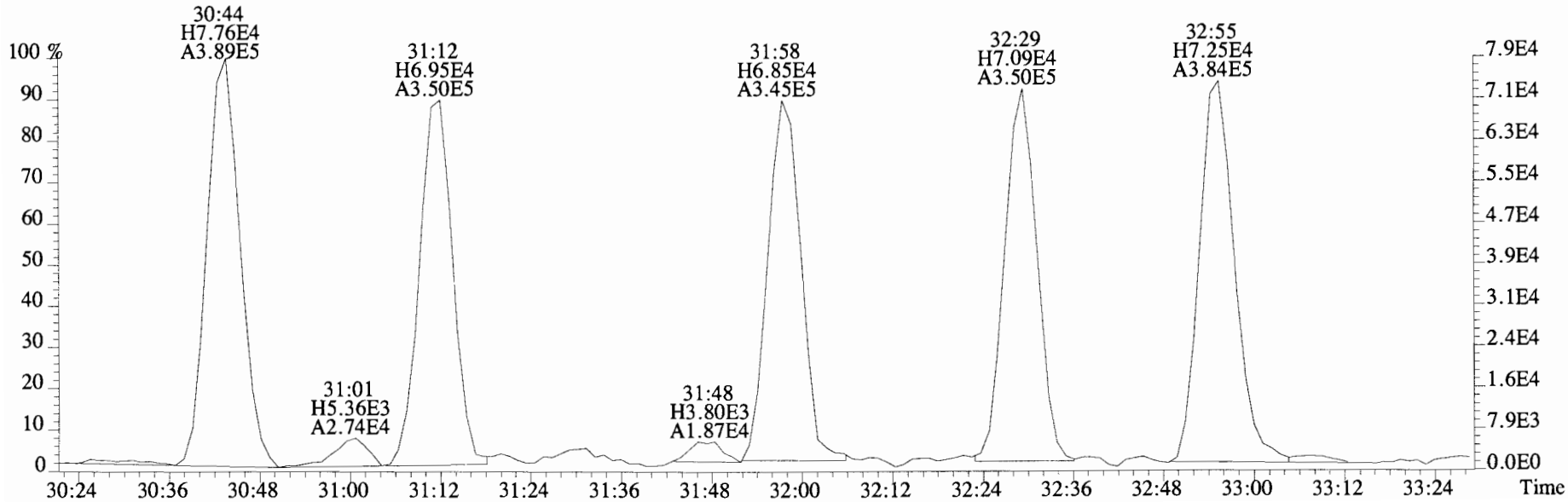
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)



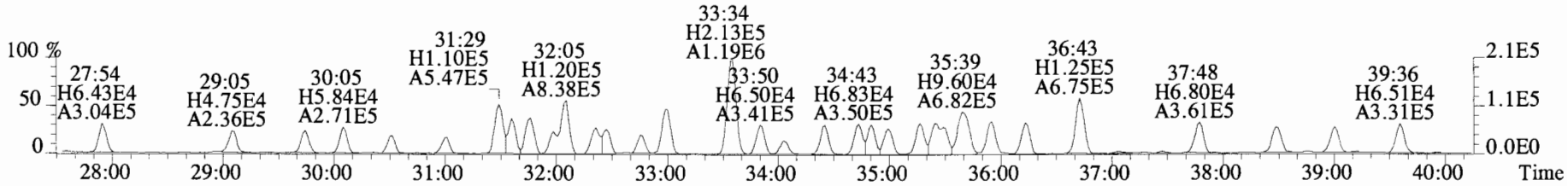
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3672.0,0.00%,F,F)



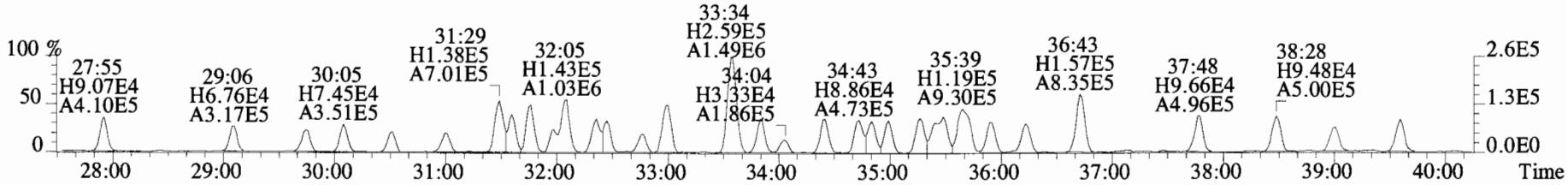
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)



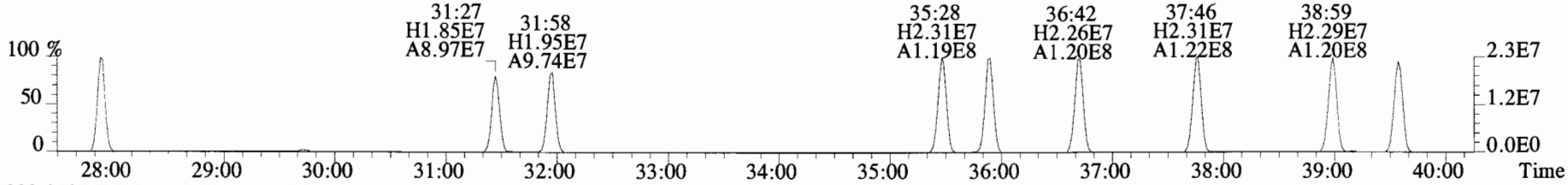
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2828.0,0.00%,F,F)



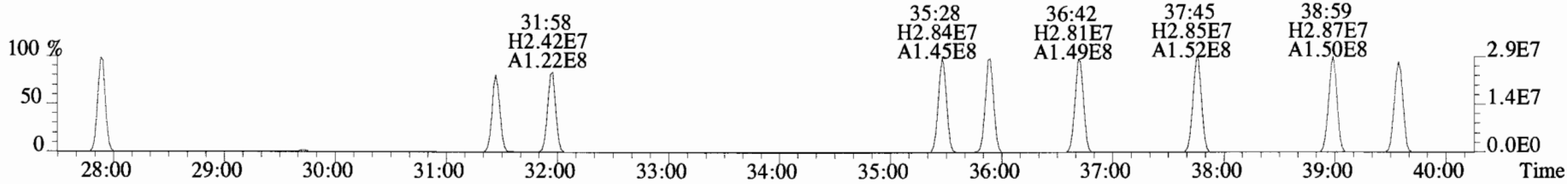
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3156.0,0.00%,F,F)



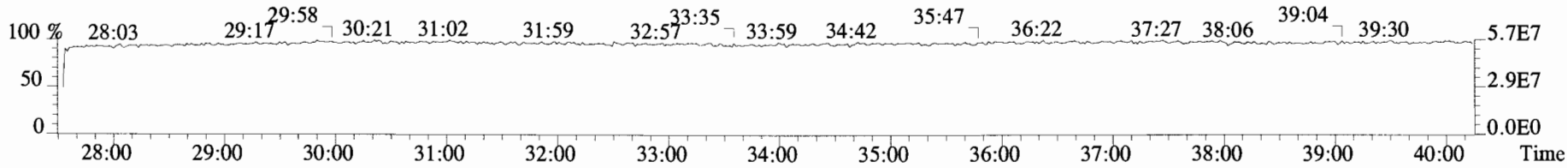
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33956.0,0.00%,F,F)



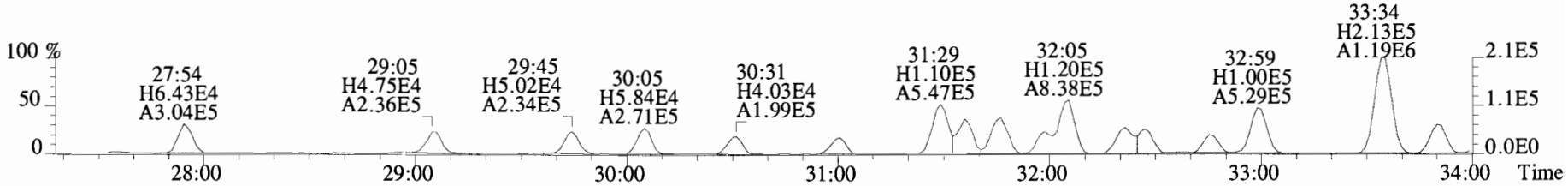
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24688.0,0.00%,F,F)



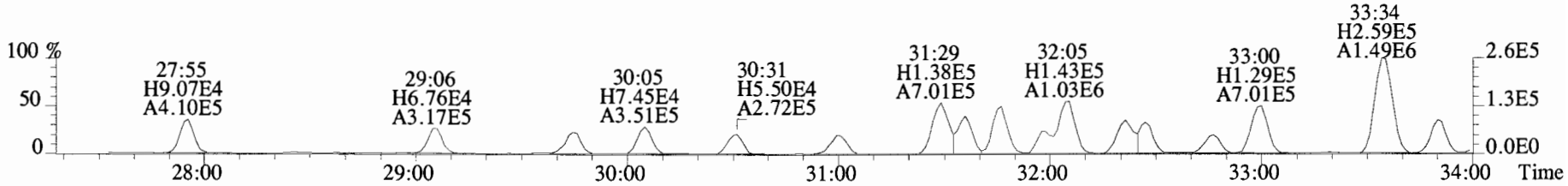
330.9792 F:3



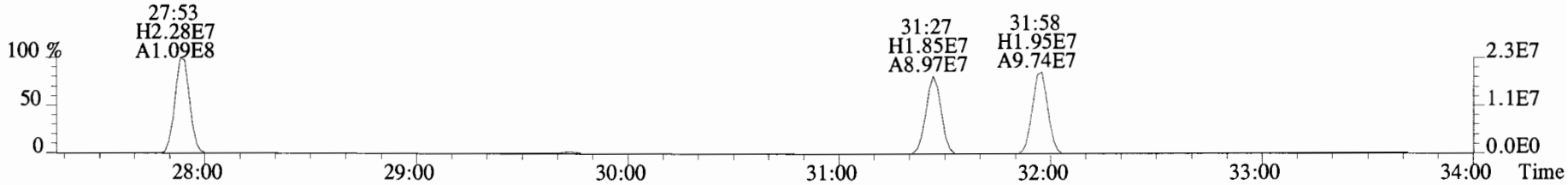
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2828.0,0.00%,F,F)



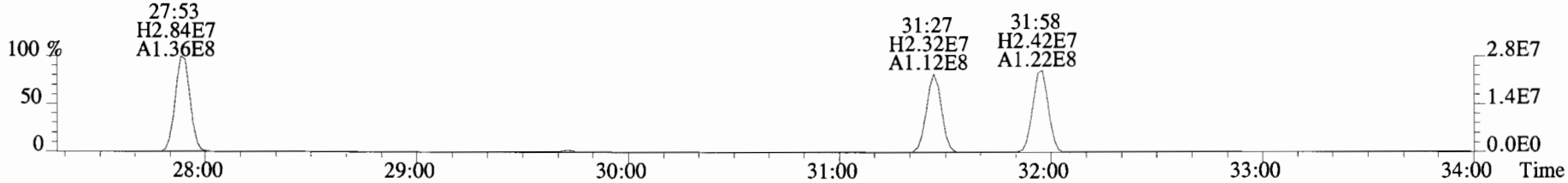
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3156.0,0.00%,F,F)



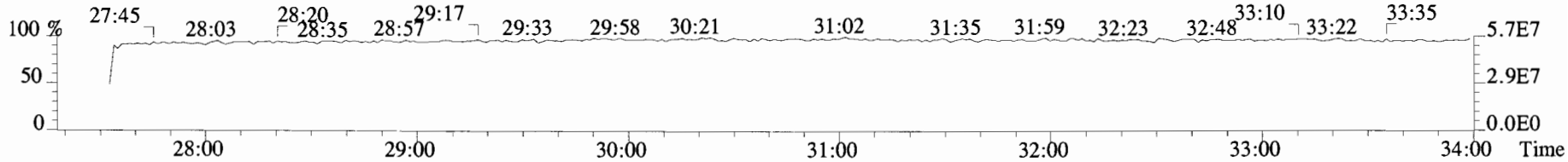
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33956.0,0.00%,F,F)



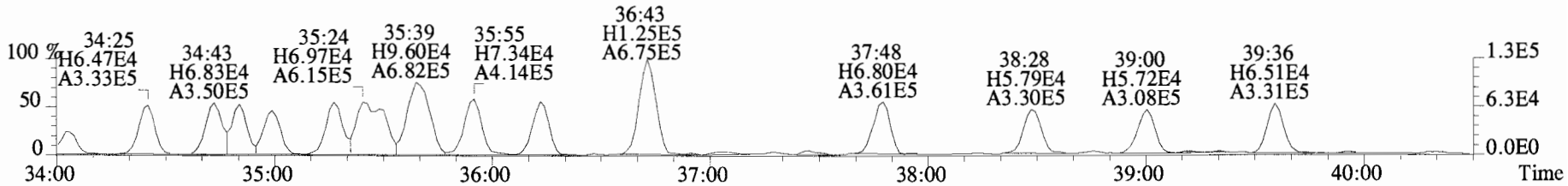
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24688.0,0.00%,F,F)



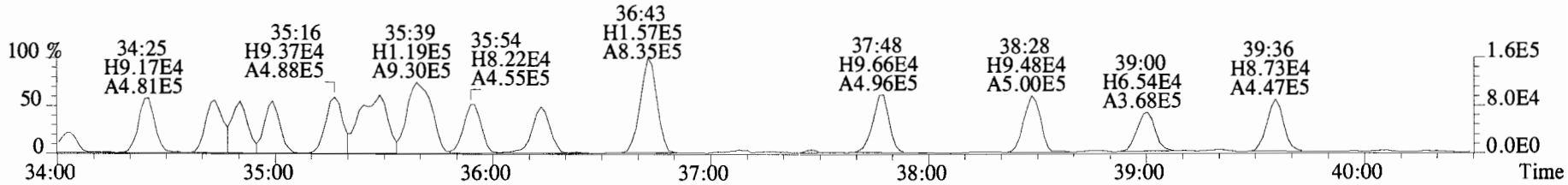
330.9792 F:3



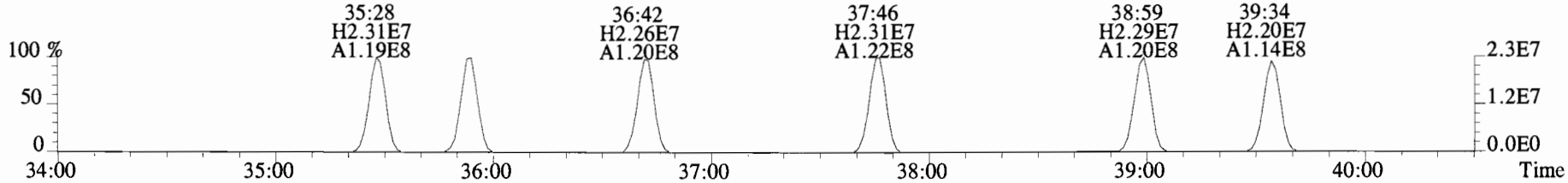
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2828.0,0.00%,F,F)



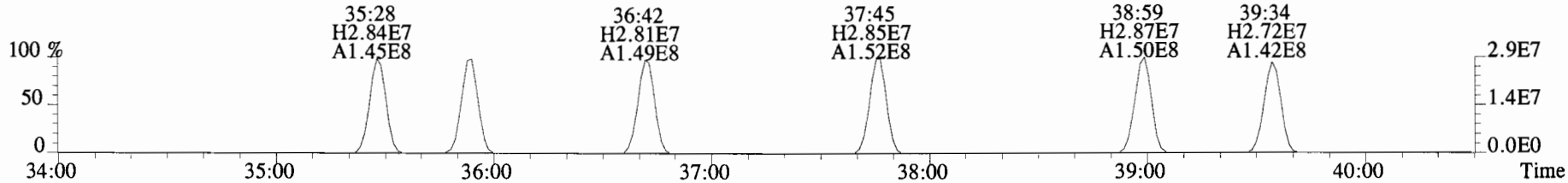
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3156.0,0.00%,F,F)



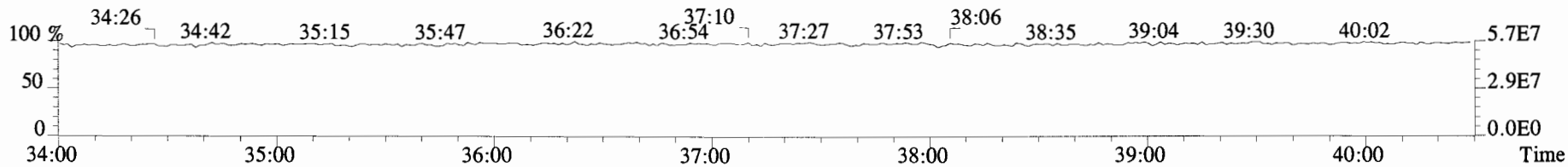
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33956.0,0.00%,F,F)



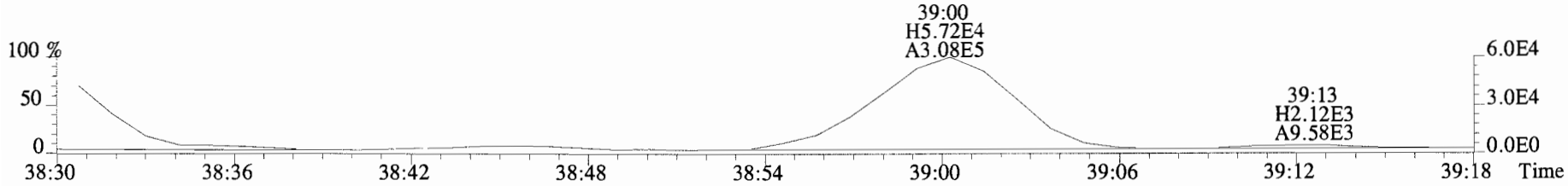
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24688.0,0.00%,F,F)



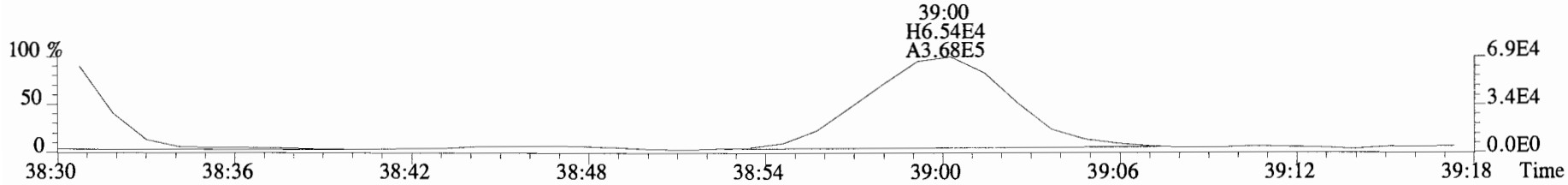
330.9792 F:3



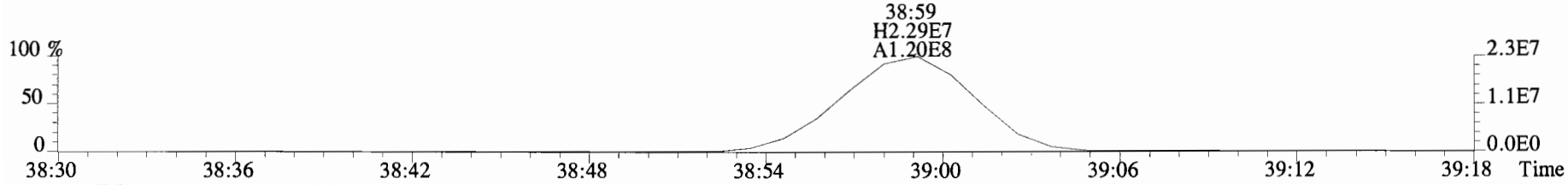
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2828.0,0.00%,F,F)



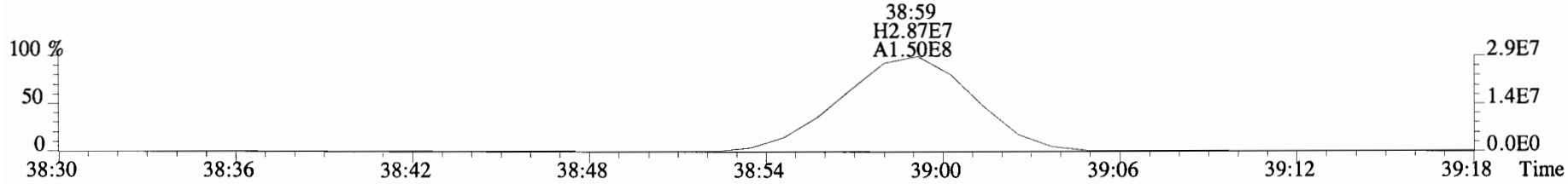
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3156.0,0.00%,F,F)



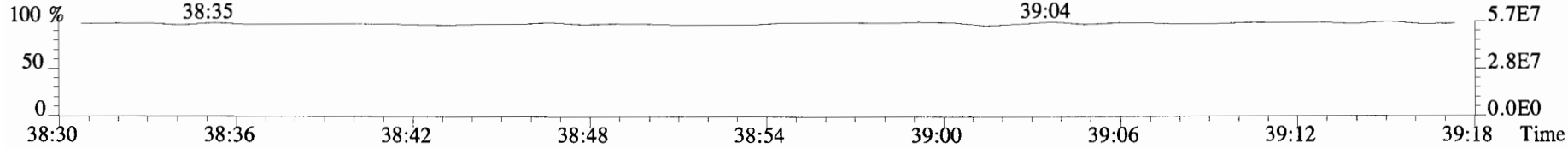
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33956.0,0.00%,F,F)



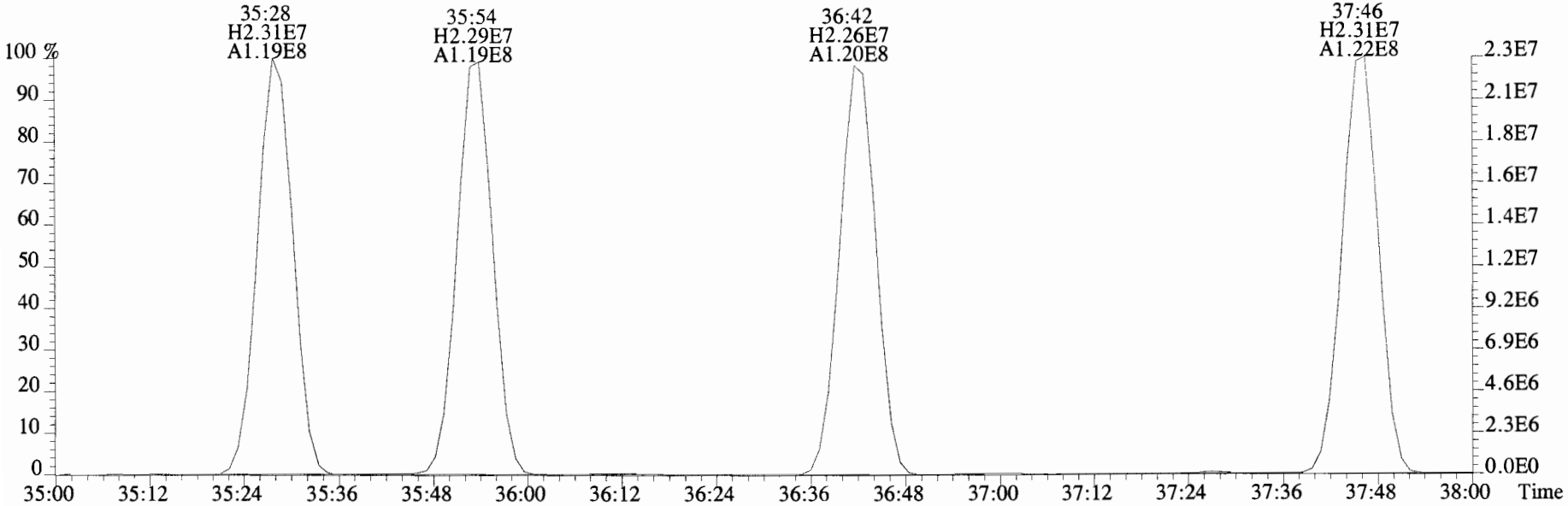
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24688.0,0.00%,F,F)



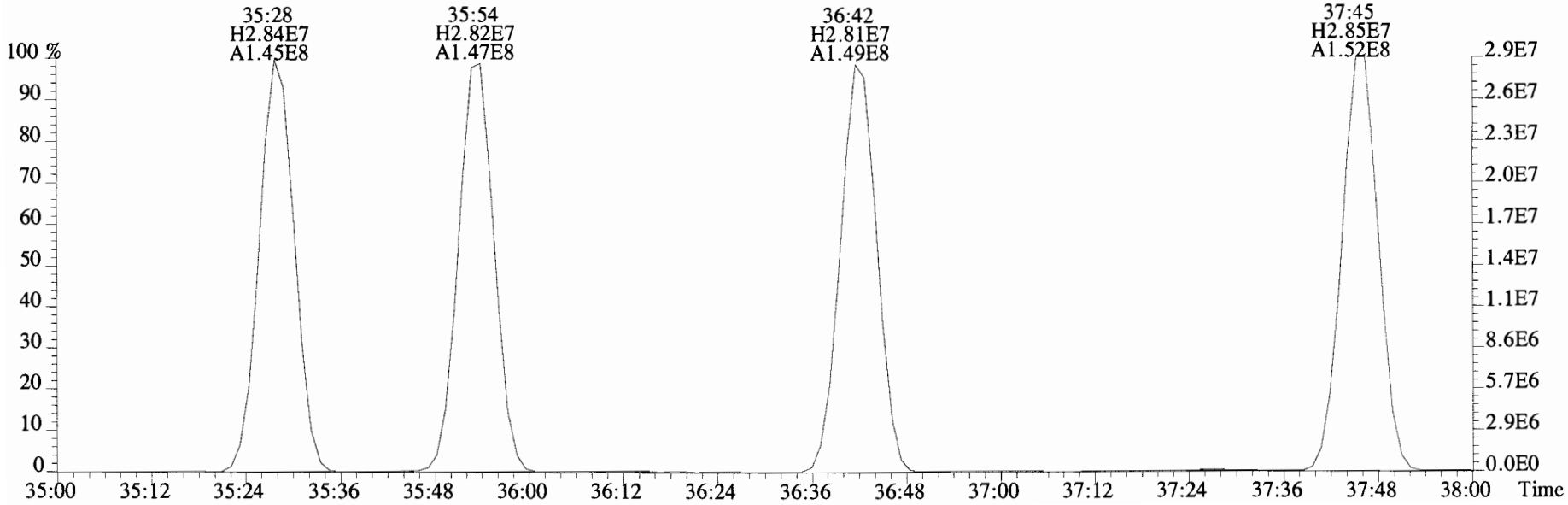
330.9792 F:3



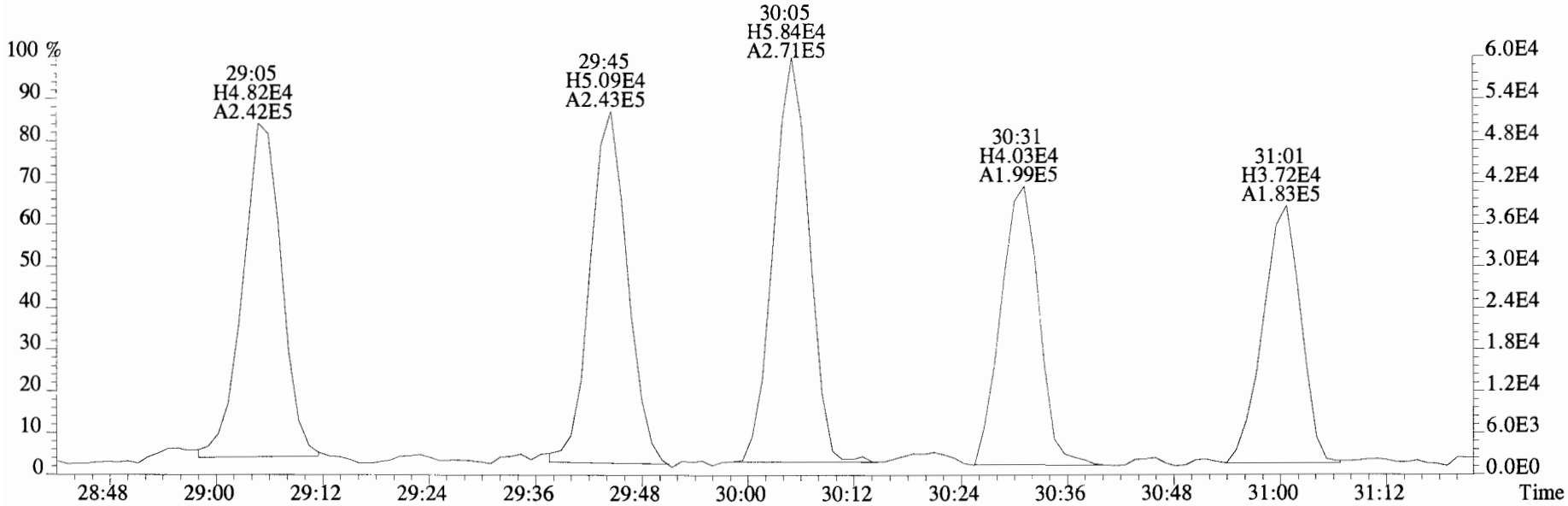
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33956.0,0.00%,F,F)



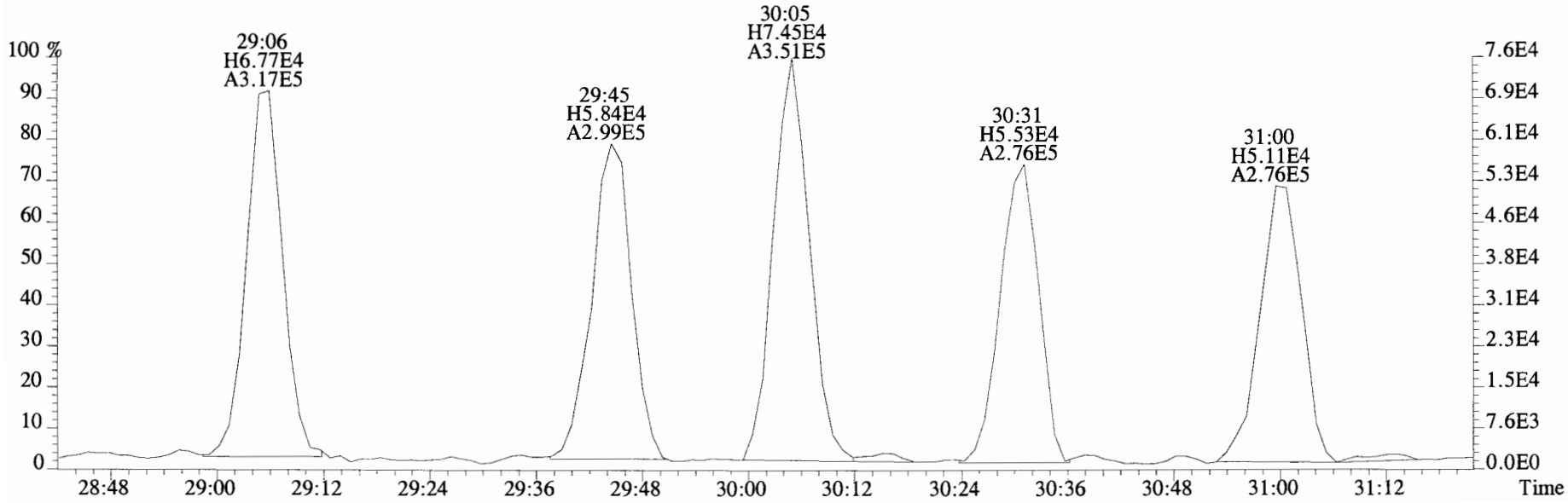
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24688.0,0.00%,F,F)



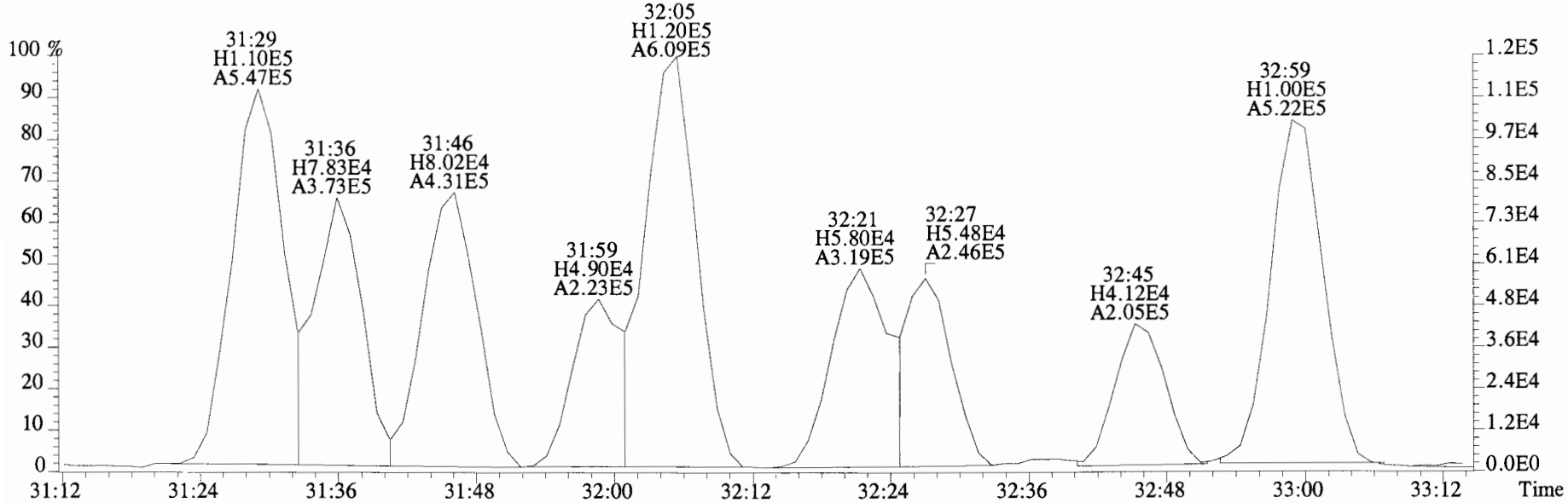
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2828.0,0.00%,F,F)



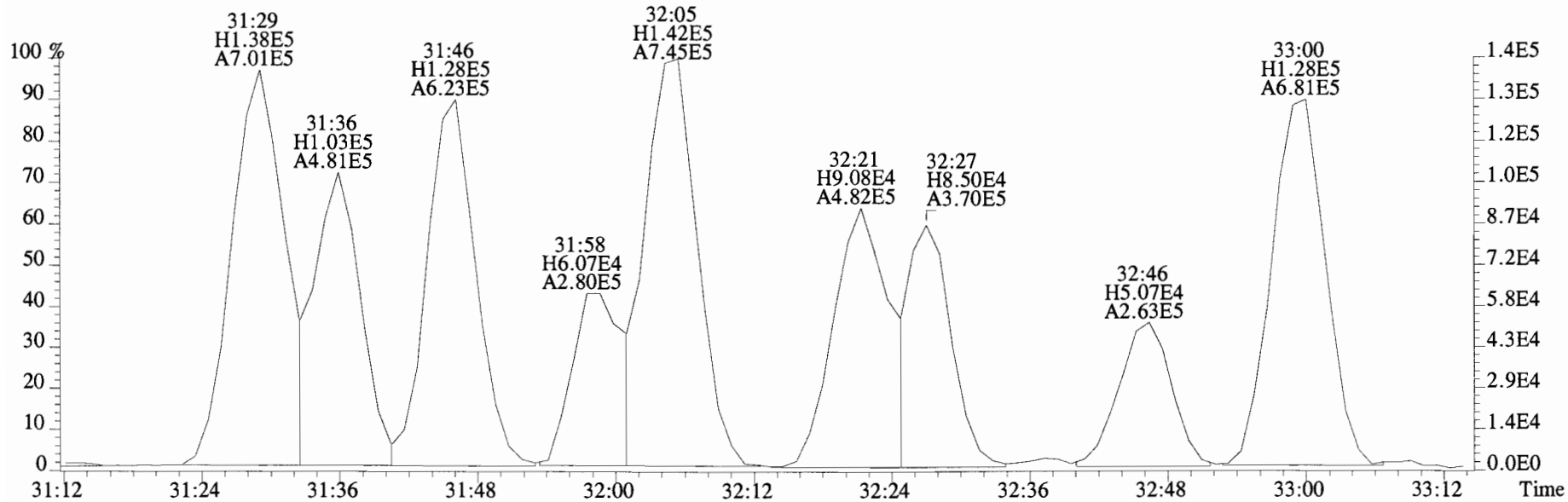
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3156.0,0.00%,F,F)



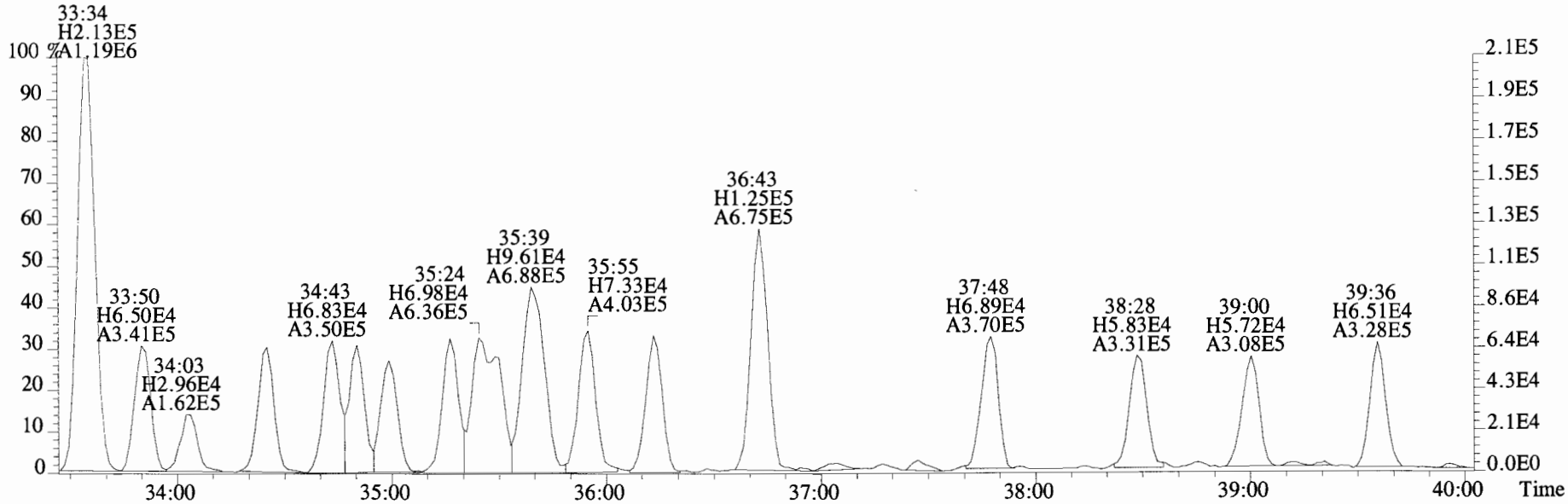
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2828.0,0.00%,F,F)



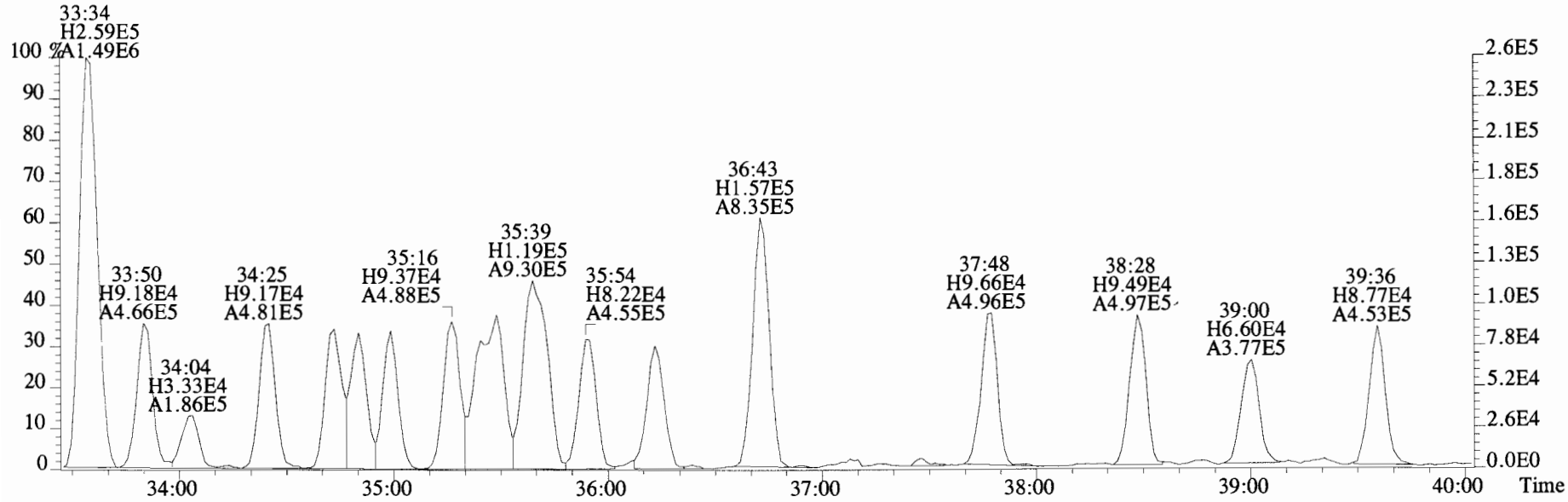
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3156.0,0.00%,F,F)



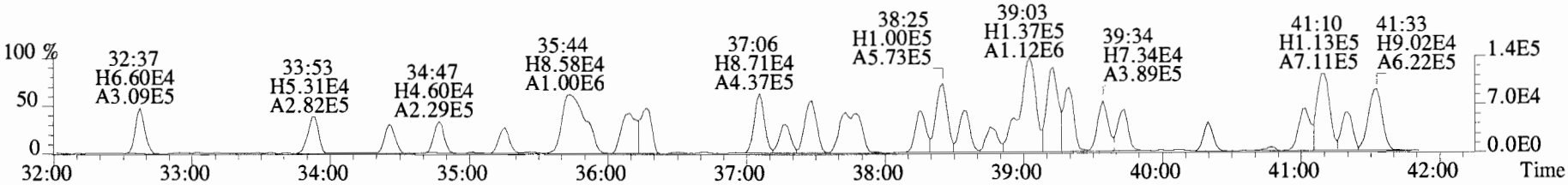
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2828.0,0.00%,F,F)



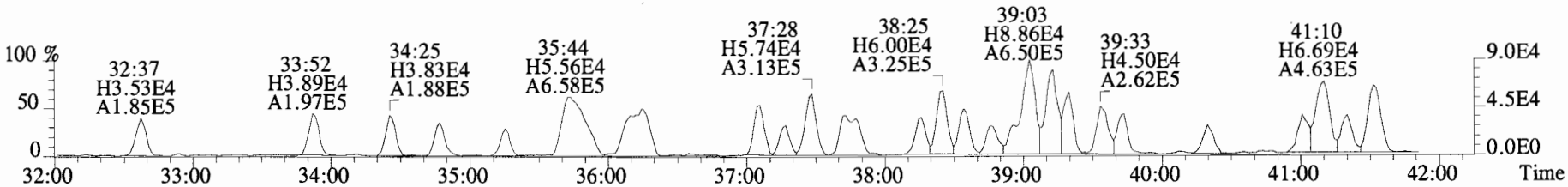
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3156.0,0.00%,F,F)



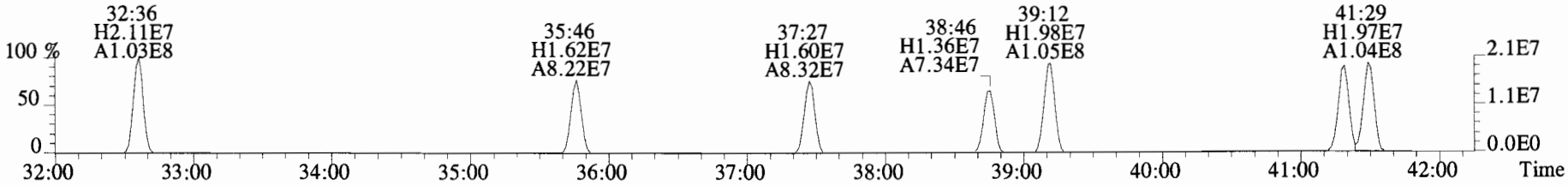
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2192.0,0.00%,F,F)



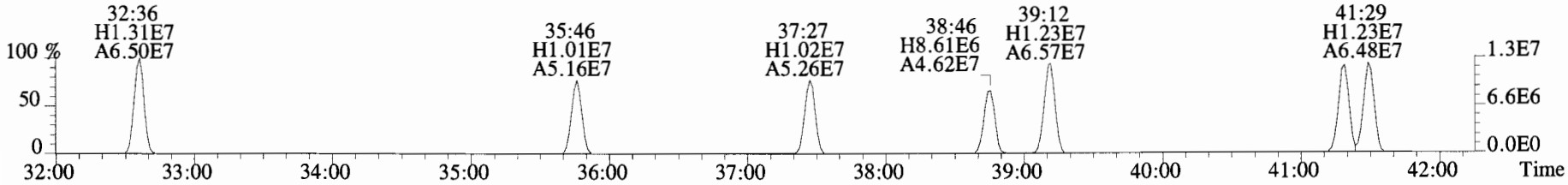
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2080.0,0.00%,F,F)



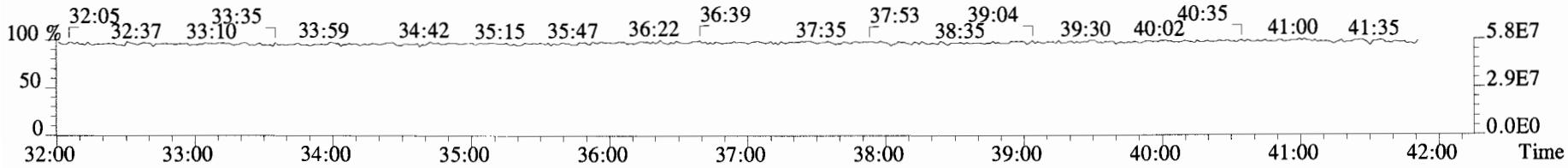
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4388.0,0.00%,F,F)



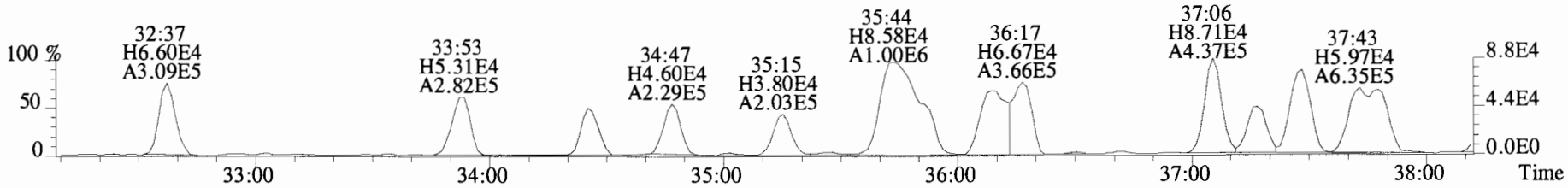
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3760.0,0.00%,F,F)



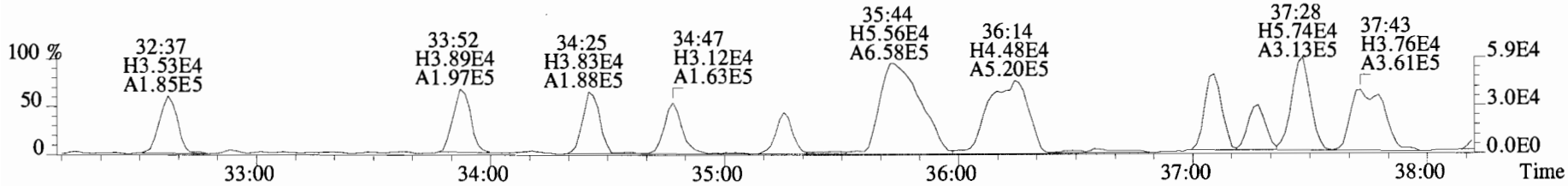
330.9792 F:3



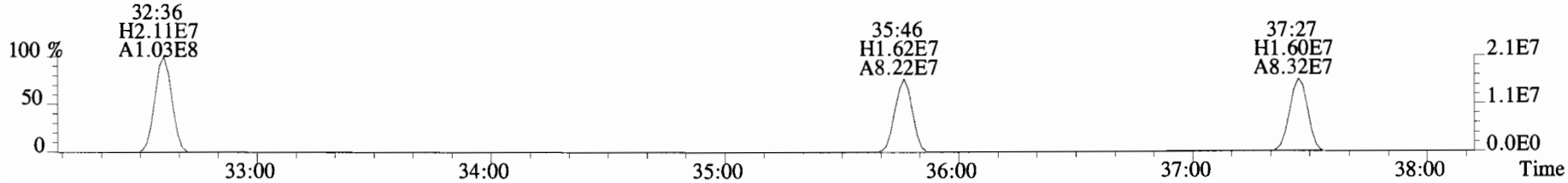
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2192.0,0.00%,F,F)



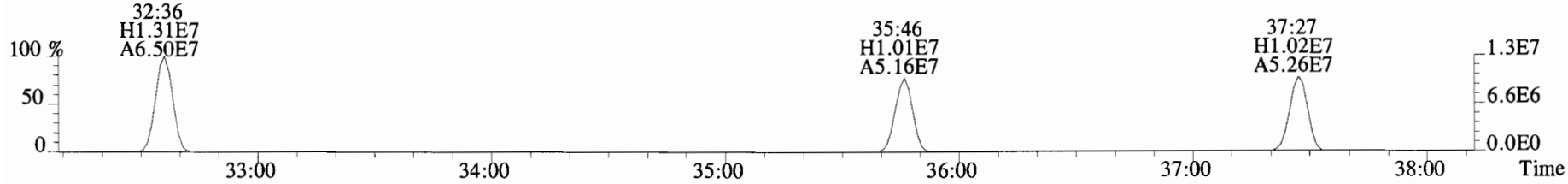
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2080.0,0.00%,F,F)



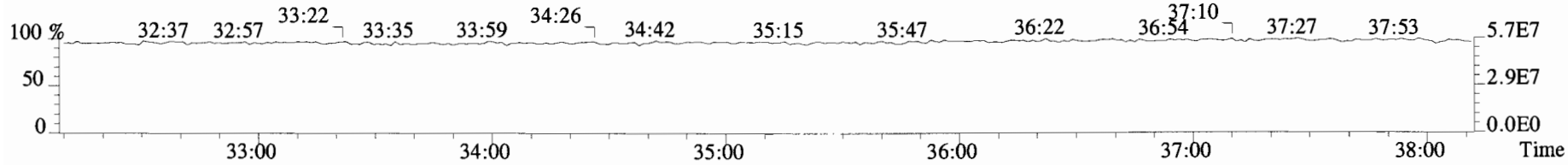
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4388.0,0.00%,F,F)



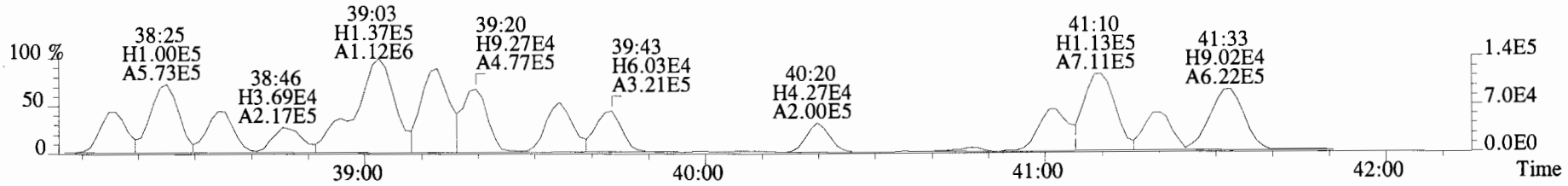
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3760.0,0.00%,F,F)



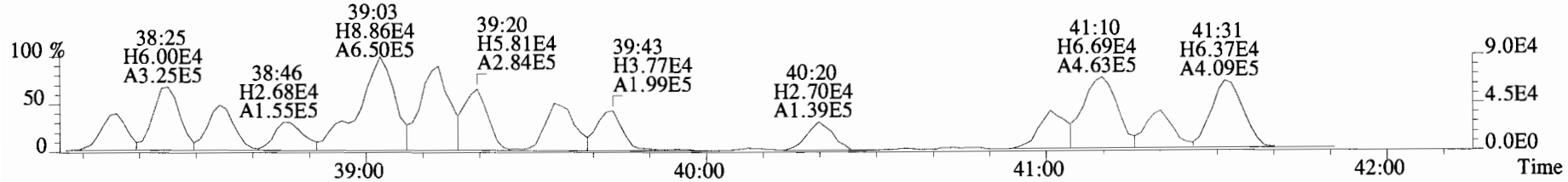
330.9792 F:3



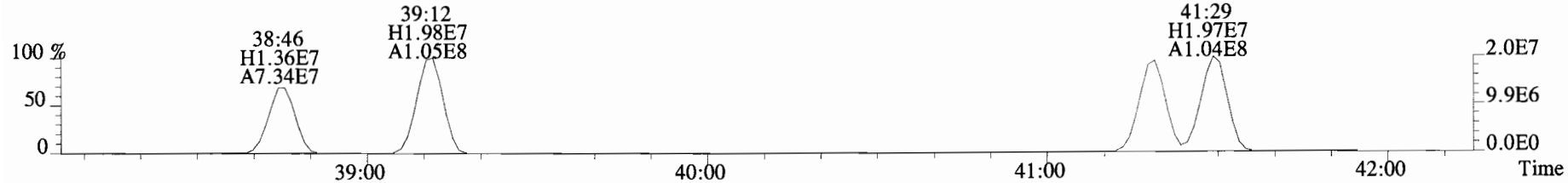
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2192.0,0.00%,F,F)



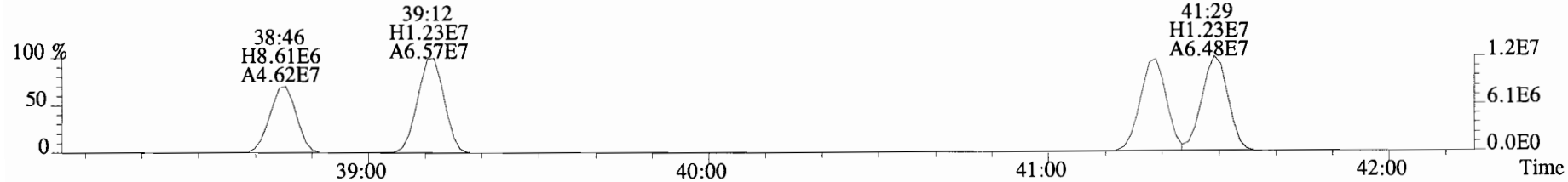
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2080.0,0.00%,F,F)



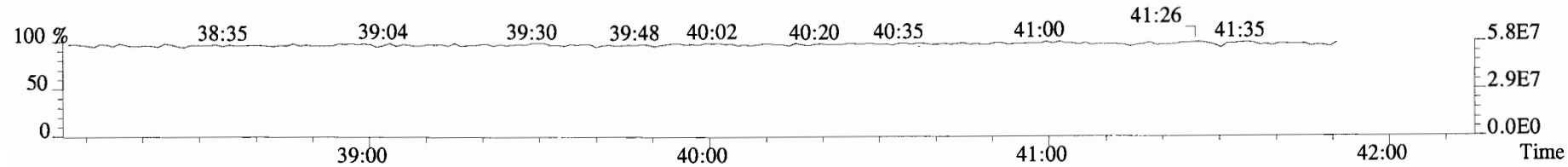
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4388.0,0.00%,F,F)



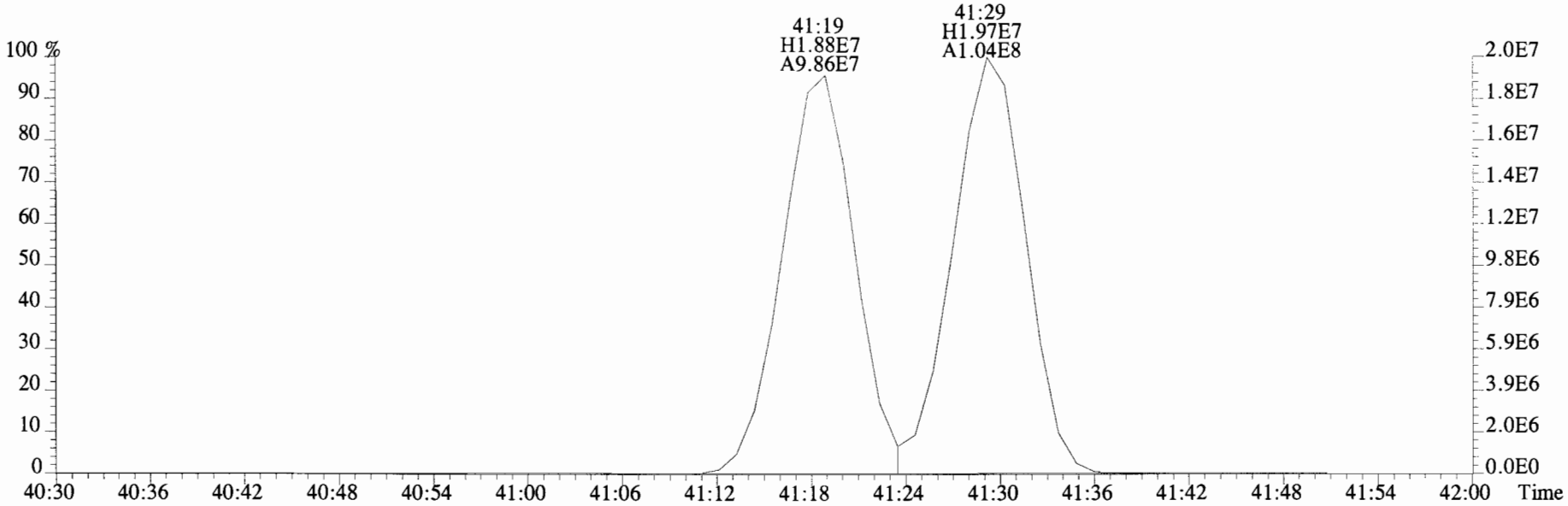
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3760.0,0.00%,F,F)



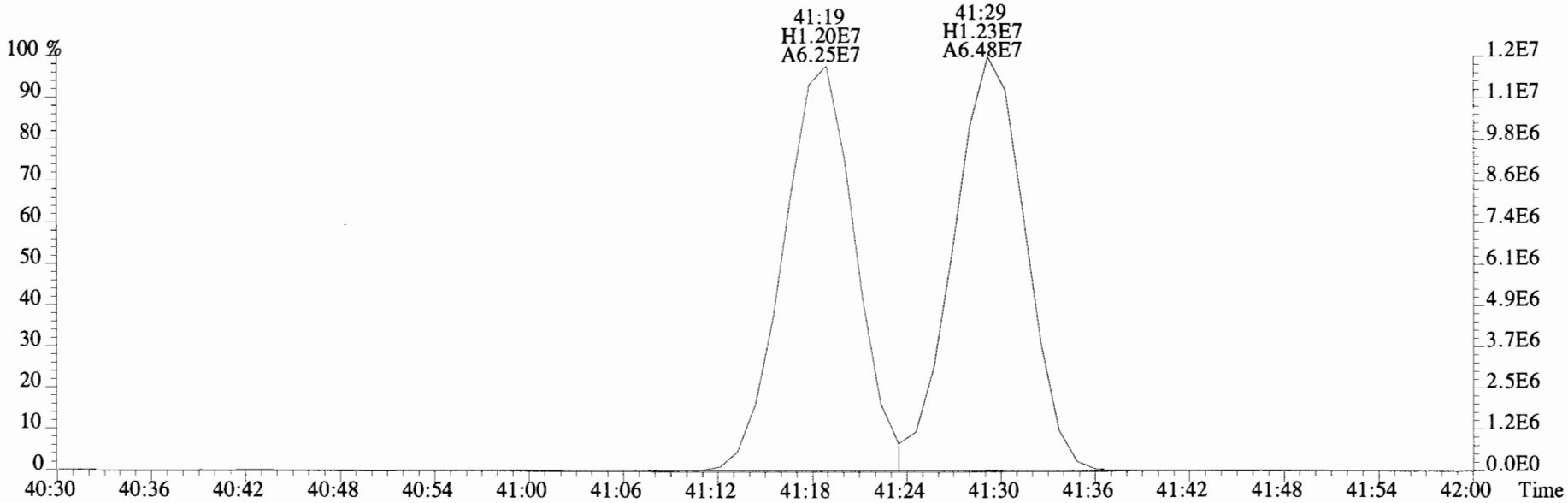
330.9792 F:3



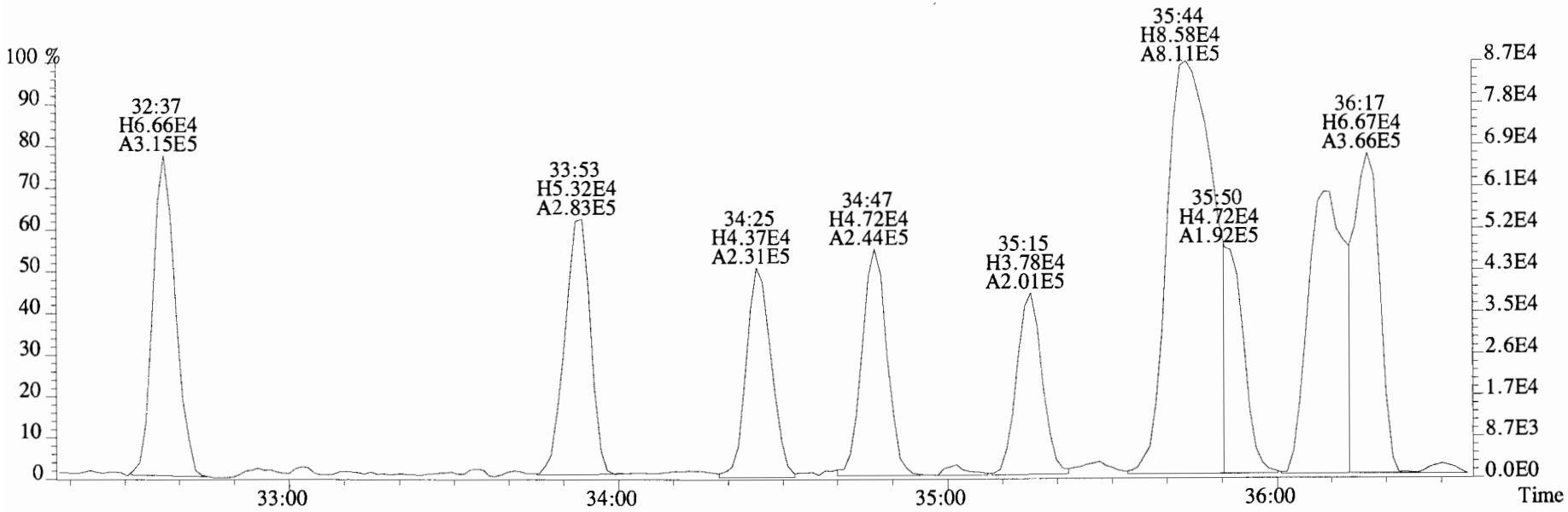
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4388.0,0.00%,F,F)



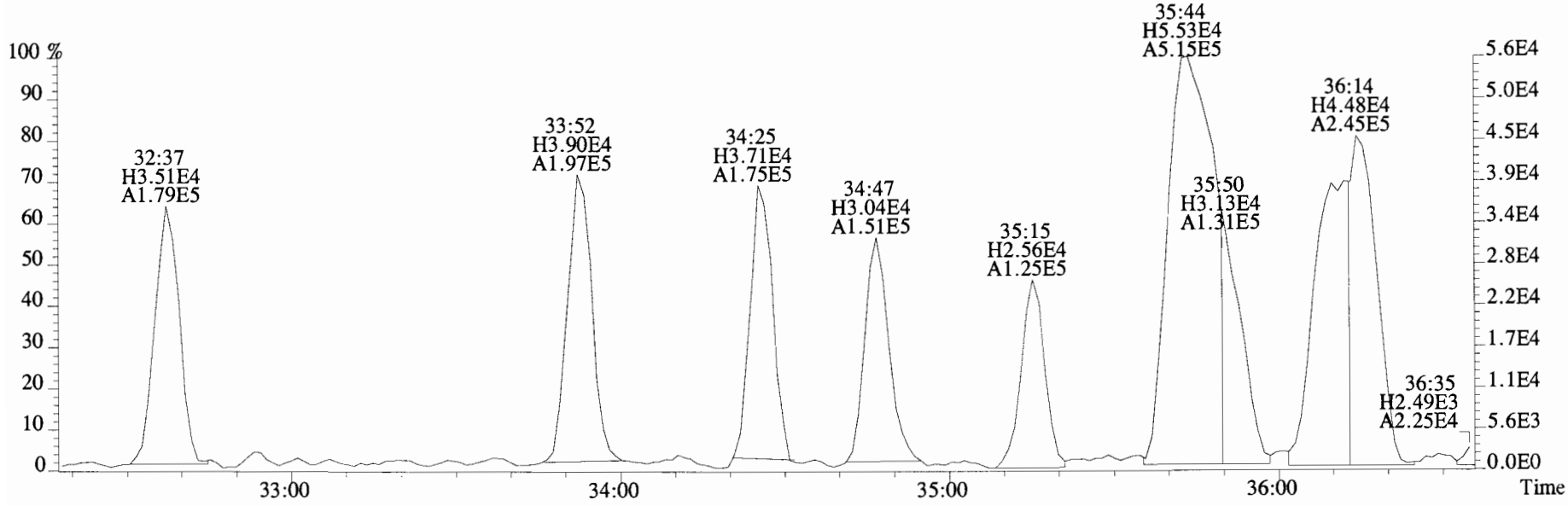
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3760.0,0.00%,F,F)



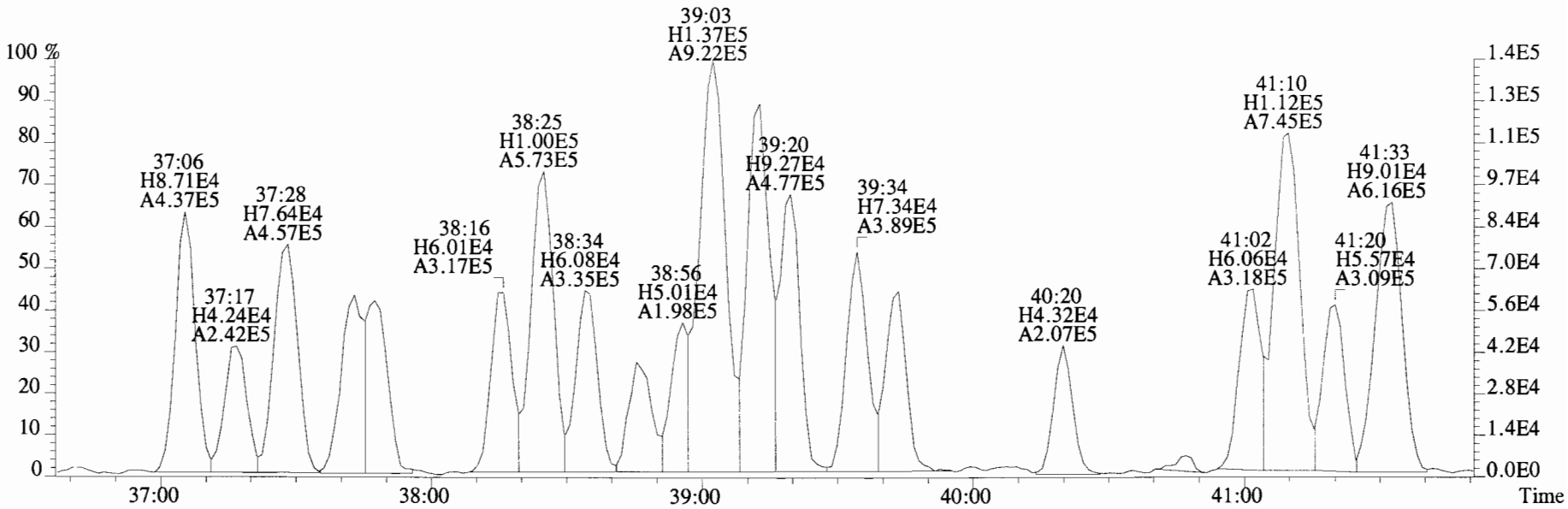
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2192.0,0.00%,F,F)



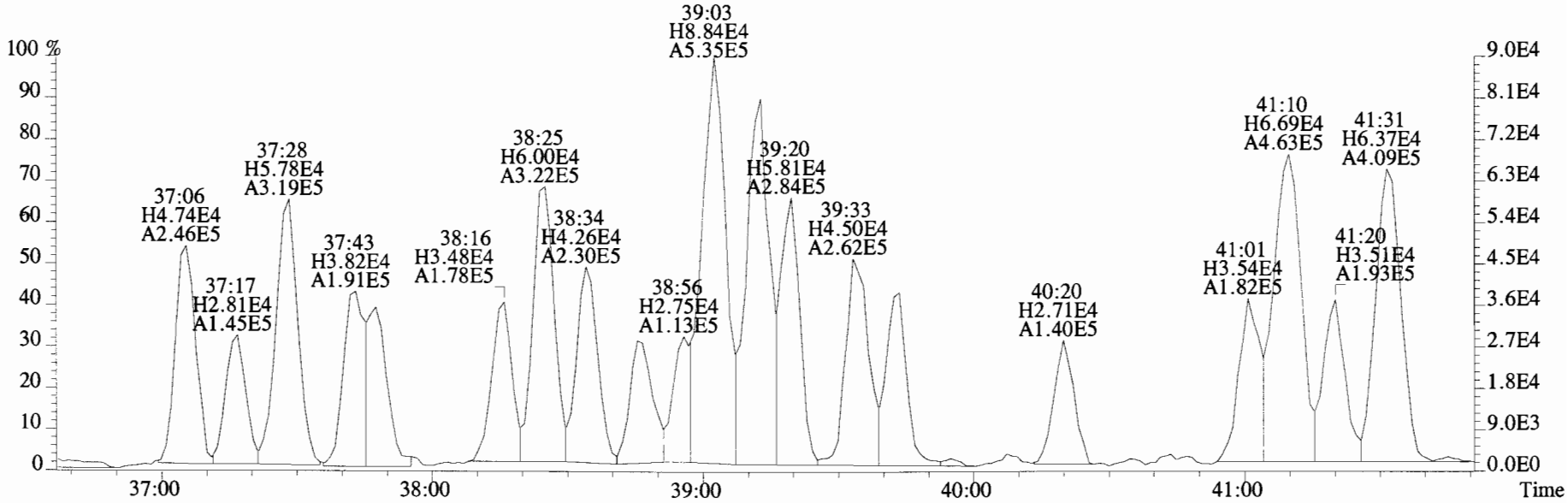
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2080.0,0.00%,F,F)



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)

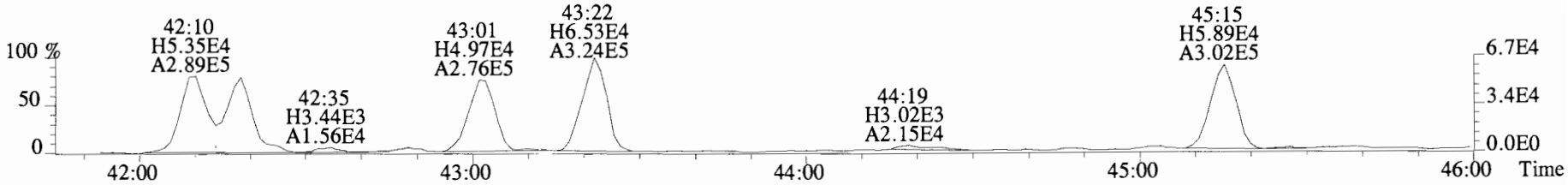


327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2080.0,0.00%,F,F)

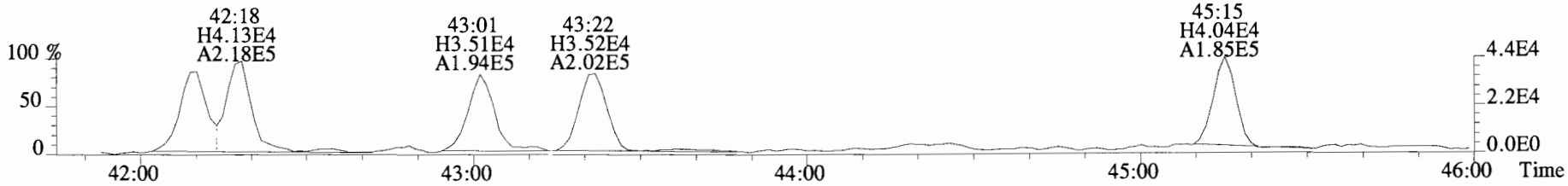


File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1

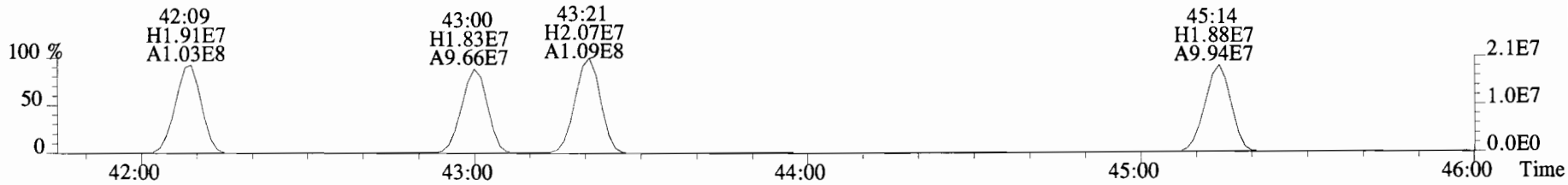
325.8804 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2272.0,0.00%,F,F)



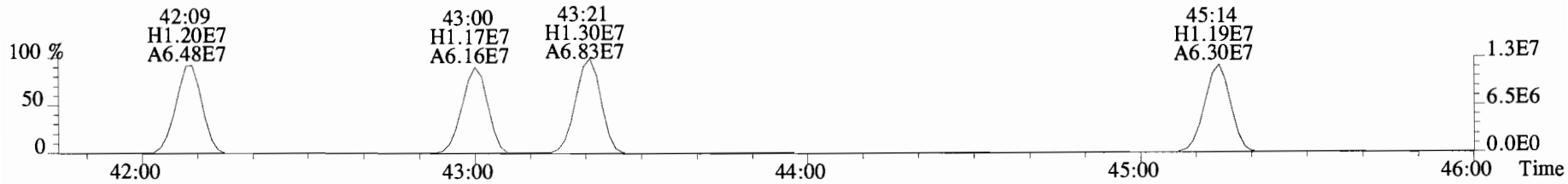
327.8775 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2344.0,0.00%,F,F)



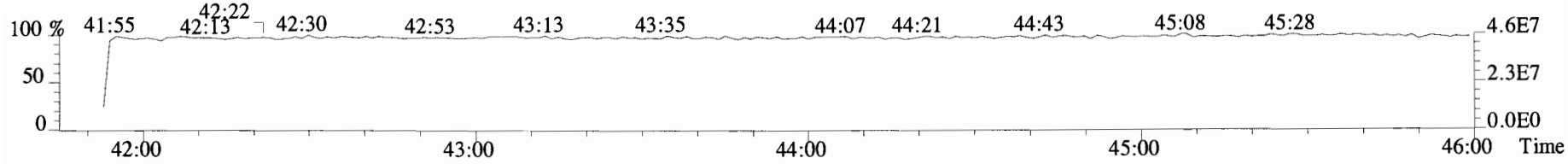
337.9207 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12672.0,0.00%,F,F)



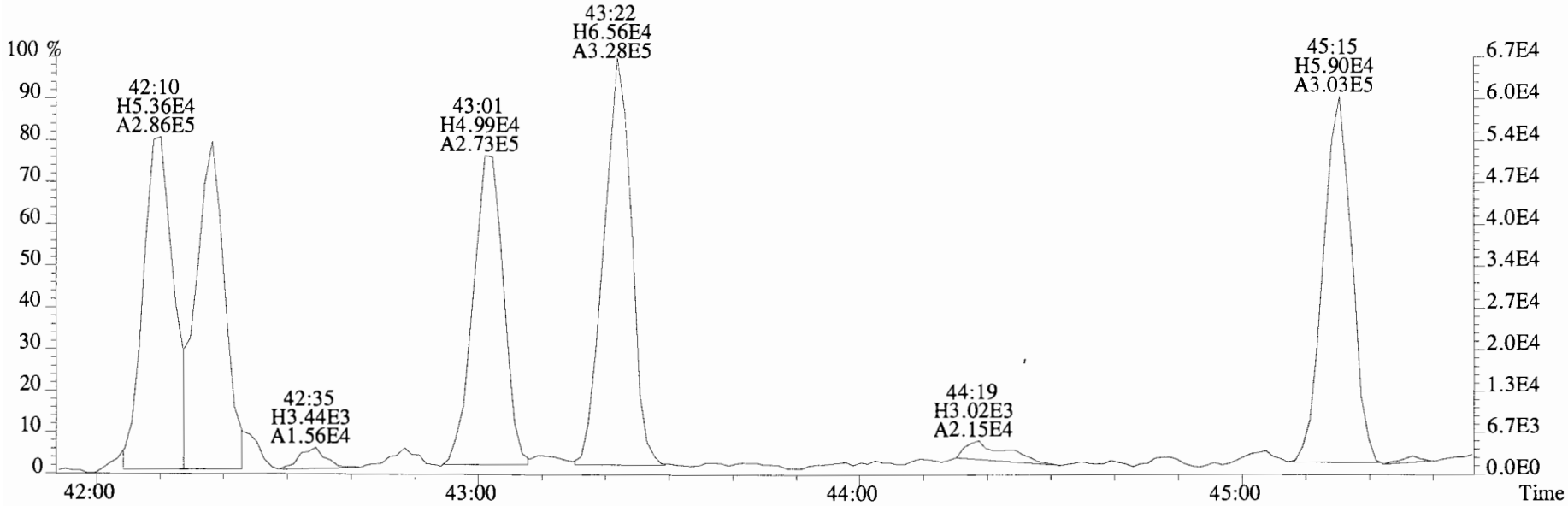
339.9177 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9696.0,0.00%,F,F)



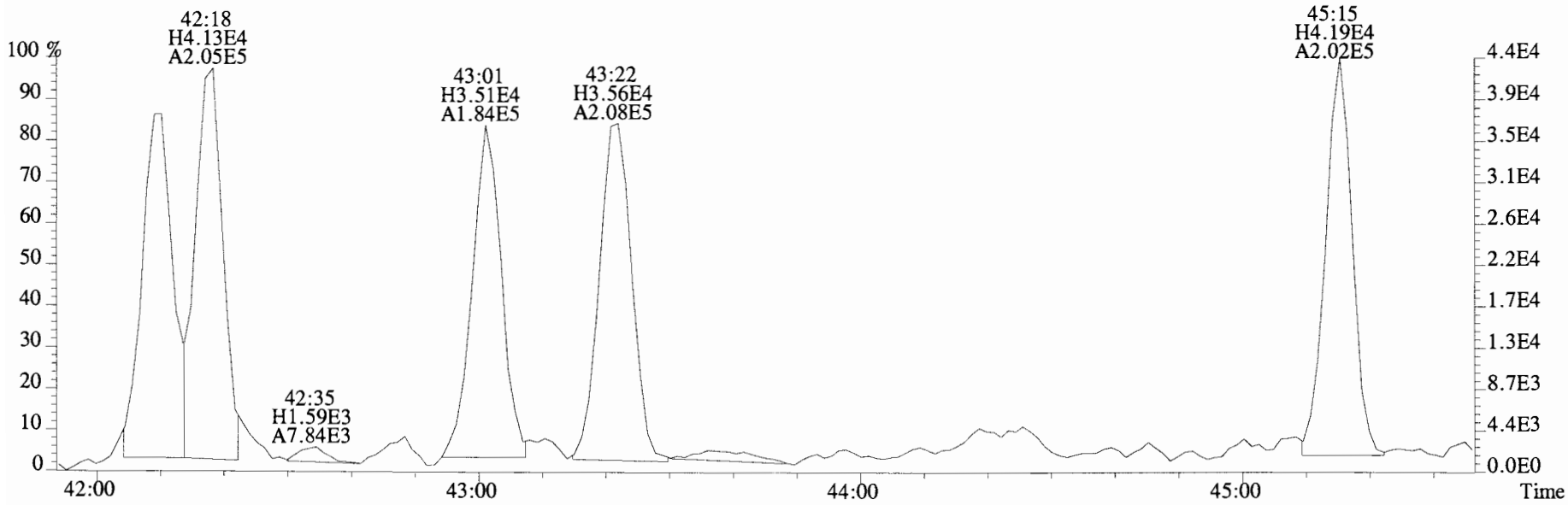
380.9760 F:4



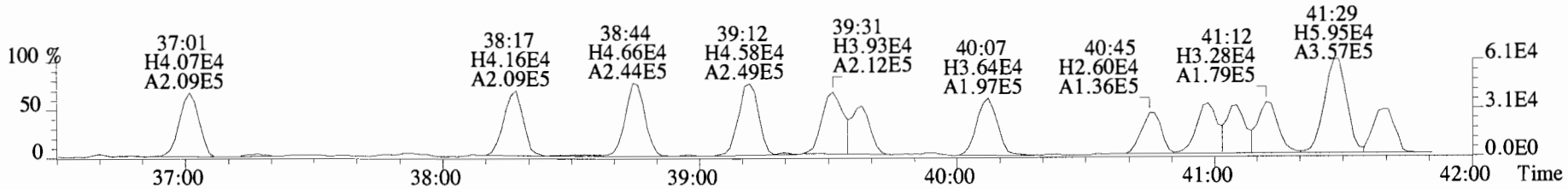
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
325.8804 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2272.0,0.00%,F,F)



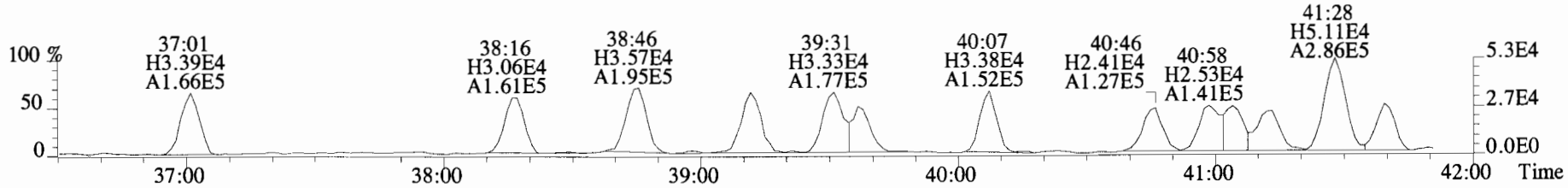
327.8775 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2344.0,0.00%,F,F)



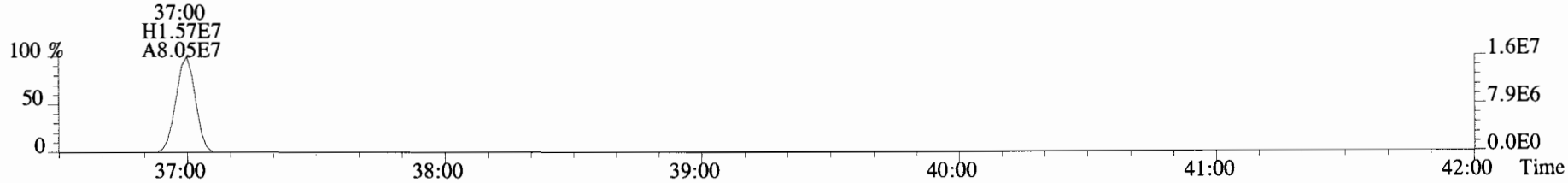
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
359.8415 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1880.0,0.00%,F,F)



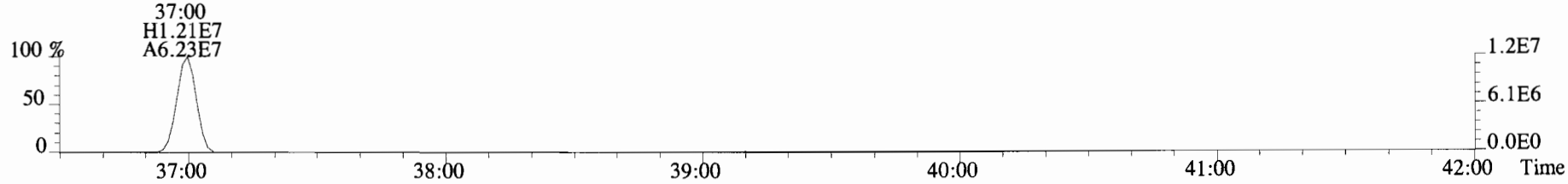
361.8385 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2088.0,0.00%,F,F)



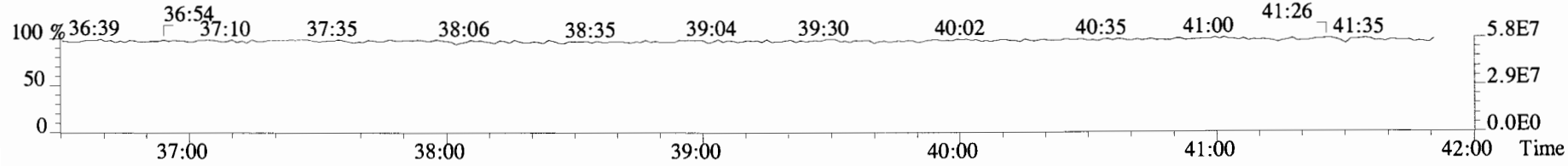
371.8817 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1796.0,0.00%,F,F)



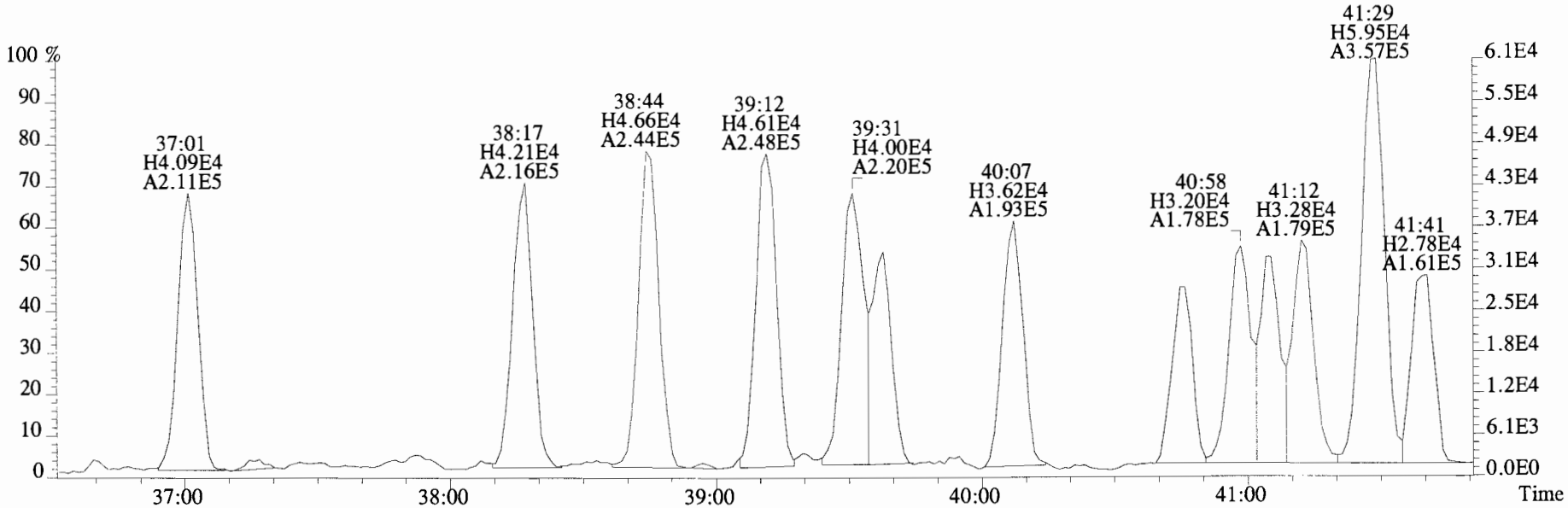
373.8788 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2732.0,0.00%,F,F)



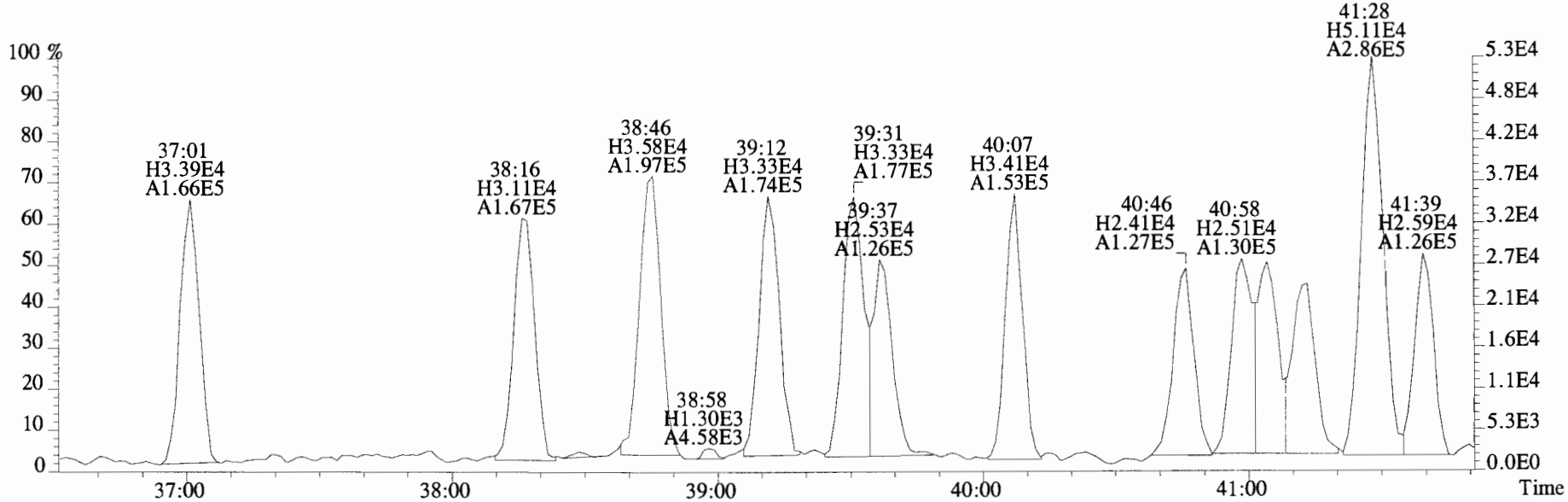
330.9792 F:3



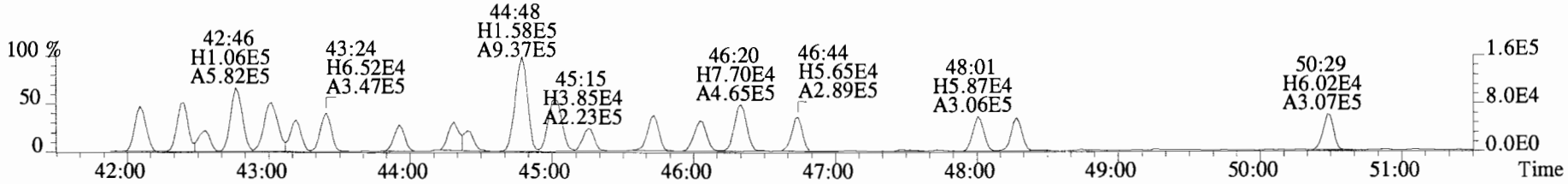
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
359.8415 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1880.0,0.00%,F,F)



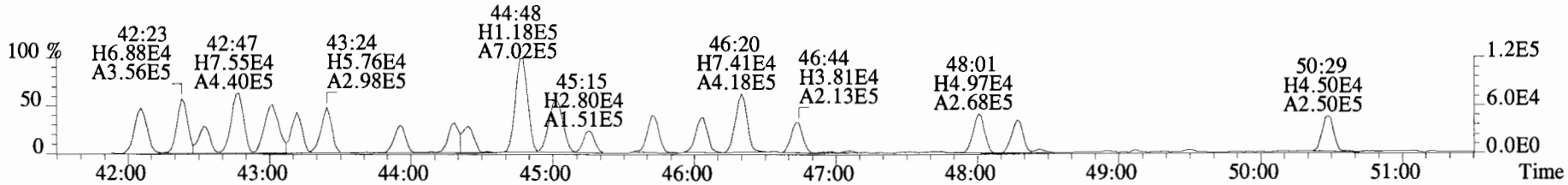
361.8385 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2088.0,0.00%,F,F)



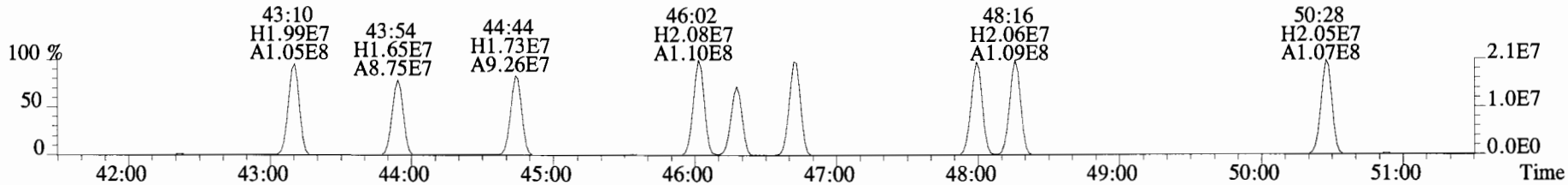
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2156.0,0.00%,F,F)



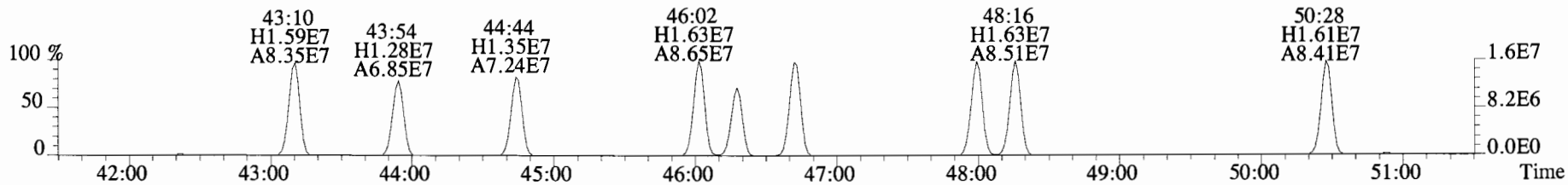
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2408.0,0.00%,F,F)



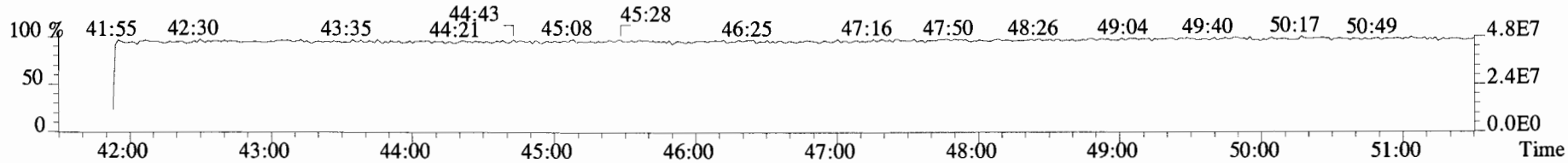
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27000.0,0.00%,F,F)



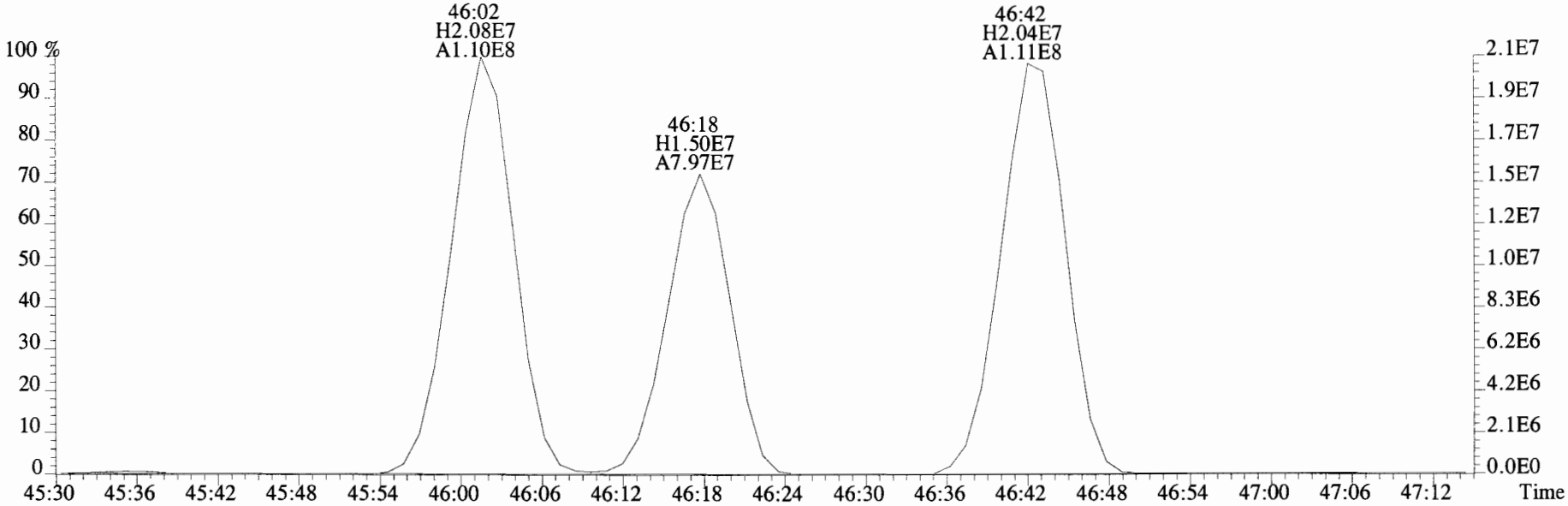
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19336.0,0.00%,F,F)



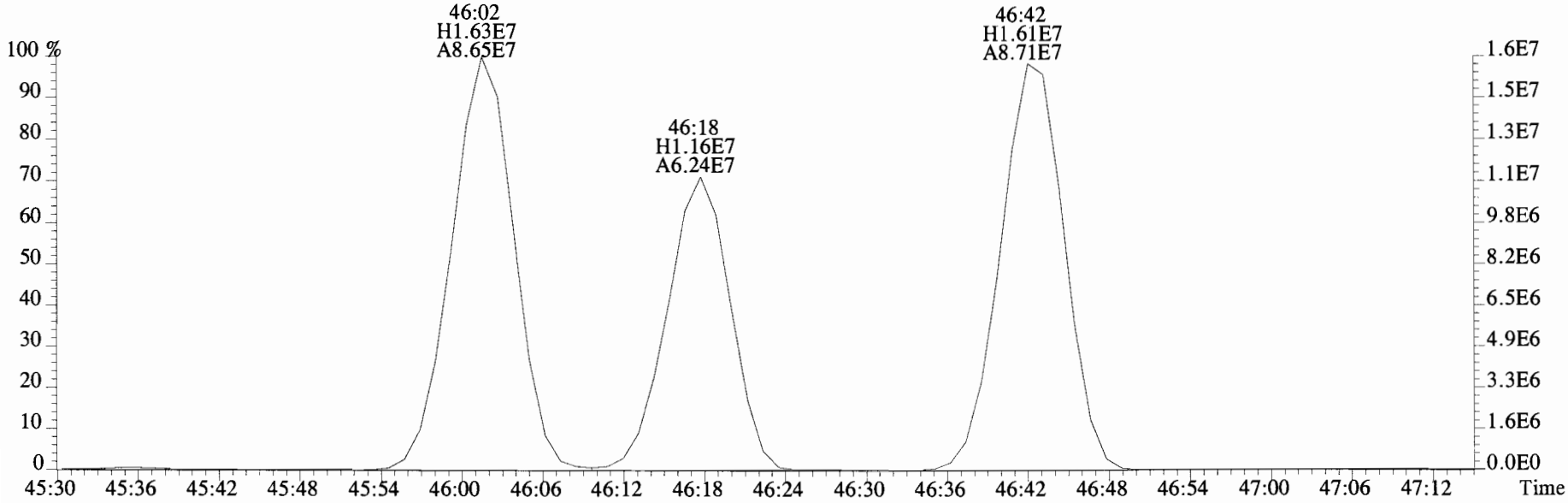
380.9760 F:4



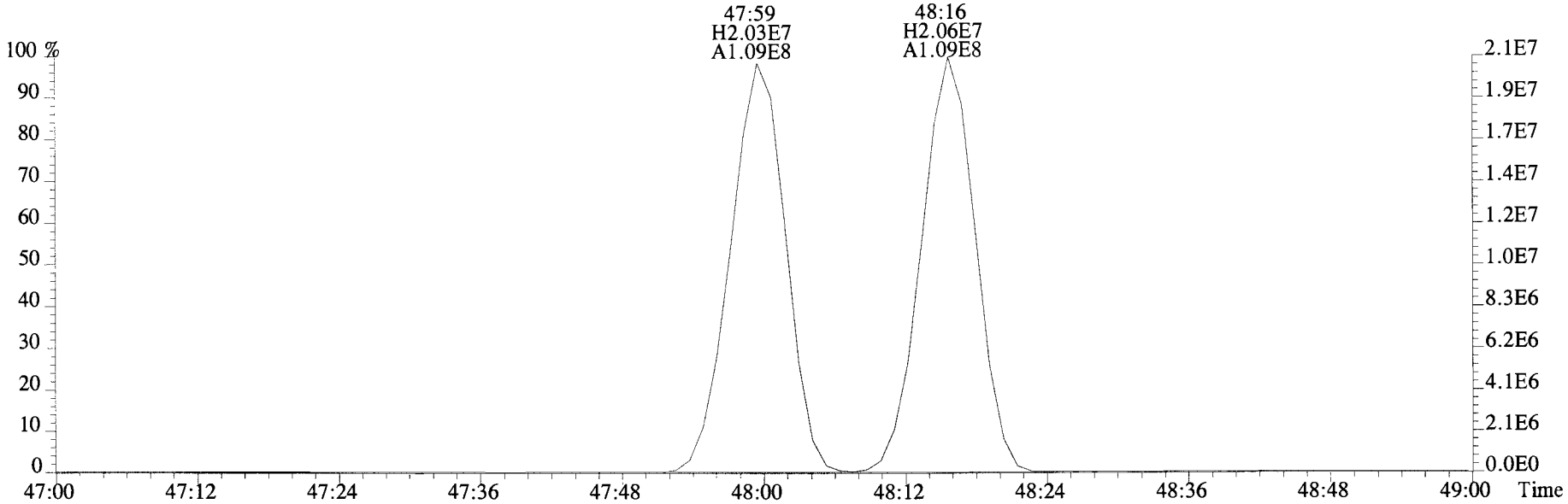
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27000.0,0.00%,F,F)



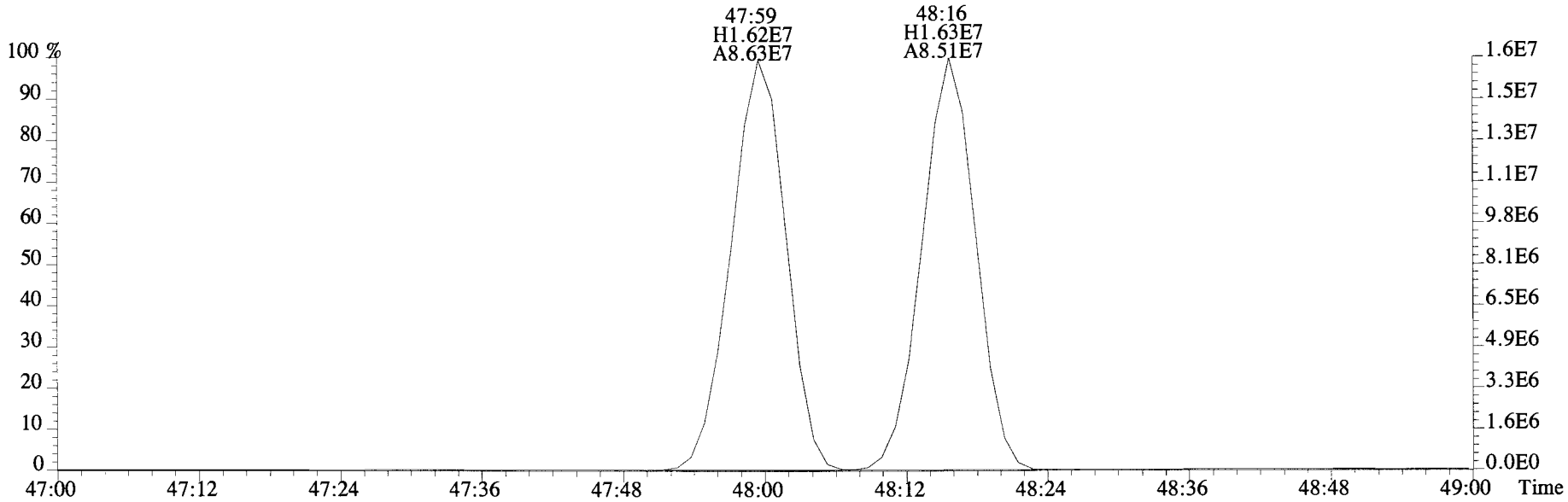
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19336.0,0.00%,F,F)



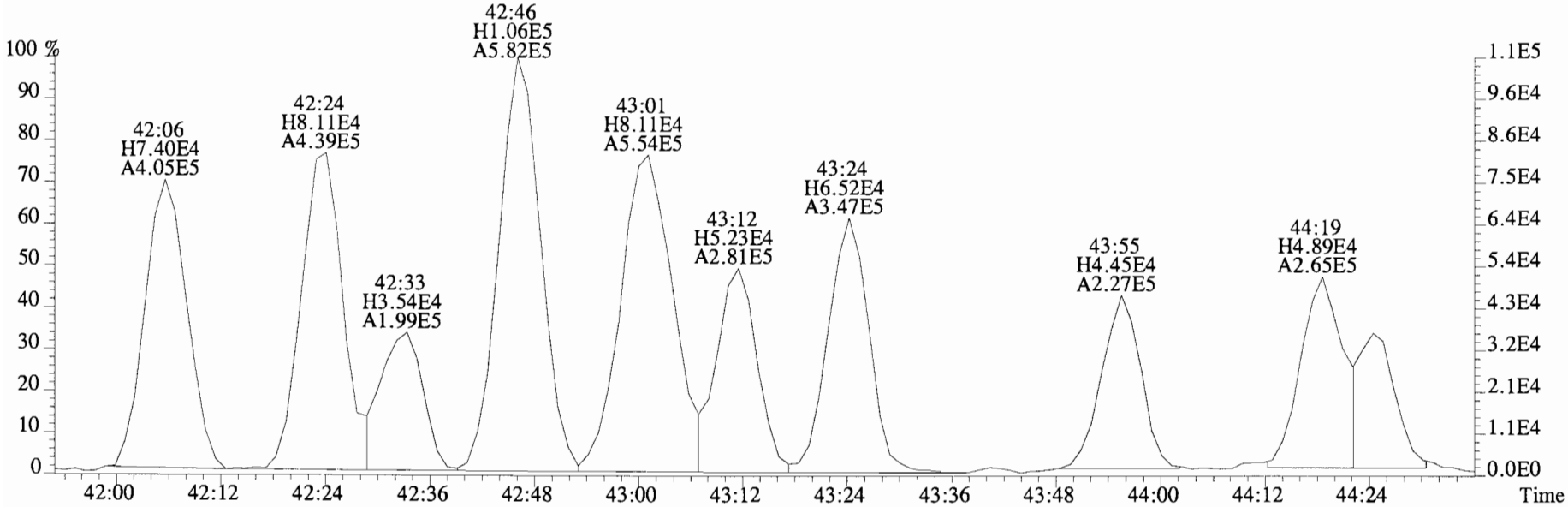
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27000.0,0.00%,F,F)



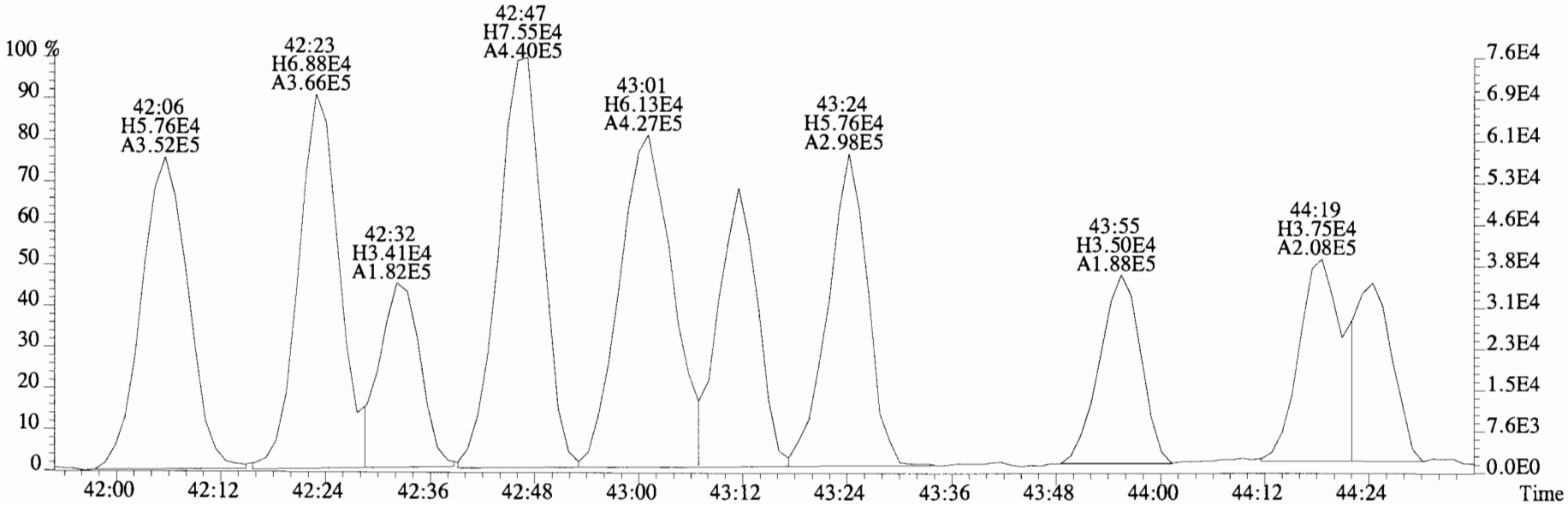
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19336.0,0.00%,F,F)



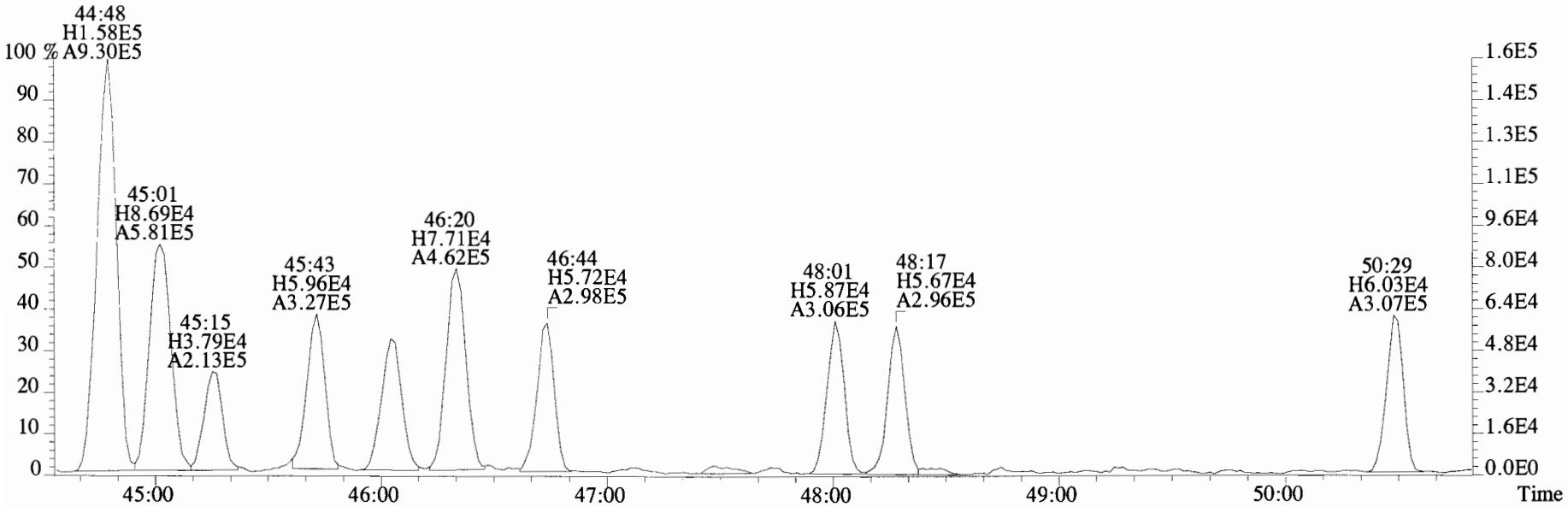
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2156.0,0.00%,F,F)



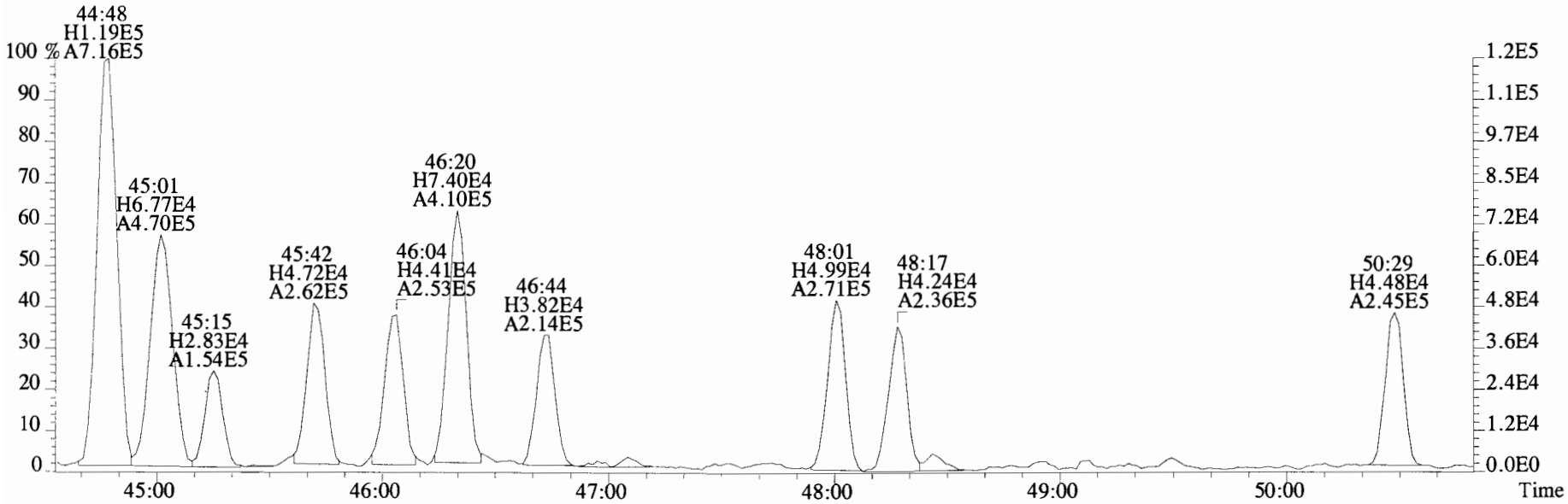
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2408.0,0.00%,F,F)



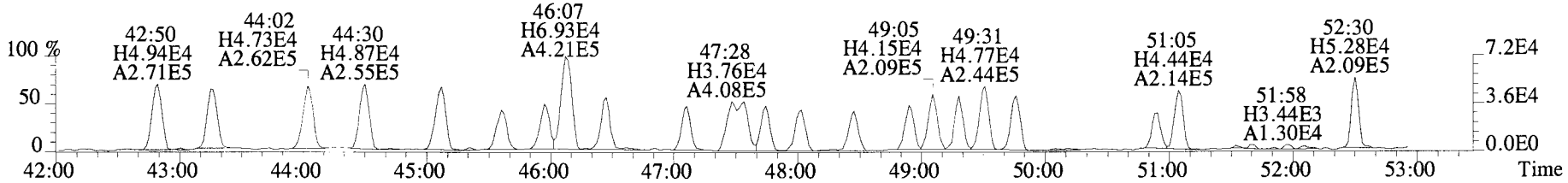
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2156.0,0.00%,F,F)



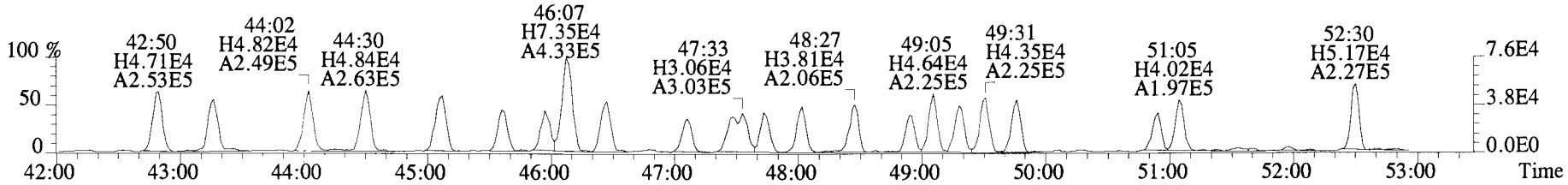
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2408.0,0.00%,F,F)



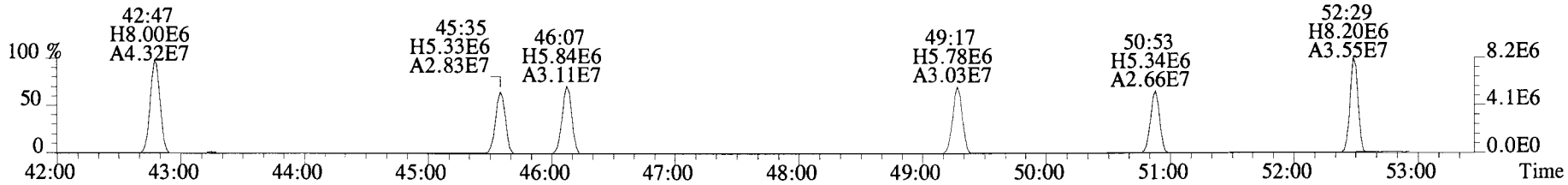
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
393.8025 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2444.0,0.00%,F,F)



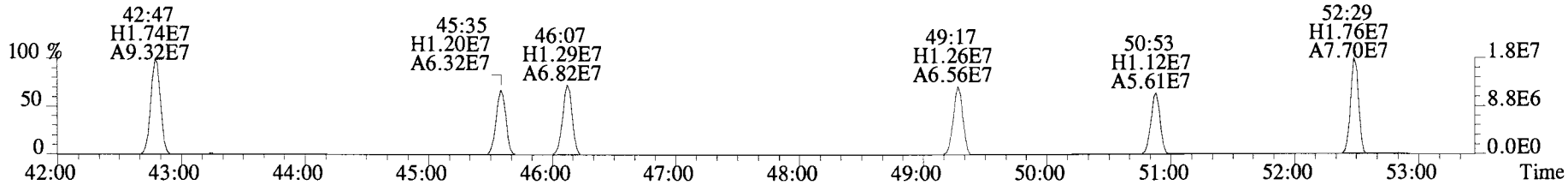
395.7995 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2312.0,0.00%,F,F)



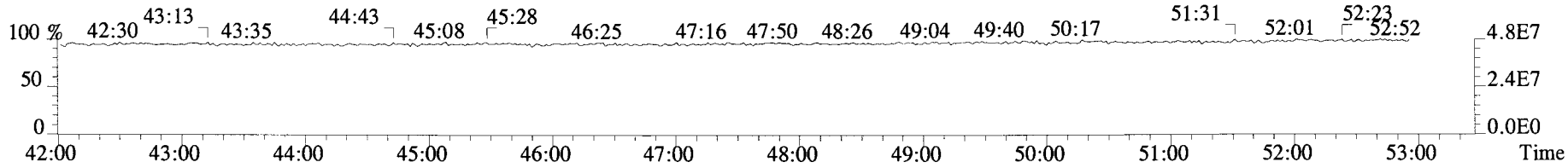
403.8457 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11636.0,0.00%,F,F)



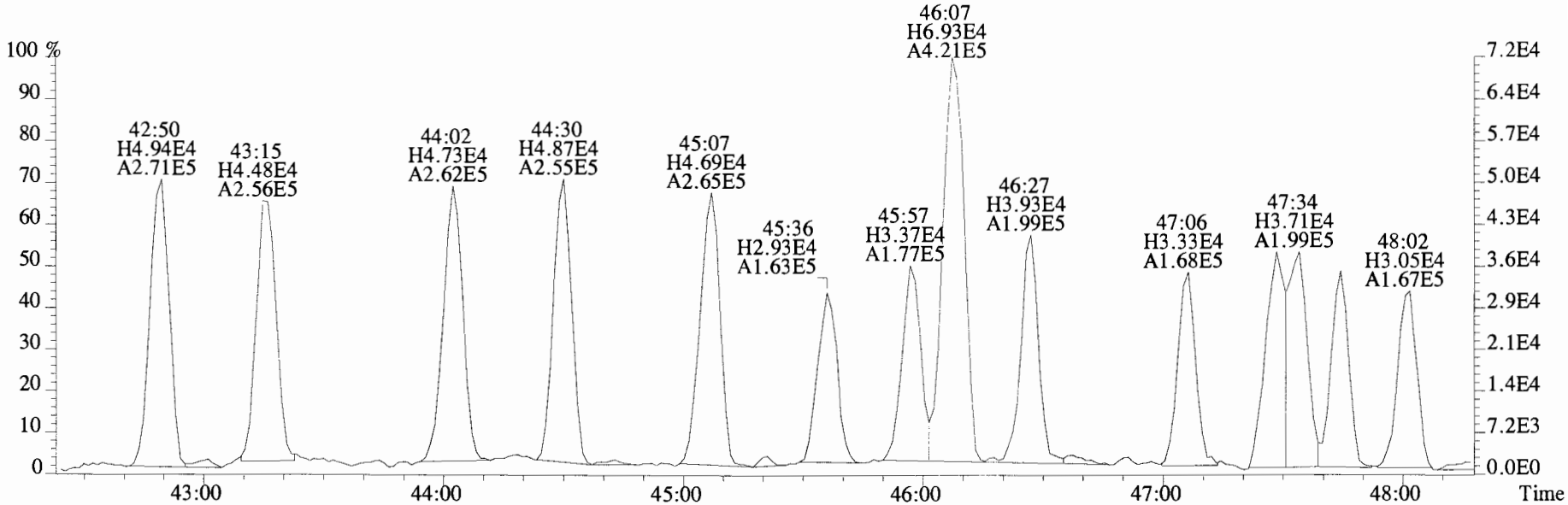
405.8428 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18176.0,0.00%,F,F)



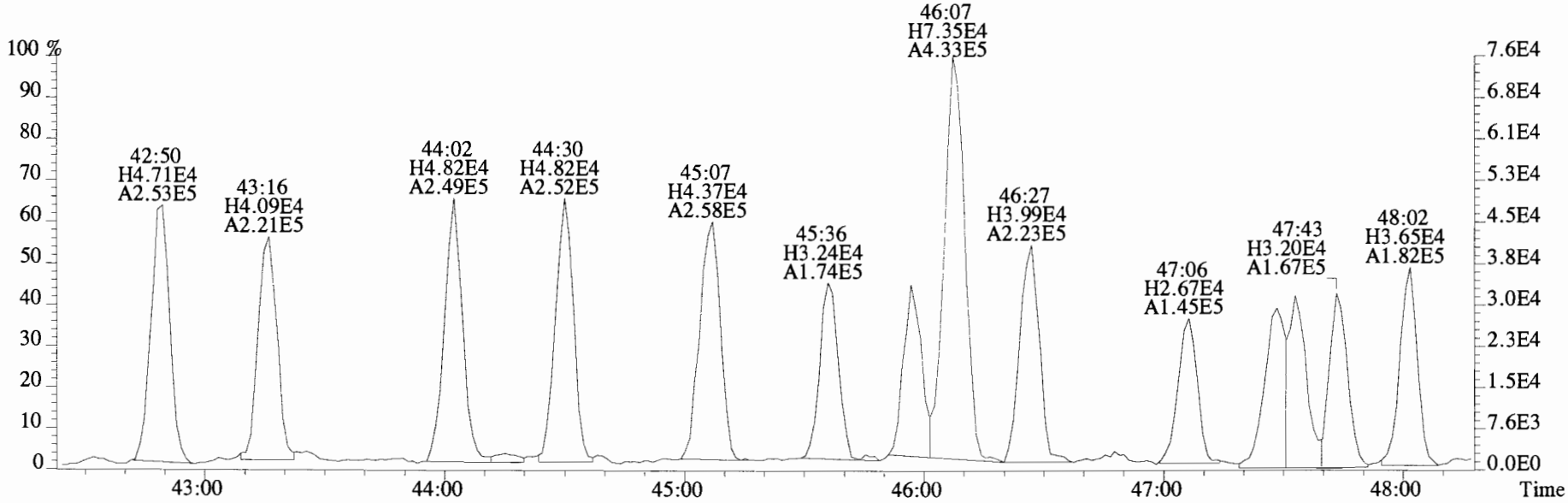
380.9760 F:4



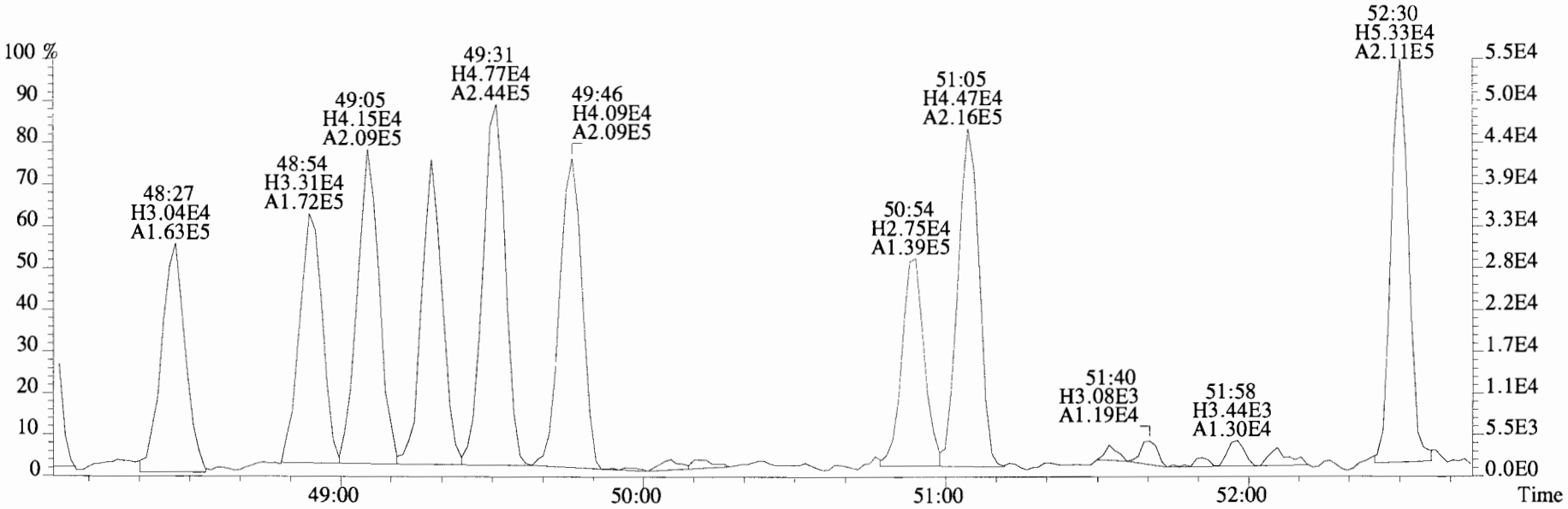
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
393.8025 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2444.0,0.00%,F,F)



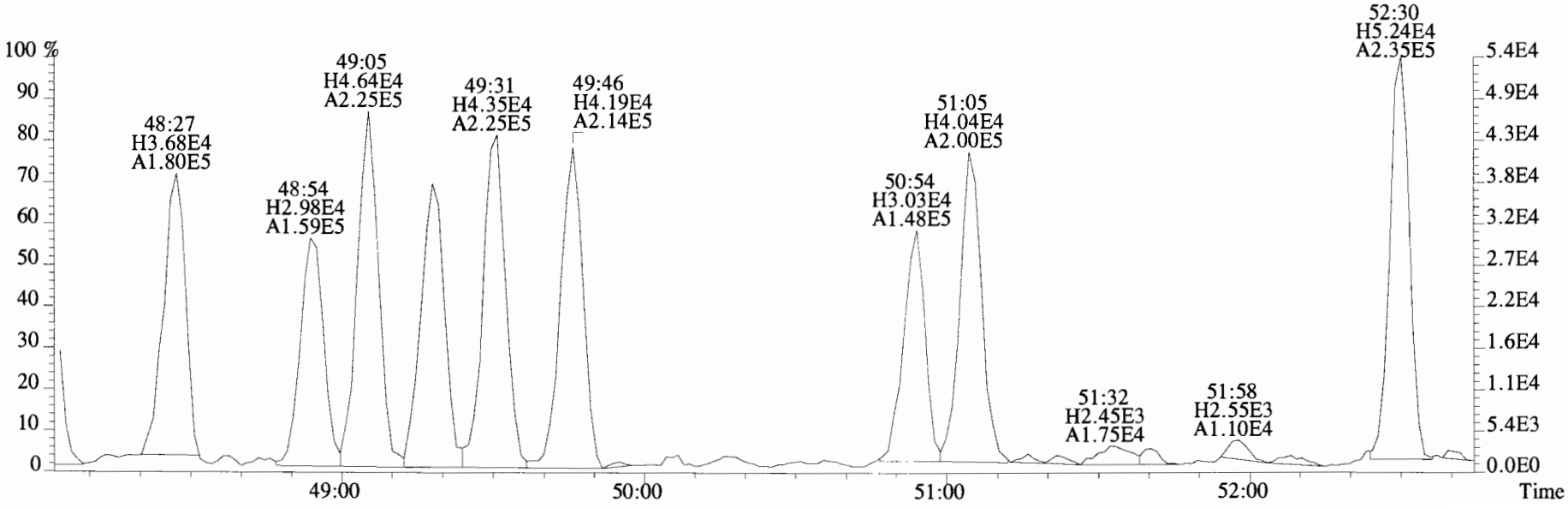
395.7995 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2312.0,0.00%,F,F)



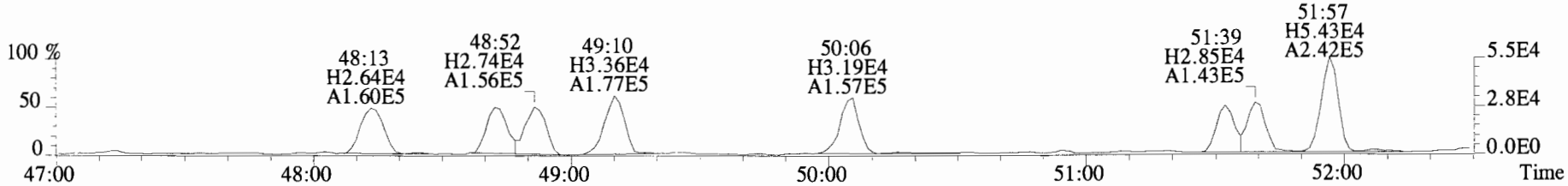
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
393.8025 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2444.0,0.00%,F,F)



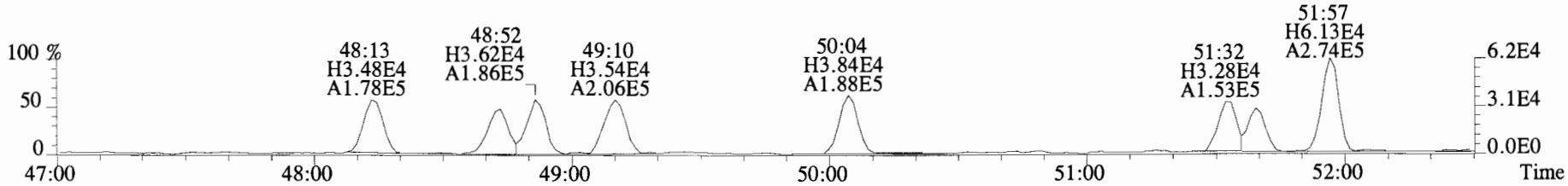
395.7995 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2312.0,0.00%,F,F)



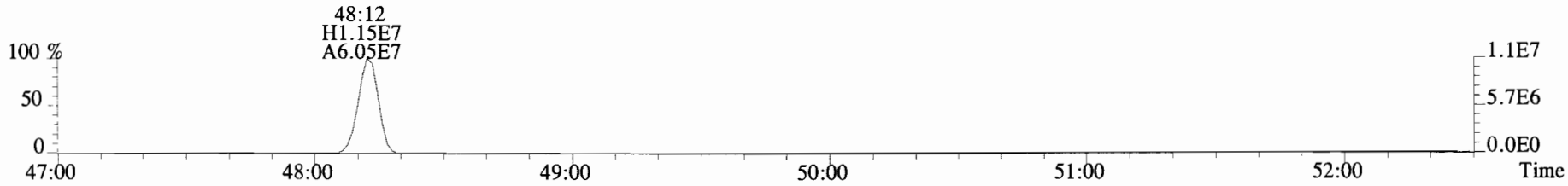
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
427.7635 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1984.0,0.00%,F,F)



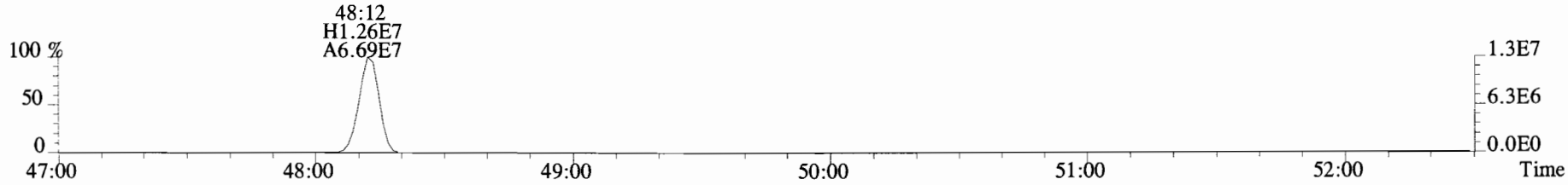
429.7606 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1992.0,0.00%,F,F)



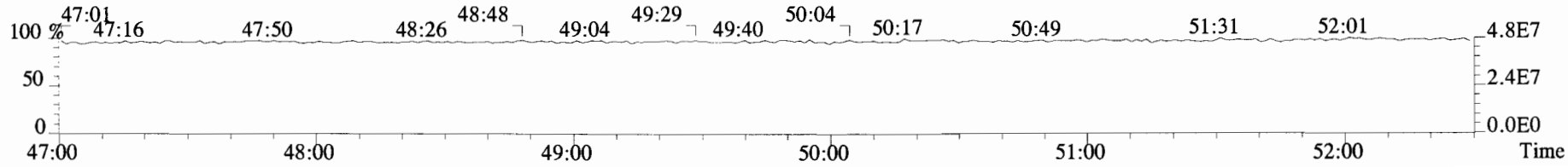
439.8038 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6124.0,0.00%,F,F)



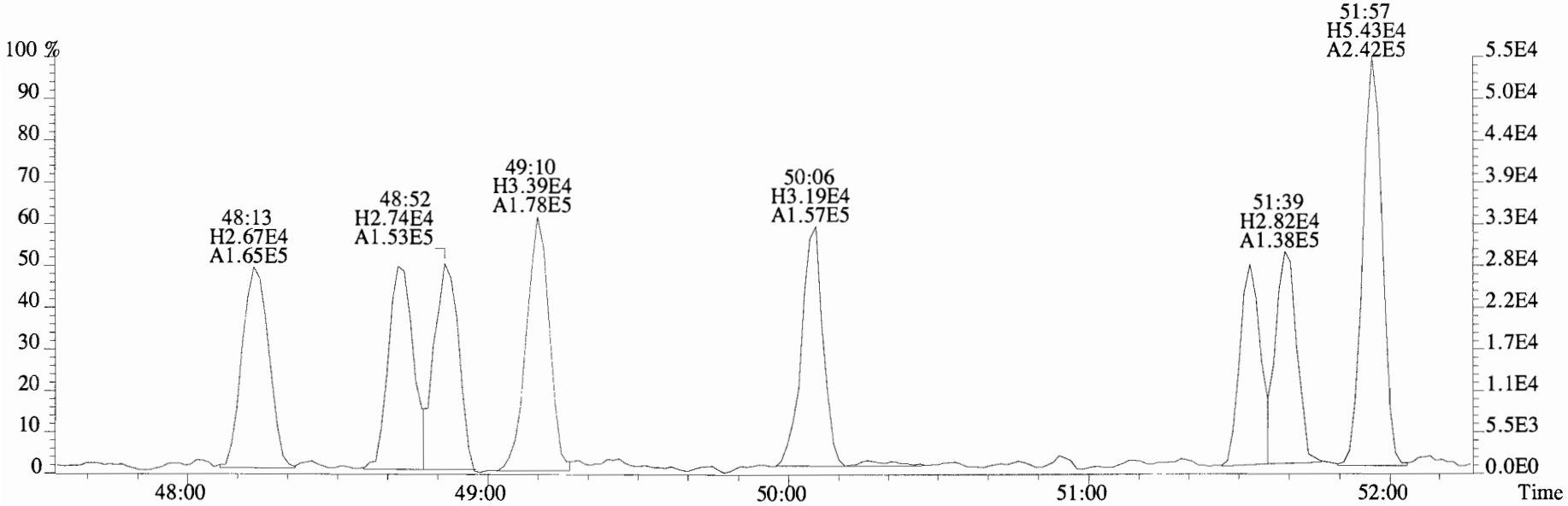
441.8008 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6860.0,0.00%,F,F)



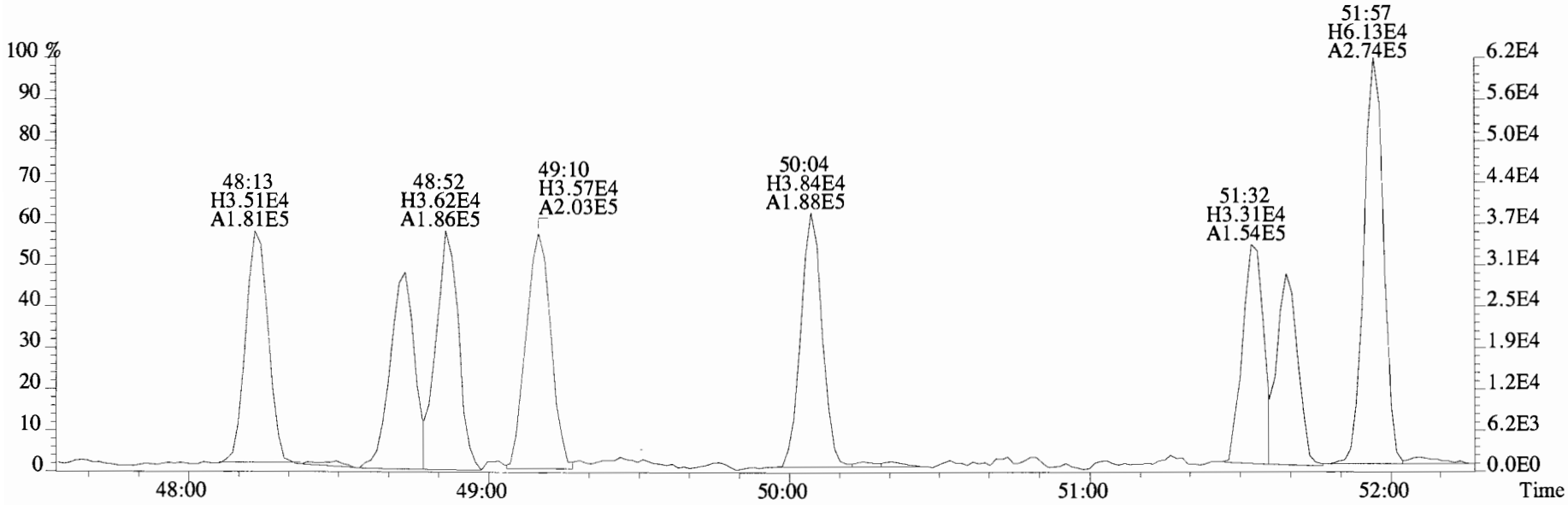
380.9760 F:4



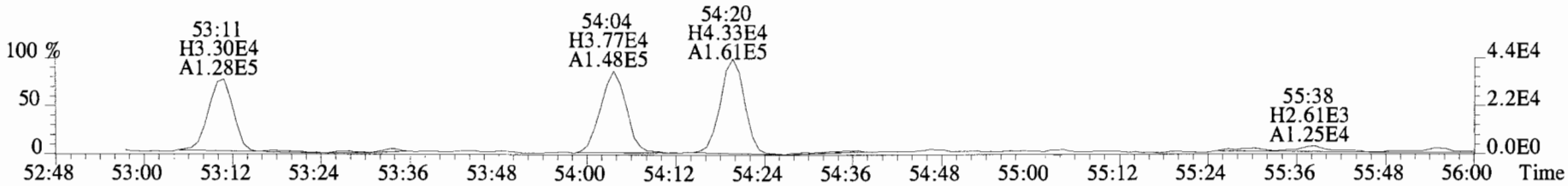
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
427.7635 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1984.0,0.00%,F,F)



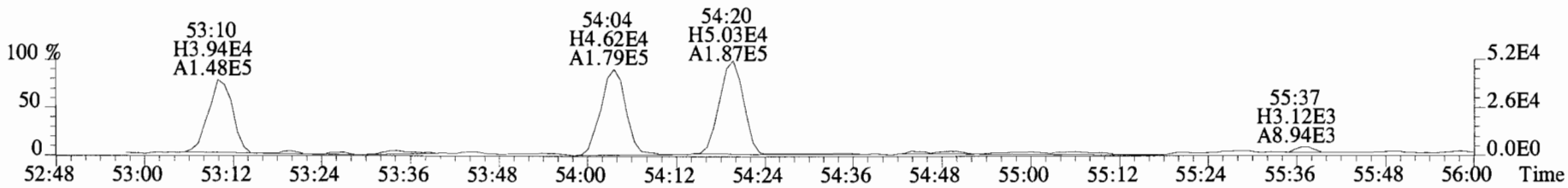
429.7606 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1992.0,0.00%,F,F)



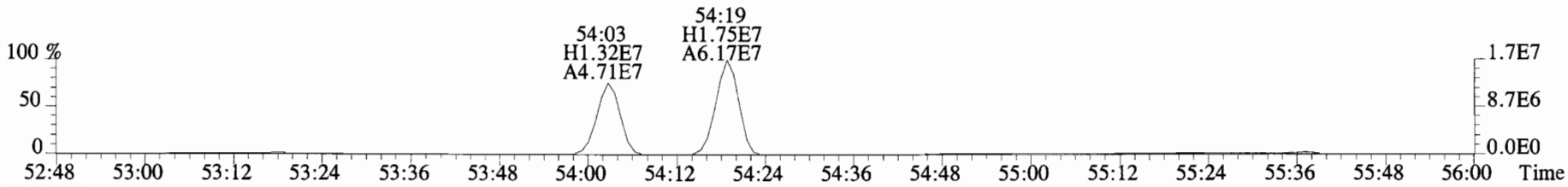
File:180208E1 #1-407 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
427.7635 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1552.0,0.00%,F,F)



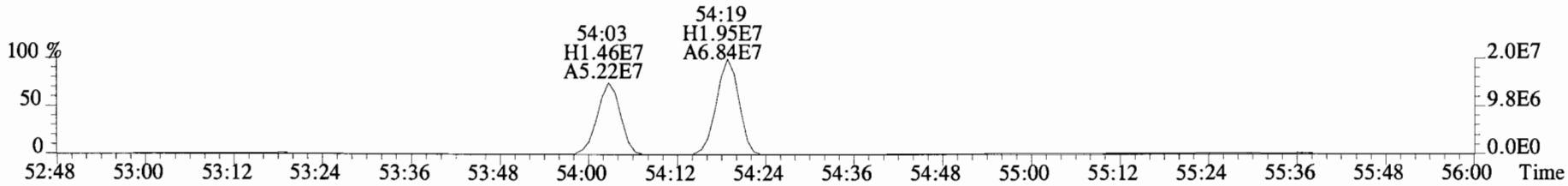
429.7606 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1780.0,0.00%,F,F)



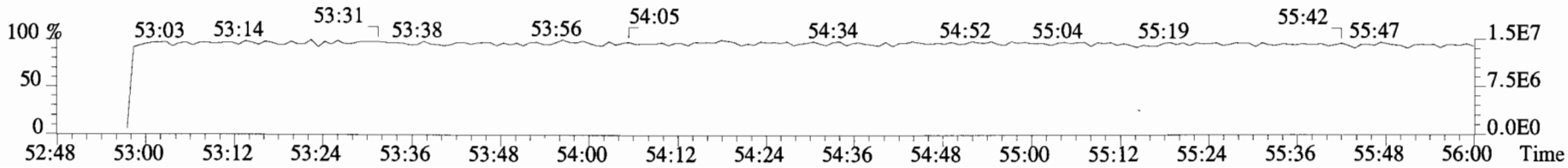
439.8038 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9204.0,0.00%,F,F)



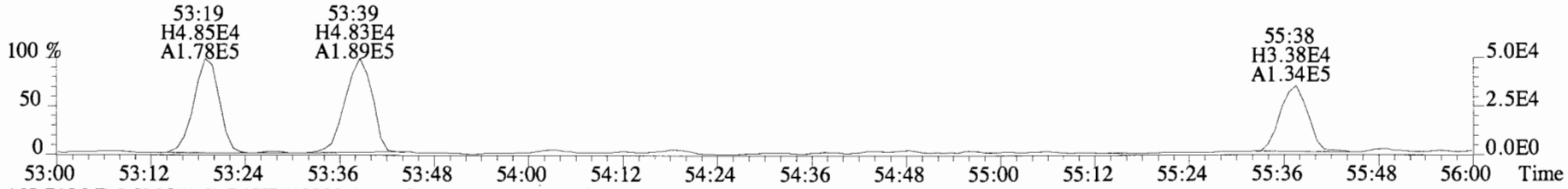
441.8008 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13472.0,0.00%,F,F)



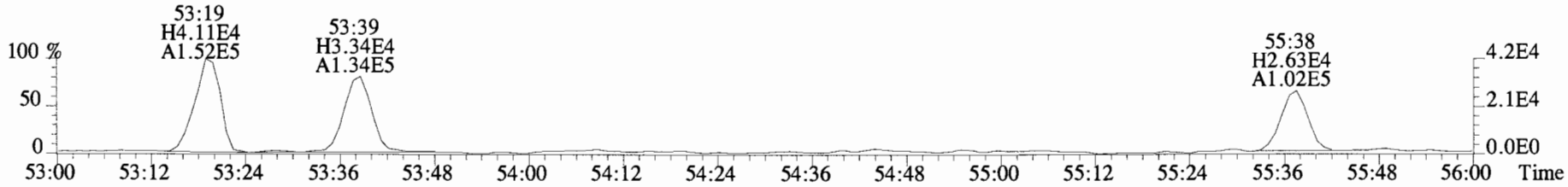
492.9697 F:5



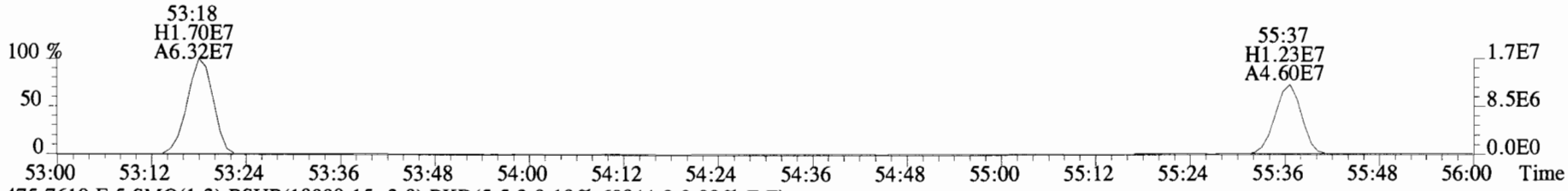
File:180208E1 #1-407 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
463.7216 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1728.0,0.00%,F,F)



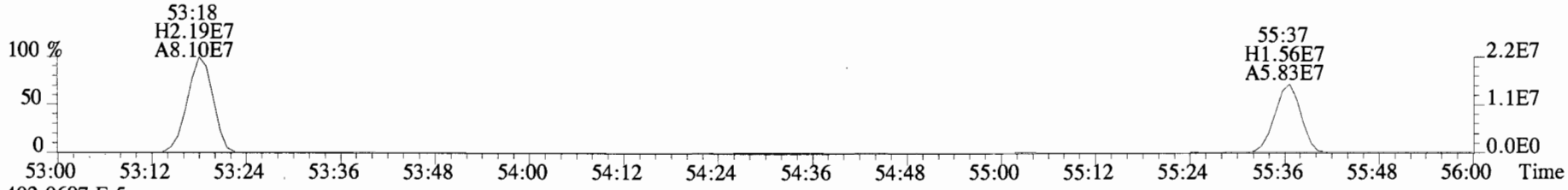
465.7186 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1520.0,0.00%,F,F)



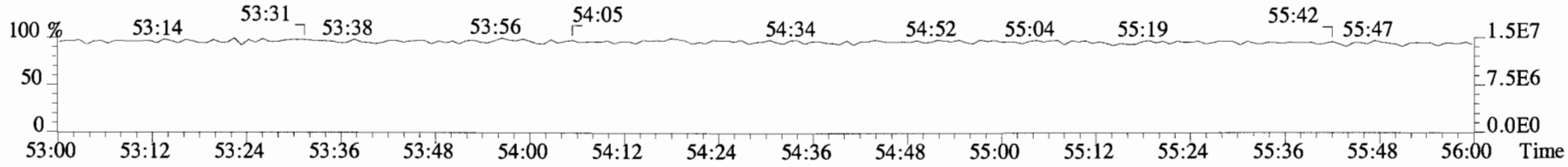
473.7648 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,60792.0,0.00%,F,F)



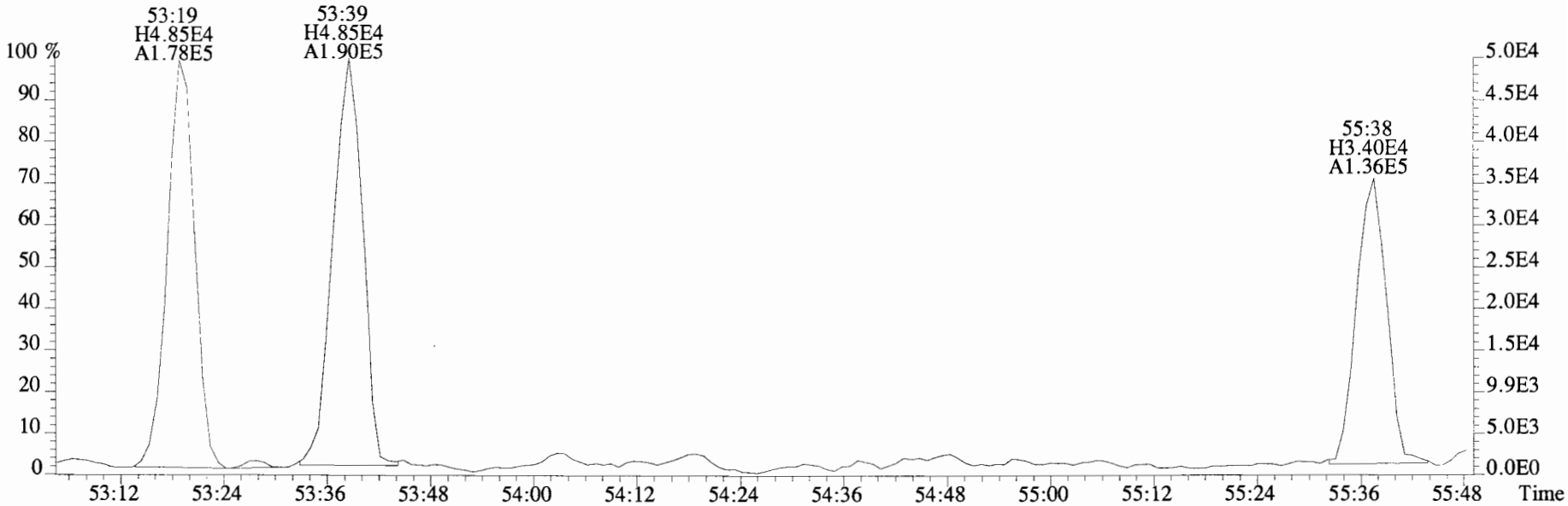
475.7619 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,69044.0,0.00%,F,F)



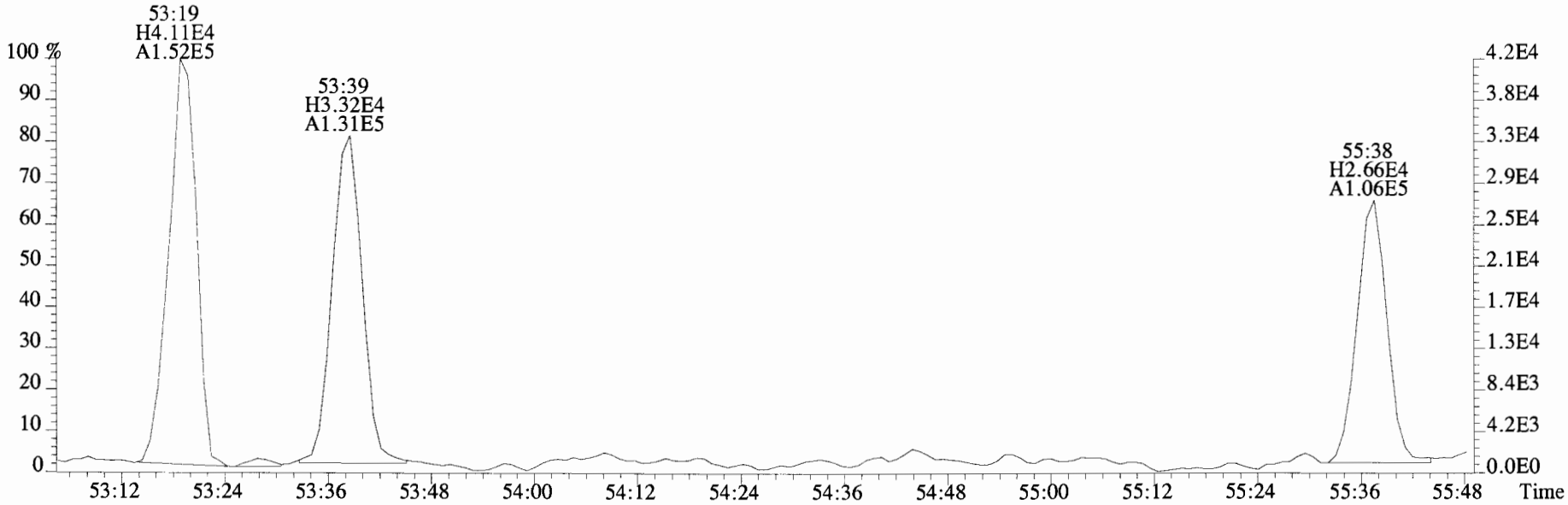
492.9697 F:5



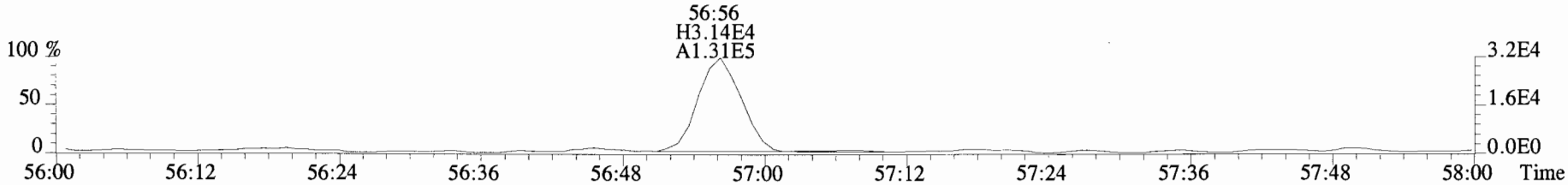
File:180208E1 #1-407 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
463.7216 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1728.0,0.00%,F,F)



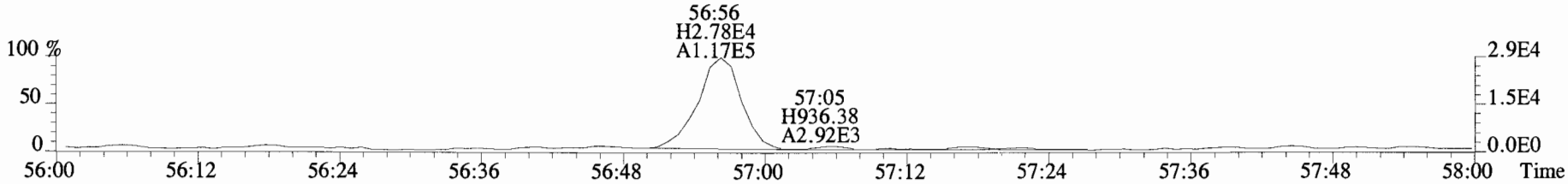
465.7186 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1520.0,0.00%,F,F)



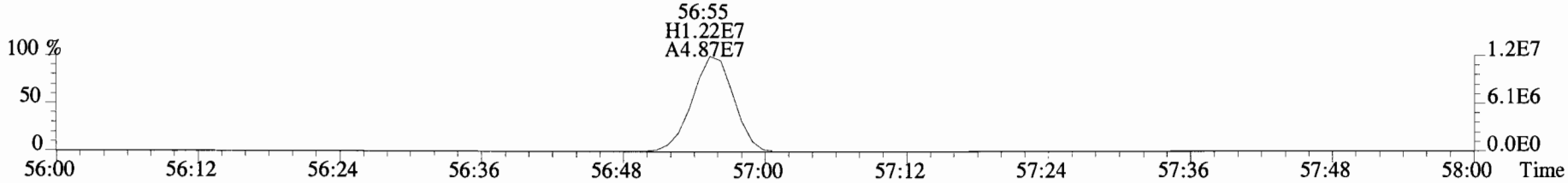
File:180208E1 #1-407 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
497.6826 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1412.0,0.00%,F,F)



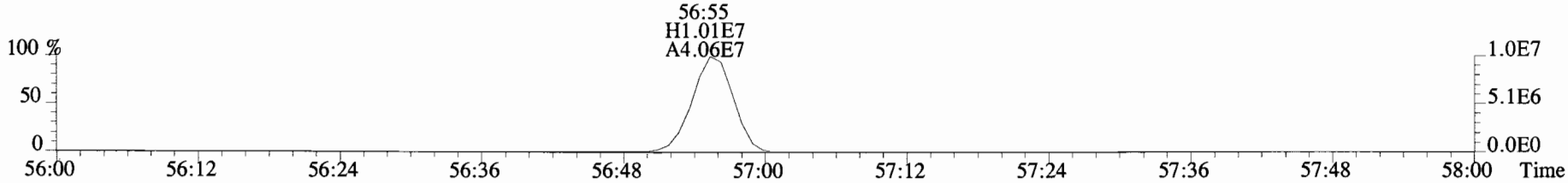
499.6797 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1700.0,0.00%,F,F)



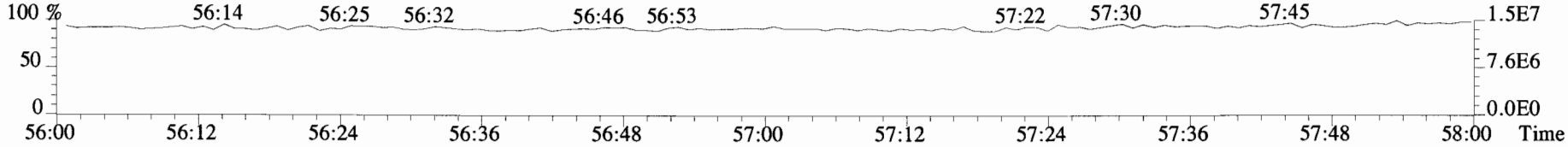
509.7229 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1680.0,0.00%,F,F)



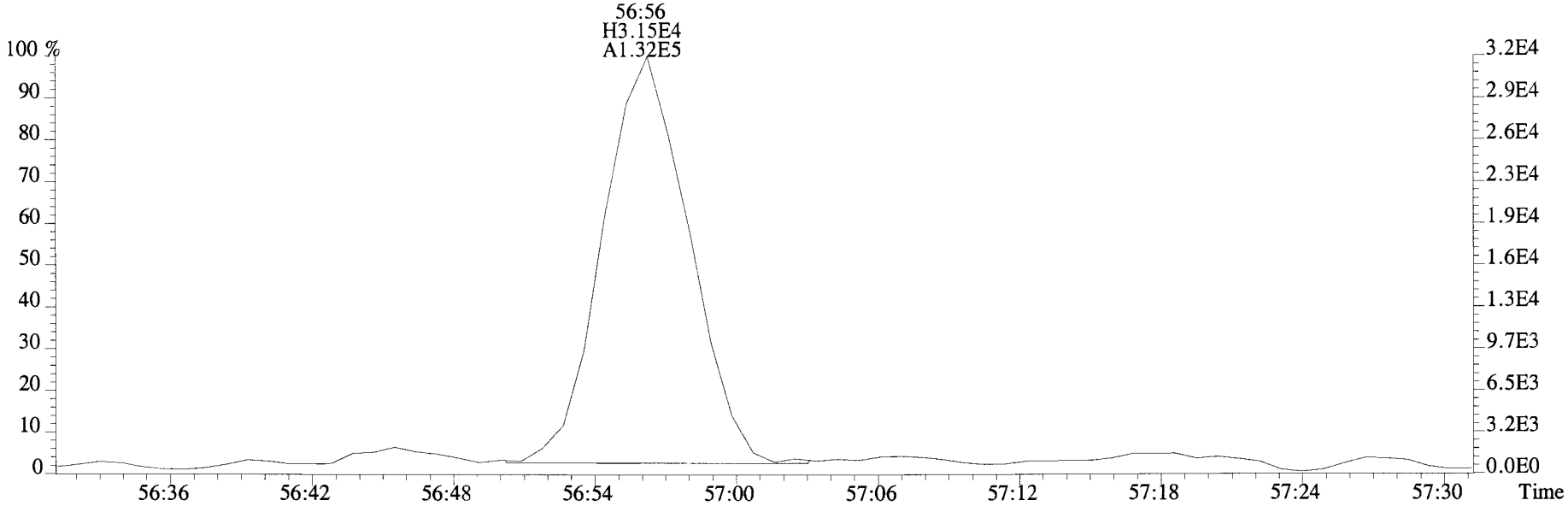
511.7199 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1572.0,0.00%,F,F)



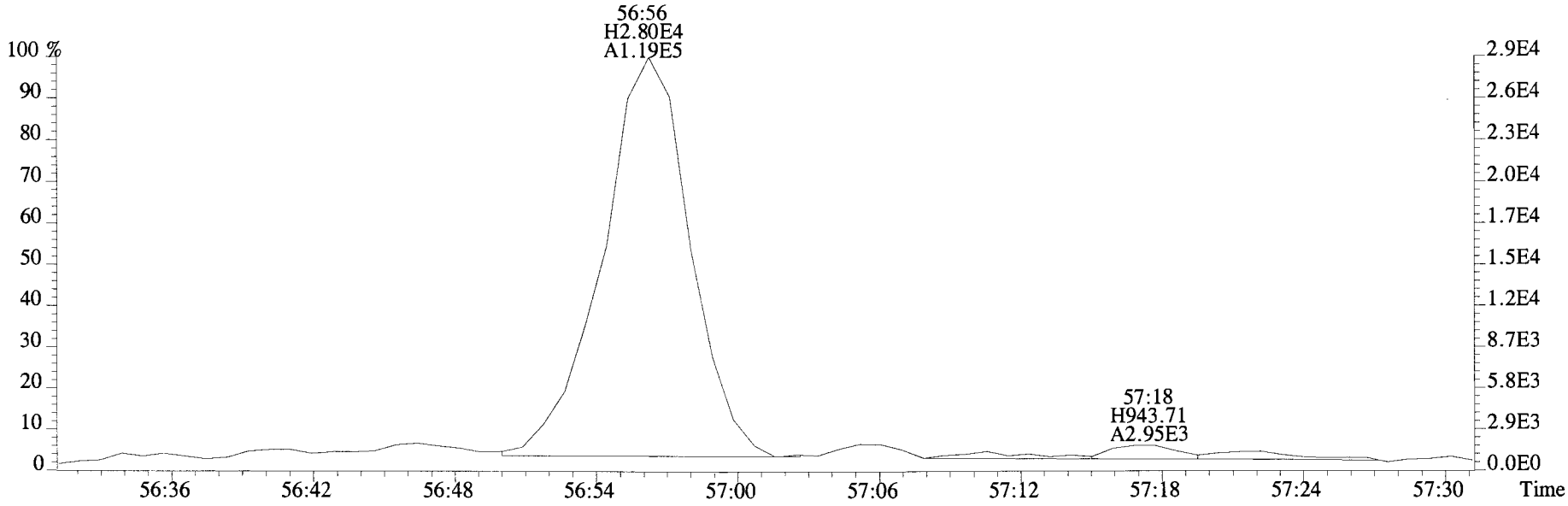
492.9697 F:5



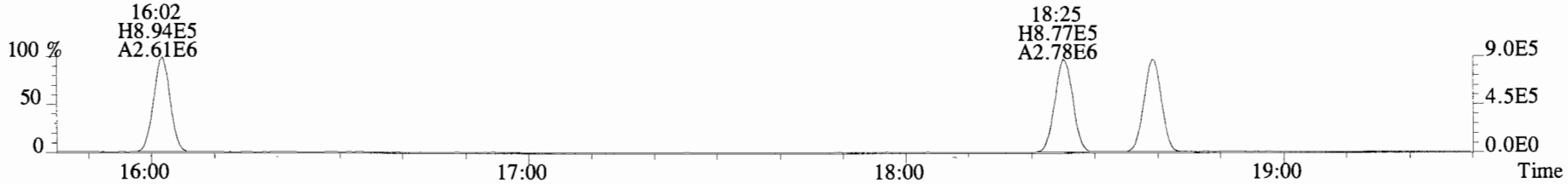
File:180208E1 #1-407 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
497.6826 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1412.0,0.00%,F,F)



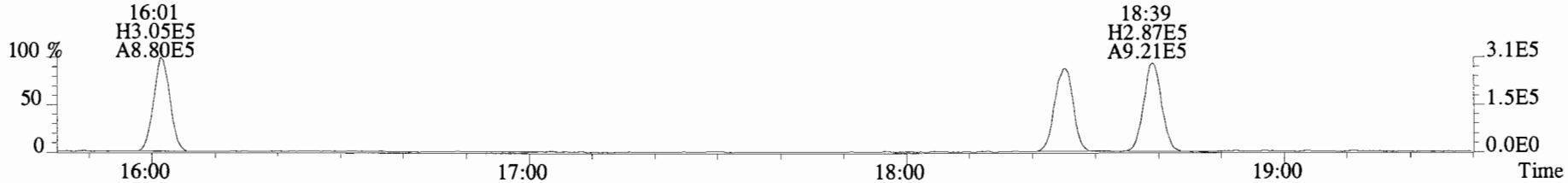
499.6797 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1700.0,0.00%,F,F)



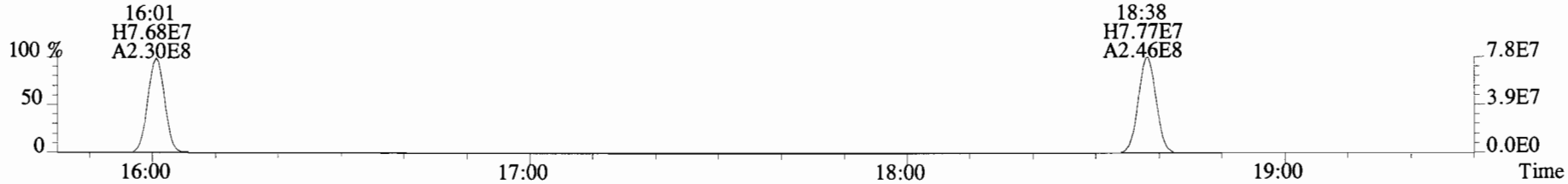
File:180208E1 #1-866 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
188.0393 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9444.0,0.00%,F,F)



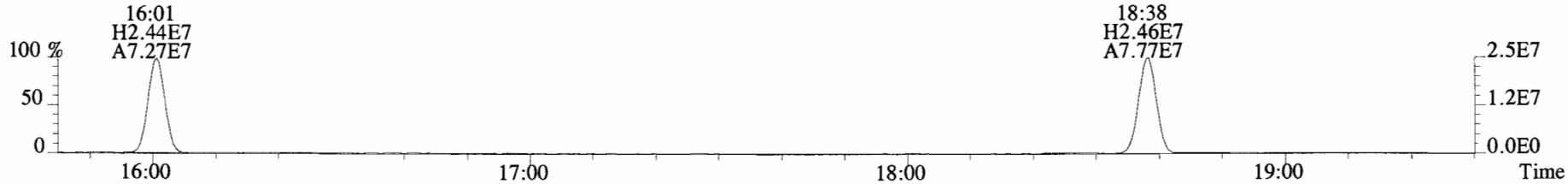
190.0363 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5396.0,0.00%,F,F)



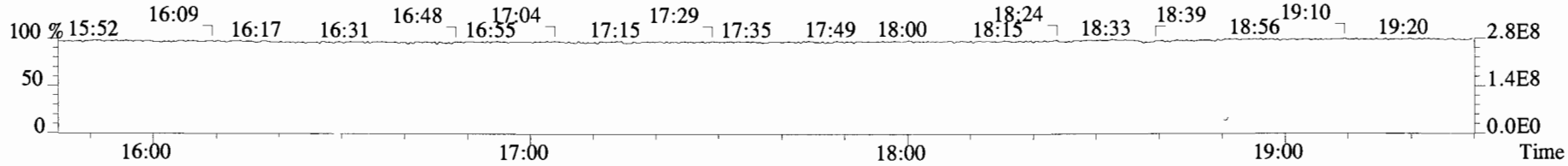
200.0795 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8352.0,0.00%,F,F)



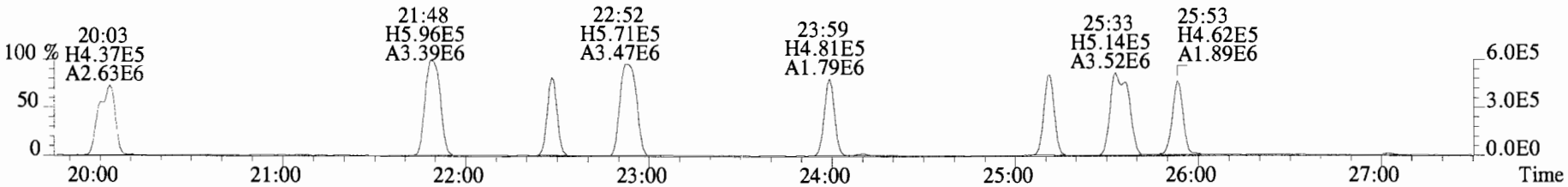
202.0766 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,98792.0,0.00%,F,F)



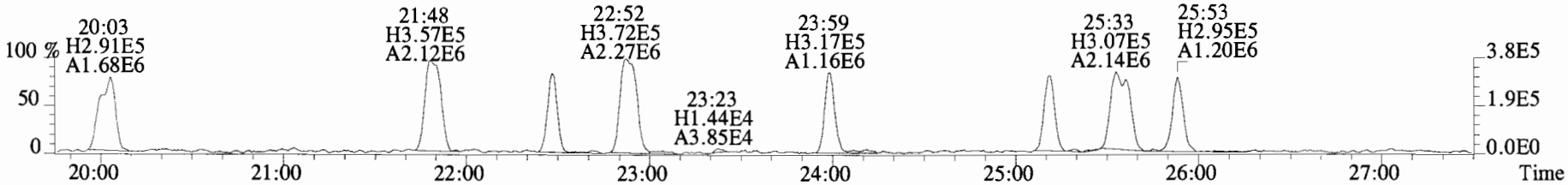
180.9880 S:2



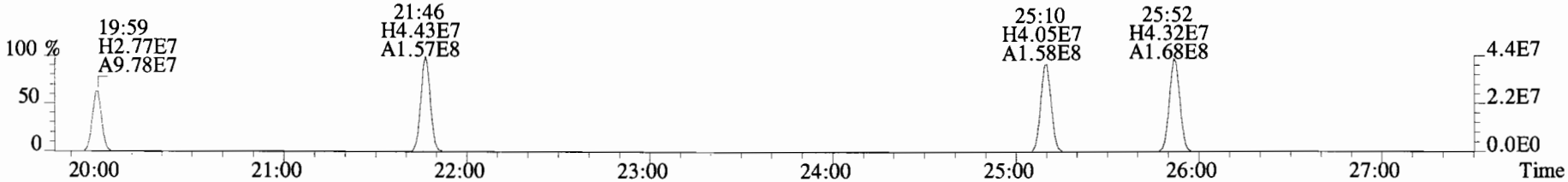
File:180208E1 #1-757 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
222.0003 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3252.0,0.00%,F,F)



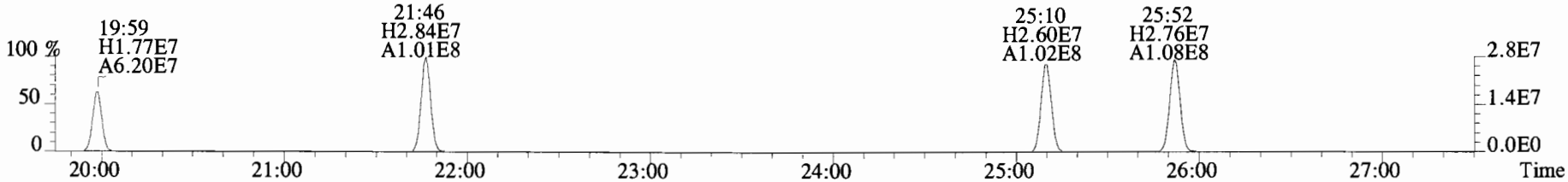
223.9974 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14612.0,0.00%,F,F)



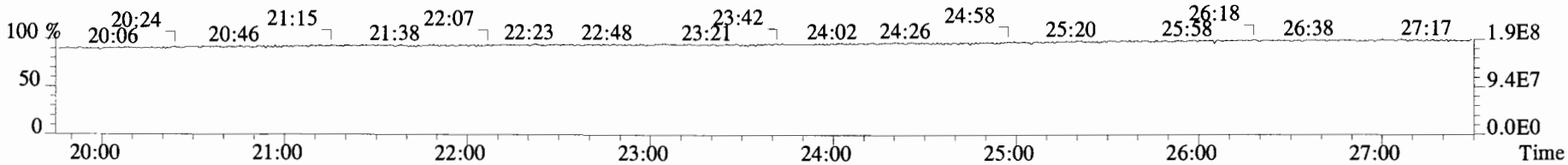
234.0406 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5004.0,0.00%,F,F)



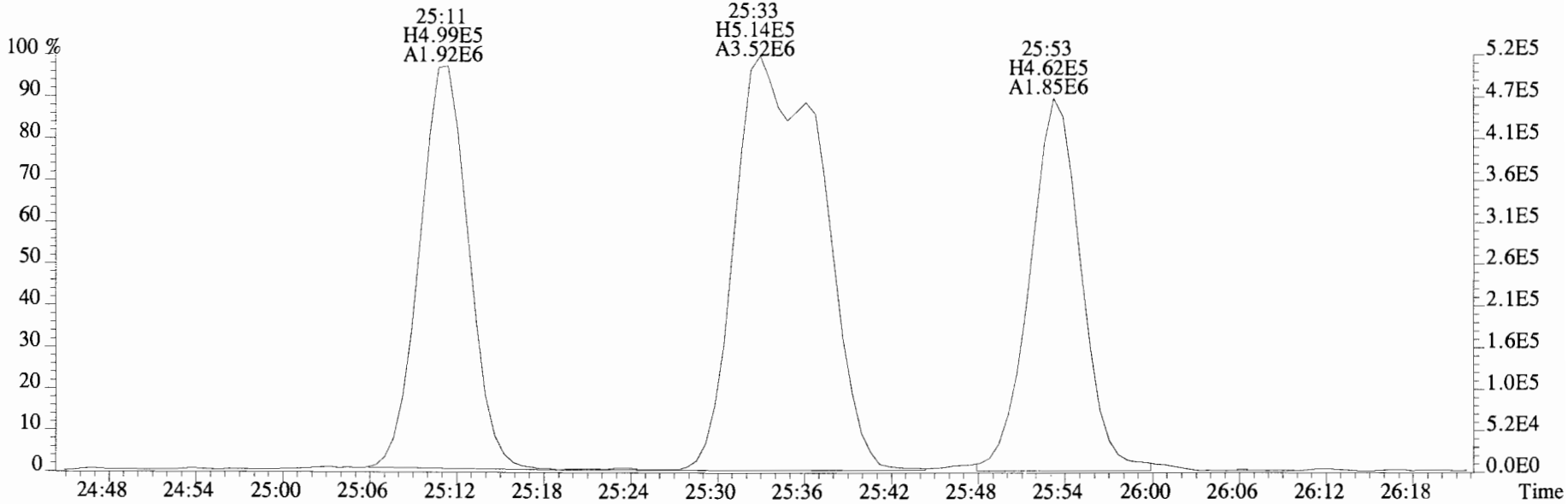
236.0376 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4752.0,0.00%,F,F)



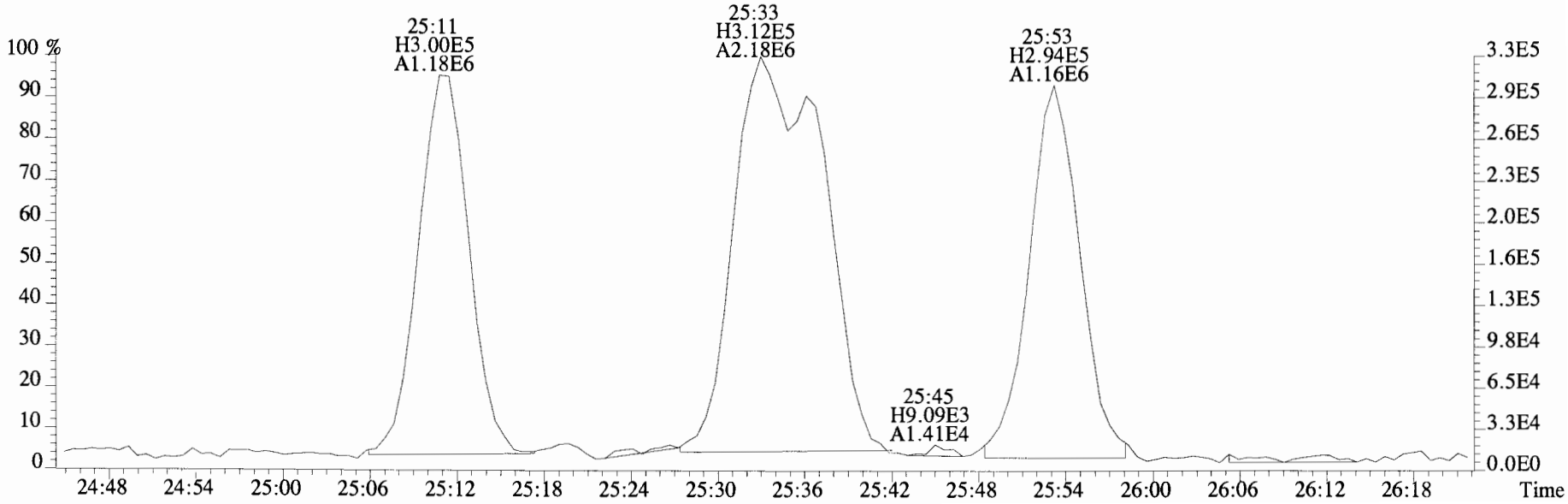
230.9856 S:2 F:2



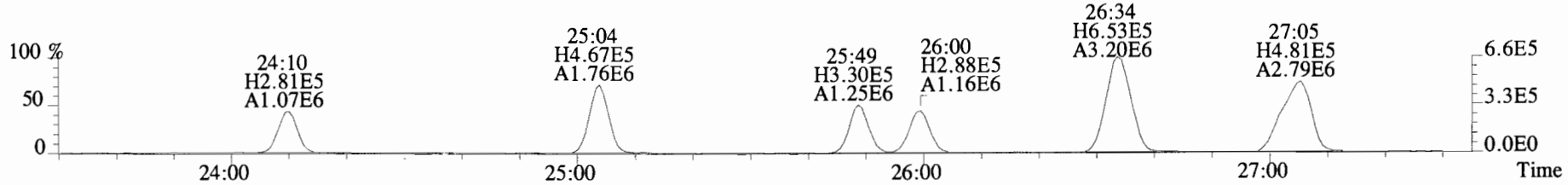
File:180208E1 #1-757 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
222.0003 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3252.0,0.00%,F,F)



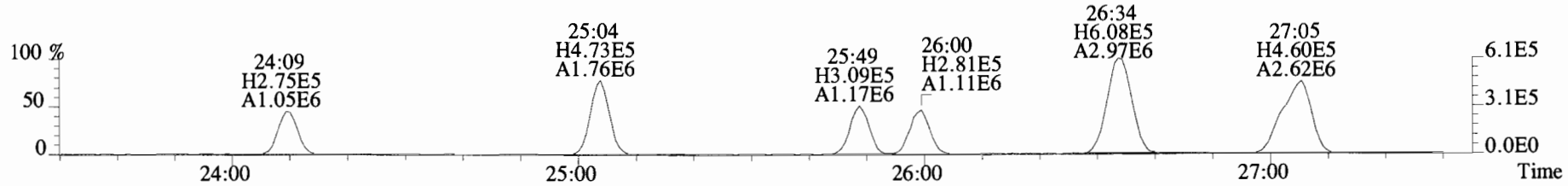
223.9974 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14612.0,0.00%,F,F)



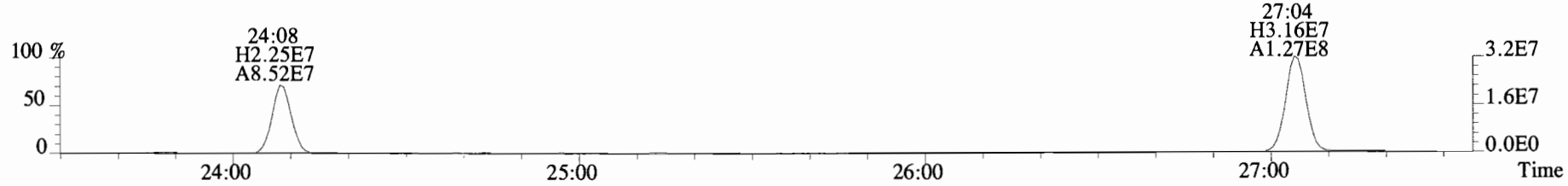
File:180208E1 #1-757 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
255.9613 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4452.0,0.00%,F,F)



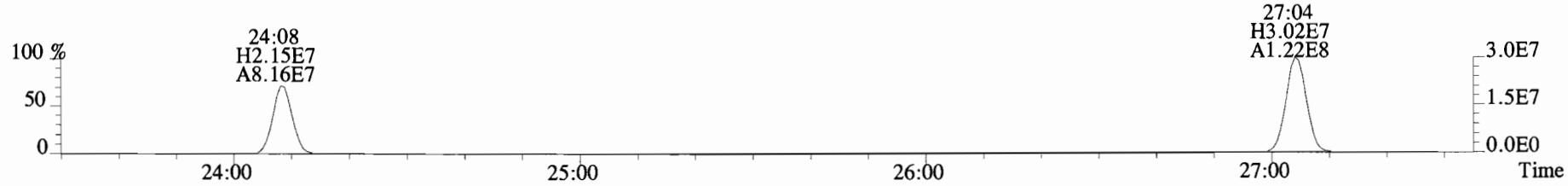
257.9584 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2916.0,0.00%,F,F)



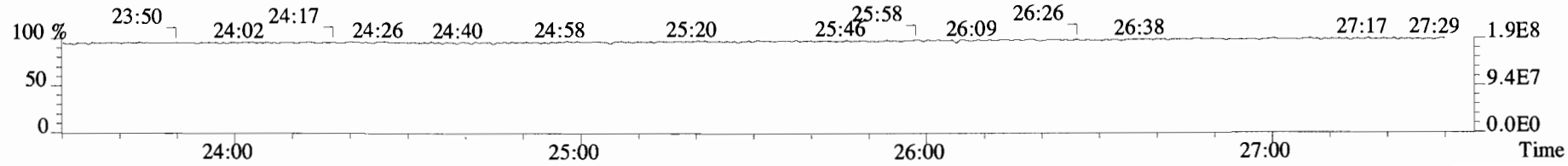
268.0016 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,87396.0,0.00%,F,F)



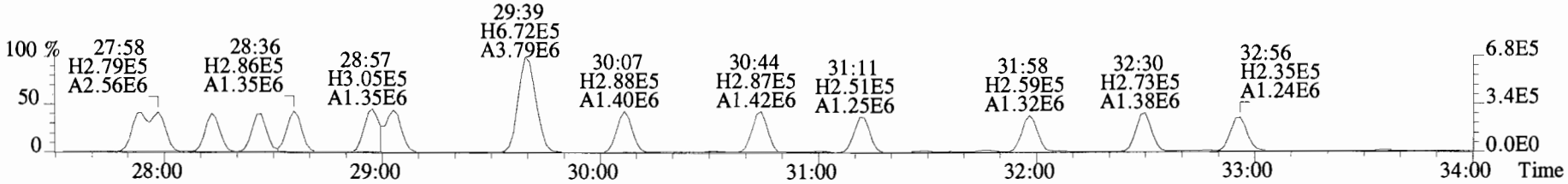
269.9986 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,40132.0,0.00%,F,F)



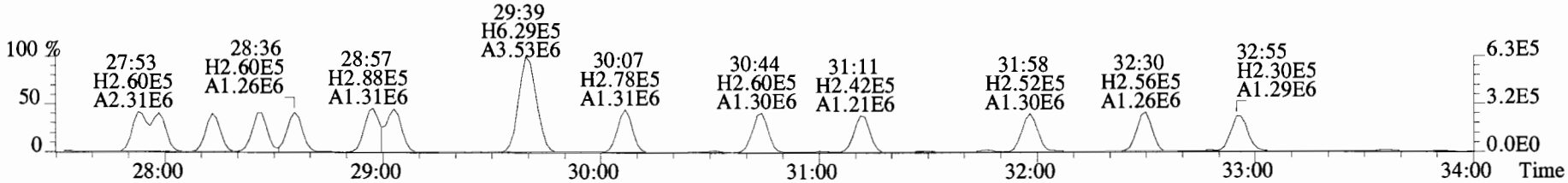
230.9856 S:2 F:2



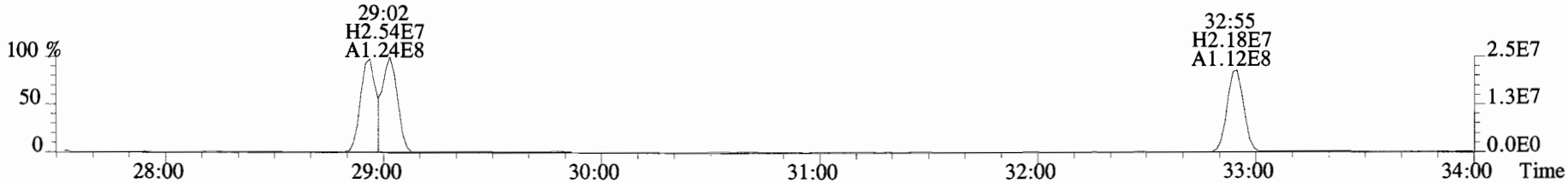
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
255.9613 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4016.0,0.00%,F,F)



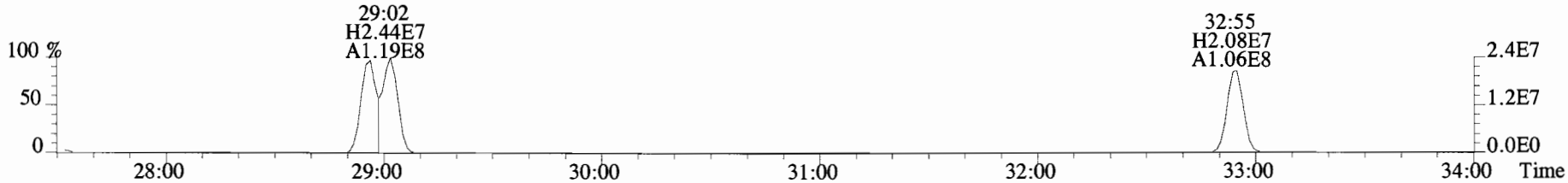
257.9584 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3072.0,0.00%,F,F)



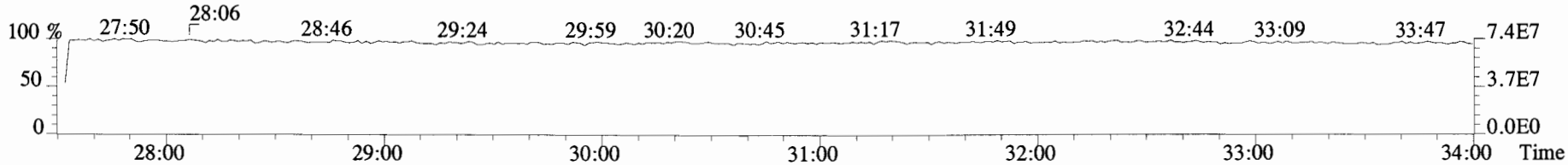
268.0016 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,94516.0,0.00%,F,F)



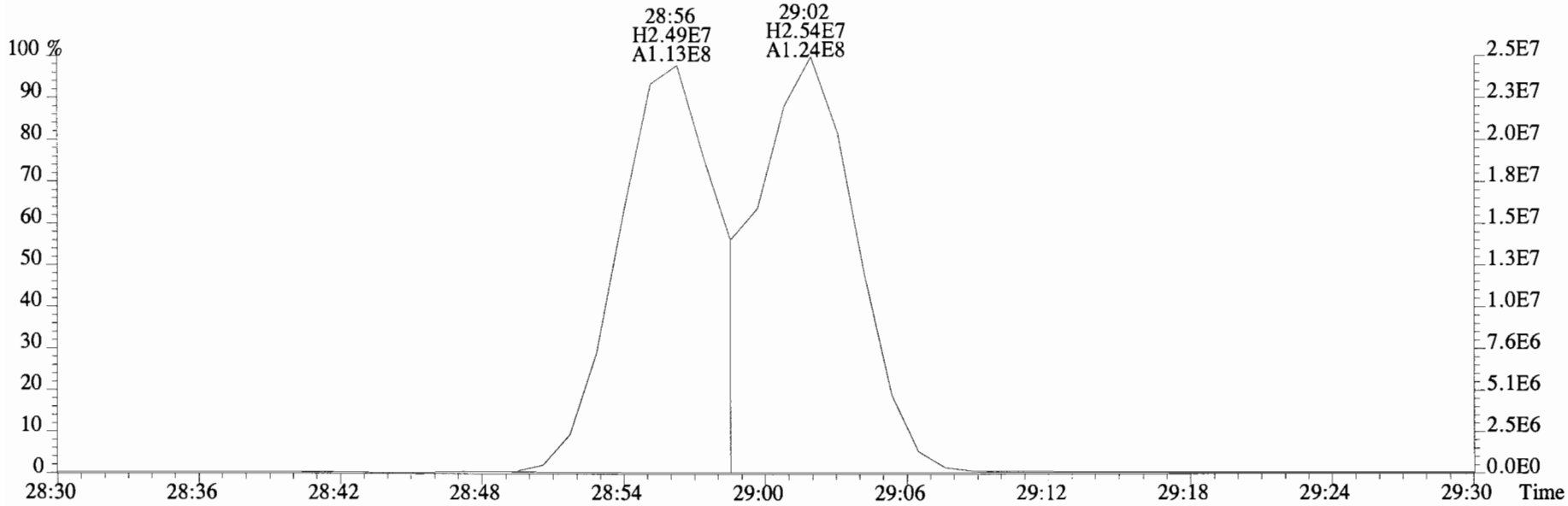
269.9986 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25944.0,0.00%,F,F)



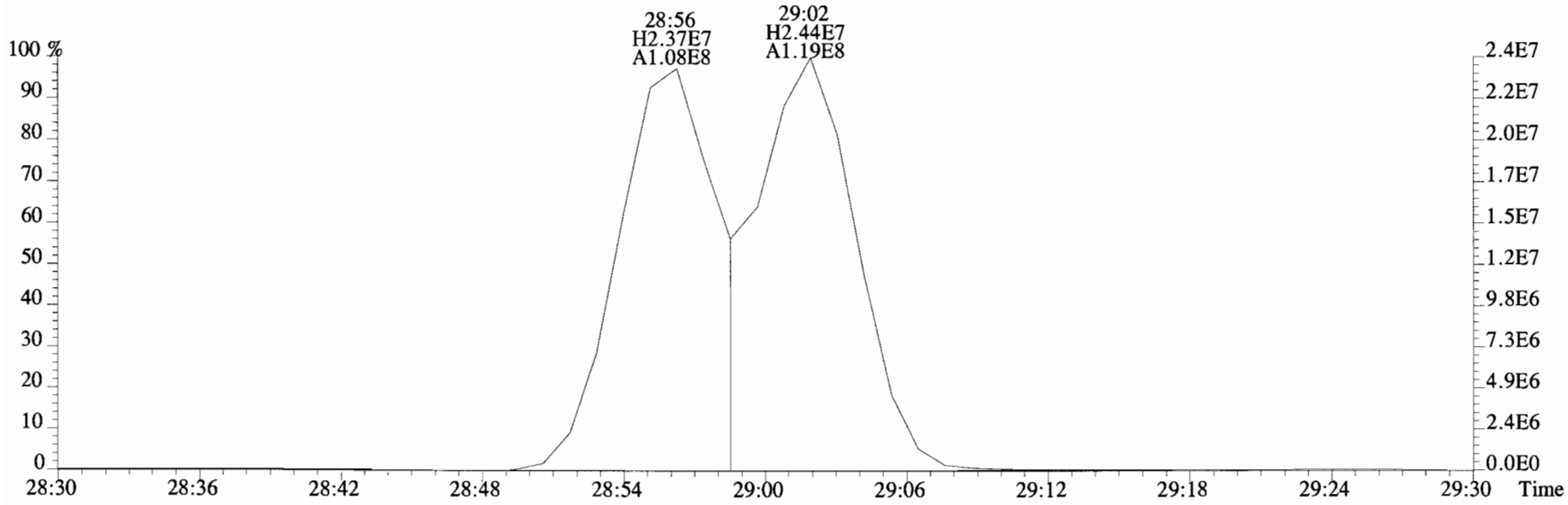
330.9792 S:2 F:3



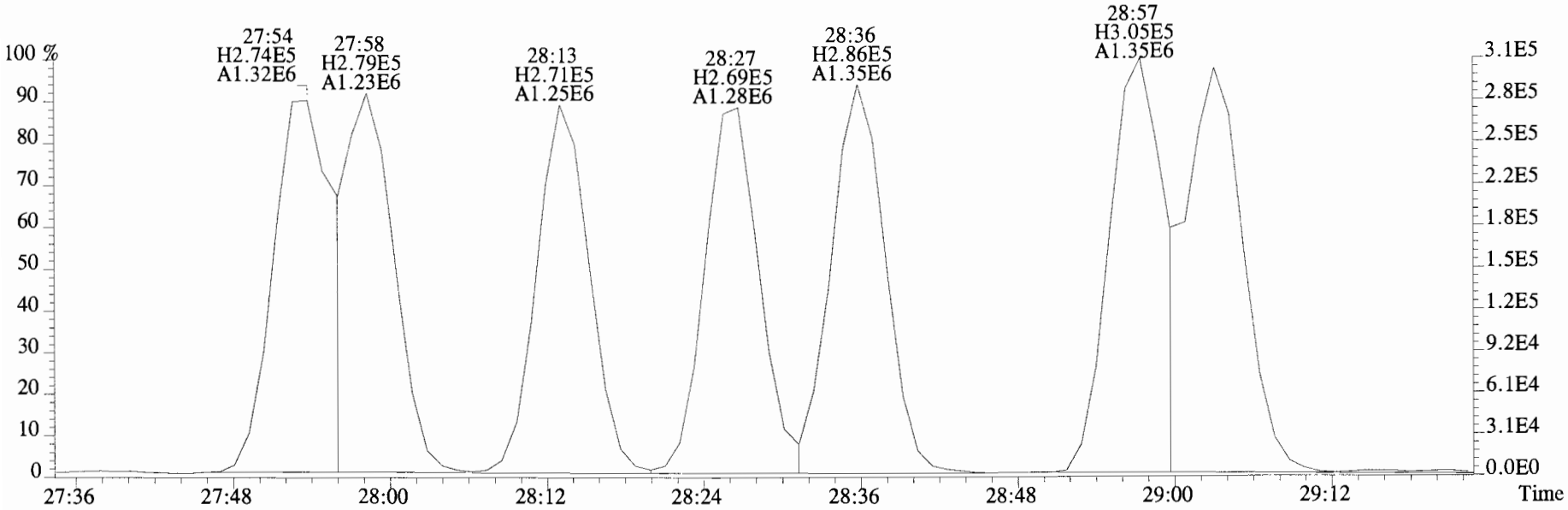
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
268.0016 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,94516.0,0.00%,F,F)



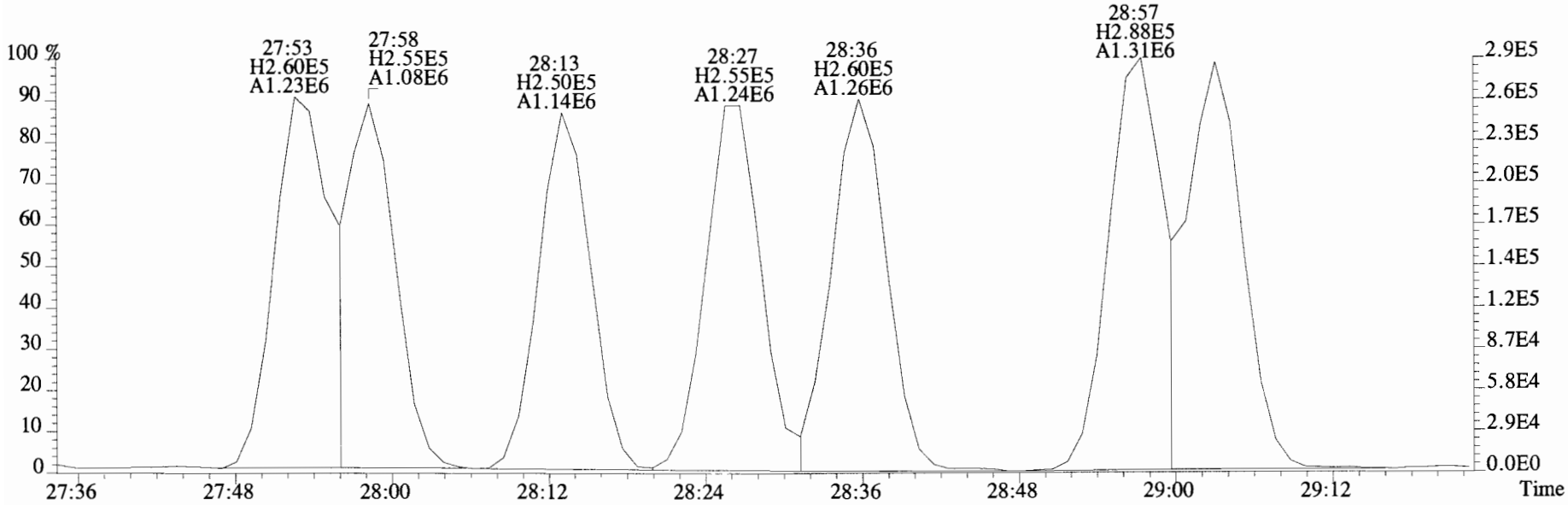
269.9986 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25944.0,0.00%,F,F)



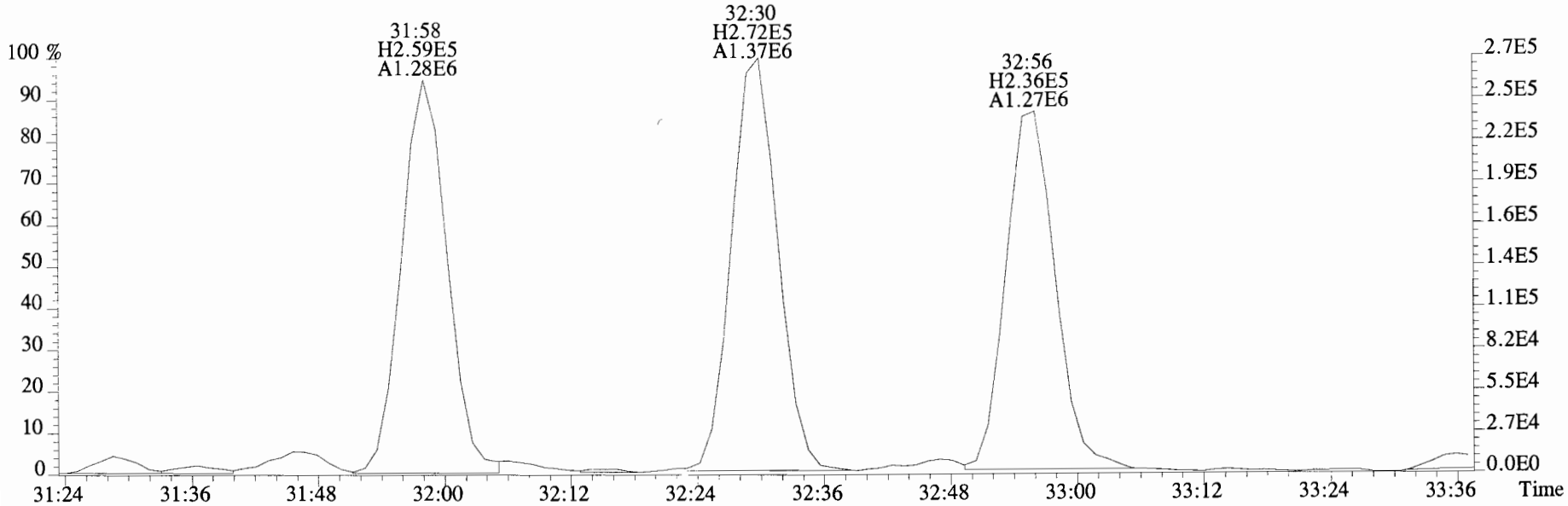
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
255.9613 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4016.0,0.00%,F,F)



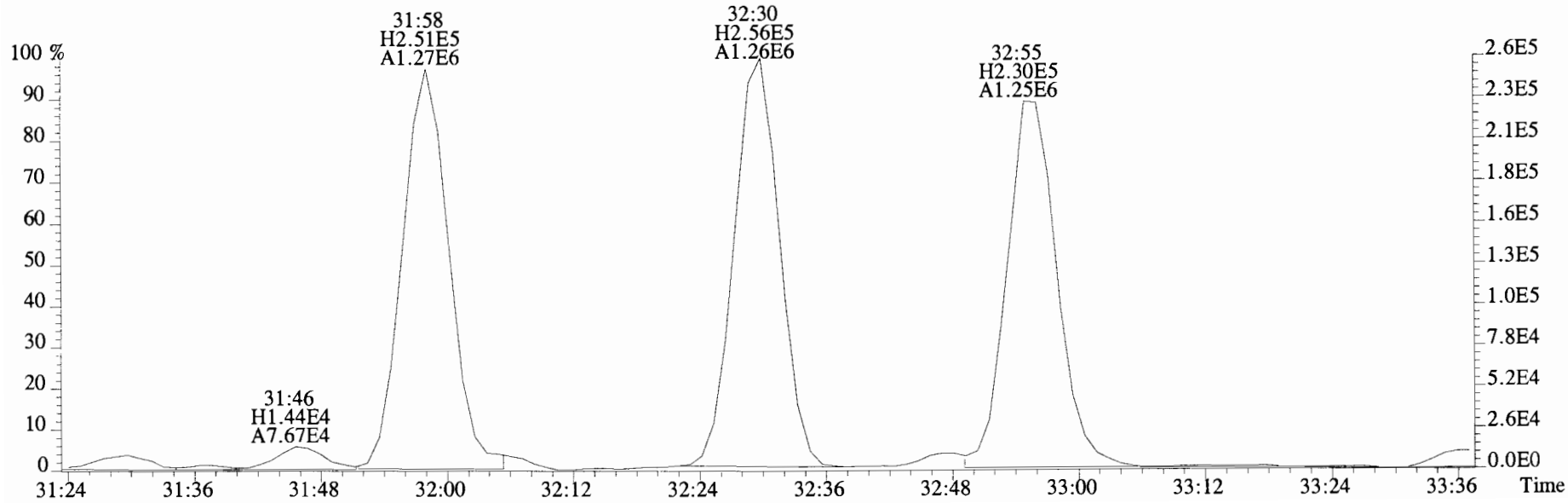
257.9584 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3072.0,0.00%,F,F)



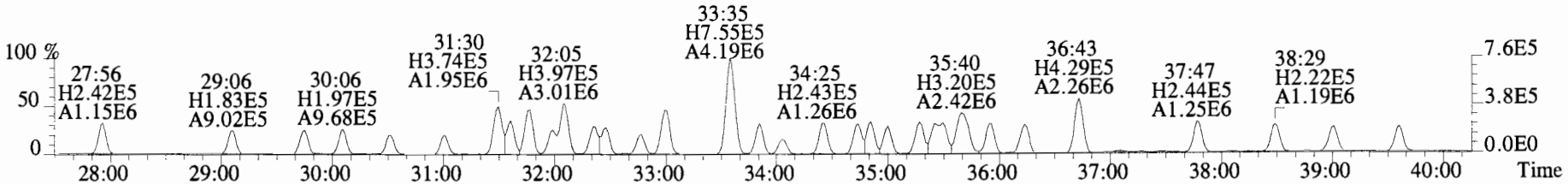
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
255.9613 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4016.0,0.00%,F,F)



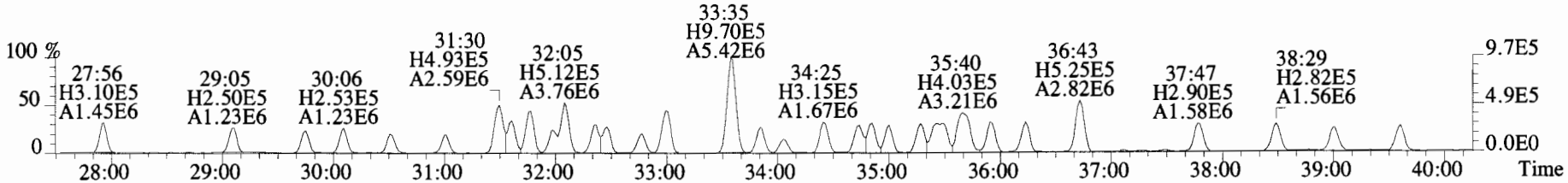
257.9584 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3072.0,0.00%,F,F)



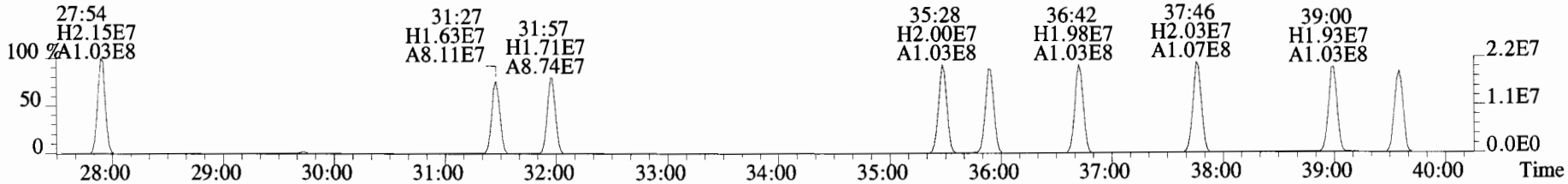
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3900.0,0.00%,F,F)



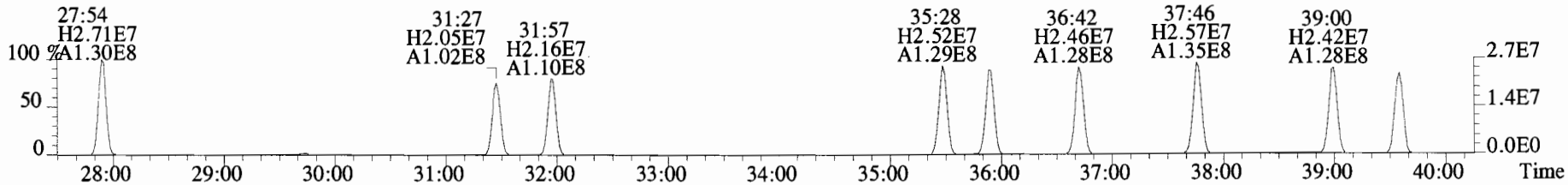
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4012.0,0.00%,F,F)



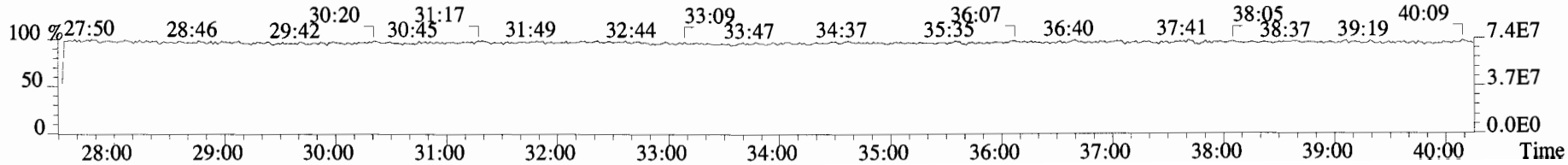
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35928.0,0.00%,F,F)



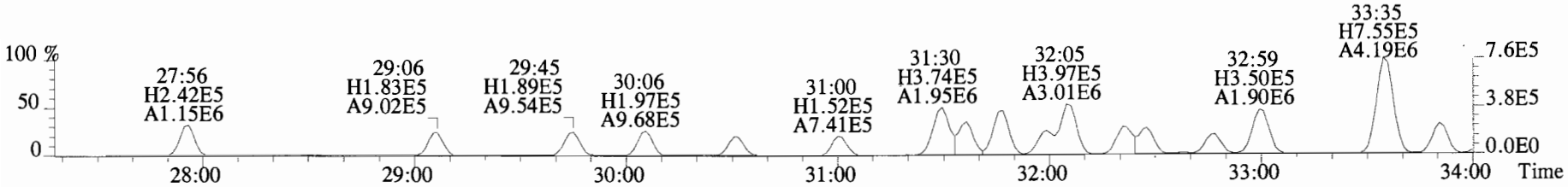
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22372.0,0.00%,F,F)



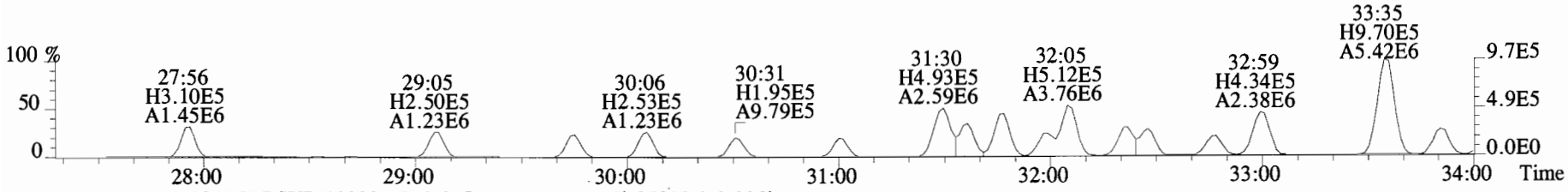
330.9792 S:2 F:3



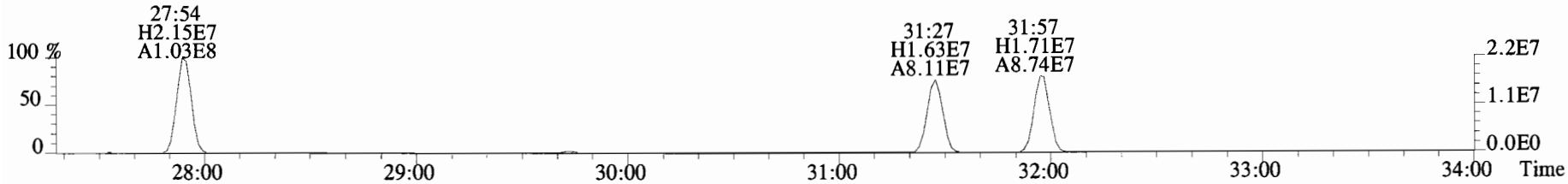
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3900.0,0.00%,F,F)



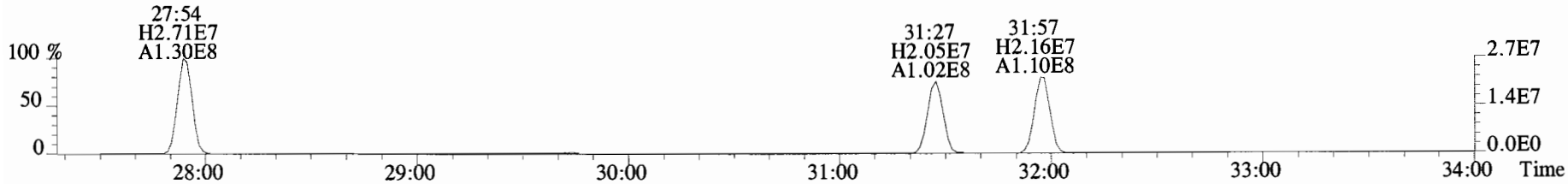
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4012.0,0.00%,F,F)



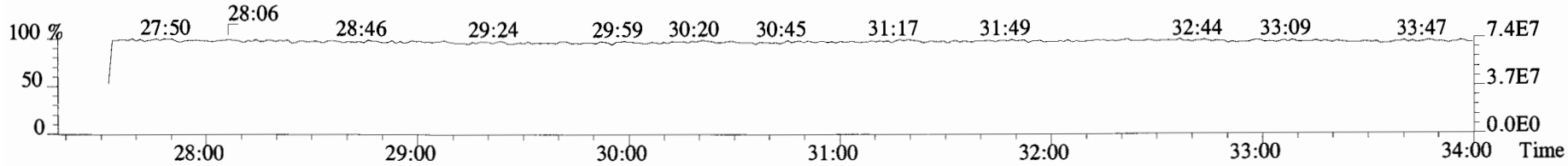
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35928.0,0.00%,F,F)



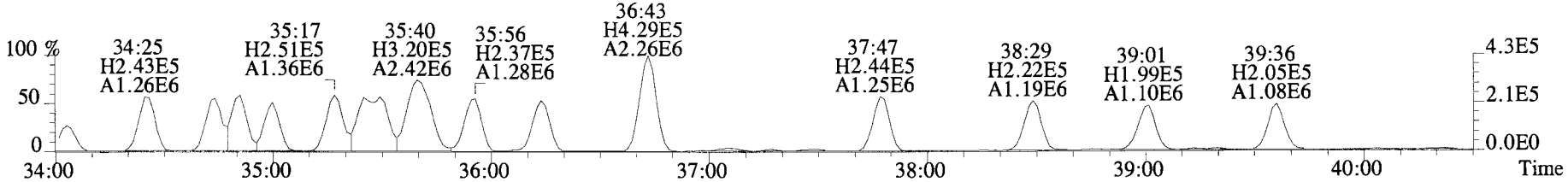
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22372.0,0.00%,F,F)



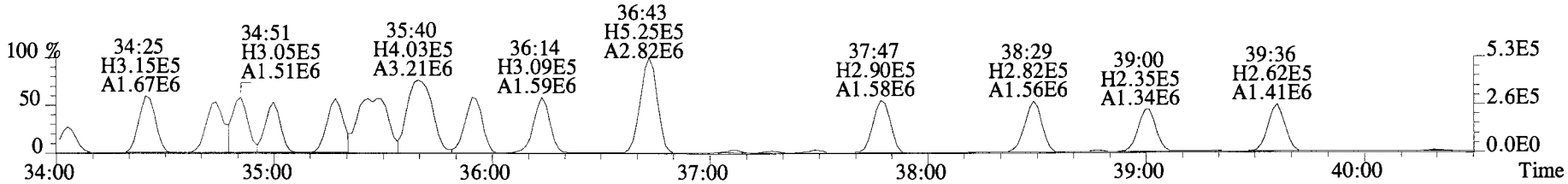
330.9792 S:2 F:3



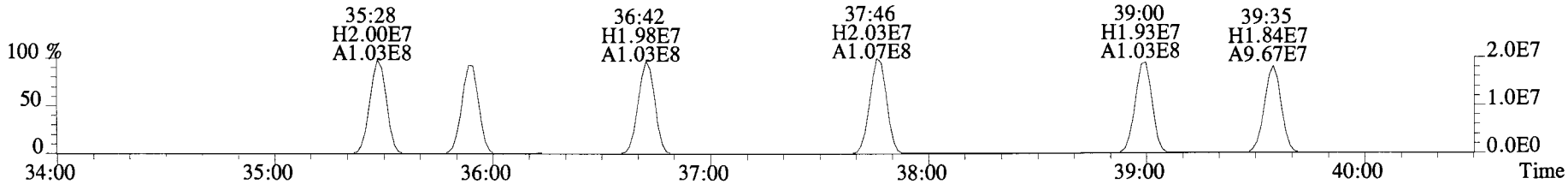
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3900.0,0.00%,F,F)



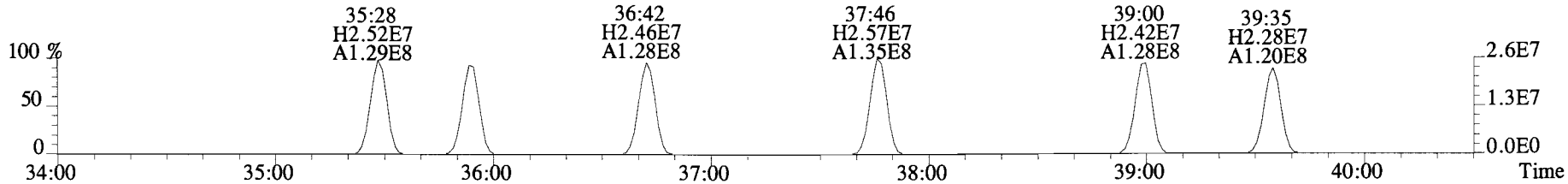
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4012.0,0.00%,F,F)



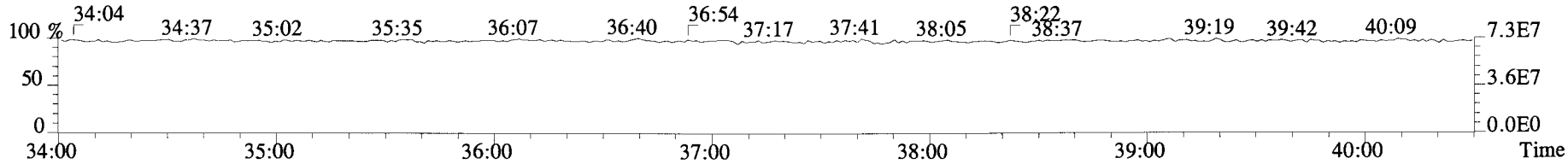
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35928.0,0.00%,F,F)



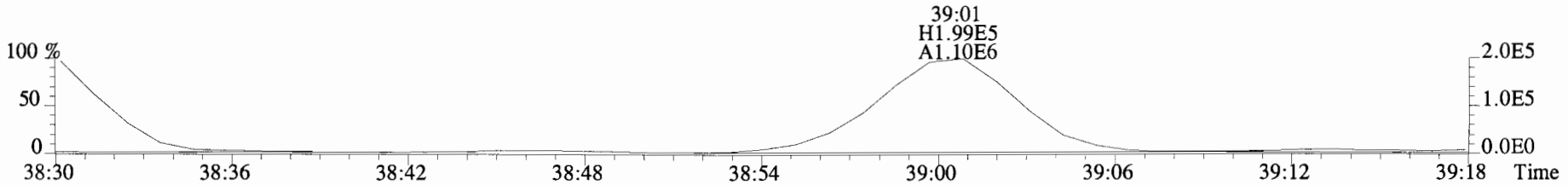
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22372.0,0.00%,F,F)



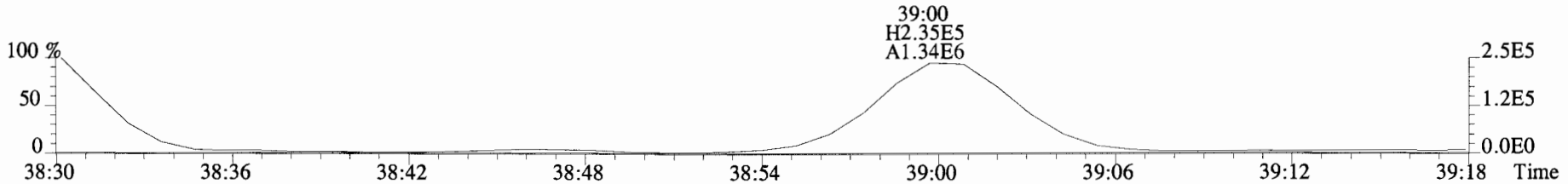
330.9792 S:2 F:3



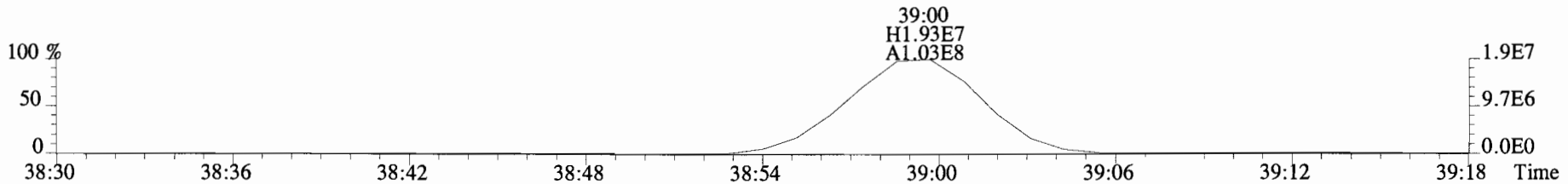
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3900.0,0.00%,F,F)



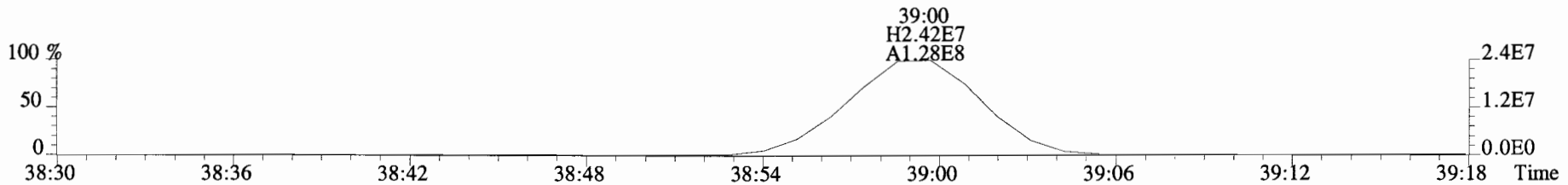
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4012.0,0.00%,F,F)



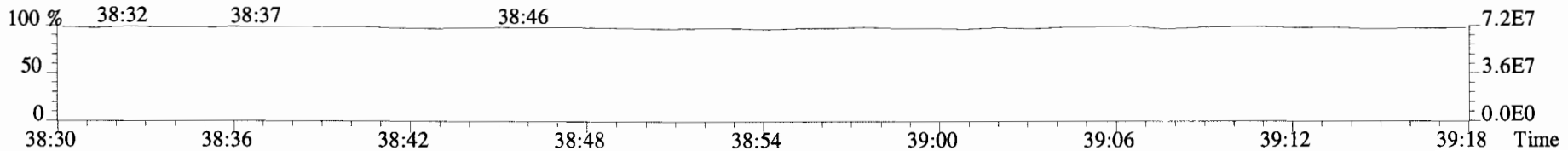
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35928.0,0.00%,F,F)



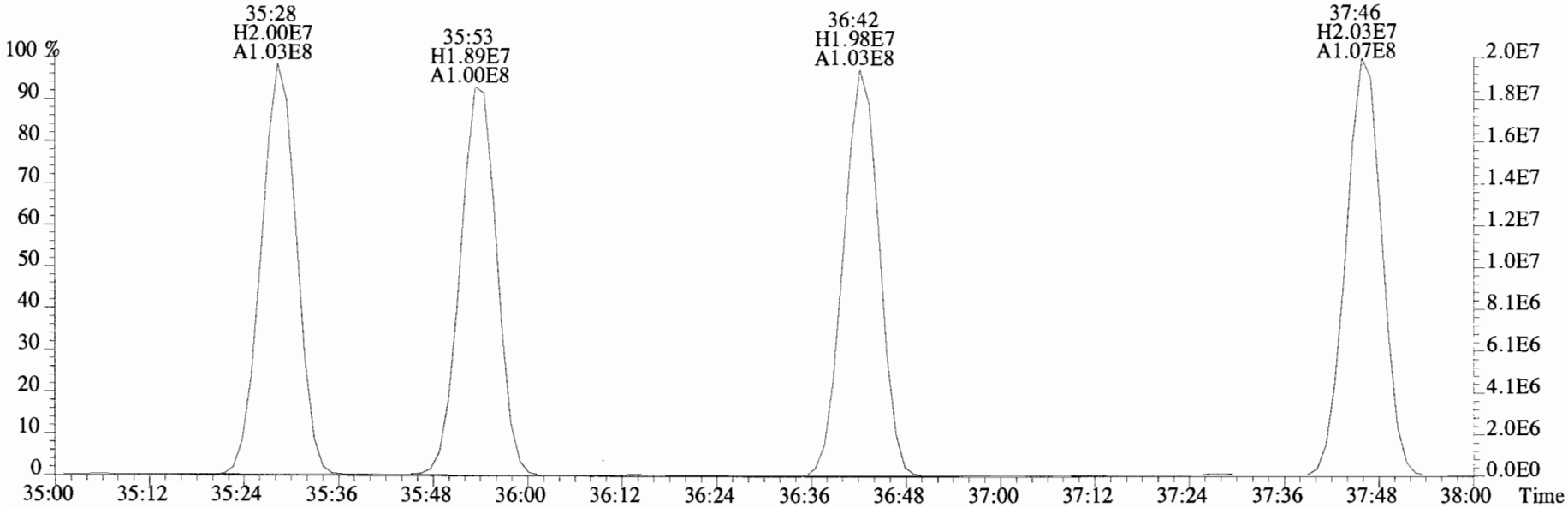
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22372.0,0.00%,F,F)



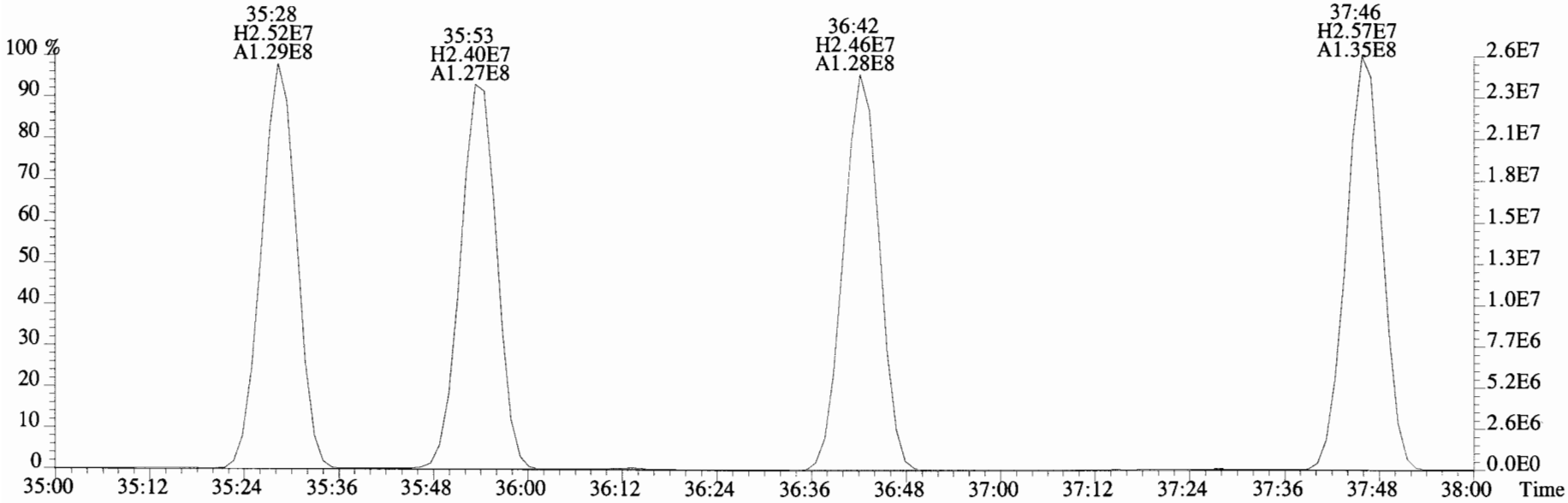
330.9792 S:2 F:3



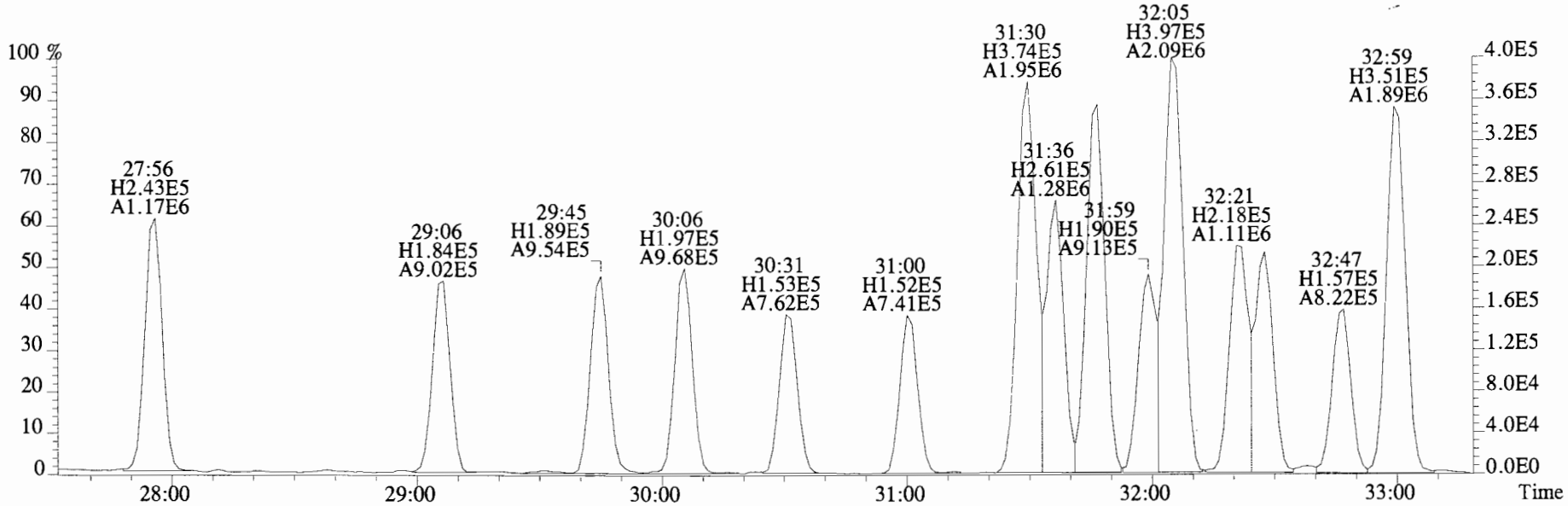
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35928.0,0.00%,F,F)



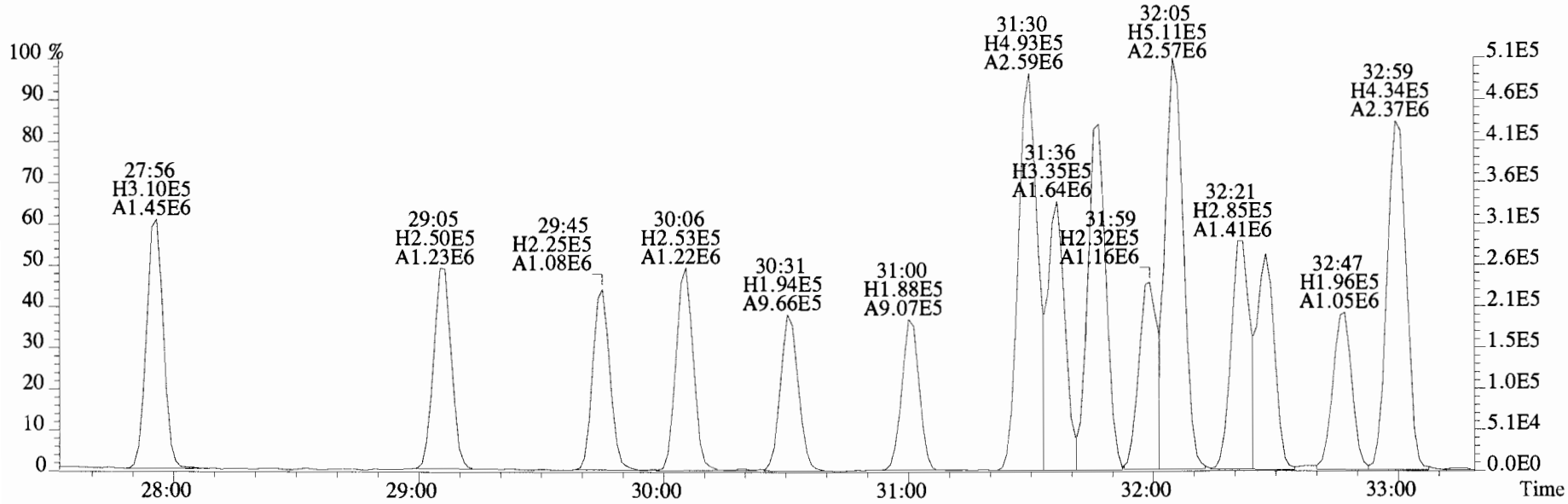
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22372.0,0.00%,F,F)



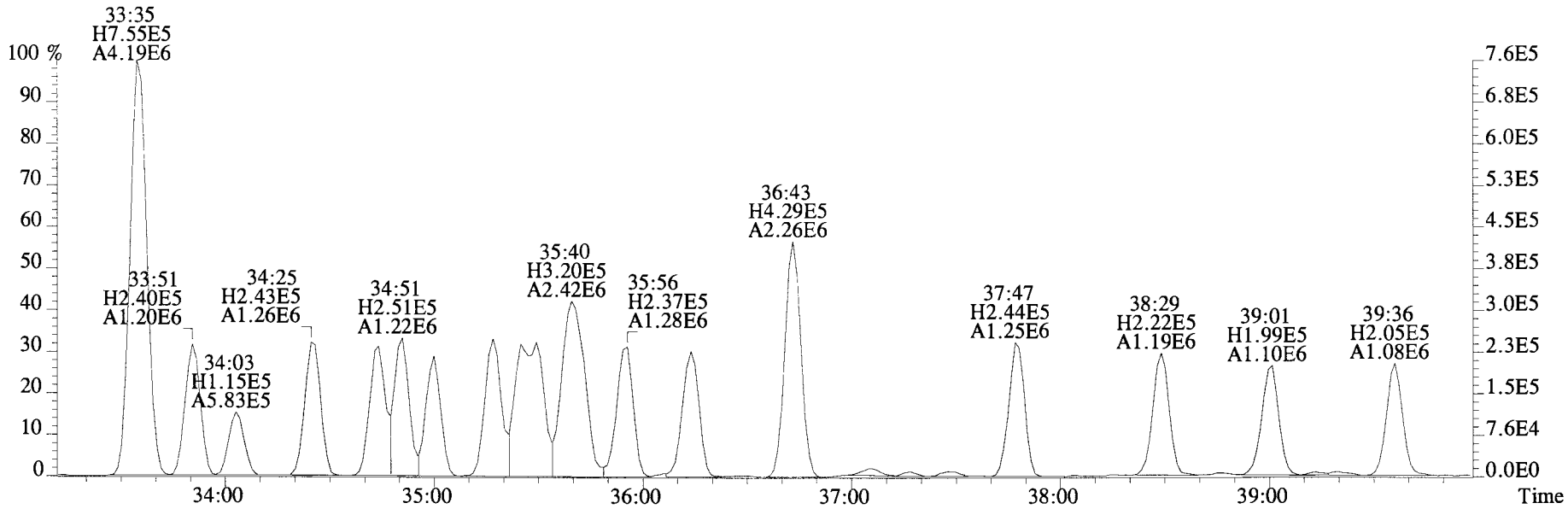
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3900.0,0.00%,F,F)



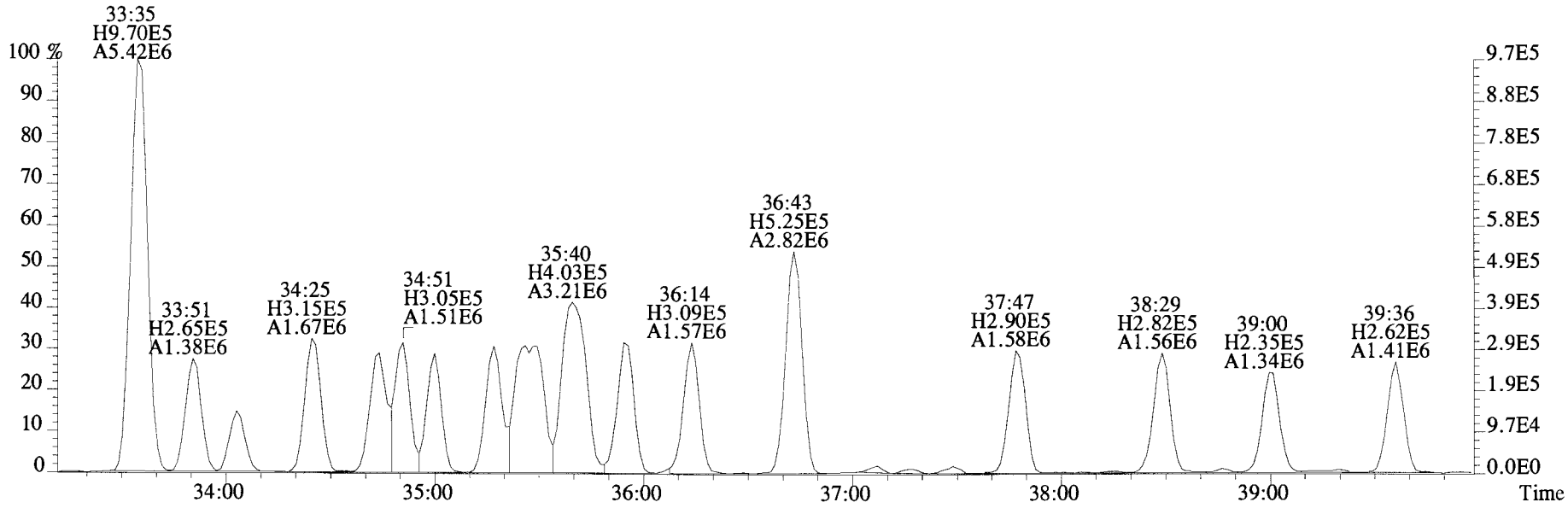
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4012.0,0.00%,F,F)



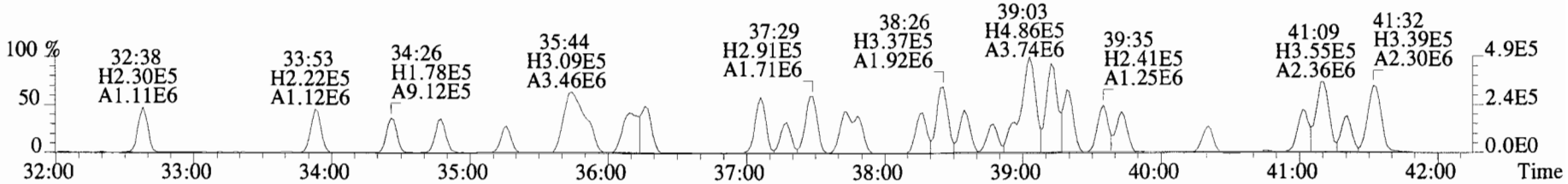
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3900.0,0.00%,F,F)



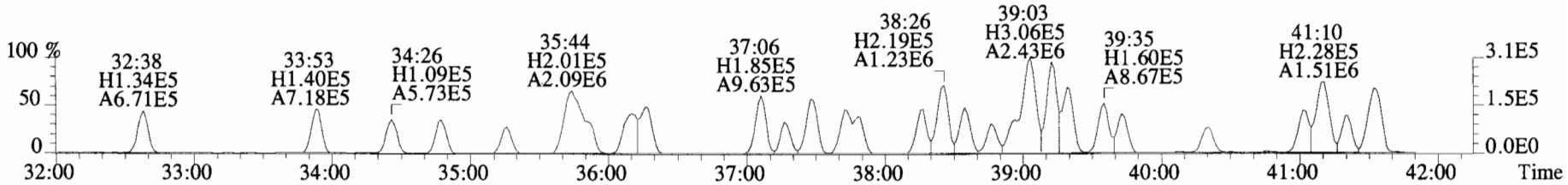
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4012.0,0.00%,F,F)



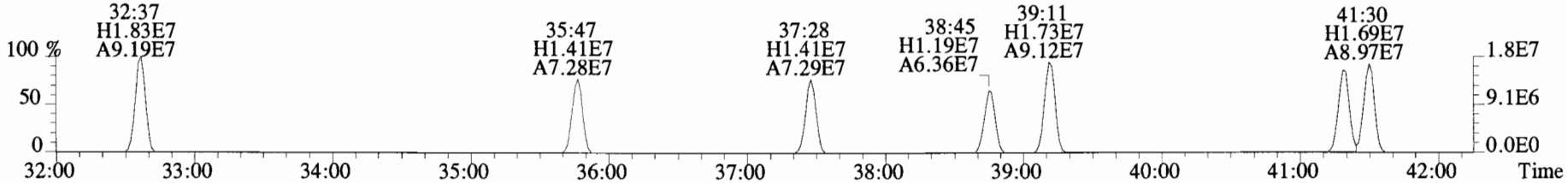
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2872.0,0.00%,F,F)



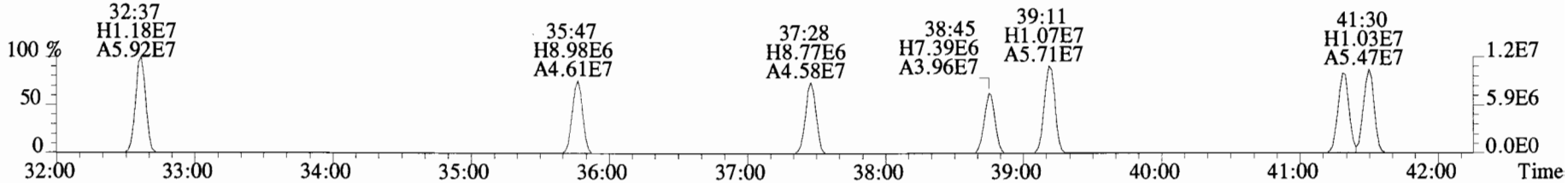
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2448.0,0.00%,F,F)



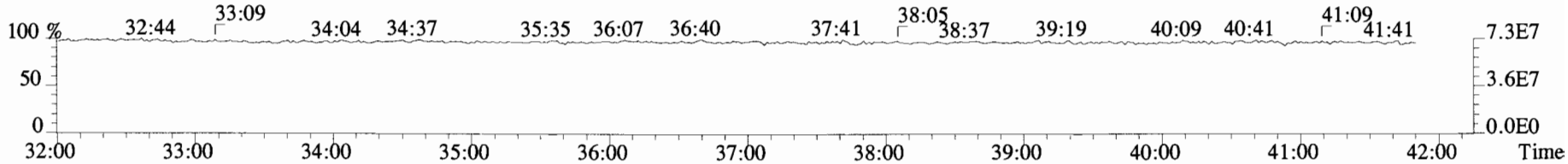
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6756.0,0.00%,F,F)



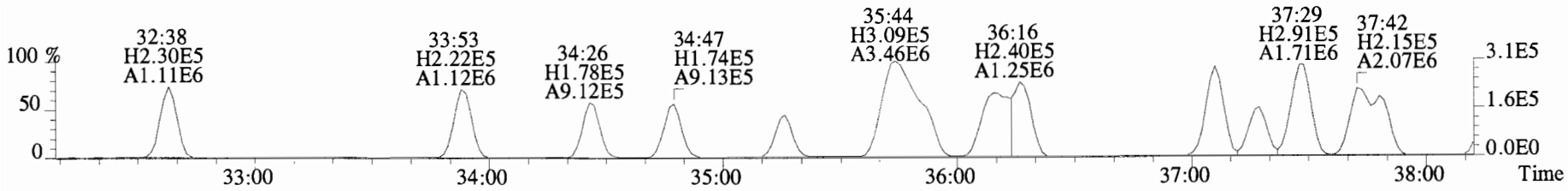
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3672.0,0.00%,F,F)



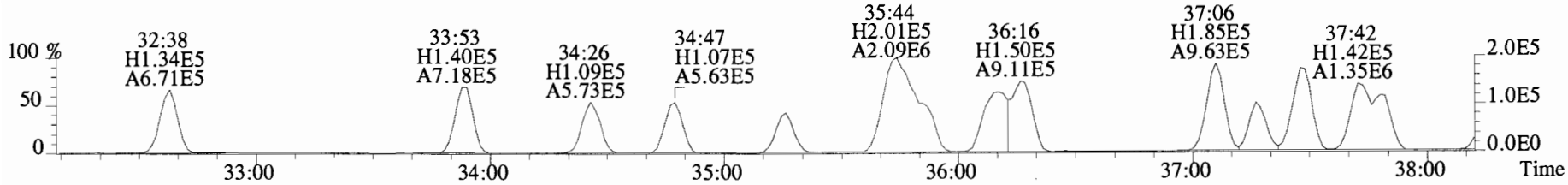
330.9792 S:2 F:3



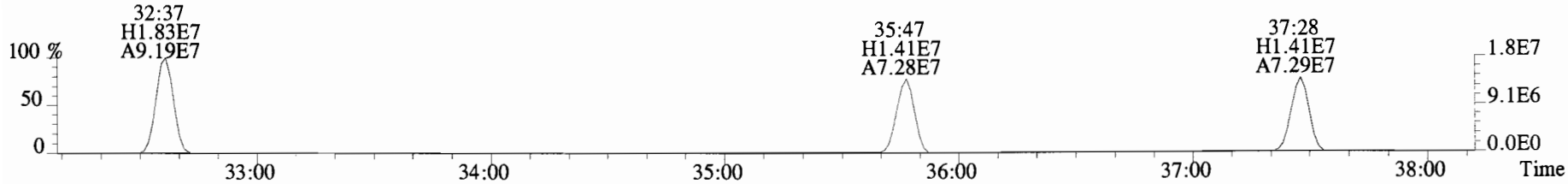
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2872.0,0.00%,F,F)



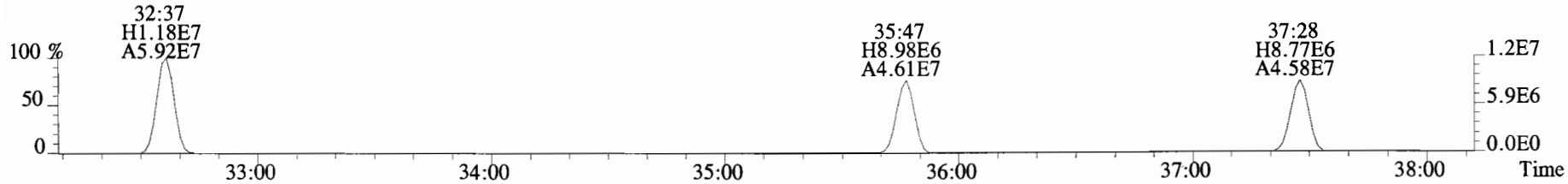
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2448.0,0.00%,F,F)



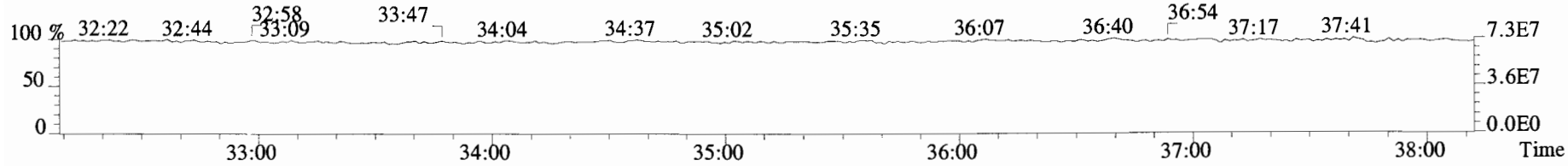
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6756.0,0.00%,F,F)



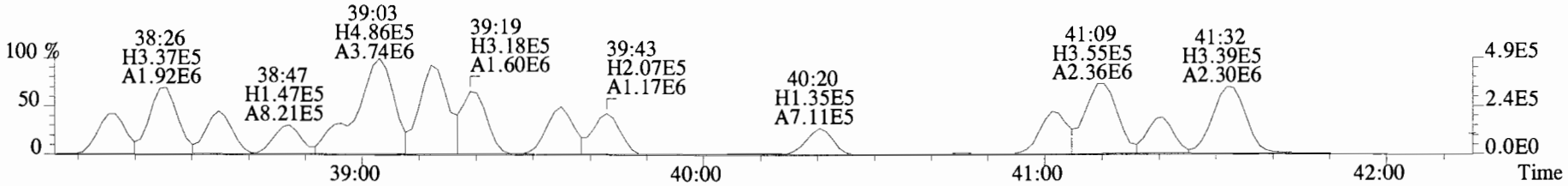
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3672.0,0.00%,F,F)



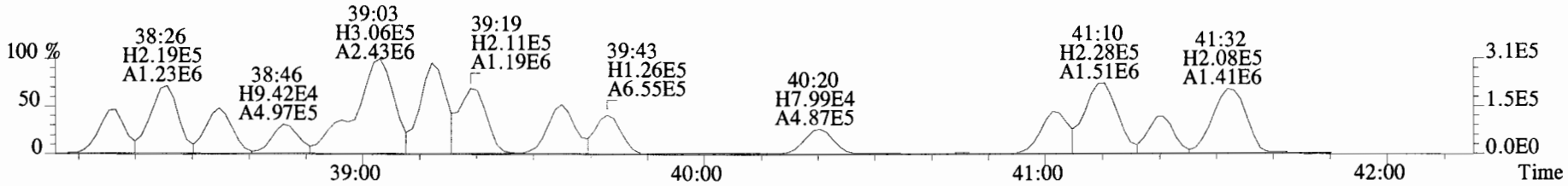
330.9792 S:2 F:3



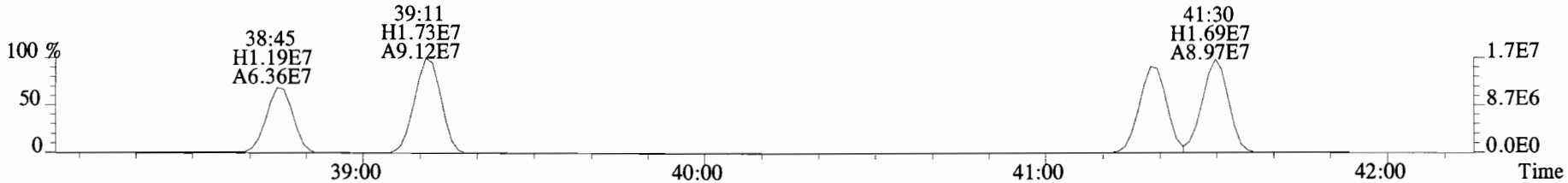
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2872.0,0.00%,F,F)



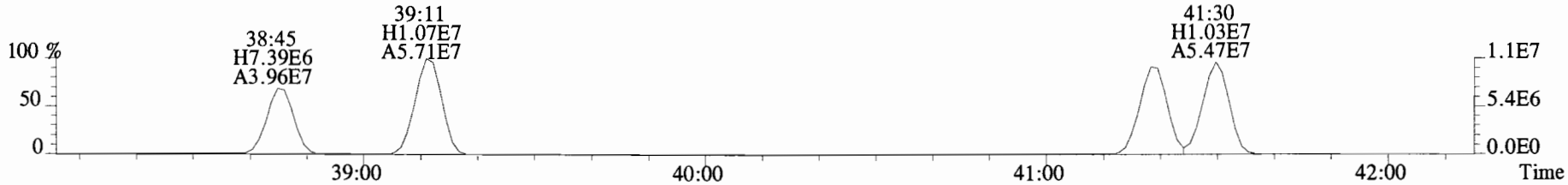
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2448.0,0.00%,F,F)



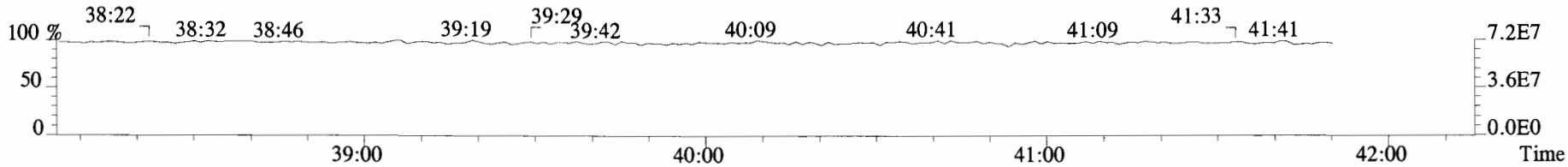
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6756.0,0.00%,F,F)



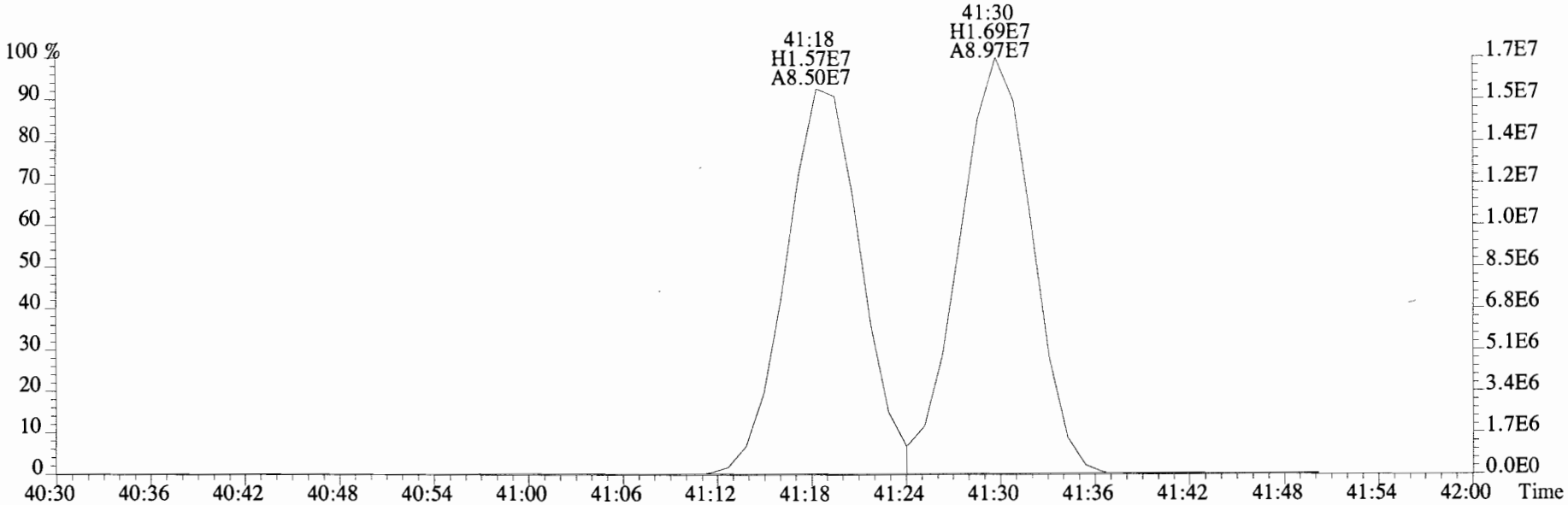
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3672.0,0.00%,F,F)



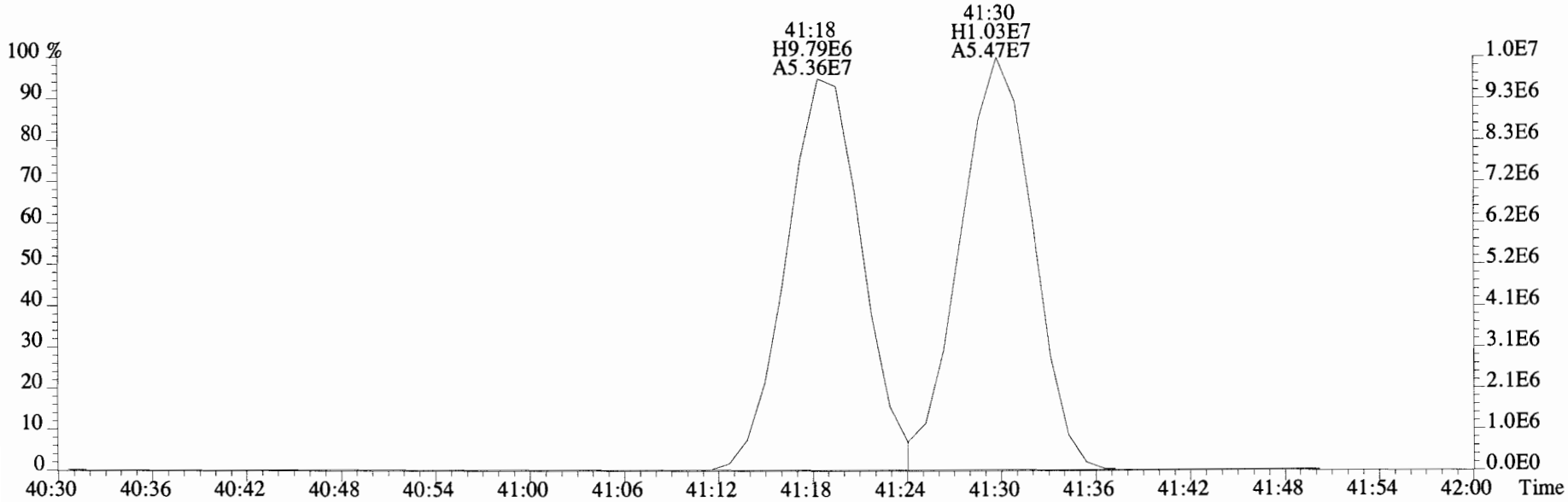
330.9792 S:2 F:3



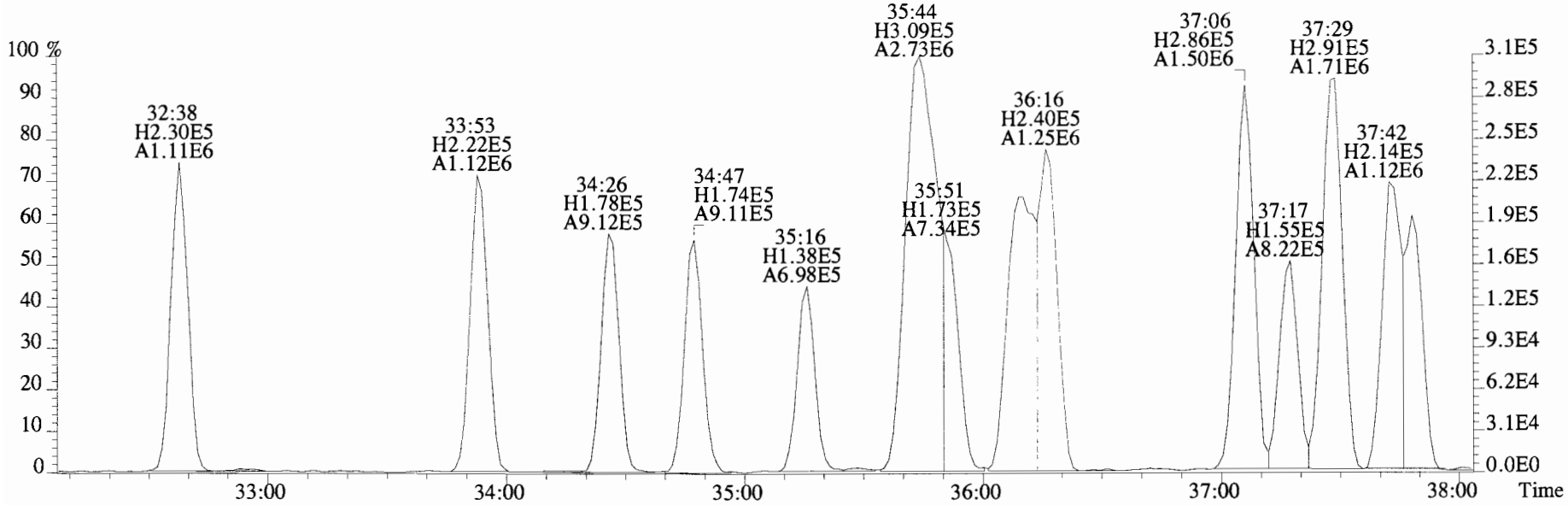
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6756.0,0.00%,F,F)



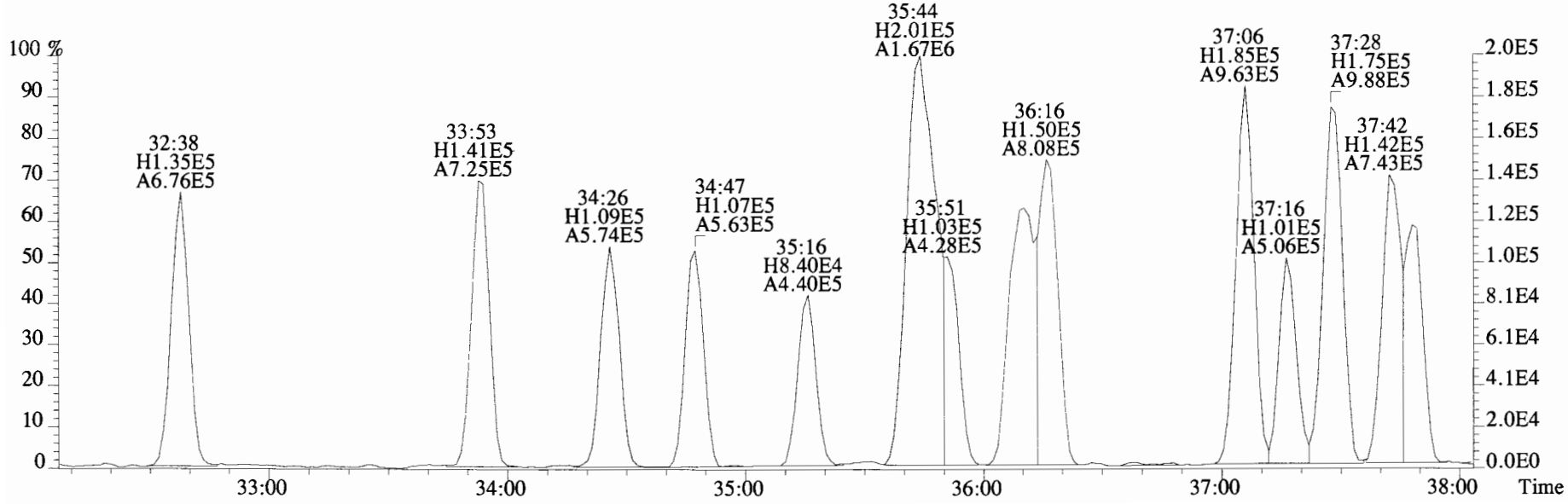
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3672.0,0.00%,F,F)



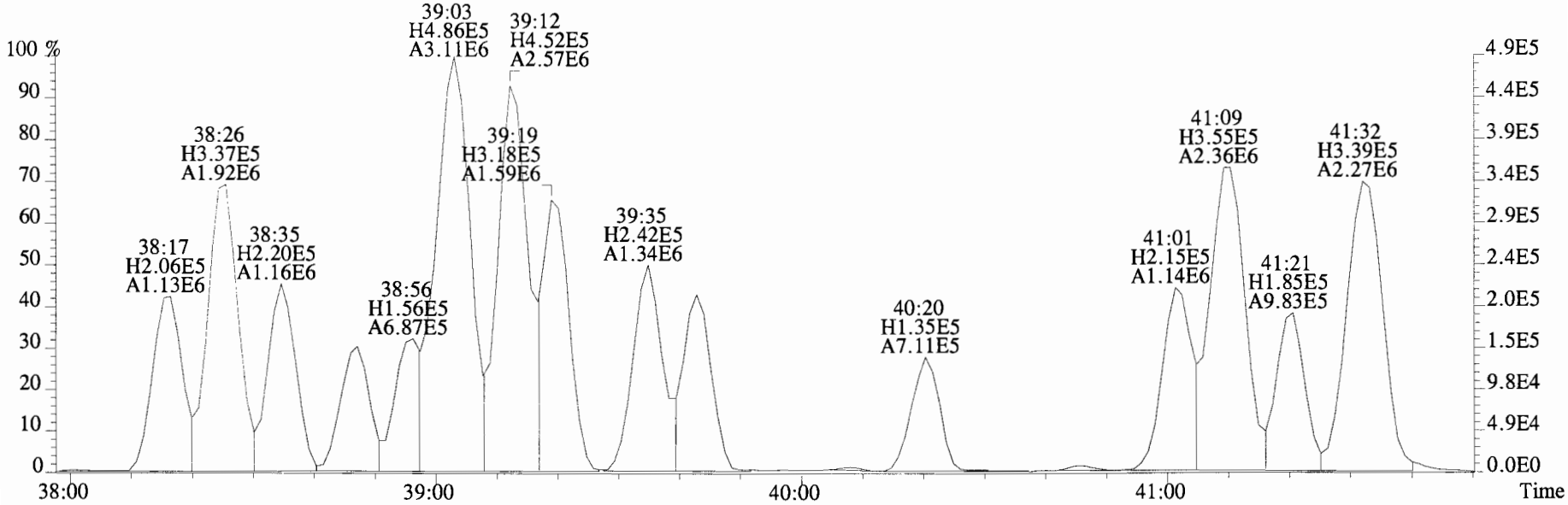
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2872.0,0.00%,F,F)



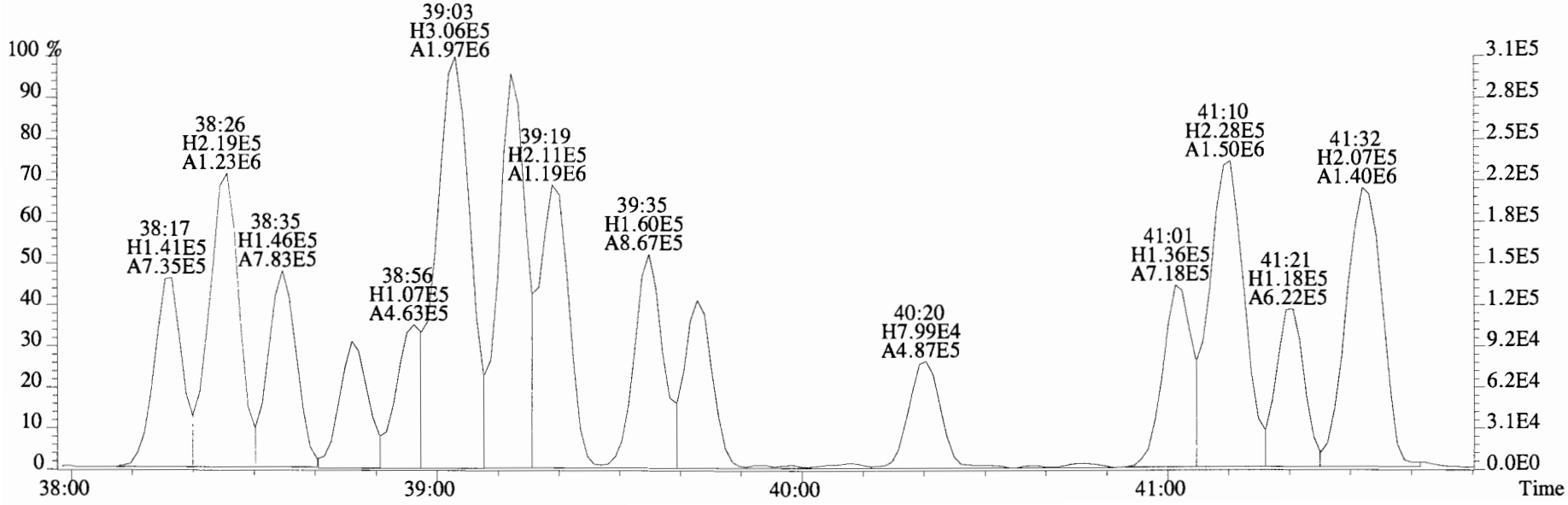
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2448.0,0.00%,F,F)



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)

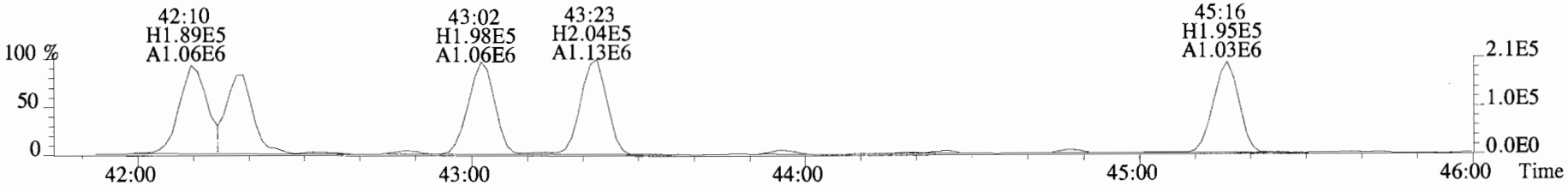


327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2448.0,0.00%,F,F)

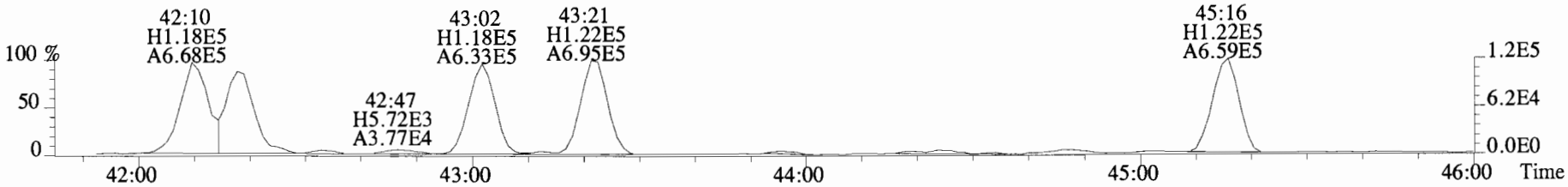


File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1

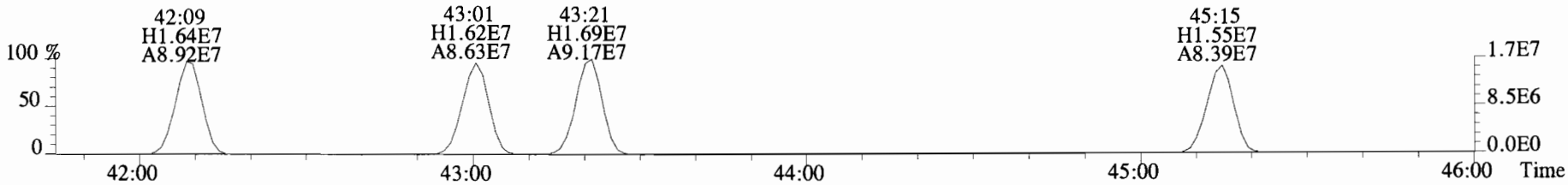
325.8804 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2660.0,0.00%,F,F)



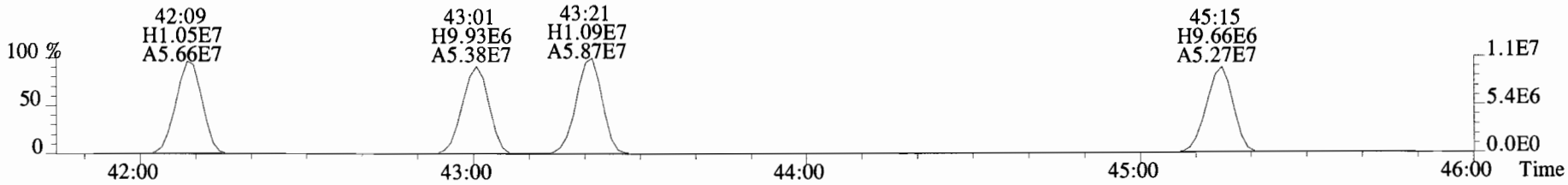
327.8775 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2516.0,0.00%,F,F)



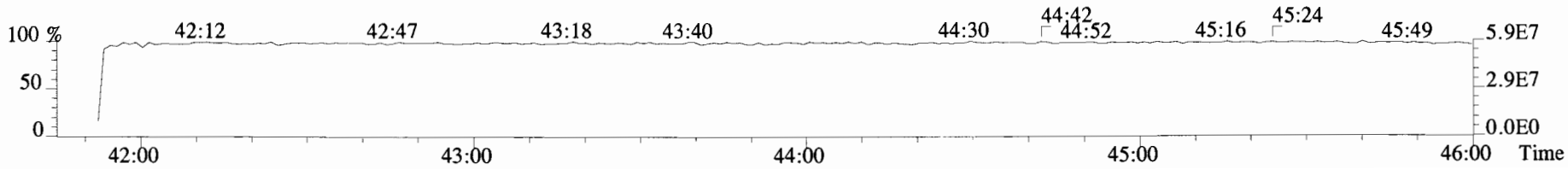
337.9207 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7880.0,0.00%,F,F)



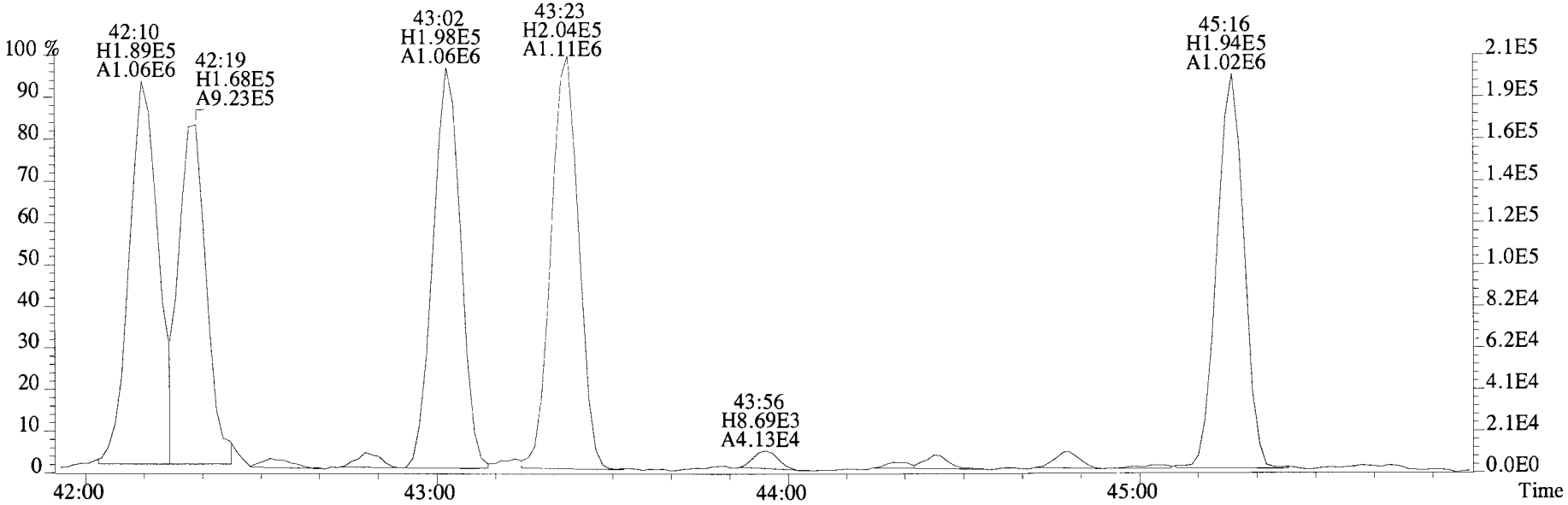
339.9177 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7156.0,0.00%,F,F)



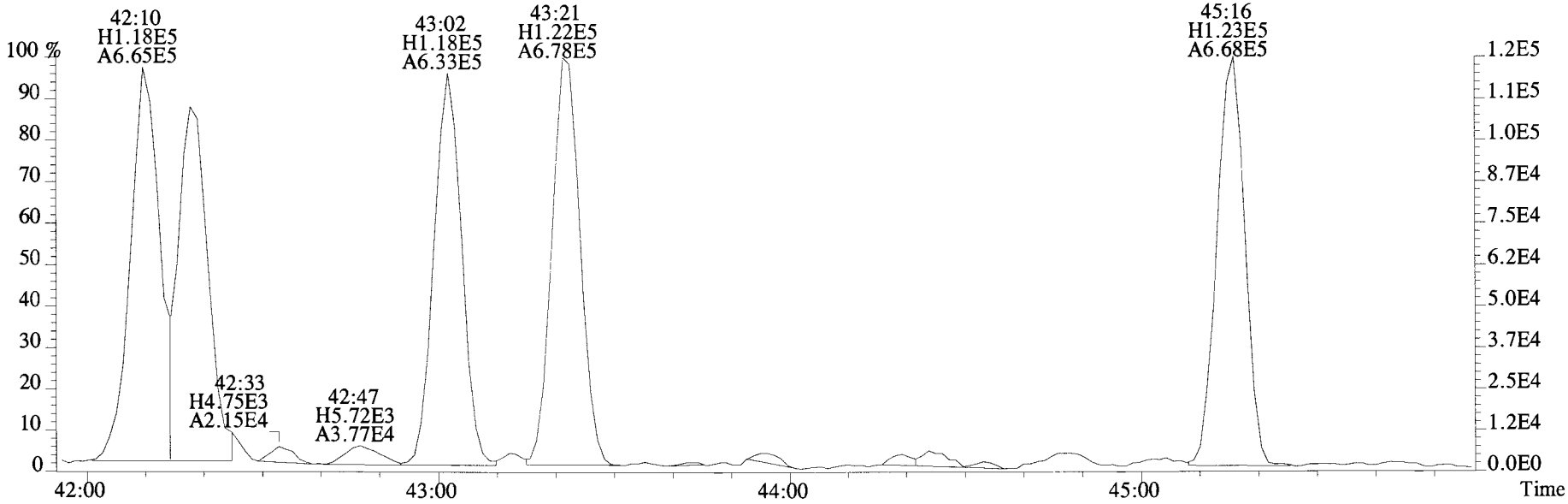
380.9760 S:2 F:4



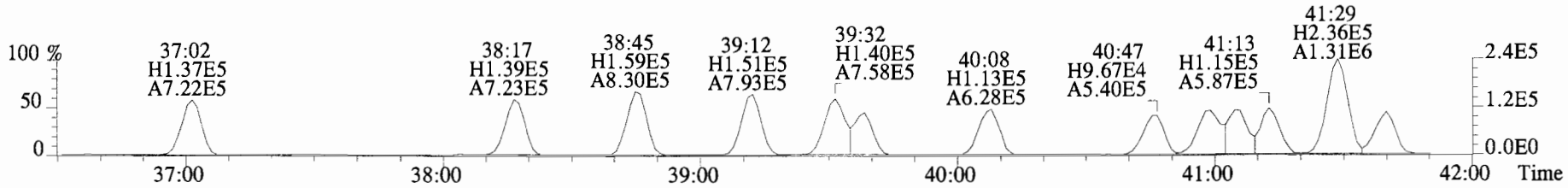
File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
325.8804 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2660.0,0.00%,F,F)



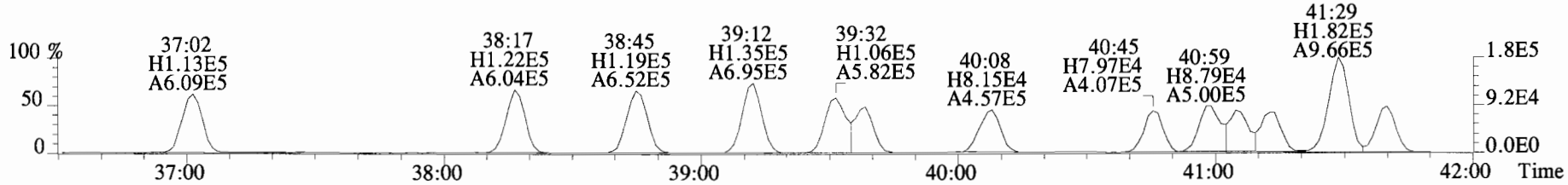
327.8775 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2516.0,0.00%,F,F)



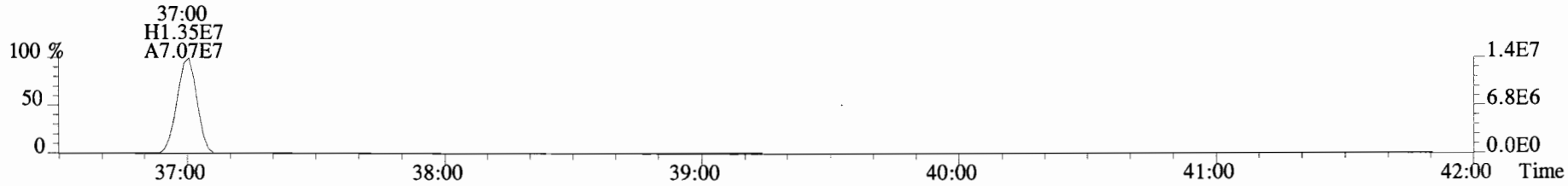
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UitimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
359.8415 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2340.0,0.00%,F,F)



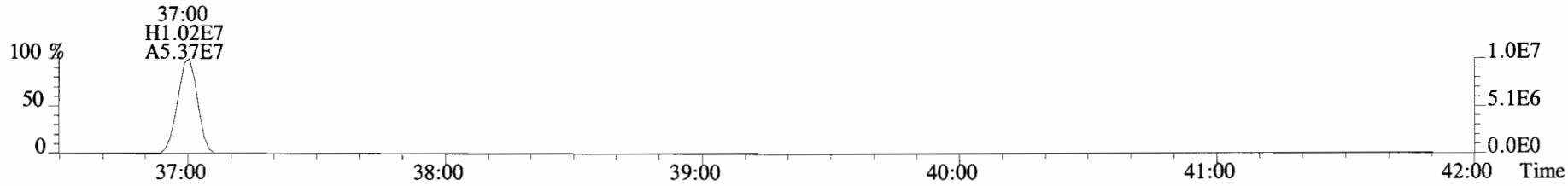
361.8385 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2648.0,0.00%,F,F)



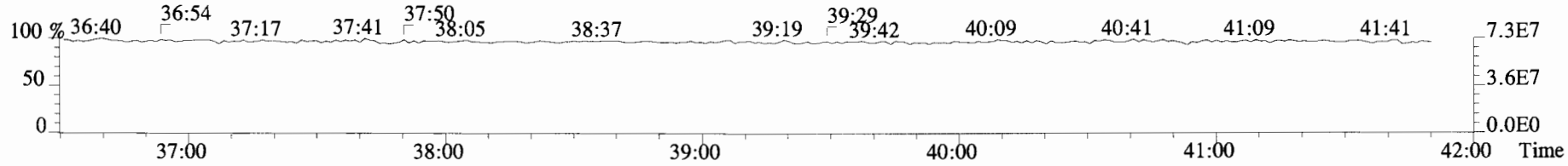
371.8817 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3308.0,0.00%,F,F)



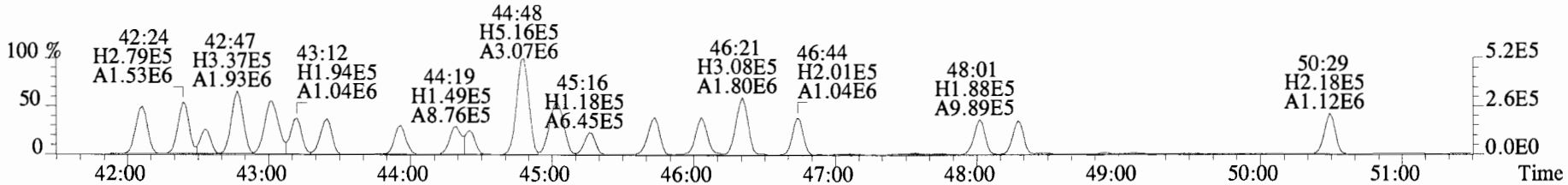
373.8788 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2588.0,0.00%,F,F)



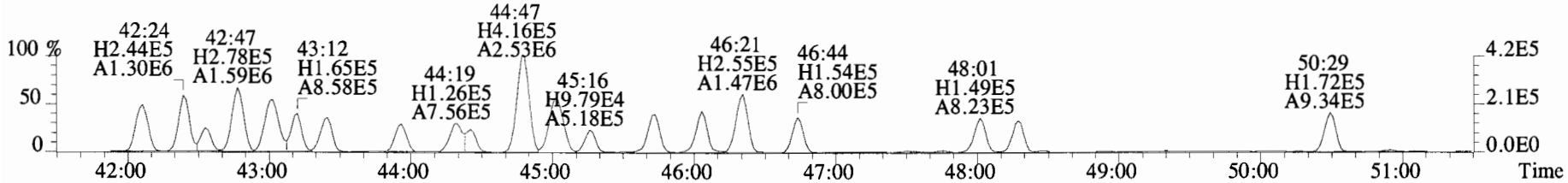
330.9792 S:2 F:3



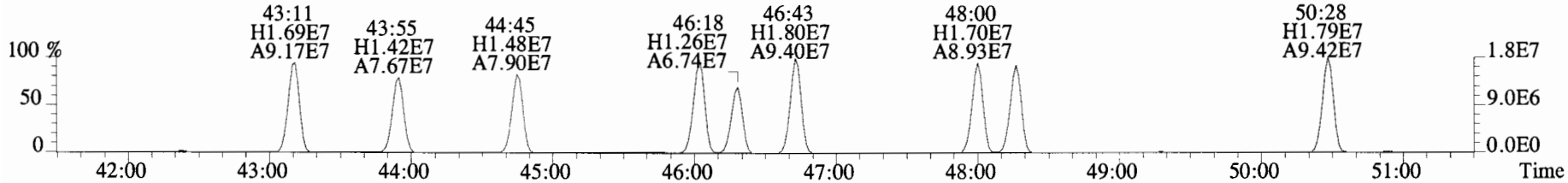
File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
359.8415 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2556.0,0.00%,F,F)



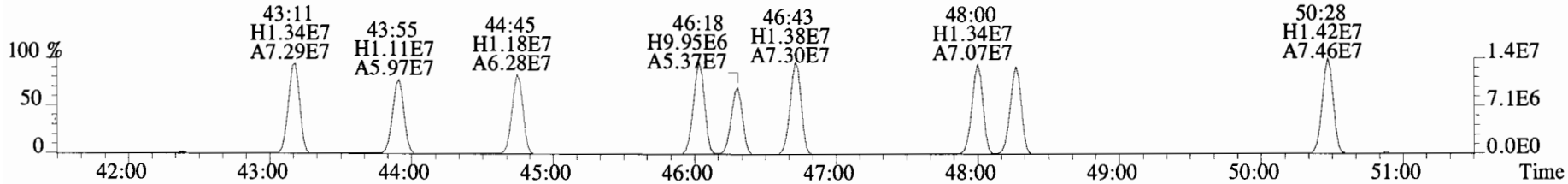
361.8385 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2476.0,0.00%,F,F)



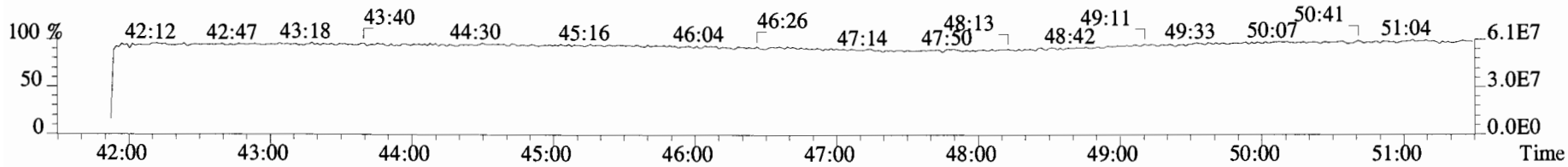
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19196.0,0.00%,F,F)



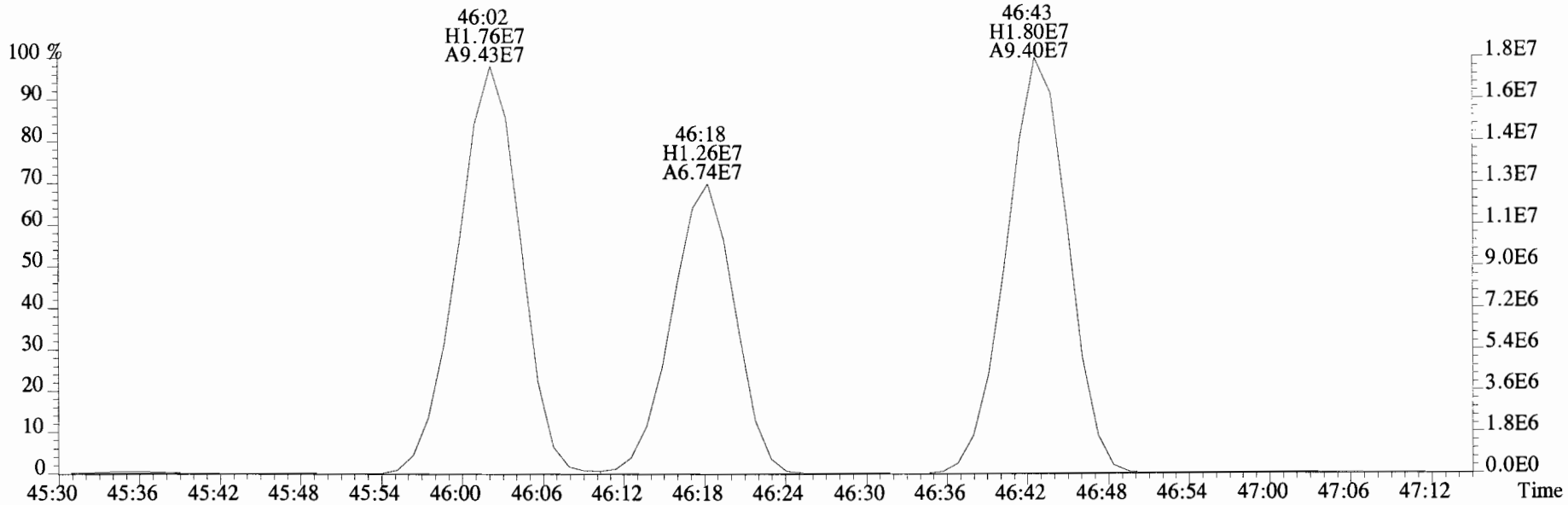
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14324.0,0.00%,F,F)



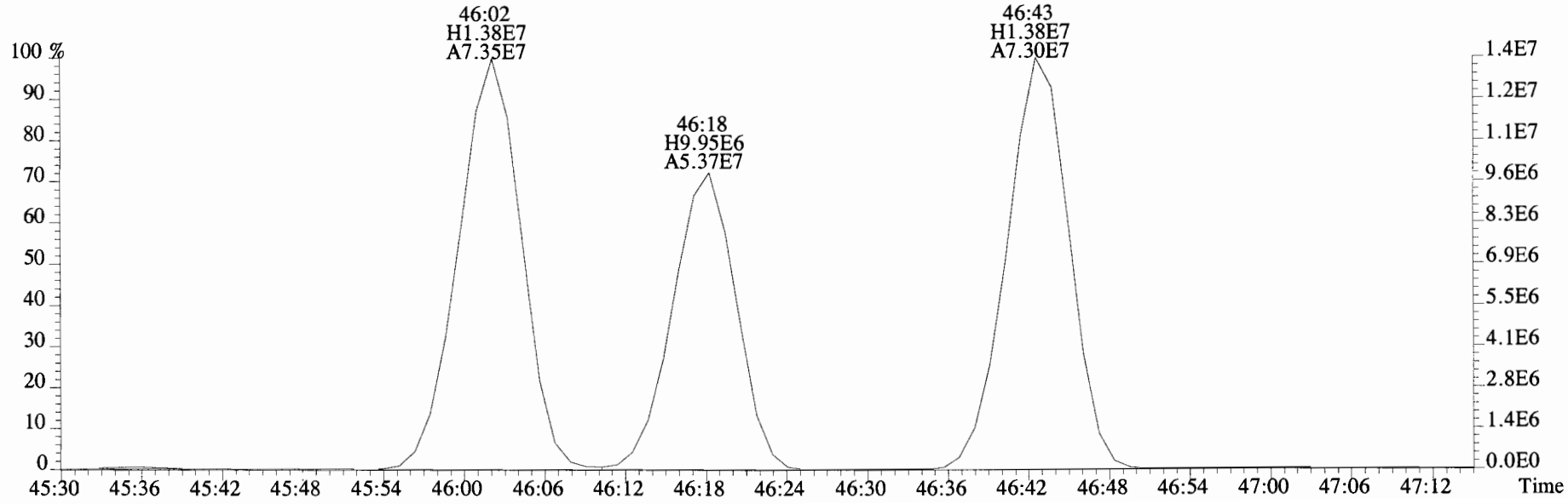
380.9760 S:2 F:4



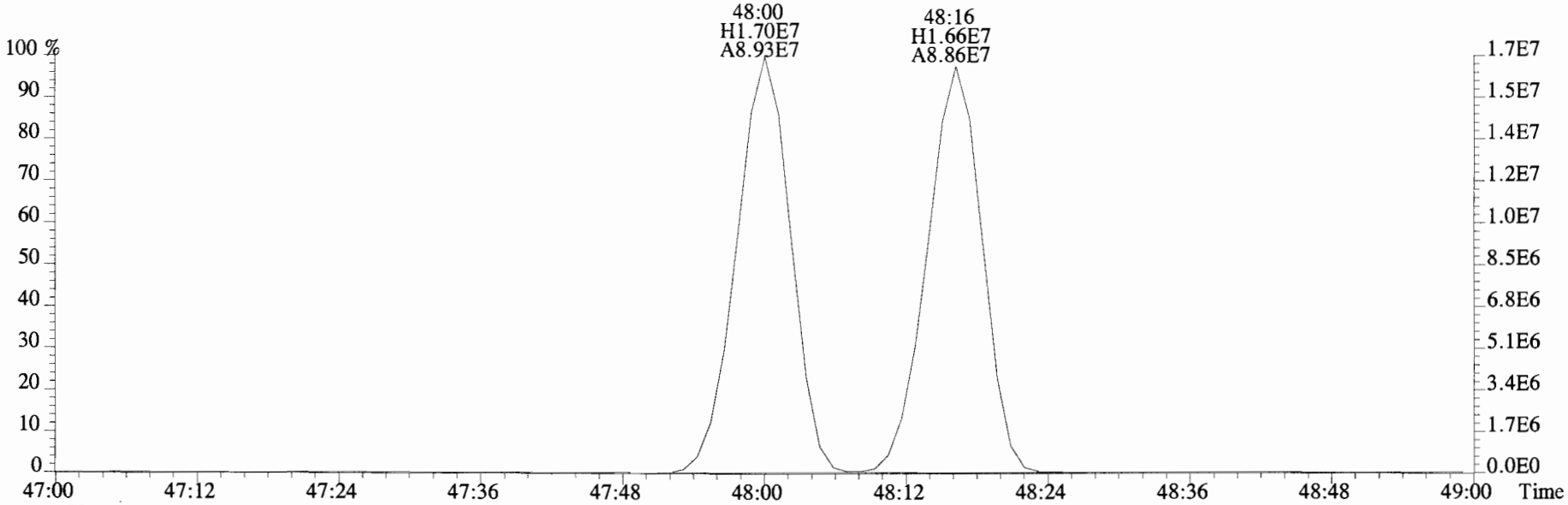
File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19196.0,0.00%,F,F)



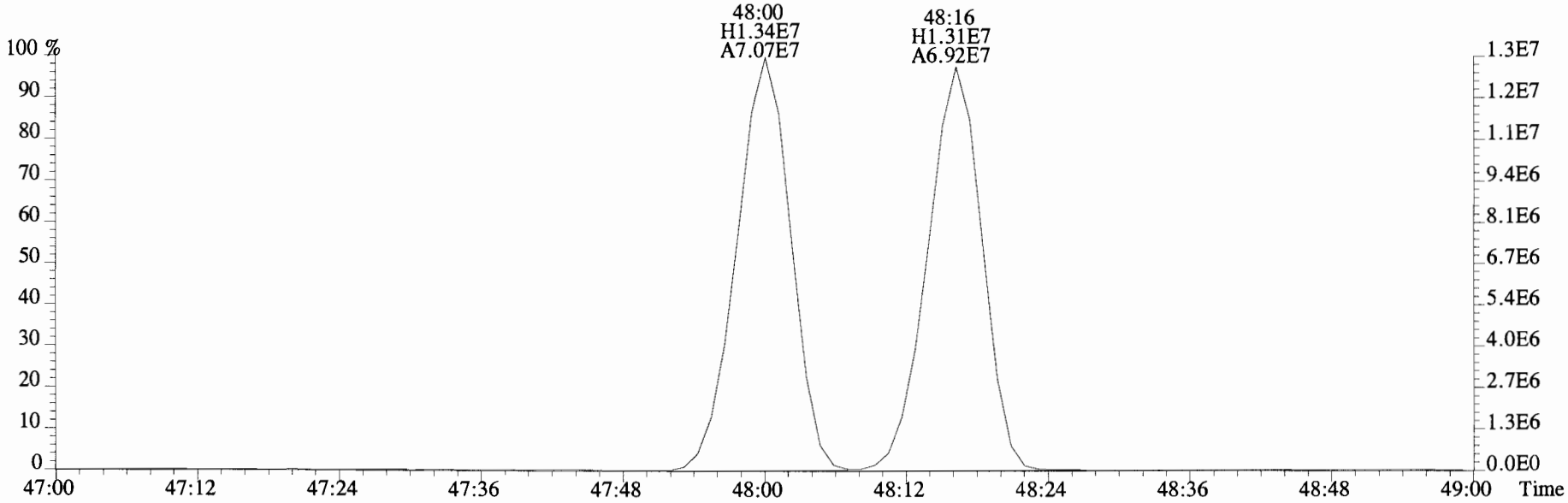
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14324.0,0.00%,F,F)



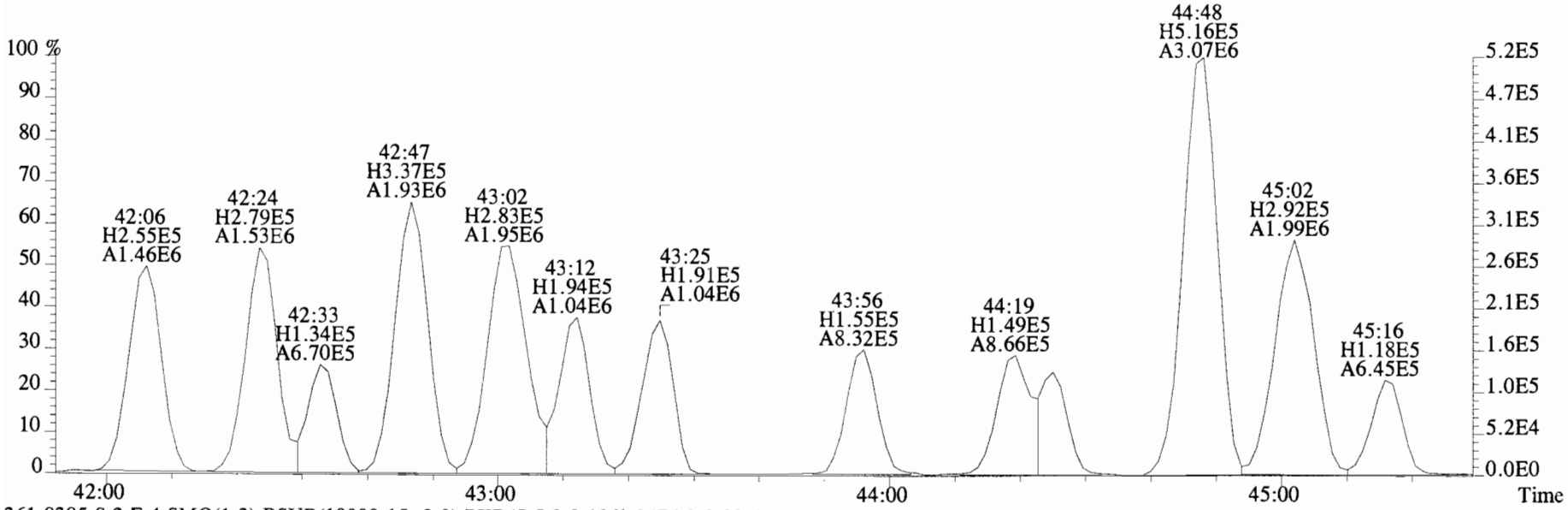
File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19196.0,0.00%,F,F)



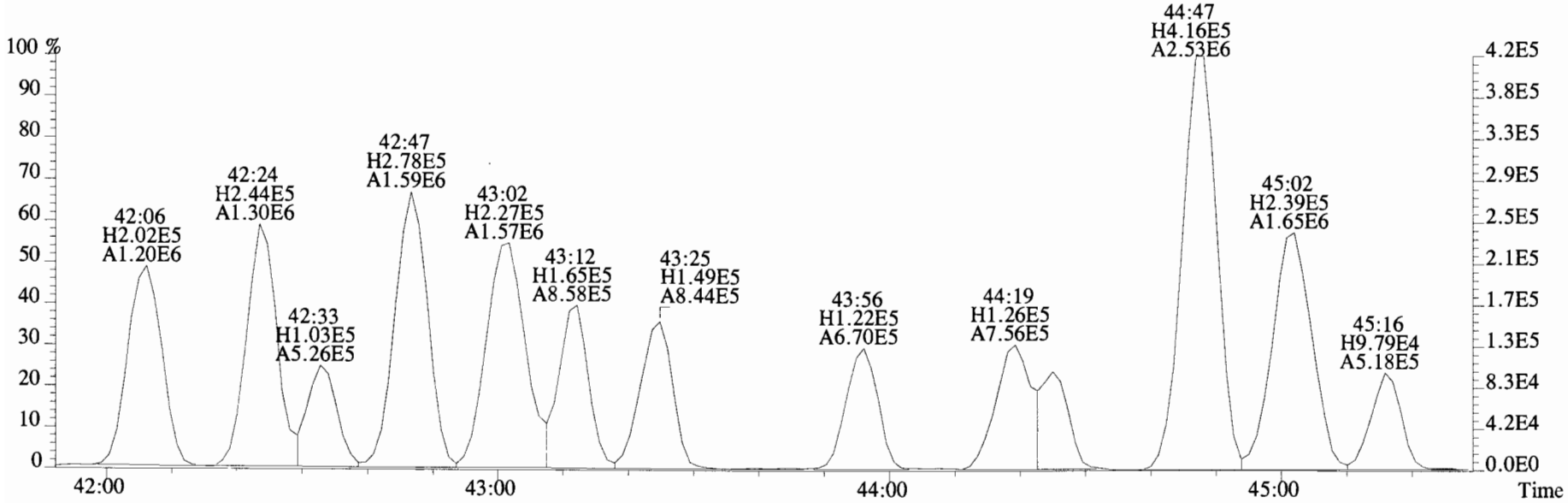
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14324.0,0.00%,F,F)



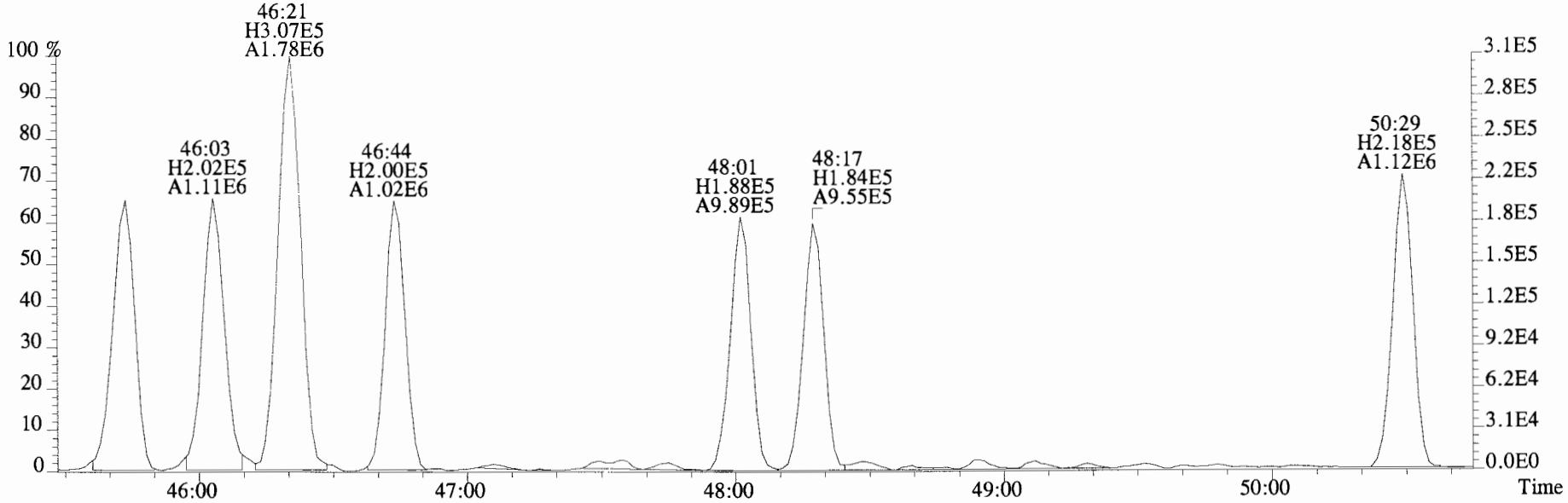
File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
359.8415 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2556.0,0.00%,F,F)



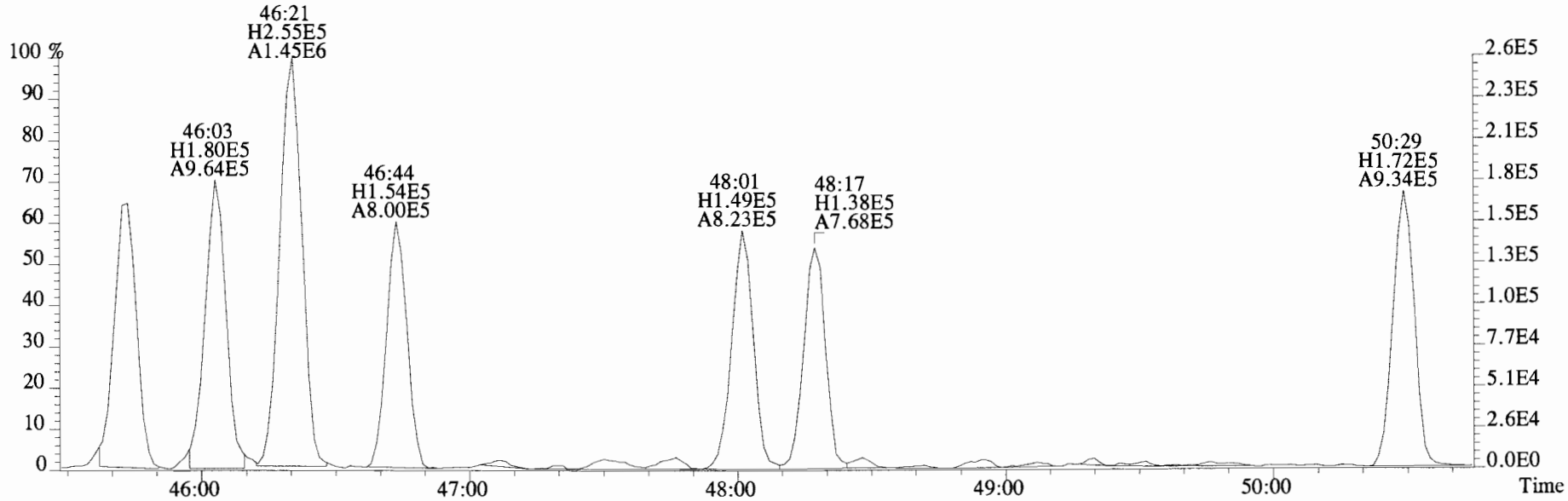
361.8385 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2476.0,0.00%,F,F)



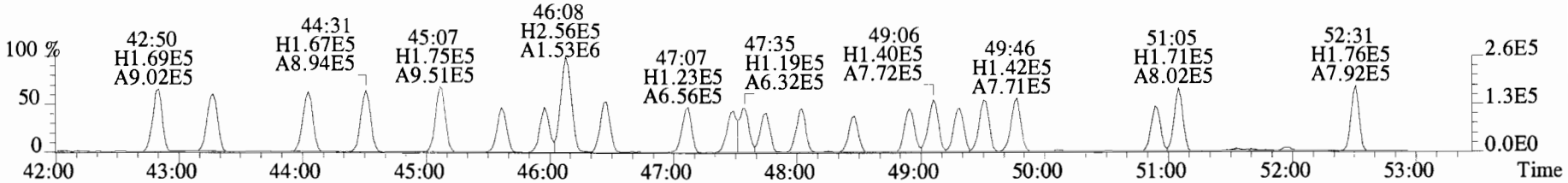
File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
359.8415 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2556.0,0.00%,F,F)



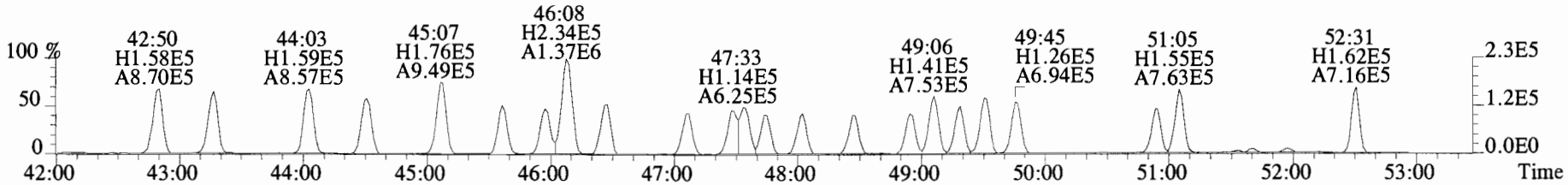
361.8385 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2476.0,0.00%,F,F)



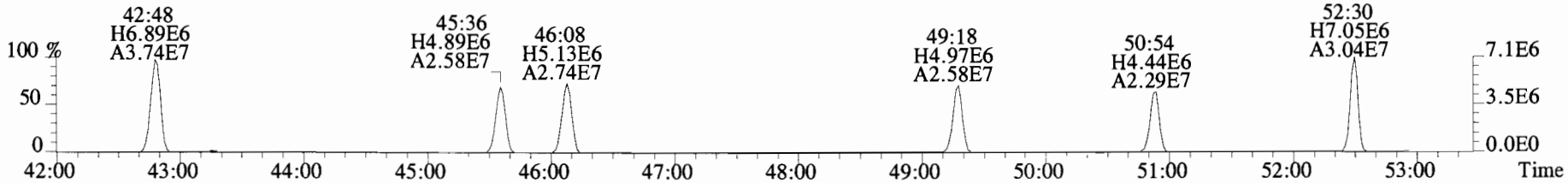
File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
393.8025 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2760.0,0.00%,F,F)



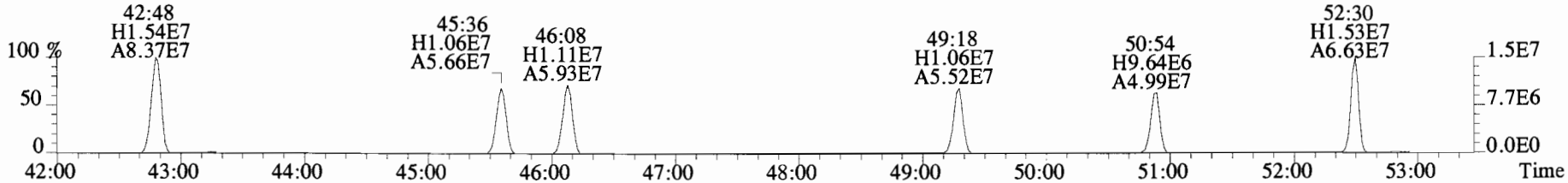
395.7995 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2288.0,0.00%,F,F)



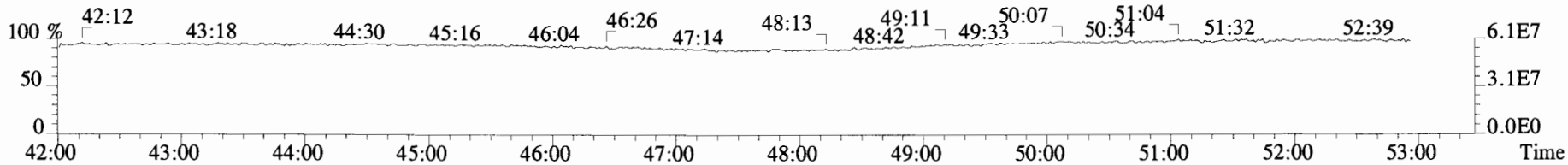
403.8457 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9196.0,0.00%,F,F)



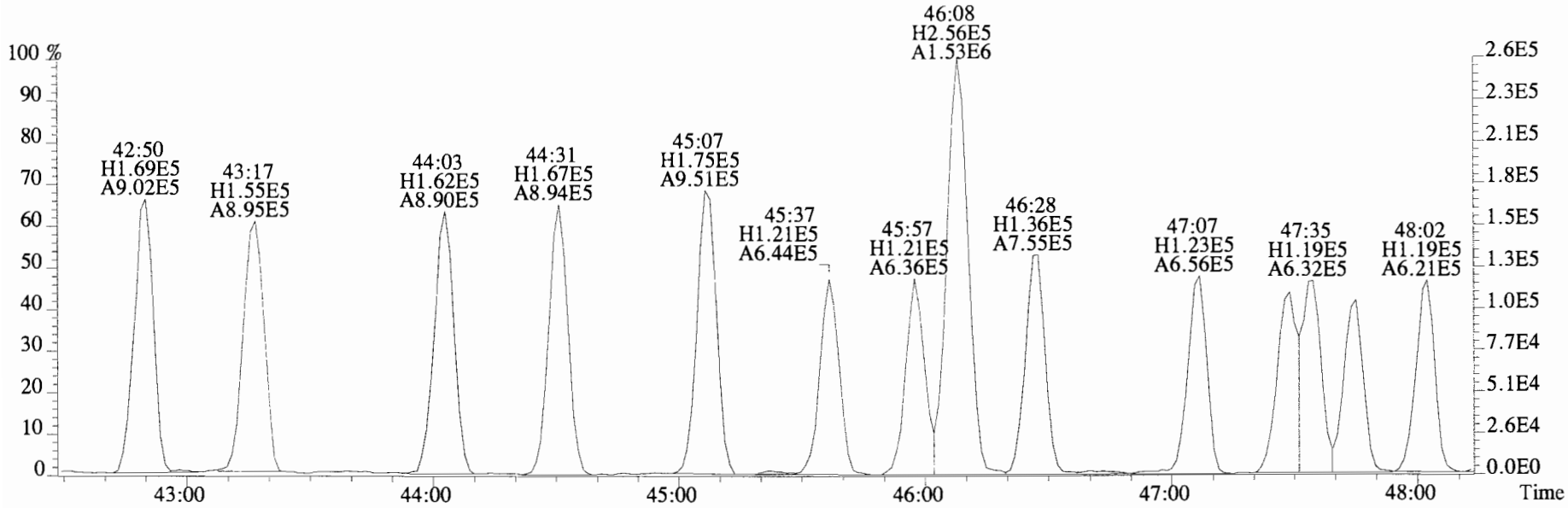
405.8428 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19096.0,0.00%,F,F)



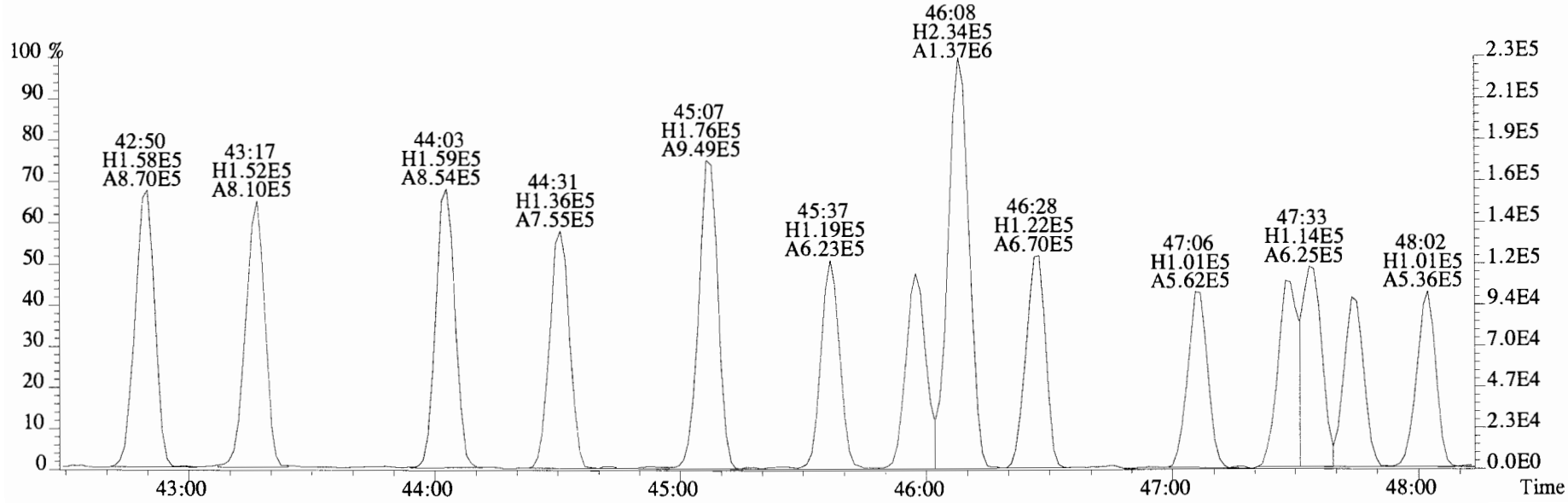
380.9760 S:2 F:4



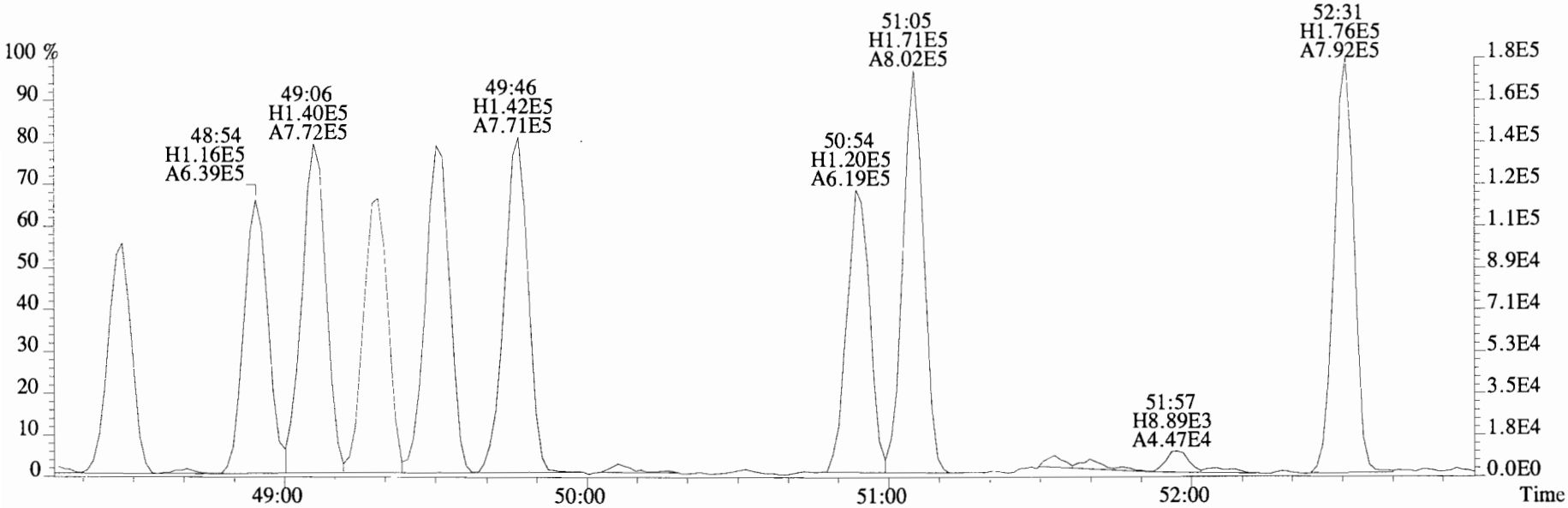
File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
393.8025 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2760.0,0.00%,F,F)



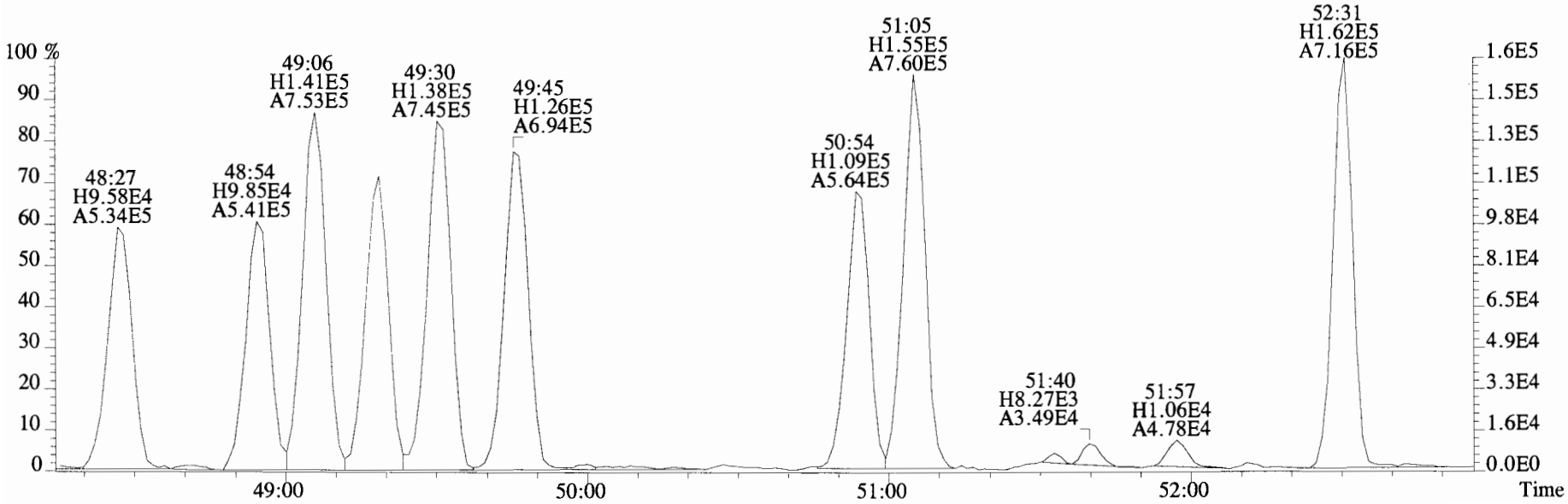
395.7995 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2288.0,0.00%,F,F)



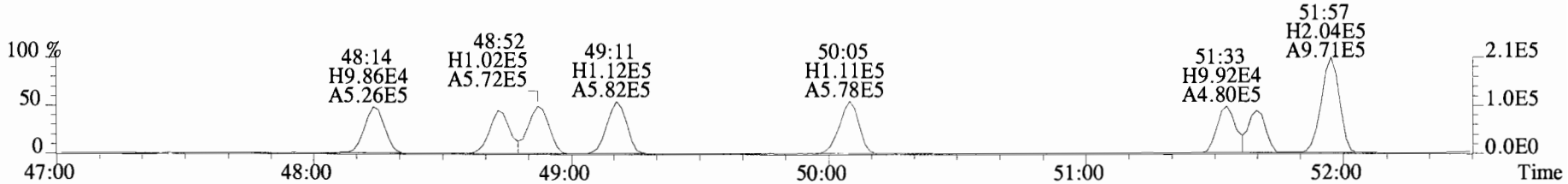
File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
393.8025 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2760.0,0.00%,F,F)



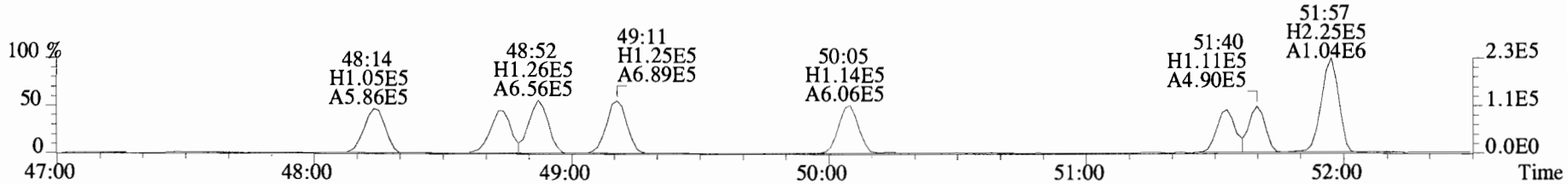
395.7995 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2288.0,0.00%,F,F)



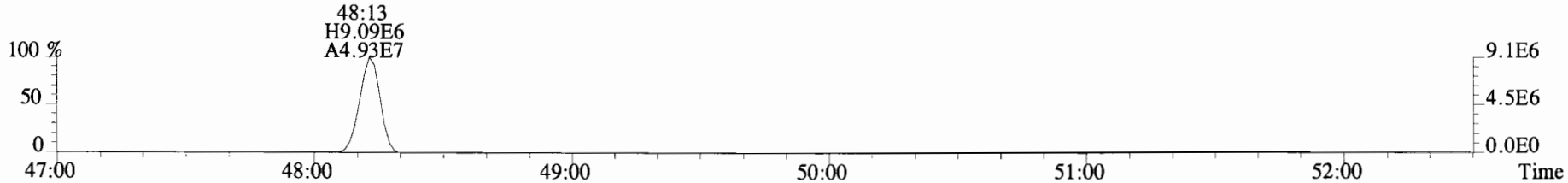
File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
427.7635 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2072.0,0.00%,F,F)



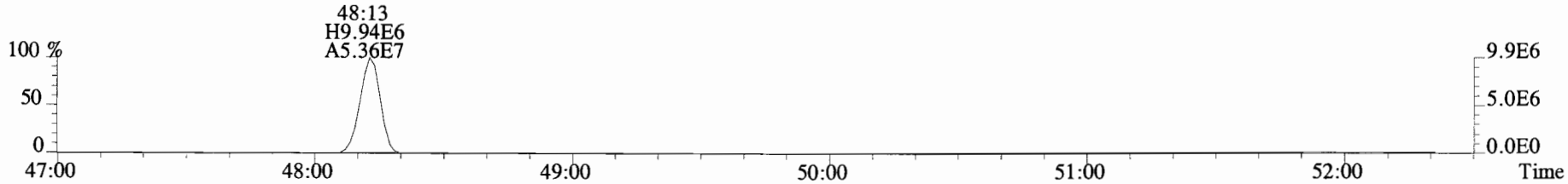
429.7606 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2144.0,0.00%,F,F)



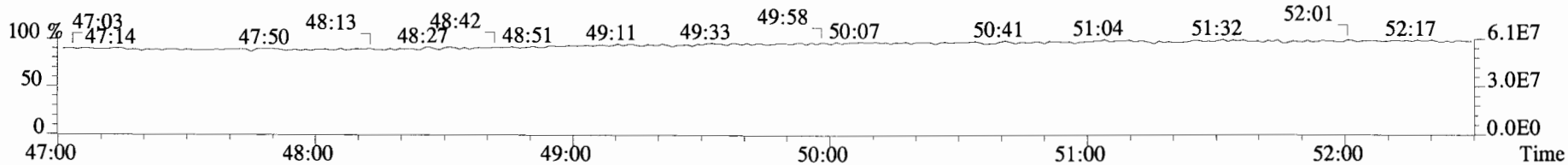
439.8038 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1684.0,0.00%,F,F)



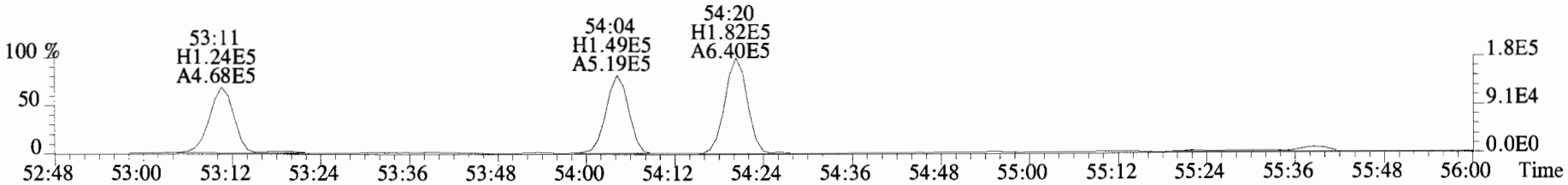
441.8008 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1532.0,0.00%,F,F)



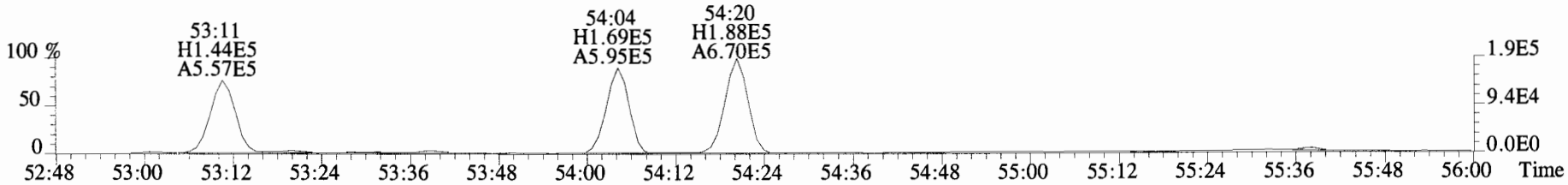
380.9760 S:2 F:4



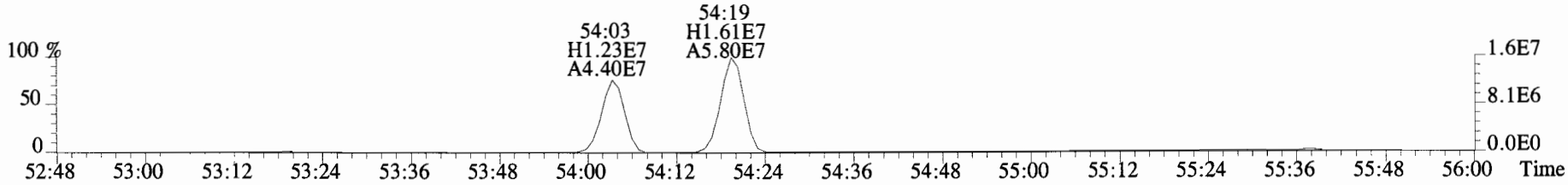
File:180208E1 #1-406 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
427.7635 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1956.0,0.00%,F,F)



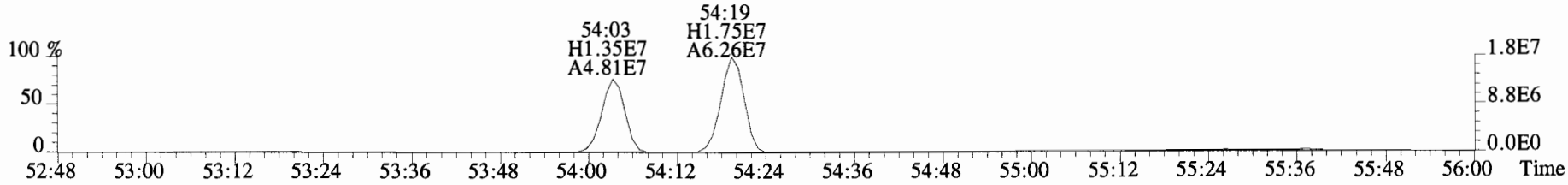
429.7606 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2004.0,0.00%,F,F)



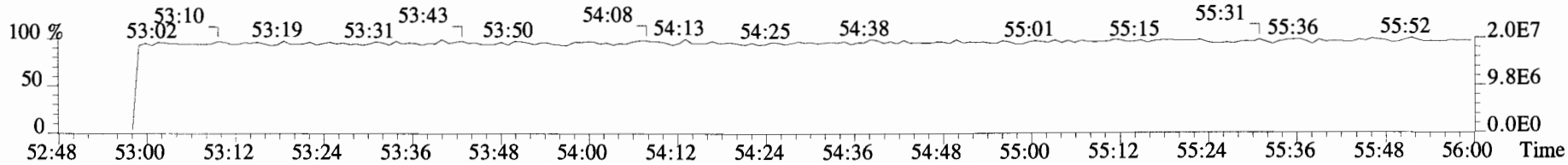
439.8038 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8404.0,0.00%,F,F)



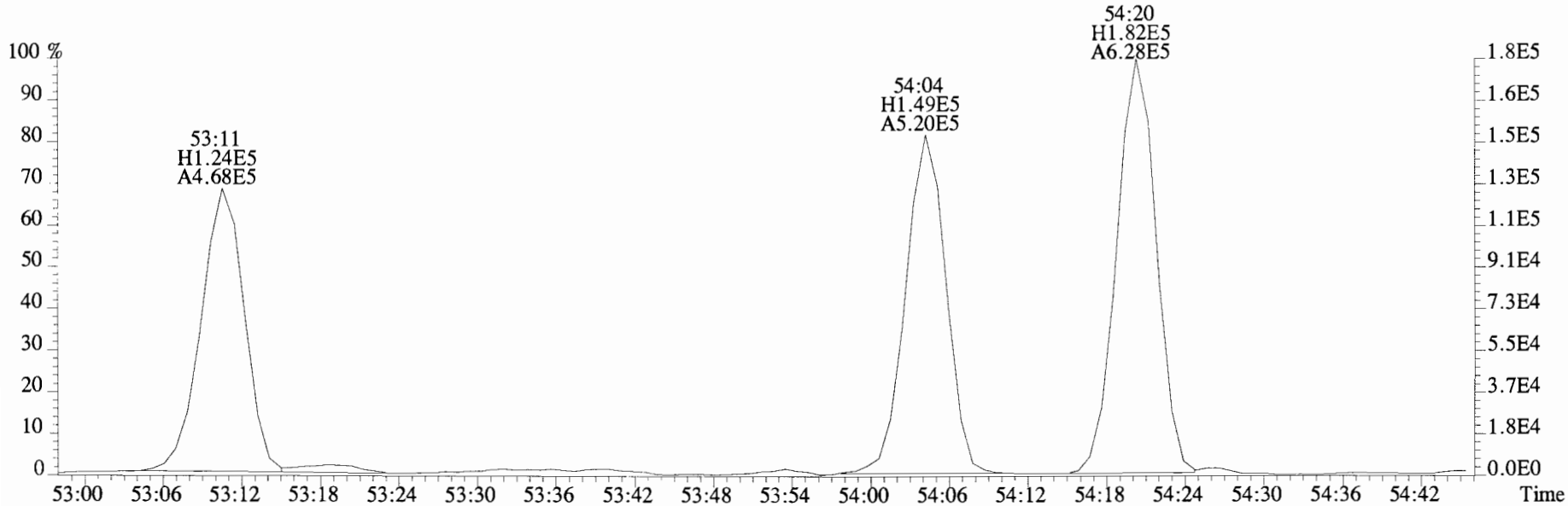
441.8008 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11356.0,0.00%,F,F)



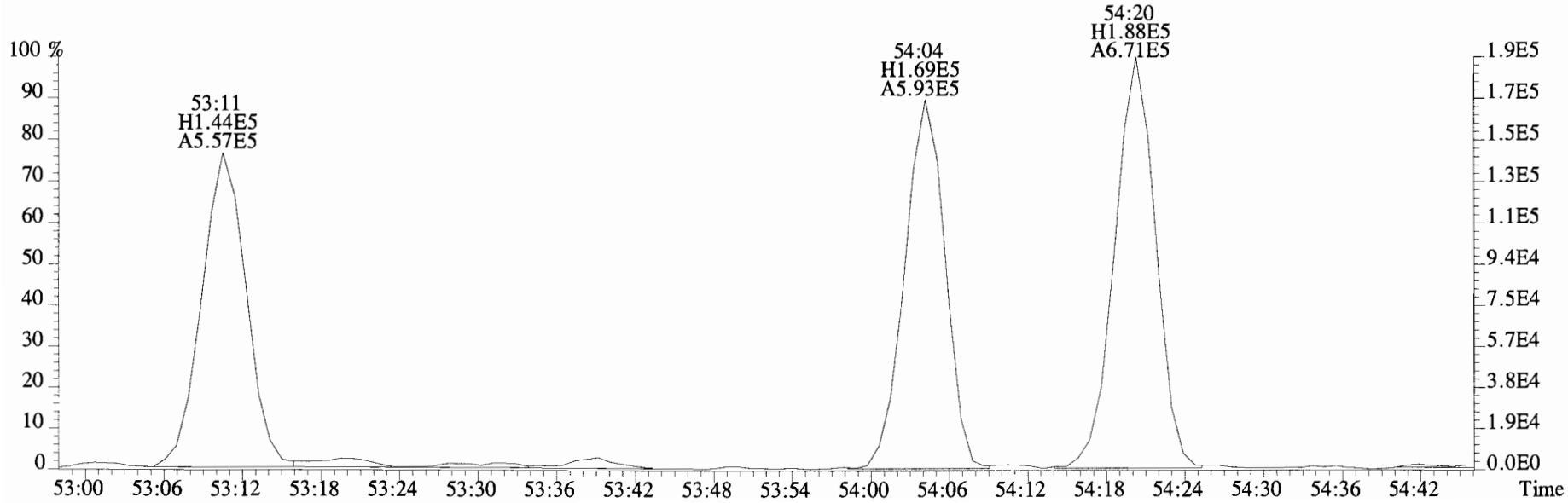
492.9697 S:2 F:5



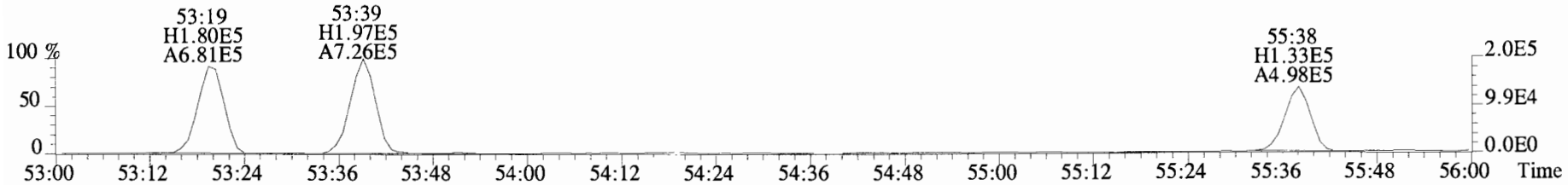
File:180208E1 #1-406 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
427.7635 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1956.0,0.00%,F,F)



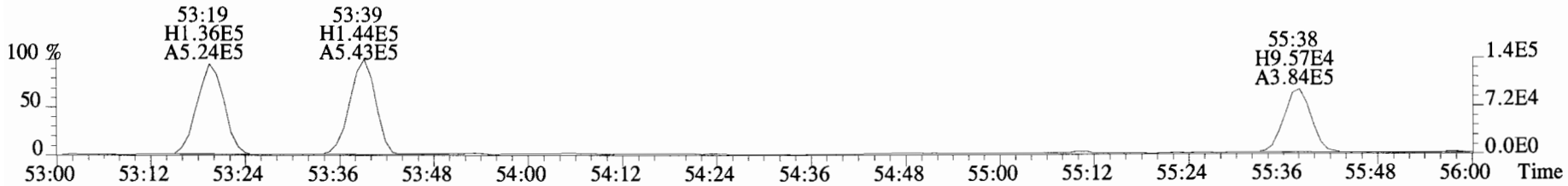
429.7606 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2004.0,0.00%,F,F)



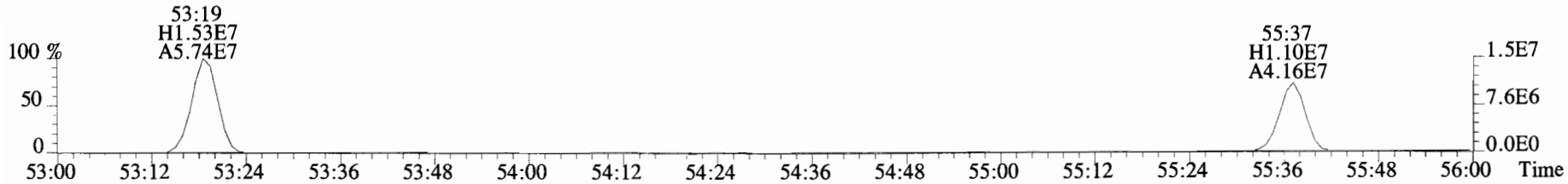
File:180208E1 #1-406 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
463.7216 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2136.0,0.00%,F,F)



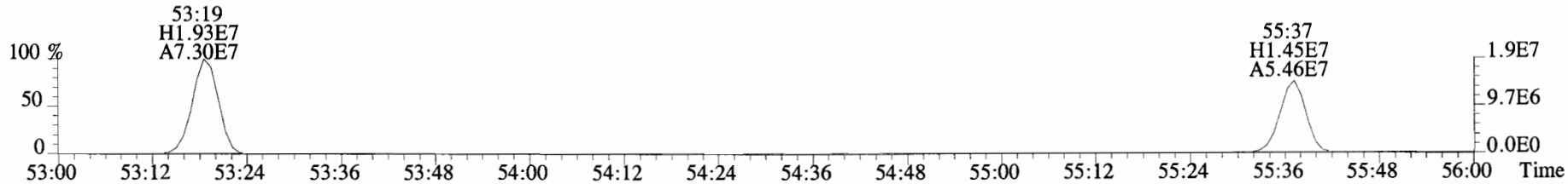
465.7186 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2004.0,0.00%,F,F)



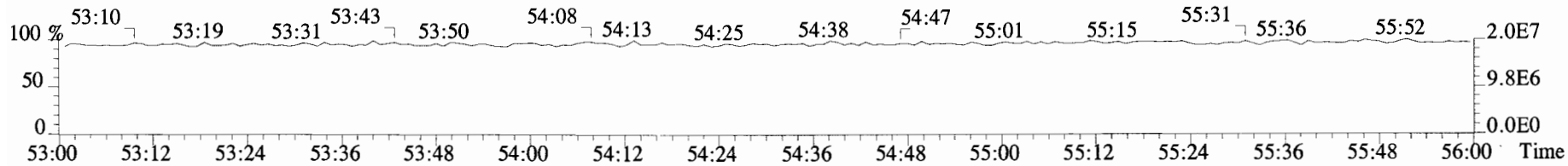
473.7648 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,52944.0,0.00%,F,F)



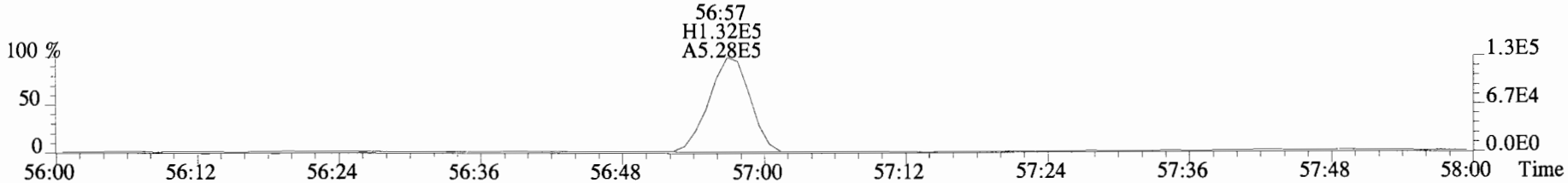
475.7619 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,60288.0,0.00%,F,F)



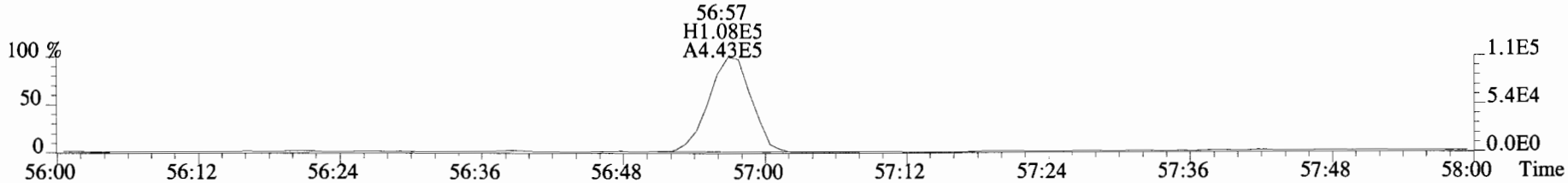
492.9697 S:2 F:5



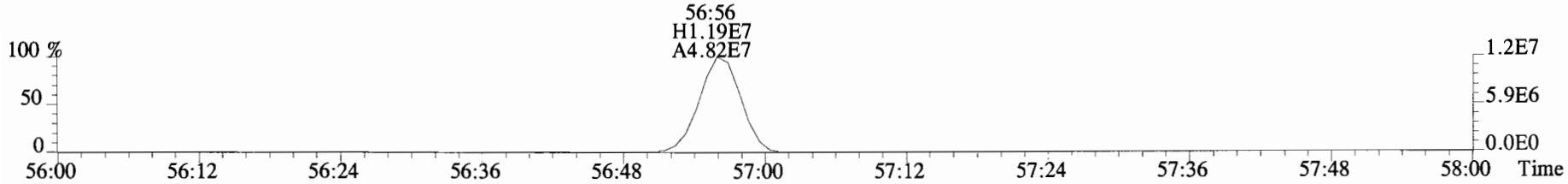
File:180208E1 #1-406 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
497.6826 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1596.0,0.00%,F,F)



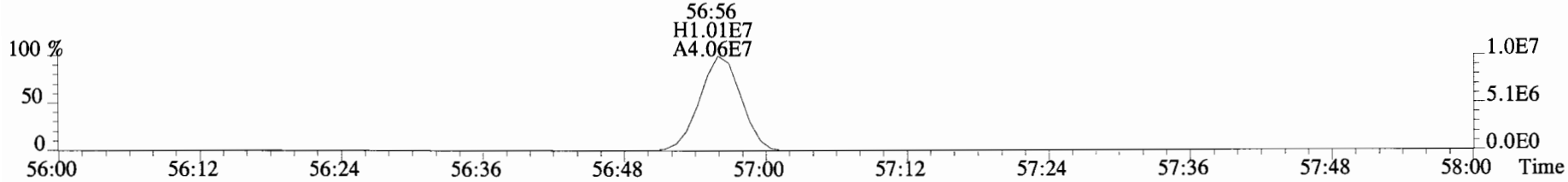
499.6797 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1524.0,0.00%,F,F)



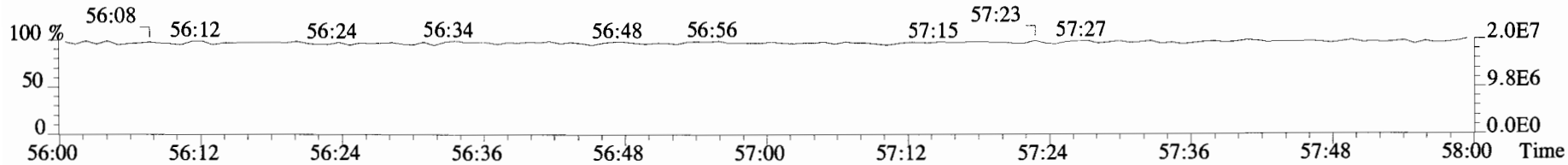
509.7229 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1608.0,0.00%,F,F)



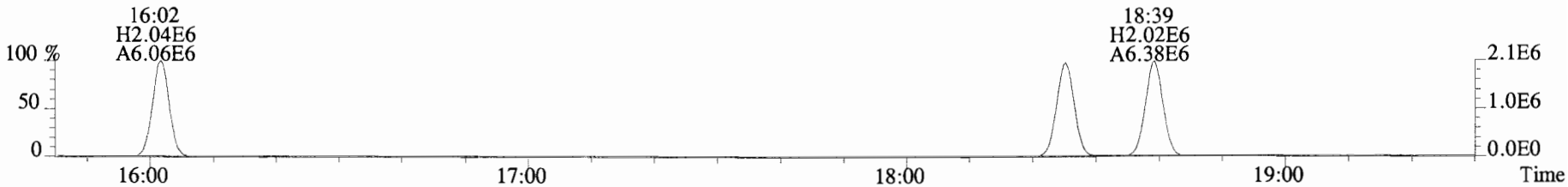
511.7199 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1848.0,0.00%,F,F)



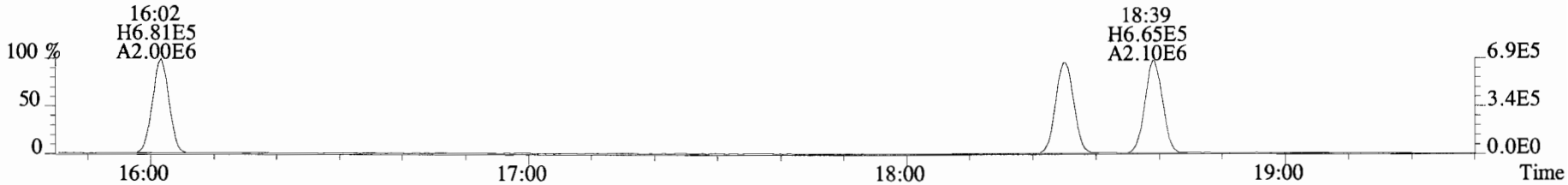
492.9697 S:2 F:5



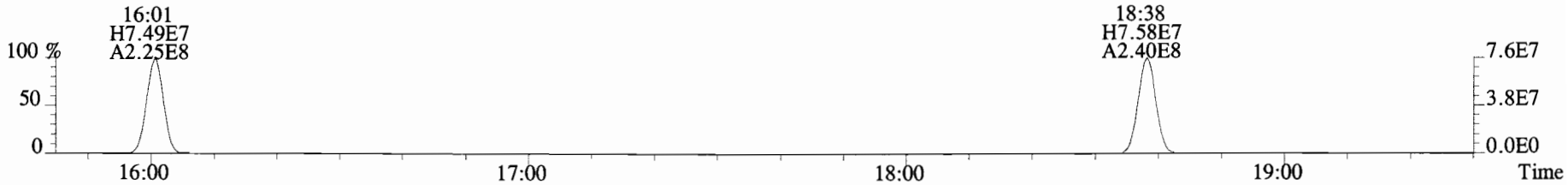
File:180208E1 #1-867 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
188.0393 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12760.0,0.00%,F,F)



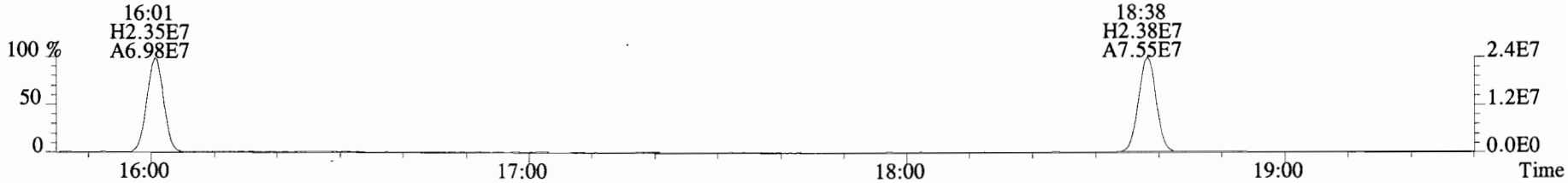
190.0363 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7840.0,0.00%,F,F)



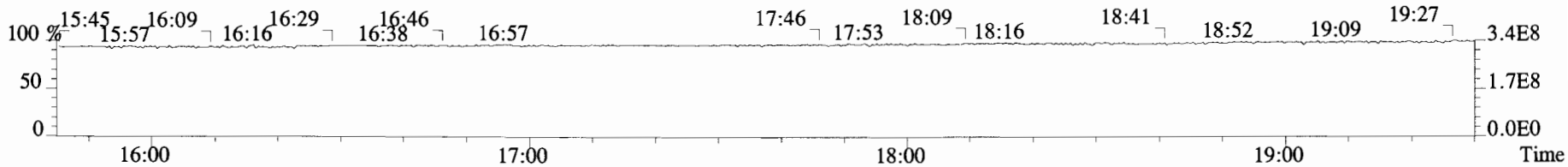
200.0795 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9684.0,0.00%,F,F)



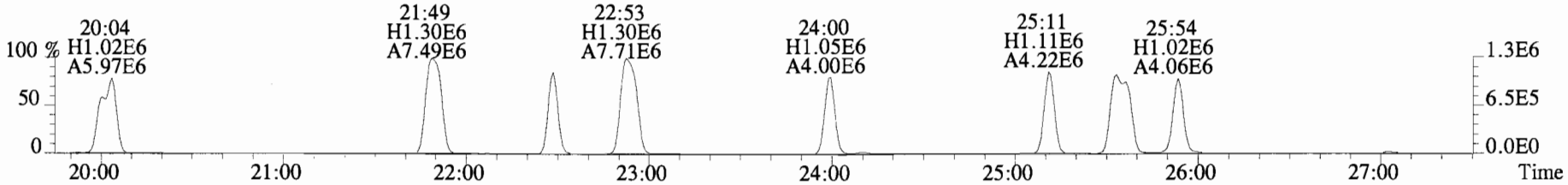
202.0766 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,82544.0,0.00%,F,F)



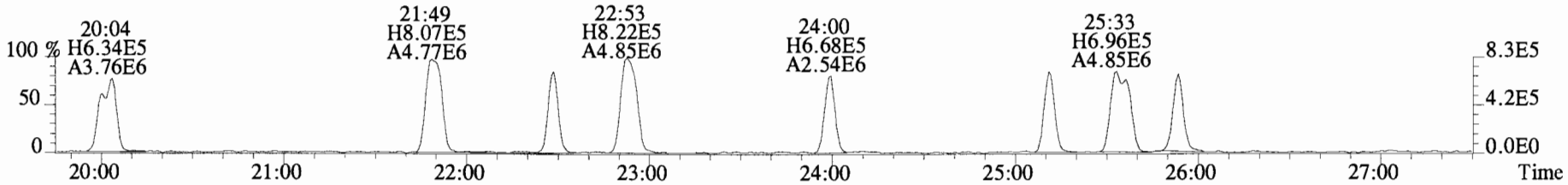
180.9880 S:3



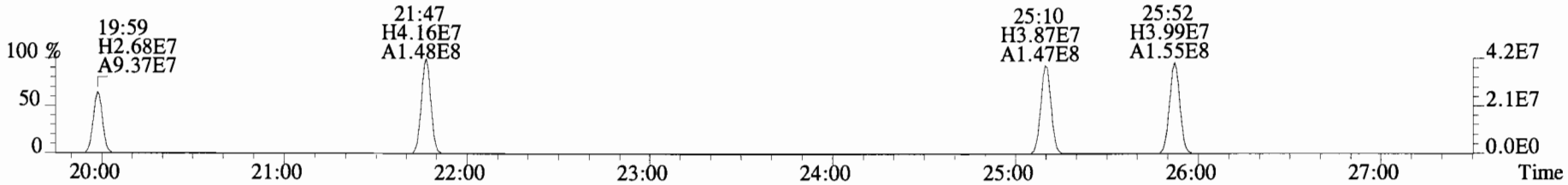
File:180208E1 #1-757 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
222.0003 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2700.0,0.00%,F,F)



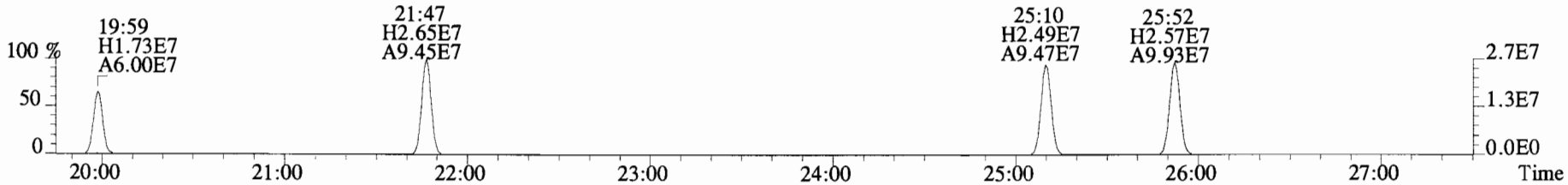
223.9974 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14968.0,0.00%,F,F)



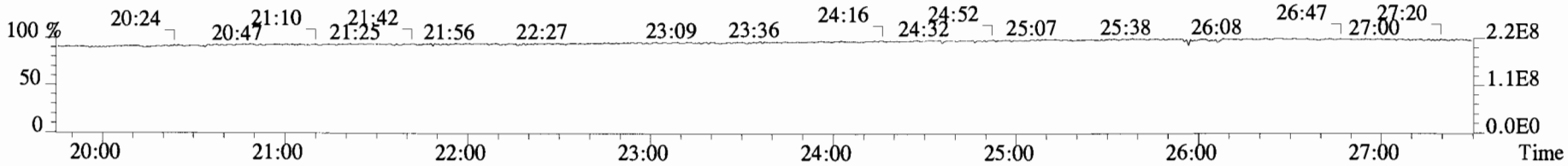
234.0406 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6620.0,0.00%,F,F)



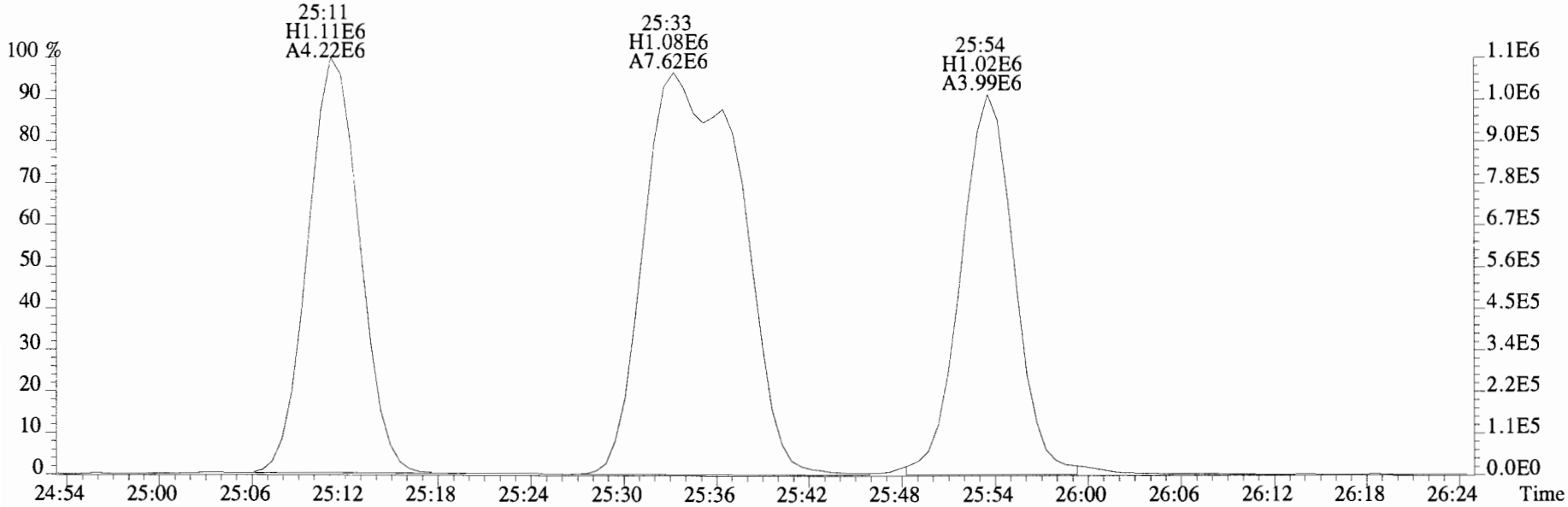
236.0376 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5296.0,0.00%,F,F)



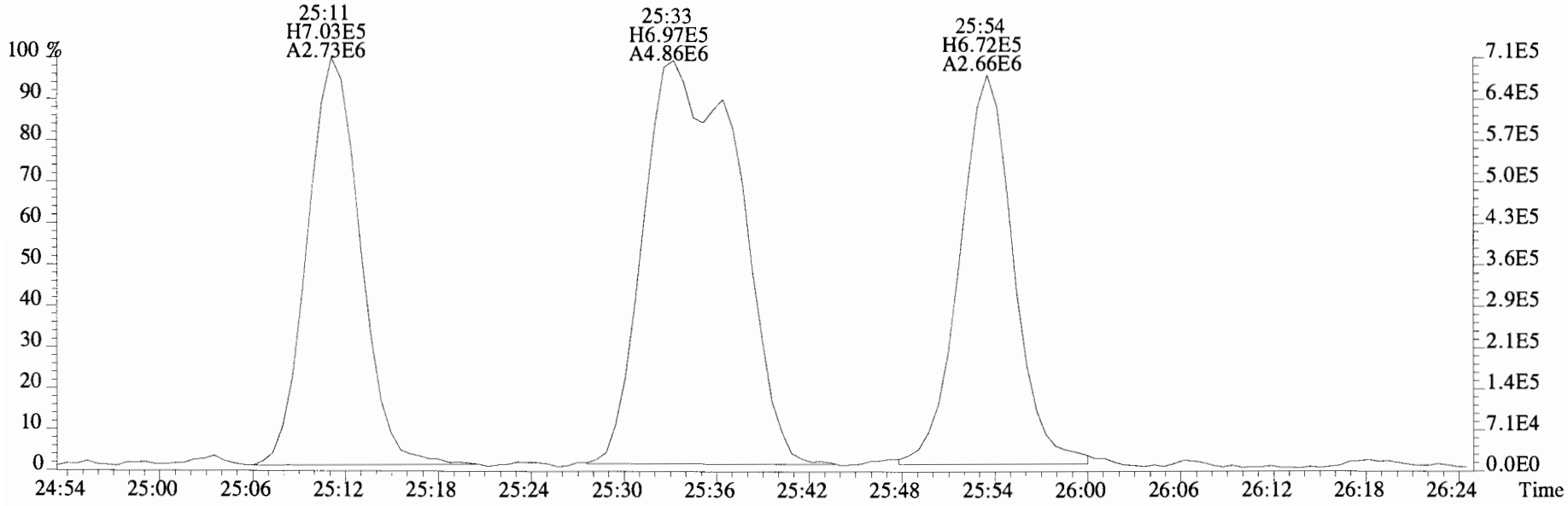
230.9856 S:3 F:2



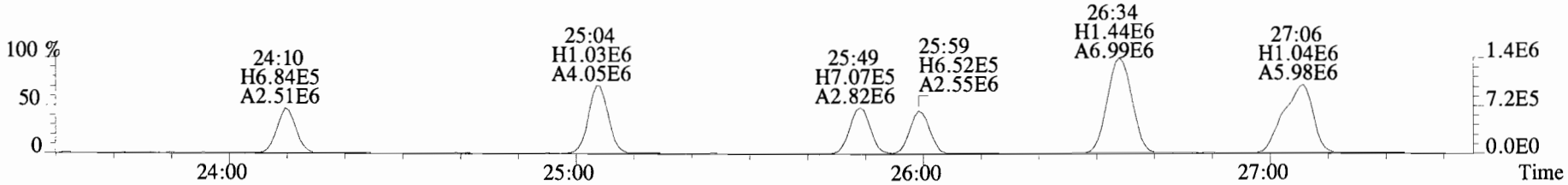
File:180208E1 #1-757 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
222.0003 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2700.0,0.00%,F,F)



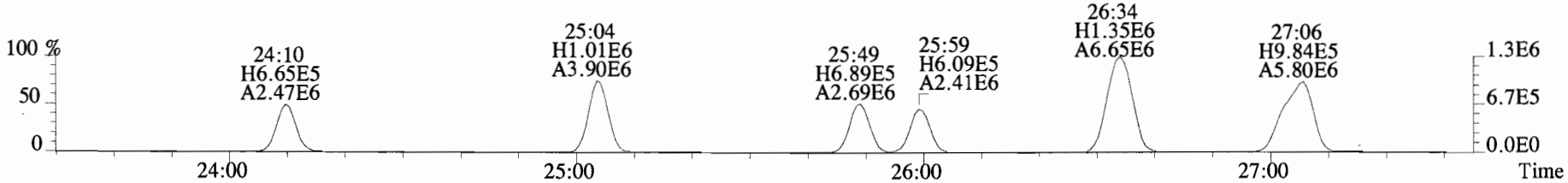
223.9974 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14968.0,0.00%,F,F)



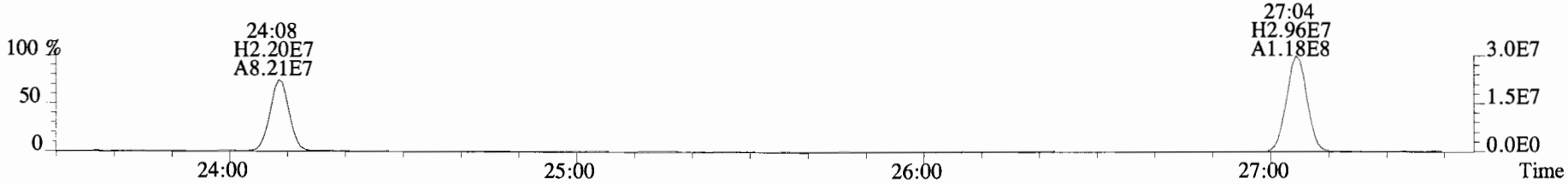
File:180208E1 #1-757 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
255.9613 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4124.0,0.00%,F,F)



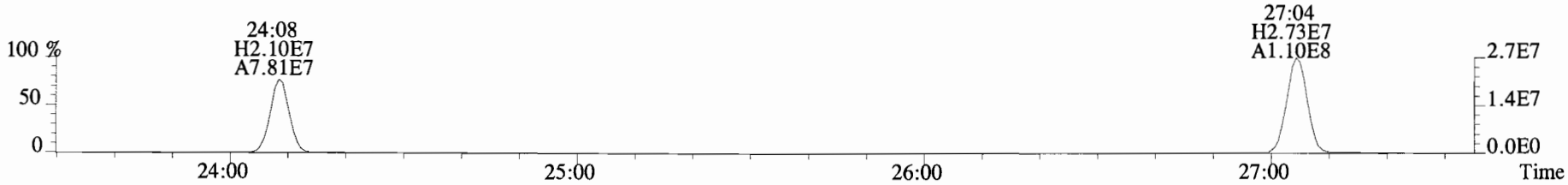
257.9584 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2868.0,0.00%,F,F)



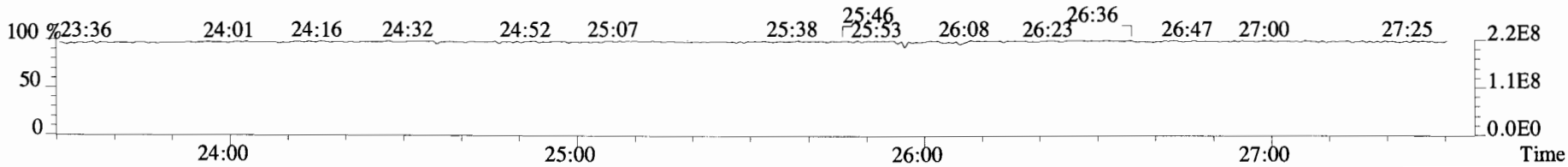
268.0016 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,96708.0,0.00%,F,F)



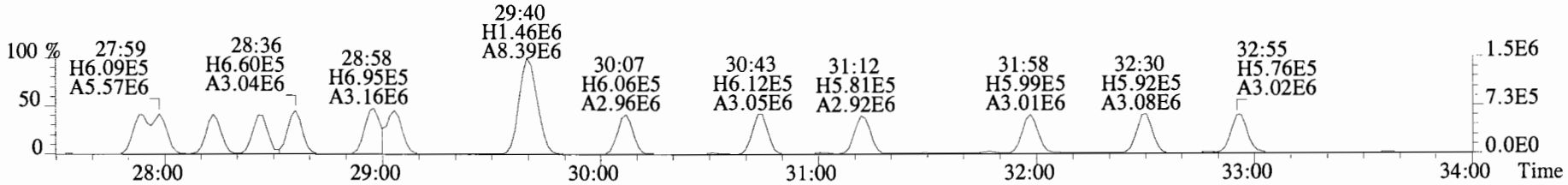
269.9986 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,42044.0,0.00%,F,F)



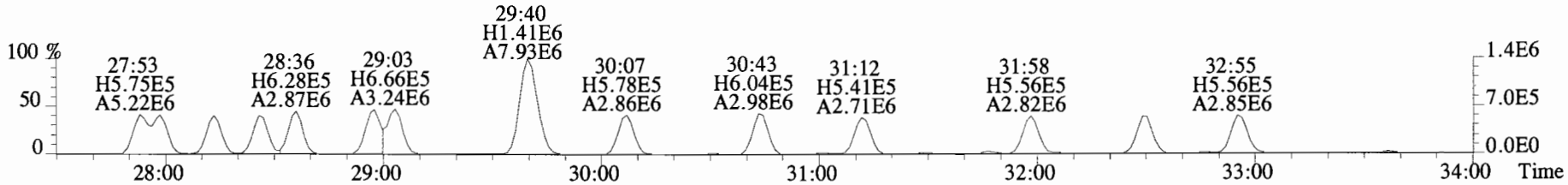
230.9856 S:3 F:2



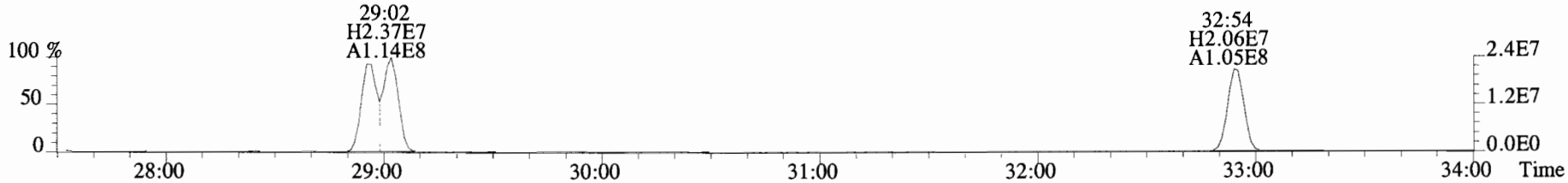
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
255.9613 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4104.0,0.00%,F,F)



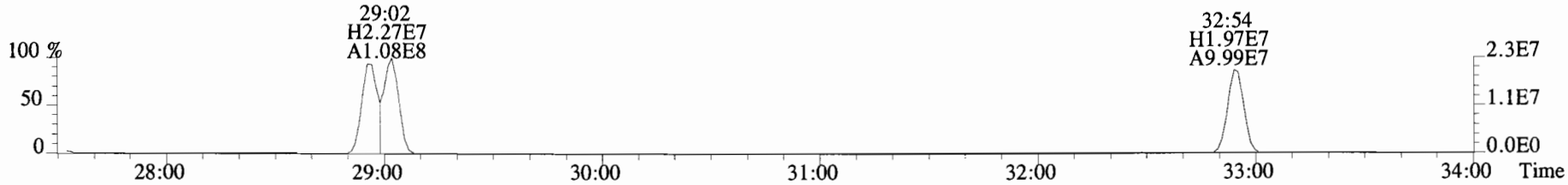
257.9584 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3400.0,0.00%,F,F)



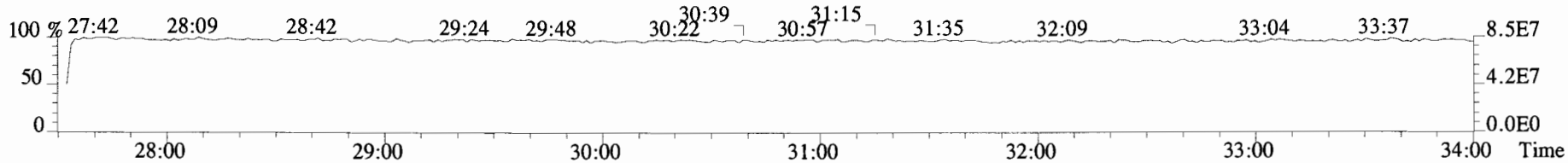
268.0016 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,101400.0,0.00%,F,F)



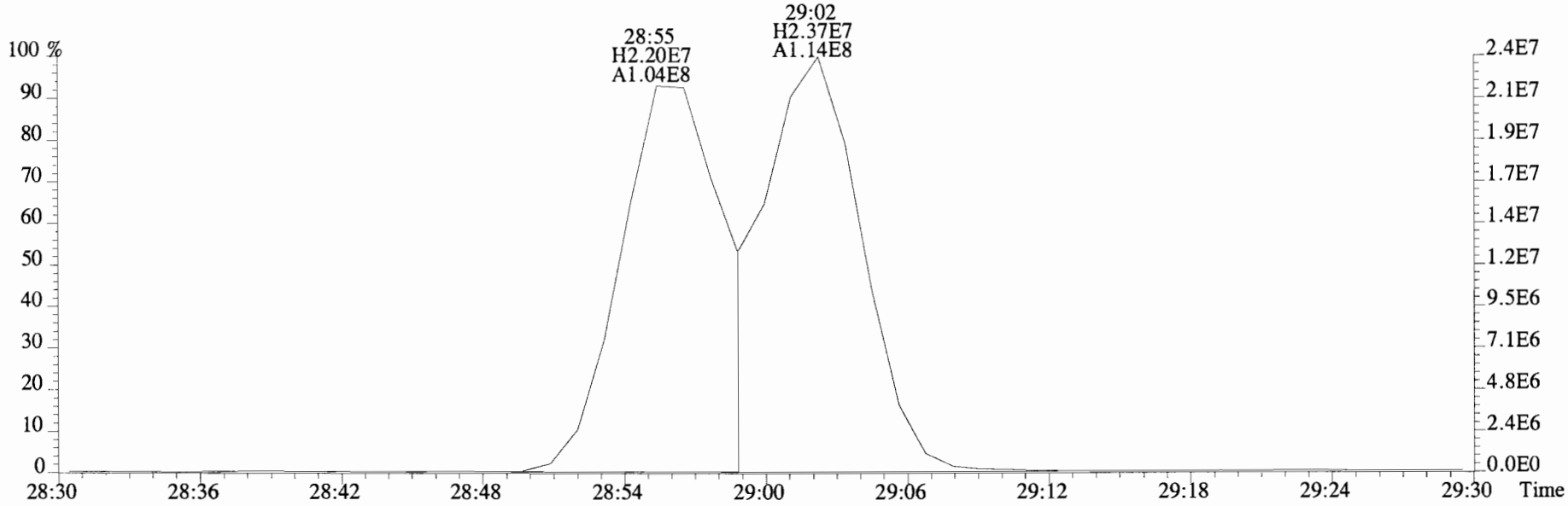
269.9986 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25516.0,0.00%,F,F)



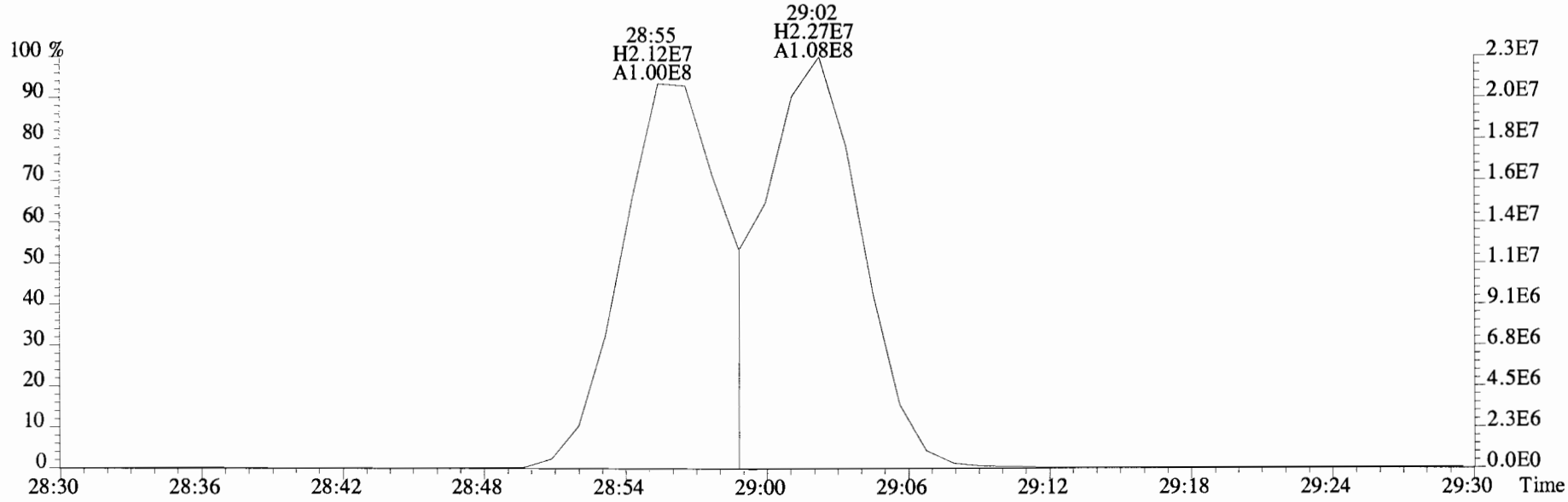
330.9792 S:3 F:3



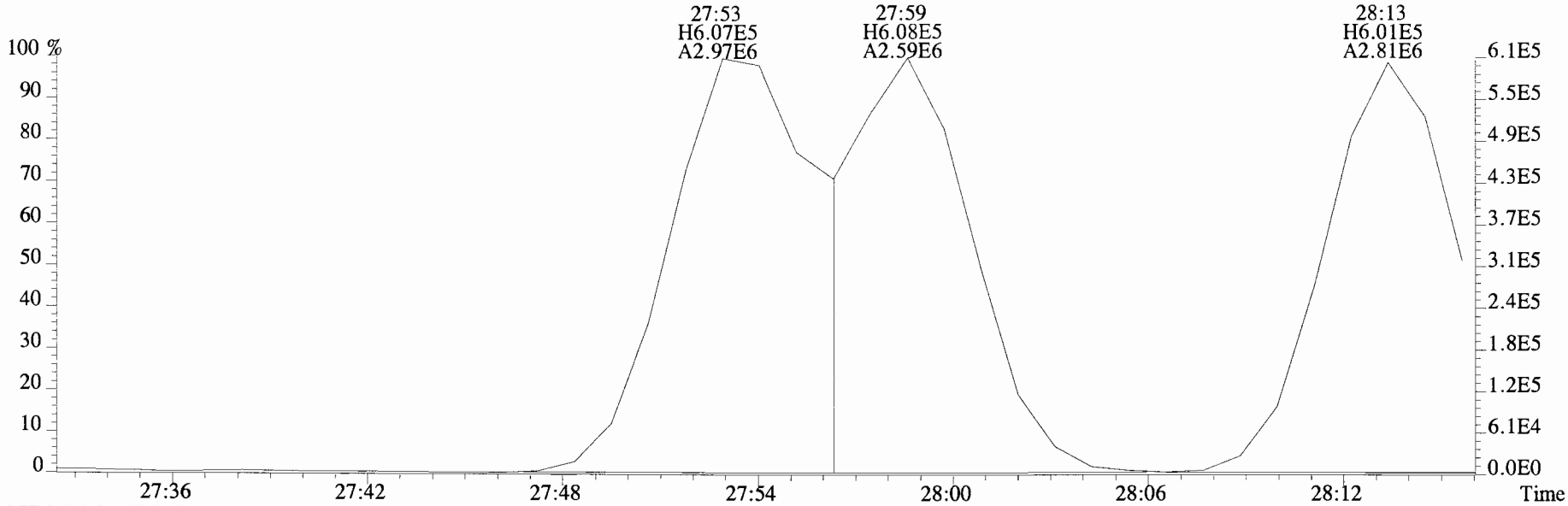
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
268.0016 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,101400.0,0.00%,F,F)



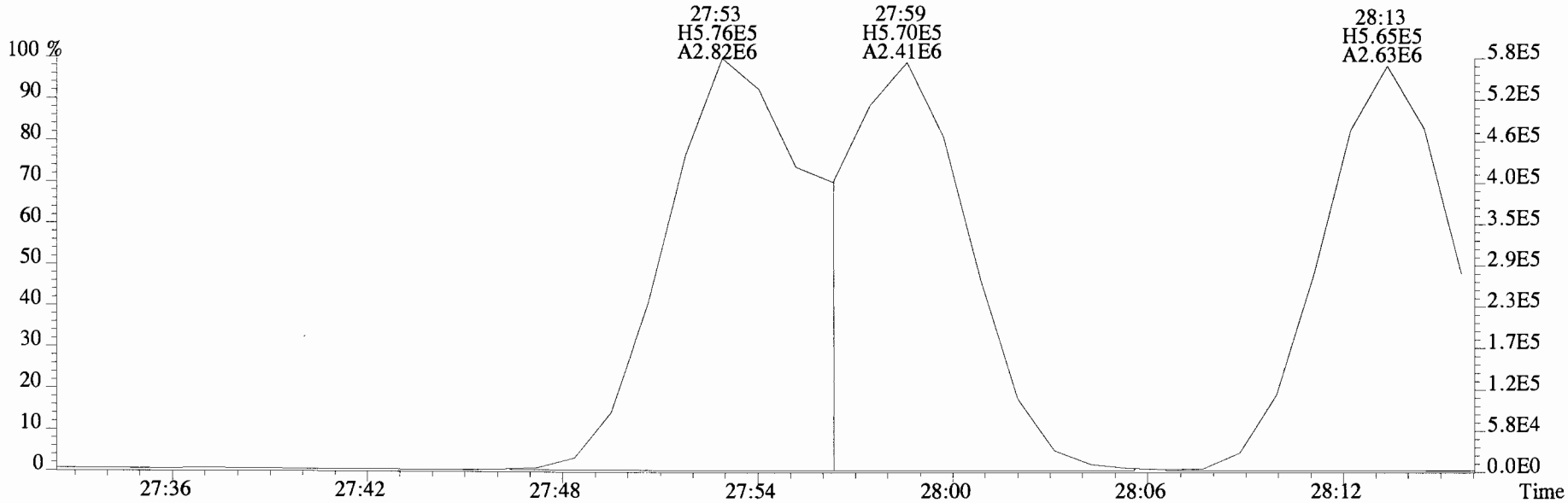
269.9986 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25516.0,0.00%,F,F)



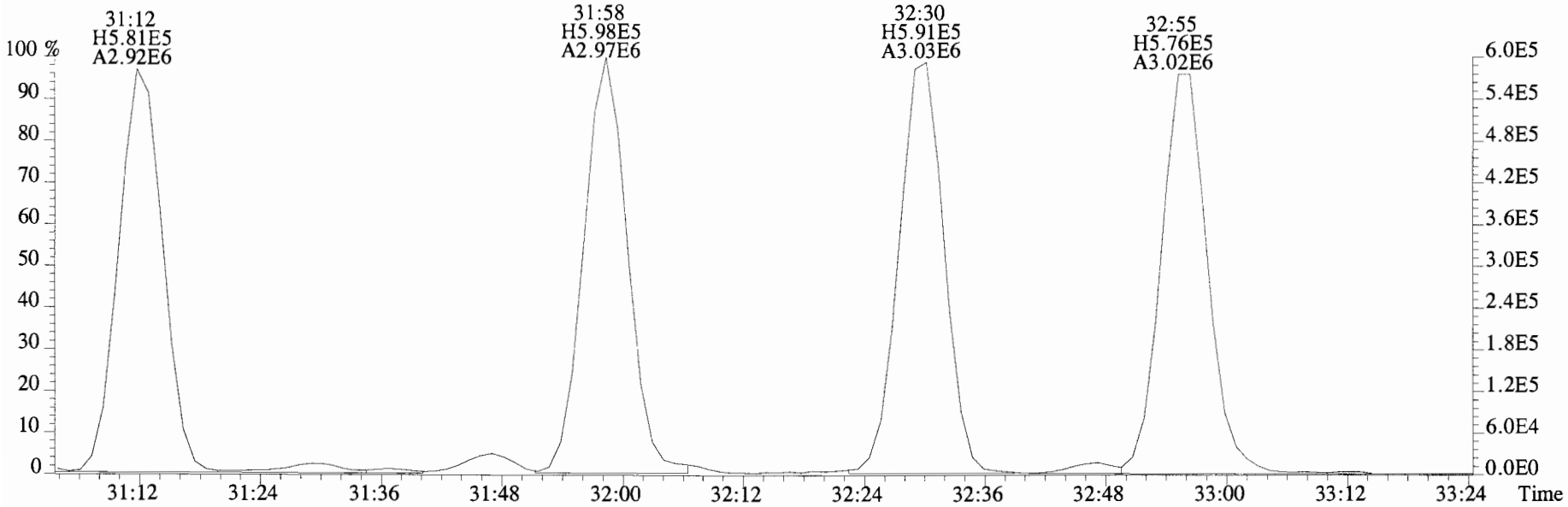
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
255.9613 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4104.0,0.00%,F,F)



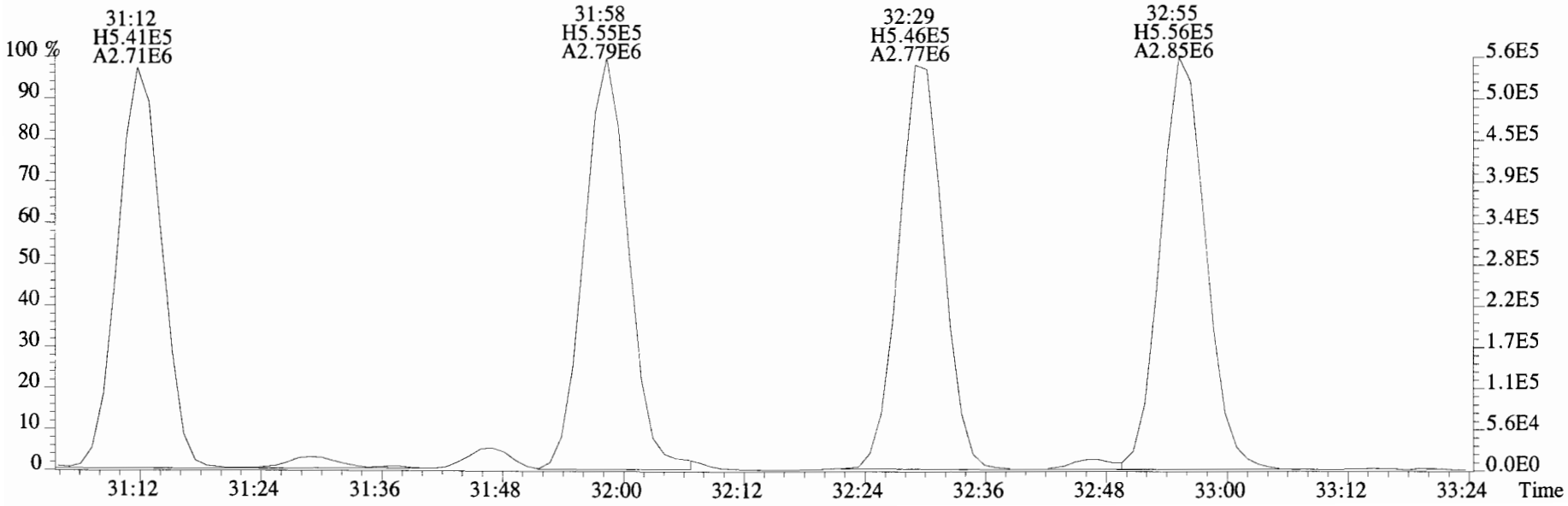
257.9584 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3400.0,0.00%,F,F)



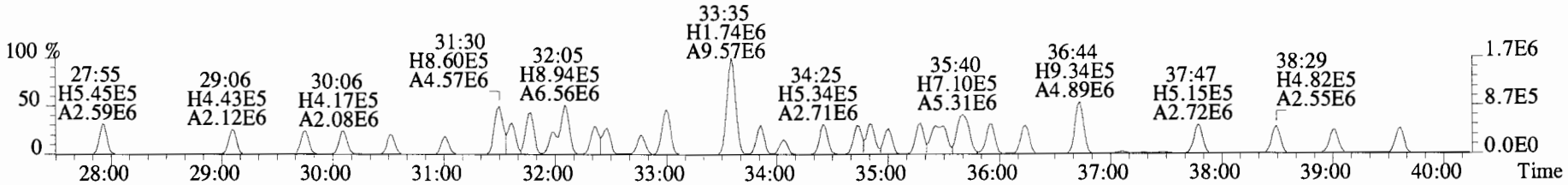
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
255.9613 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4104.0,0.00%,F,F)



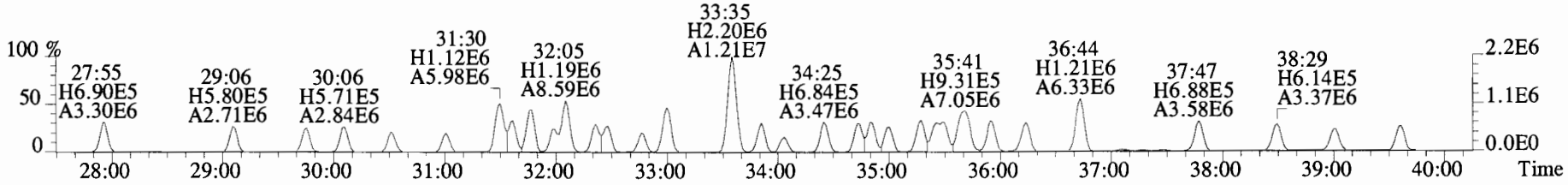
257.9584 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3400.0,0.00%,F,F)



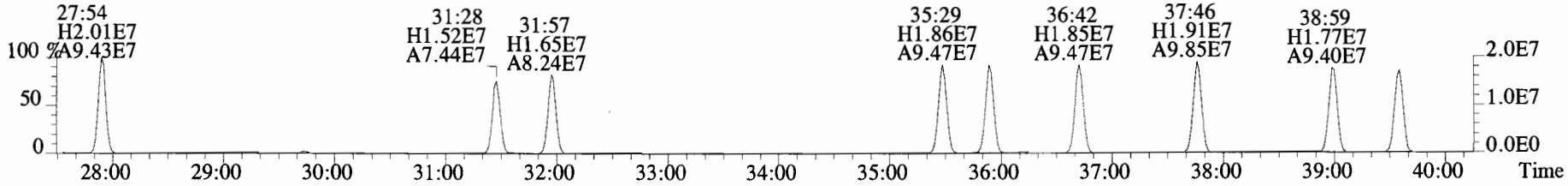
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3152.0,0.00%,F,F)



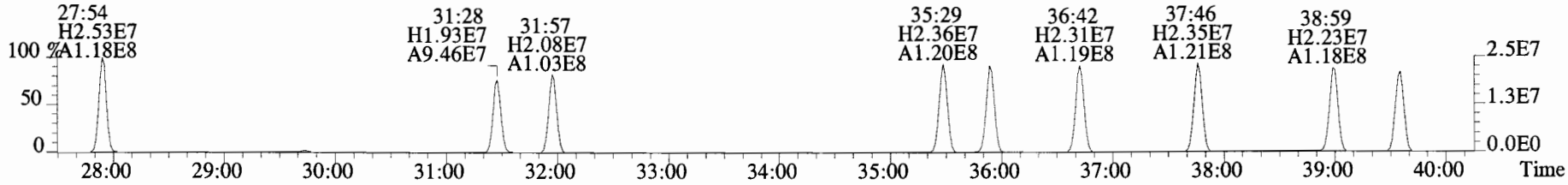
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3488.0,0.00%,F,F)



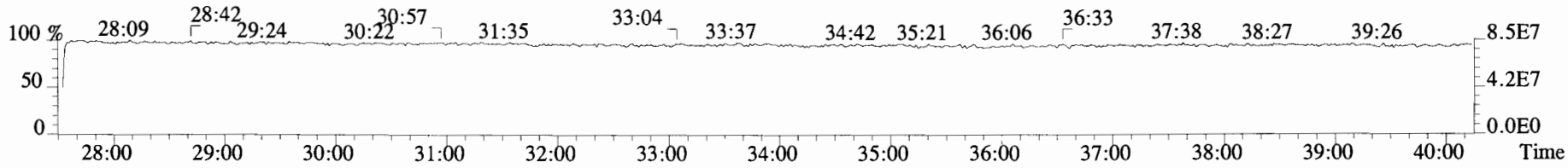
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39160.0,0.00%,F,F)



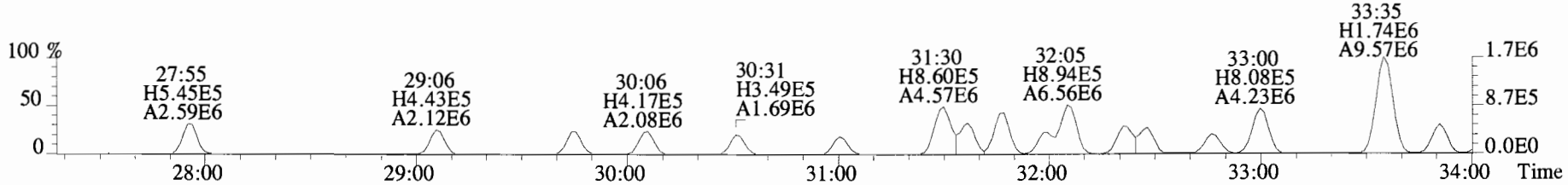
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22808.0,0.00%,F,F)



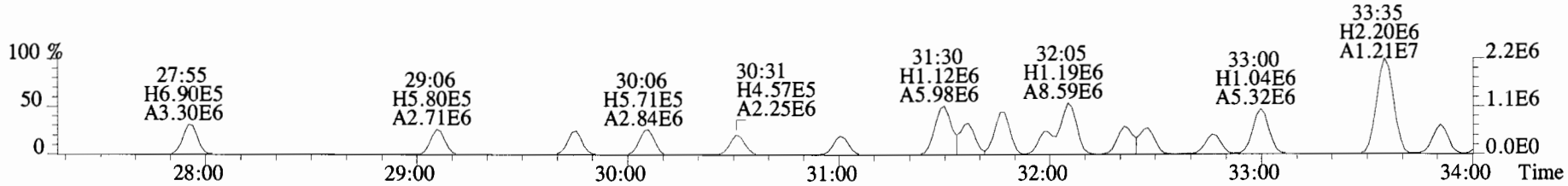
330.9792 S:3 F:3



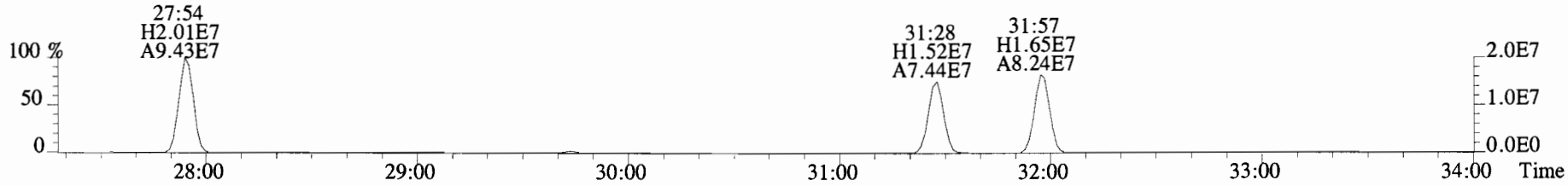
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3152.0,0.00%,F,F)



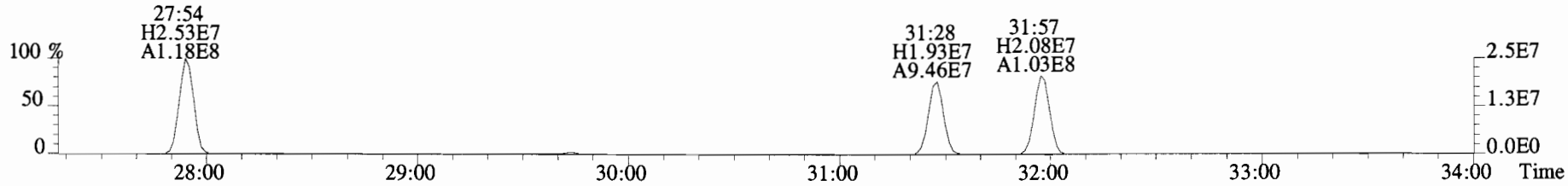
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3488.0,0.00%,F,F)



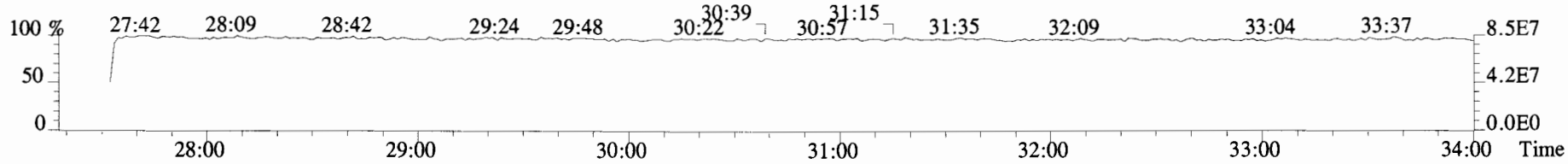
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39160.0,0.00%,F,F)



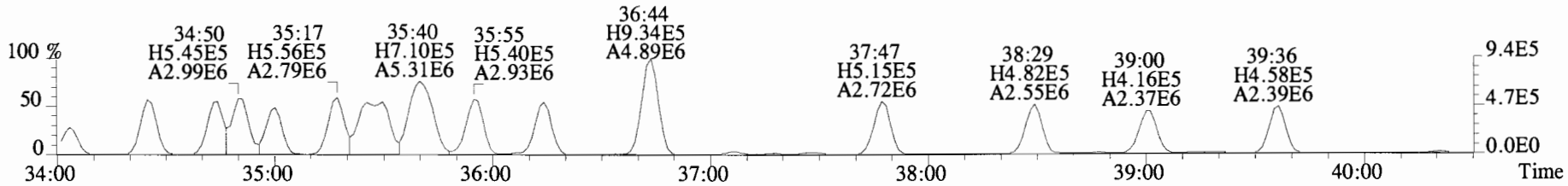
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22808.0,0.00%,F,F)



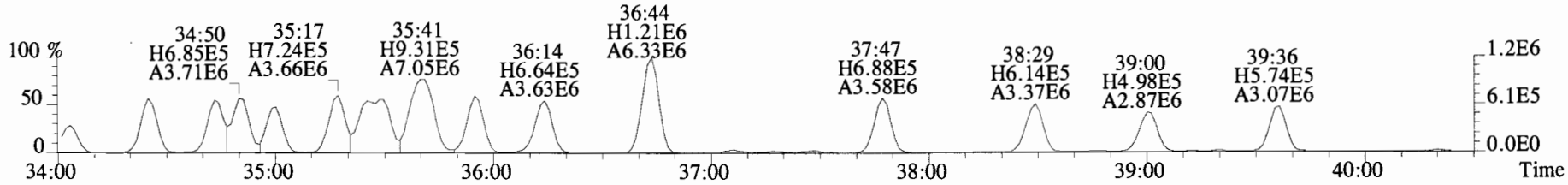
330.9792 S:3 F:3



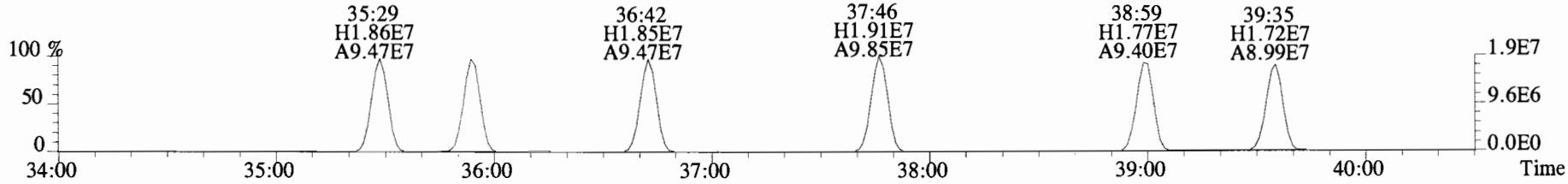
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3152.0,0.00%,F,F)



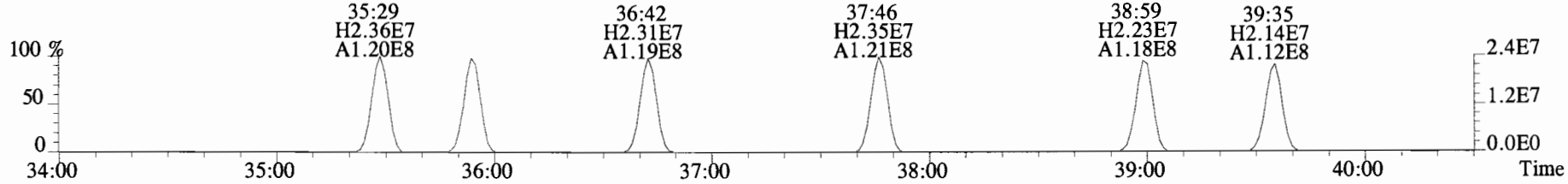
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3488.0,0.00%,F,F)



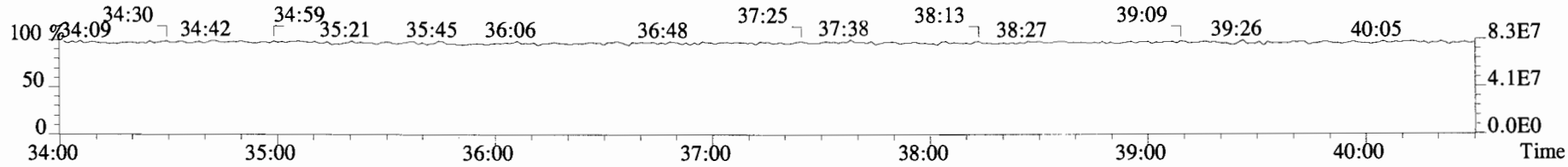
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39160.0,0.00%,F,F)



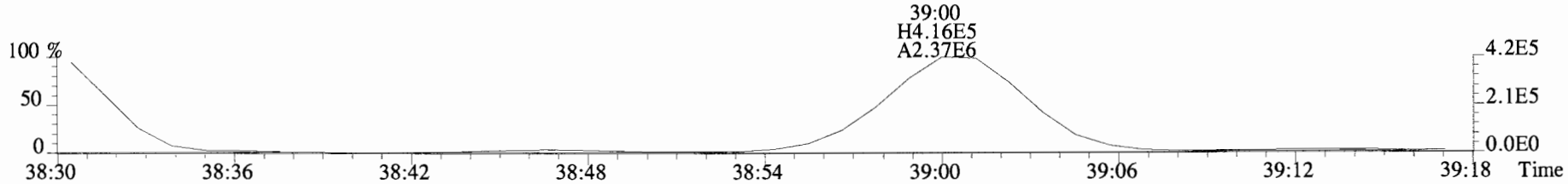
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22808.0,0.00%,F,F)



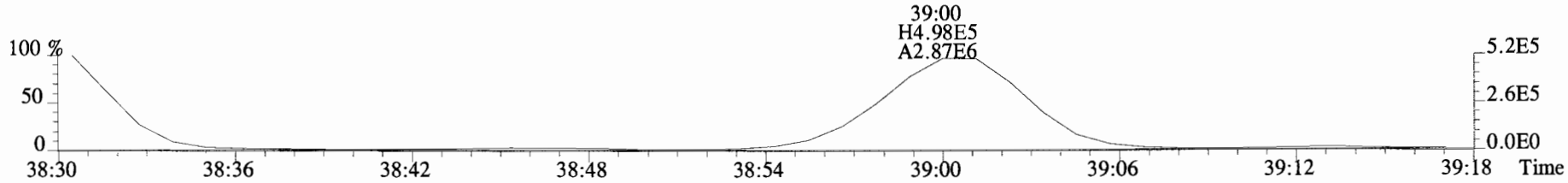
330.9792 S:3 F:3



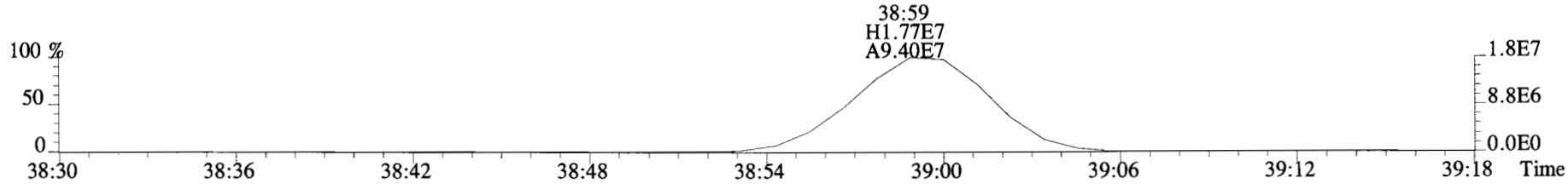
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3152.0,0.00%,F,F)



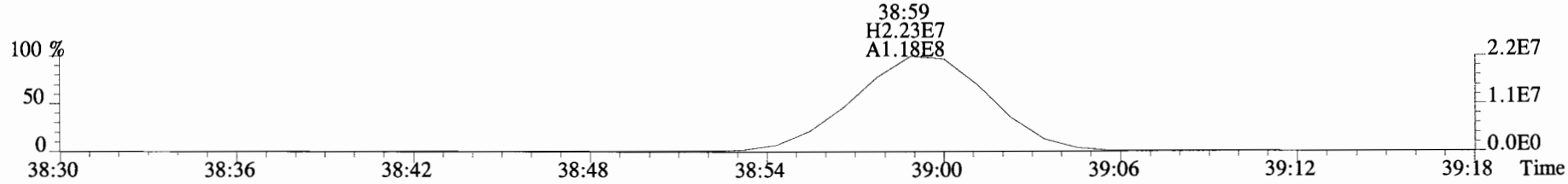
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3488.0,0.00%,F,F)



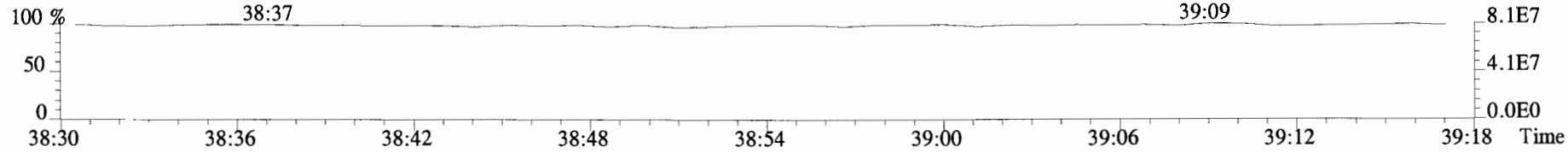
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39160.0,0.00%,F,F)



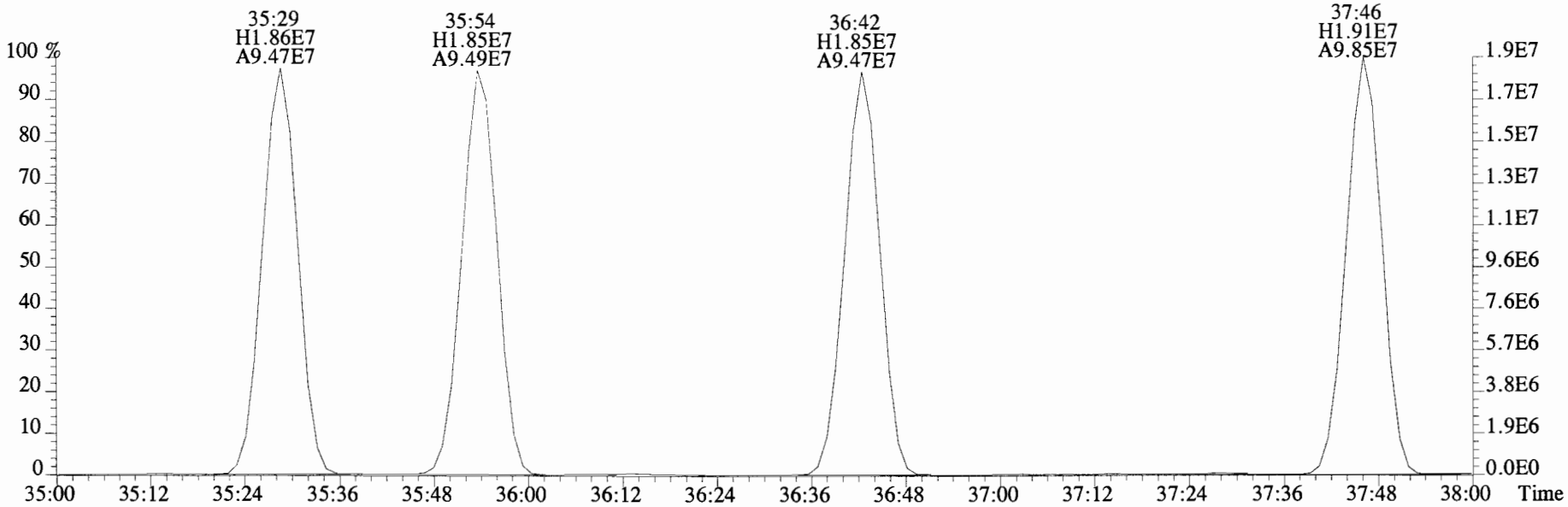
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22808.0,0.00%,F,F)



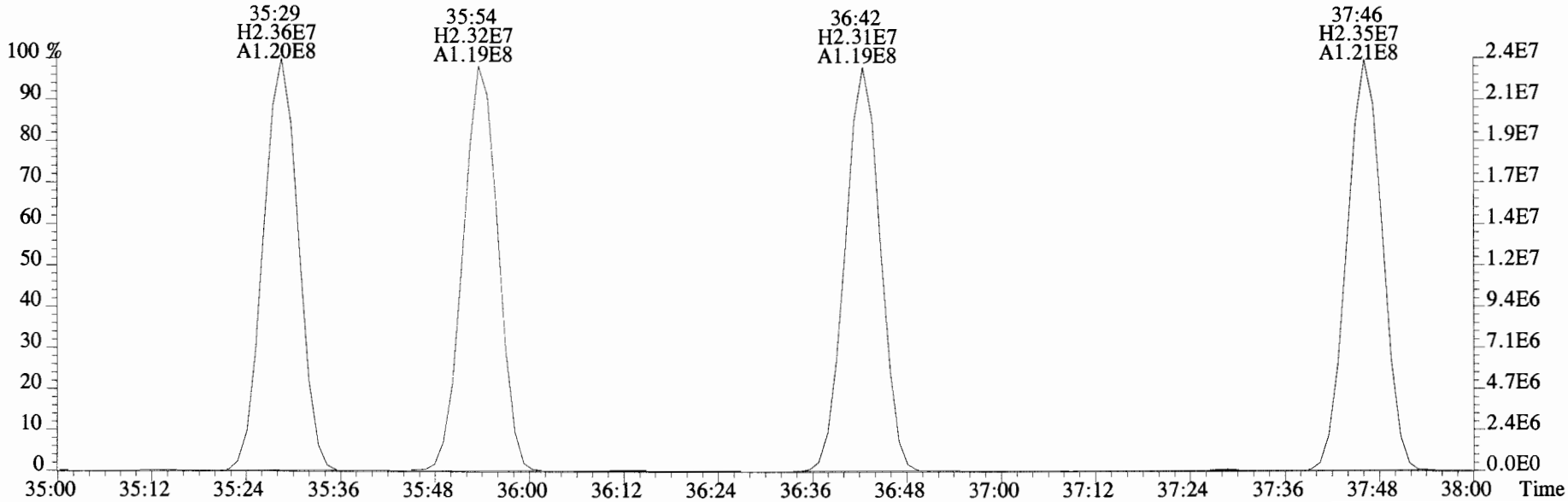
330.9792 S:3 F:3



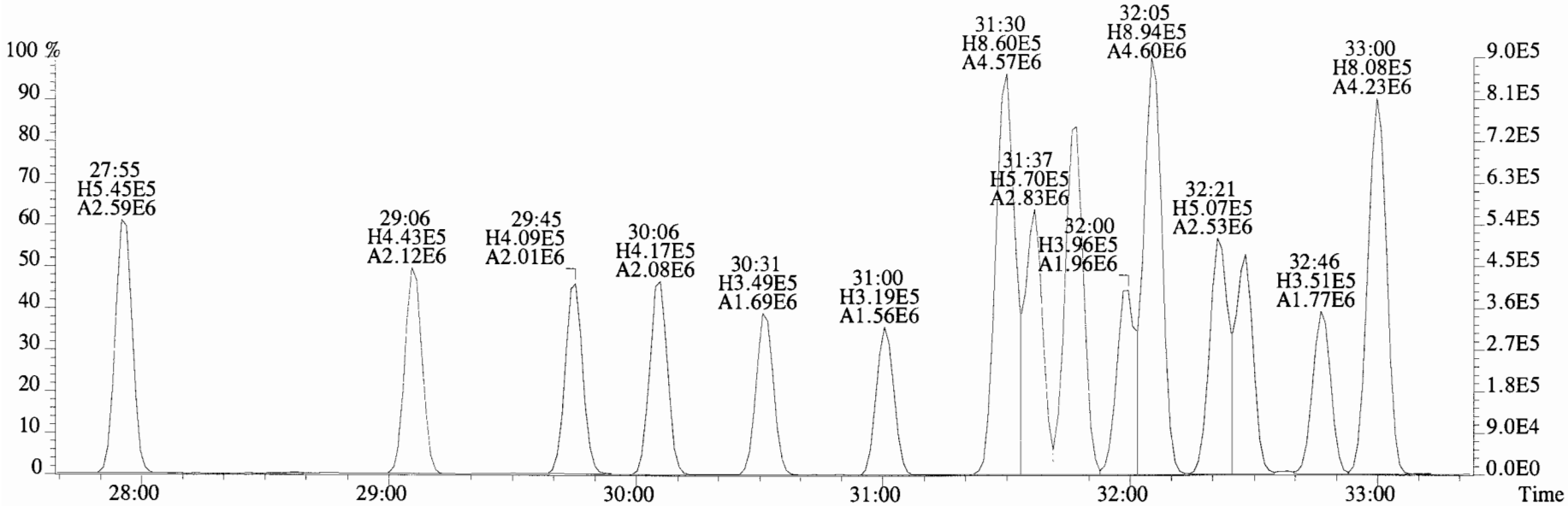
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39160.0,0.00%,F,F)



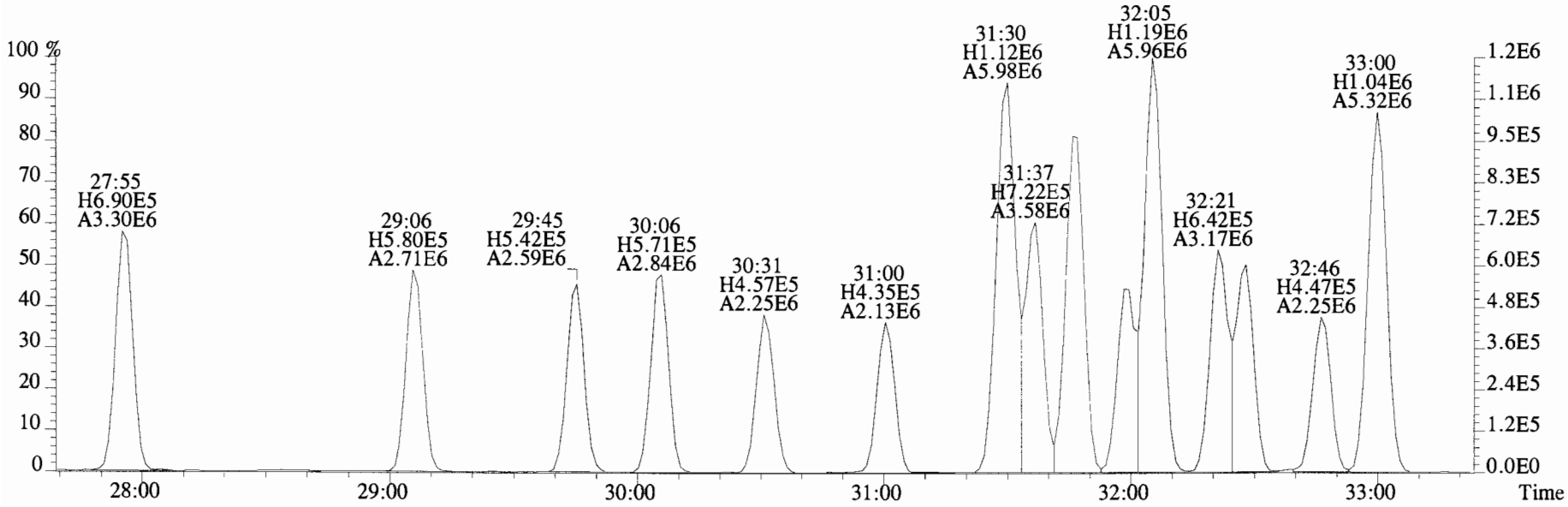
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22808.0,0.00%,F,F)



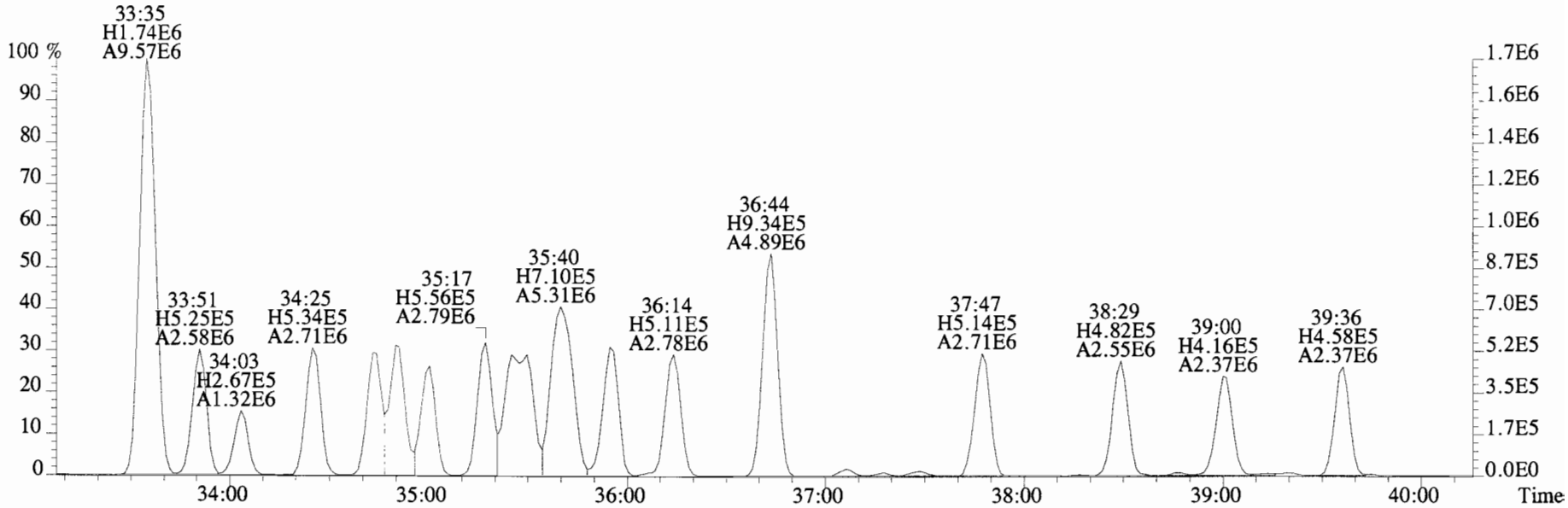
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3152.0,0.00%,F,F)



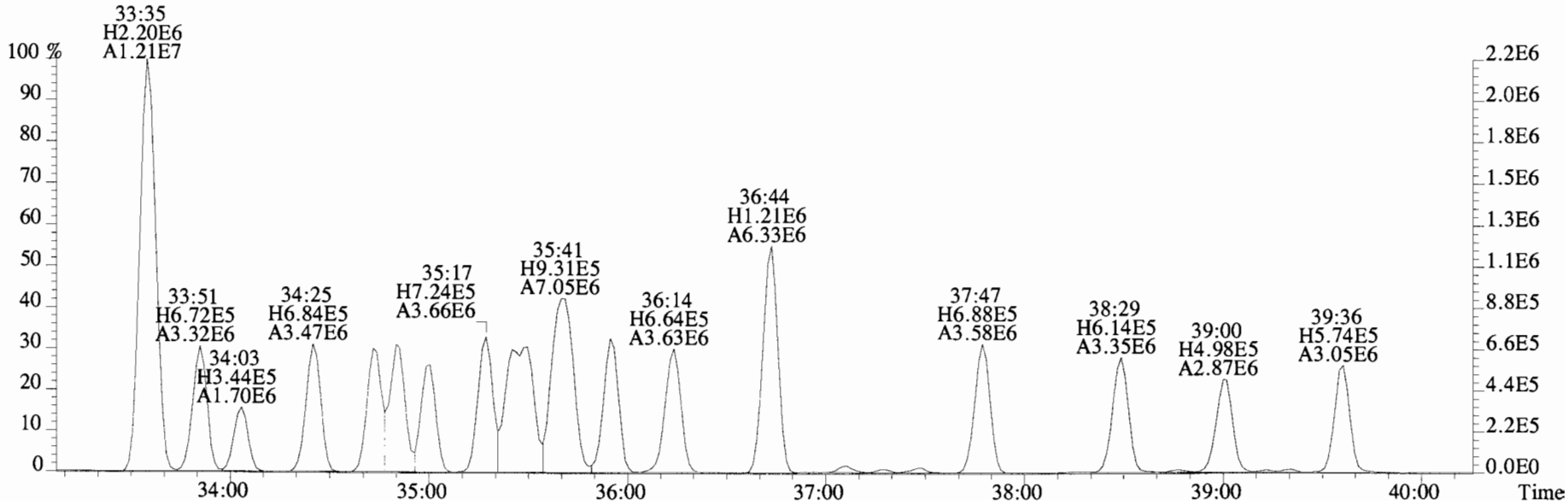
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3488.0,0.00%,F,F)



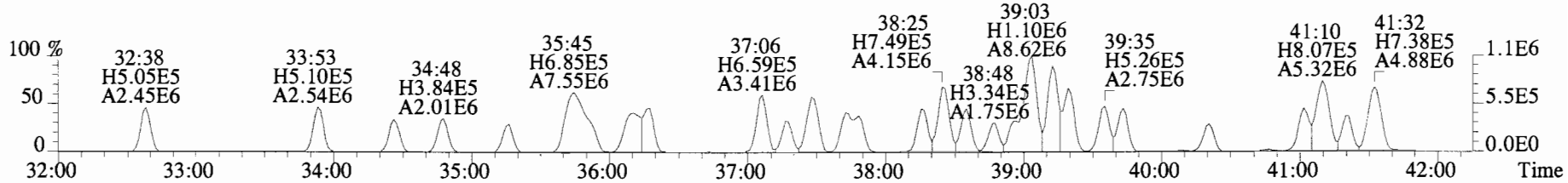
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3152.0,0.00%,F,F)



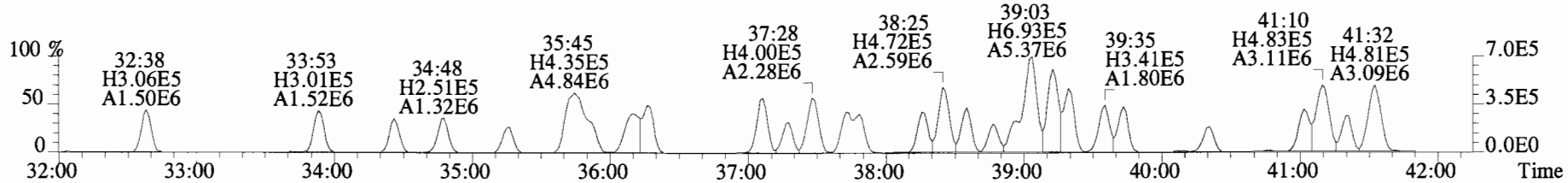
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3488.0,0.00%,F,F)



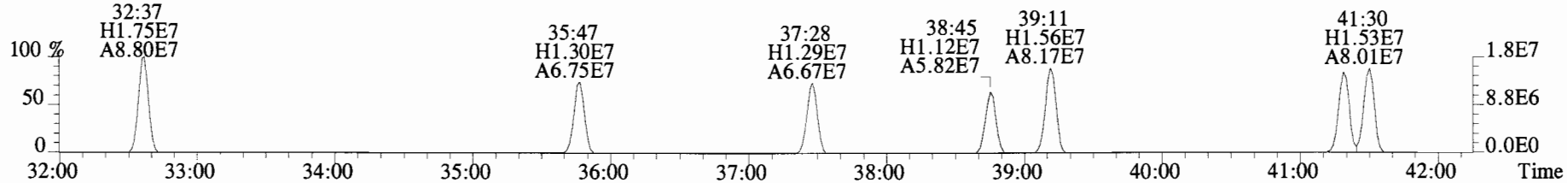
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2084.0,0.00%,F,F)



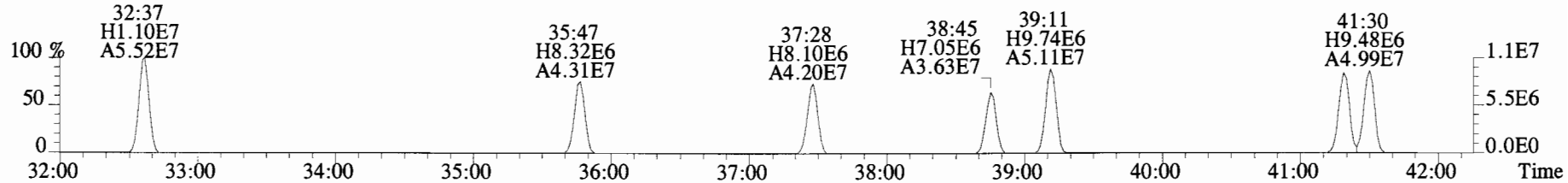
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2224.0,0.00%,F,F)



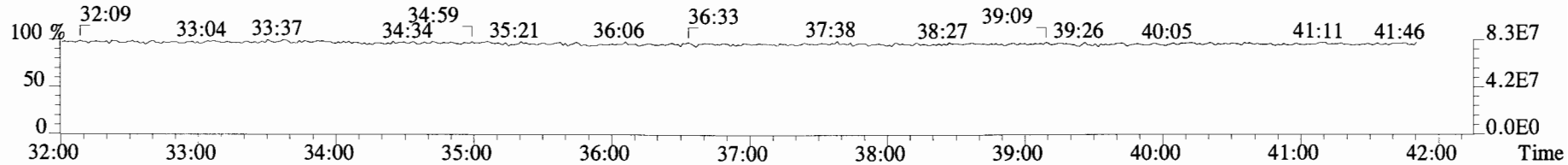
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4520.0,0.00%,F,F)



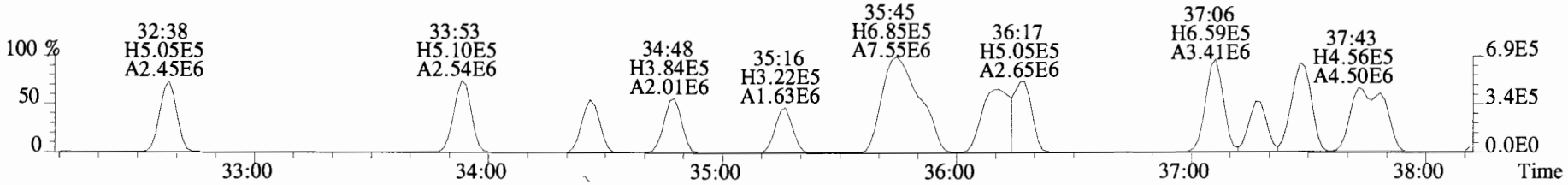
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4420.0,0.00%,F,F)



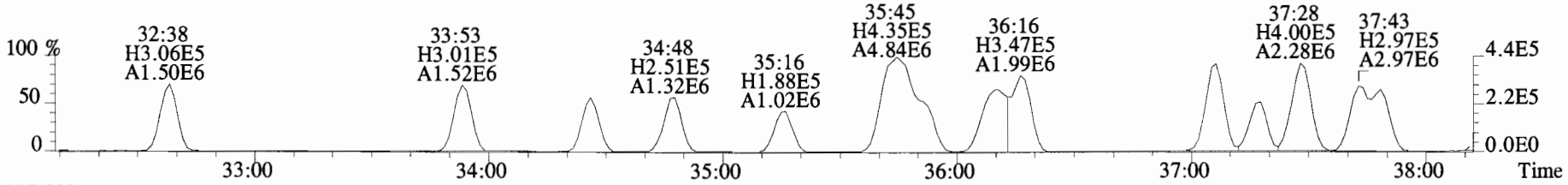
330.9792 S:3 F:3



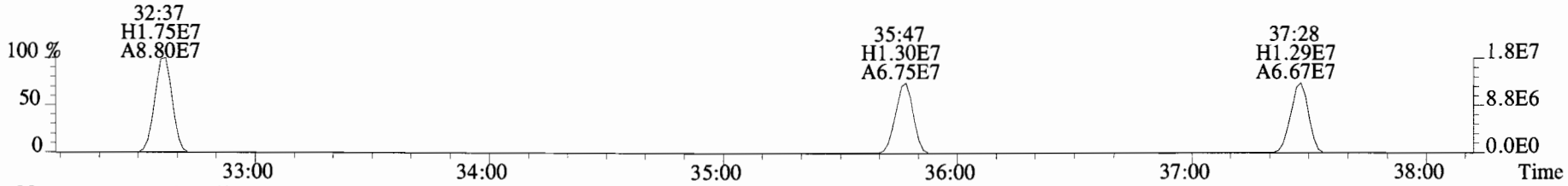
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2084.0,0.00%,F,F)



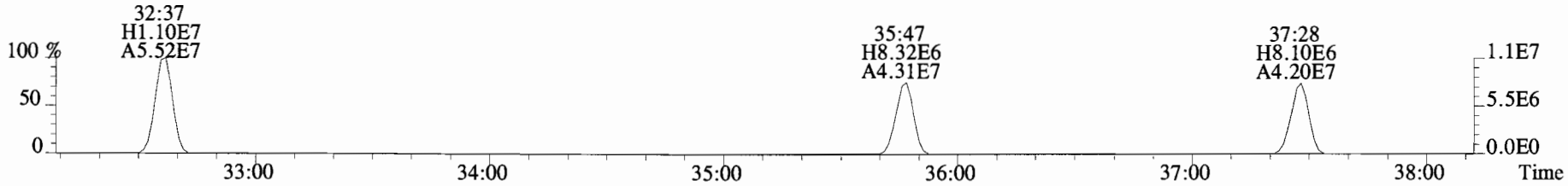
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2224.0,0.00%,F,F)



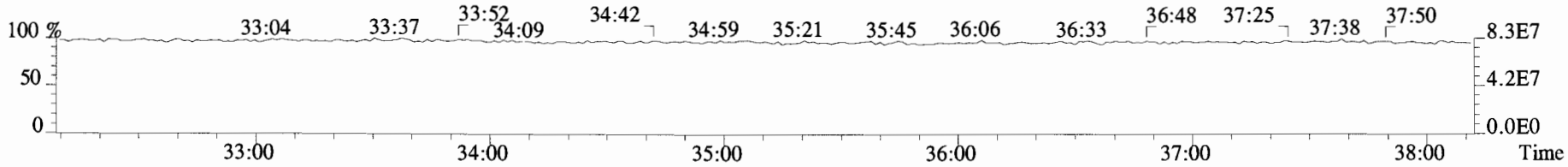
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4520.0,0.00%,F,F)



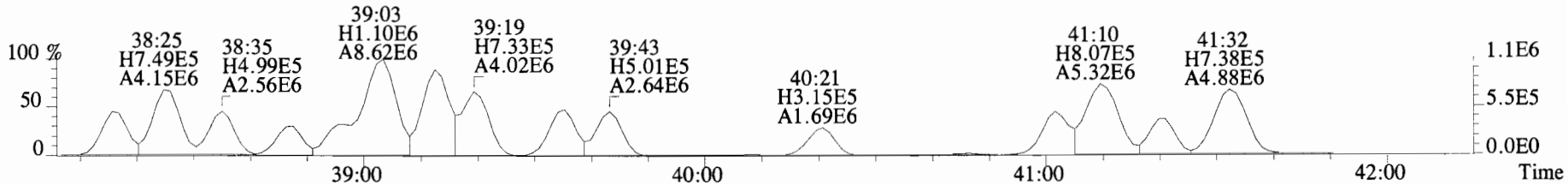
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4420.0,0.00%,F,F)



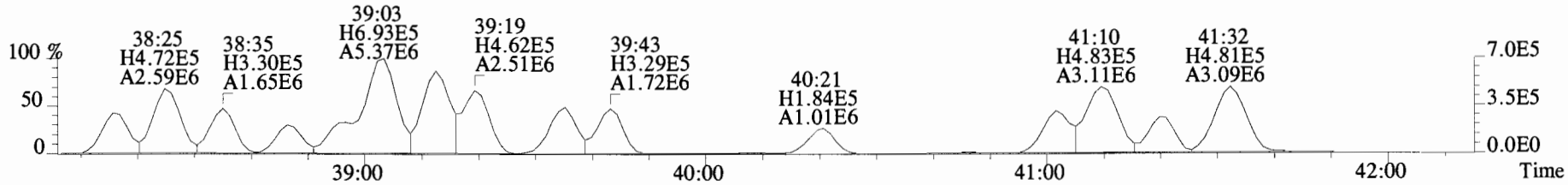
330.9792 S:3 F:3



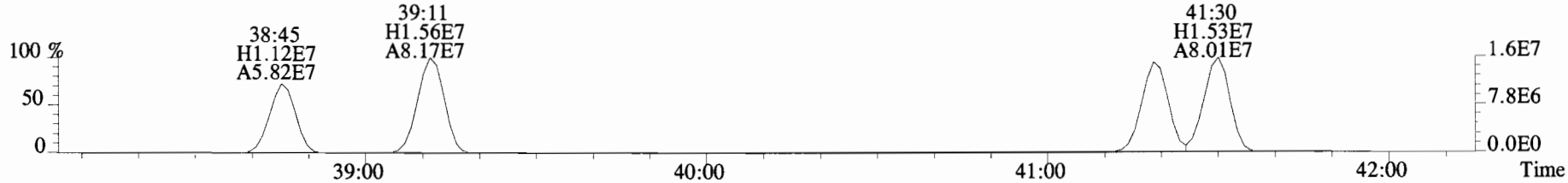
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2084.0,0.00%,F,F)



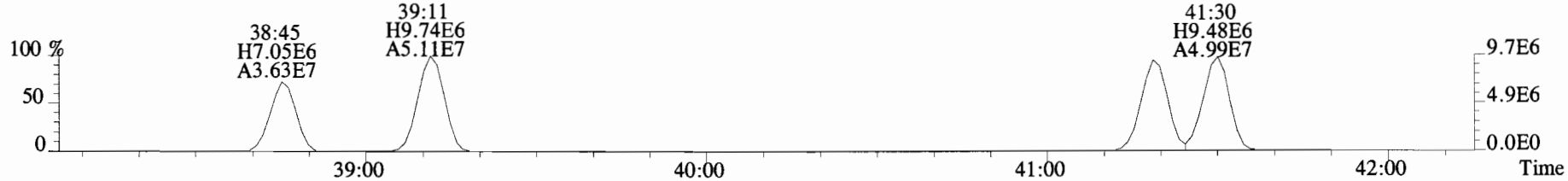
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2224.0,0.00%,F,F)



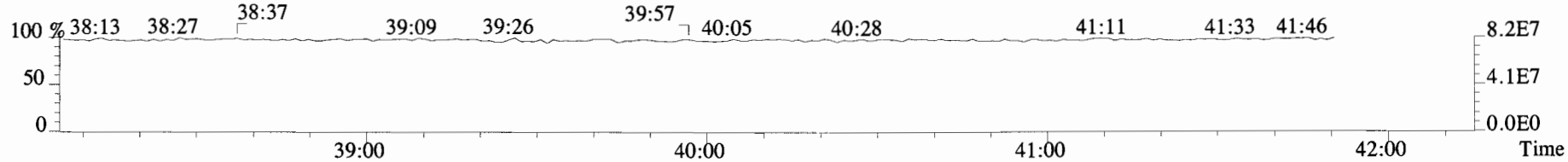
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4520.0,0.00%,F,F)



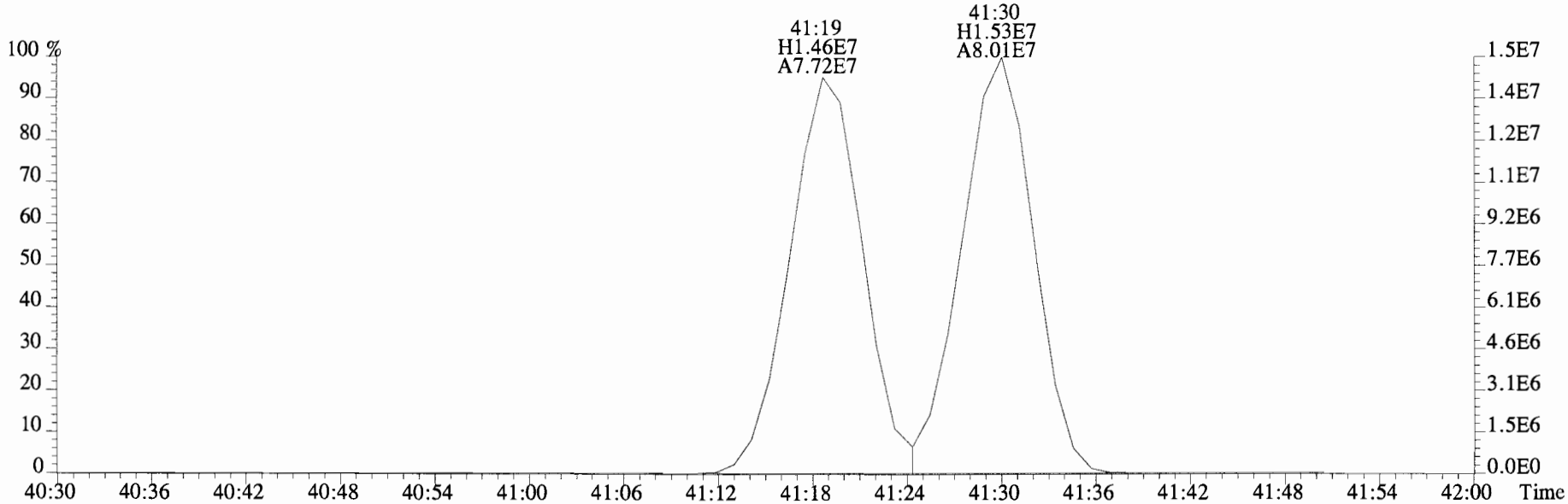
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4420.0,0.00%,F,F)



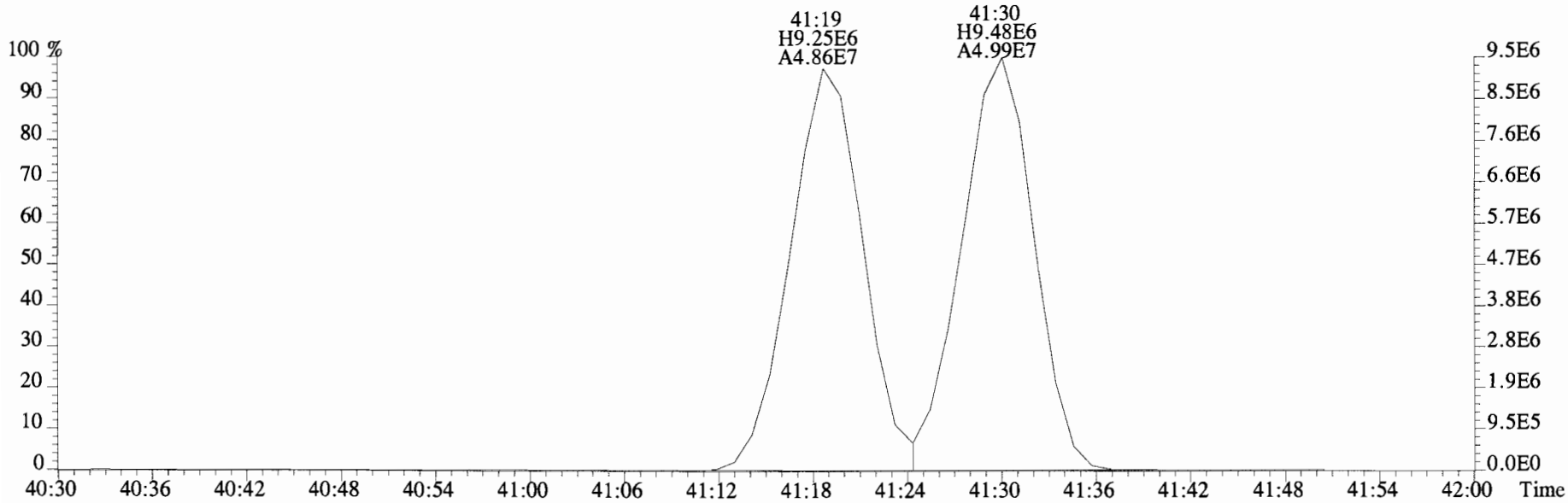
330.9792 S:3 F:3



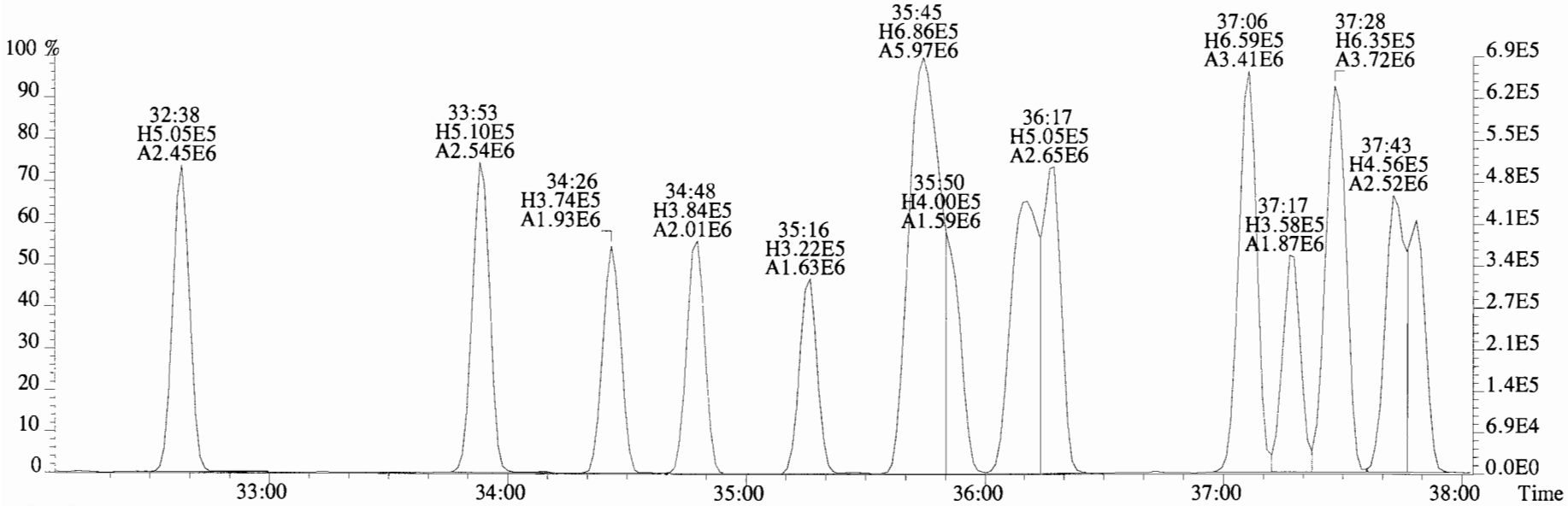
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4520.0,0.00%,F,F)



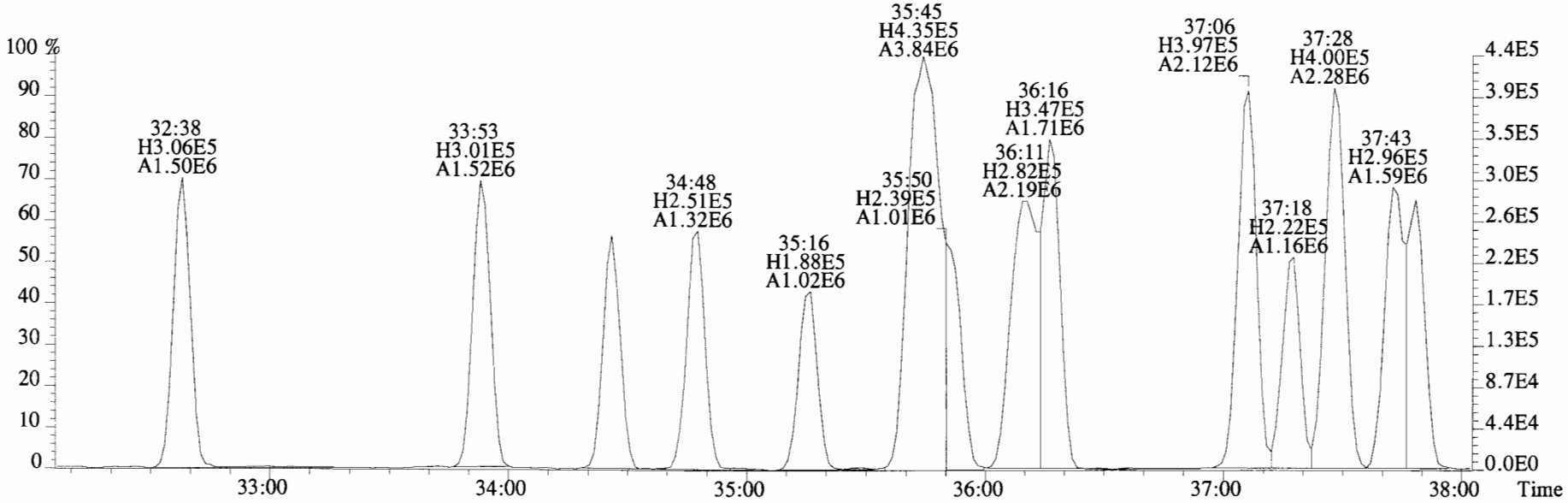
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4420.0,0.00%,F,F)



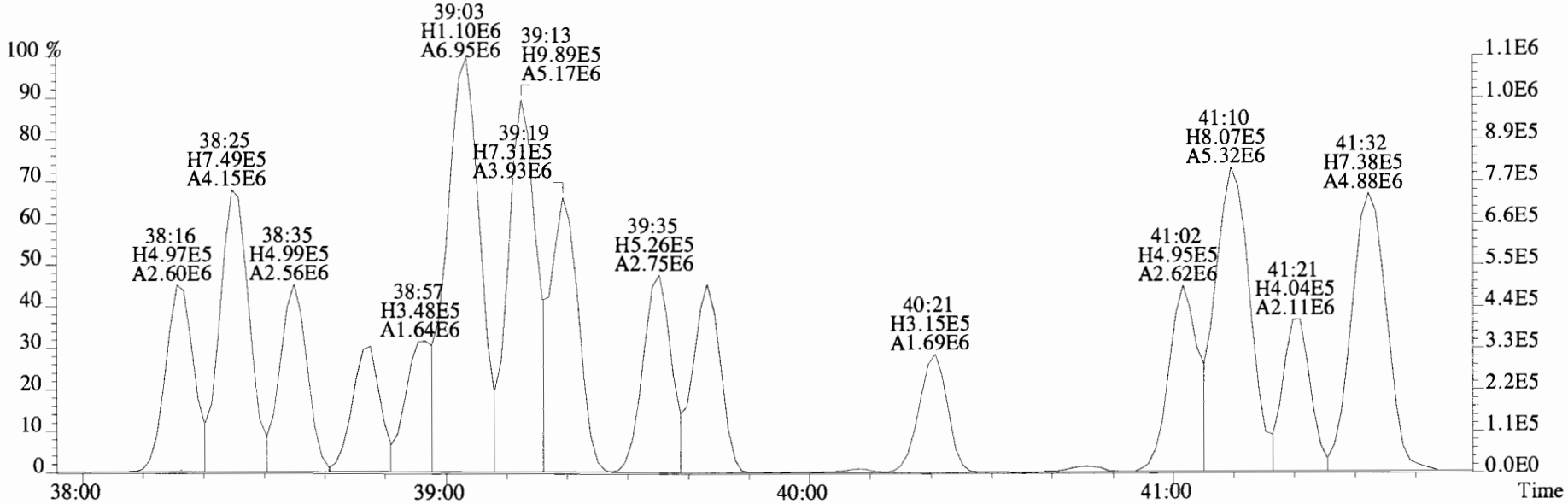
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2084.0,0.00%,F,F)



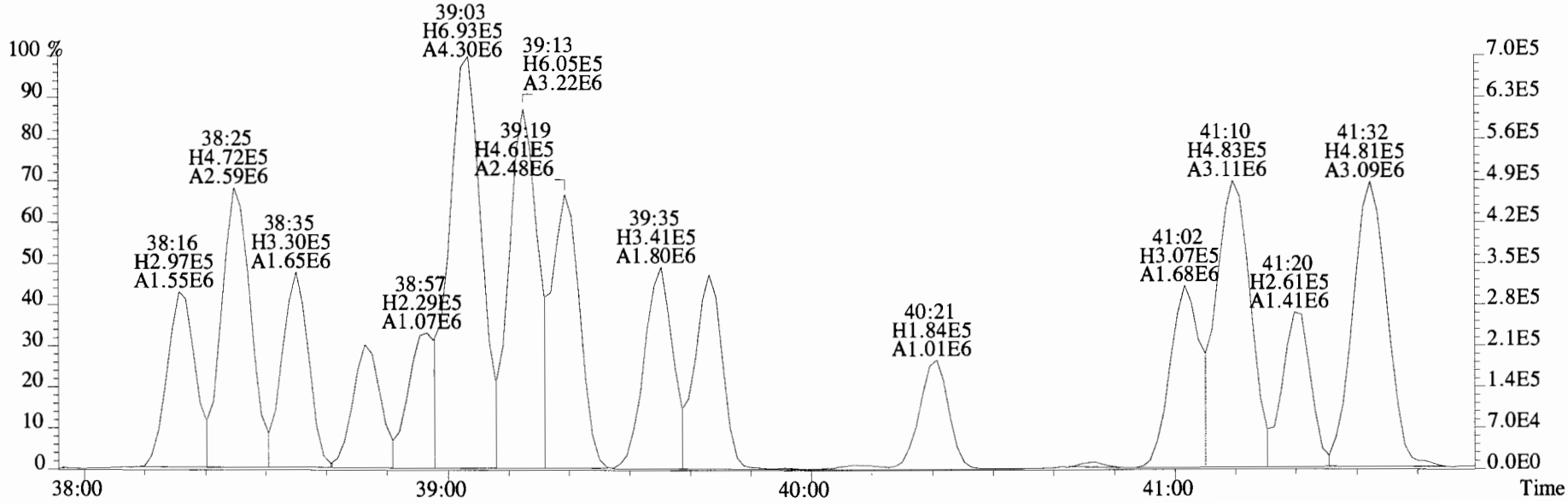
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2224.0,0.00%,F,F)



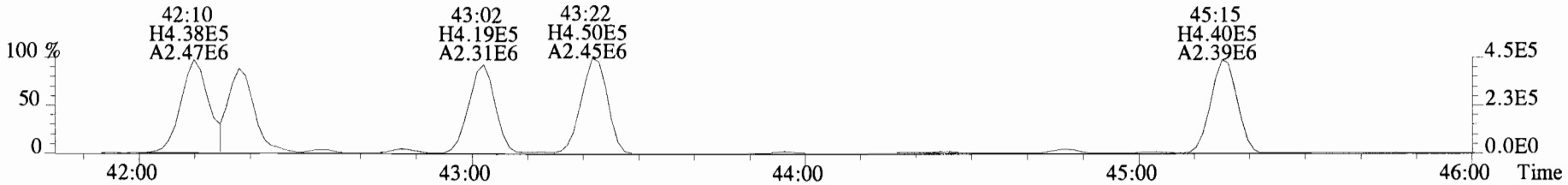
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2084.0,0.00%,F,F)



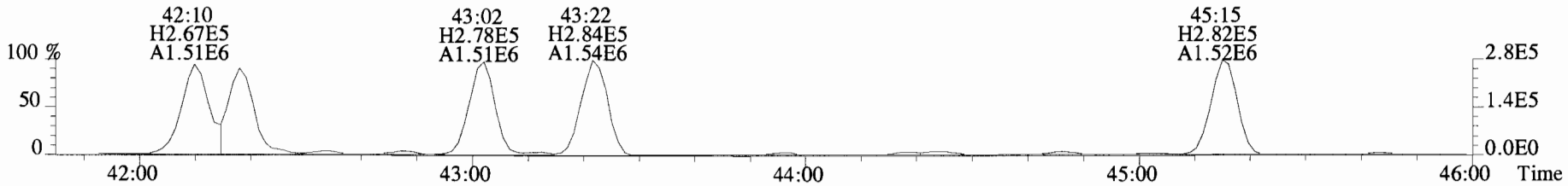
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2224.0,0.00%,F,F)



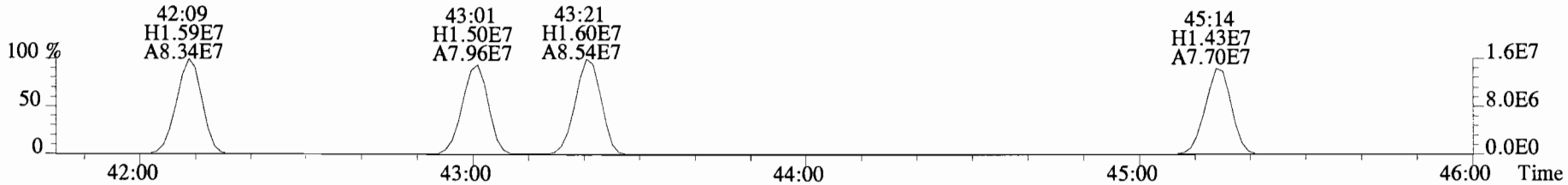
File:180208E1 #1-574 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
325.8804 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2204.0,0.00%,F,F)



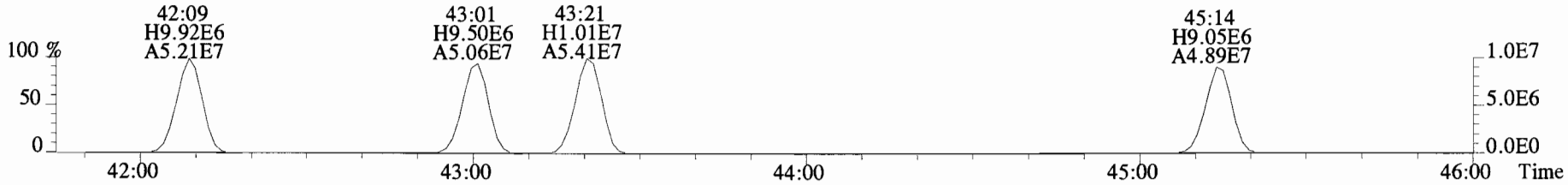
327.8775 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2344.0,0.00%,F,F)



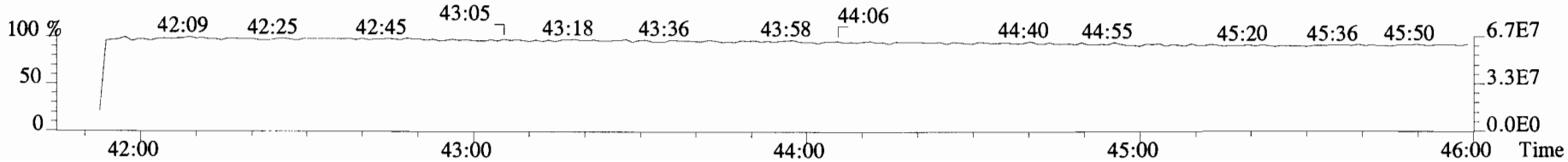
337.9207 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11840.0,0.00%,F,F)



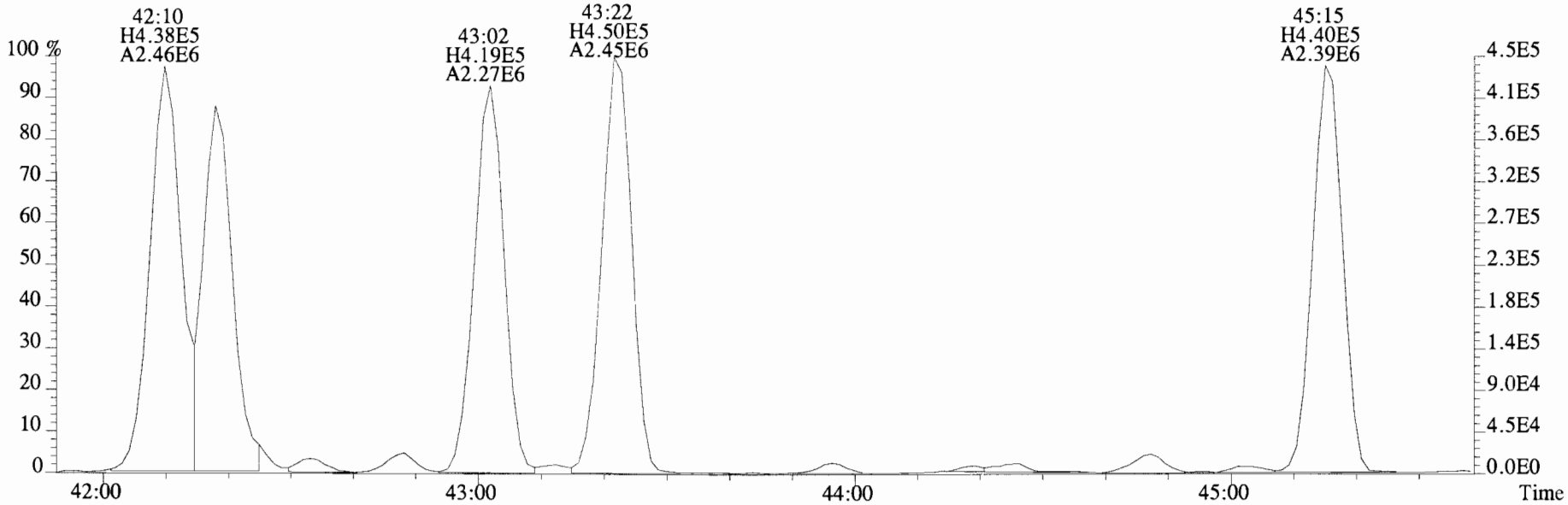
339.9177 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7184.0,0.00%,F,F)



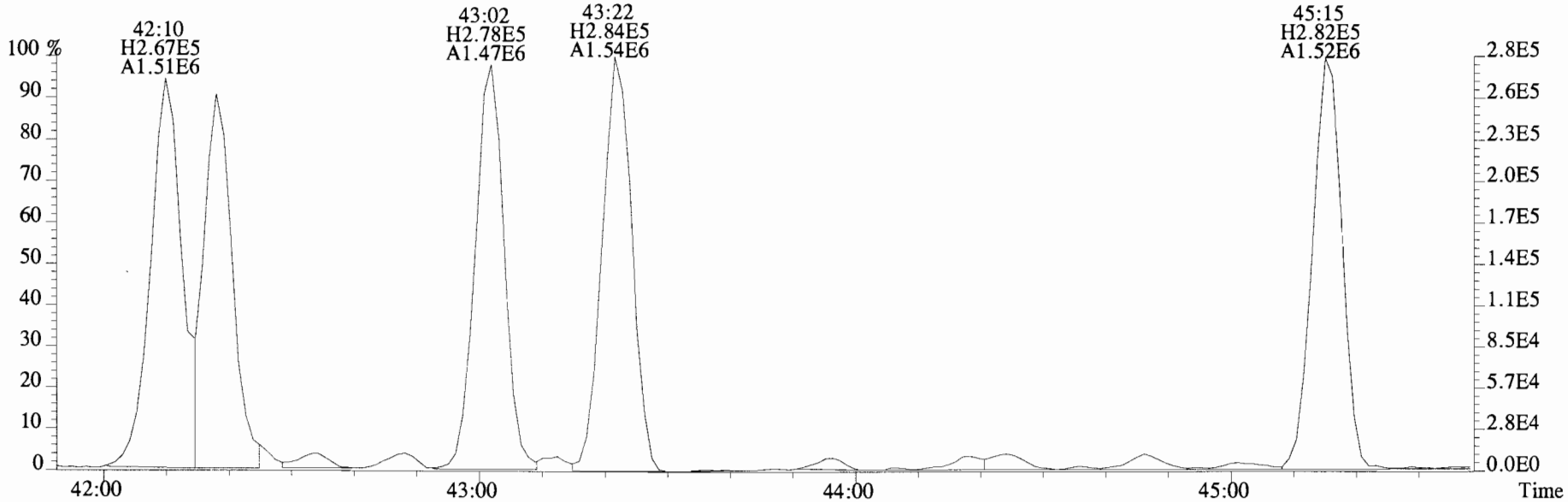
380.9760 S:3 F:4



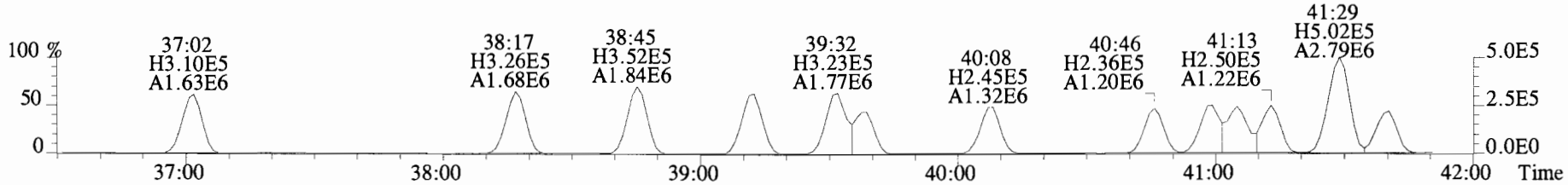
File:180208E1 #1-574 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
325.8804 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0)



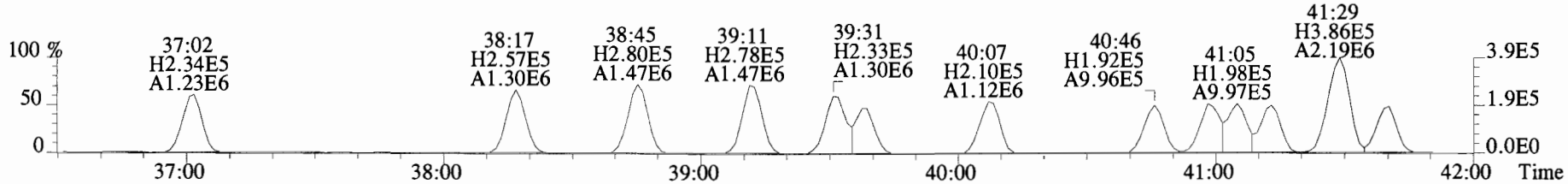
327.8775 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0)



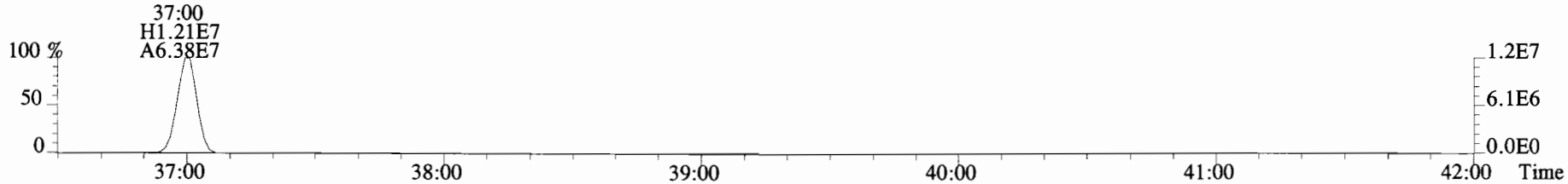
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
359.8415 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2036.0,0.00%,F,F)



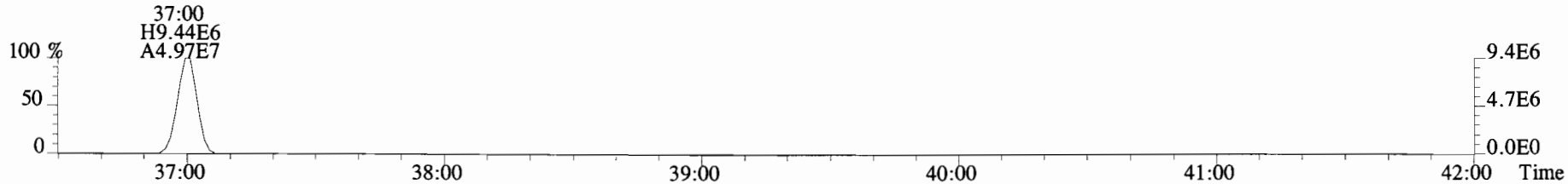
361.8385 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1896.0,0.00%,F,F)



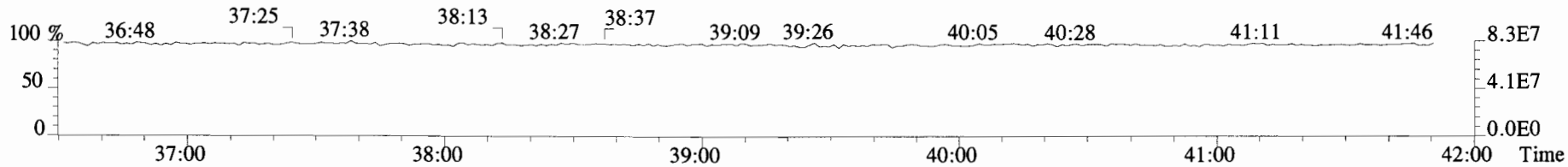
371.8817 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2324.0,0.00%,F,F)



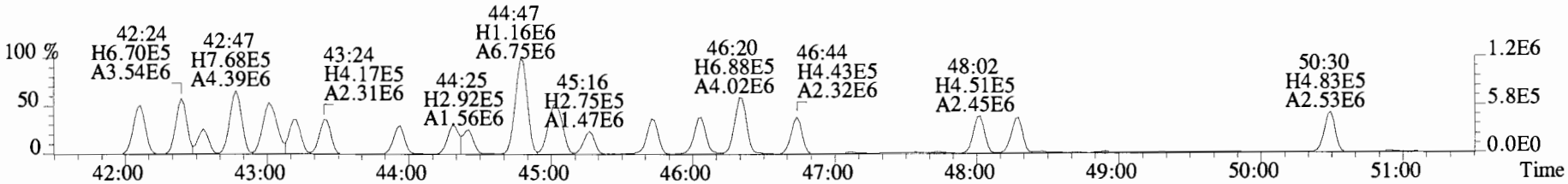
373.8788 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2612.0,0.00%,F,F)



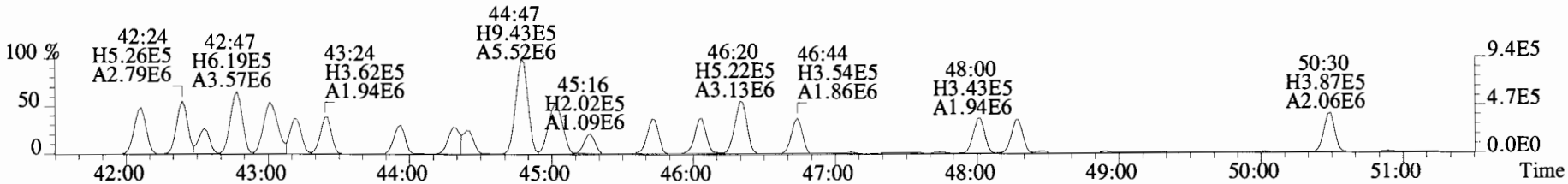
330.9792 S:3 F:3



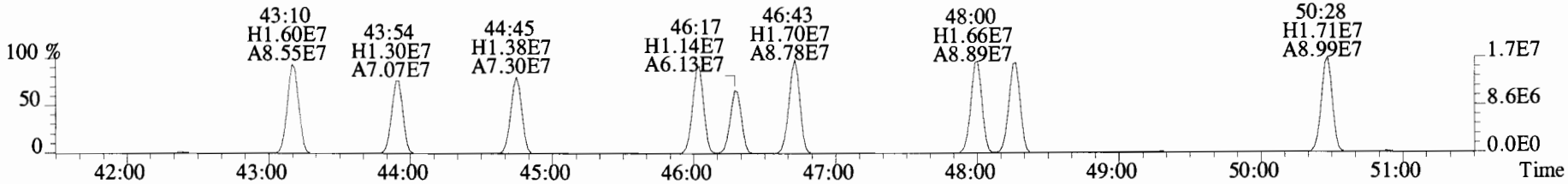
File:180208E1 #1-574 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
359.8415 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3508.0,0.00%,F,F)



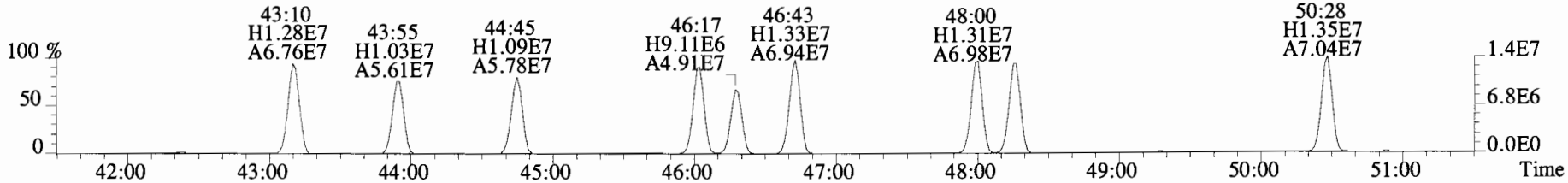
361.8385 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3712.0,0.00%,F,F)



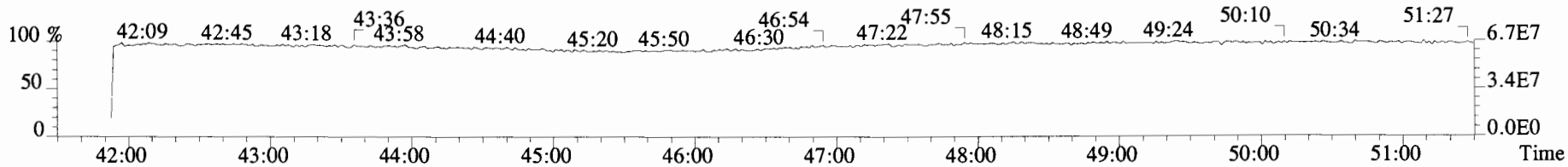
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19604.0,0.00%,F,F)



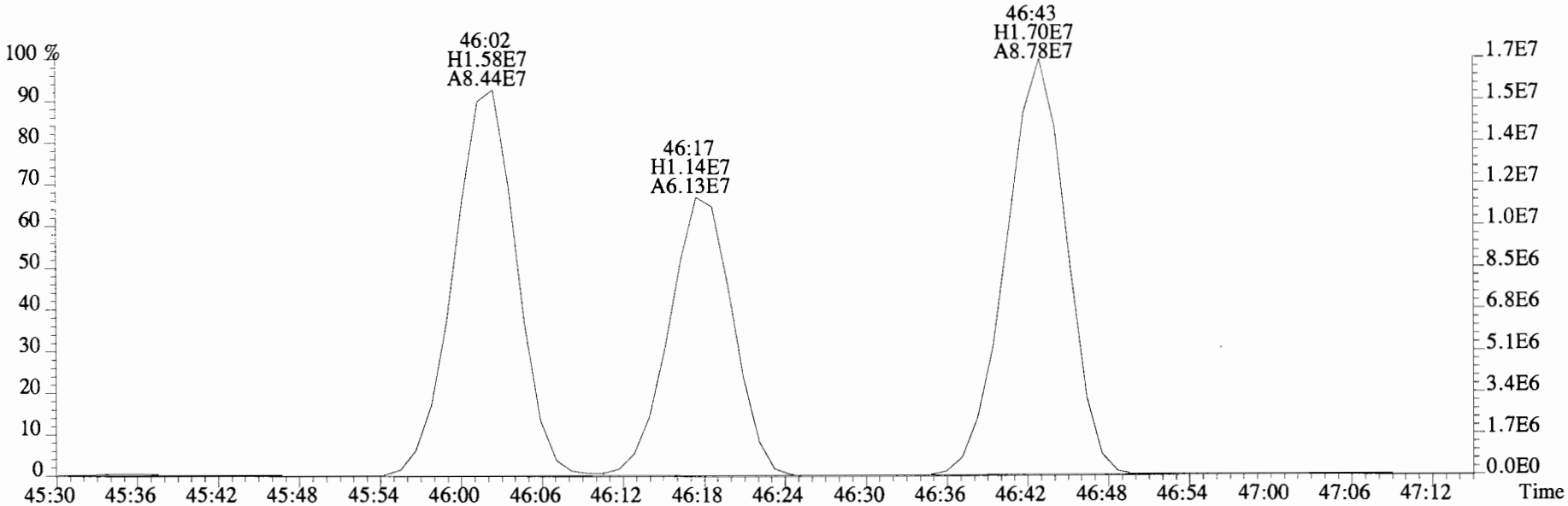
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19252.0,0.00%,F,F)



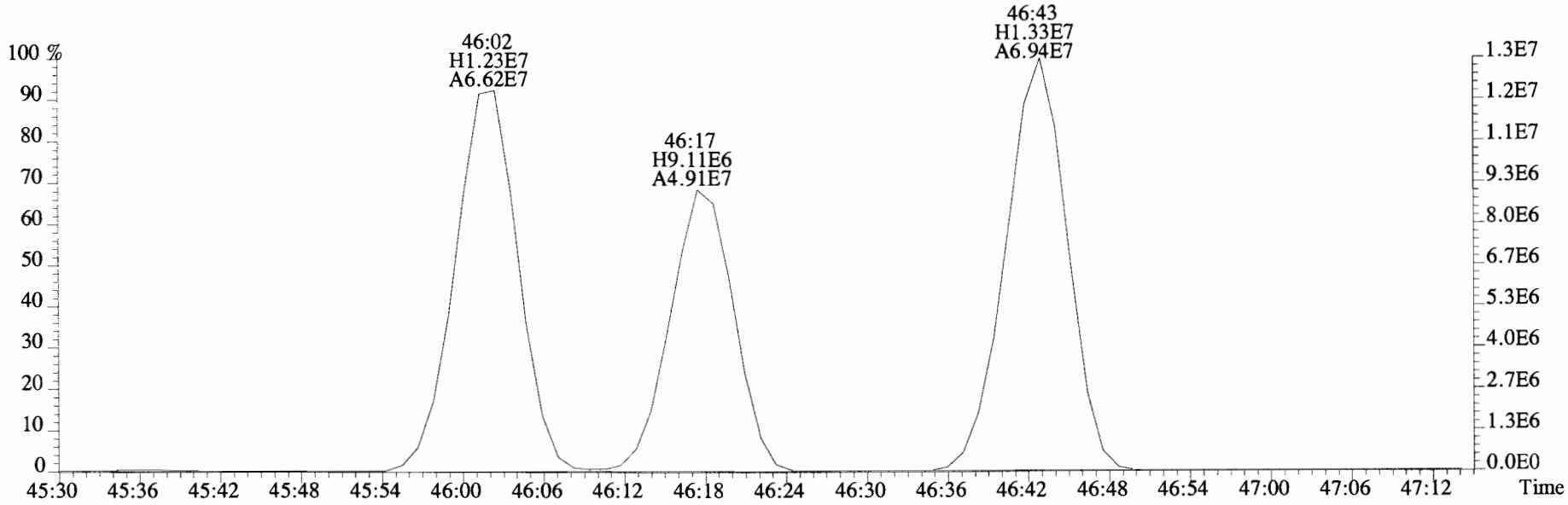
380.9760 S:3 F:4



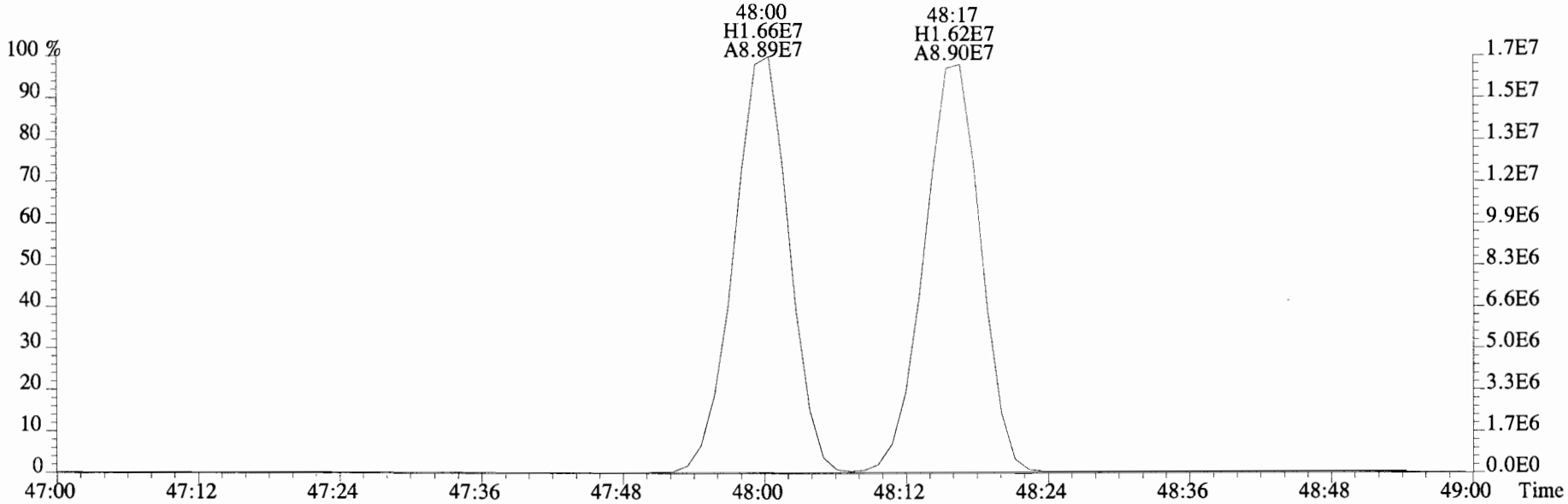
File:180208E1 #1-574 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19604.0,0.00%,F,F)



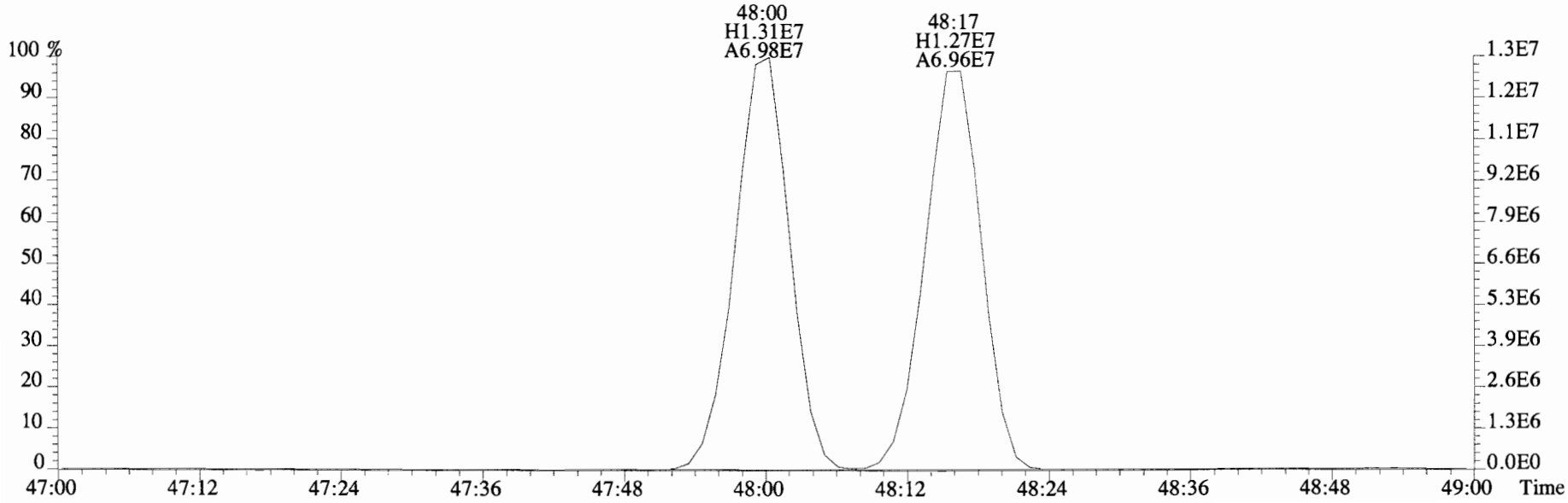
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19252.0,0.00%,F,F)



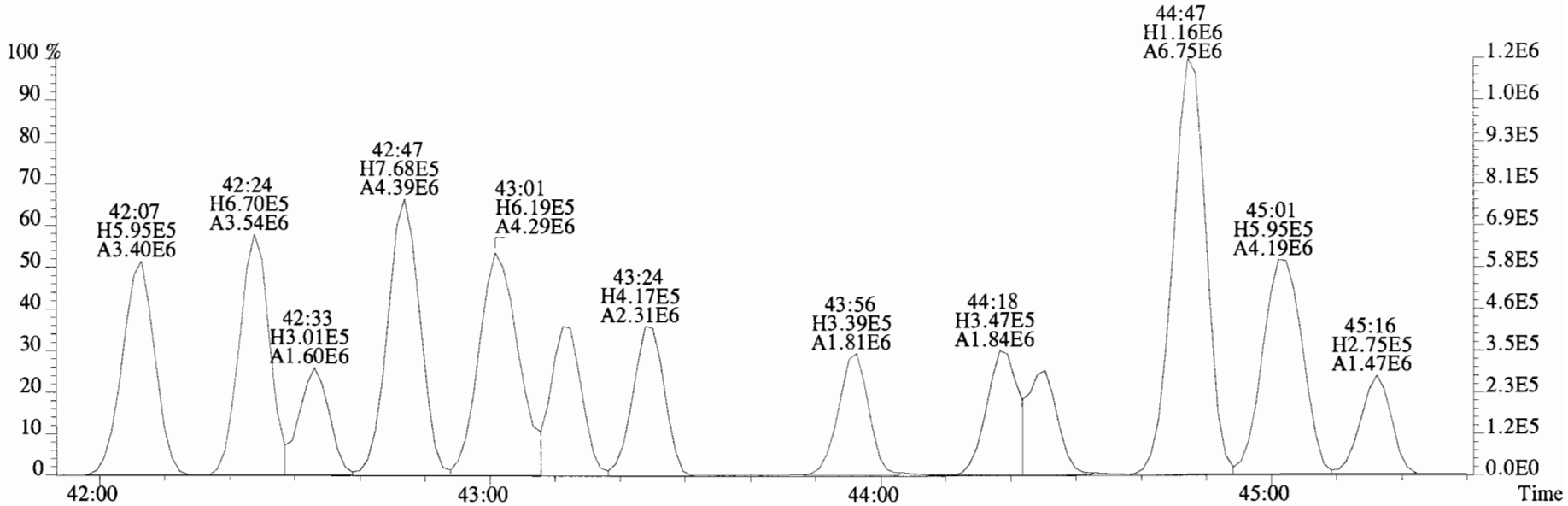
File:180208E1 #1-574 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19604.0,0.00%,F,F)



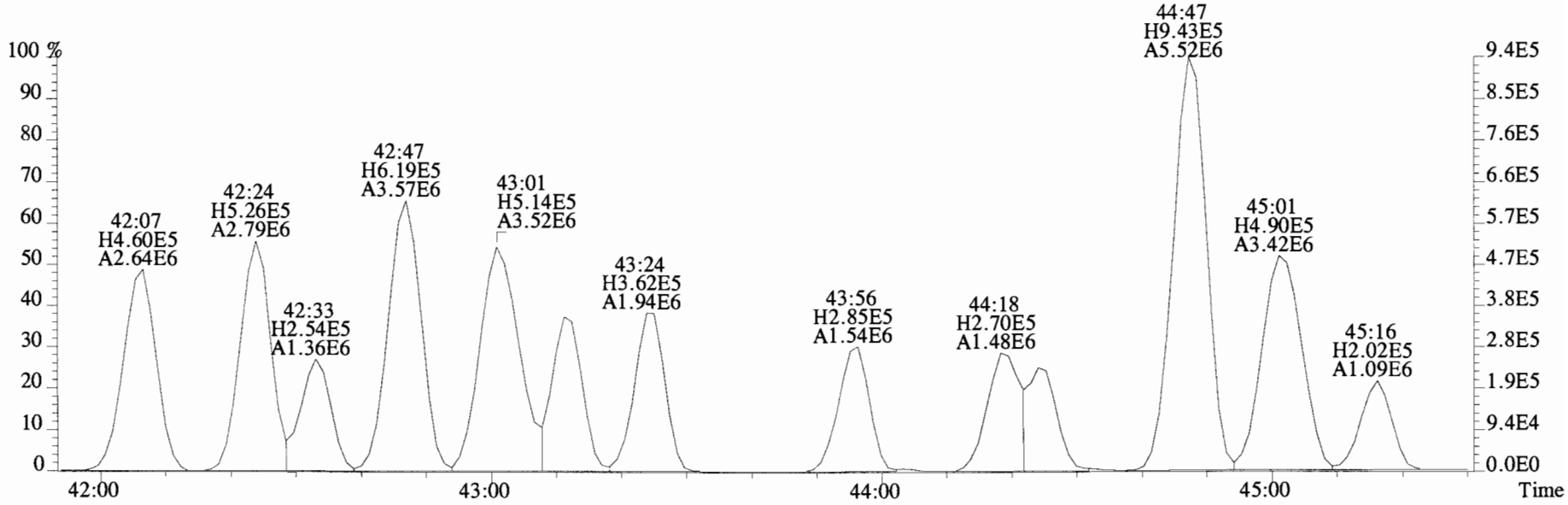
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19252.0,0.00%,F,F)



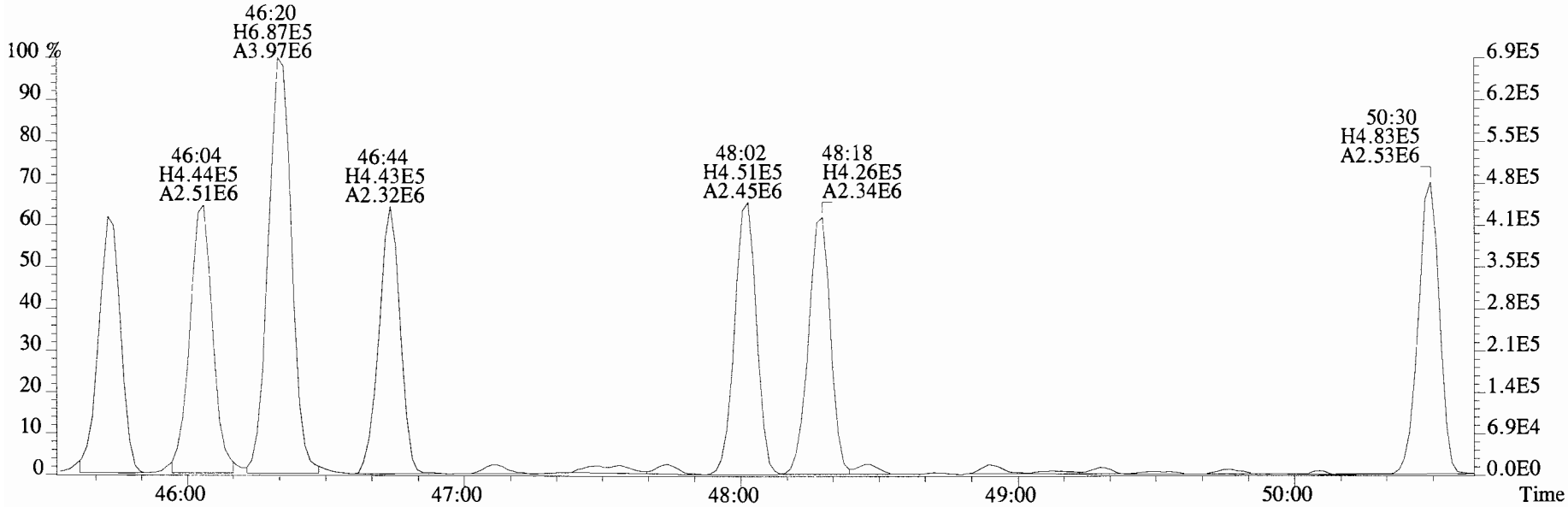
File:180208E1 #1-574 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
359.8415 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3508.0,0.00%,F,F)



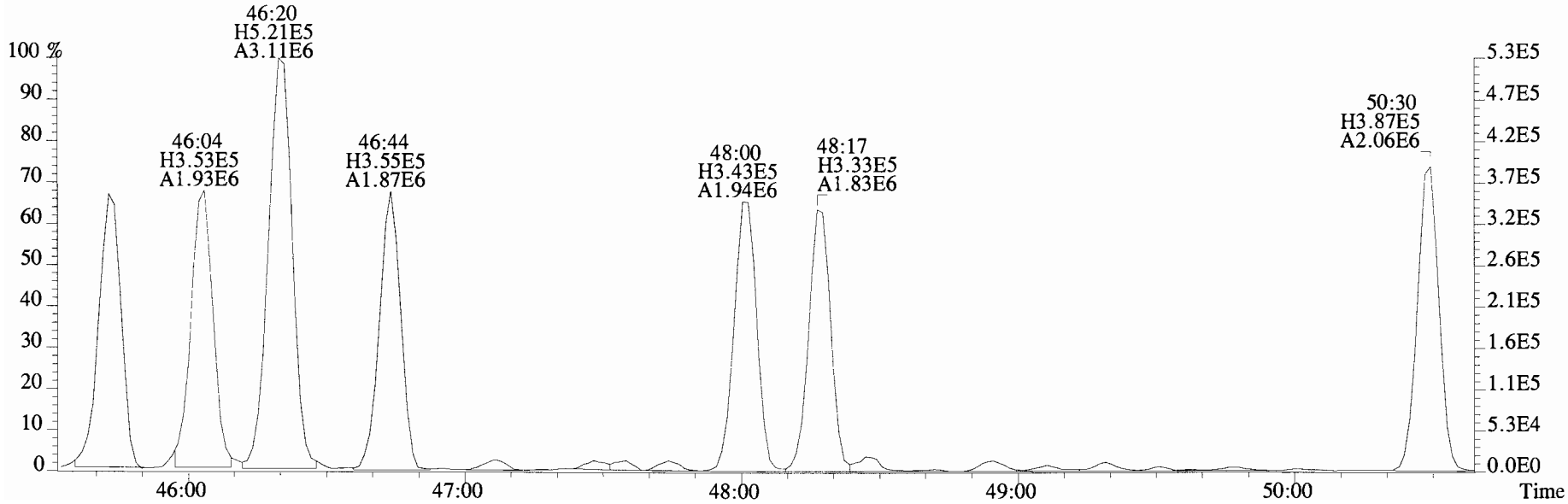
361.8385 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3712.0,0.00%,F,F)



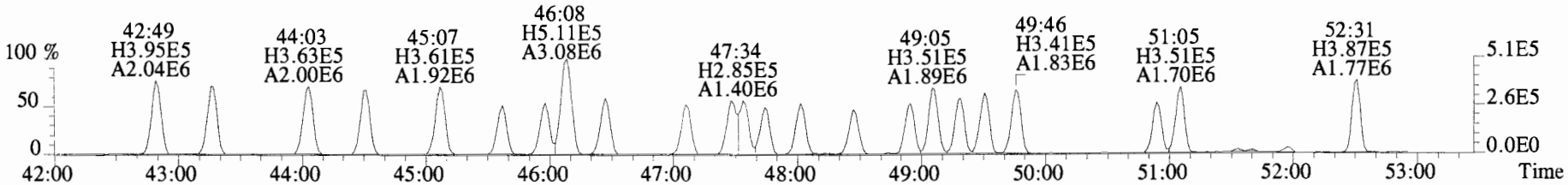
File:180208E1 #1-574 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
359.8415 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3508.0,0.00%,F,F)



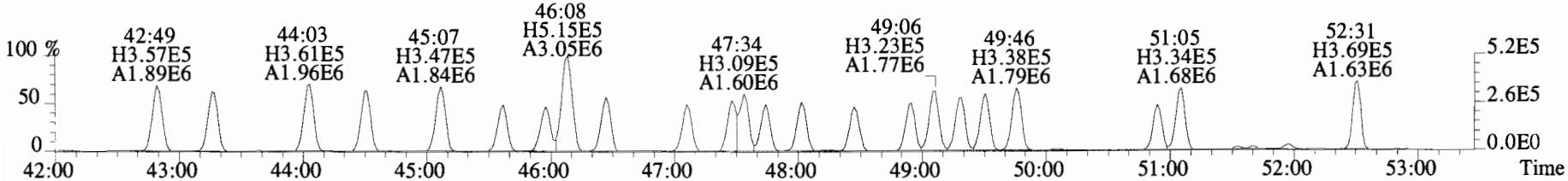
361.8385 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3712.0,0.00%,F,F)



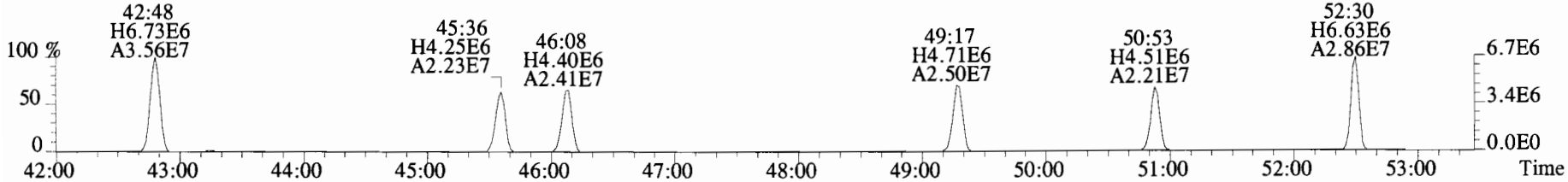
File:180208E1 #1-574 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
393.8025 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3968.0,0.00%,F,F)



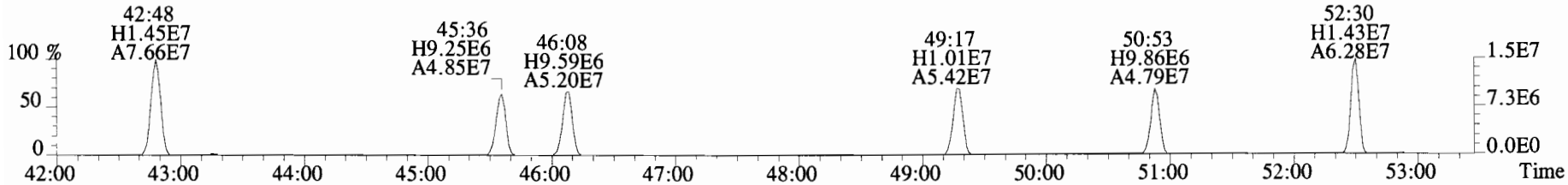
395.7995 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3332.0,0.00%,F,F)



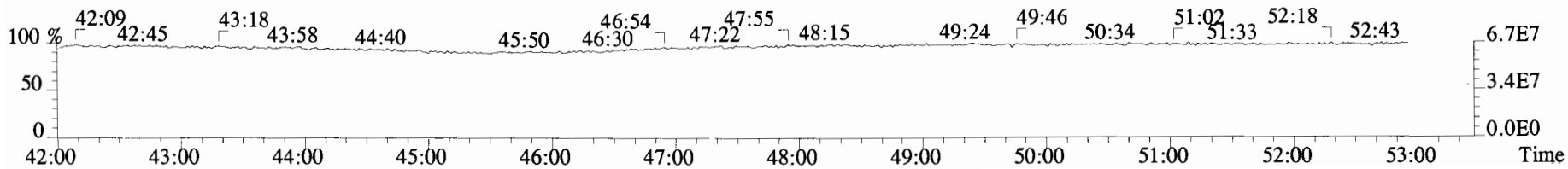
403.8457 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8740.0,0.00%,F,F)



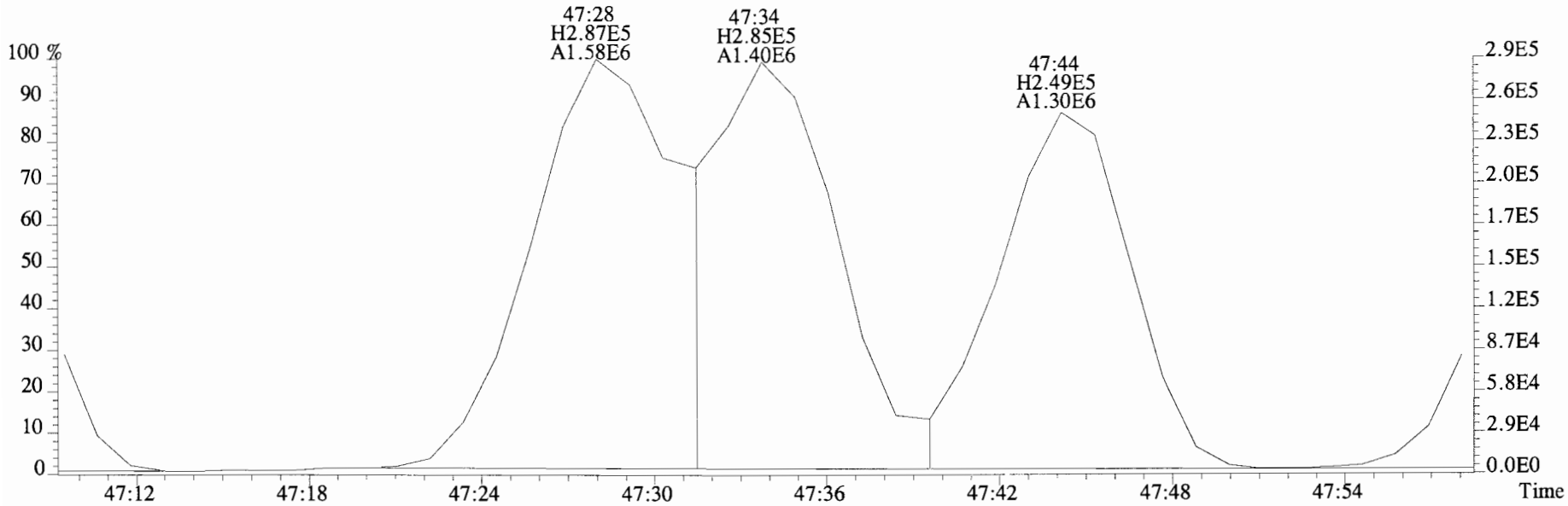
405.8428 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16048.0,0.00%,F,F)



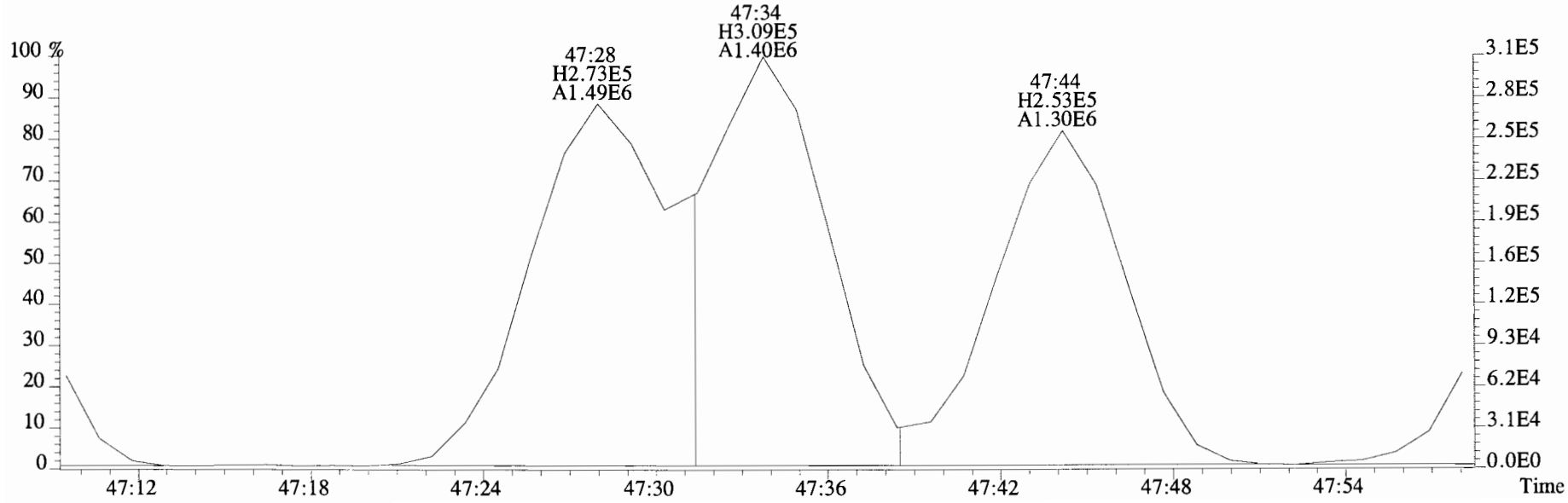
380.9760 S:3 F:4



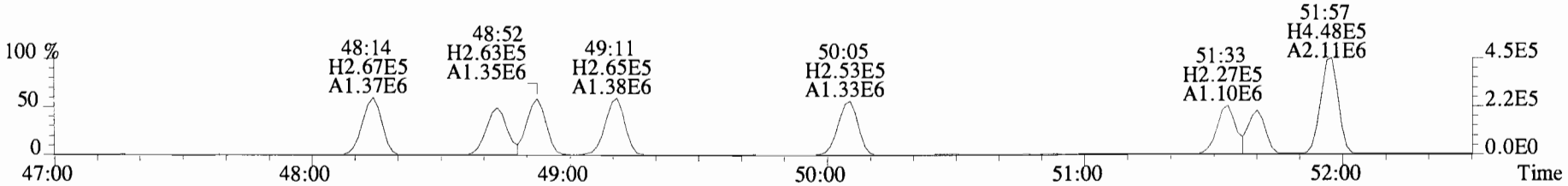
File:180208E1 #1-574 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
393.8025 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3968.0,0.00%,F,F)



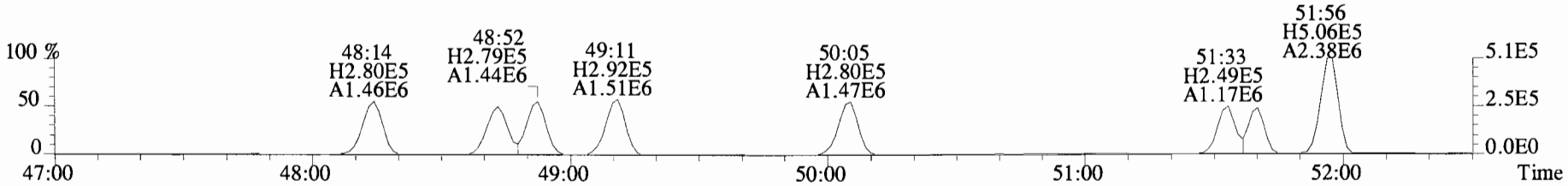
395.7995 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3332.0,0.00%,F,F)



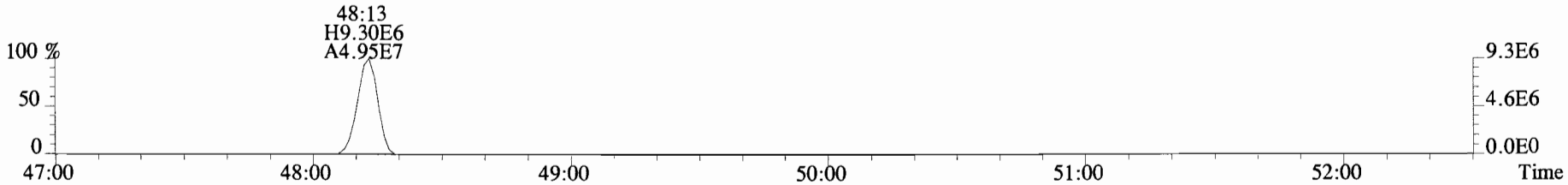
File:180208E1 #1-574 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
427.7635 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1588.0,0.00%,F,F)



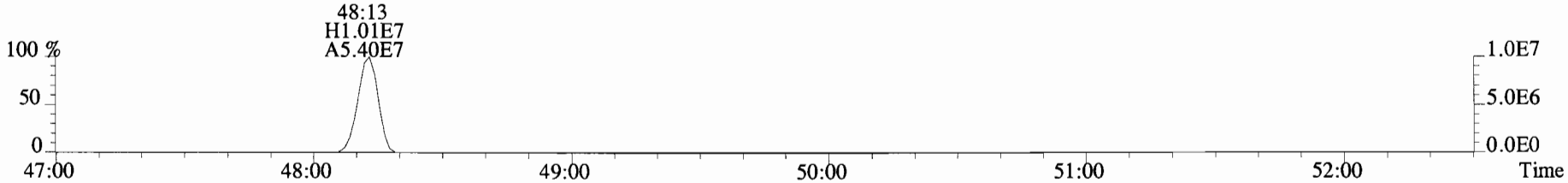
429.7606 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1940.0,0.00%,F,F)



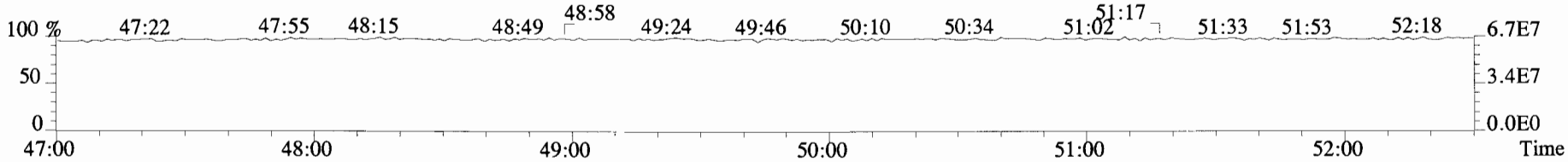
439.8038 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1756.0,0.00%,F,F)



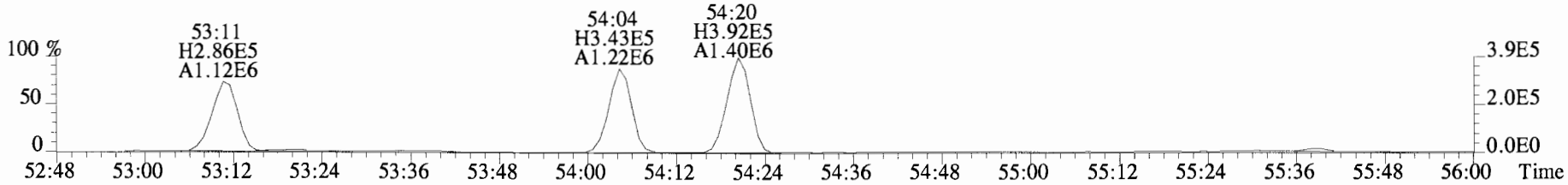
441.8008 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1596.0,0.00%,F,F)



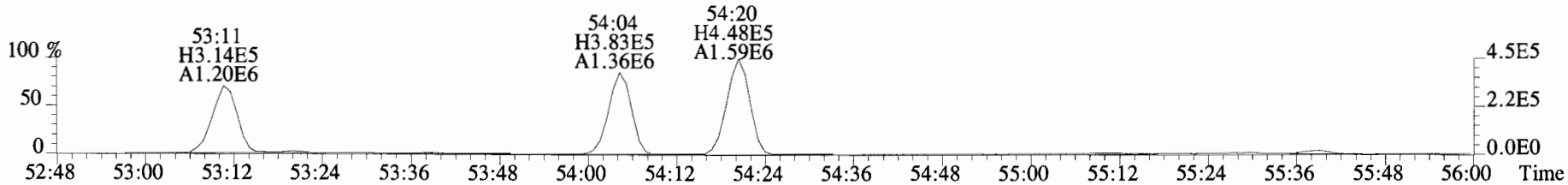
380.9760 S:3 F:4



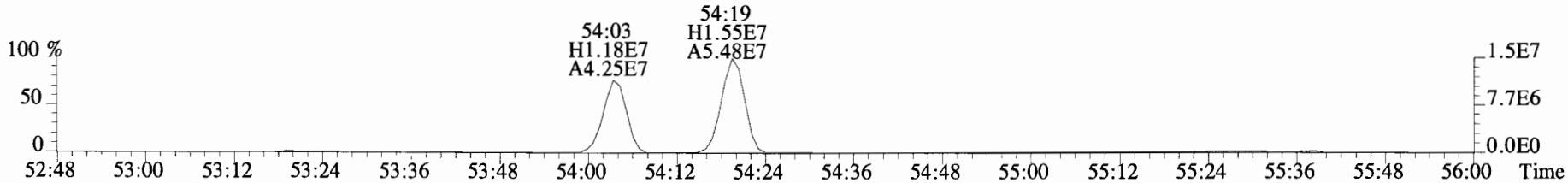
File:180208E1 #1-407 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
427.7635 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2236.0,0.00%,F,F)



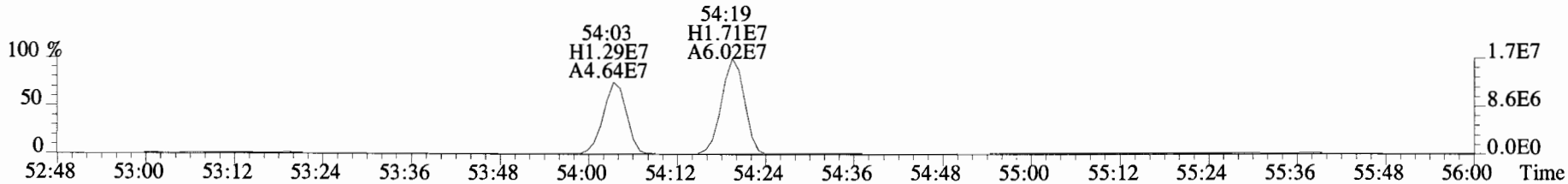
429.7606 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2516.0,0.00%,F,F)



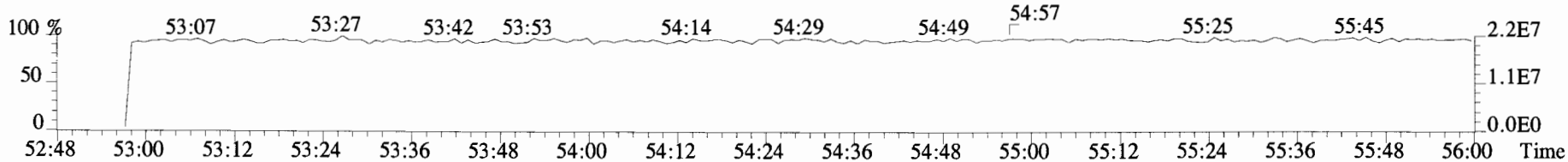
439.8038 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10060.0,0.00%,F,F)



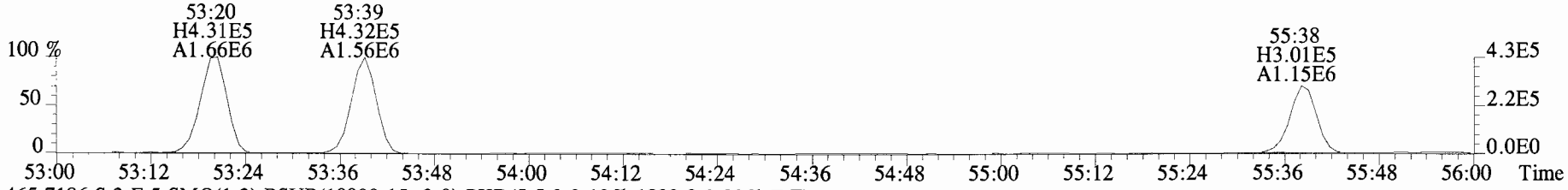
441.8008 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9996.0,0.00%,F,F)



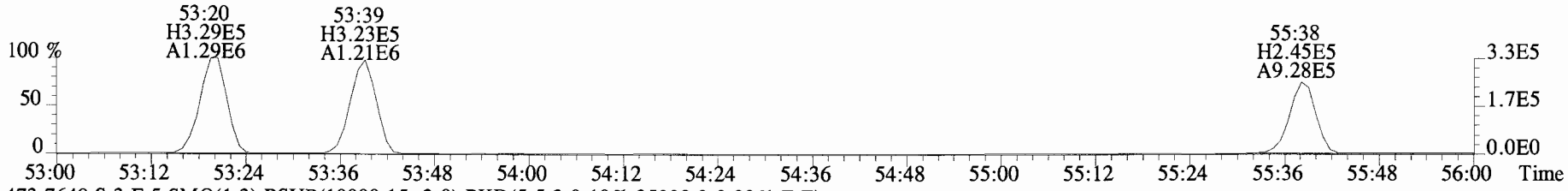
492.9697 S:3 F:5



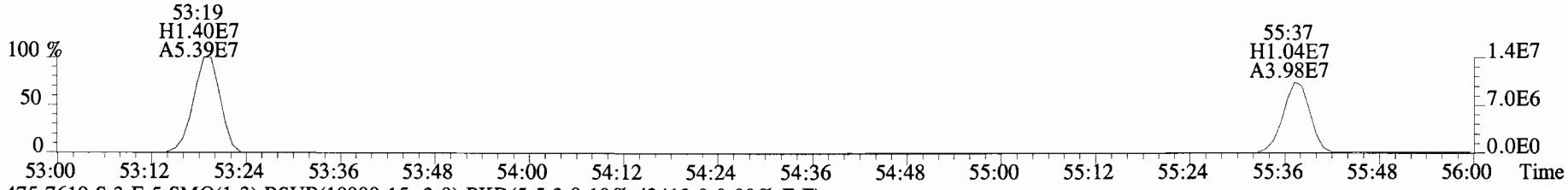
File:180208E1 #1-407 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
463.7216 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1728.0,0.00%,F,F)



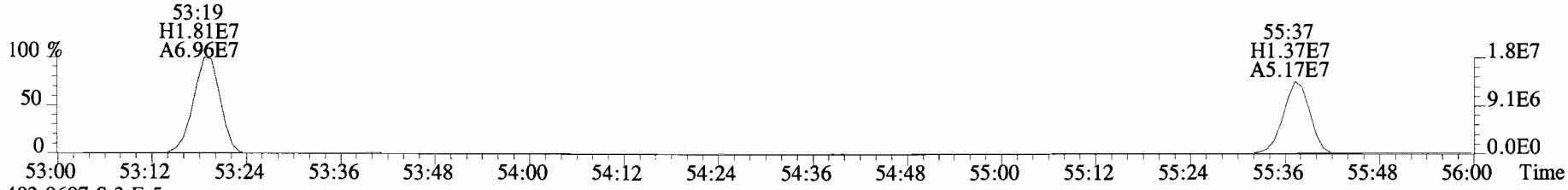
465.7186 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1820.0,0.00%,F,F)



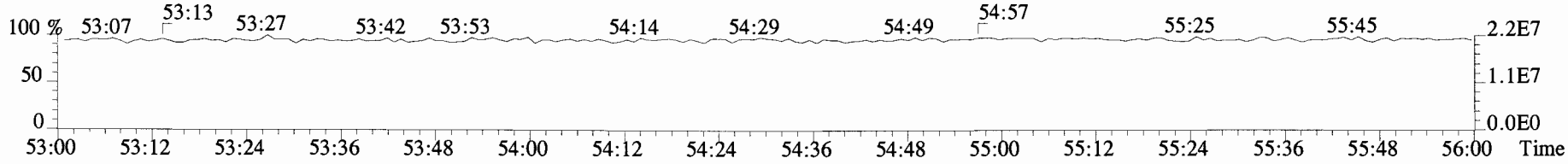
473.7648 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35008.0,0.00%,F,F)



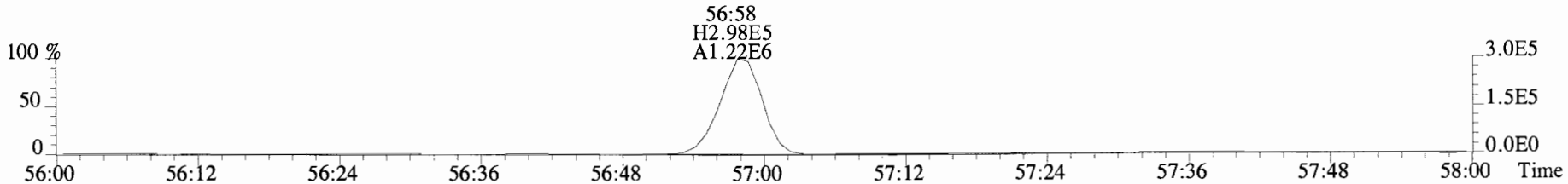
475.7619 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43412.0,0.00%,F,F)



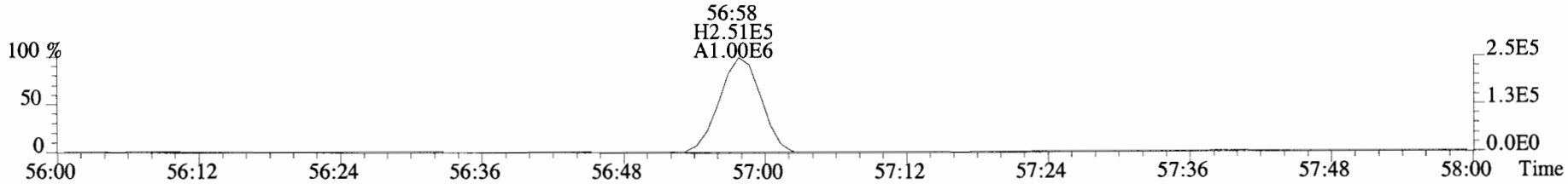
492.9697 S:3 F:5



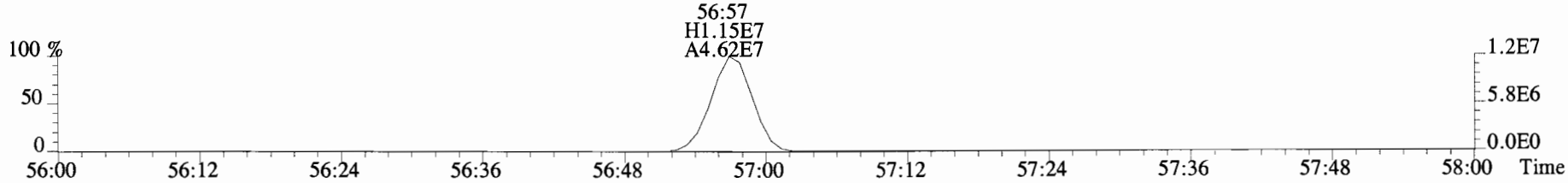
File:180208E1 #1-407 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
497.6826 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1484.0,0.00%,F,F)



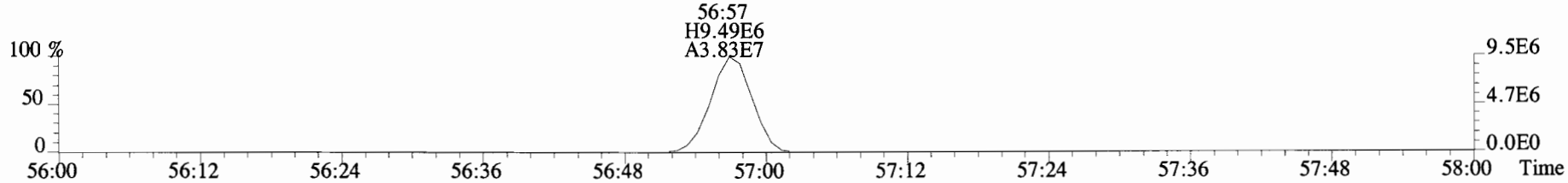
499.6797 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1468.0,0.00%,F,F)



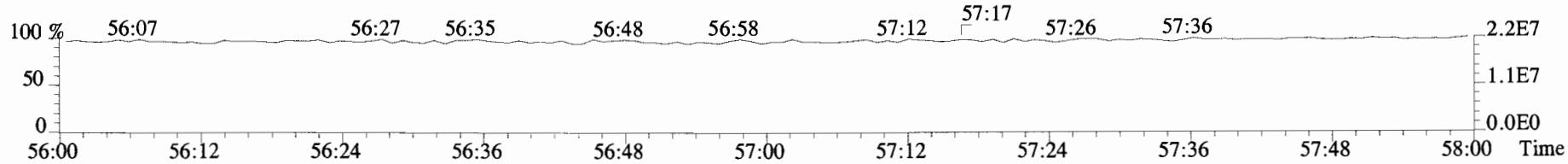
509.7229 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1660.0,0.00%,F,F)



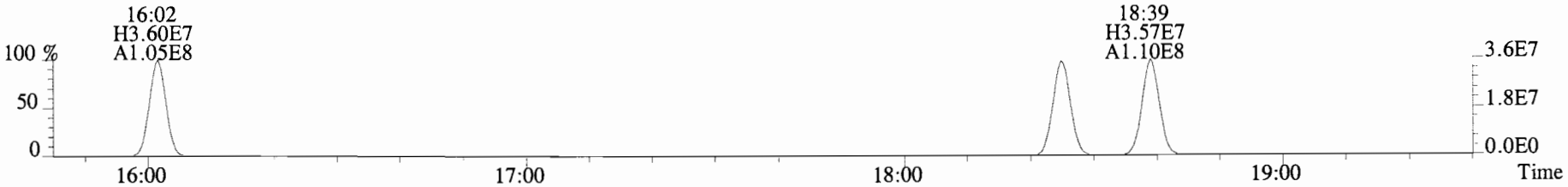
511.7199 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1916.0,0.00%,F,F)



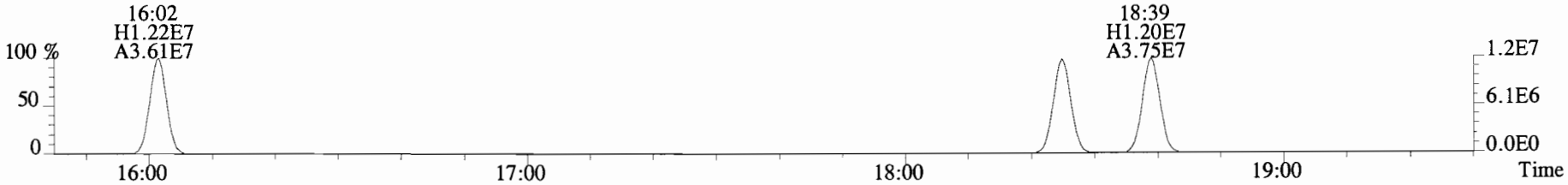
492.9697 S:3 F:5



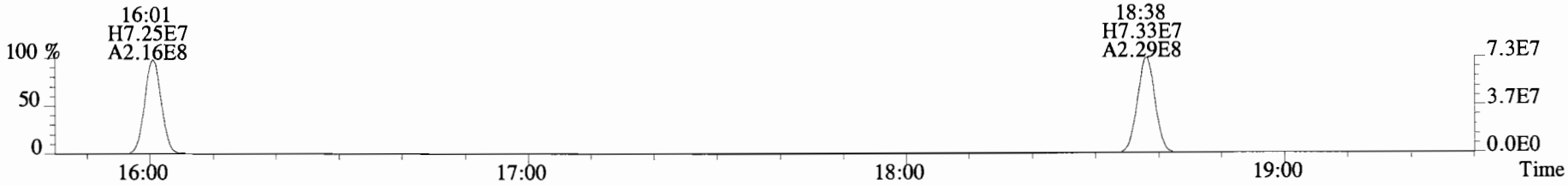
File:180208E1 #1-867 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
188.0393 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5568.0,0.00%,F,F)



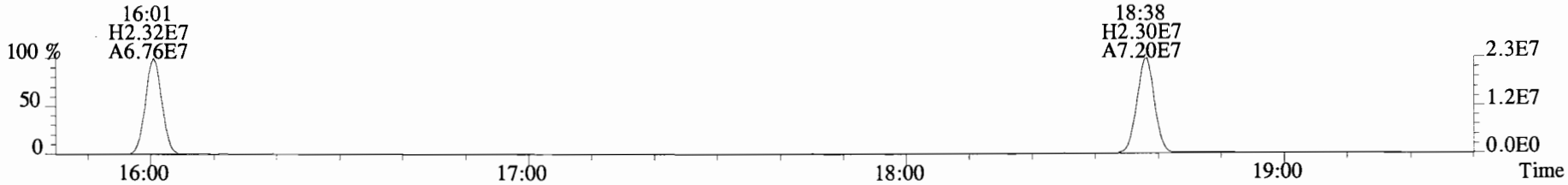
190.0363 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4976.0,0.00%,F,F)



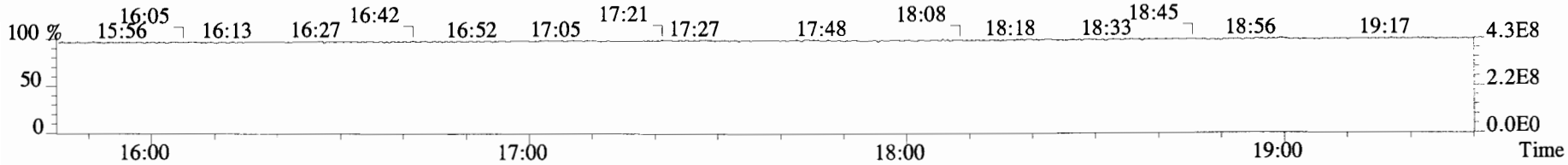
200.0795 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7008.0,0.00%,F,F)



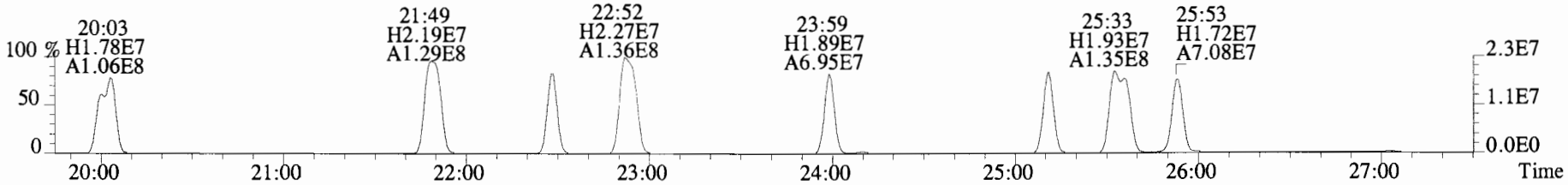
202.0766 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,45624.0,0.00%,F,F)



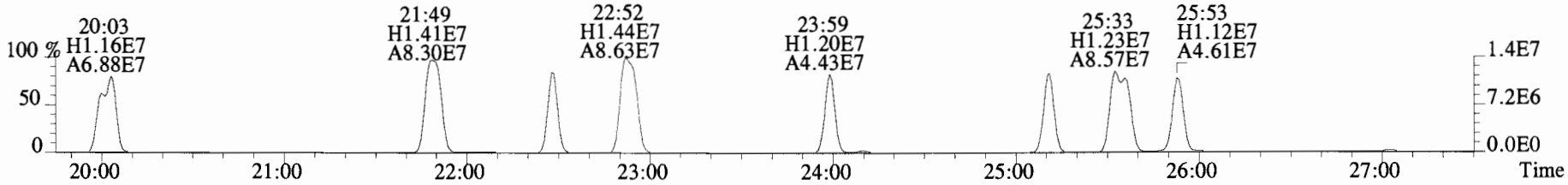
180.9880 S:4



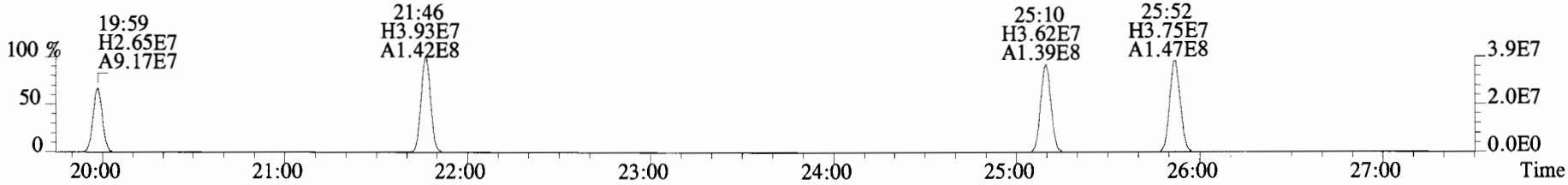
File:180208E1 #1-757 Acq: 8-FEB-2018 11:50:02 GC El+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
222.0003 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6820.0,0.00%,F,F)



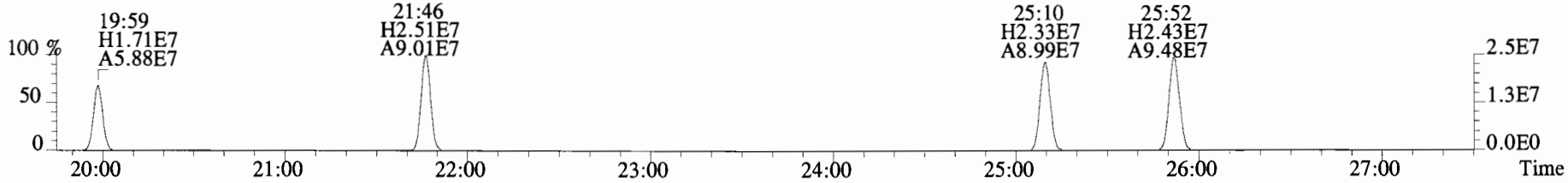
223.9974 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16192.0,0.00%,F,F)



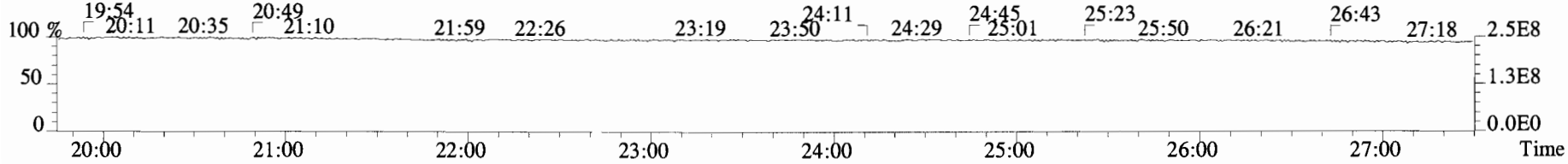
234.0406 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7028.0,0.00%,F,F)



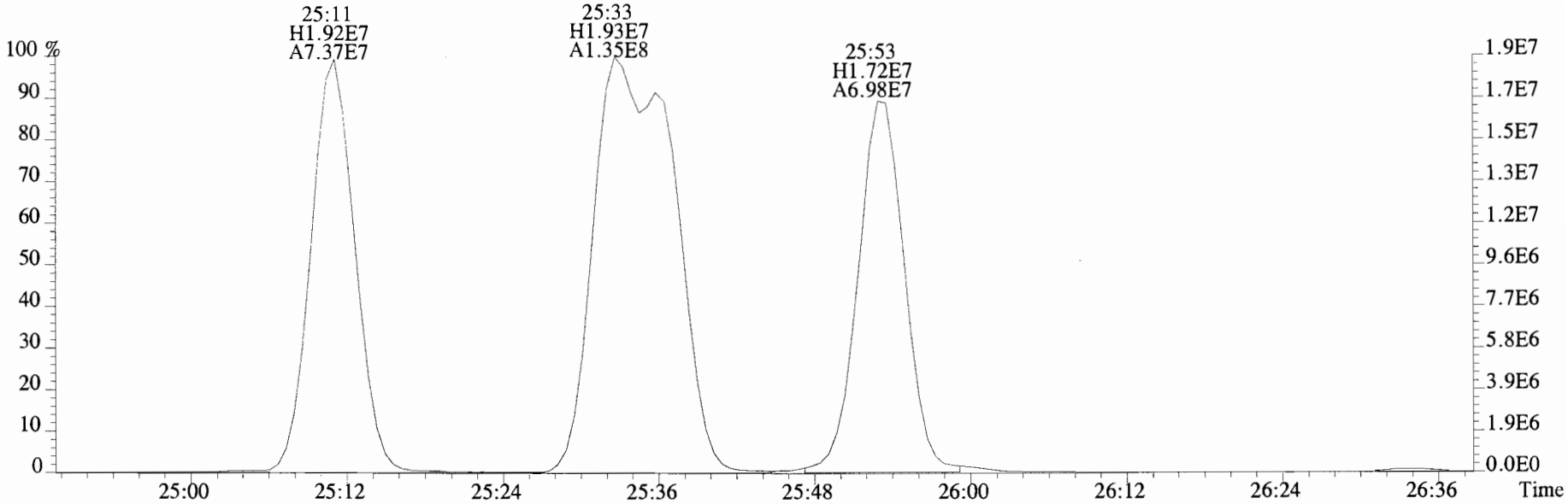
236.0376 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4744.0,0.00%,F,F)



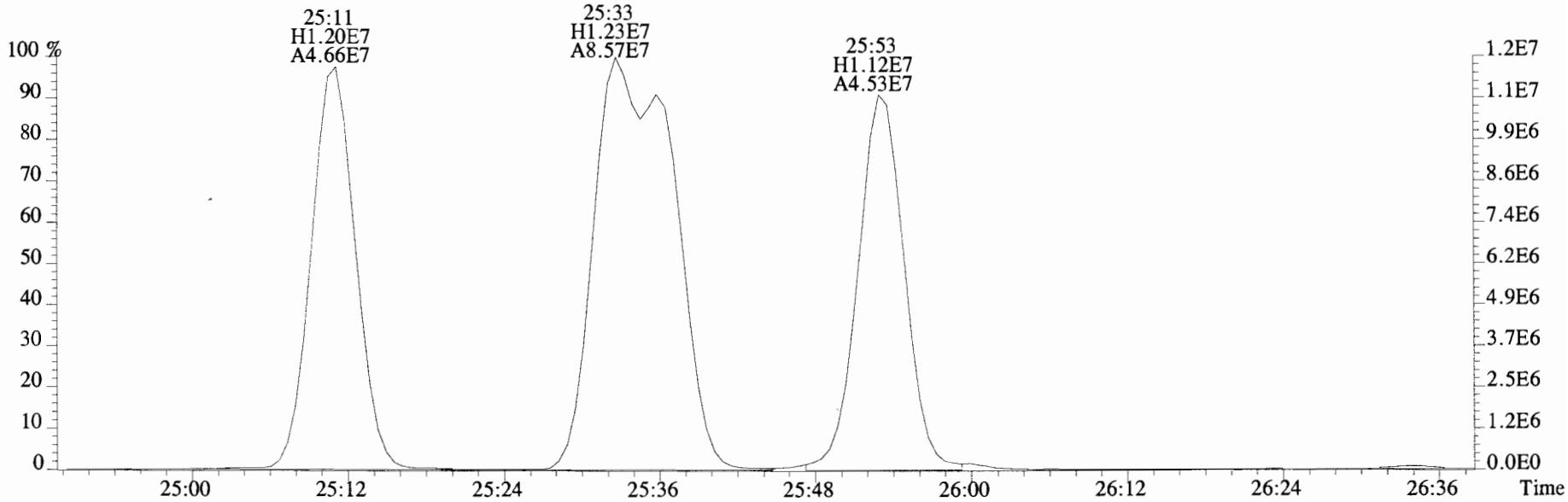
230.9856 S:4 F:2



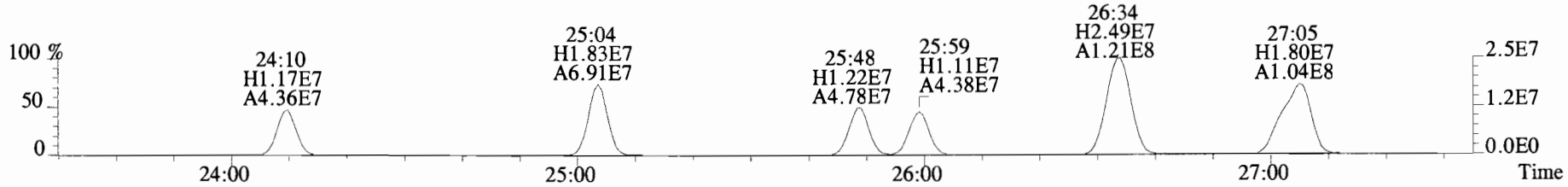
File:180208E1 #1-757 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
222.0003 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6820.0,0.00%,F,F)



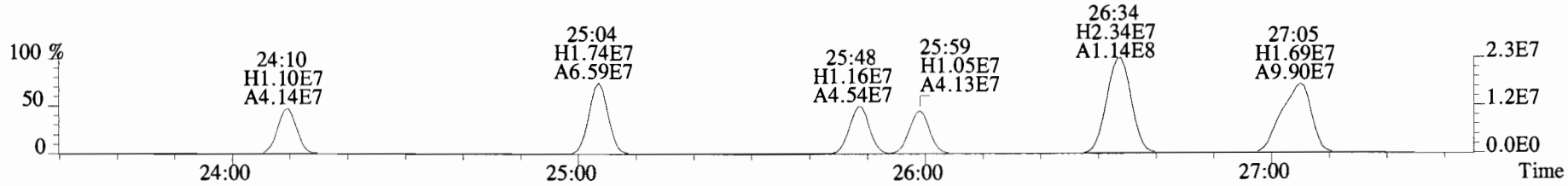
223.9974 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16192.0,0.00%,F,F)



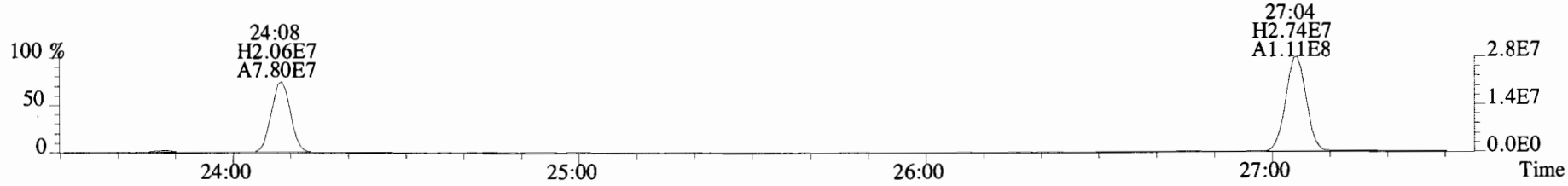
File:180208E1 #1-757 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5472.0,0.00%,F,F)



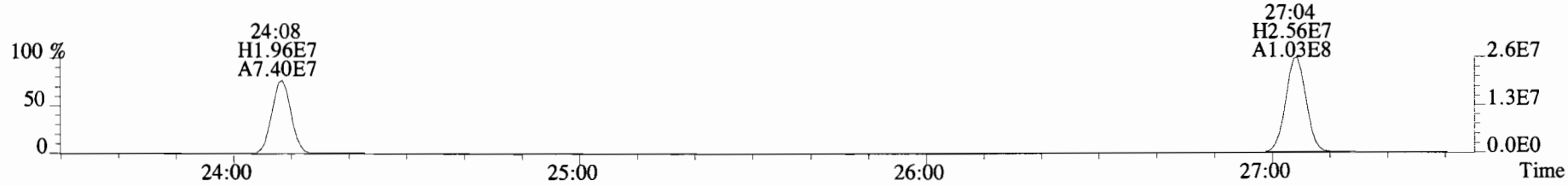
257.9584 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2716.0,0.00%,F,F)



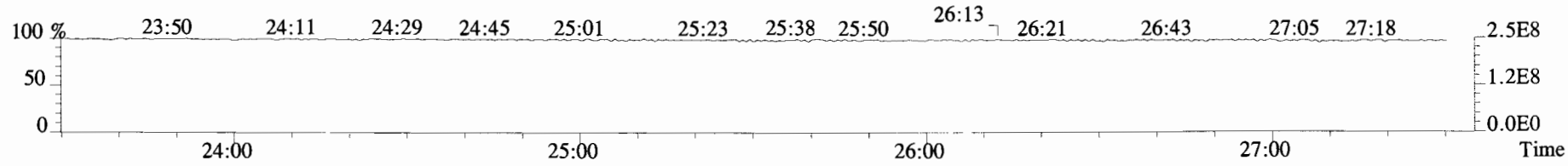
268.0016 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,122248.0,0.00%,F,F)



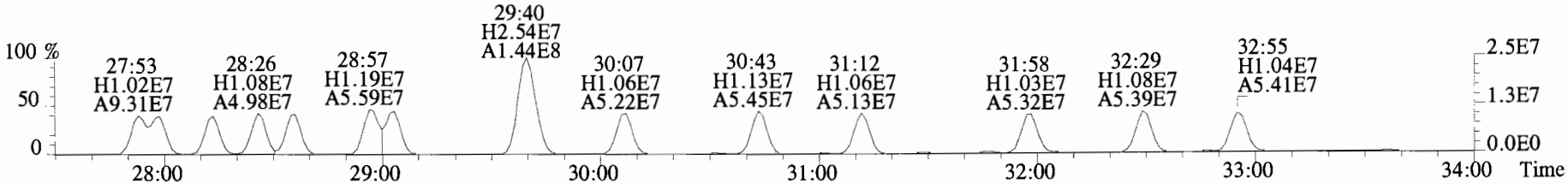
269.9986 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,57912.0,0.00%,F,F)



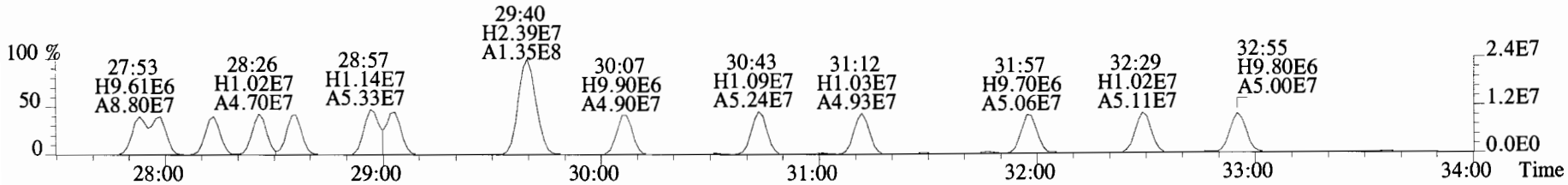
230.9856 S:4 F:2



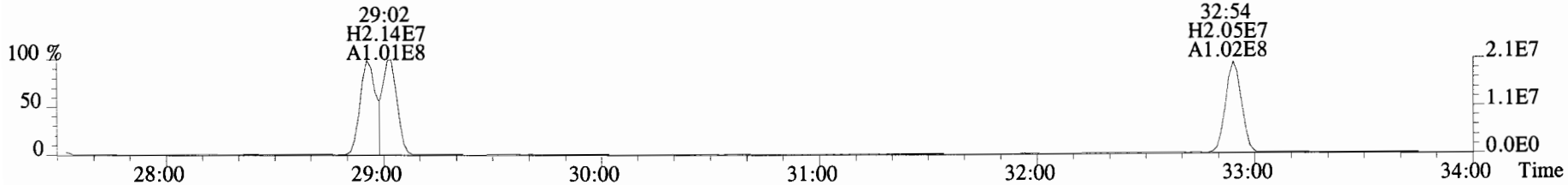
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15204.0,0.00%,F,F)



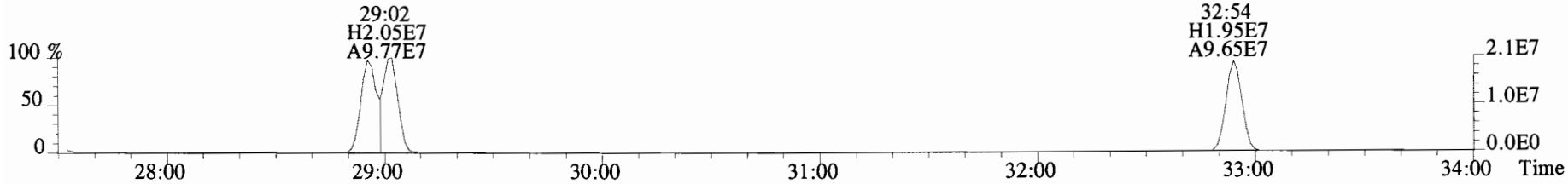
257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13460.0,0.00%,F,F)



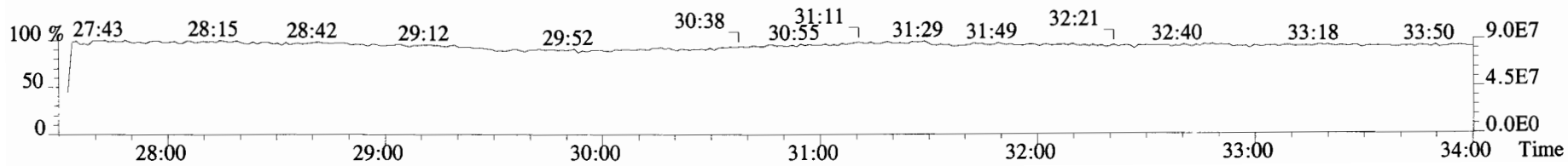
268.0016 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,86660.0,0.00%,F,F)



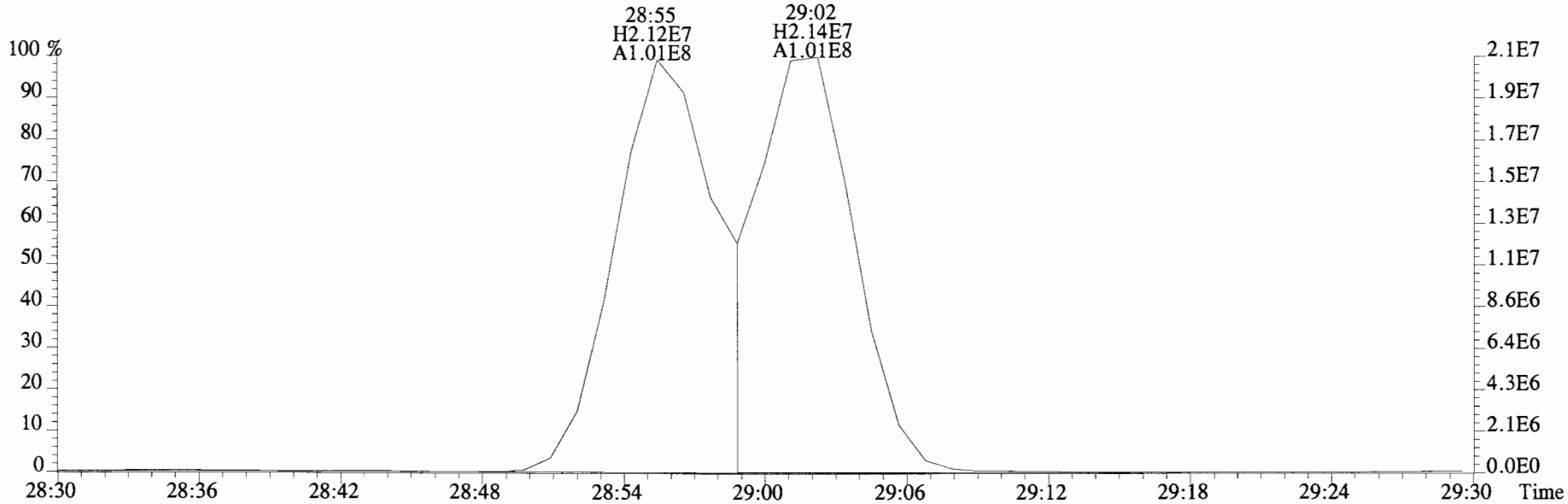
269.9986 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23324.0,0.00%,F,F)



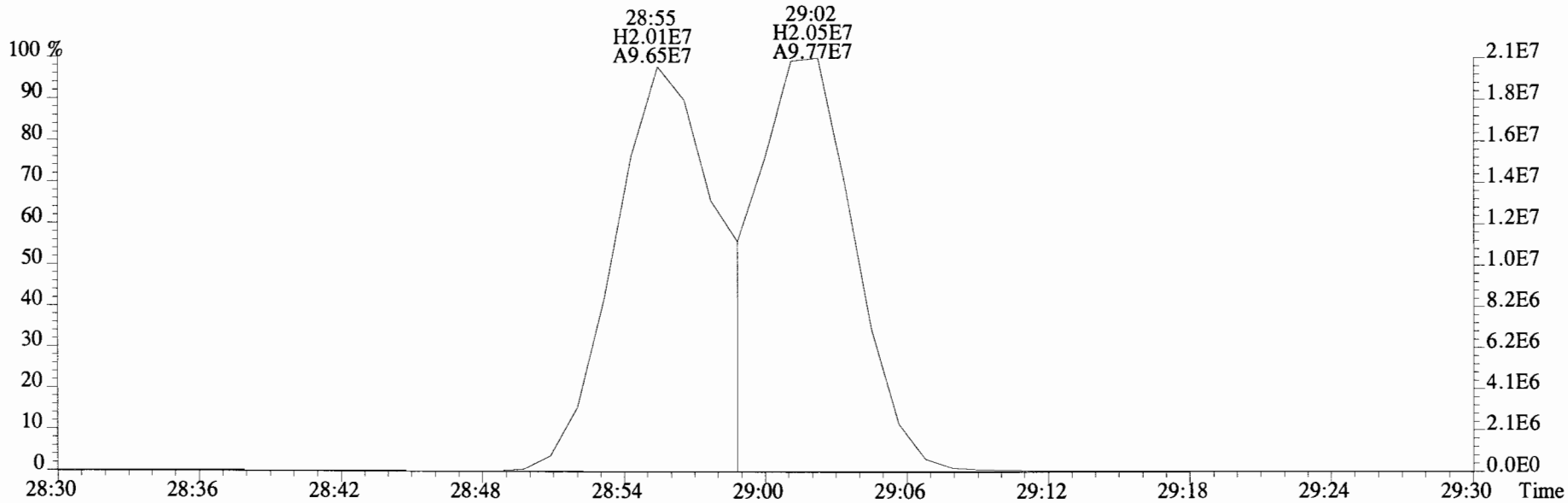
330.9792 S:4 F:3



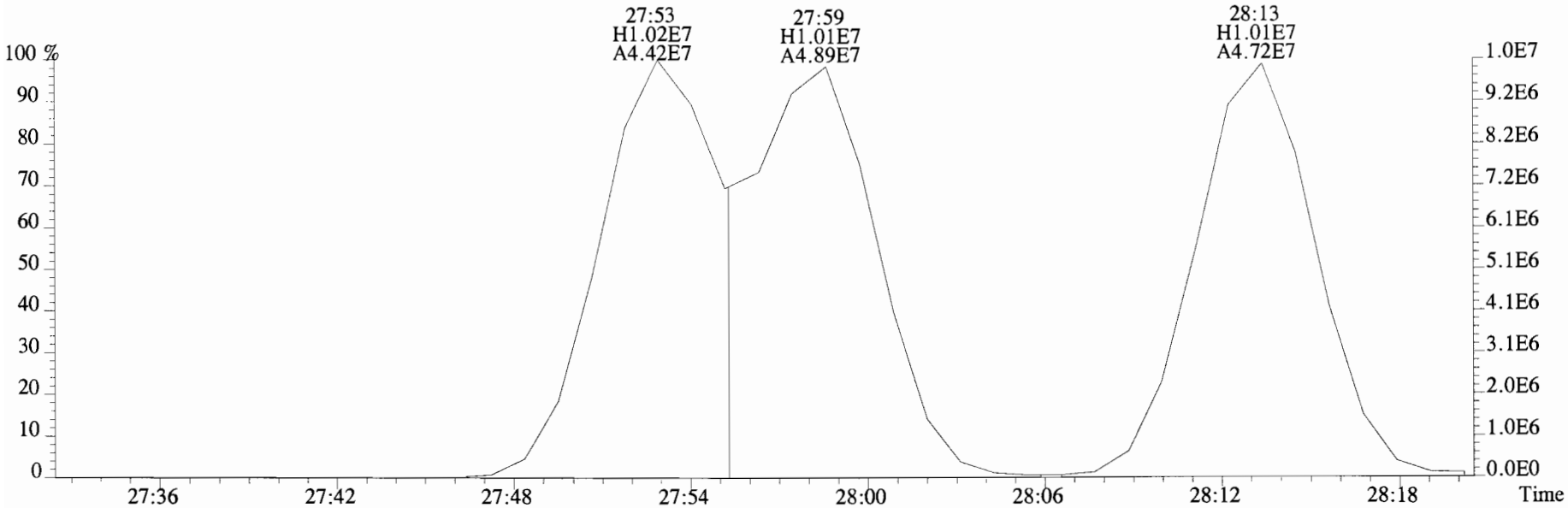
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
268.0016 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,86660.0,0.00%,F,F)



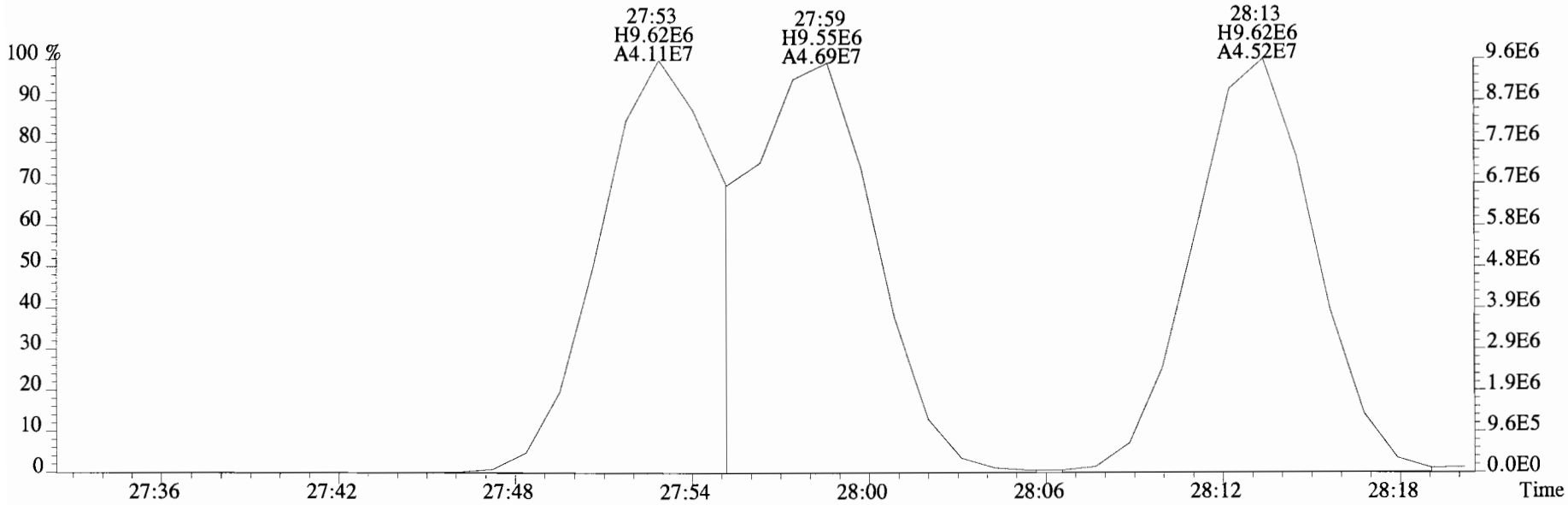
269.9986 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23324.0,0.00%,F,F)



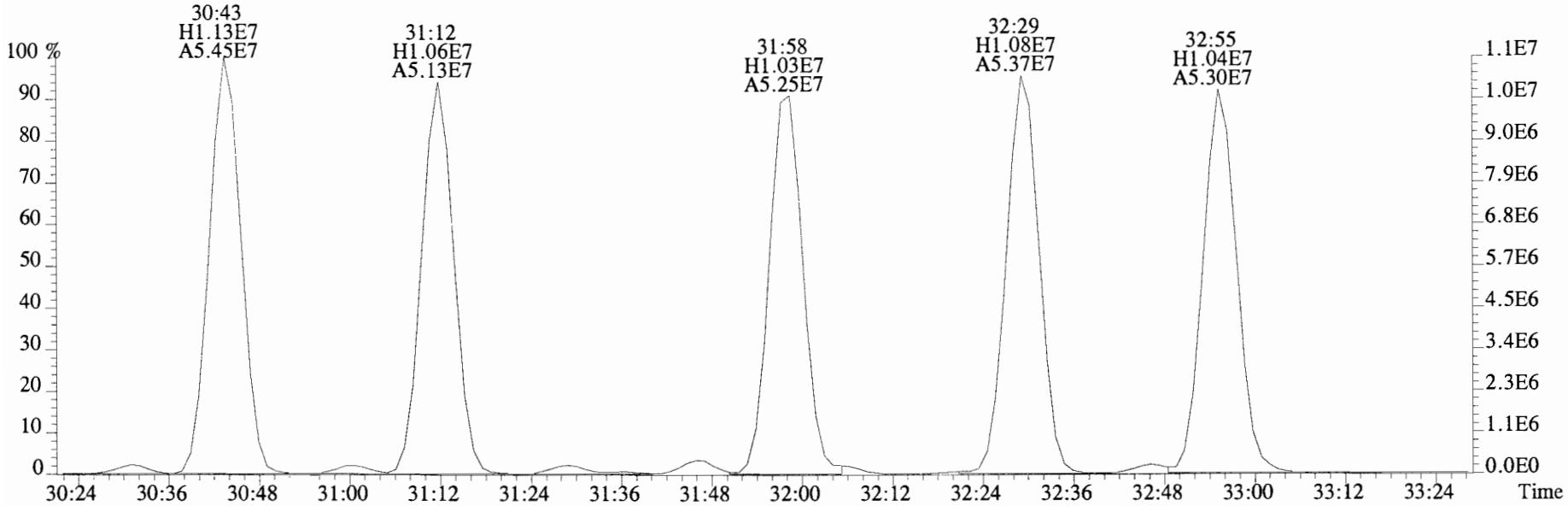
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15204.0,0.00%,F,F)



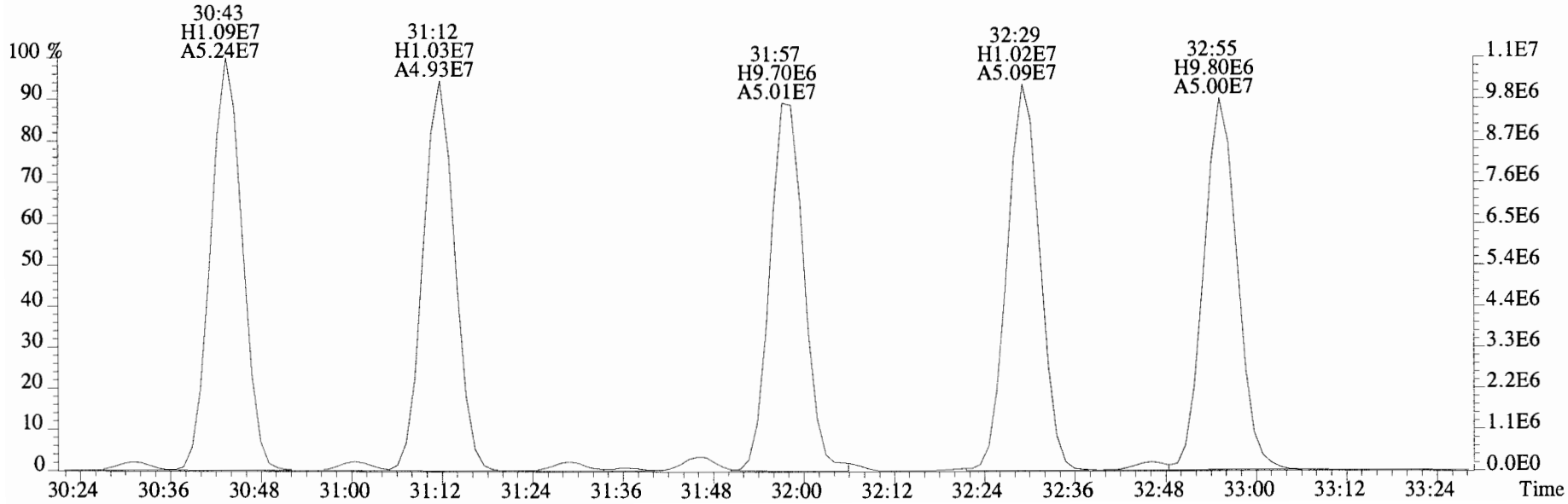
257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13460.0,0.00%,F,F)



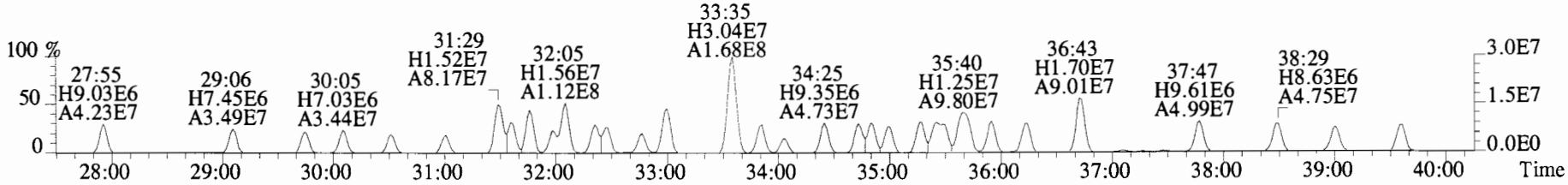
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15204.0,0.00%,F,F)



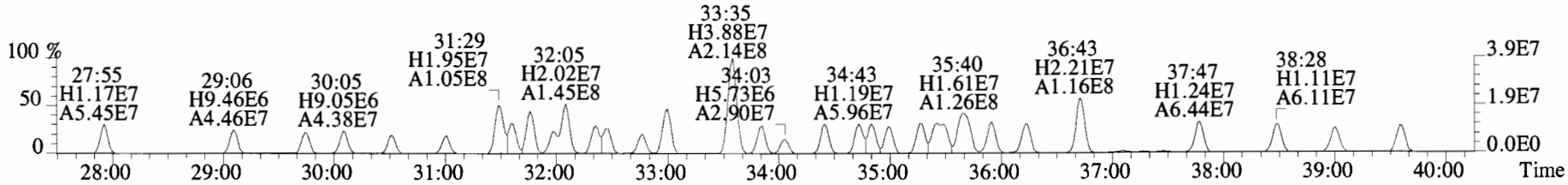
257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13460.0,0.00%,F,F)



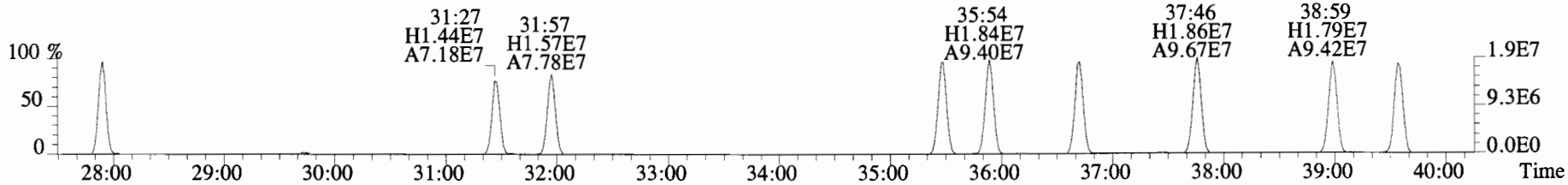
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24808.0,0.00%,F,F)



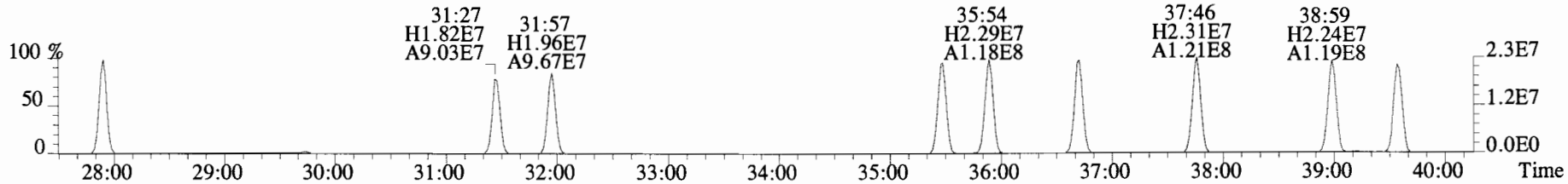
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27716.0,0.00%,F,F)



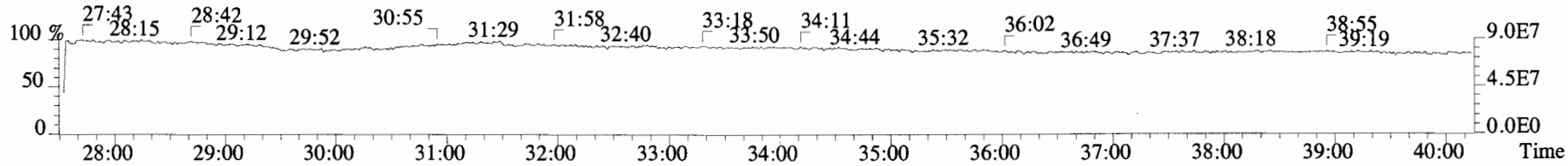
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37508.0,0.00%,F,F)



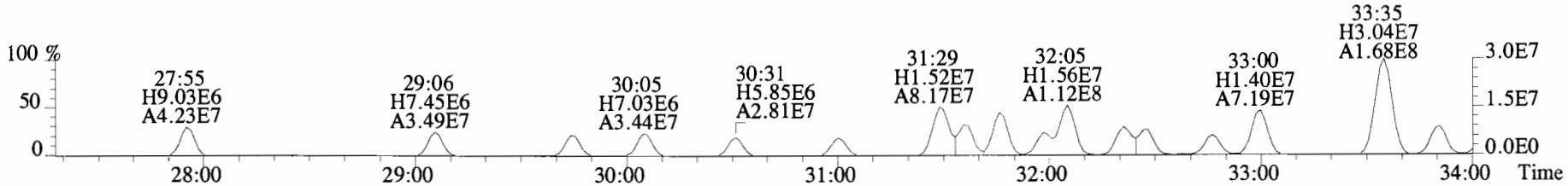
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20648.0,0.00%,F,F)



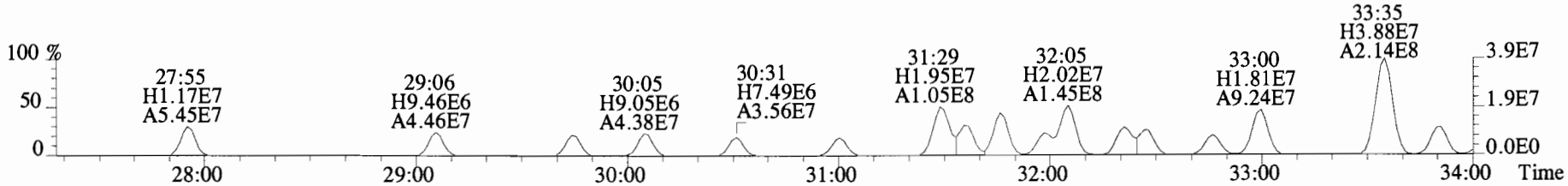
330.9792 S:4 F:3



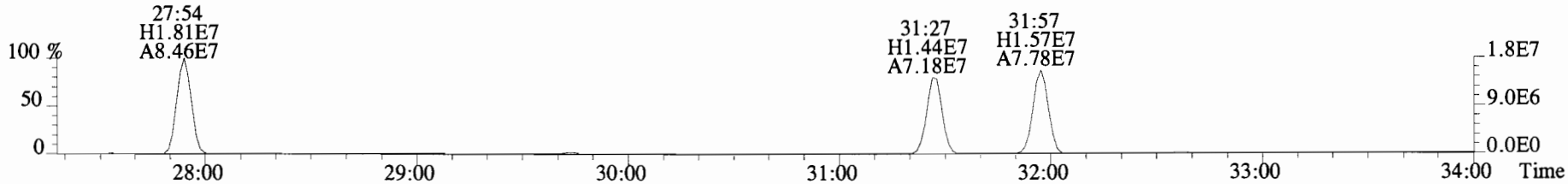
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24808.0,0.00%,F,F)



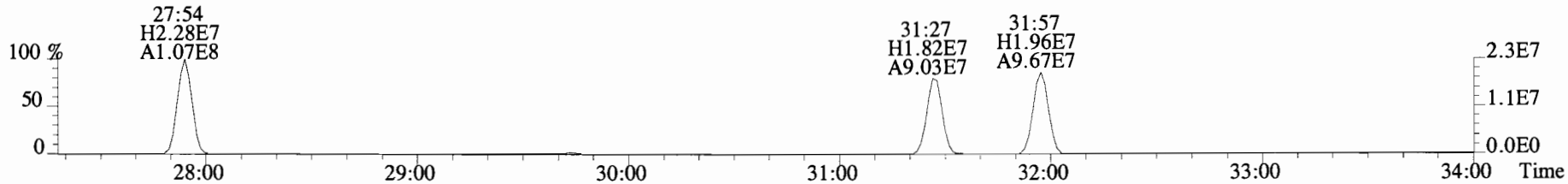
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27716.0,0.00%,F,F)



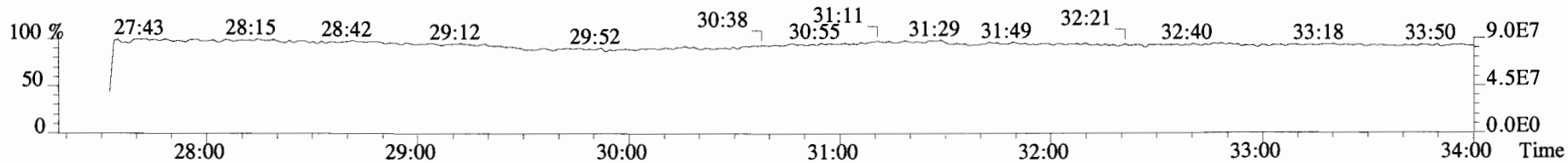
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37508.0,0.00%,F,F)



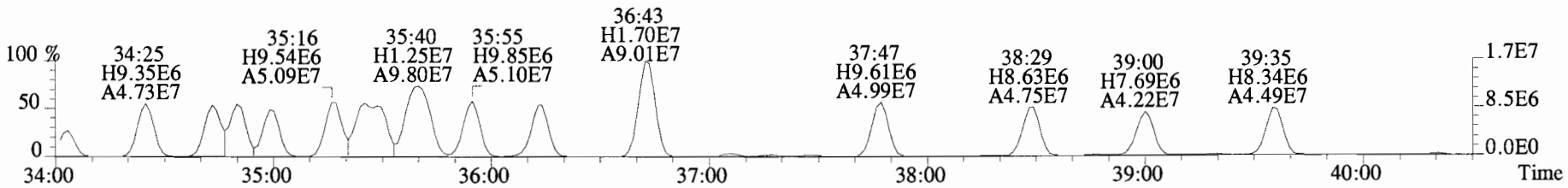
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20648.0,0.00%,F,F)



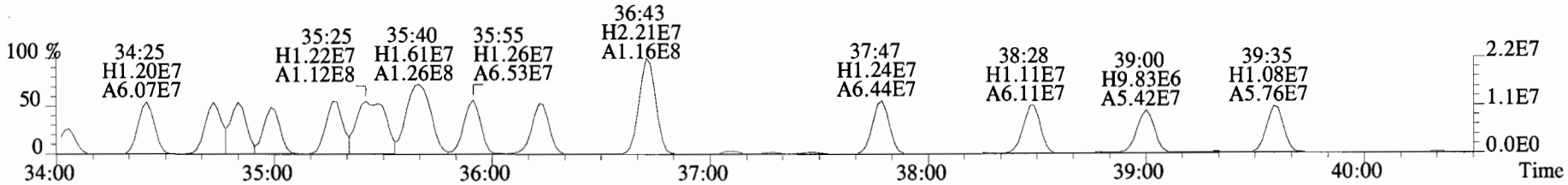
330.9792 S:4 F:3



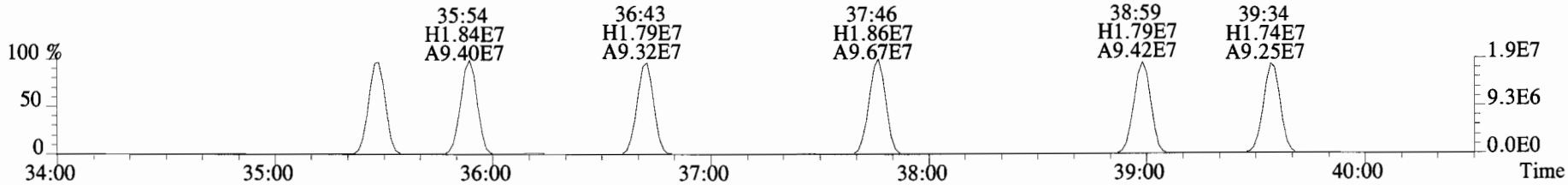
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24808.0,0.00%,F,F)



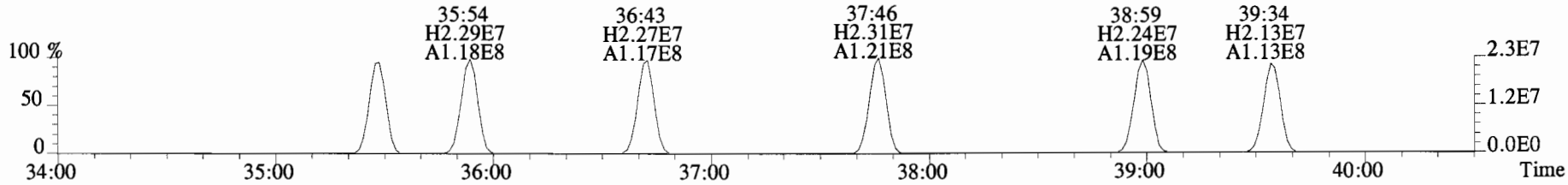
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27716.0,0.00%,F,F)



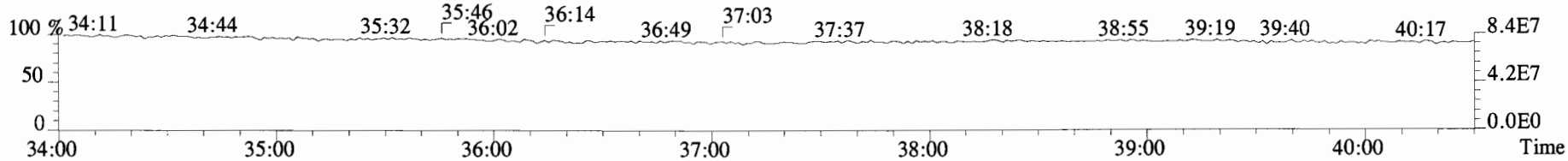
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37508.0,0.00%,F,F)



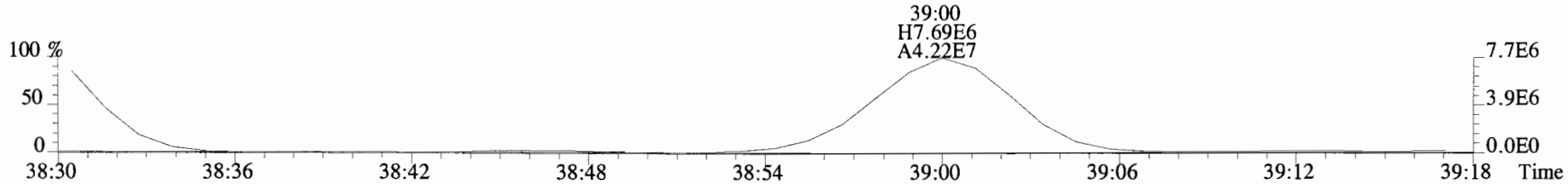
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20648.0,0.00%,F,F)



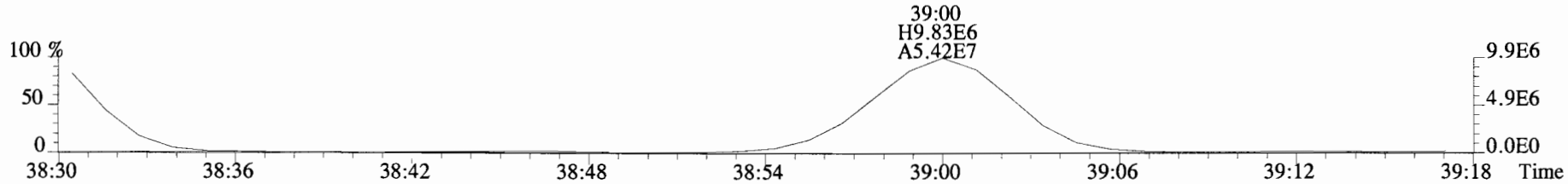
330.9792 S:4 F:3



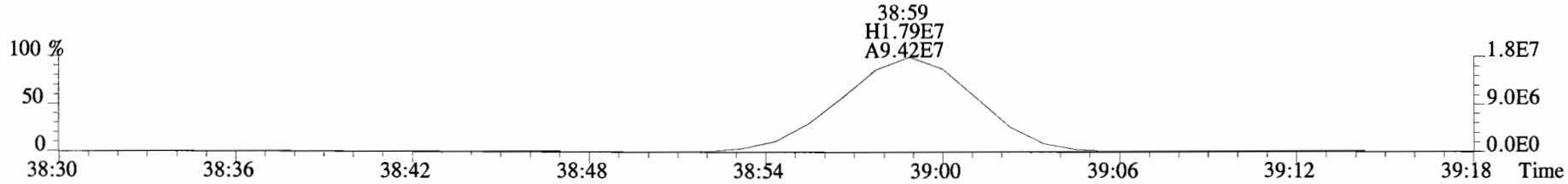
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24808.0,0.00%,F,F)



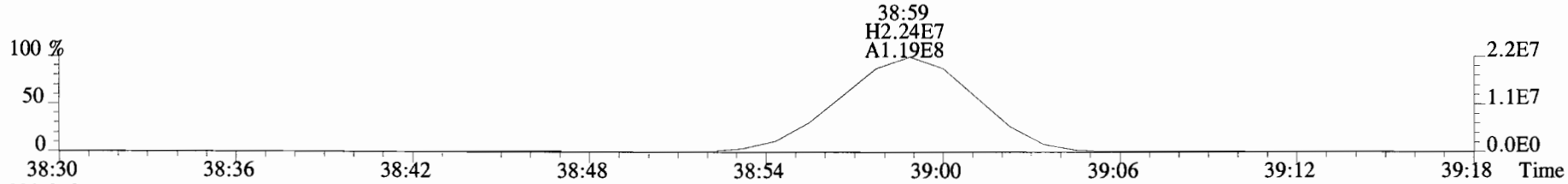
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27716.0,0.00%,F,F)



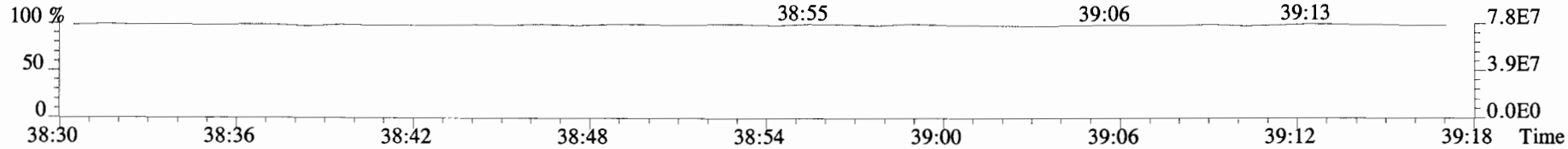
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37508.0,0.00%,F,F)



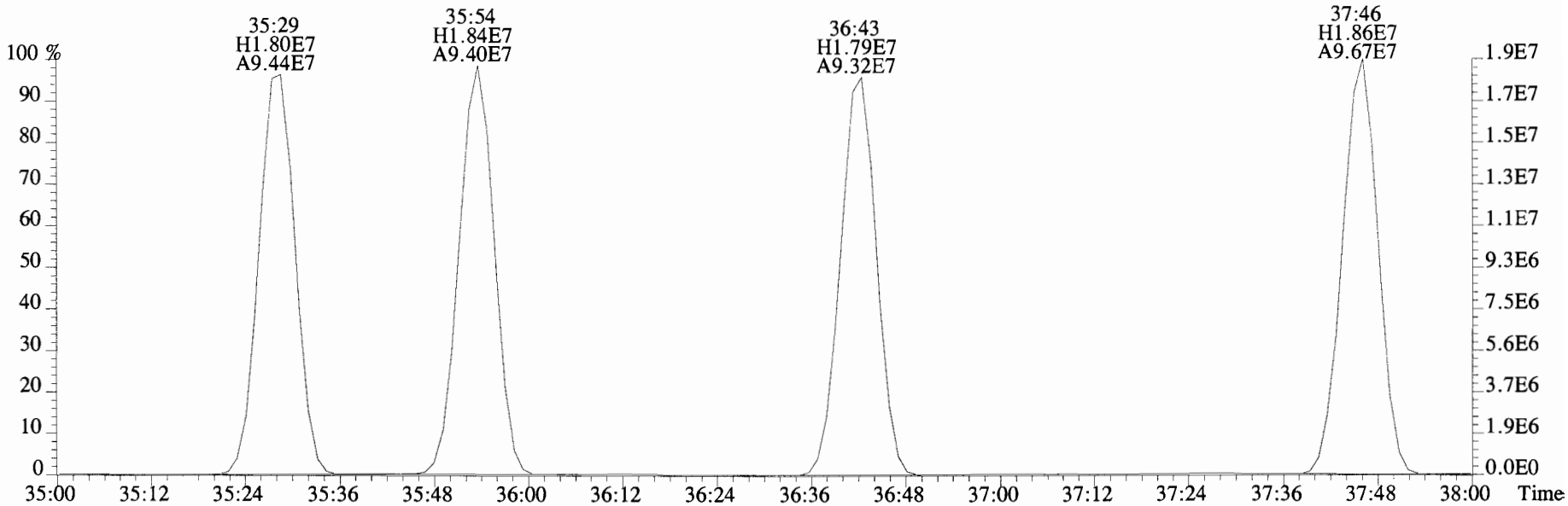
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20648.0,0.00%,F,F)



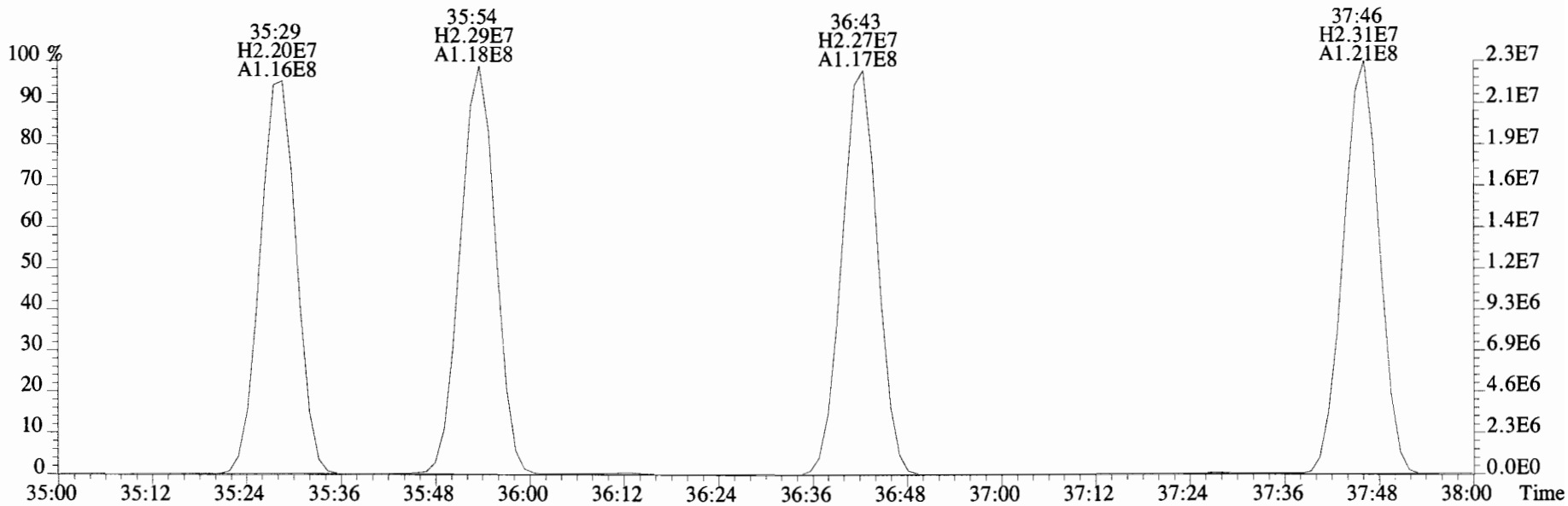
330.9792 S:4 F:3



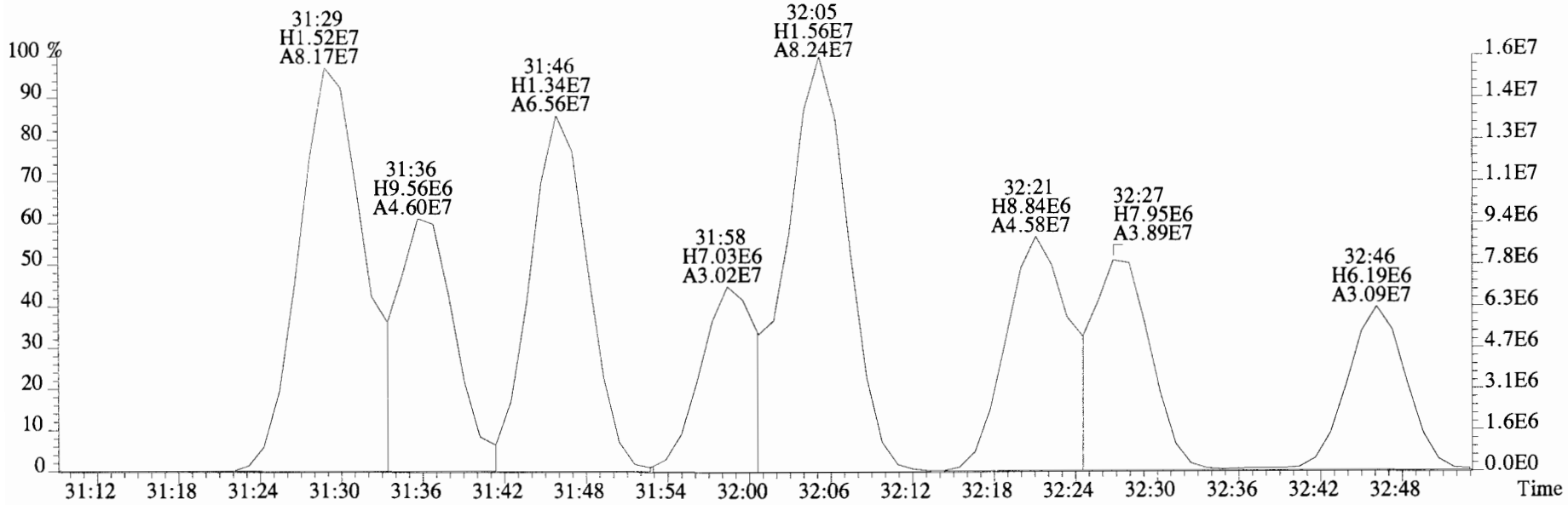
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37508.0,0.00%,F,F)



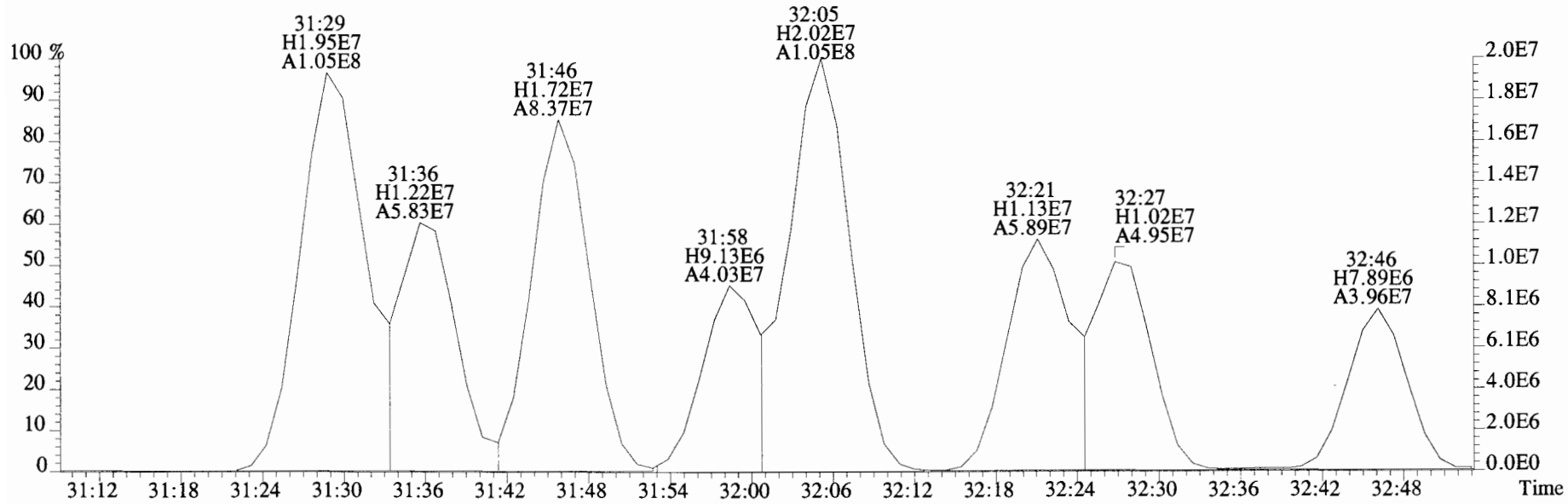
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20648.0,0.00%,F,F)



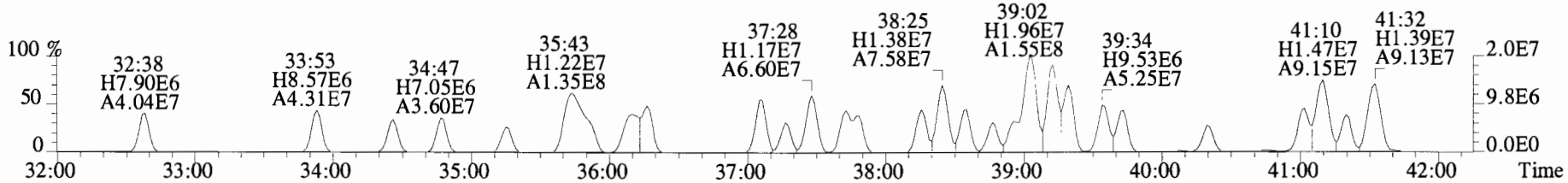
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24808.0,0.00%,F,F)



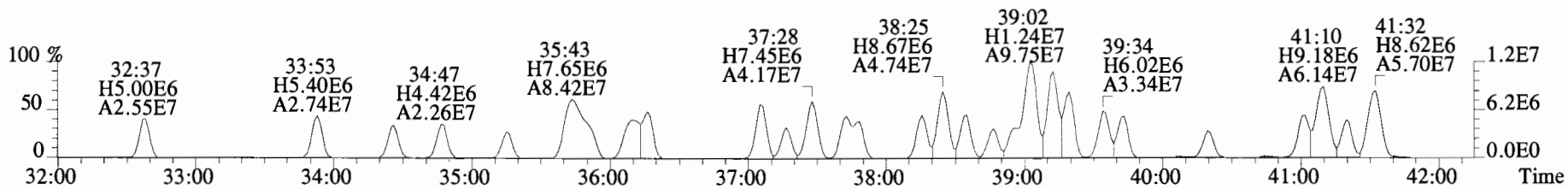
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27716.0,0.00%,F,F)



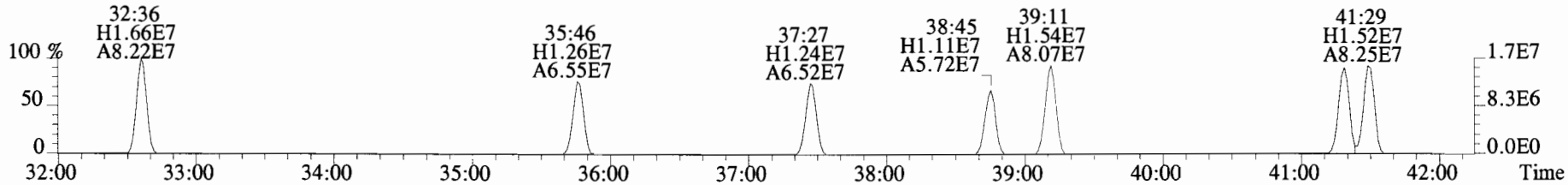
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



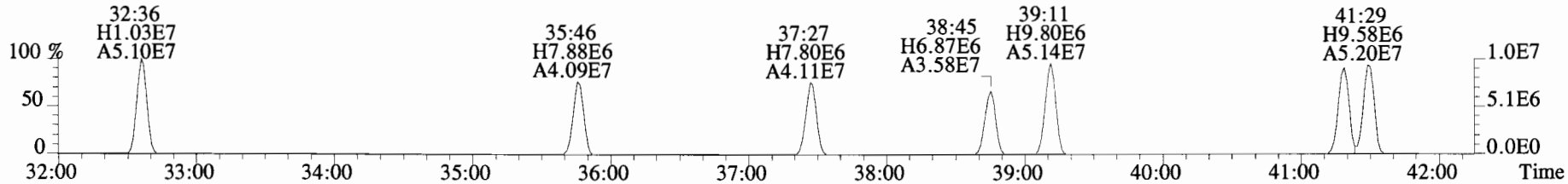
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2092.0,0.00%,F,F)



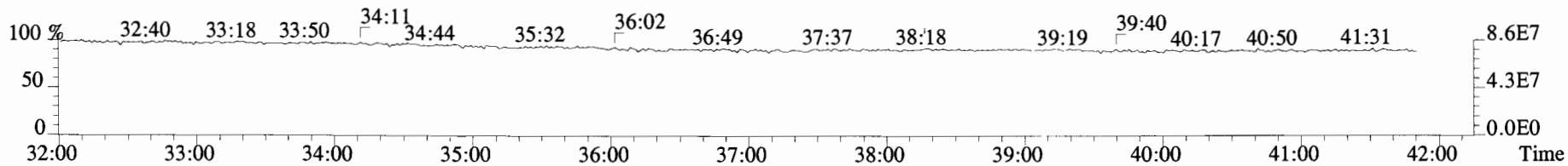
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7456.0,0.00%,F,F)



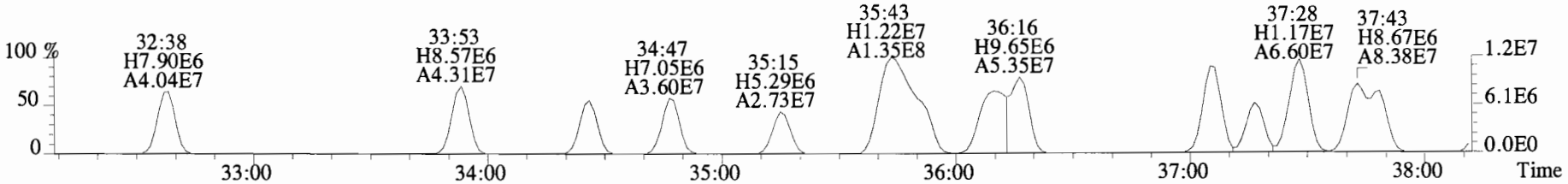
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4200.0,0.00%,F,F)



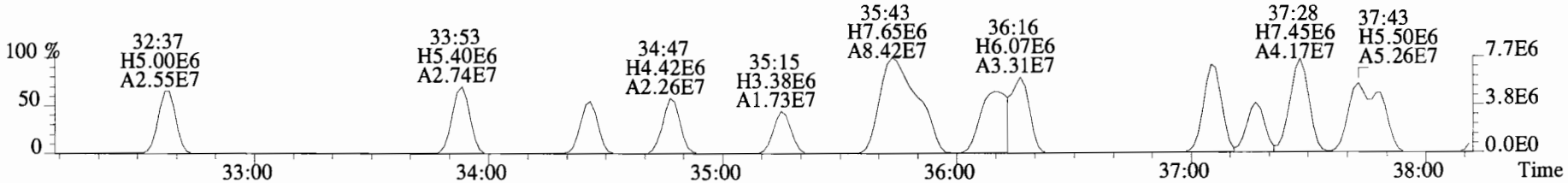
330.9792 S:4 F:3



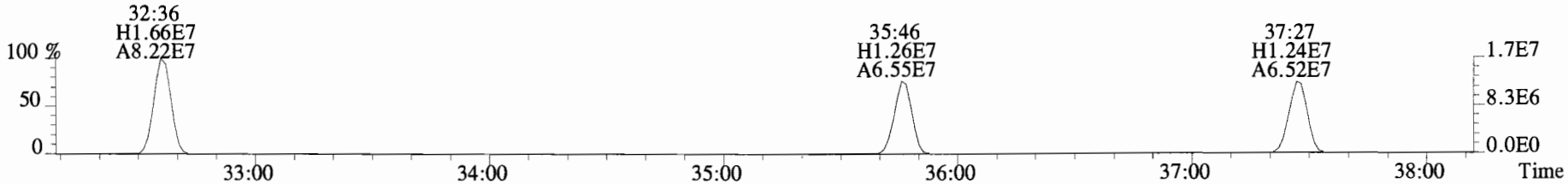
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



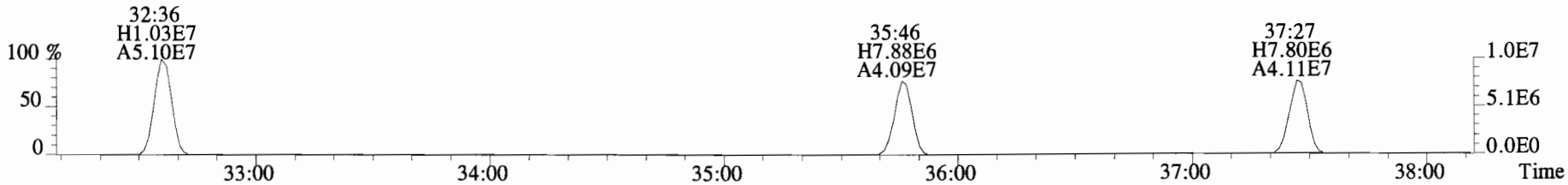
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2092.0,0.00%,F,F)



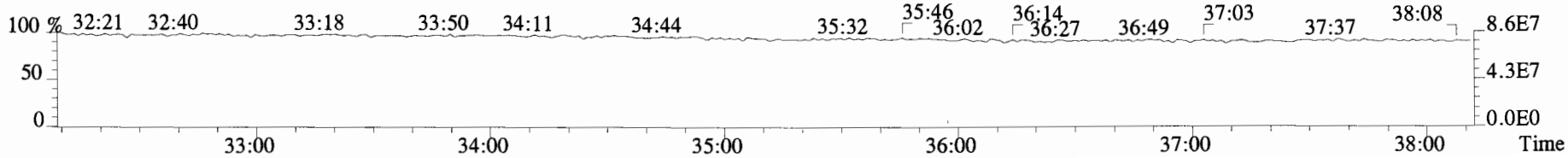
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7456.0,0.00%,F,F)



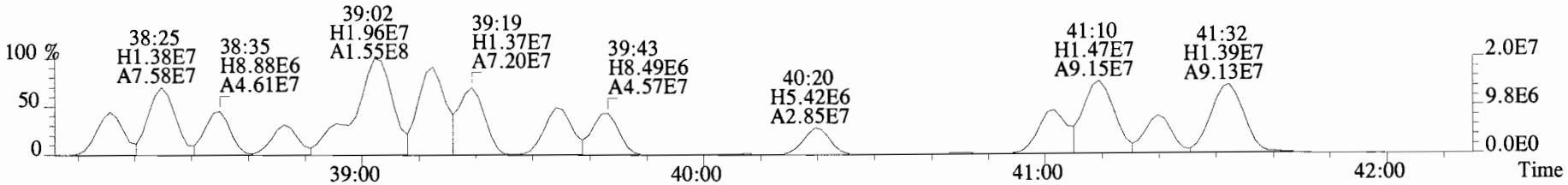
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4200.0,0.00%,F,F)



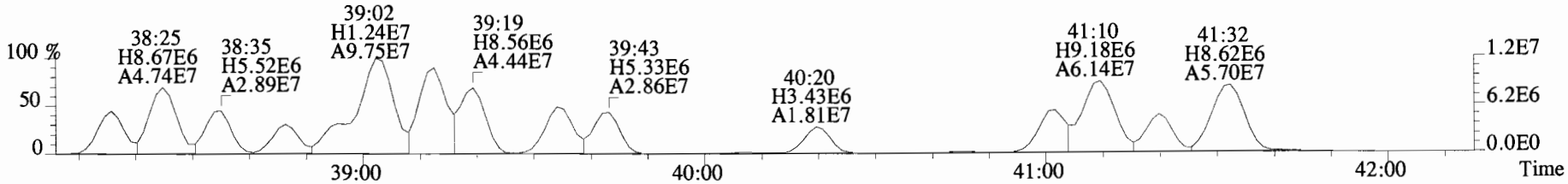
330.9792 S:4 F:3



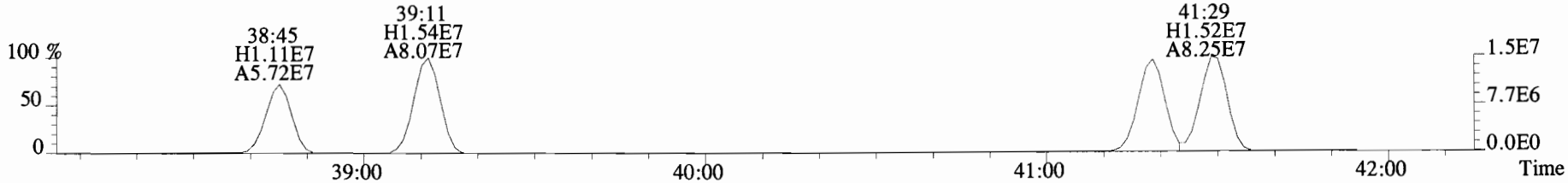
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



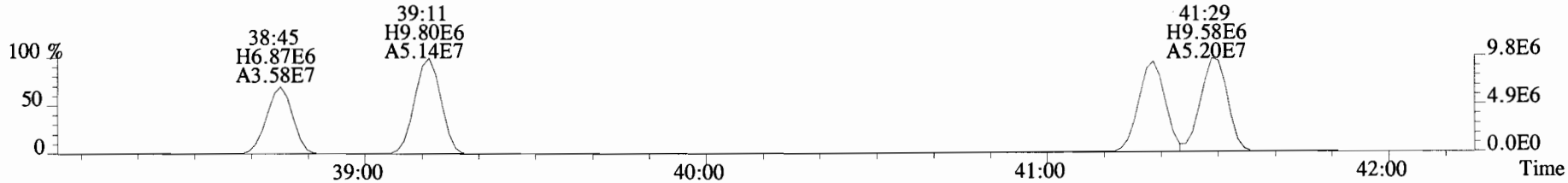
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2092.0,0.00%,F,F)



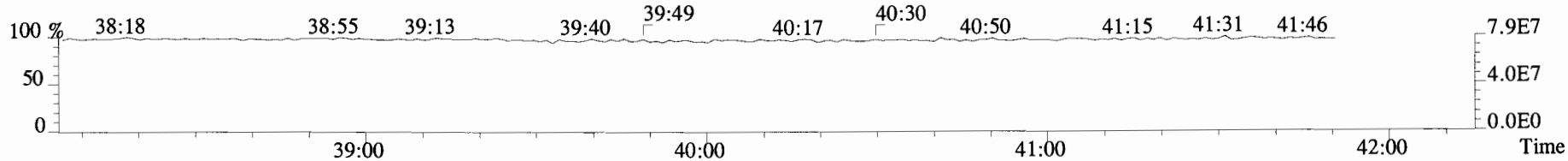
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7456.0,0.00%,F,F)



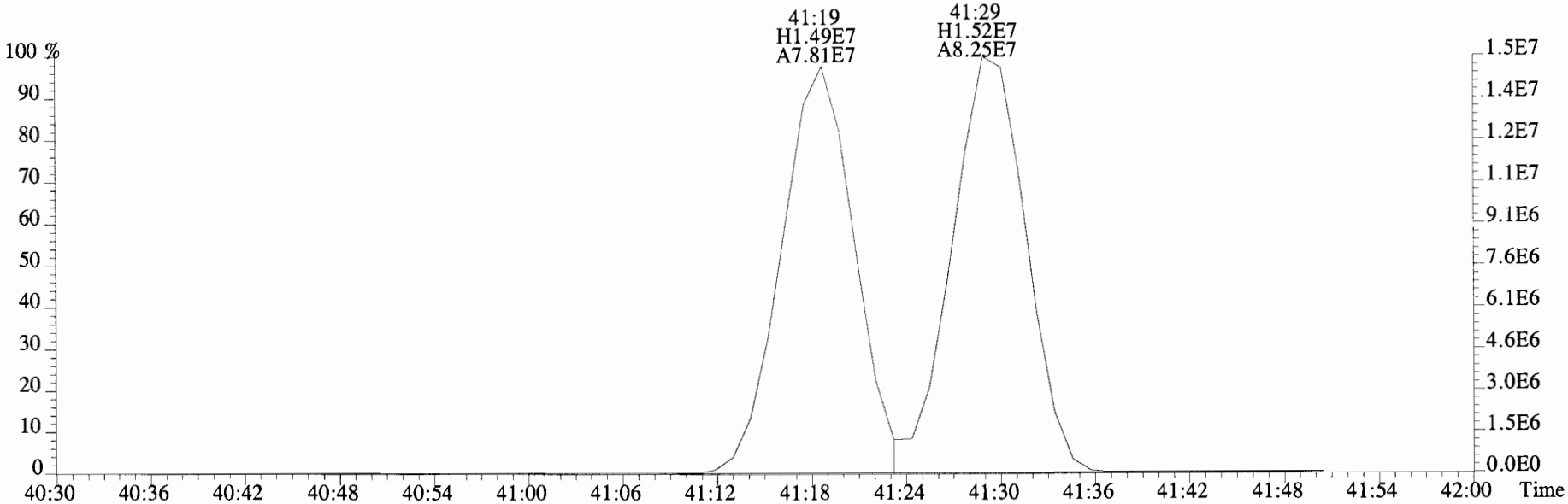
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4200.0,0.00%,F,F)



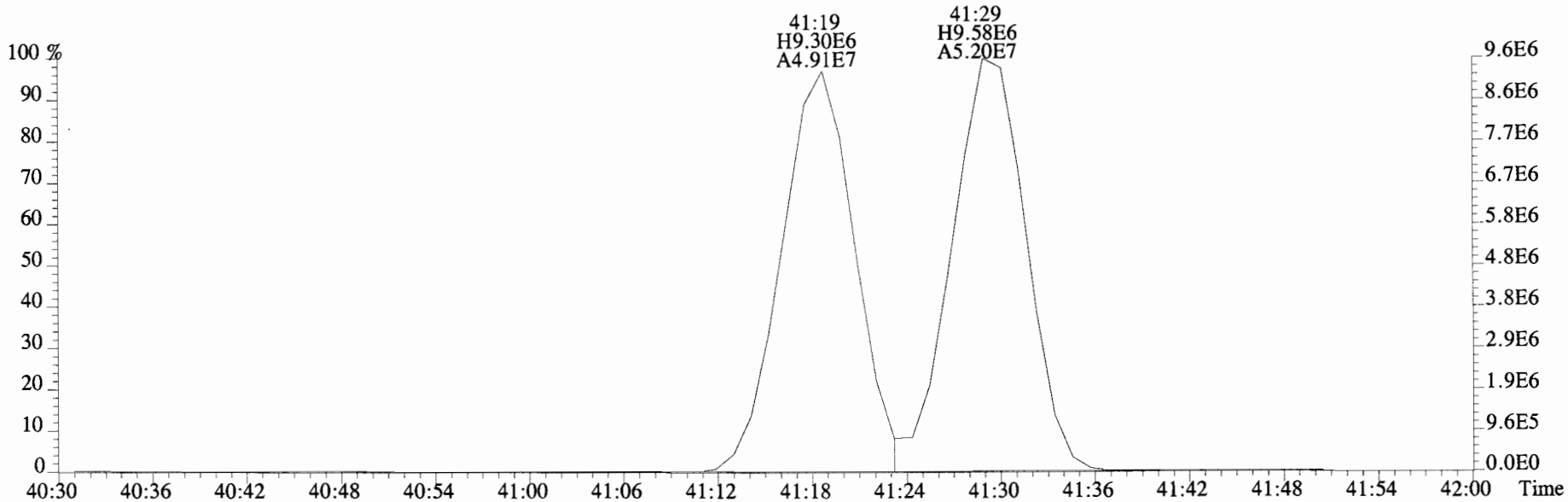
330.9792 S:4 F:3



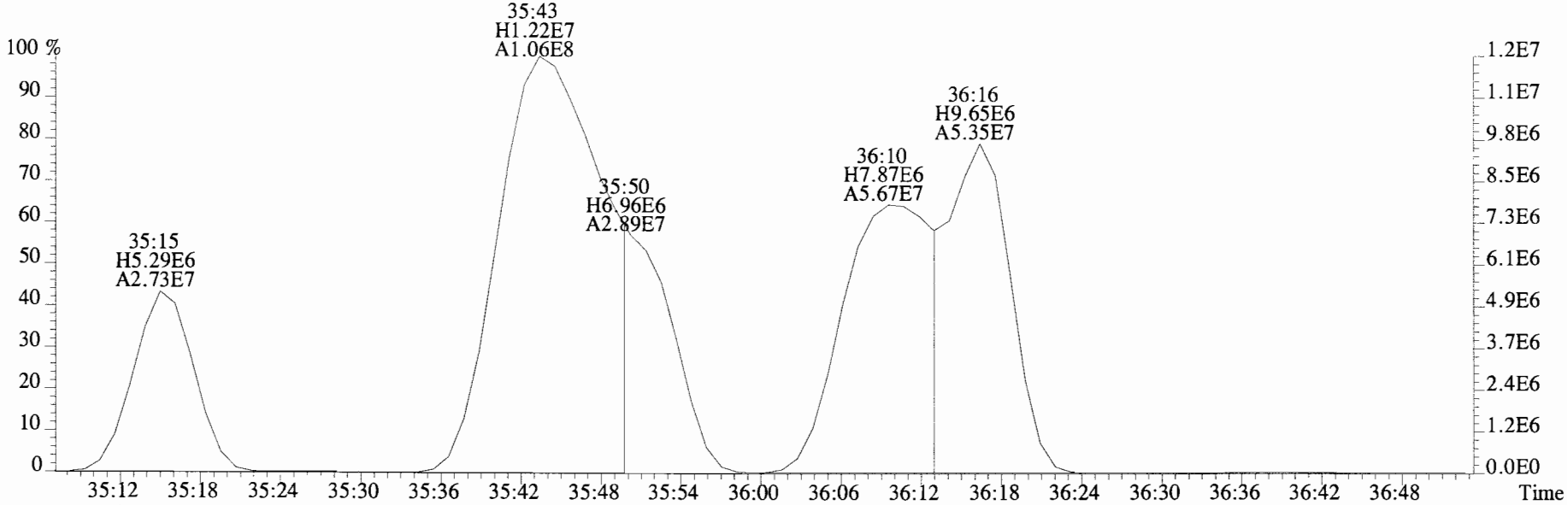
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SlR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7456.0,0.00%,F,F)



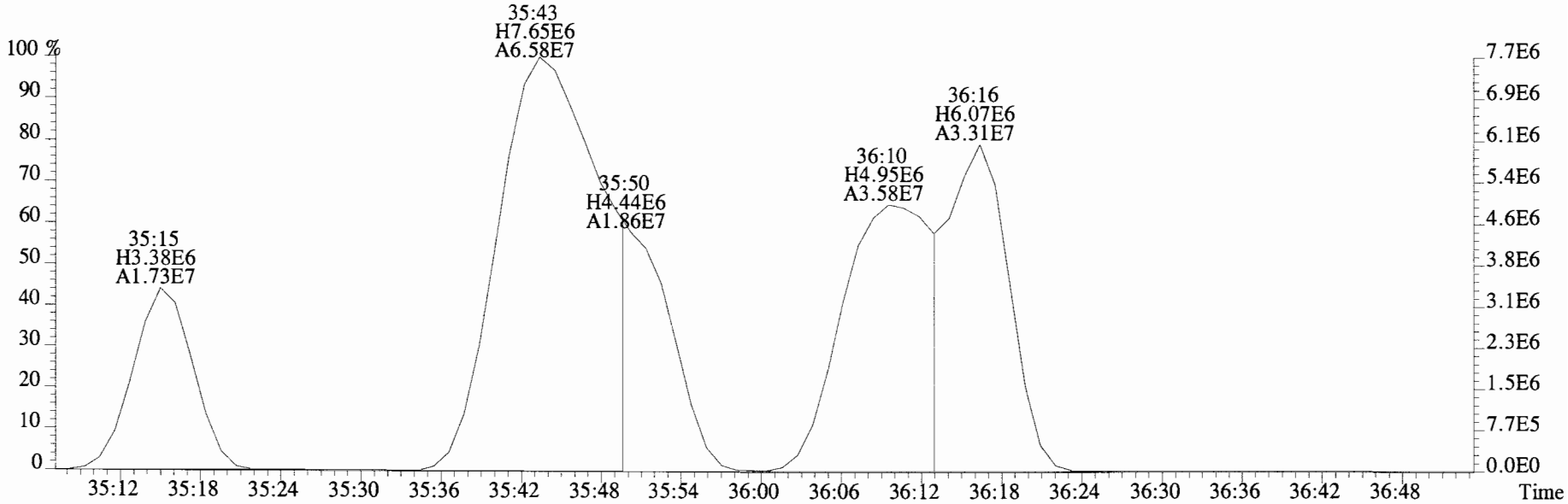
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4200.0,0.00%,F,F)



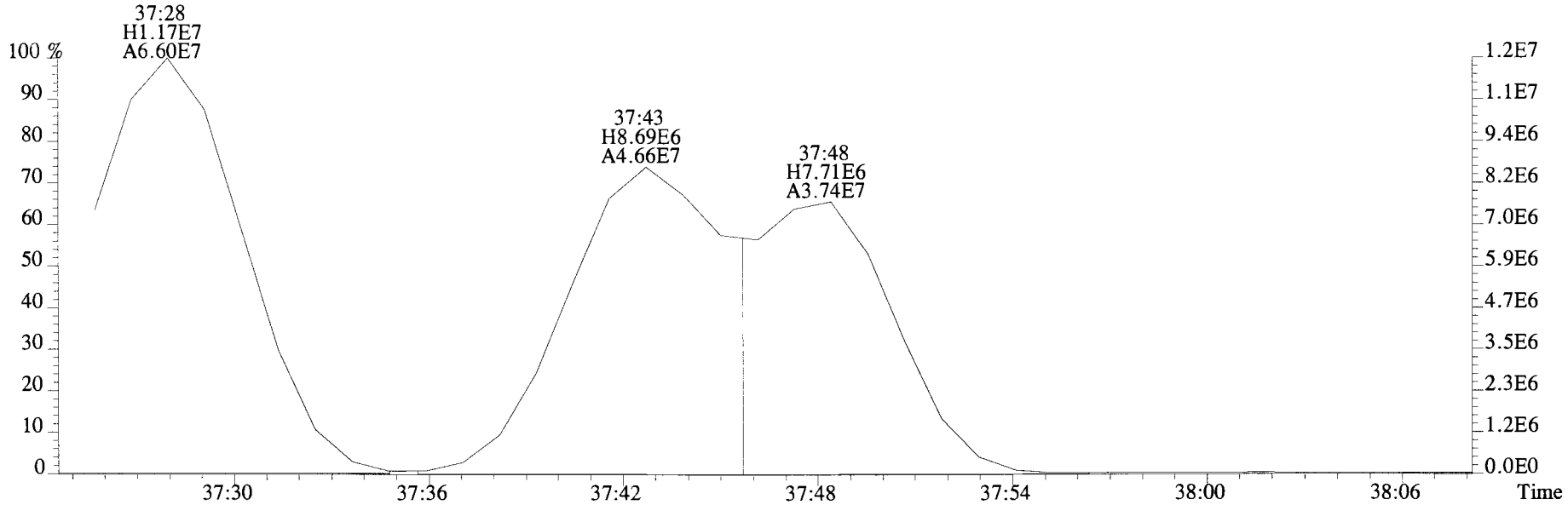
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



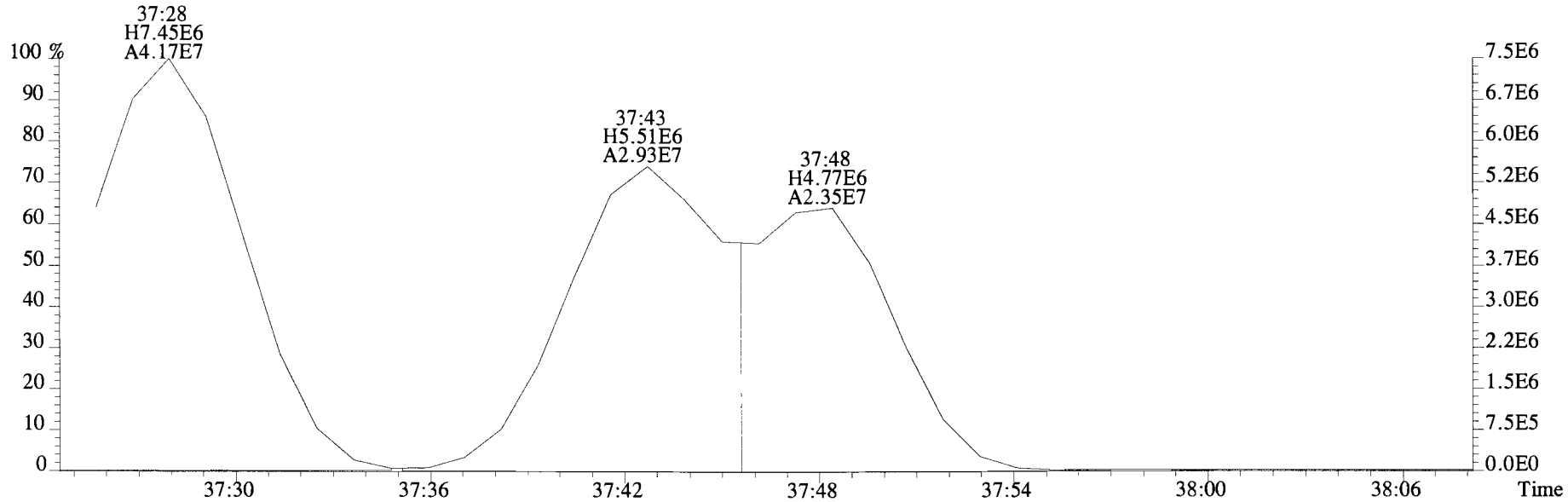
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2092.0,0.00%,F,F)



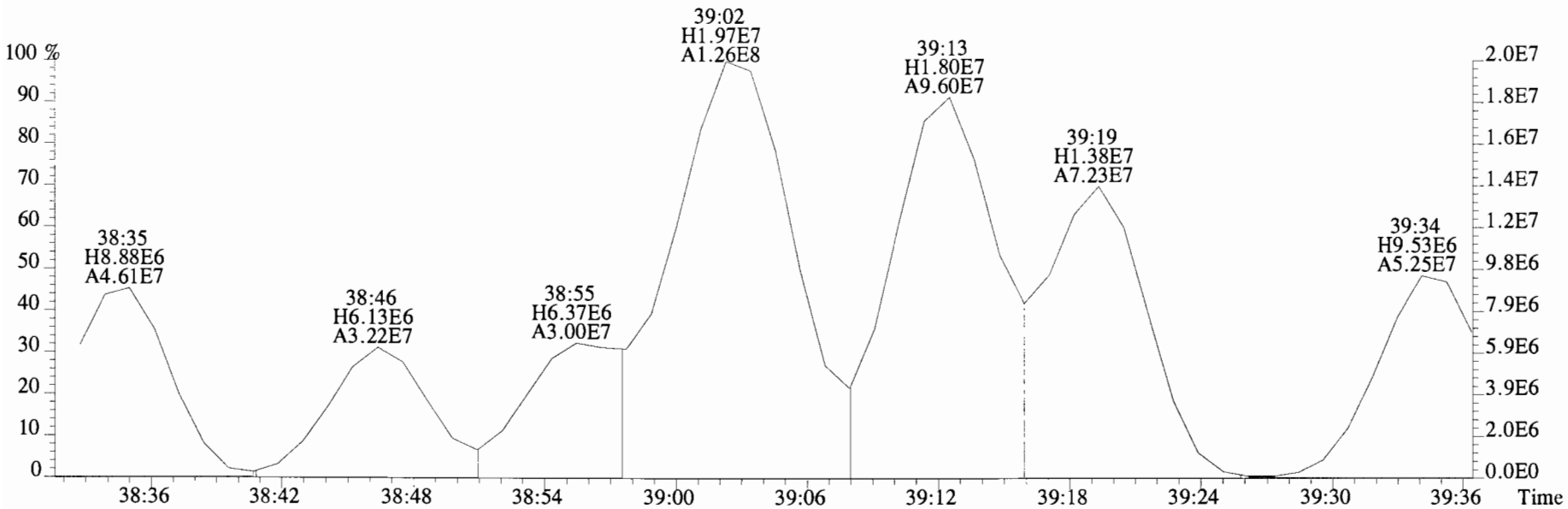
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



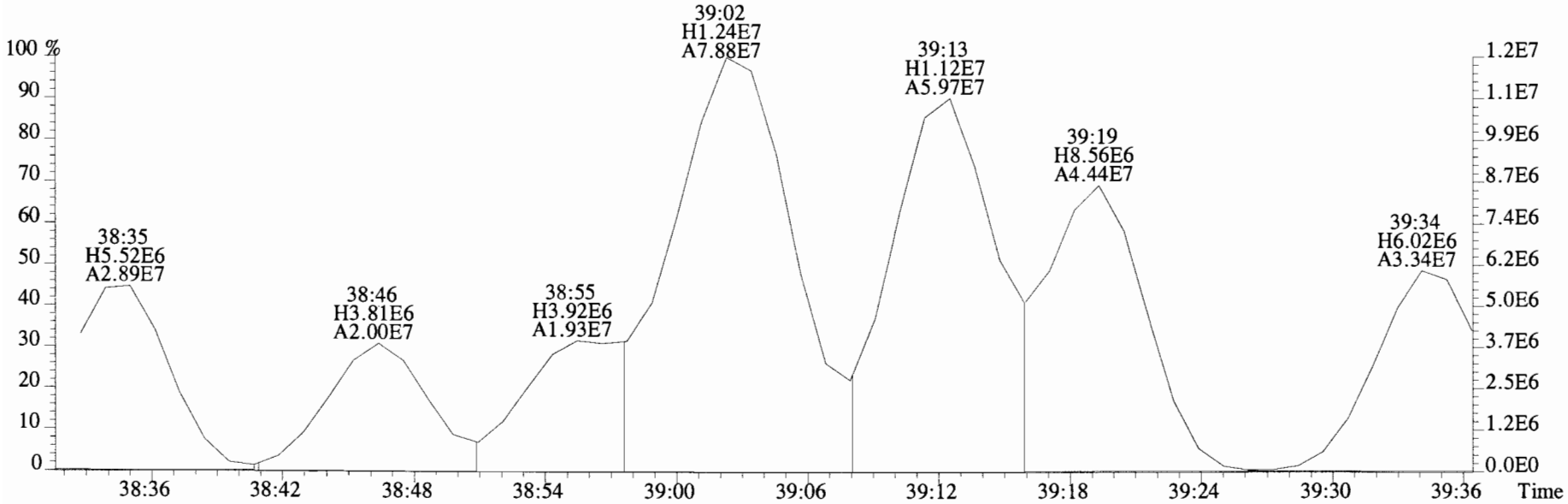
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2092.0,0.00%,F,F)



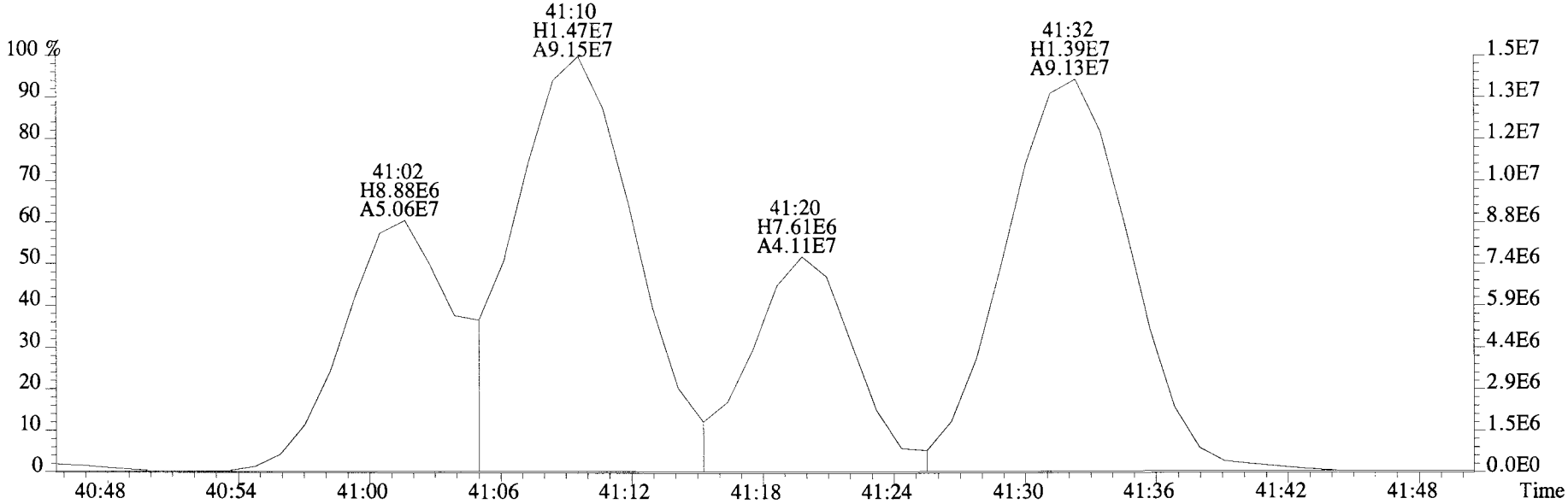
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



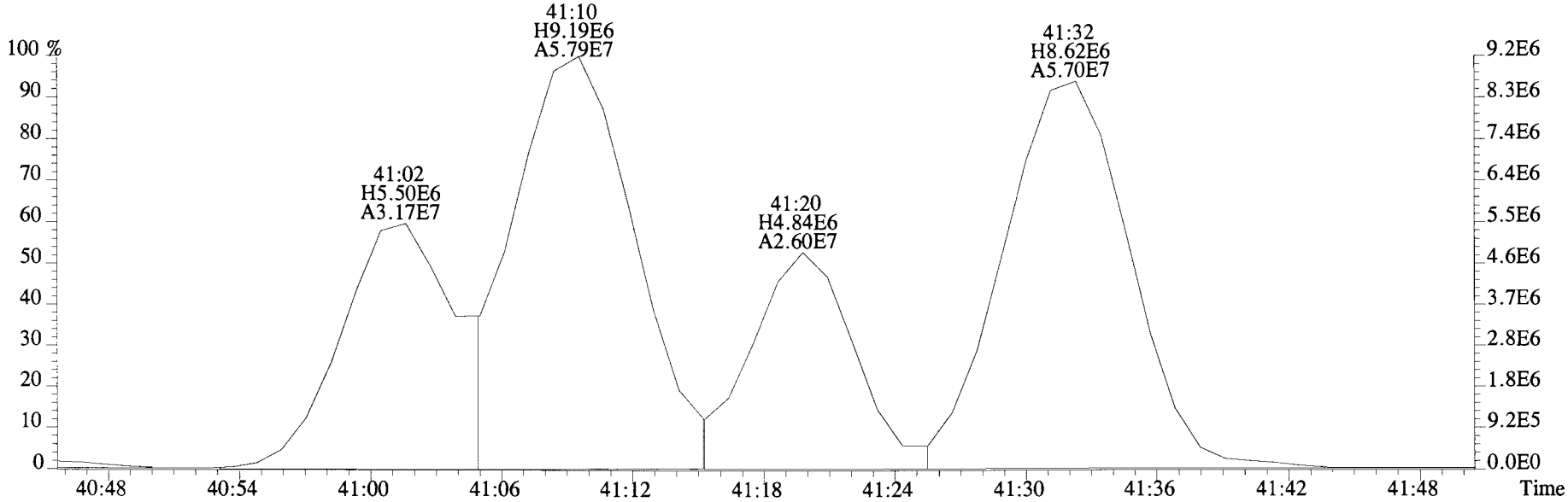
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2092.0,0.00%,F,F)



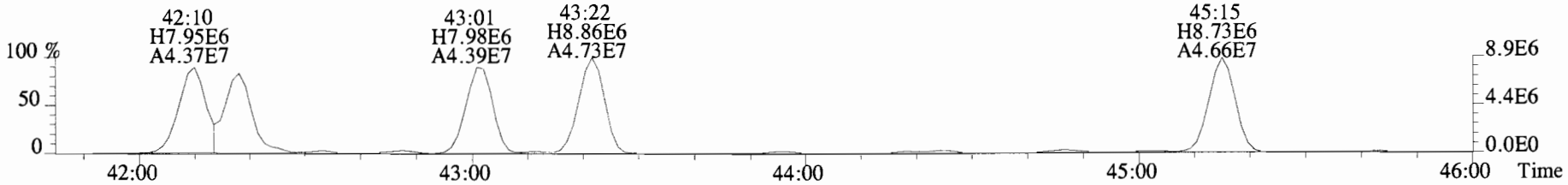
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



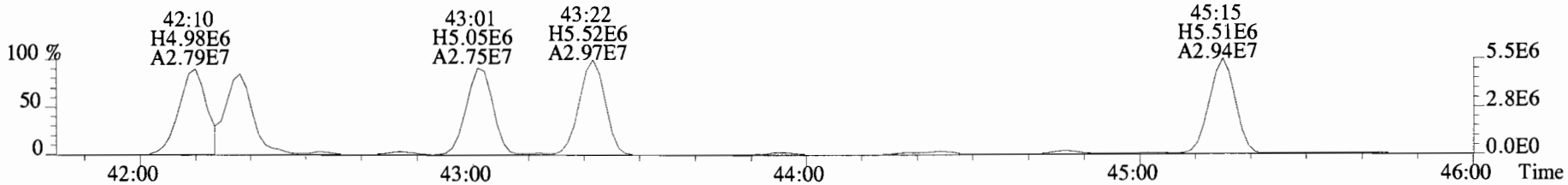
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2092.0,0.00%,F,F)



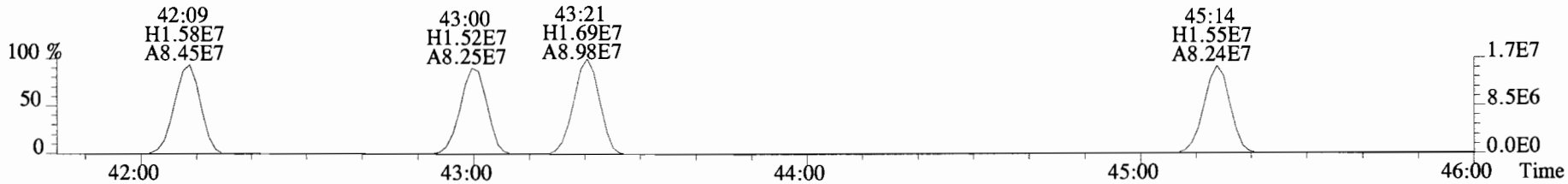
File:180208E1 #1-574 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13140.0,0.00%,F,F)



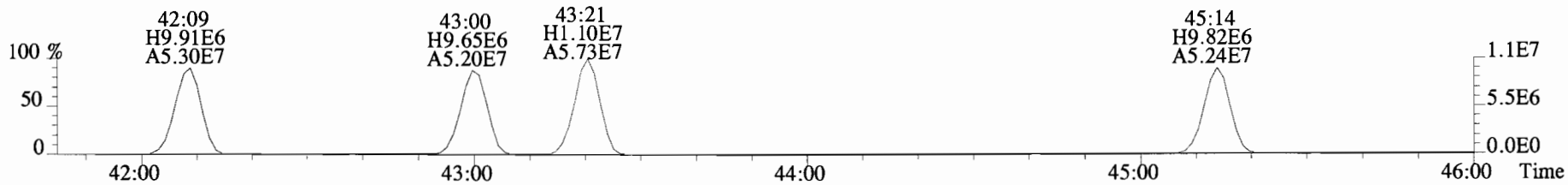
327.8775 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8388.0,0.00%,F,F)



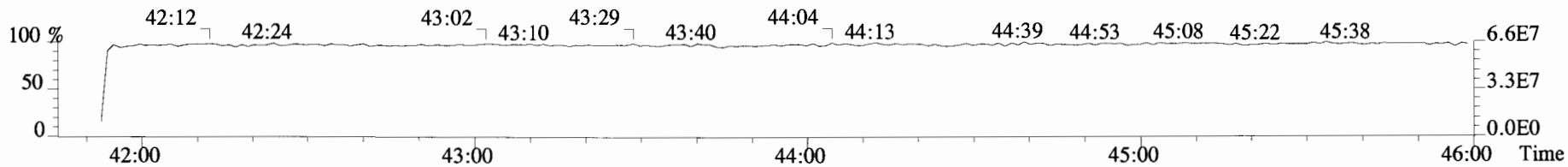
337.9207 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12724.0,0.00%,F,F)



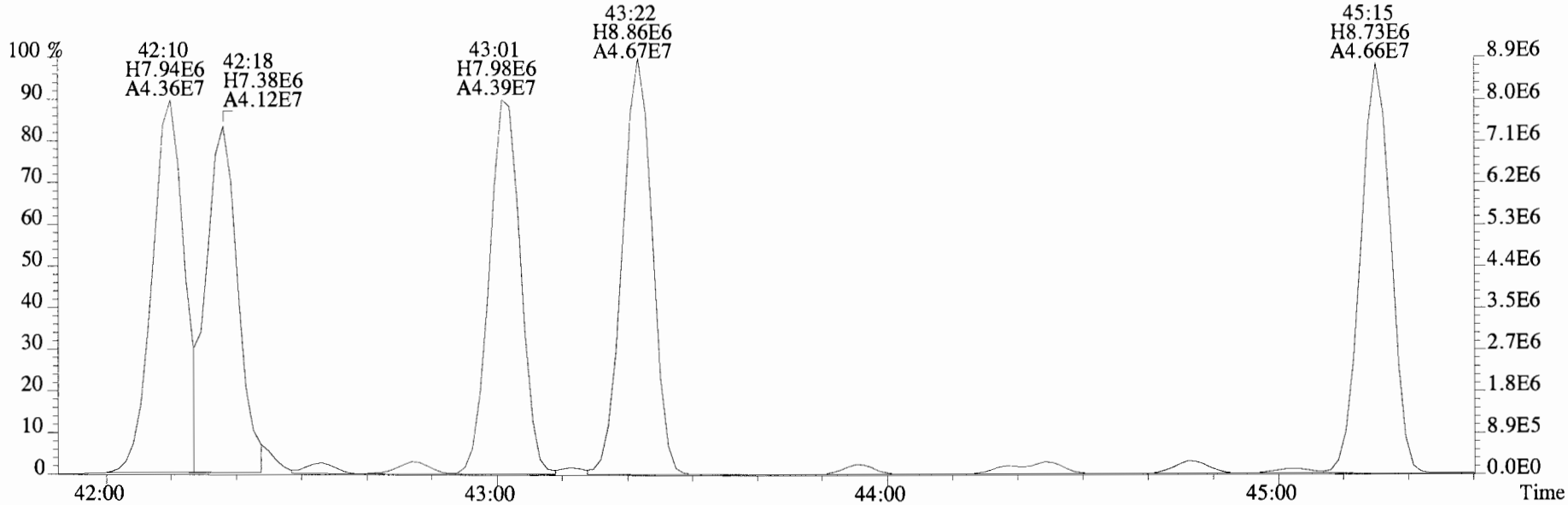
339.9177 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9400.0,0.00%,F,F)



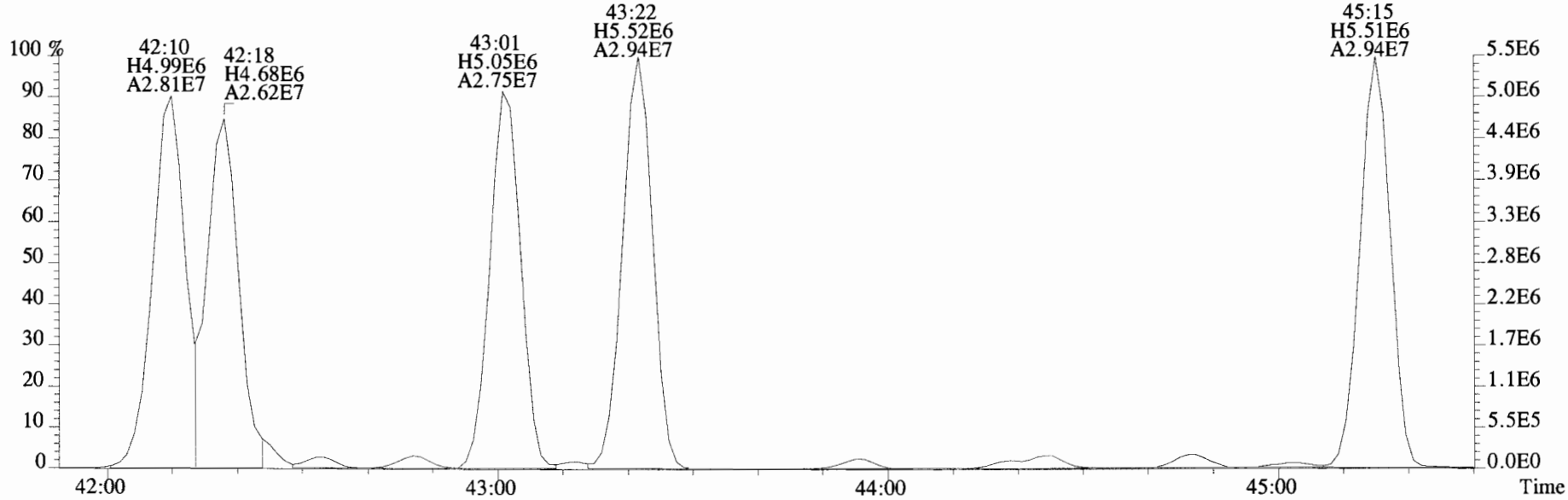
380.9760 S:4 F:4



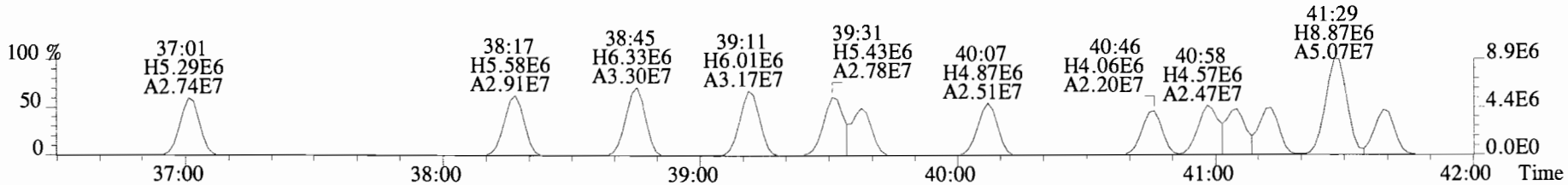
File:180208E1 #1-574 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13140.0,0.00%,F,F)



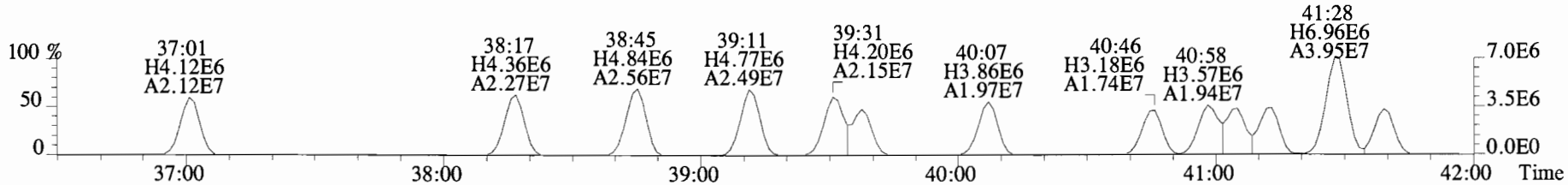
327.8775 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8388.0,0.00%,F,F)



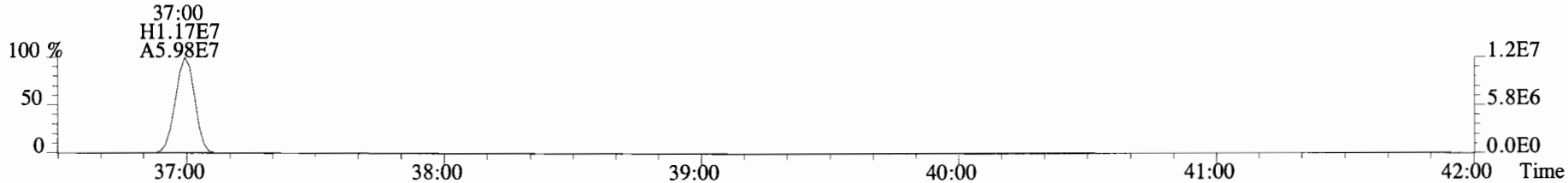
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1812.0,0.00%,F,F)



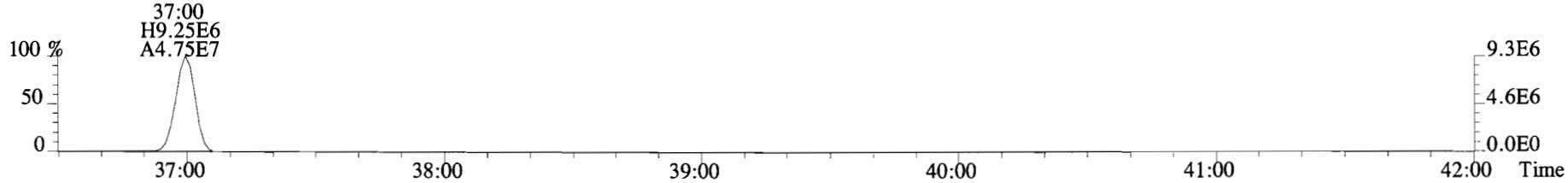
361.8385 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1692.0,0.00%,F,F)



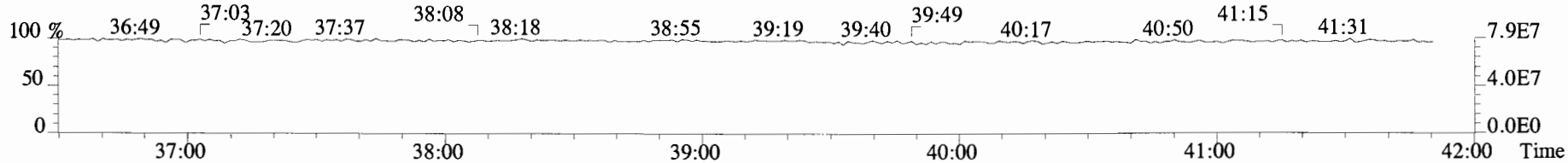
371.8817 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1804.0,0.00%,F,F)



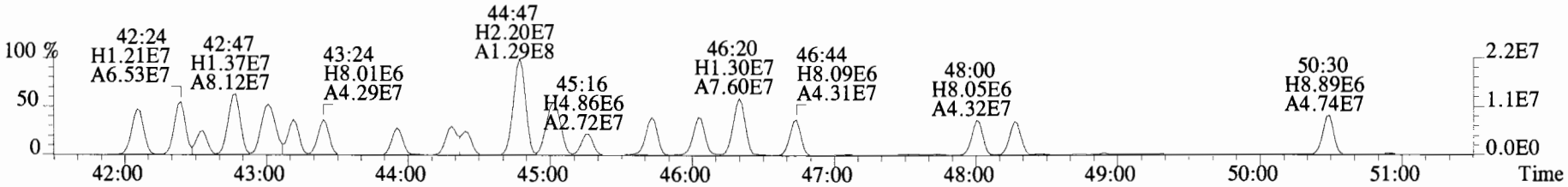
373.8788 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3536.0,0.00%,F,F)



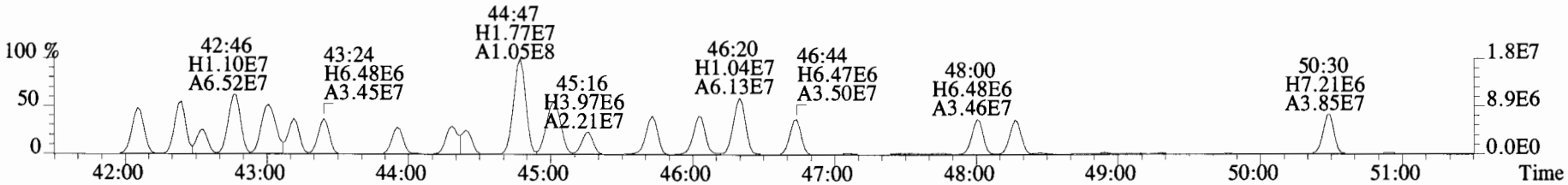
330.9792 S:4 F:3



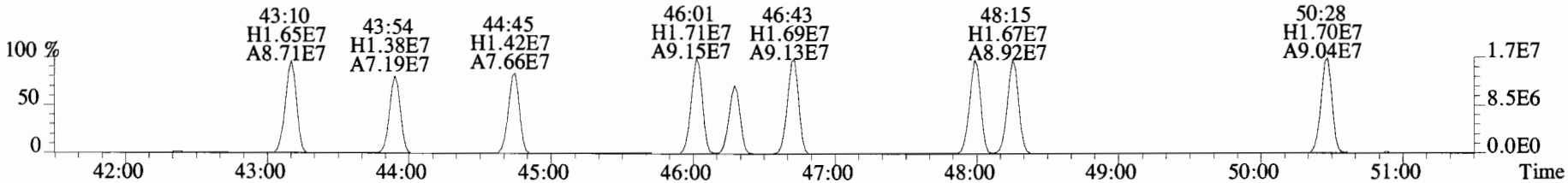
File:180208E1 #1-574 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,60908.0,0.00%,F,F)



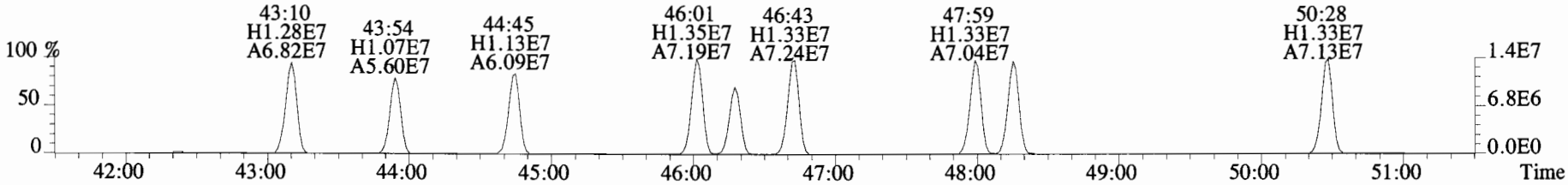
361.8385 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50008.0,0.00%,F,F)



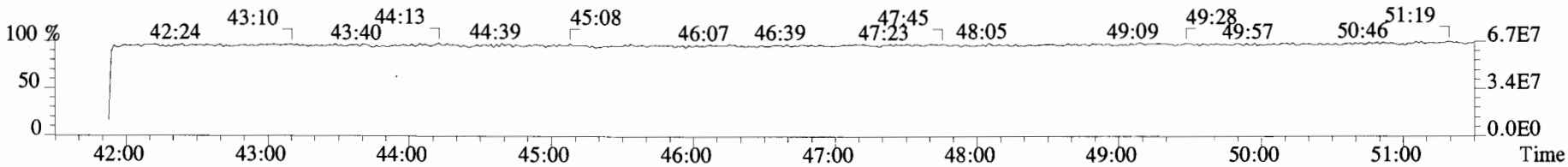
371.8817 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24460.0,0.00%,F,F)



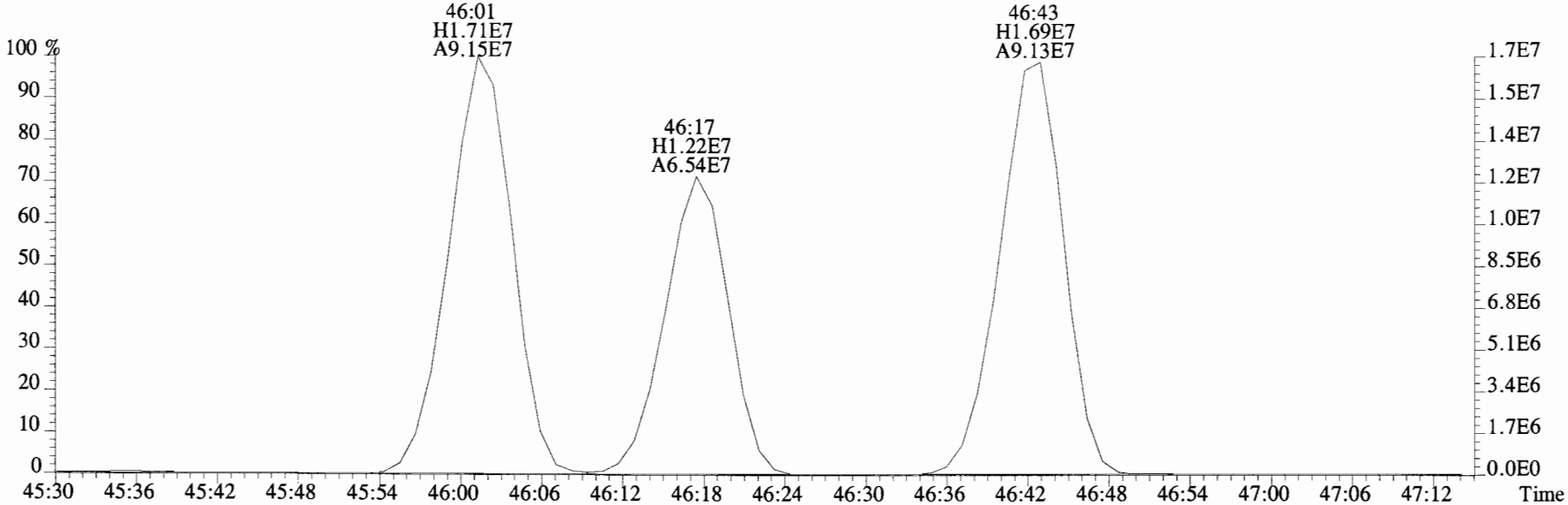
373.8788 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19756.0,0.00%,F,F)



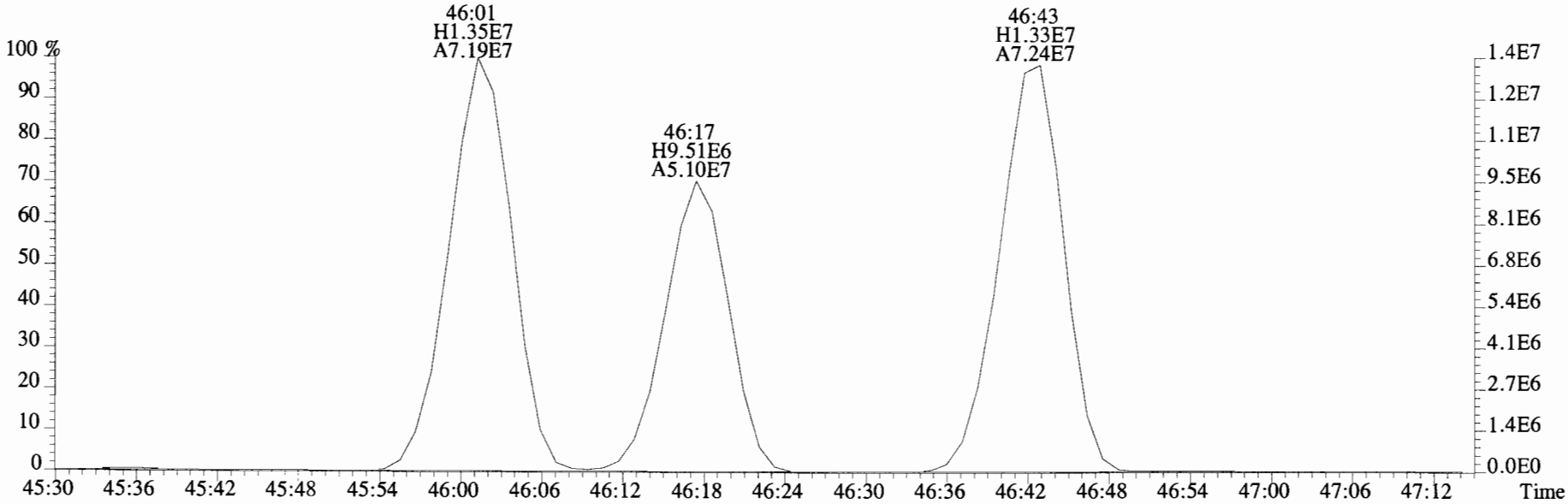
380.9760 S:4 F:4



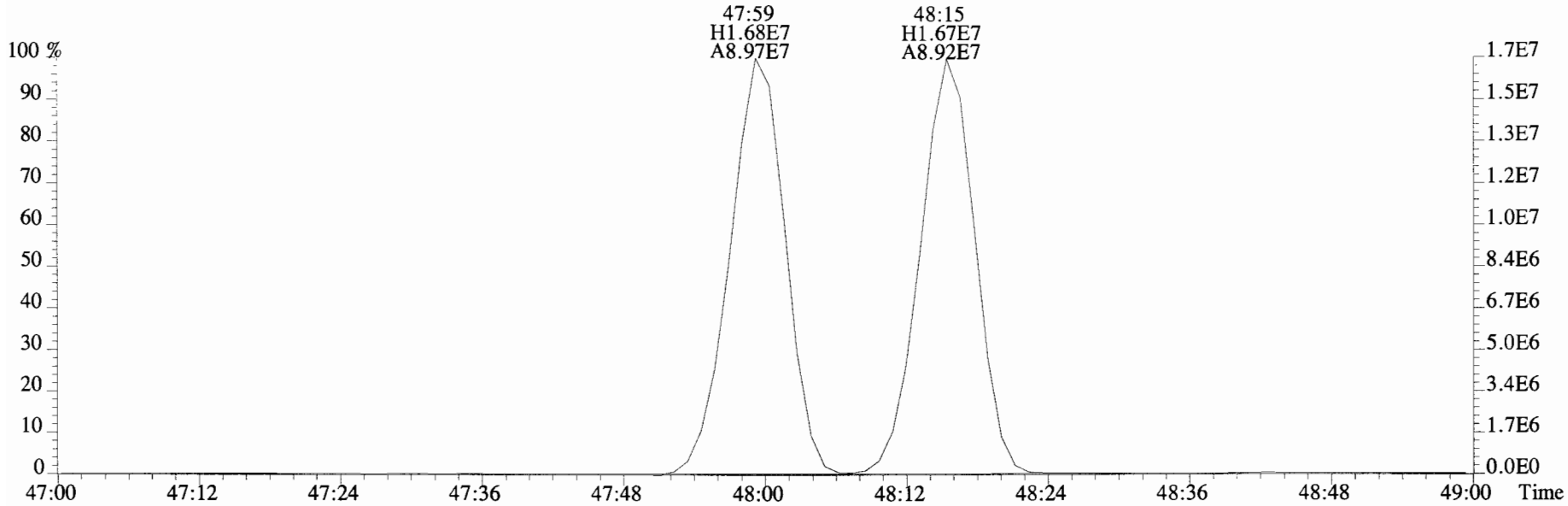
File:180208E1 #1-574 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
371.8817 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24460.0,0.00%,F,F)



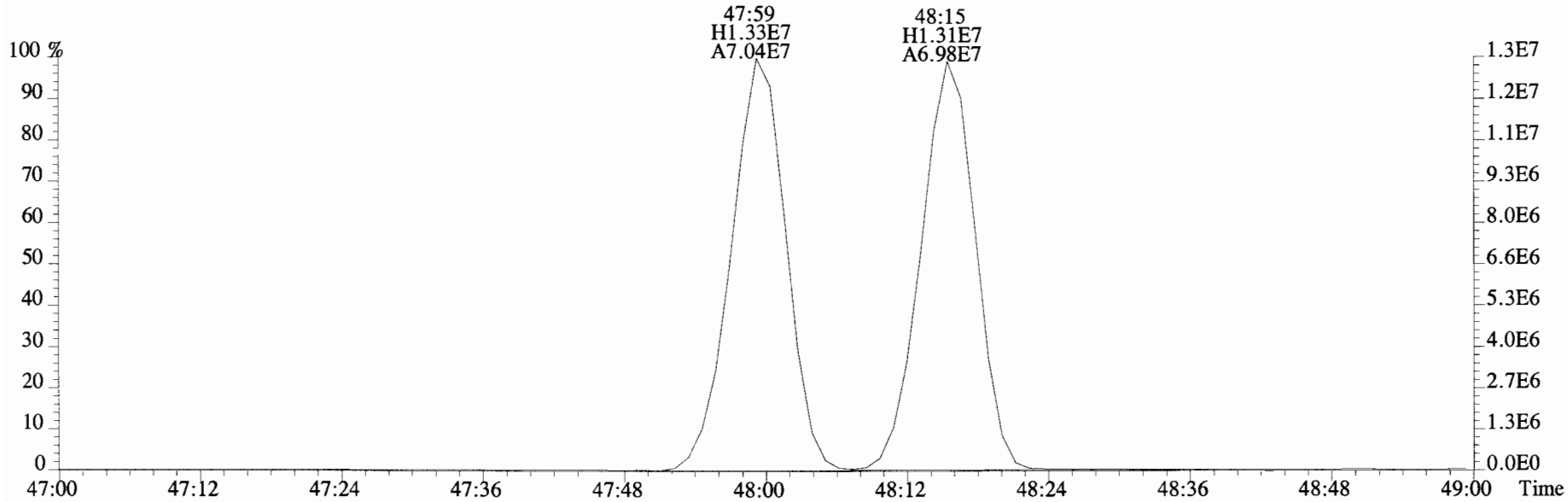
373.8788 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19756.0,0.00%,F,F)



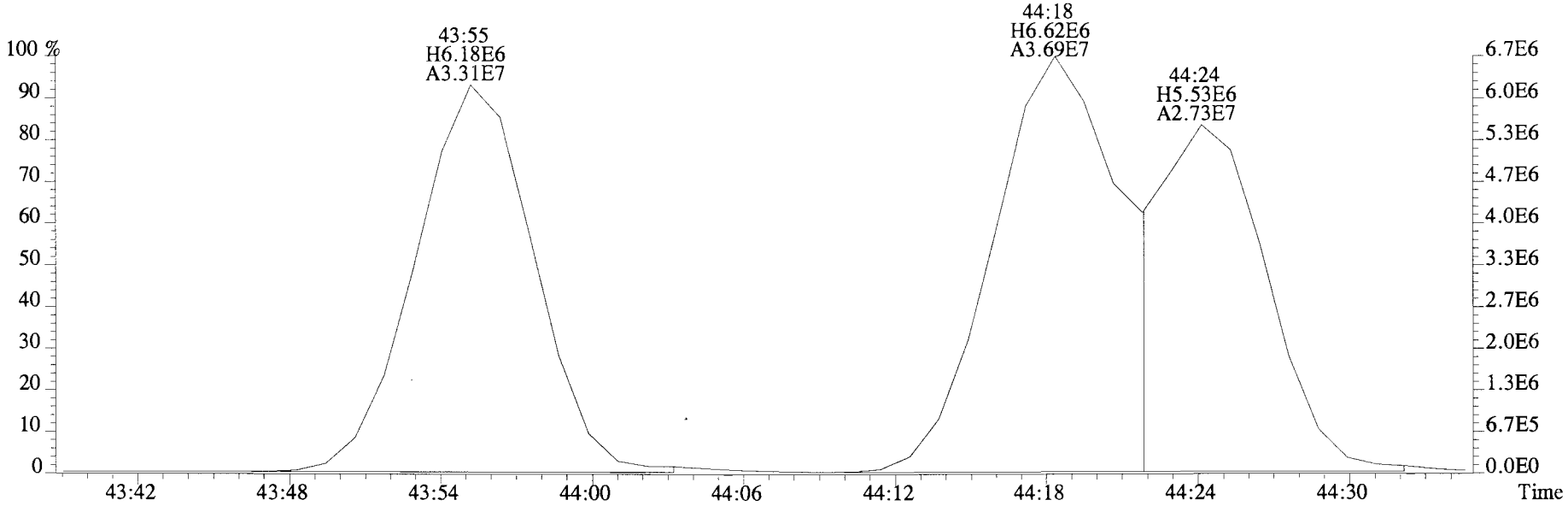
File:180208E1 #1-574 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
371.8817 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24460.0,0.00%,F,F)



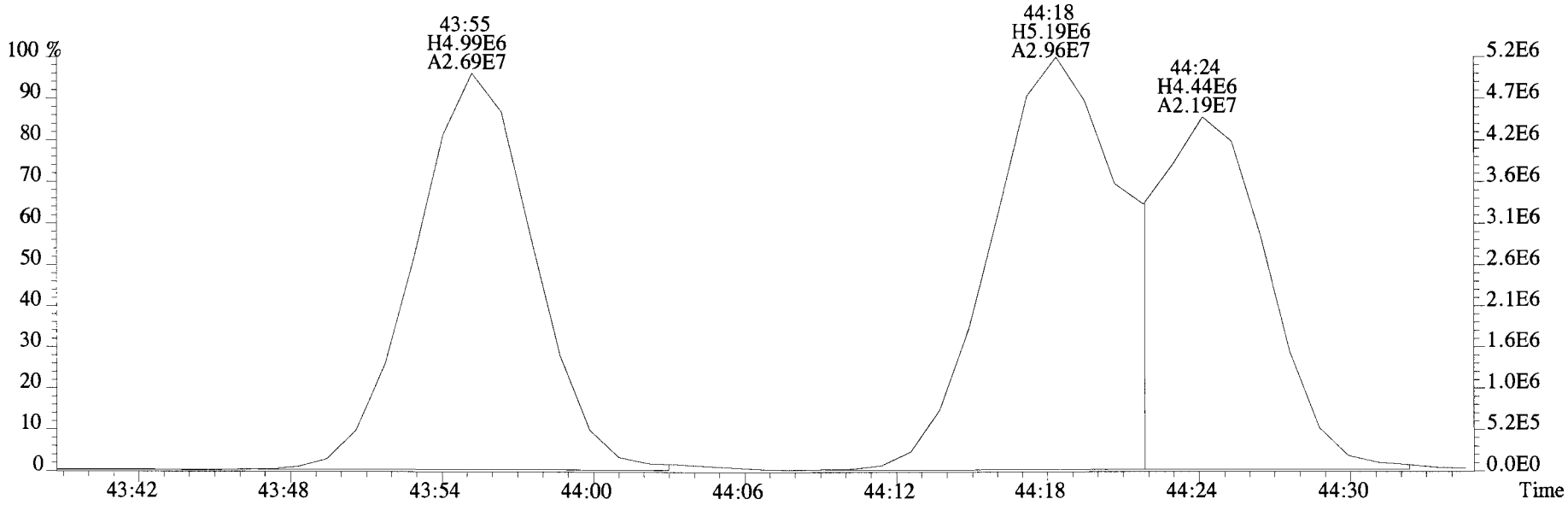
373.8788 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19756.0,0.00%,F,F)



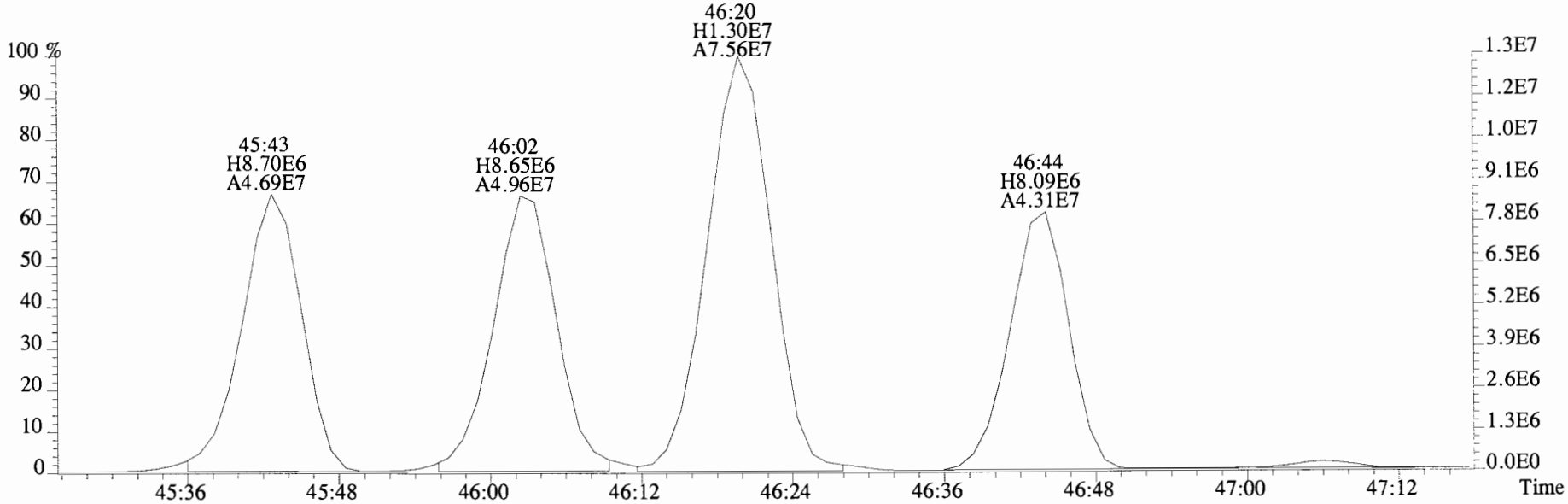
File:180208E1 #1-574 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,60908.0,0.00%,F,F)



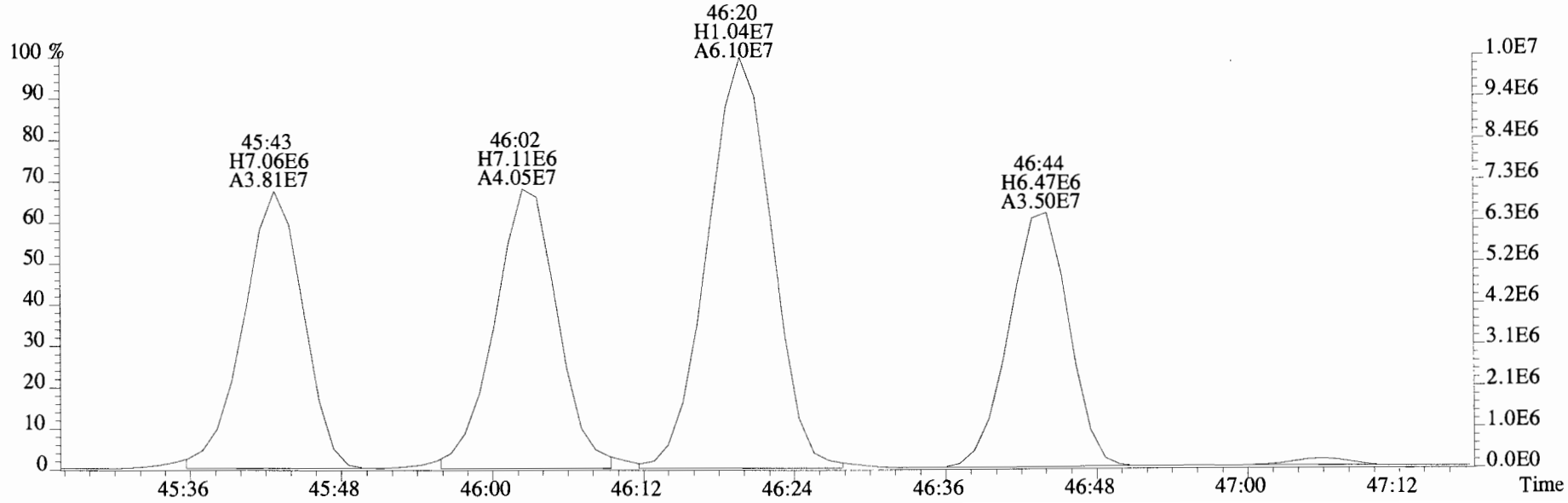
361.8385 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50008.0,0.00%,F,F)



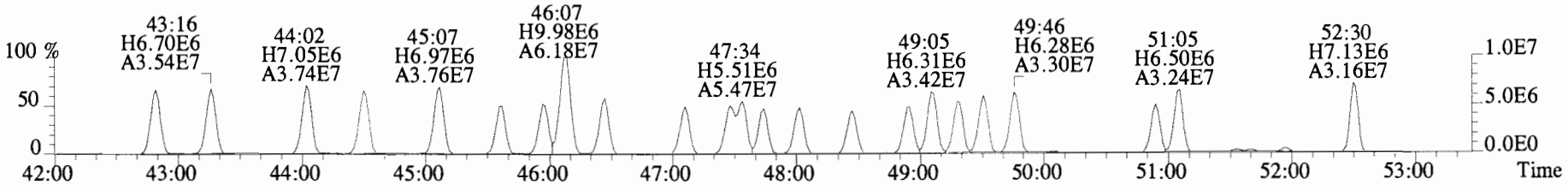
File:180208E1 #1-574 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,60908.0,0.00%,F,F)



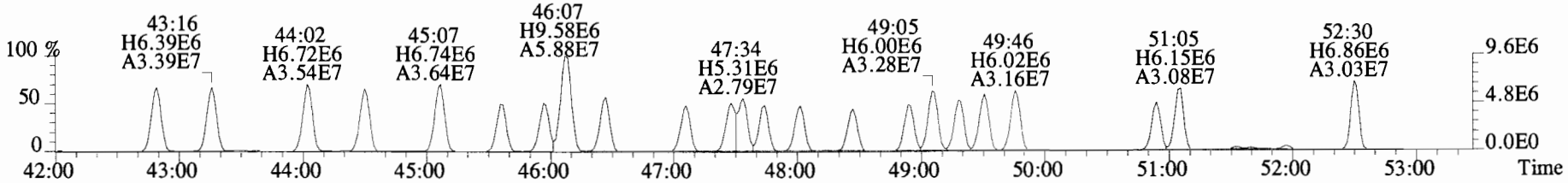
361.8385 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50008.0,0.00%,F,F)



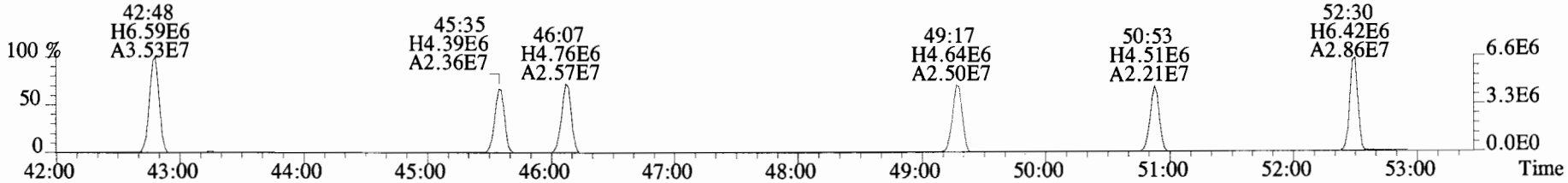
File:180208E1 #1-574 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
393.8025 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43436.0,0.00%,F,F)



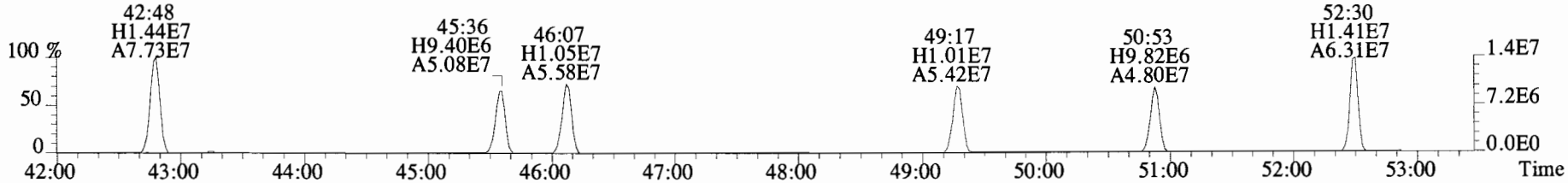
395.7995 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39792.0,0.00%,F,F)



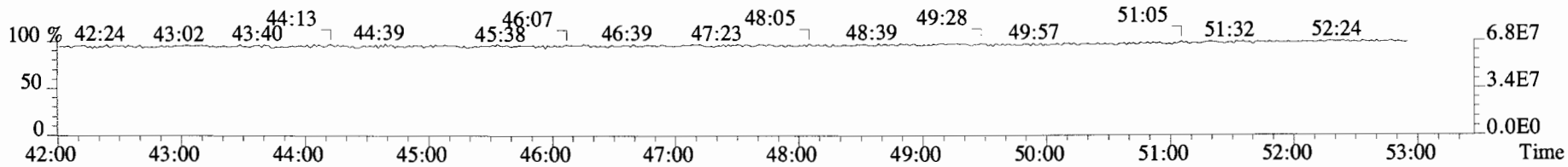
403.8457 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8856.0,0.00%,F,F)



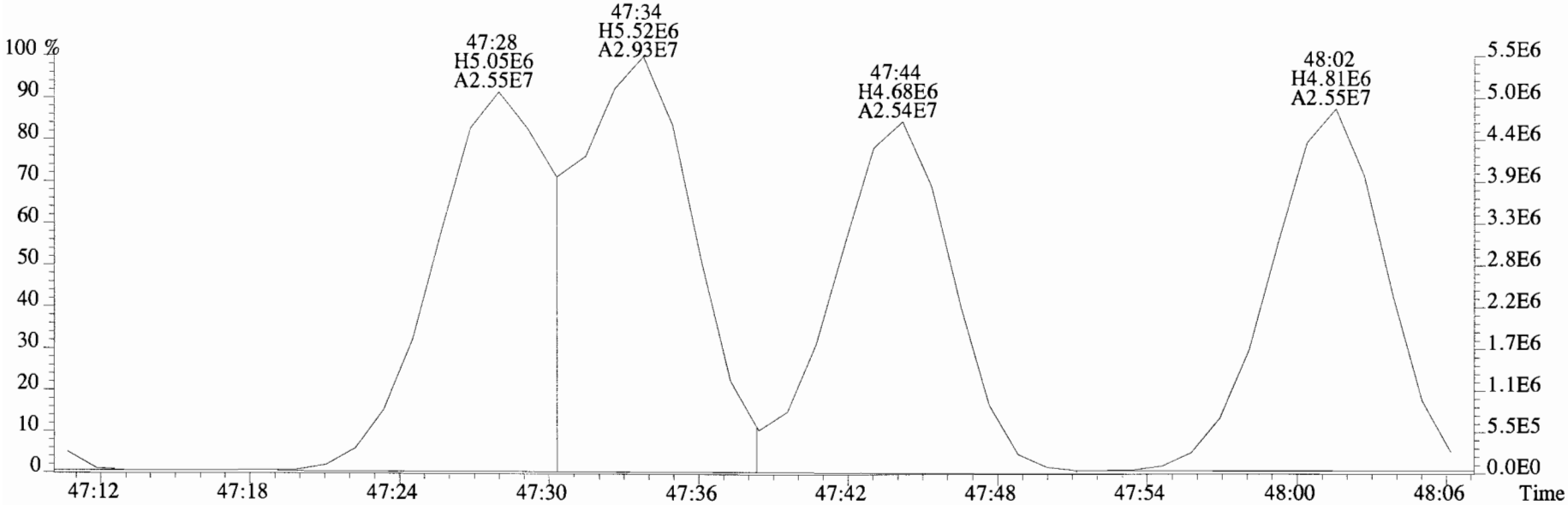
405.8428 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16584.0,0.00%,F,F)



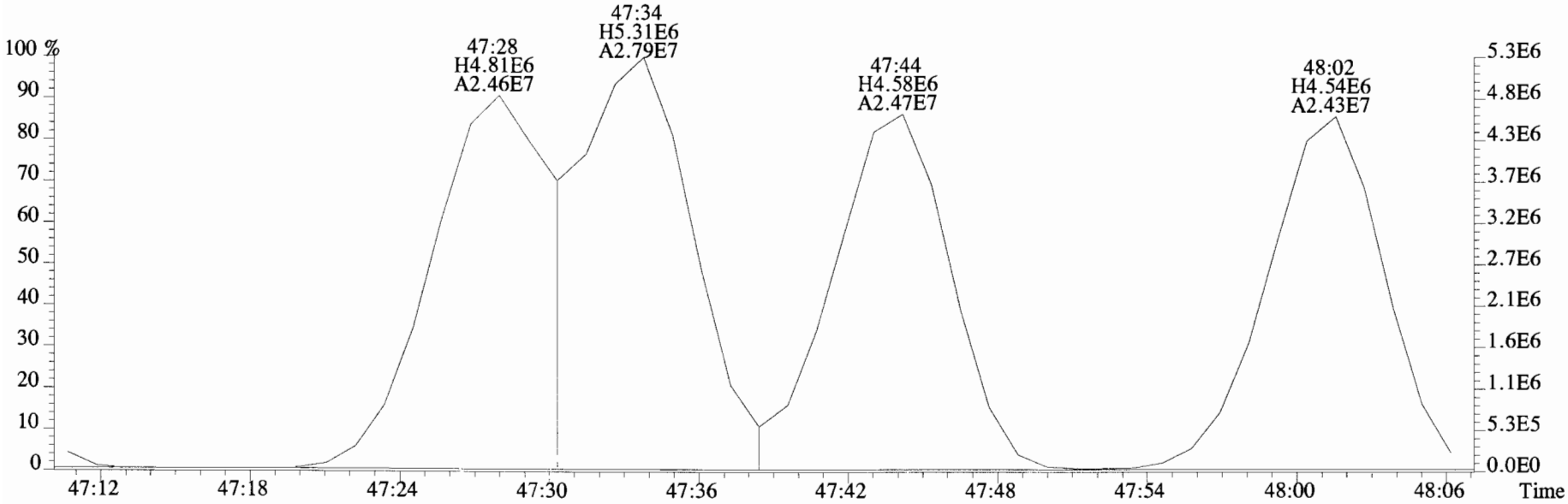
380.9760 S:4 F:4



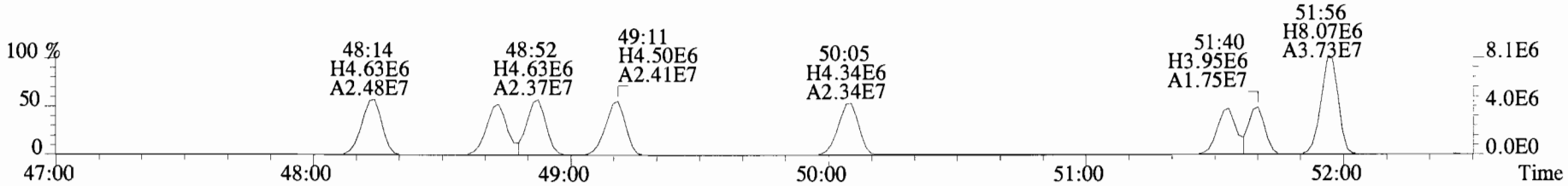
File:180208E1 #1-574 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
393.8025 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43436.0,0.00%,F,F)



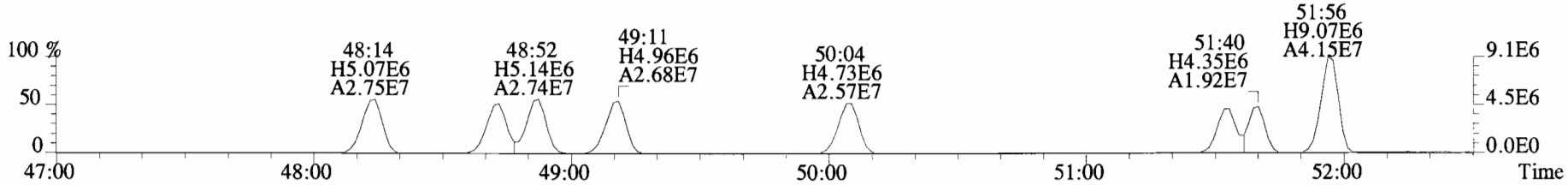
395.7995 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39792.0,0.00%,F,F)



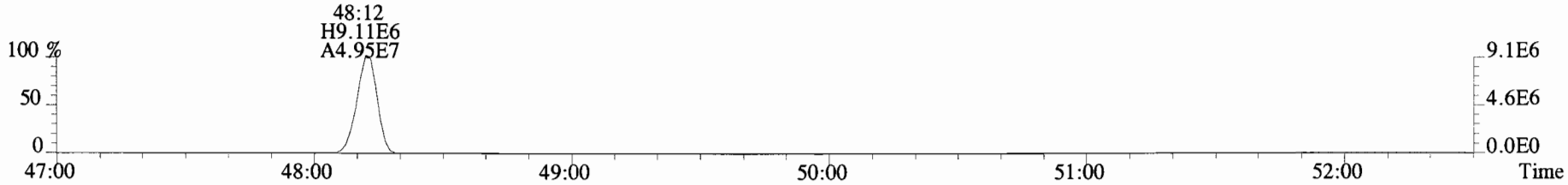
File:180208E1 #1-574 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
427.7635 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1764.0,0.00%,F,F)



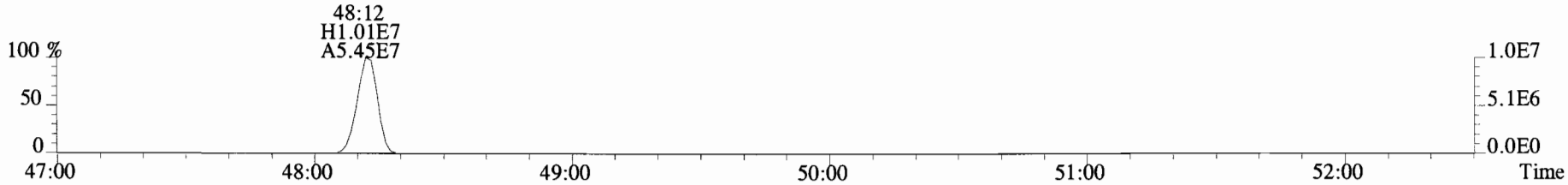
429.7606 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1516.0,0.00%,F,F)



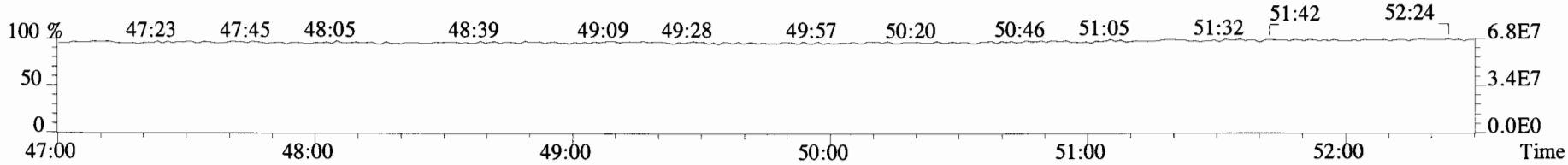
439.8038 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1792.0,0.00%,F,F)



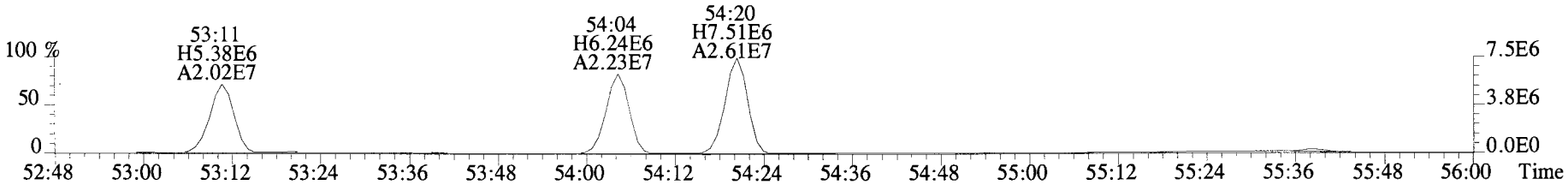
441.8008 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2288.0,0.00%,F,F)



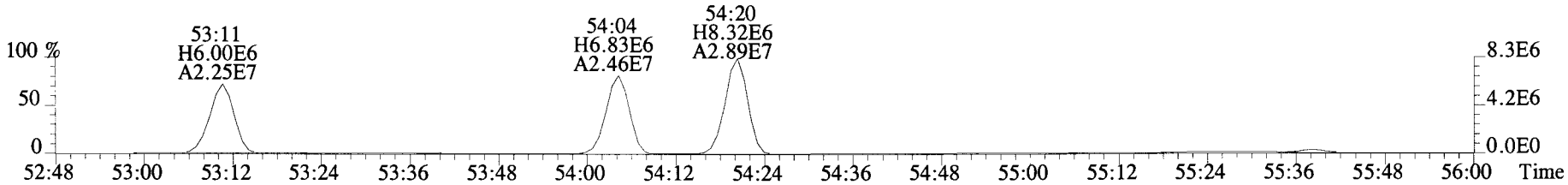
380.9760 S:4 F:4



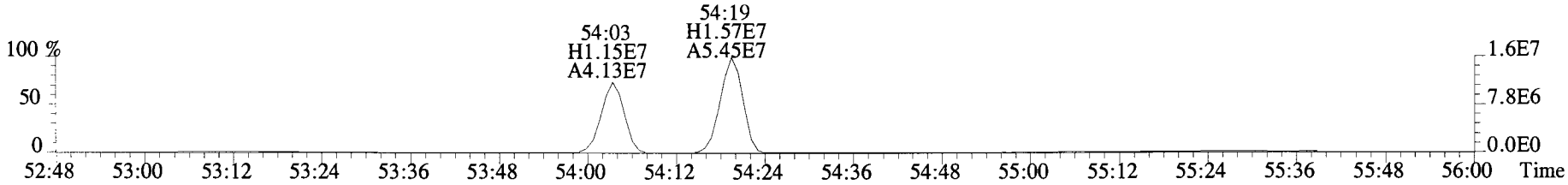
File:180208E1 #1-407 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SiR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
427.7635 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39764.0,0.00%,F,F)



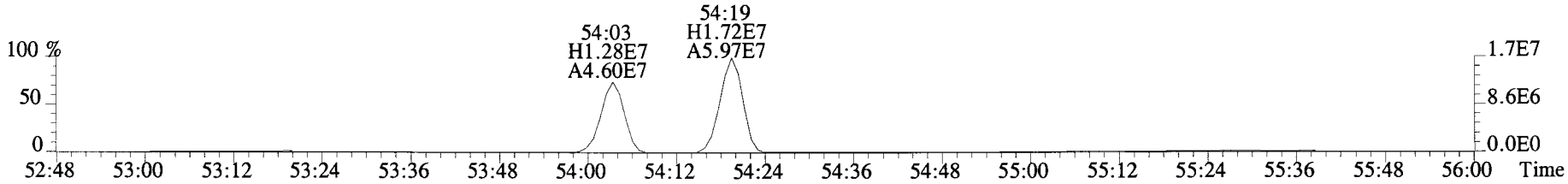
429.7606 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33268.0,0.00%,F,F)



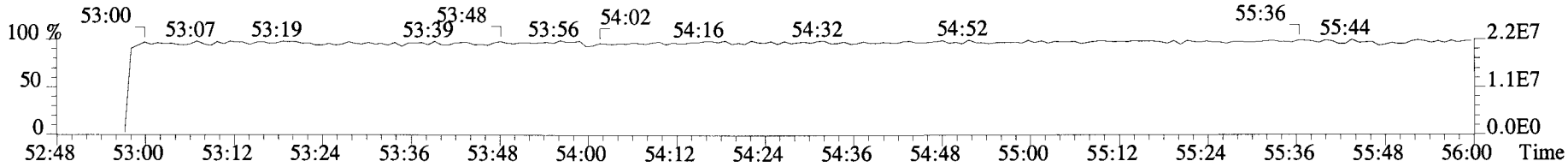
439.8038 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8472.0,0.00%,F,F)



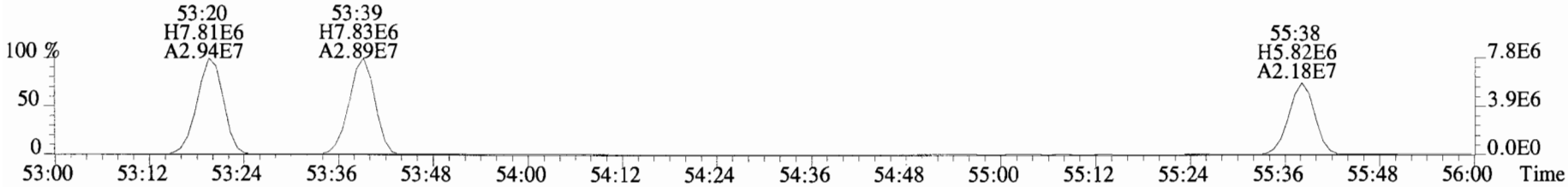
441.8008 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9876.0,0.00%,F,F)



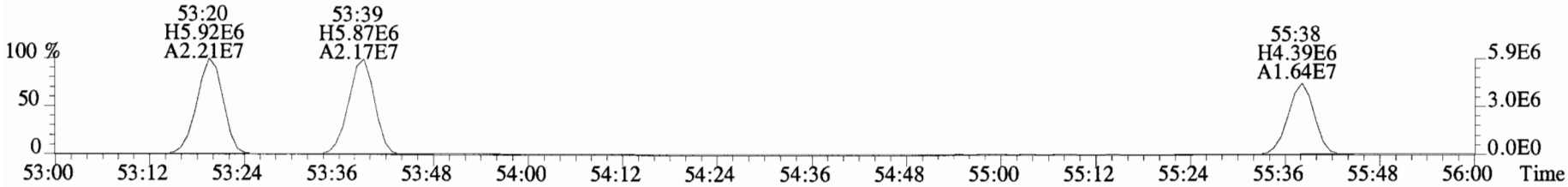
492.9697 S:4 F:5



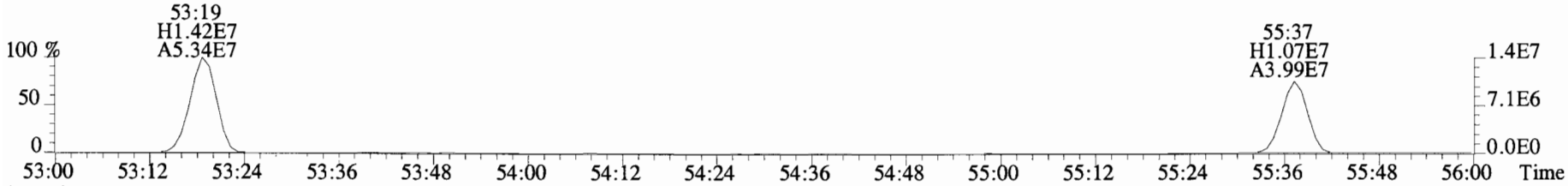
File:180208E1 #1-407 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
463.7216 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28604.0,0.00%,F,F)



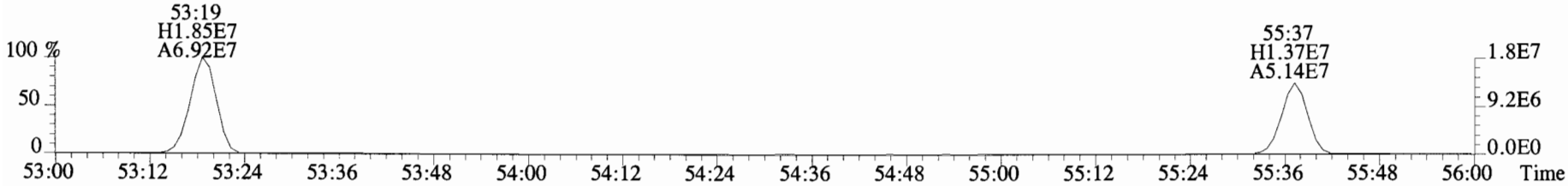
465.7186 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21100.0,0.00%,F,F)



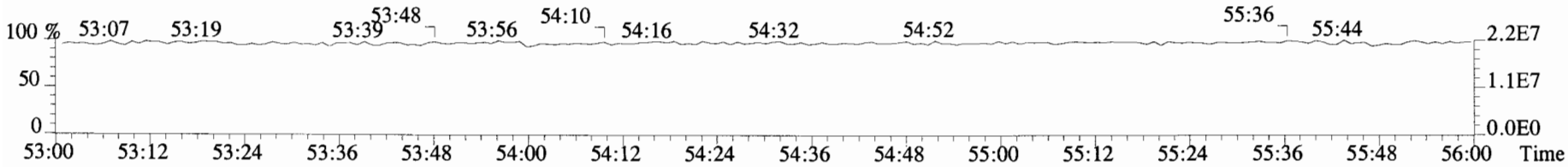
473.7648 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,41640.0,0.00%,F,F)



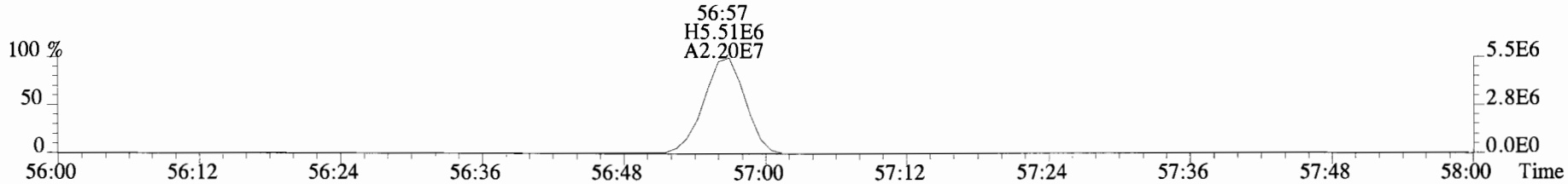
475.7619 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50524.0,0.00%,F,F)



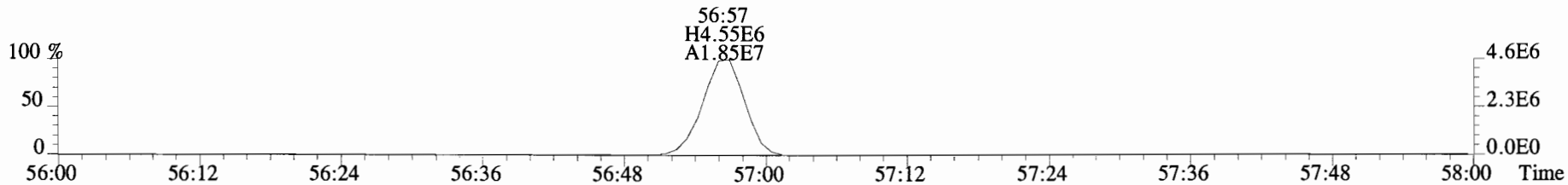
492.9697 S:4 F:5



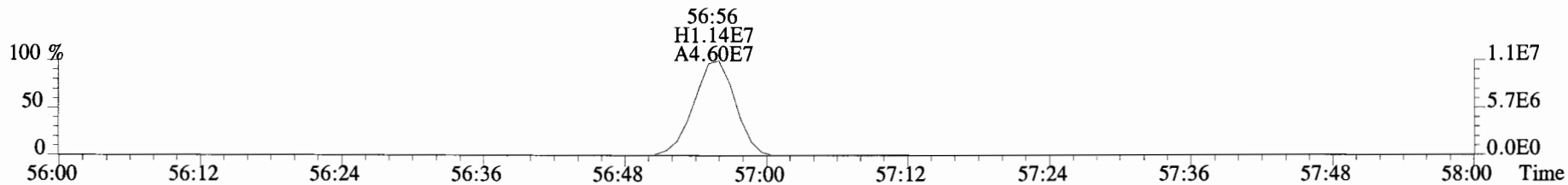
File:180208E1 #1-407 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
497.6826 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1492.0,0.00%,F,F)



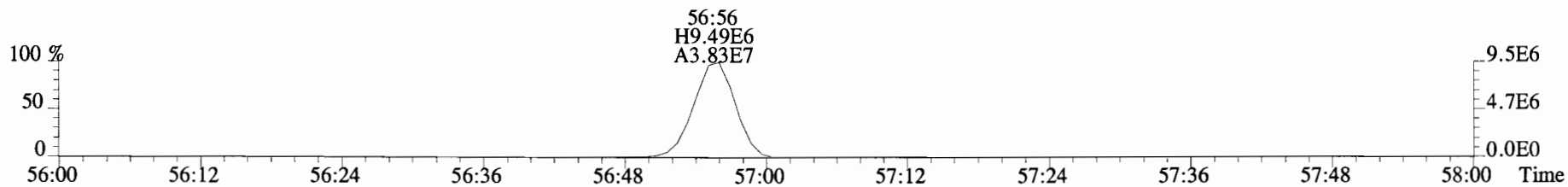
499.6797 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1396.0,0.00%,F,F)



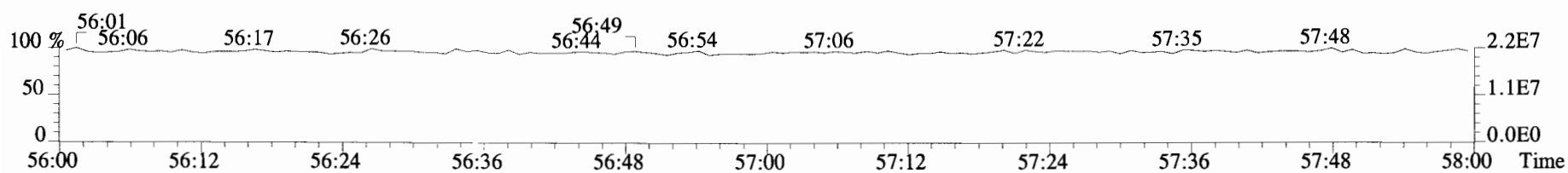
509.7229 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1512.0,0.00%,F,F)



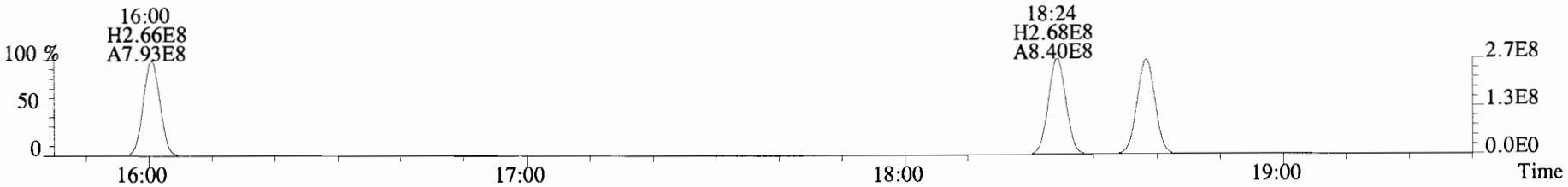
511.7199 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1476.0,0.00%,F,F)



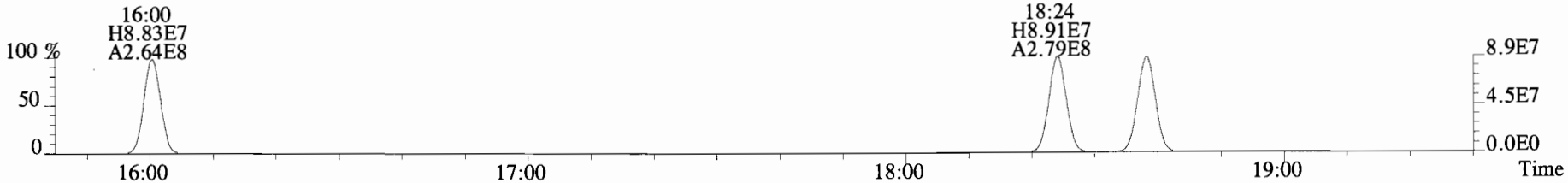
492.9697 S:4 F:5



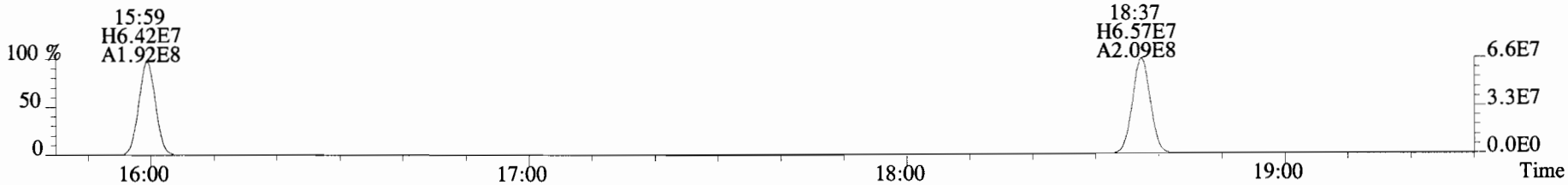
File:180208E1 #1-867 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
188.0393 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11396.0,0.00%,F,F)



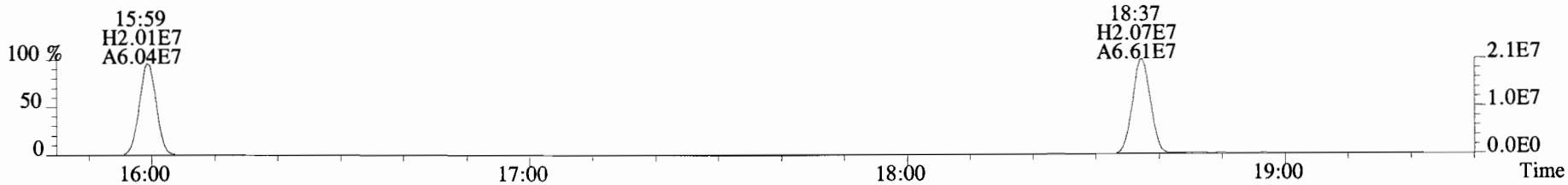
190.0363 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7896.0,0.00%,F,F)



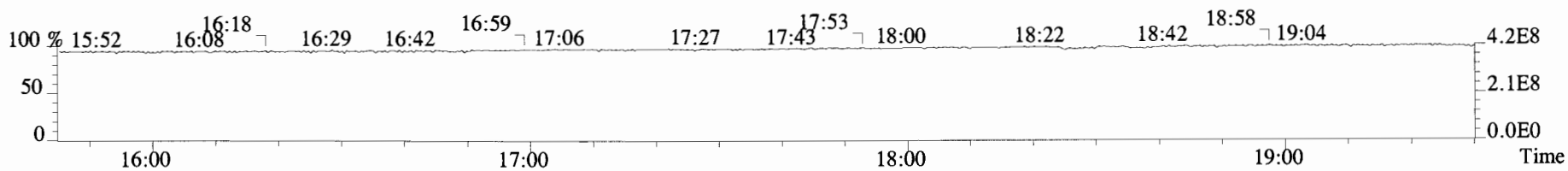
200.0795 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7952.0,0.00%,F,F)



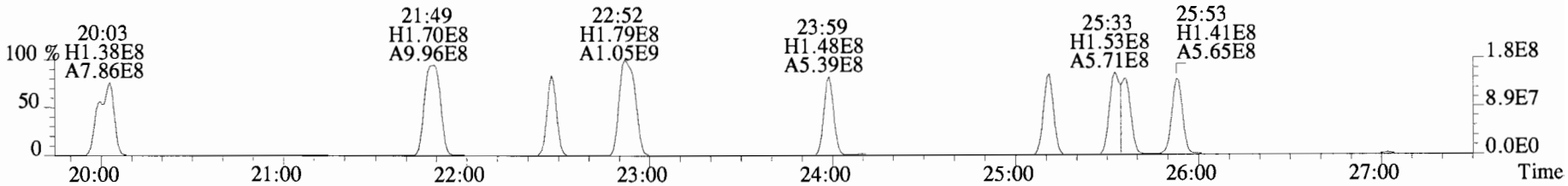
202.0766 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,42388.0,0.00%,F,F)



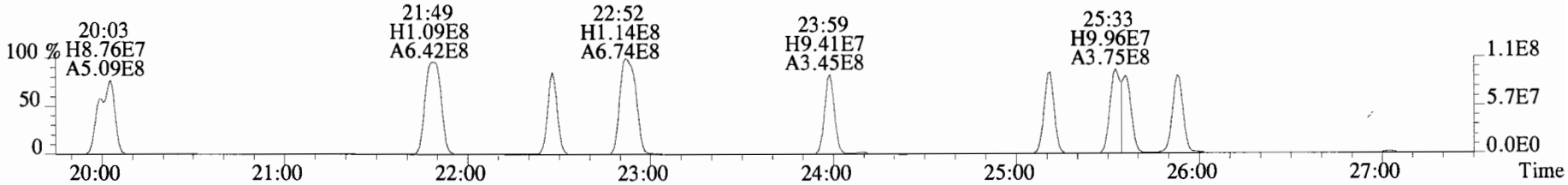
180.9880 S:5



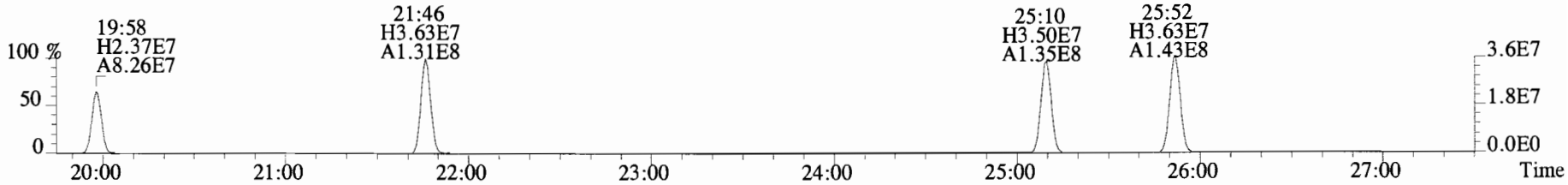
File:180208E1 #1-757 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
222.0003 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,45612.0,0.00%,F,F)



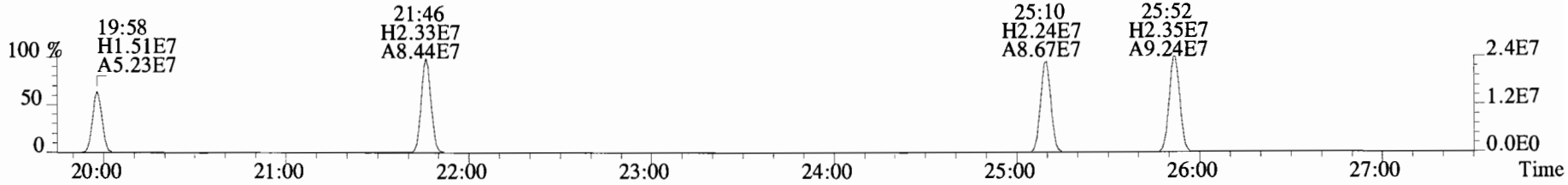
223.9974 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27936.0,0.00%,F,F)



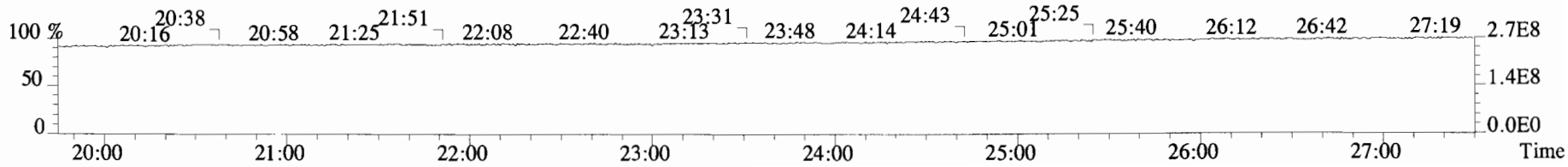
234.0406 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6268.0,0.00%,F,F)



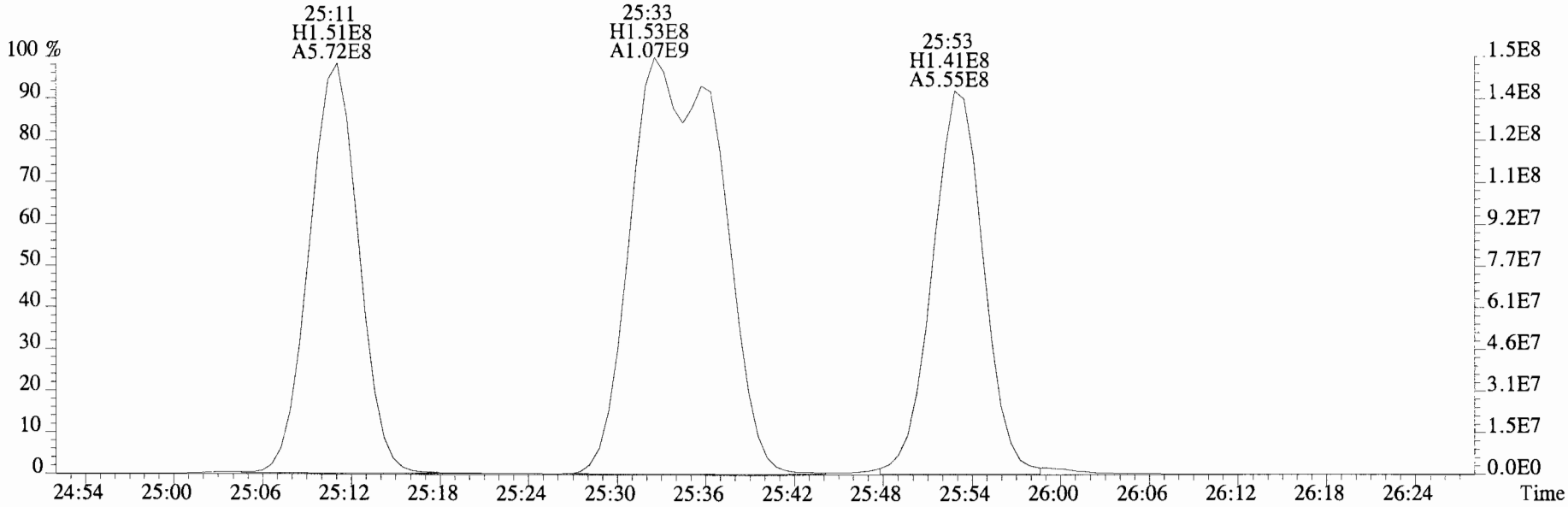
236.0376 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4688.0,0.00%,F,F)



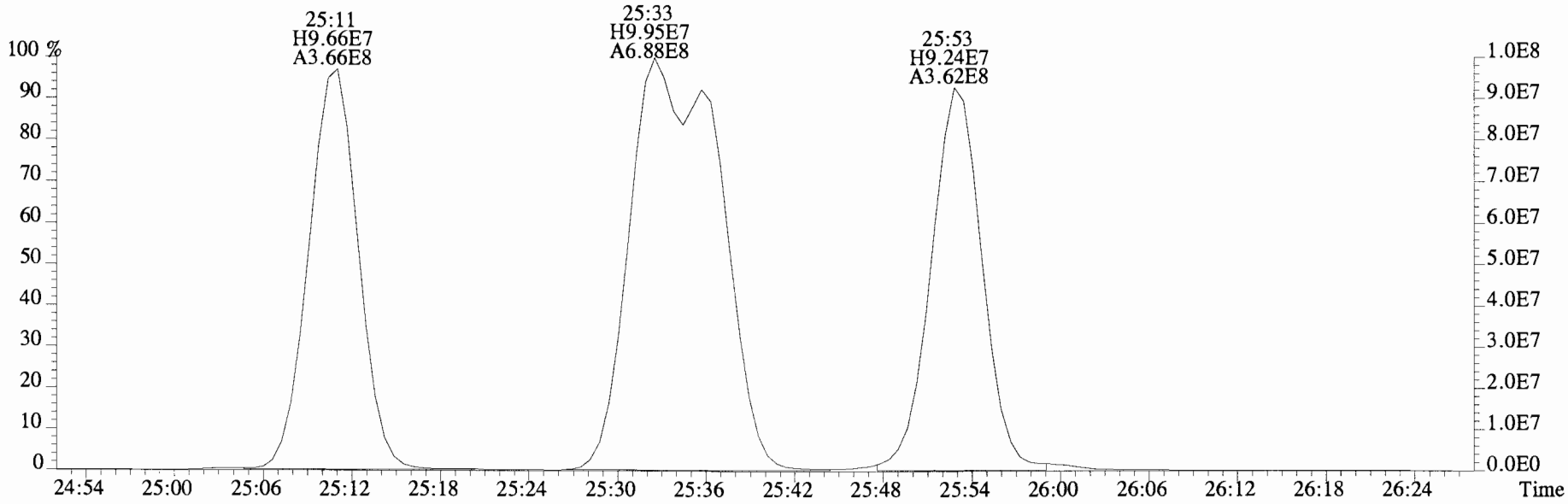
230.9856 S:5 F:2



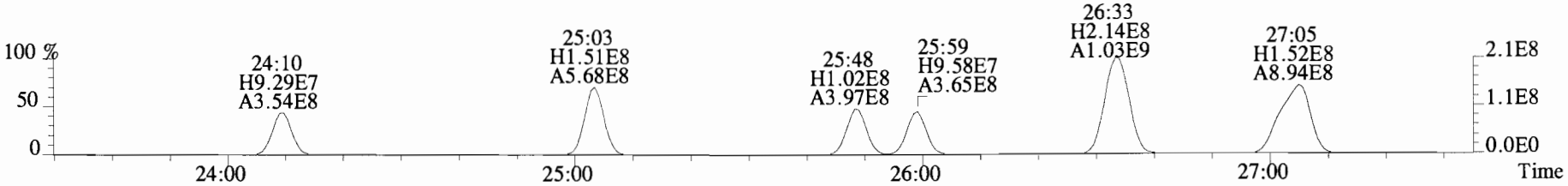
File:180208E1 #1-757 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
222.0003 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,45612.0,0.00%,F,F)



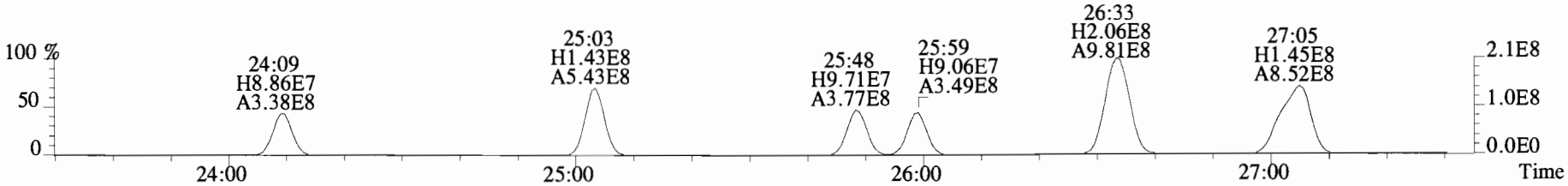
223.9974 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27936.0,0.00%,F,F)



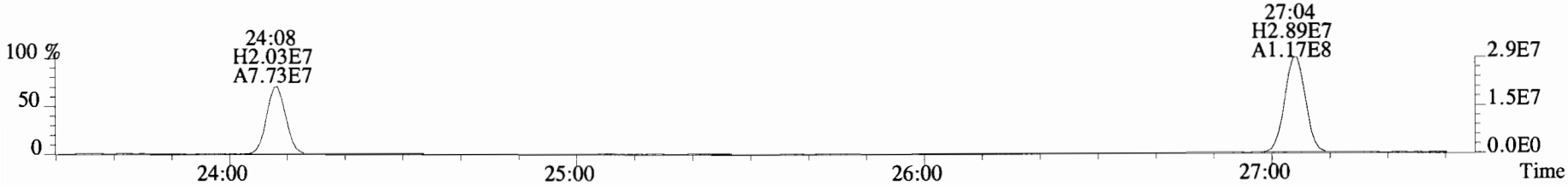
File:180208E1 #1-757 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
255.9613 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4388.0,0.00%,F,F)



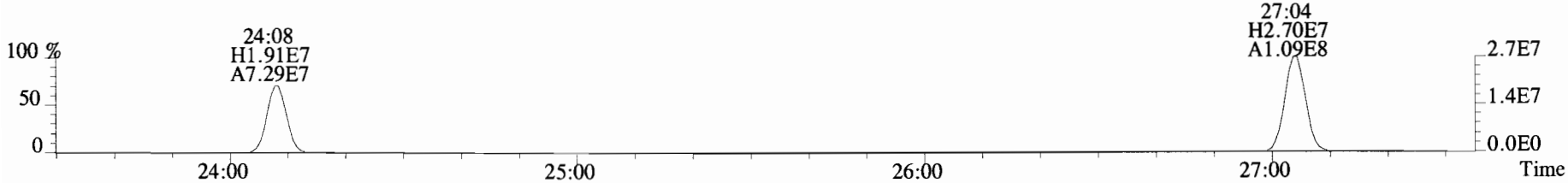
257.9584 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3040.0,0.00%,F,F)



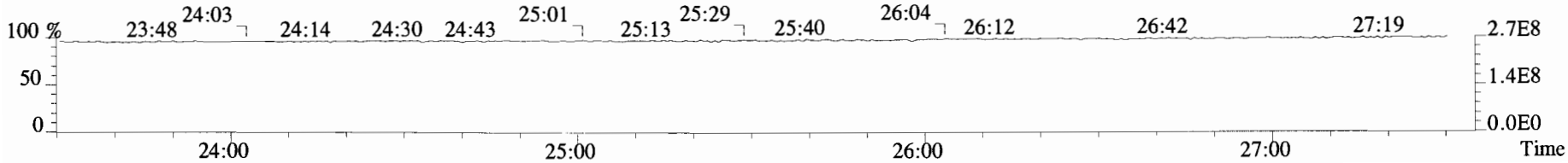
268.0016 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,113860.0,0.00%,F,F)



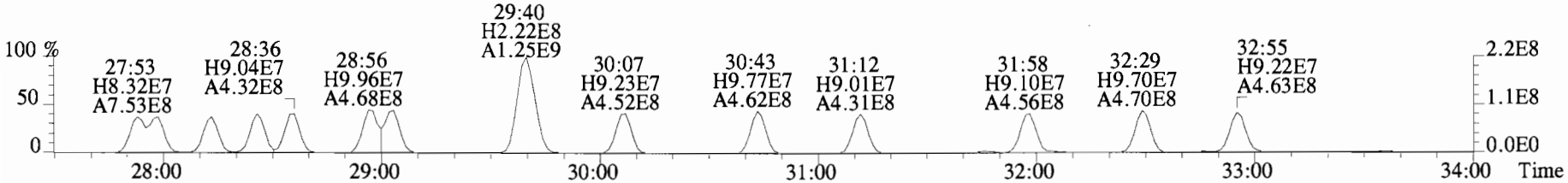
269.9986 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43432.0,0.00%,F,F)



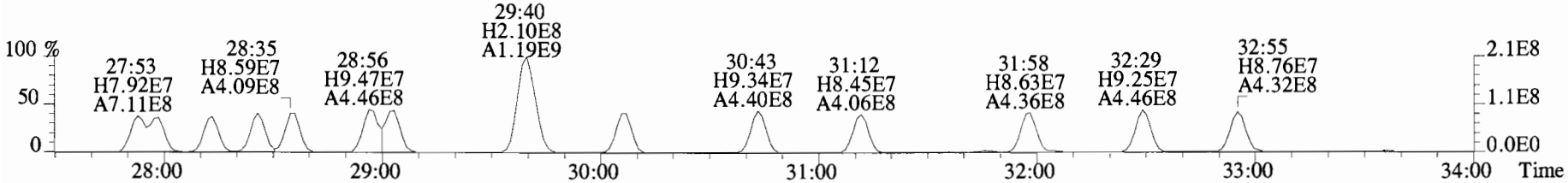
230.9856 S:5 F:2



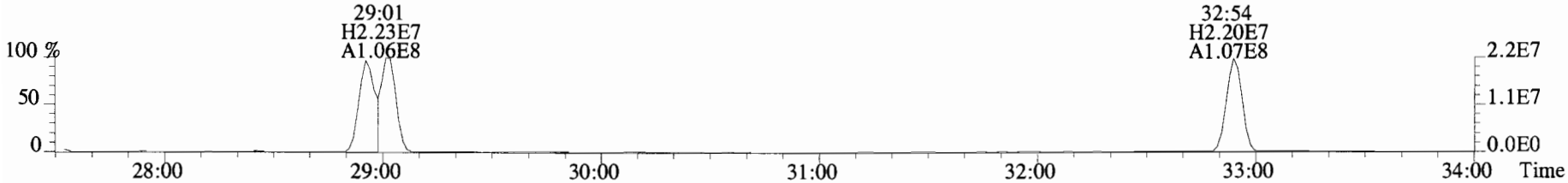
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
255.9613 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,133028.0,0.00%,F,F)



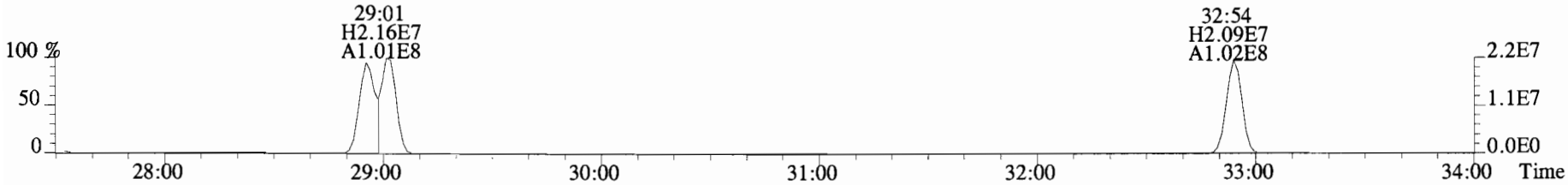
257.9584 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,103180.0,0.00%,F,F)



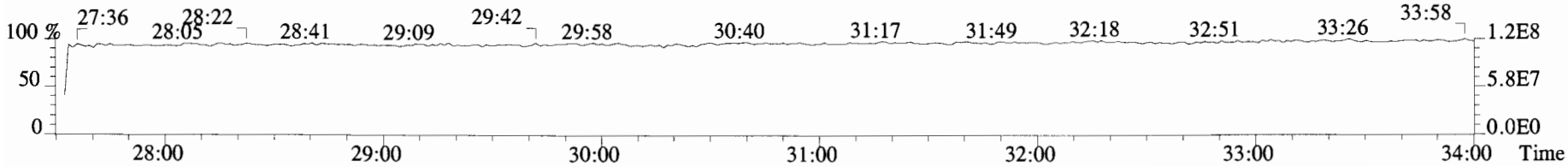
268.0016 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74576.0,0.00%,F,F)



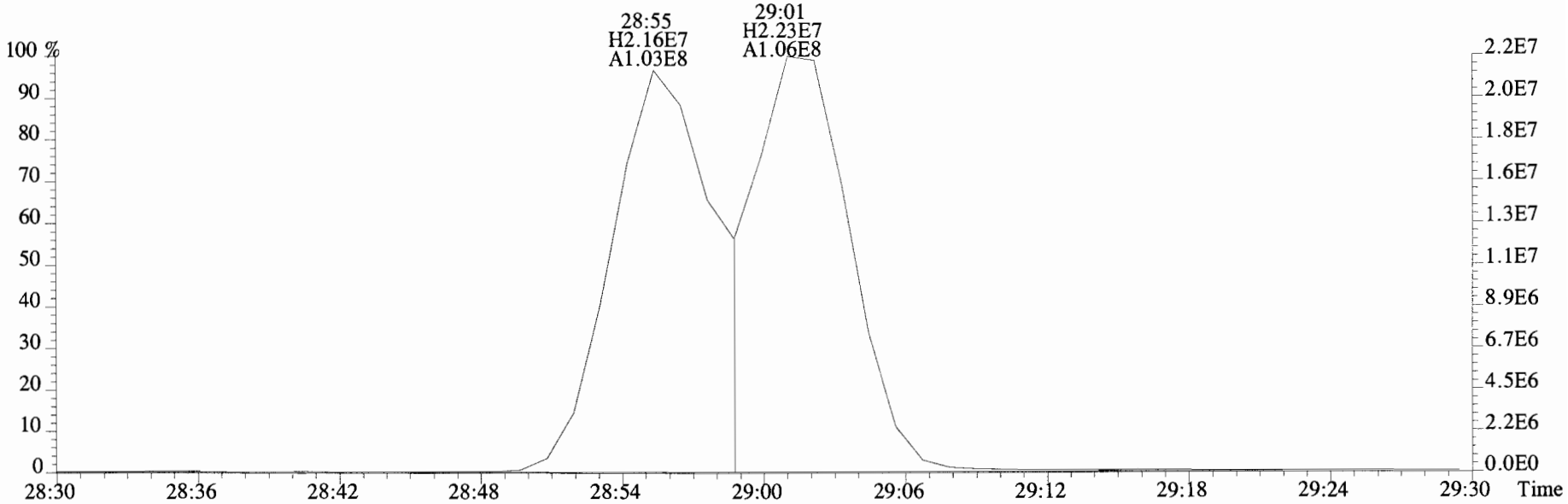
269.9986 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28852.0,0.00%,F,F)



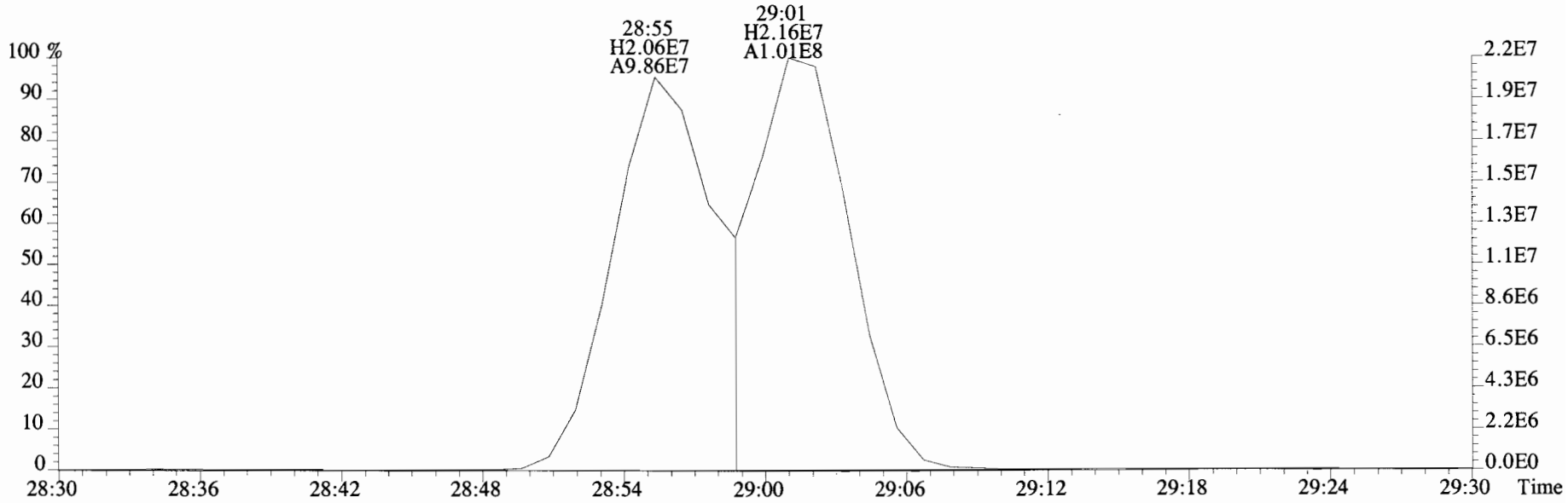
330.9792 S:5 F:3



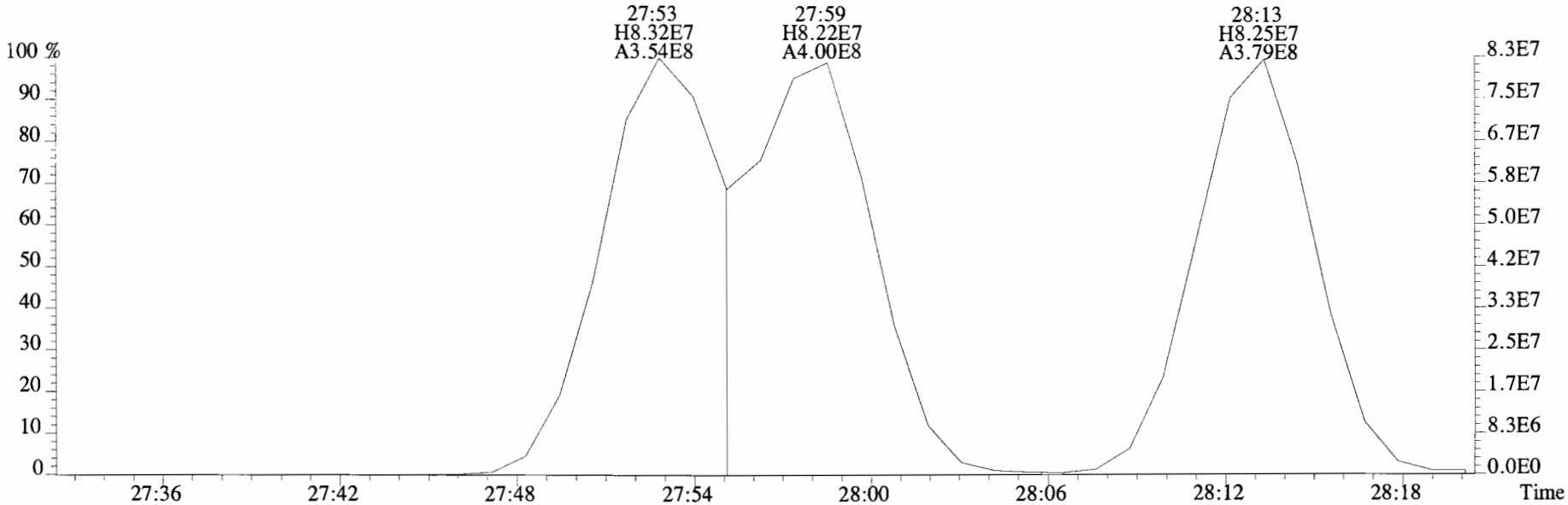
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
268.0016 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74576.0,0.00%,F,F)



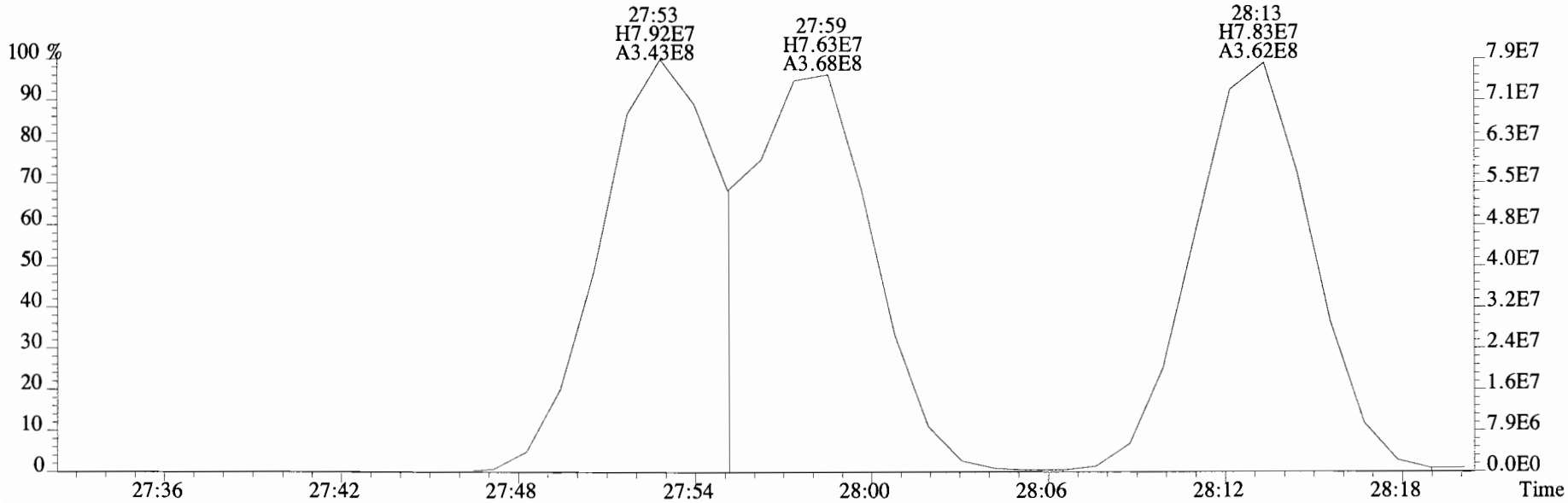
269.9986 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28852.0,0.00%,F,F)



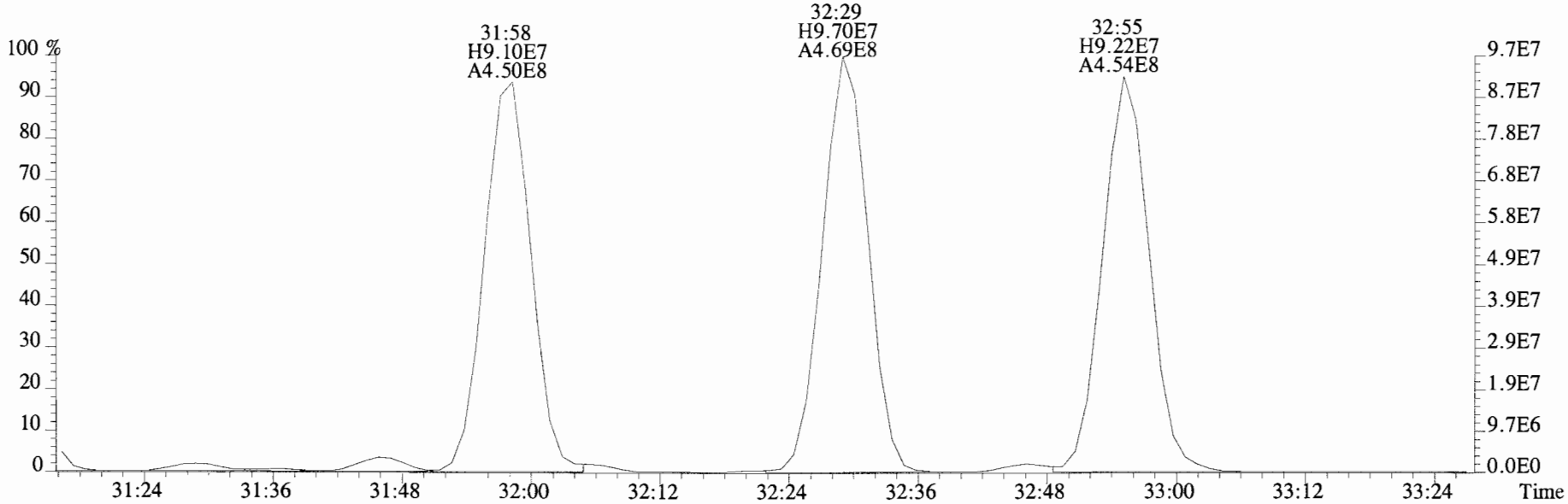
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
255.9613 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,133028.0,0.00%,F,F)



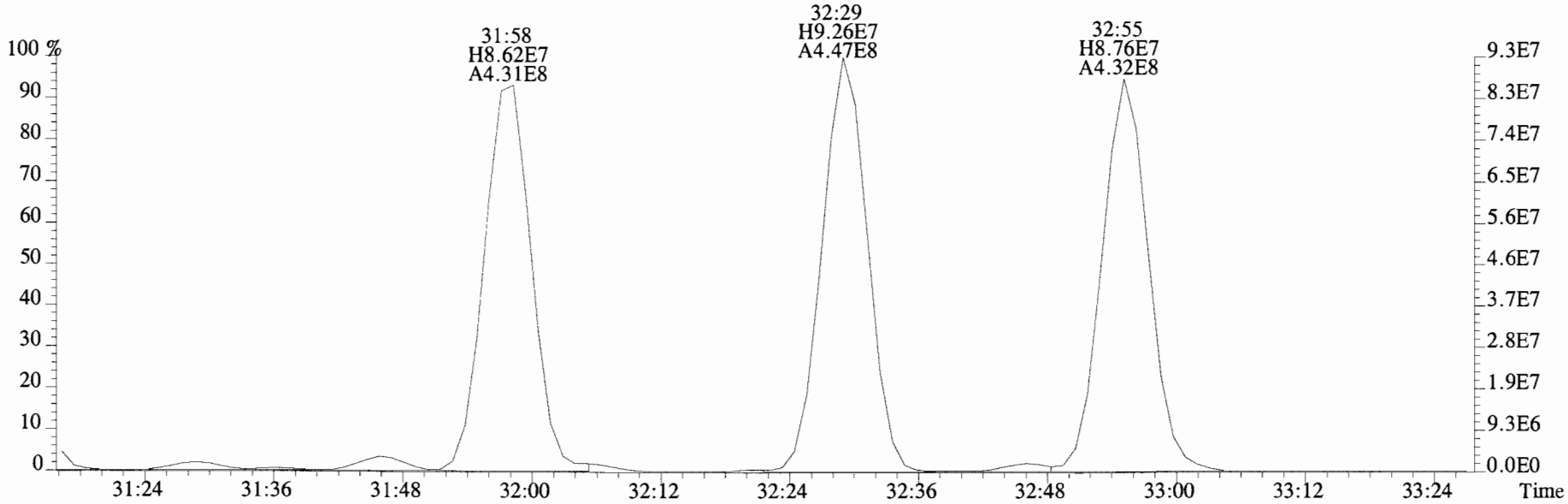
257.9584 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,103180.0,0.00%,F,F)



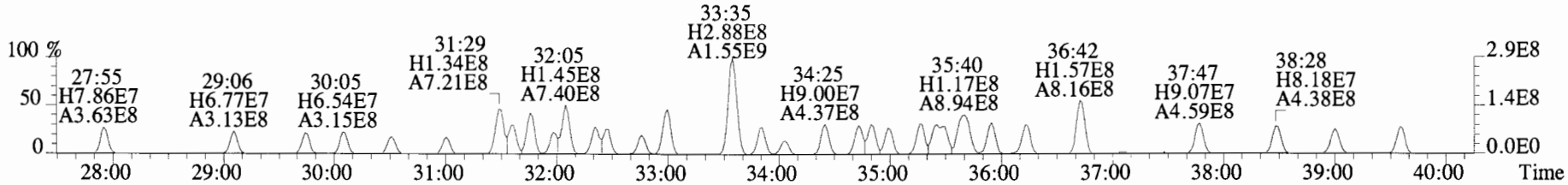
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
255.9613 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,133028.0,0.00%,F,F)



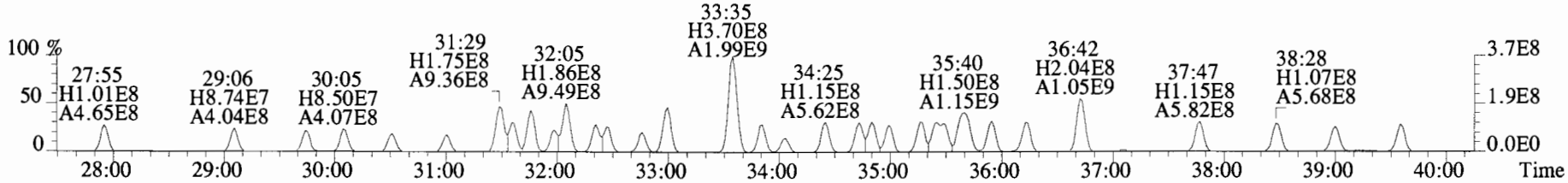
257.9584 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,103180.0,0.00%,F,F)



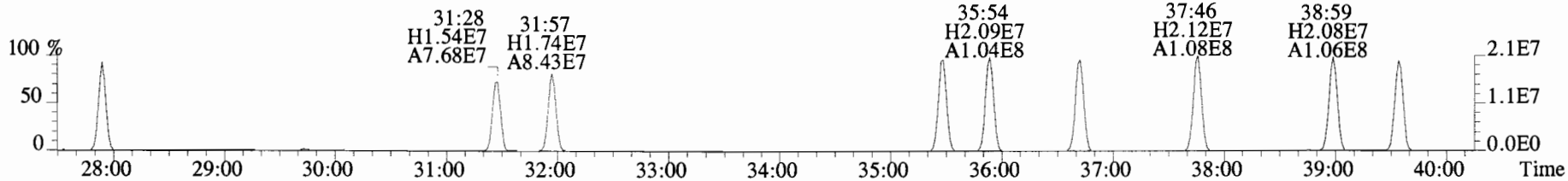
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,195004.0,0.00%,F,F)



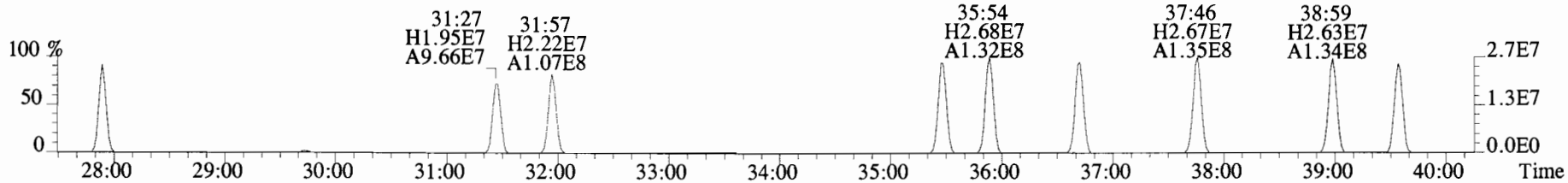
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,242576.0,0.00%,F,F)



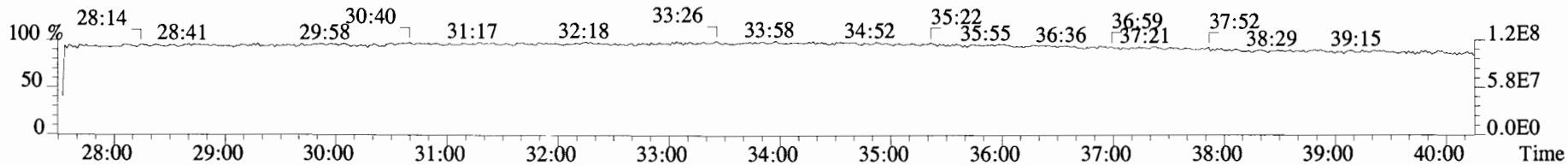
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,41456.0,0.00%,F,F)



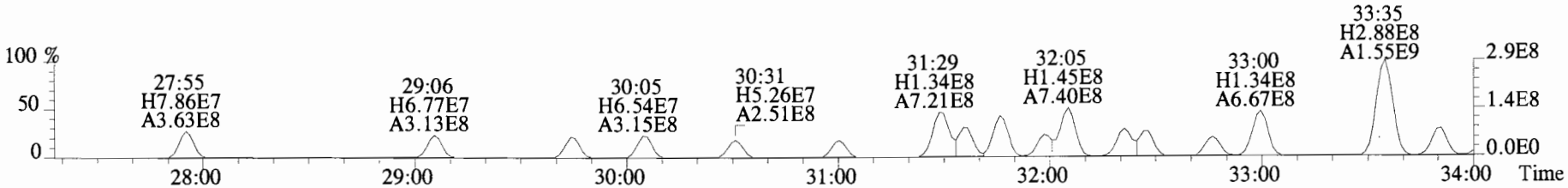
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19976.0,0.00%,F,F)



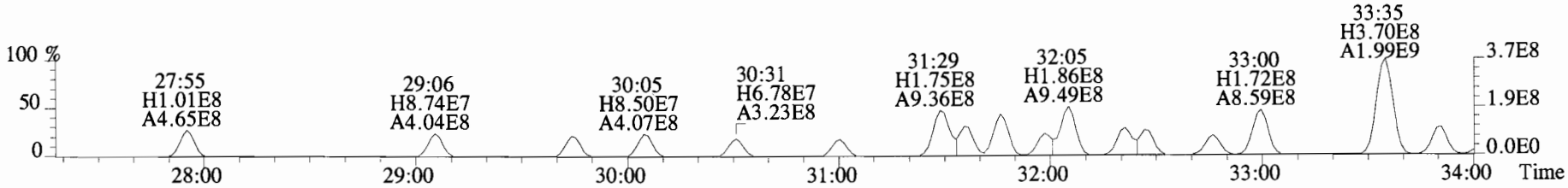
330.9792 S:5 F:3



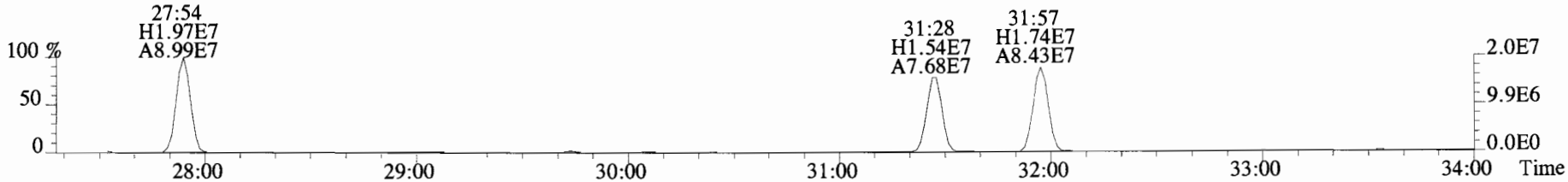
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,195004.0,0.00%,F,F)



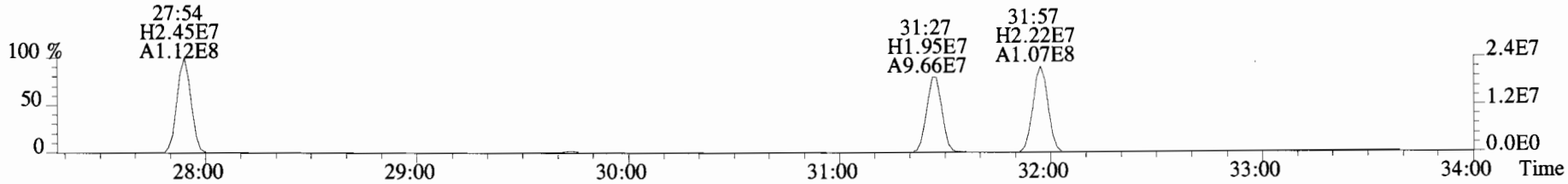
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,242576.0,0.00%,F,F)



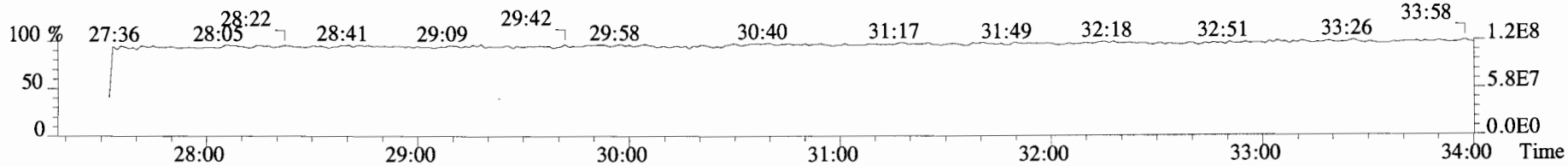
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,41456.0,0.00%,F,F)



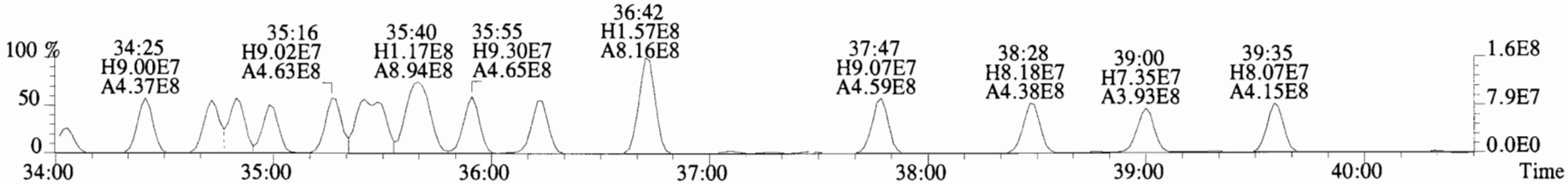
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19976.0,0.00%,F,F)



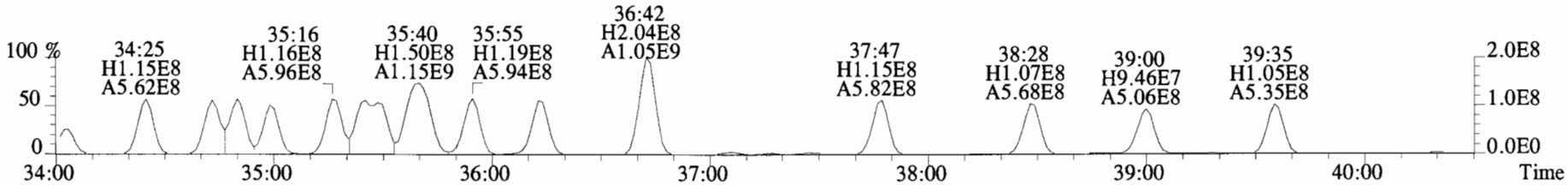
330.9792 S:5 F:3



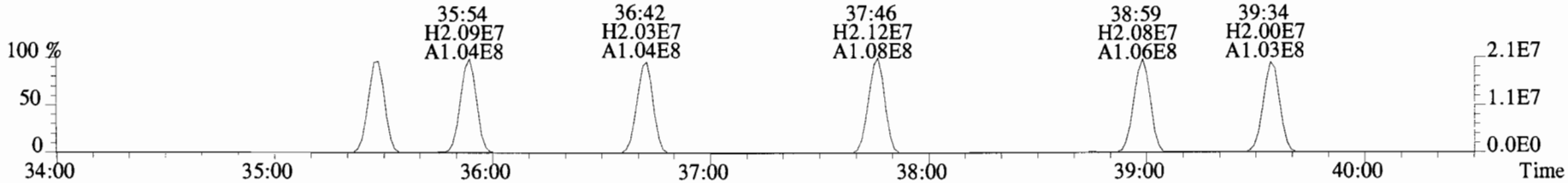
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,195004.0,0.00%,F,F)



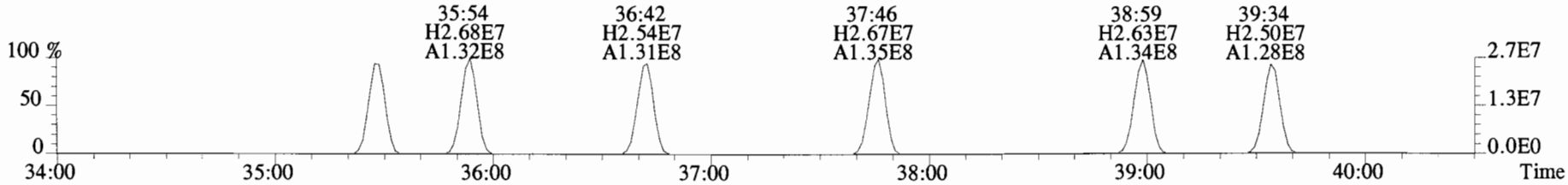
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,242576.0,0.00%,F,F)



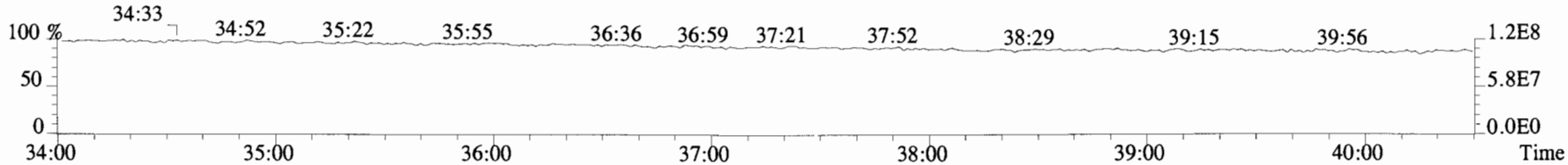
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,41456.0,0.00%,F,F)



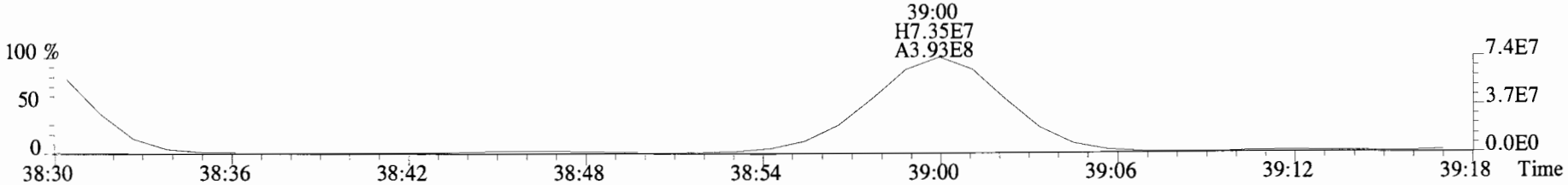
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19976.0,0.00%,F,F)



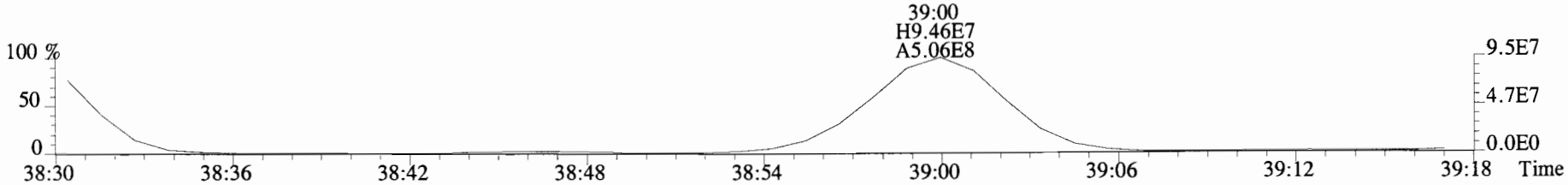
330.9792 S:5 F:3



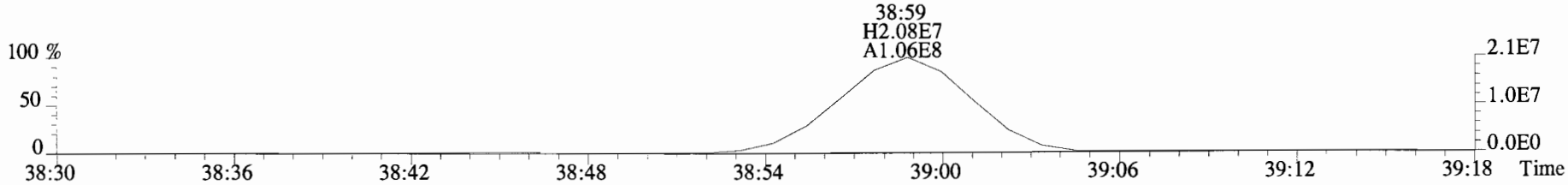
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,195004.0,0.00%,F,F)



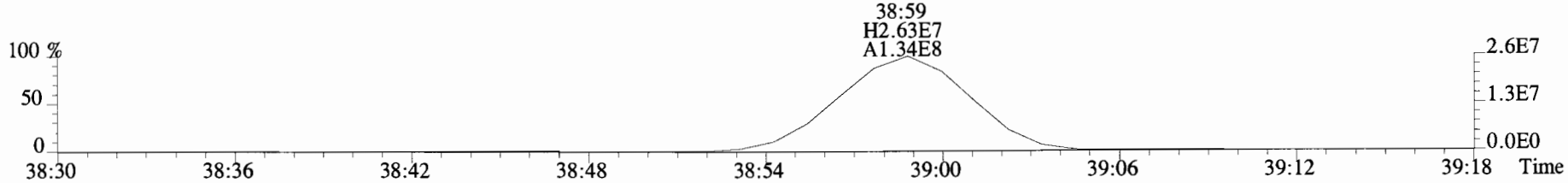
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,242576.0,0.00%,F,F)



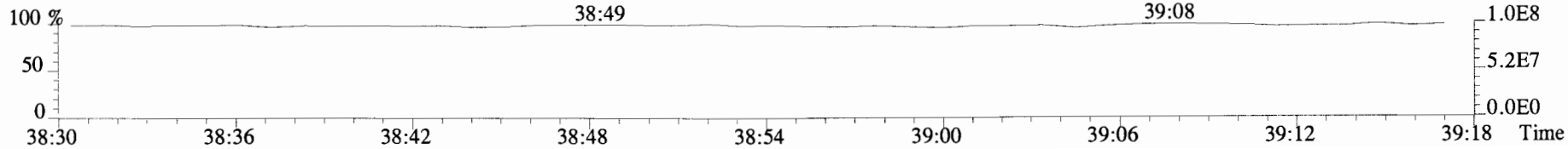
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,41456.0,0.00%,F,F)



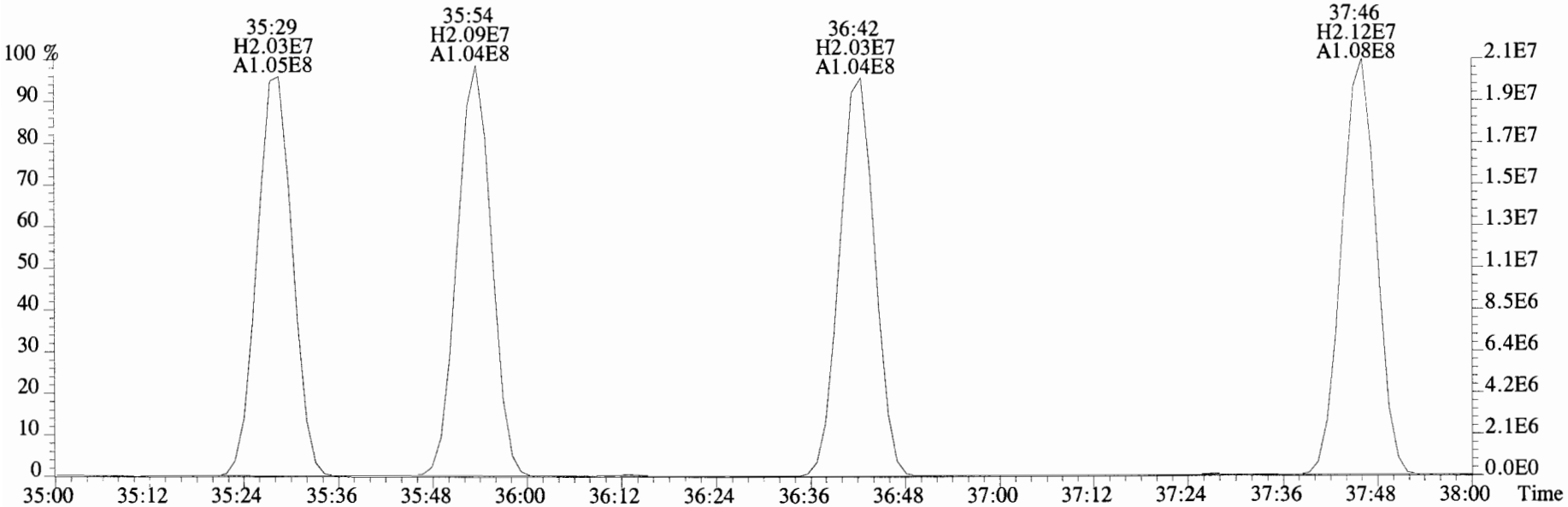
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19976.0,0.00%,F,F)



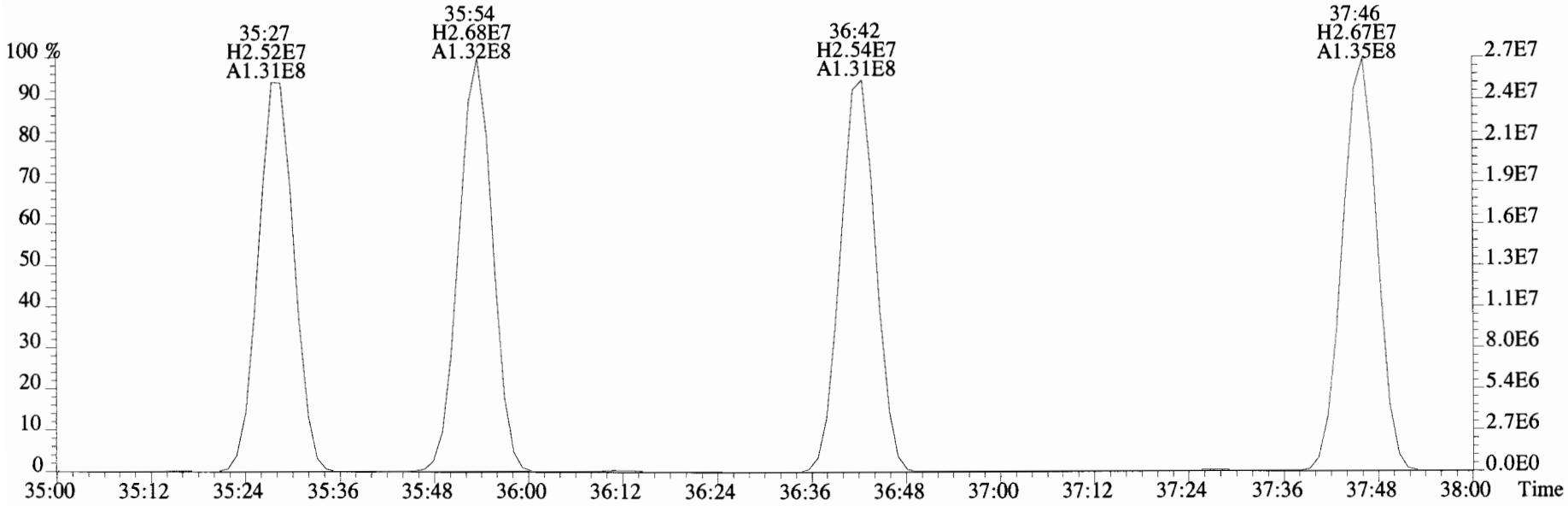
330.9792 S:5 F:3



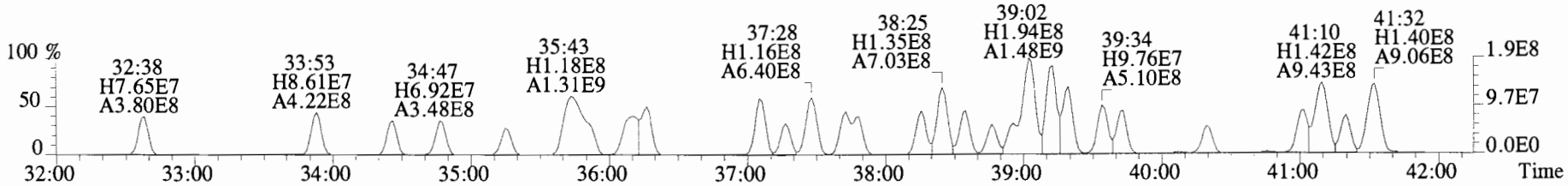
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,41456.0,0.00%,F,F)



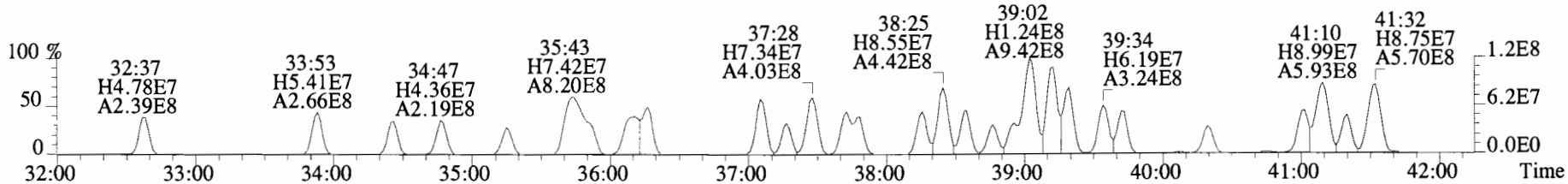
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19976.0,0.00%,F,F)



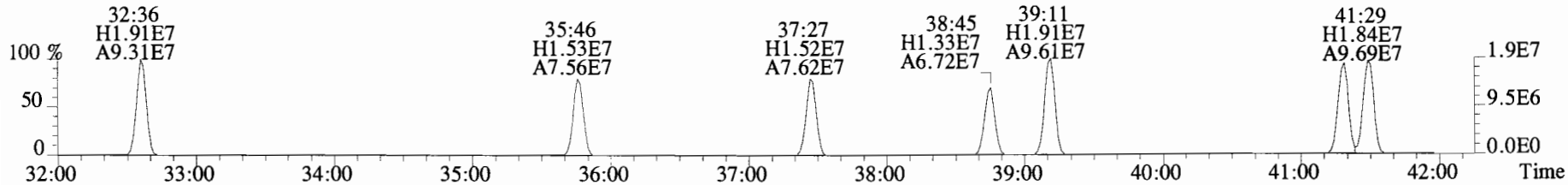
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6976.0,0.00%,F,F)



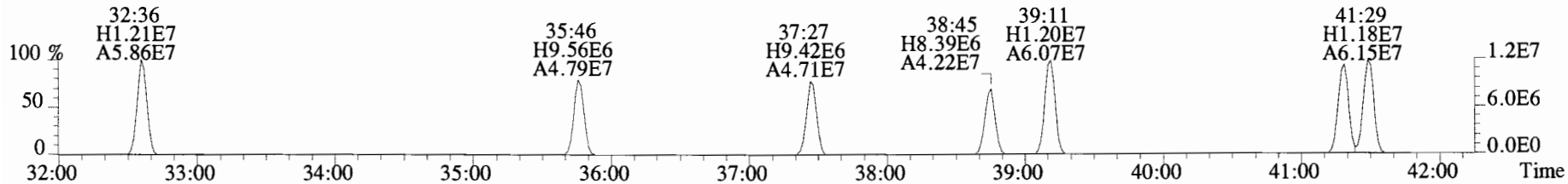
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4628.0,0.00%,F,F)



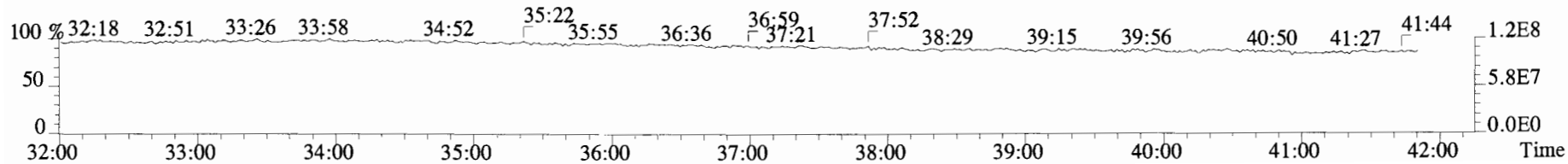
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7720.0,0.00%,F,F)



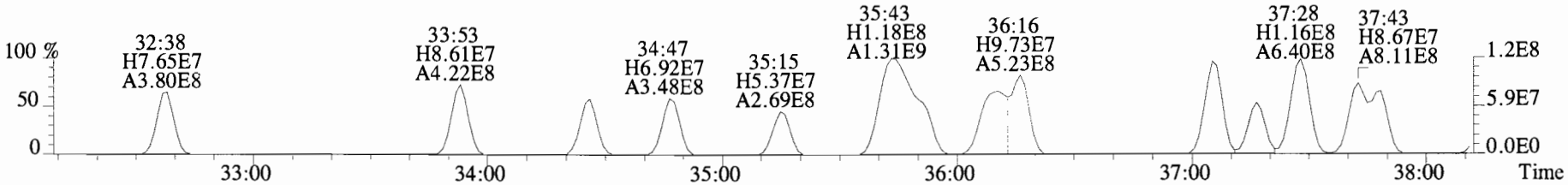
339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7208.0,0.00%,F,F)



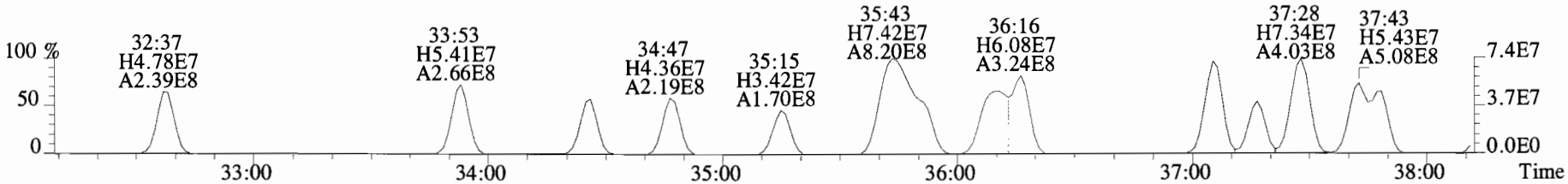
330.9792 S:5 F:3



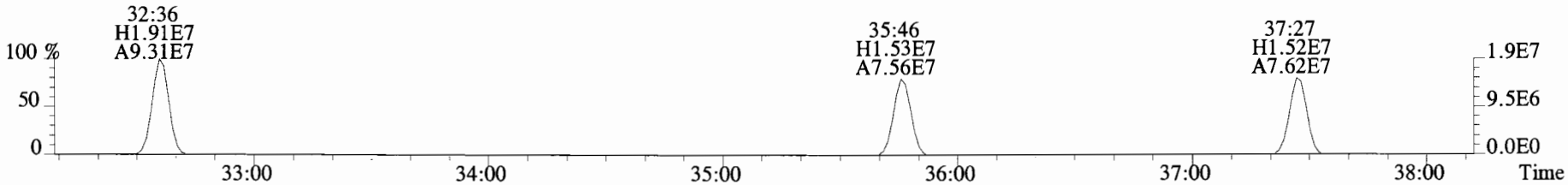
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6976.0,0.00%,F,F)



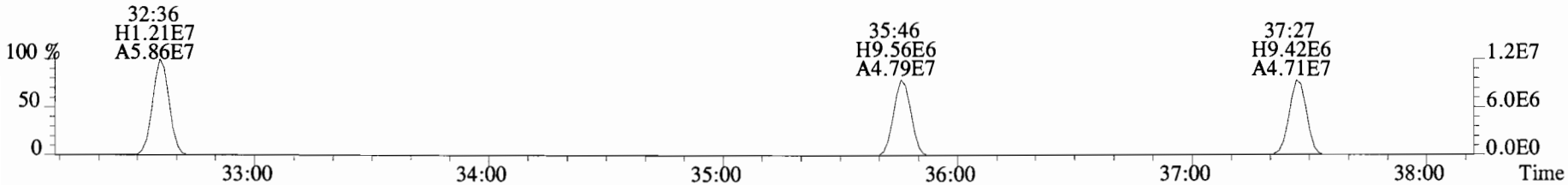
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4628.0,0.00%,F,F)



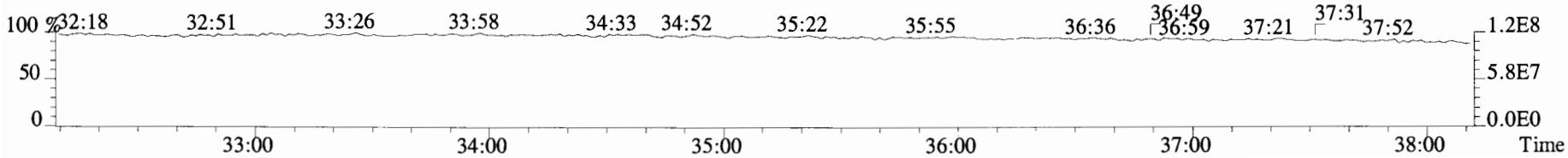
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7720.0,0.00%,F,F)



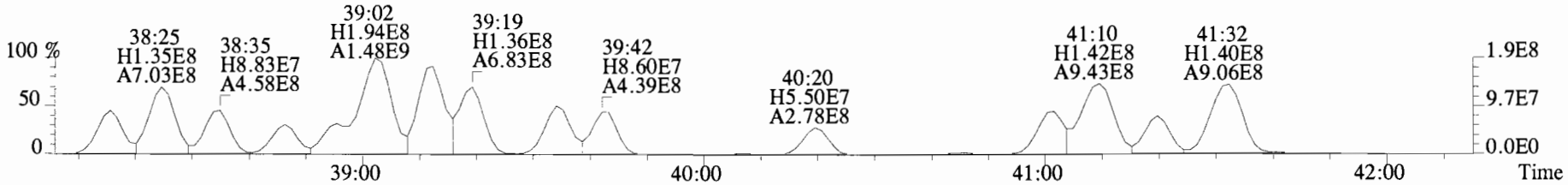
339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7208.0,0.00%,F,F)



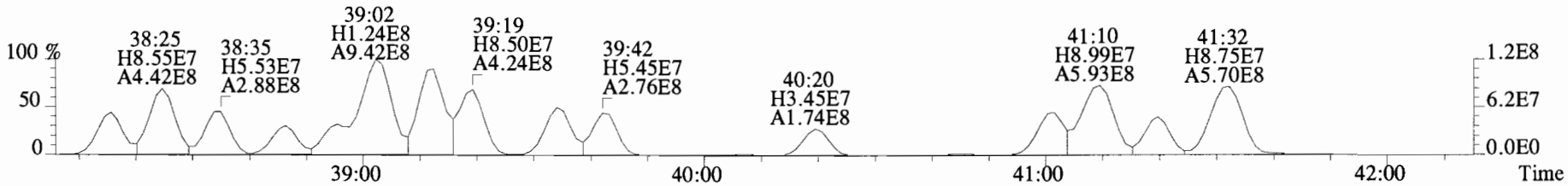
330.9792 S:5 F:3



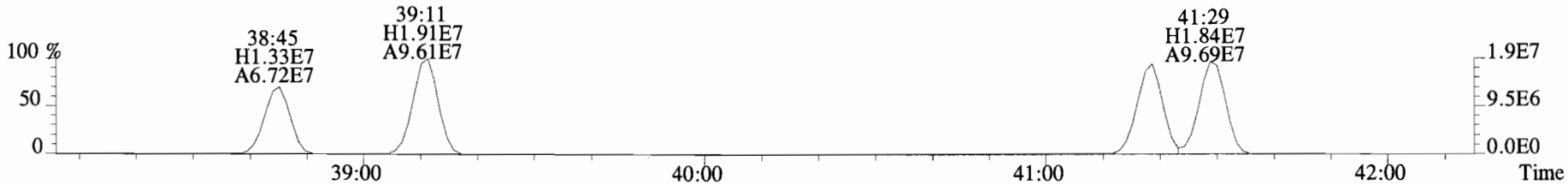
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6976.0,0.00%,F,F)



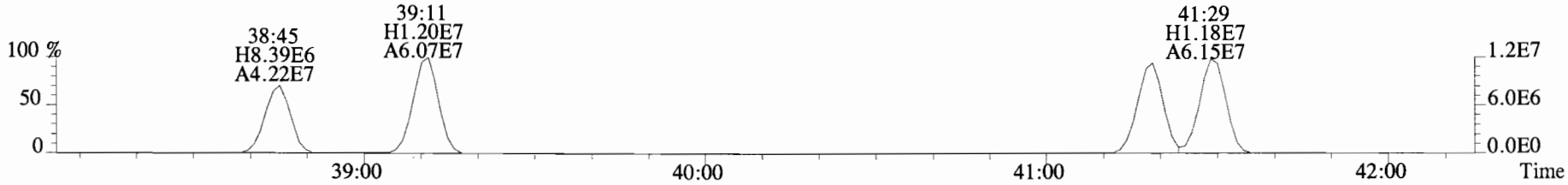
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4628.0,0.00%,F,F)



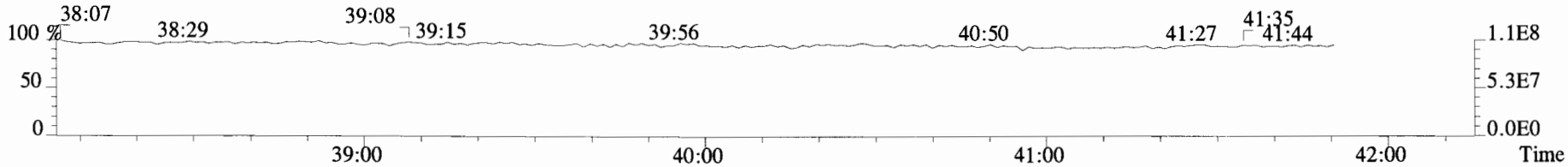
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7720.0,0.00%,F,F)



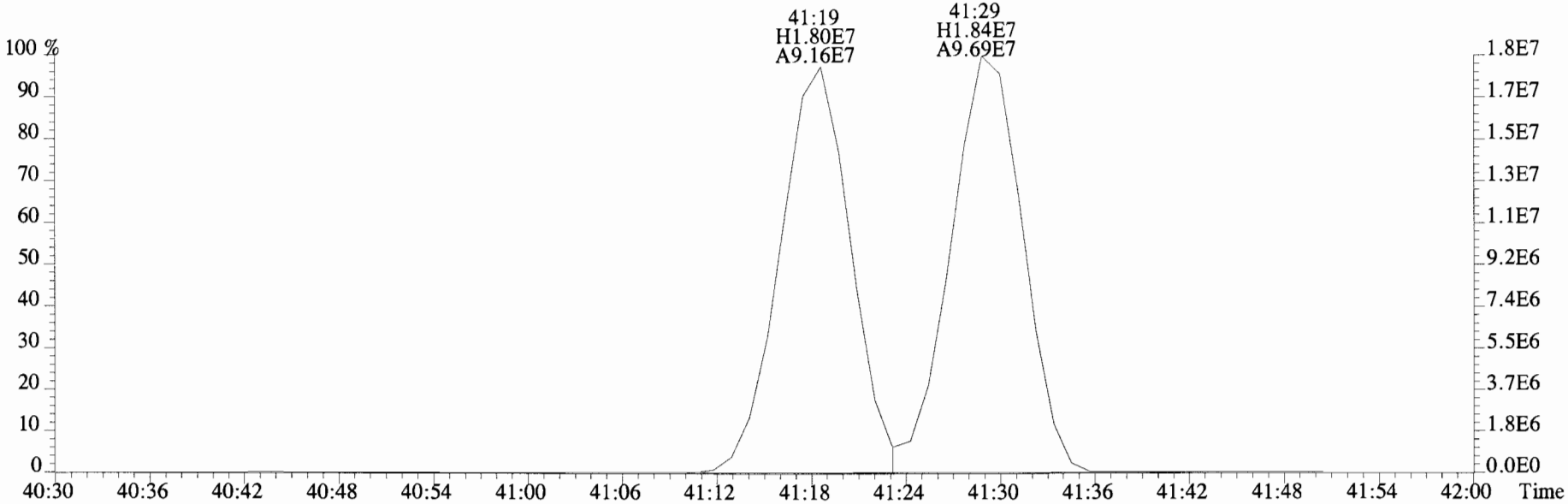
339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7208.0,0.00%,F,F)



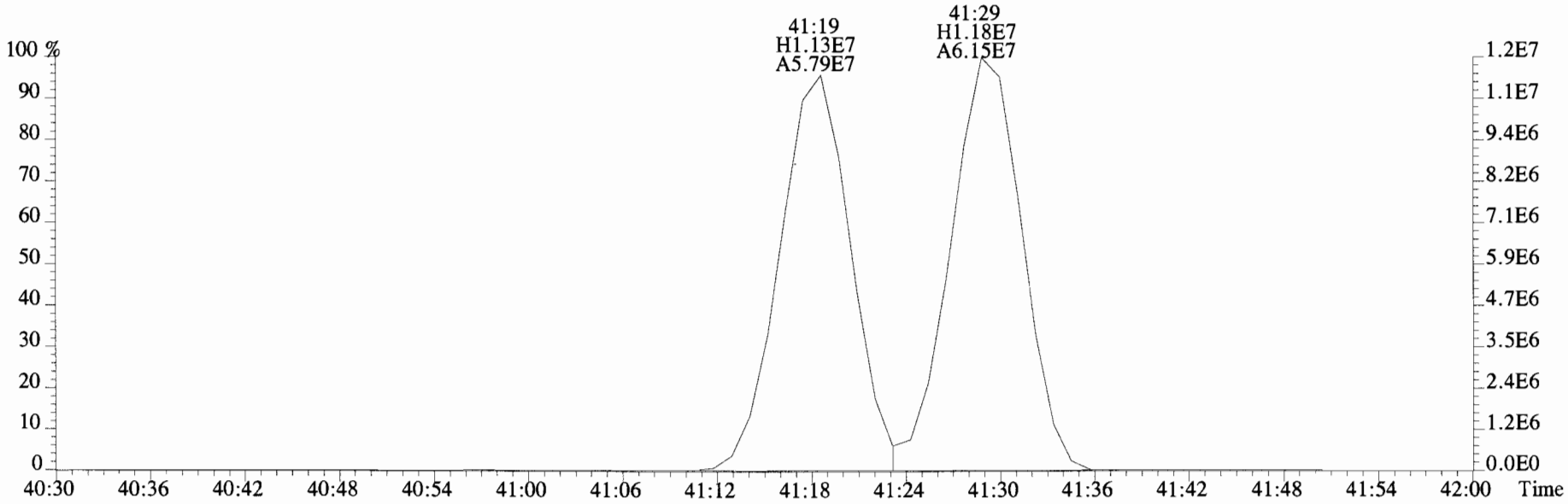
330.9792 S:5 F:3



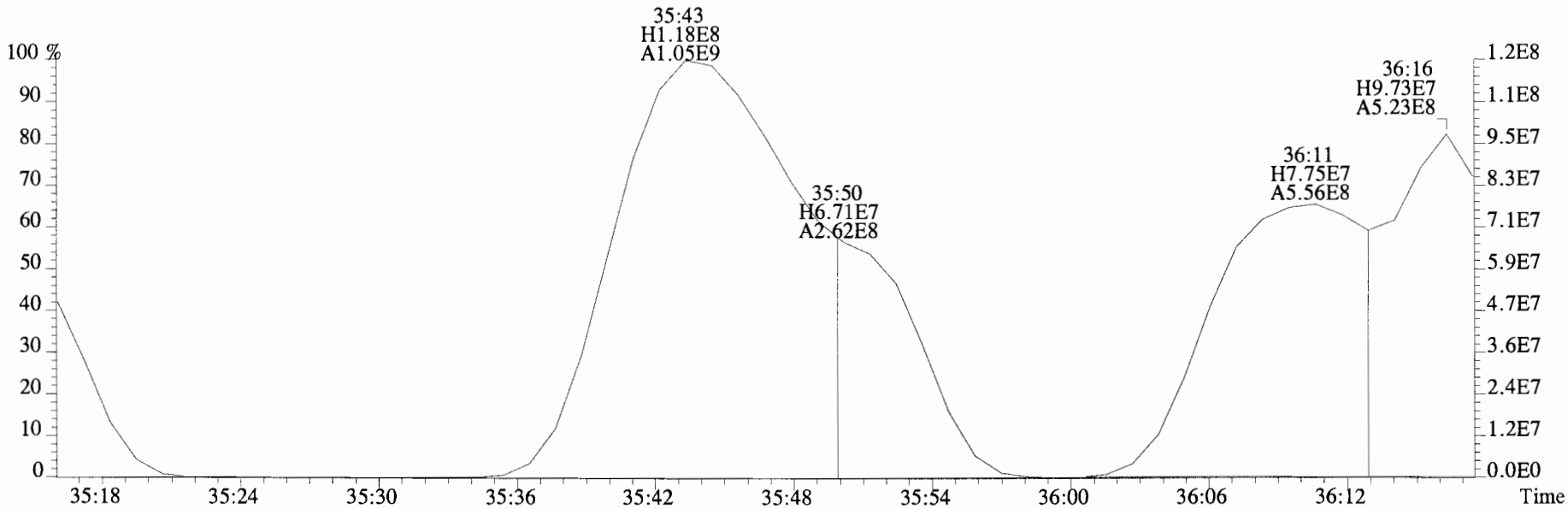
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC Ei+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7720.0,0.00%,F,F)



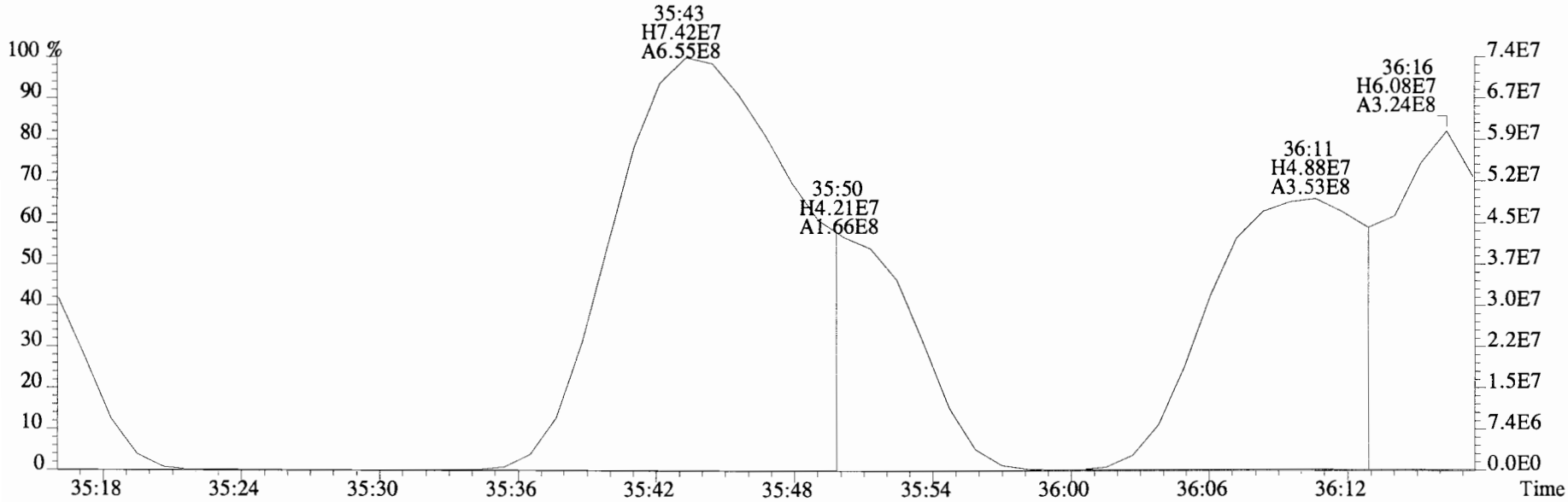
339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7208.0,0.00%,F,F)



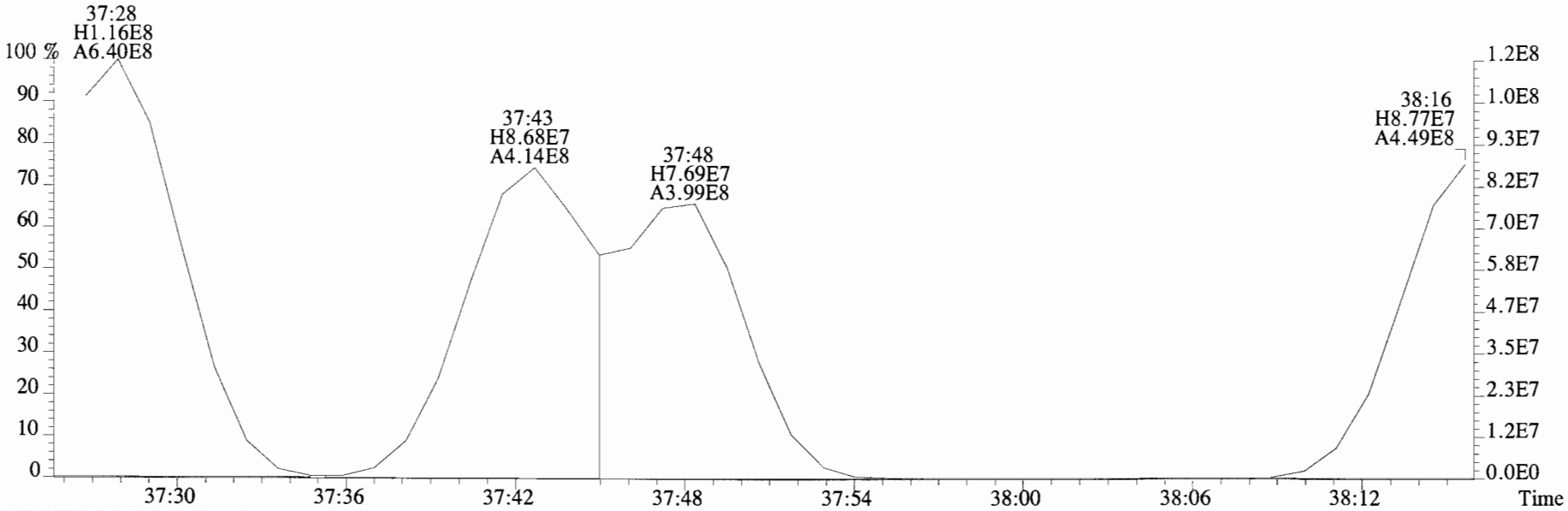
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6976.0,0.00%,F,F)



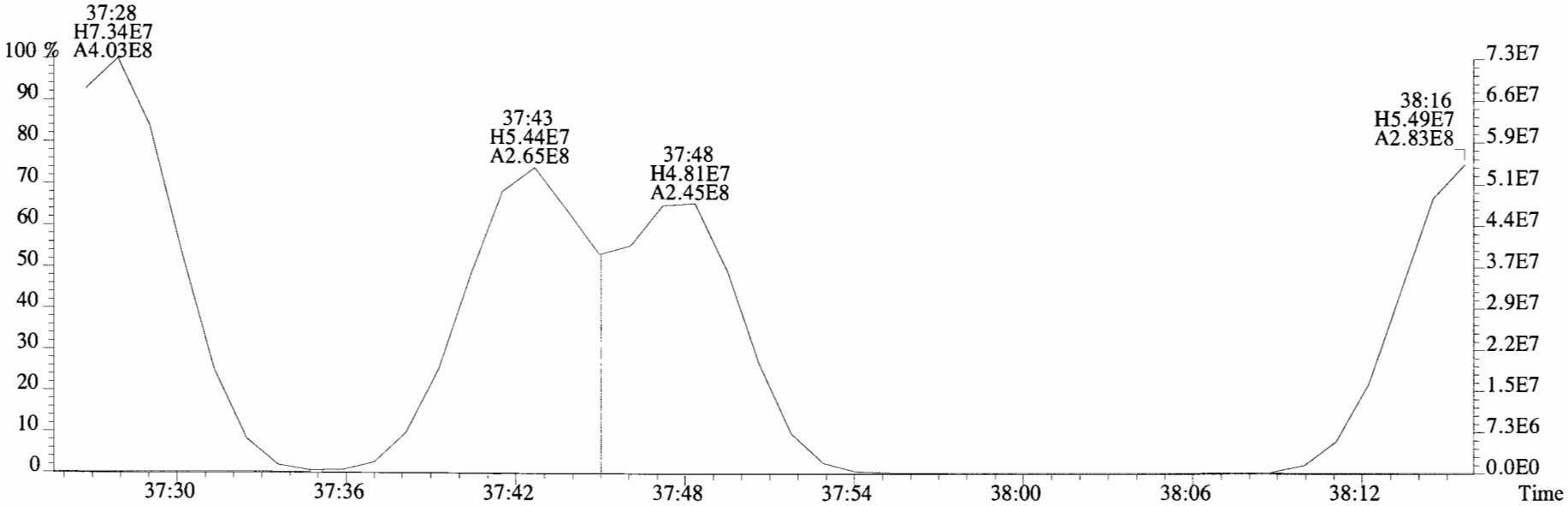
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4628.0,0.00%,F,F)



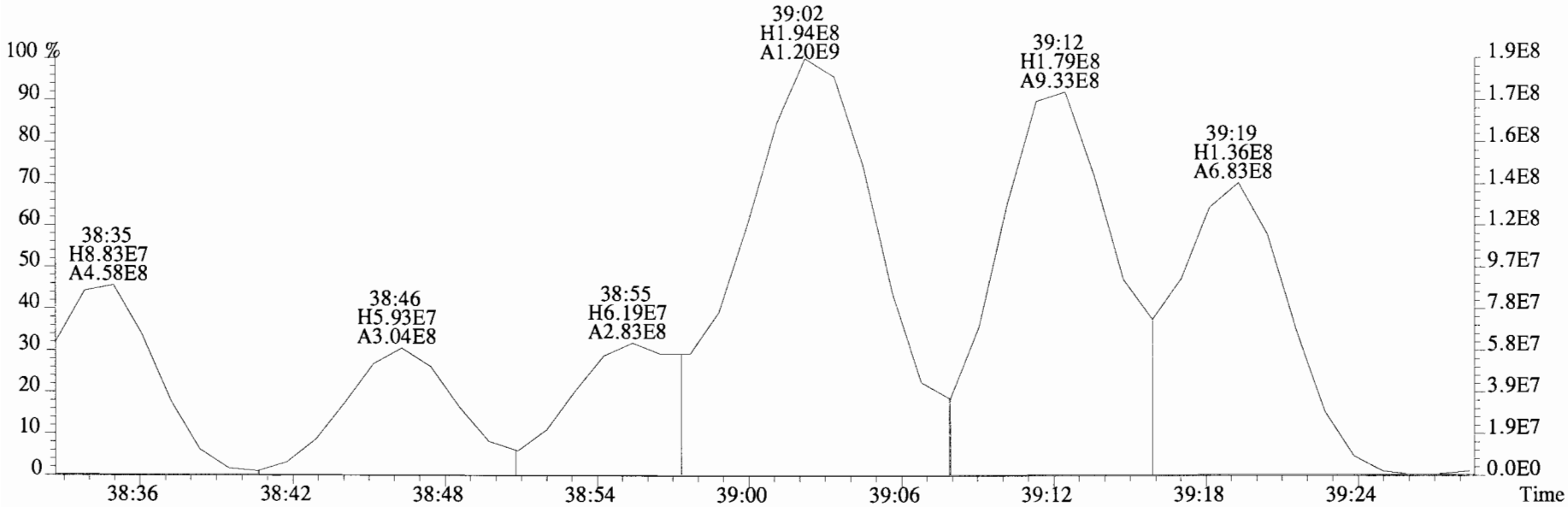
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6976.0,0.00%,F,F)



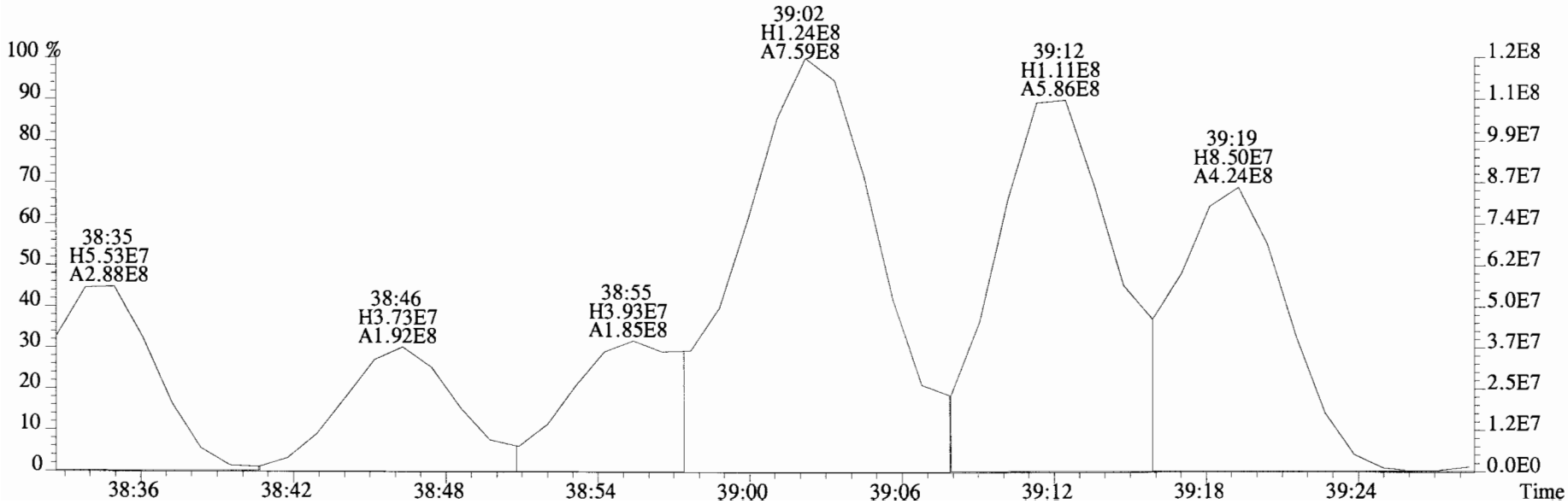
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4628.0,0.00%,F,F)



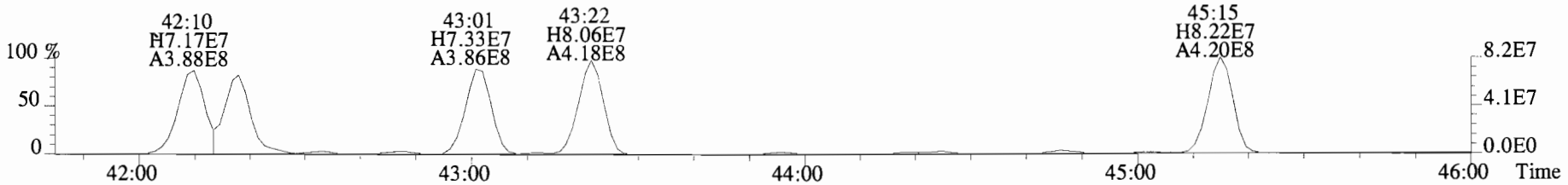
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6976.0,0.00%,F,F)



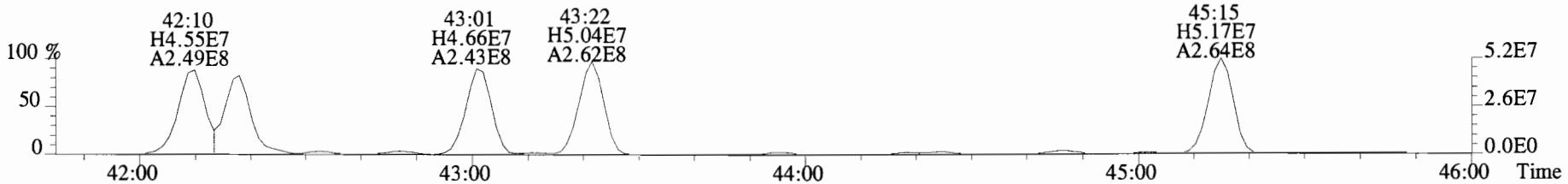
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4628.0,0.00%,F,F)



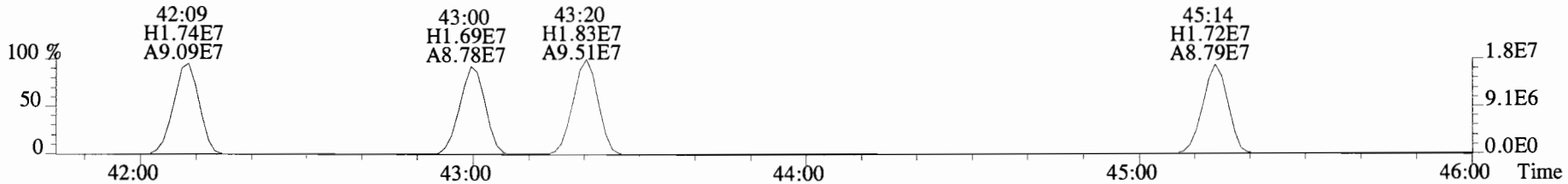
File:180208E1 #1-574 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
325.8804 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,94504.0,0.00%,F,F)



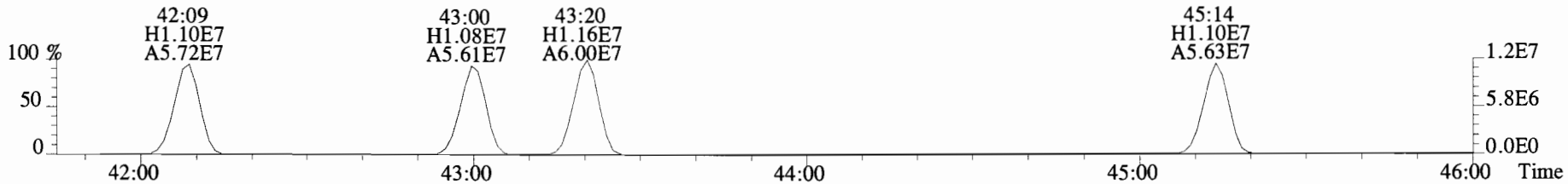
327.8775 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,67108.0,0.00%,F,F)



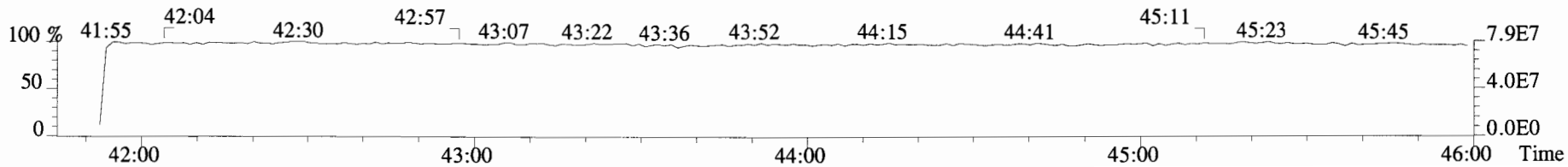
337.9207 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10784.0,0.00%,F,F)



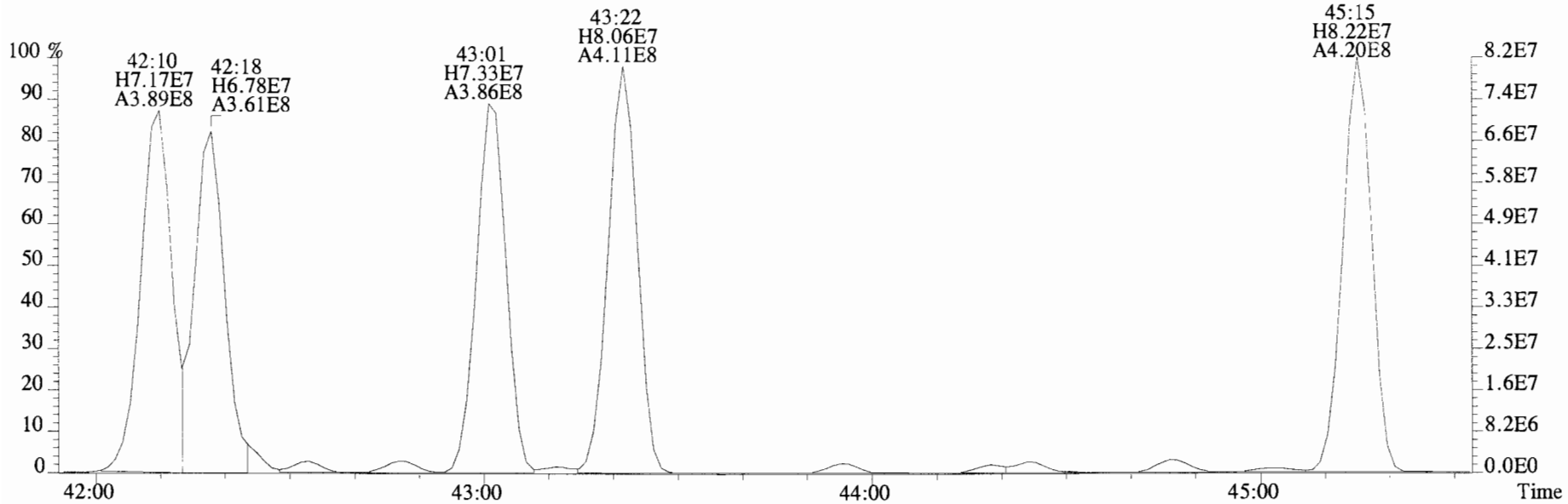
339.9177 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9340.0,0.00%,F,F)



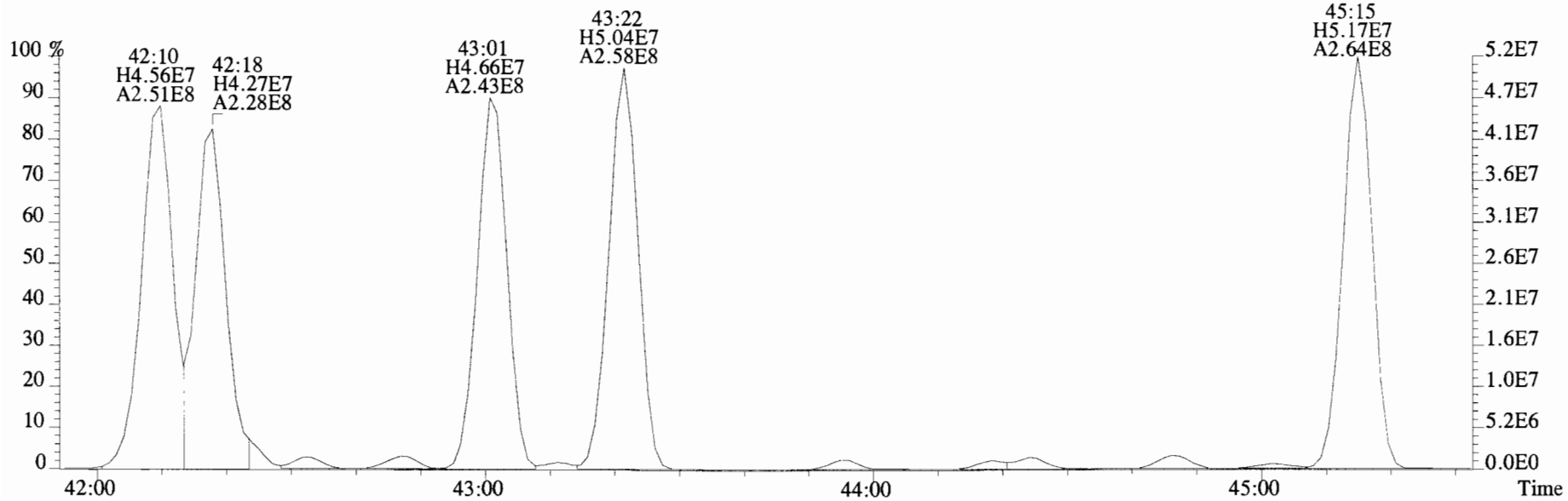
380.9760 S:5 F:4



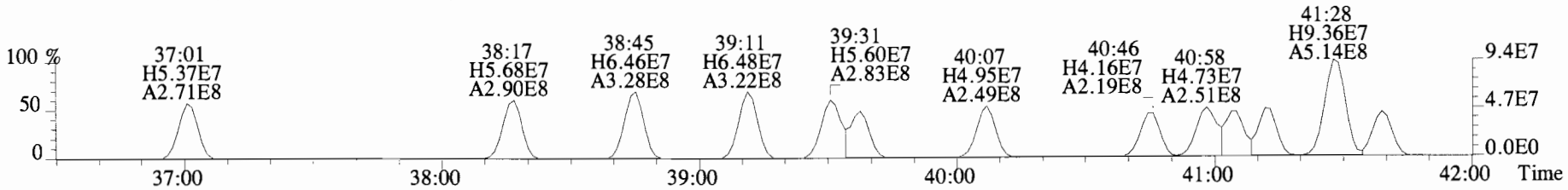
File:180208E1 #1-574 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
325.8804 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,94504.0,0.00%,F,F)



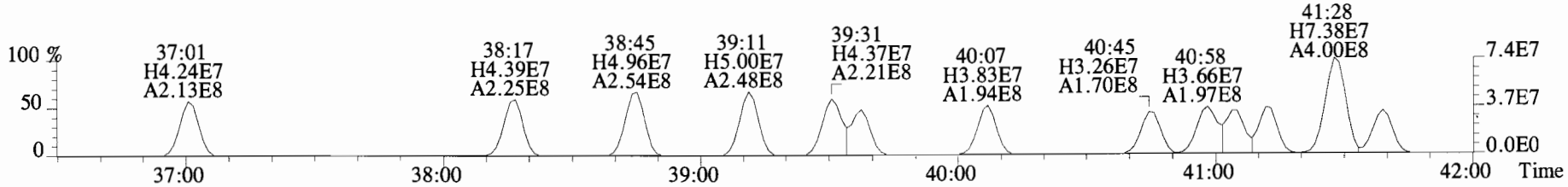
327.8775 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,67108.0,0.00%,F,F)



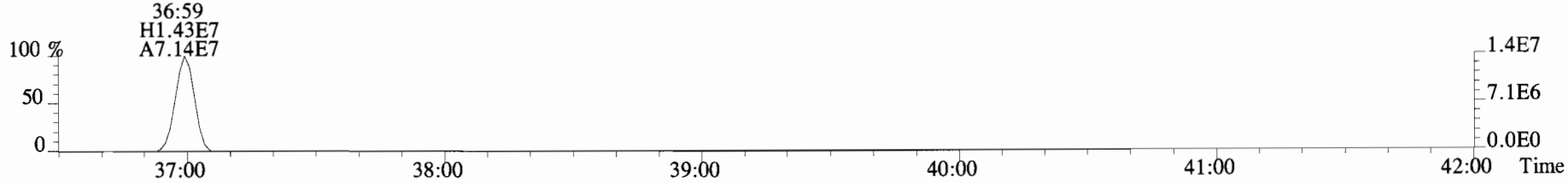
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
359.8415 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3972.0,0.00%,F,F)



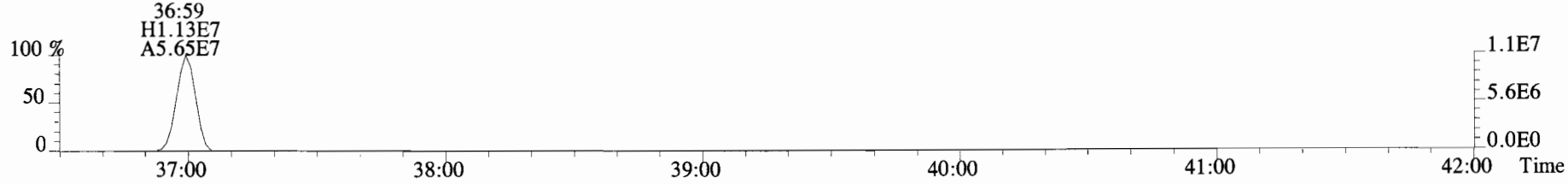
361.8385 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3740.0,0.00%,F,F)



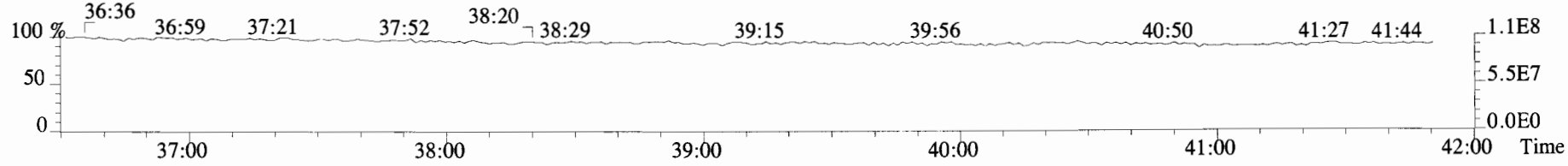
371.8817 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4744.0,0.00%,F,F)



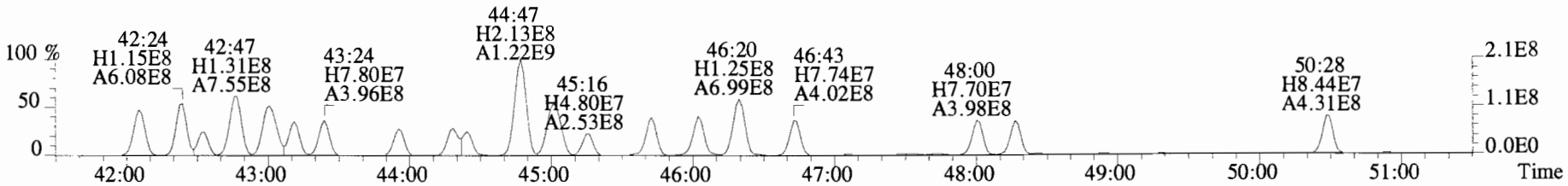
373.8788 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4524.0,0.00%,F,F)



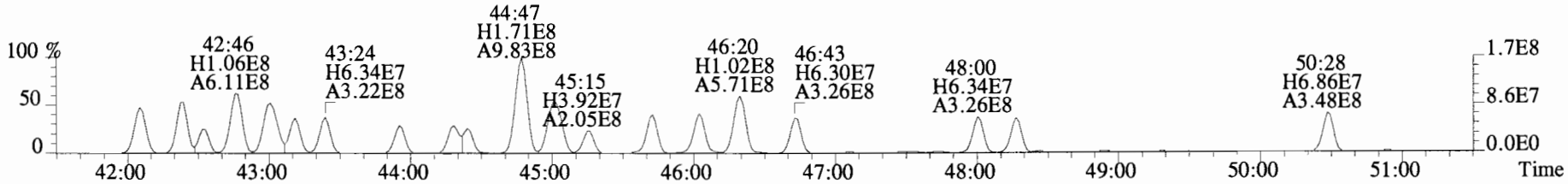
330.9792 S:5 F:3



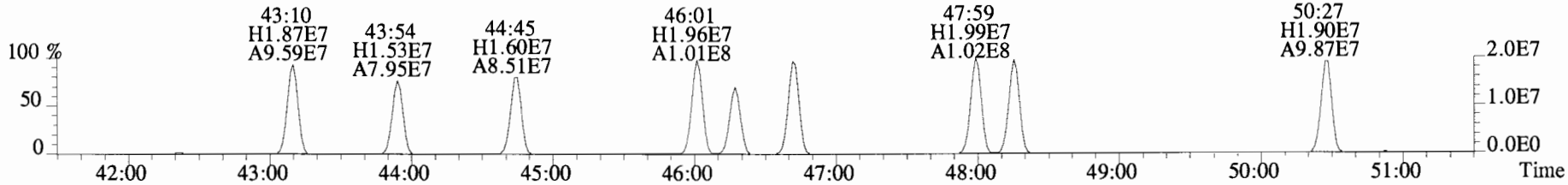
File:180208E1 #1-574 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
359.8415 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,448632.0,0.00%,F,F)



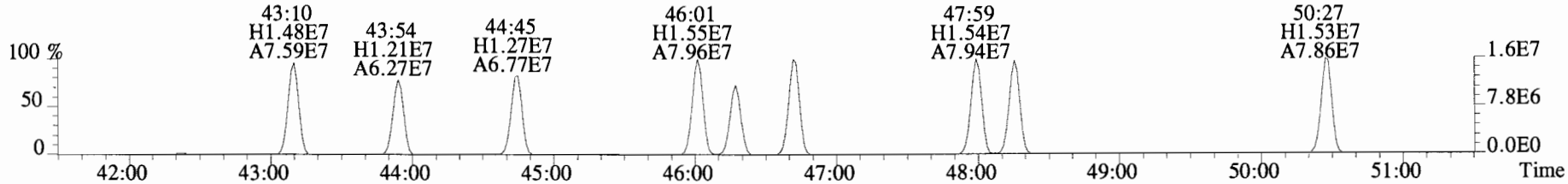
361.8385 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,358152.0,0.00%,F,F)



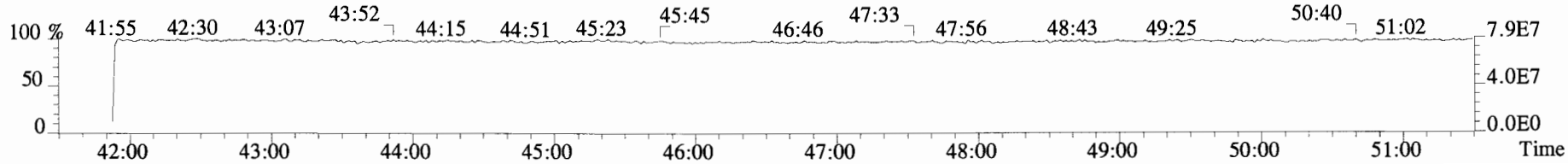
371.8817 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27148.0,0.00%,F,F)



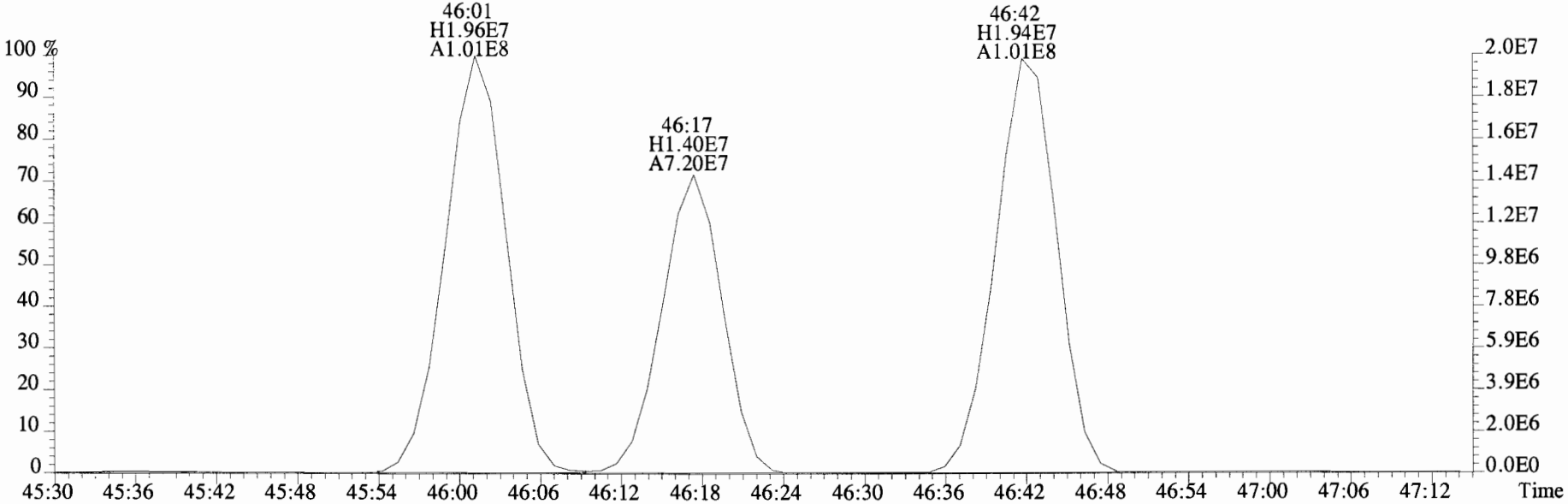
373.8788 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20348.0,0.00%,F,F)



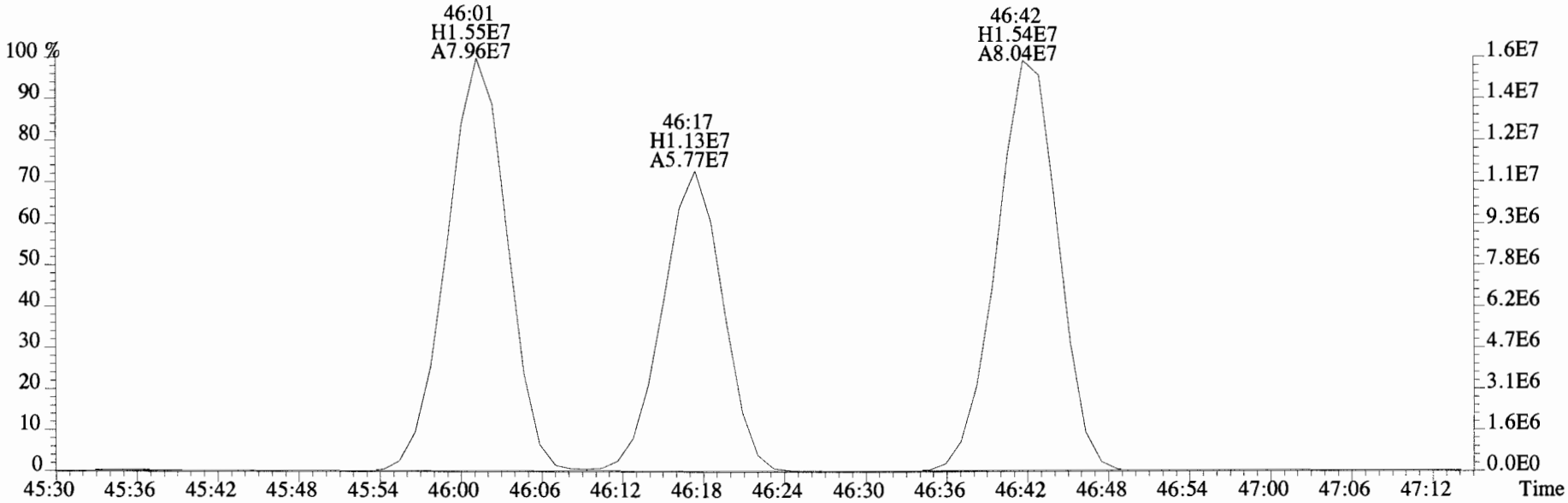
380.9760 S:5 F:4



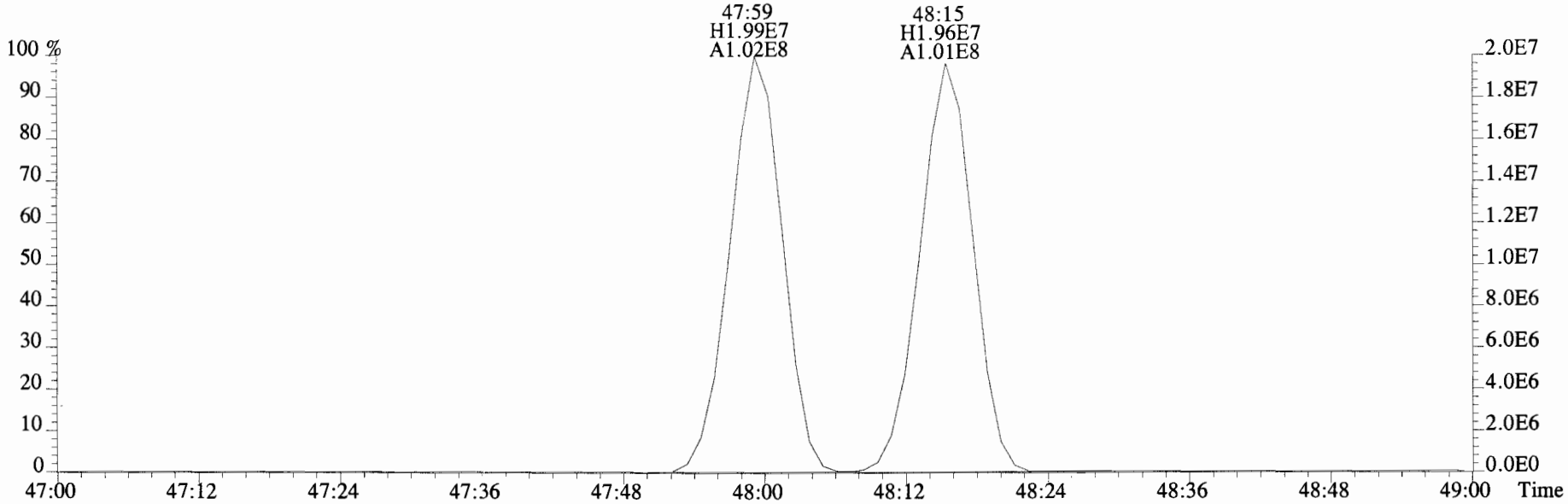
File:180208E1 #1-574 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
371.8817 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27148.0,0.00%,F,F)



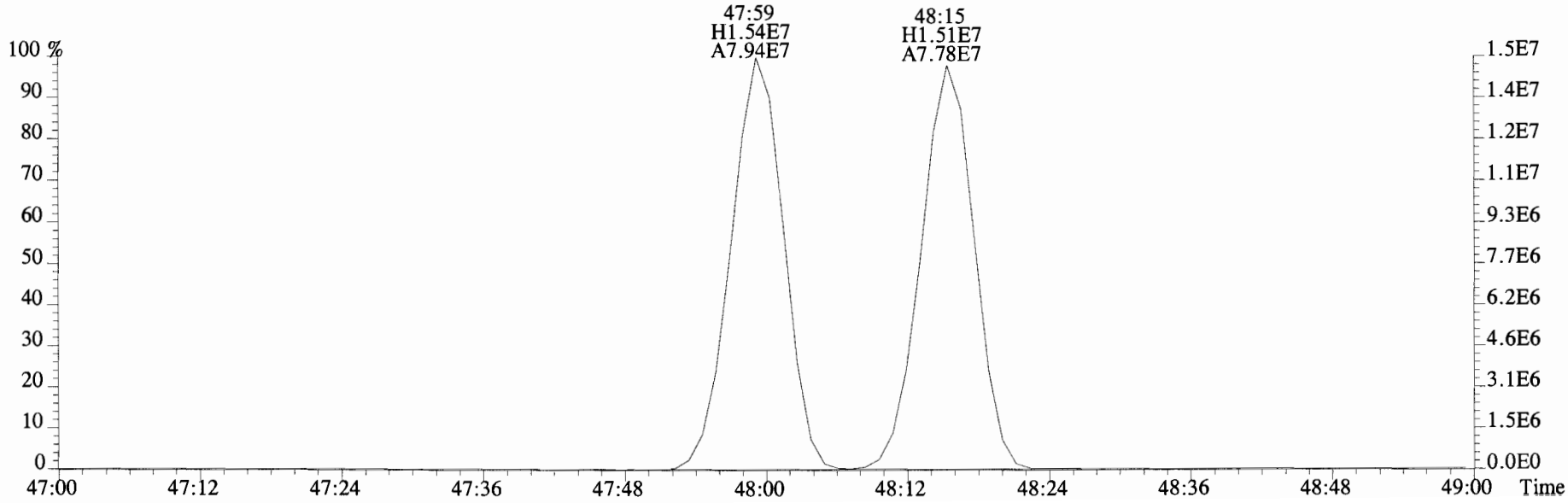
373.8788 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20348.0,0.00%,F,F)



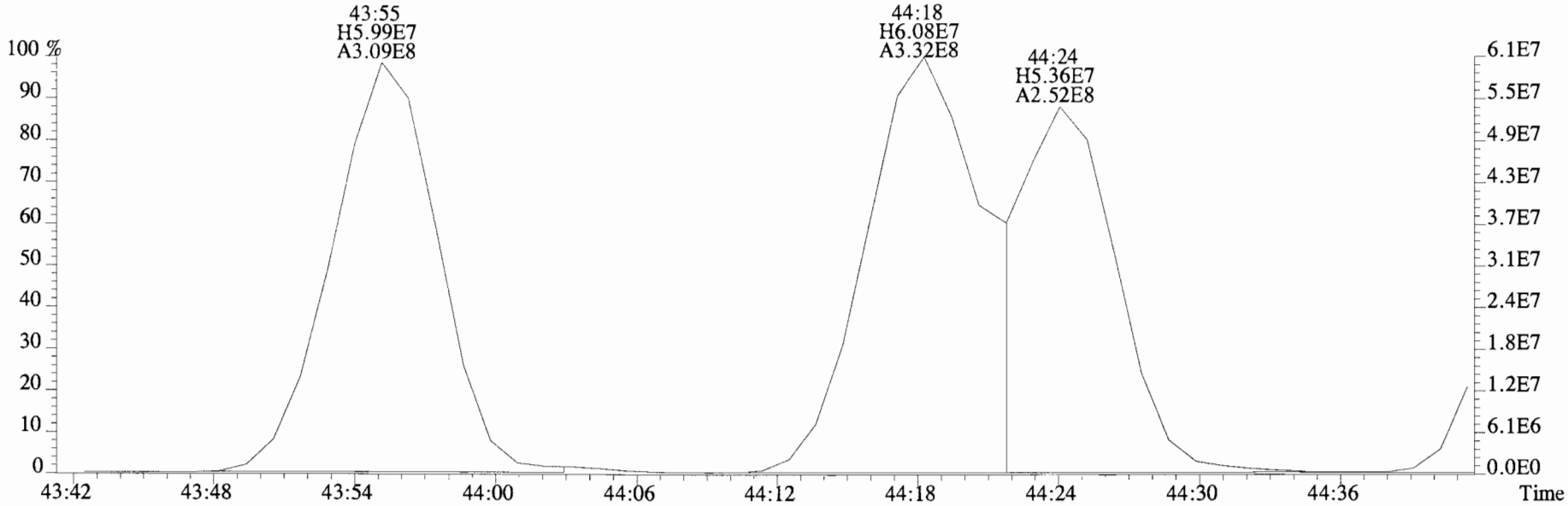
File:180208E1 #1-574 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
371.8817 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27148.0,0.00%,F,F)



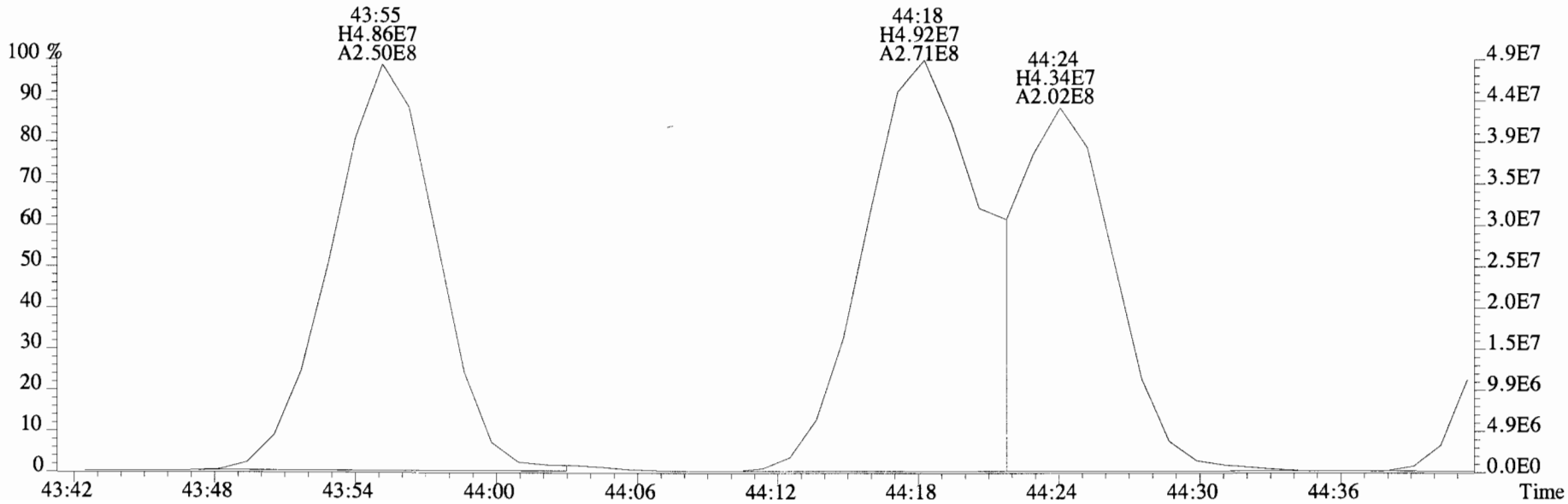
373.8788 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20348.0,0.00%,F,F)



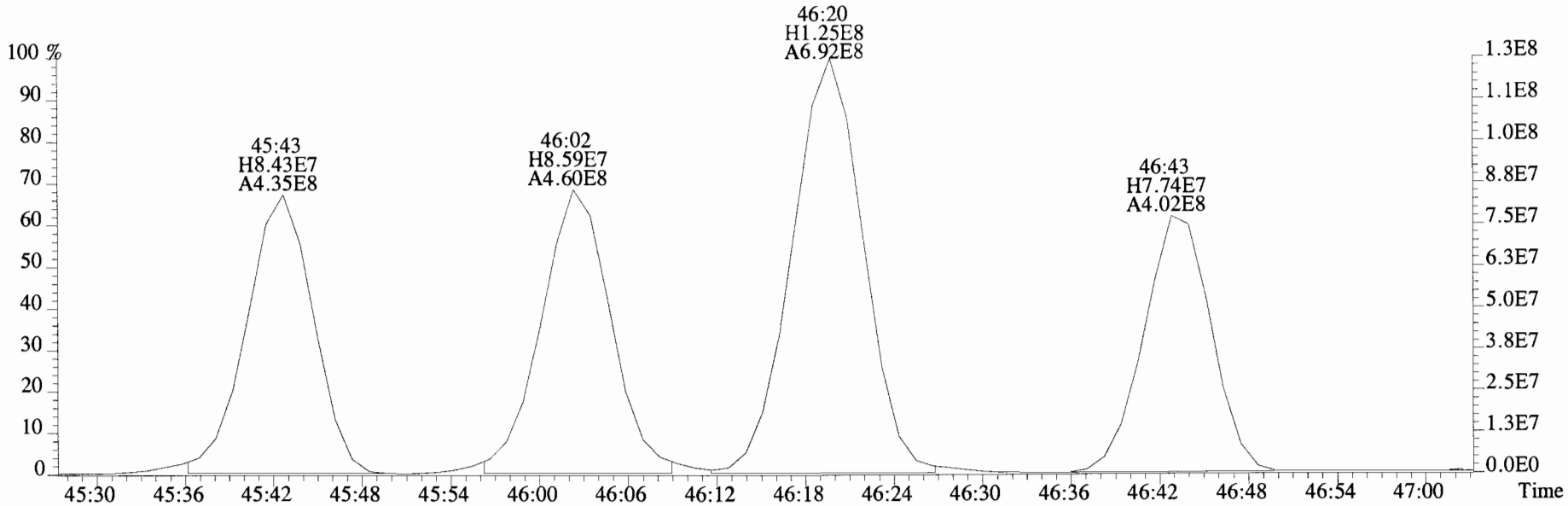
File:180208E1 #1-574 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
359.8415 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,448632.0,0.00%,F,F)



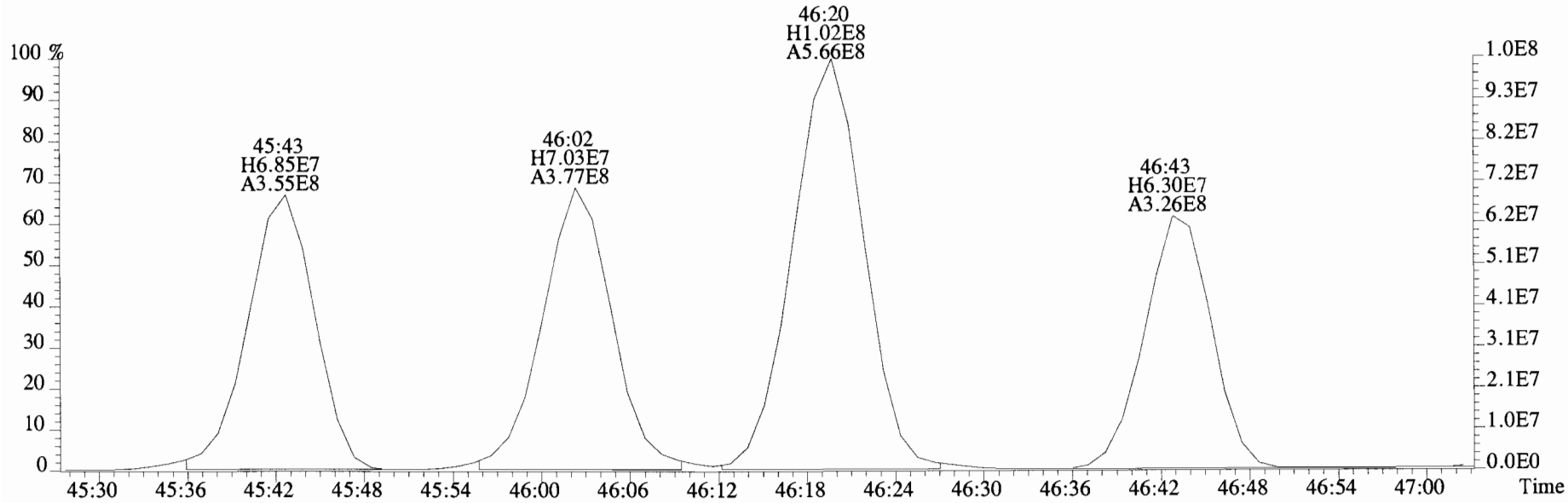
361.8385 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,358152.0,0.00%,F,F)



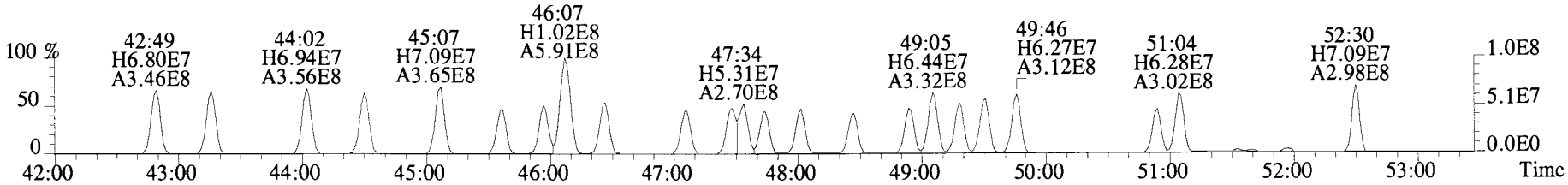
File:180208E1 #1-574 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
359.8415 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,448632.0,0.00%,F,F)



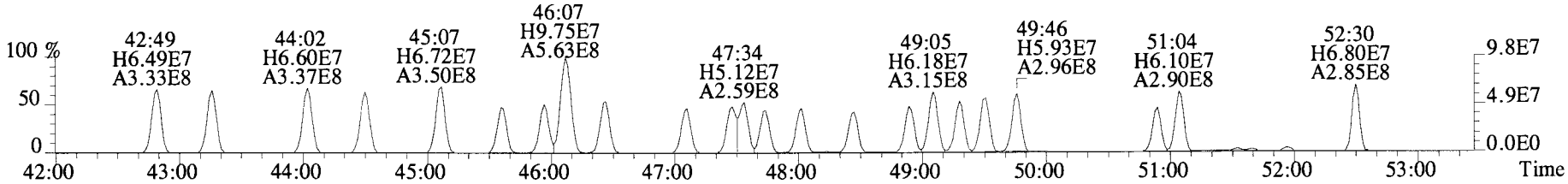
361.8385 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,358152.0,0.00%,F,F)



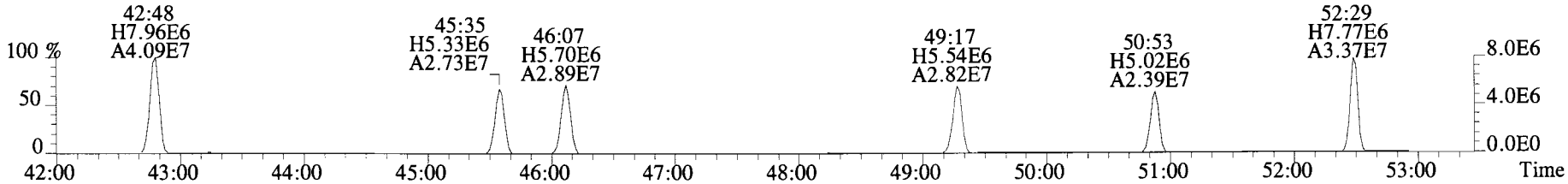
File:180208E1 #1-574 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
393.8025 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,325356.0,0.00%,F,F)



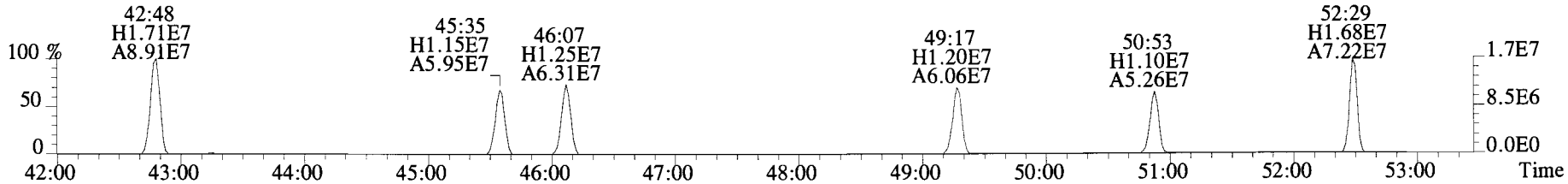
395.7995 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,302116.0,0.00%,F,F)



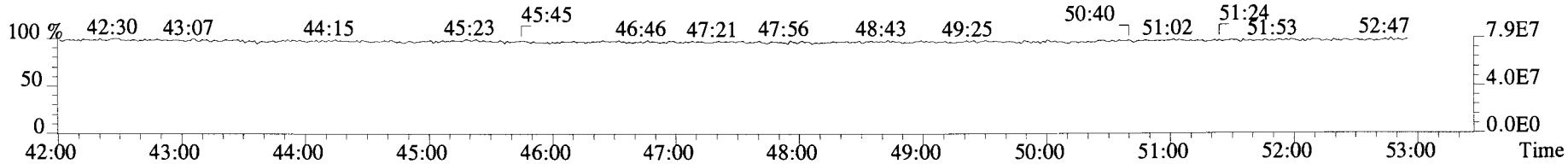
403.8457 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9408.0,0.00%,F,F)



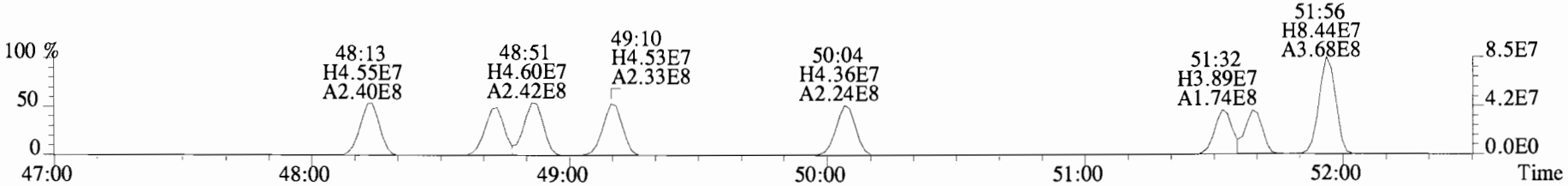
405.8428 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17680.0,0.00%,F,F)



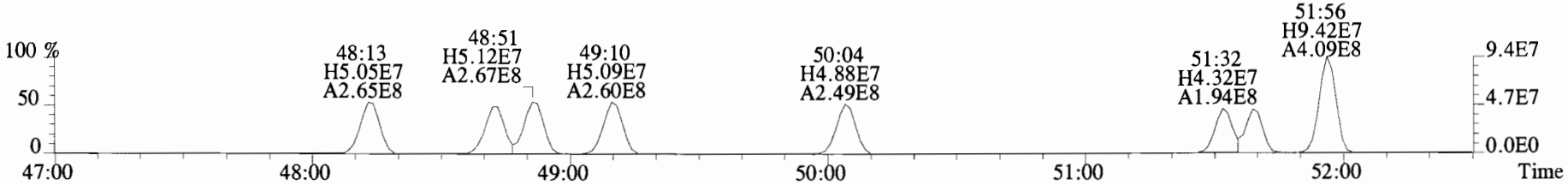
380.9760 S:5 F:4



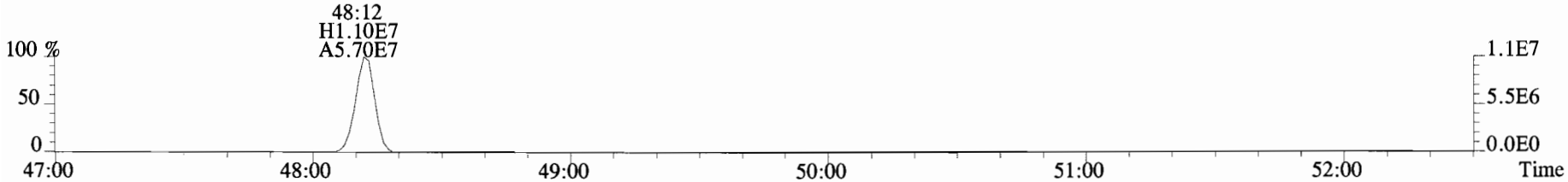
File:180208E1 #1-574 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
427.7635 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,51864.0,0.00%,F,F)



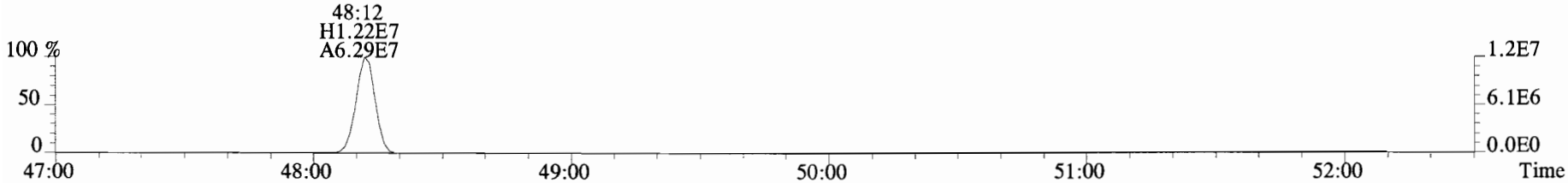
429.7606 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,57104.0,0.00%,F,F)



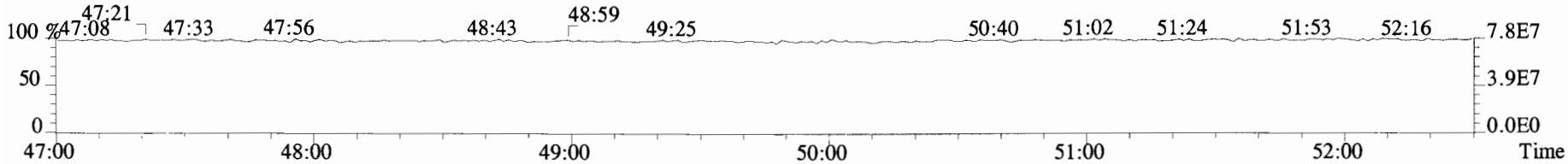
439.8038 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2544.0,0.00%,F,F)



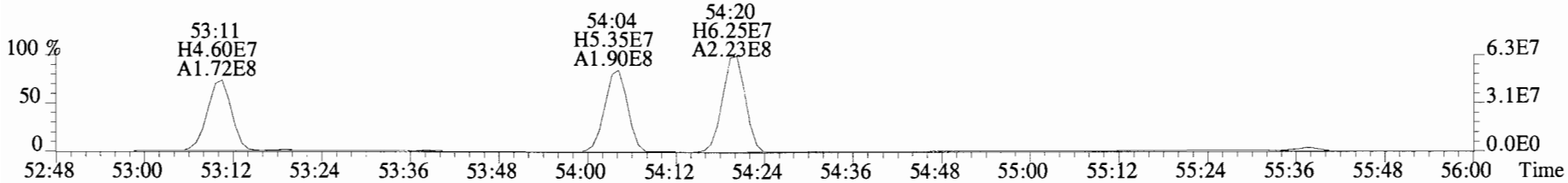
441.8008 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6976.0,0.00%,F,F)



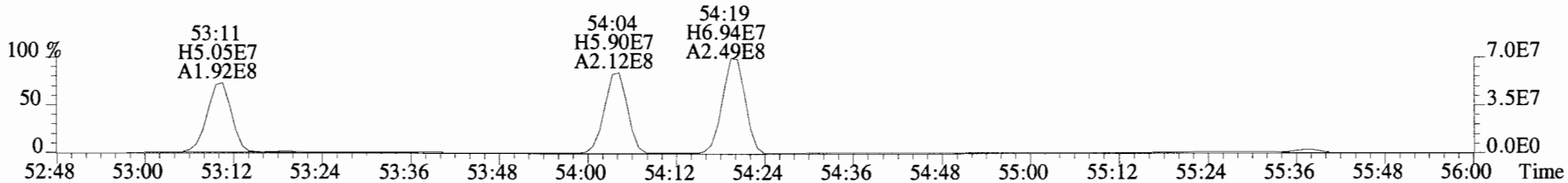
380.9760 S:5 F:4



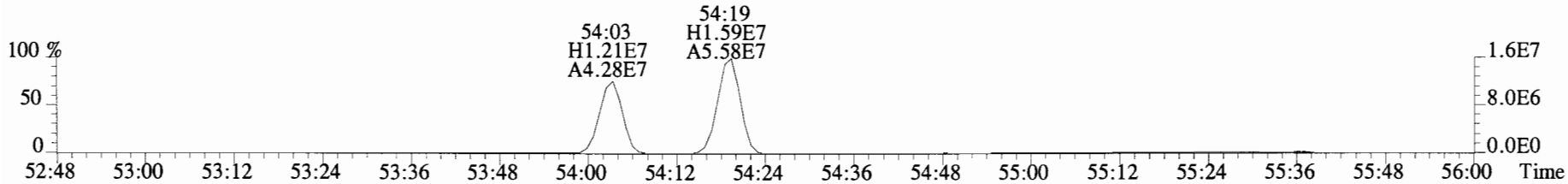
File:180208E1 #1-407 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
427.7635 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,271760.0,0.00%,F,F)



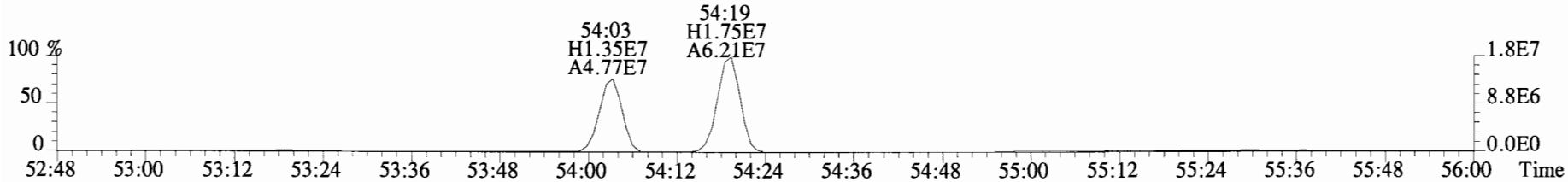
429.7606 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,305640.0,0.00%,F,F)



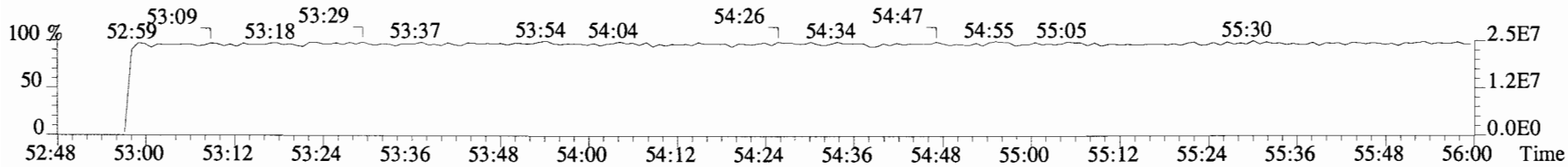
439.8038 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10252.0,0.00%,F,F)



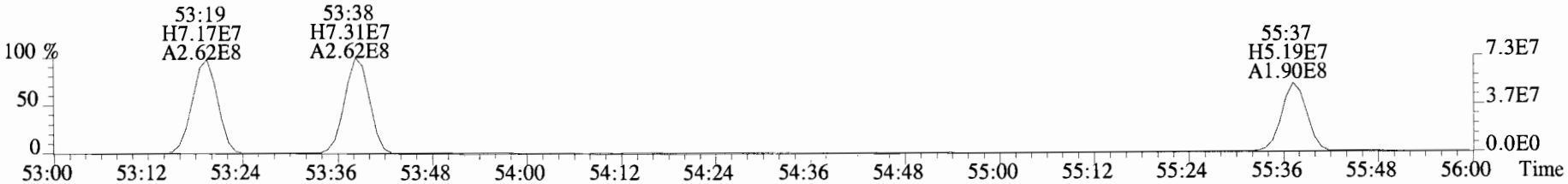
441.8008 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9748.0,0.00%,F,F)



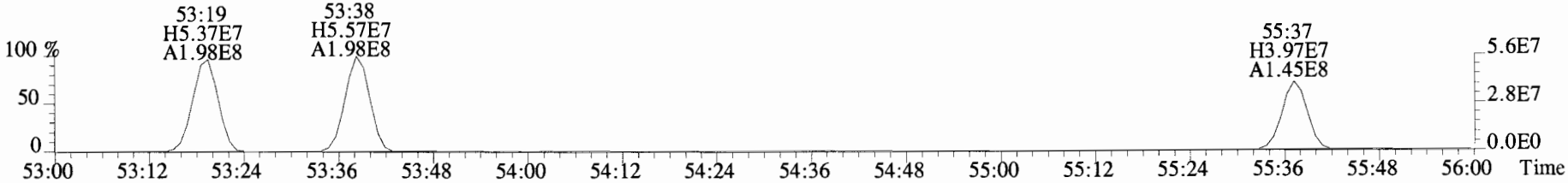
492.9697 S:5 F:5



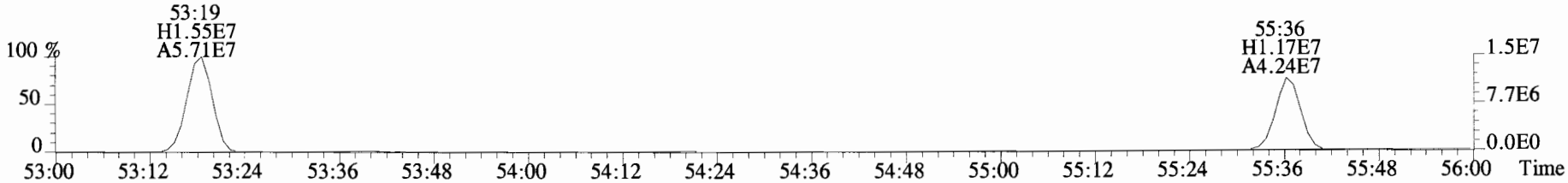
File:180208E1 #1-407 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
463.7216 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,229276.0,0.00%,F,F)



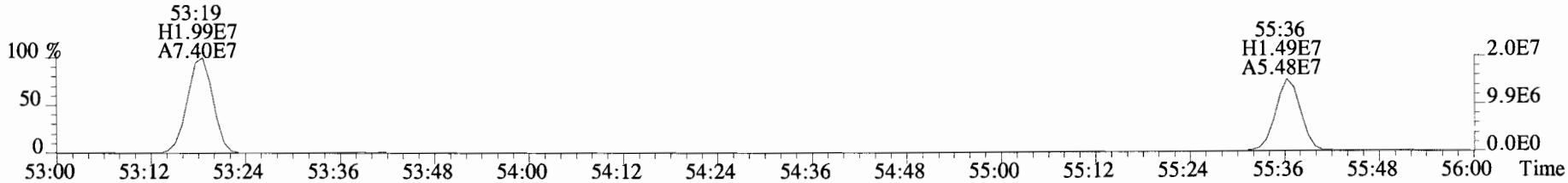
465.7186 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,174376.0,0.00%,F,F)



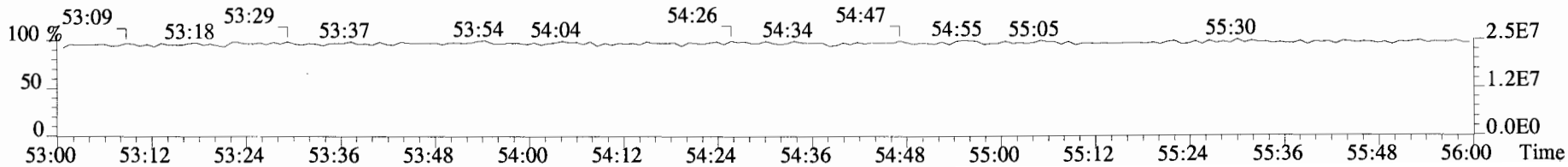
473.7648 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37356.0,0.00%,F,F)



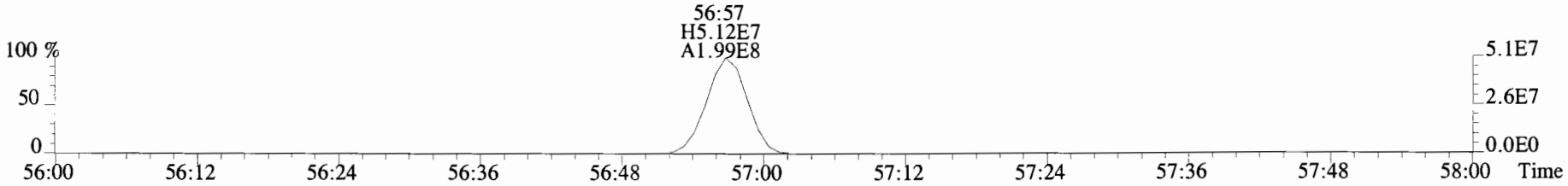
475.7619 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,47388.0,0.00%,F,F)



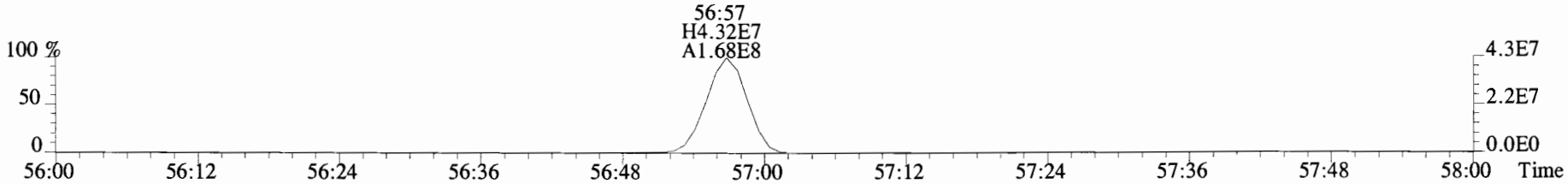
492.9697 S:5 F:5



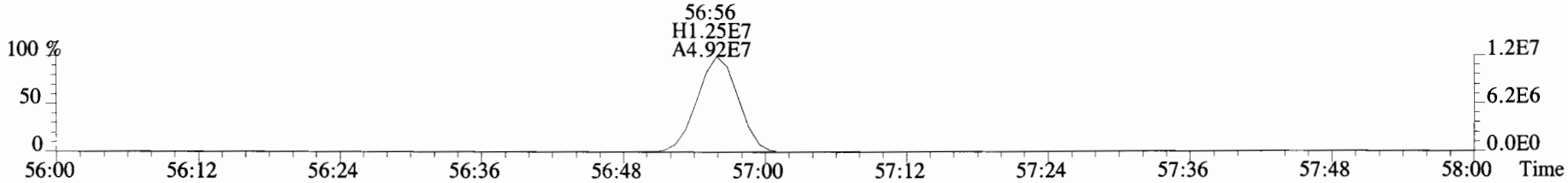
File:180208E1 #1-407 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
497.6826 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1776.0,0.00%,F,F)



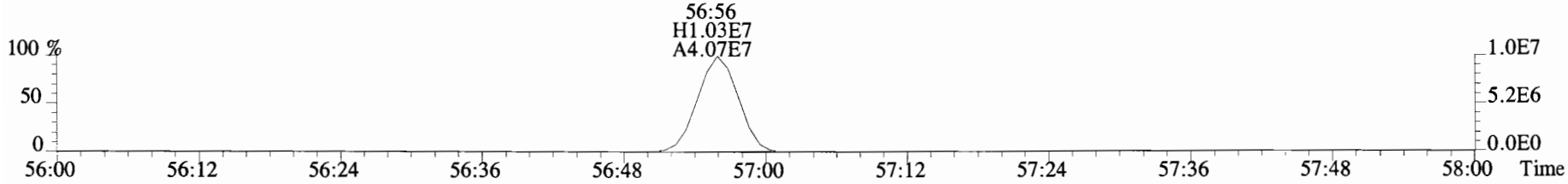
499.6797 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1780.0,0.00%,F,F)



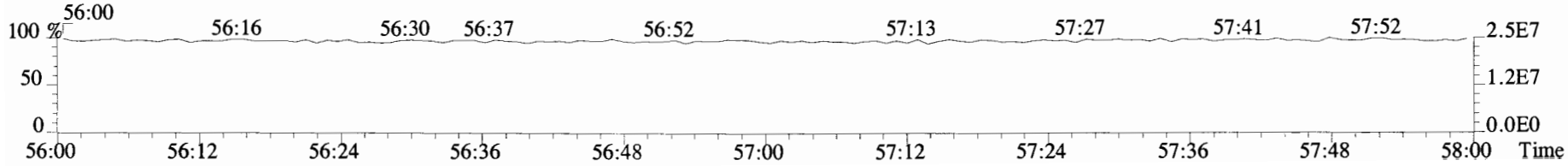
509.7229 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1792.0,0.00%,F,F)



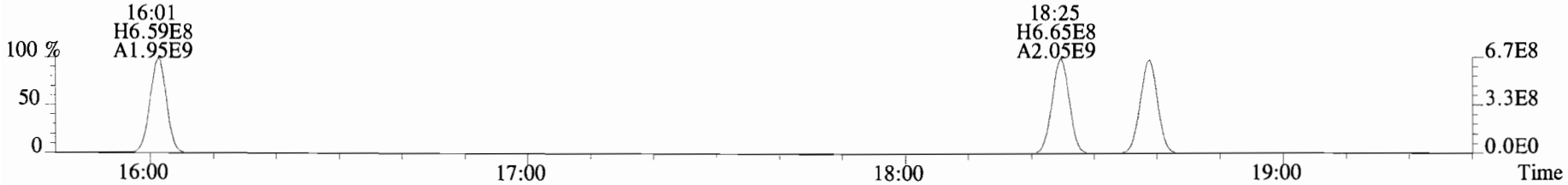
511.7199 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1656.0,0.00%,F,F)



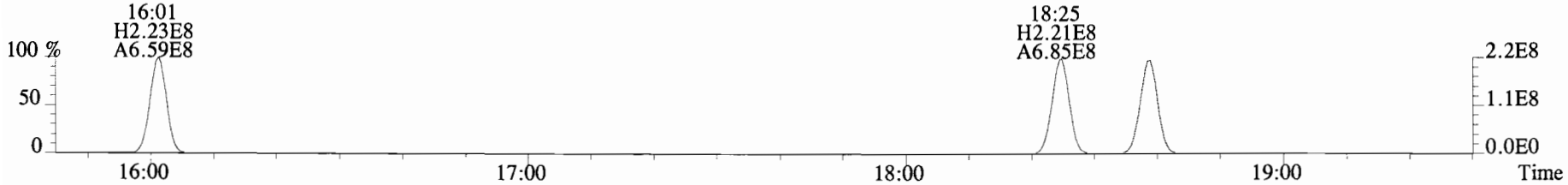
492.9697 S:5 F:5



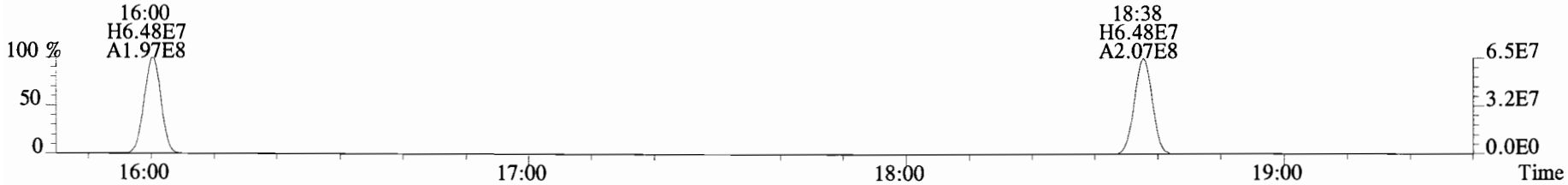
File:180208E1 #1-867 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
188.0393 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13676.0,0.00%,F,F)



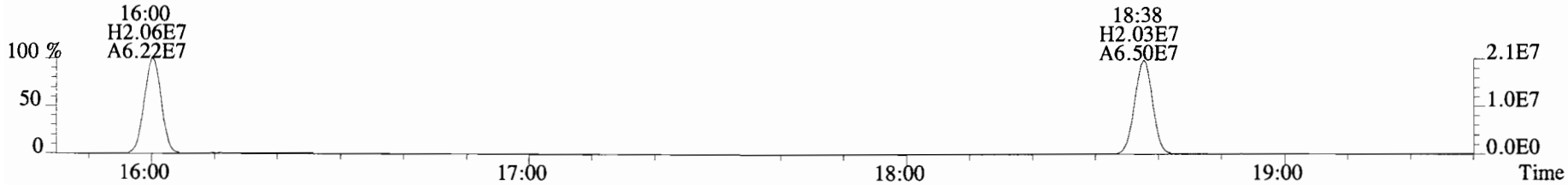
190.0363 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8128.0,0.00%,F,F)



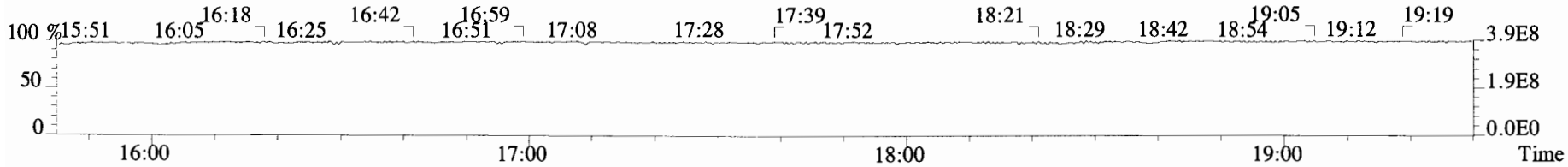
200.0795 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7876.0,0.00%,F,F)



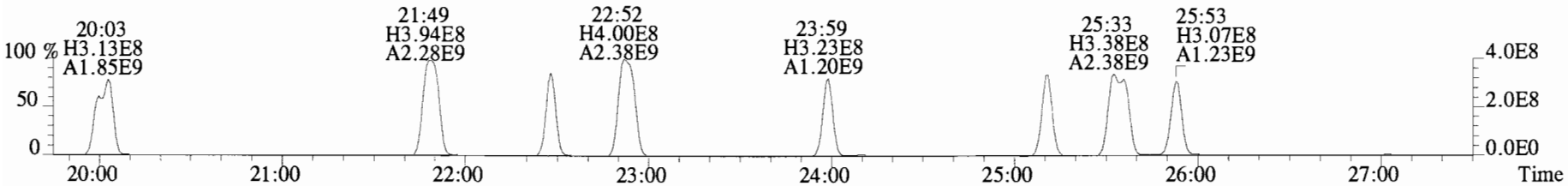
202.0766 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,40796.0,0.00%,F,F)



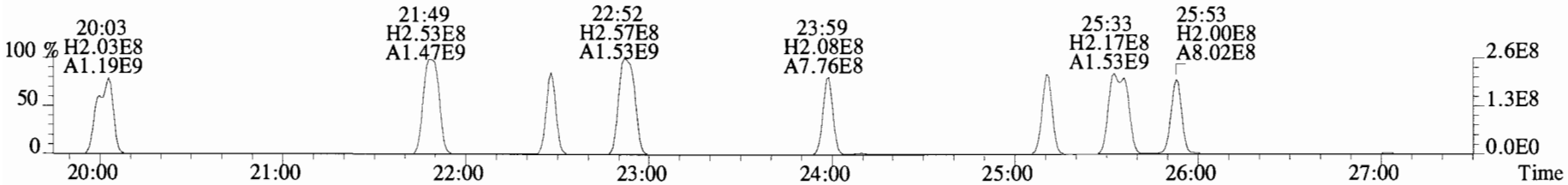
180.9880 S:6



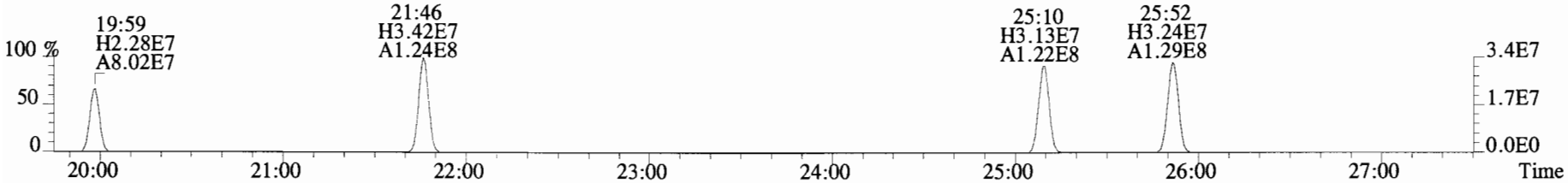
File:180208E1 #1-757 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
222.0003 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,105088.0,0.00%,F,F)



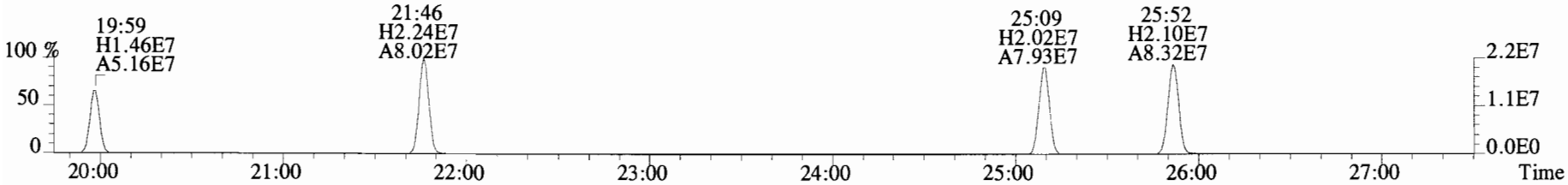
223.9974 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,63132.0,0.00%,F,F)



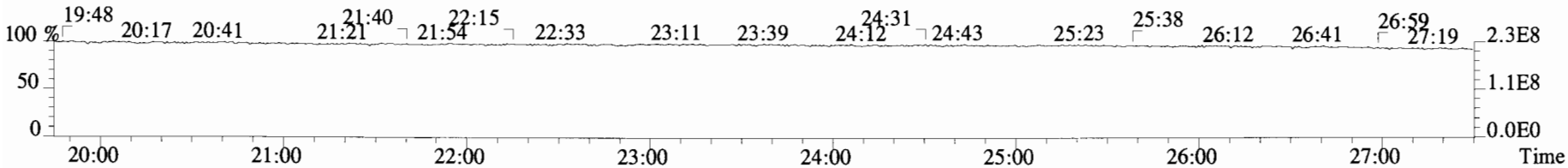
234.0406 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5376.0,0.00%,F,F)



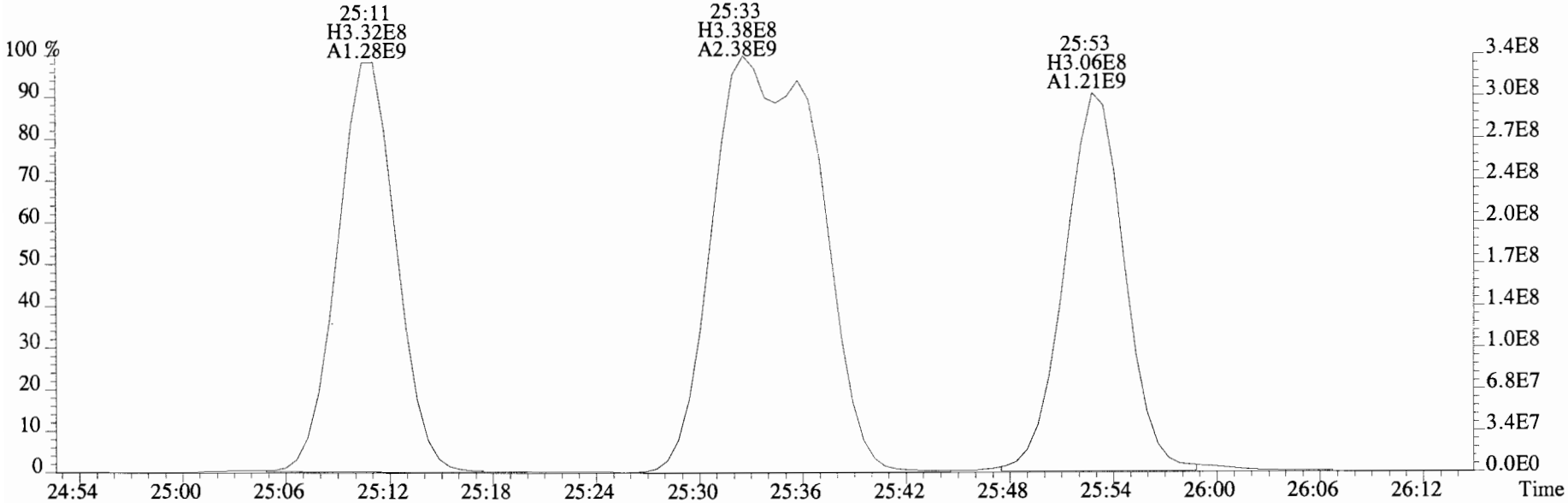
236.0376 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5360.0,0.00%,F,F)



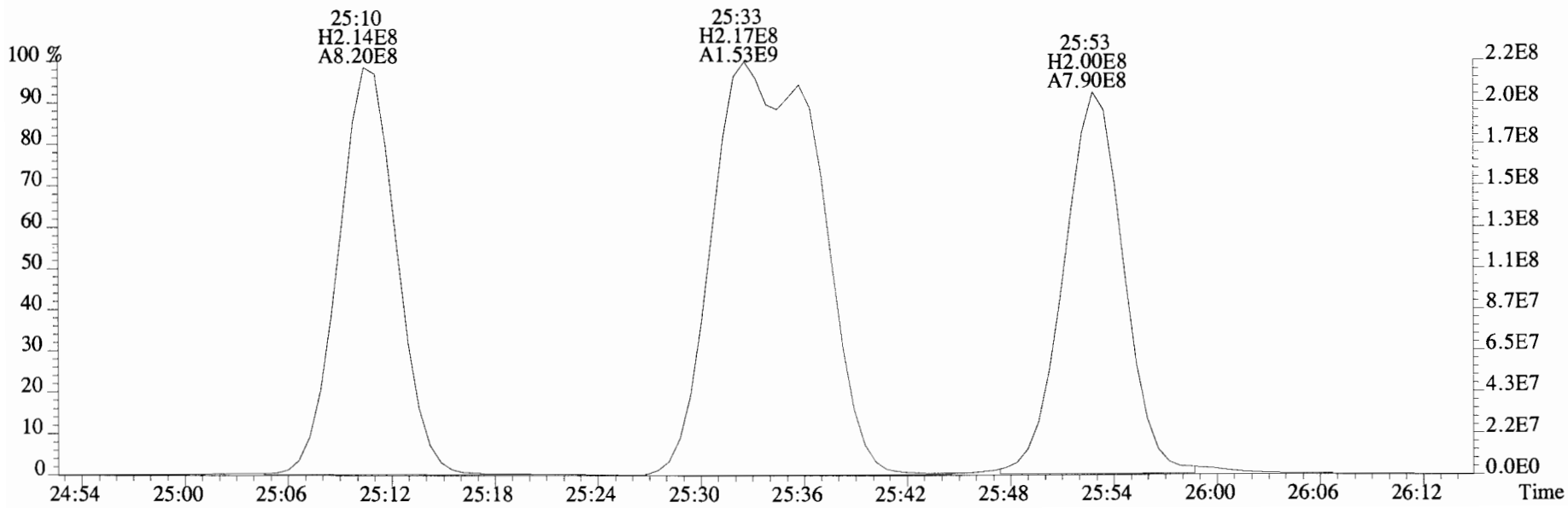
230.9856 S:6 F:2



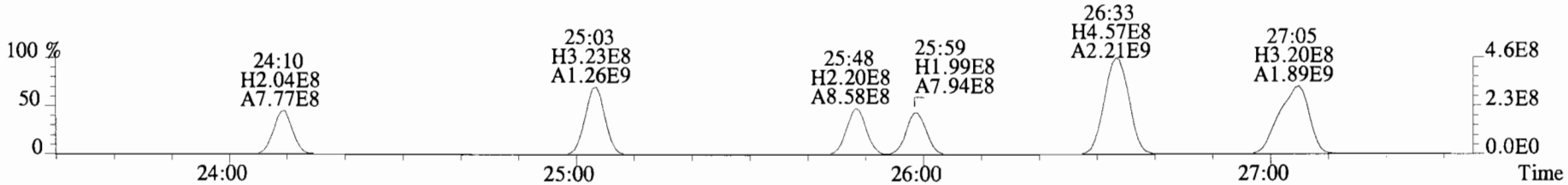
File:180208E1 #1-757 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
222.0003 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,105088.0,0.00%,F,F)



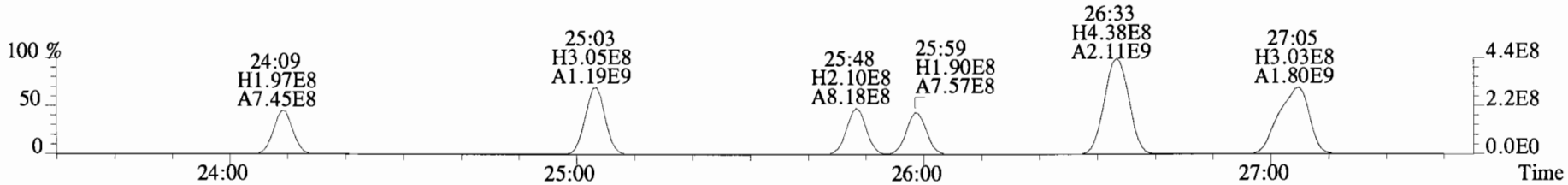
223.9974 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,63132.0,0.00%,F,F)



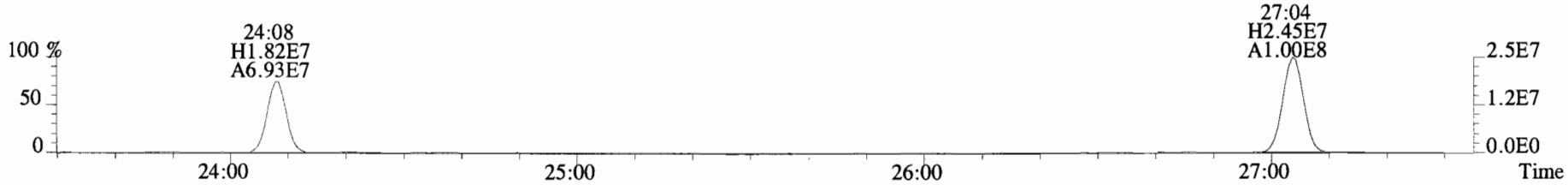
File:180208E1 #1-757 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
255.9613 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4416.0,0.00%,F,F)



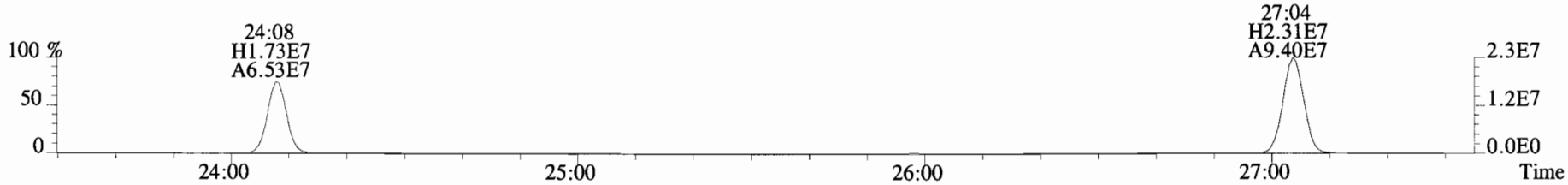
257.9584 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3504.0,0.00%,F,F)



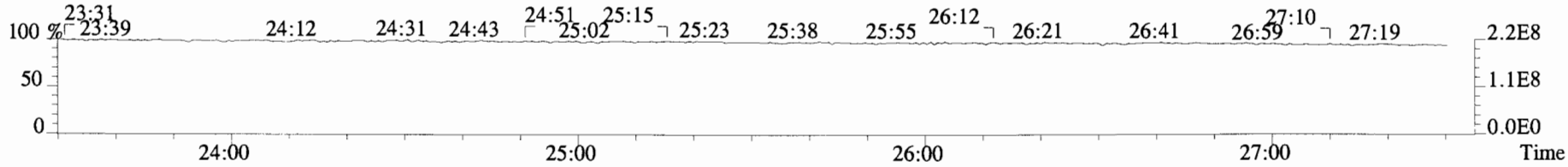
268.0016 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,90196.0,0.00%,F,F)



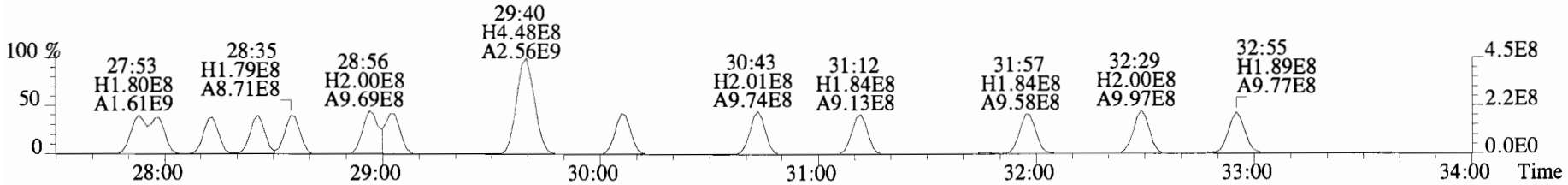
269.9986 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38764.0,0.00%,F,F)



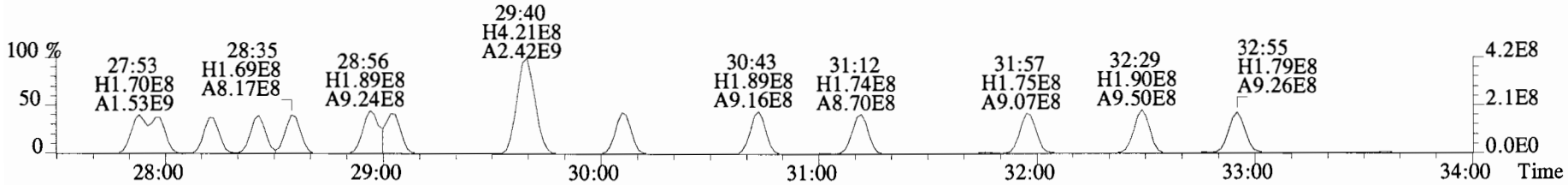
230.9856 S:6 F:2



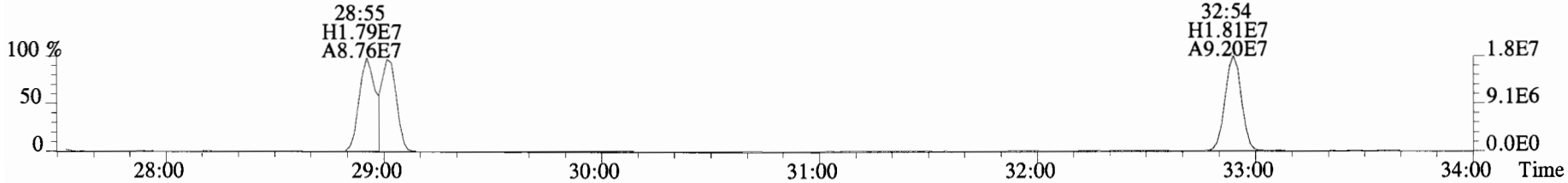
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
255.9613 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,213976.0,0.00%,F,F)



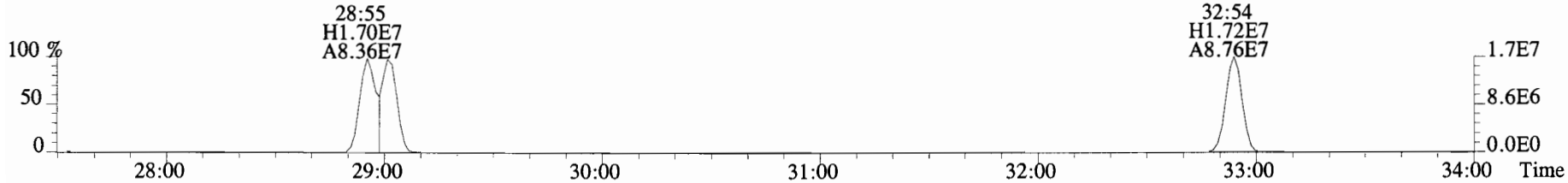
257.9584 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,176416.0,0.00%,F,F)



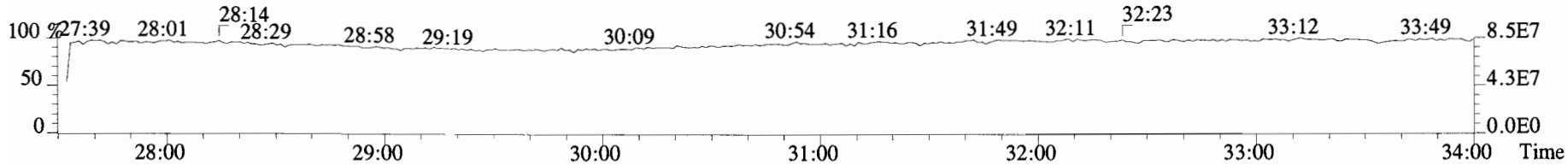
268.0016 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,63432.0,0.00%,F,F)



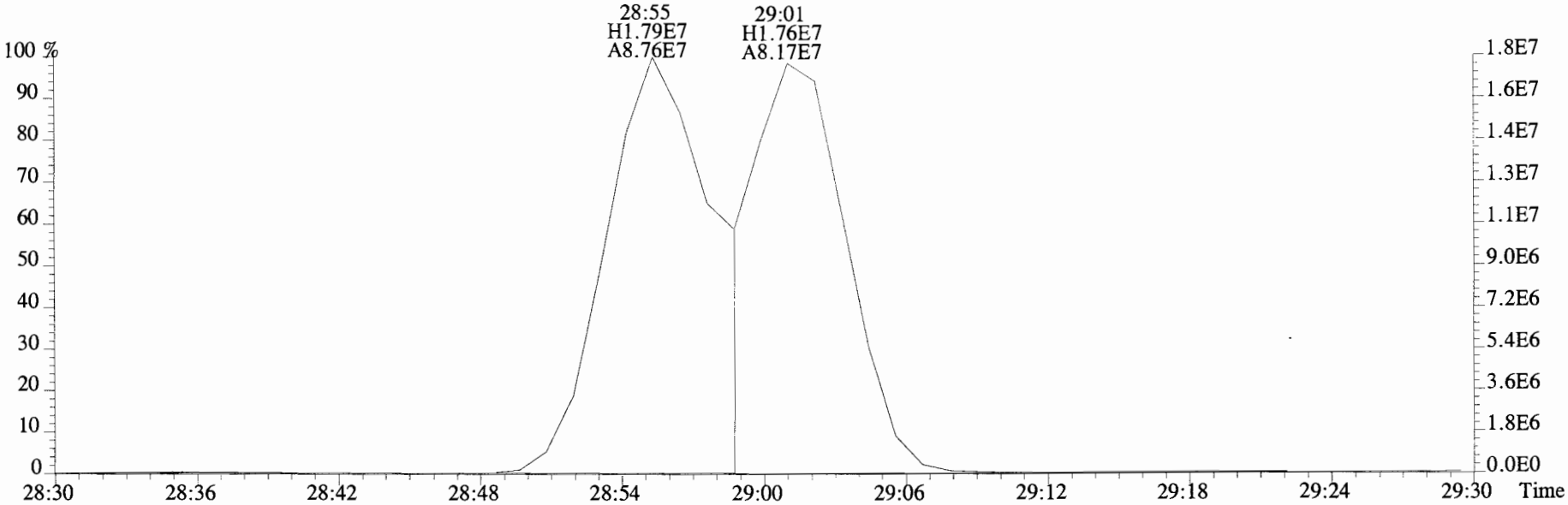
269.9986 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25116.0,0.00%,F,F)



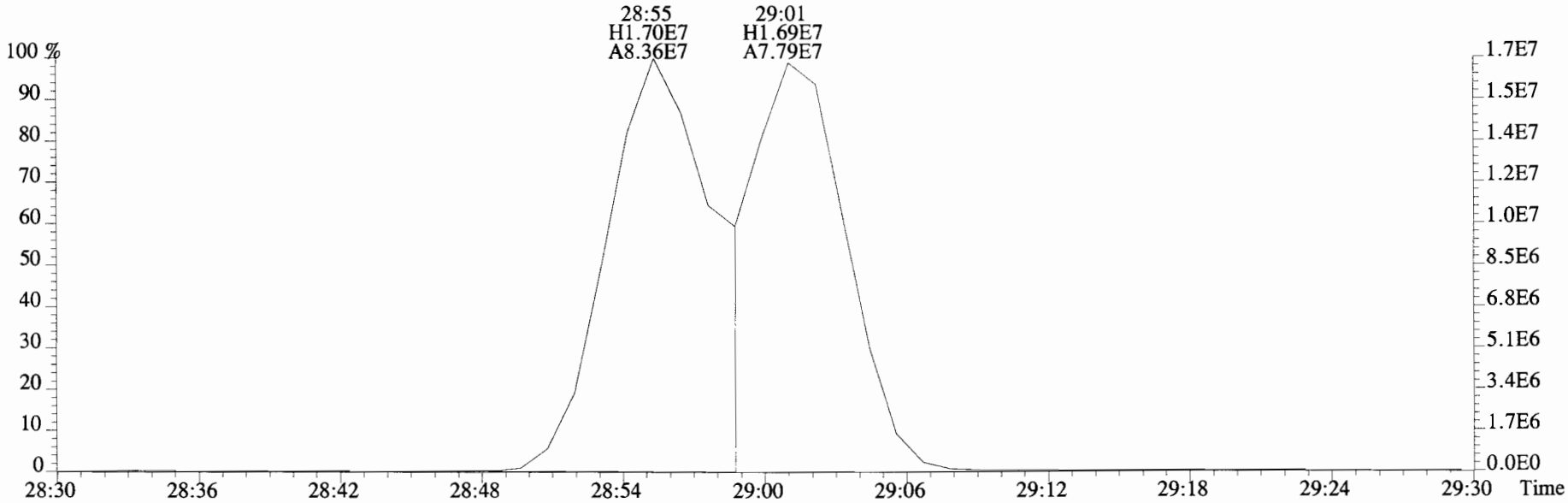
330.9792 S:6 F:3



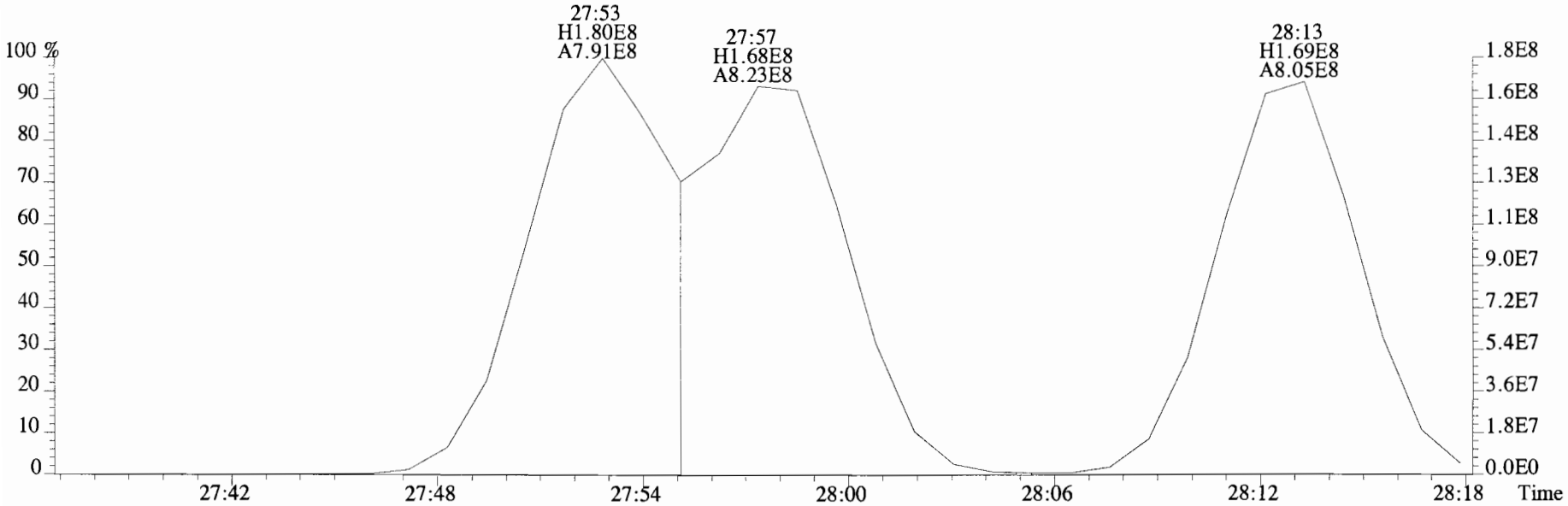
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
268.0016 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,63432.0,0.00%,F,F)



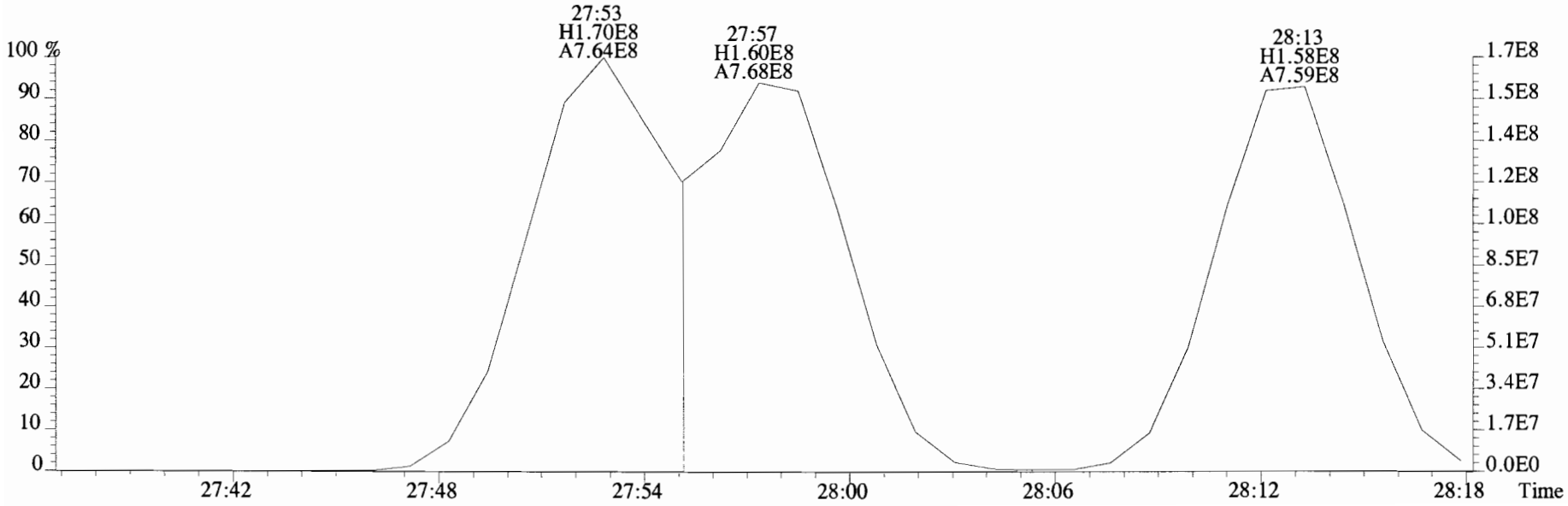
269.9986 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25116.0,0.00%,F,F)



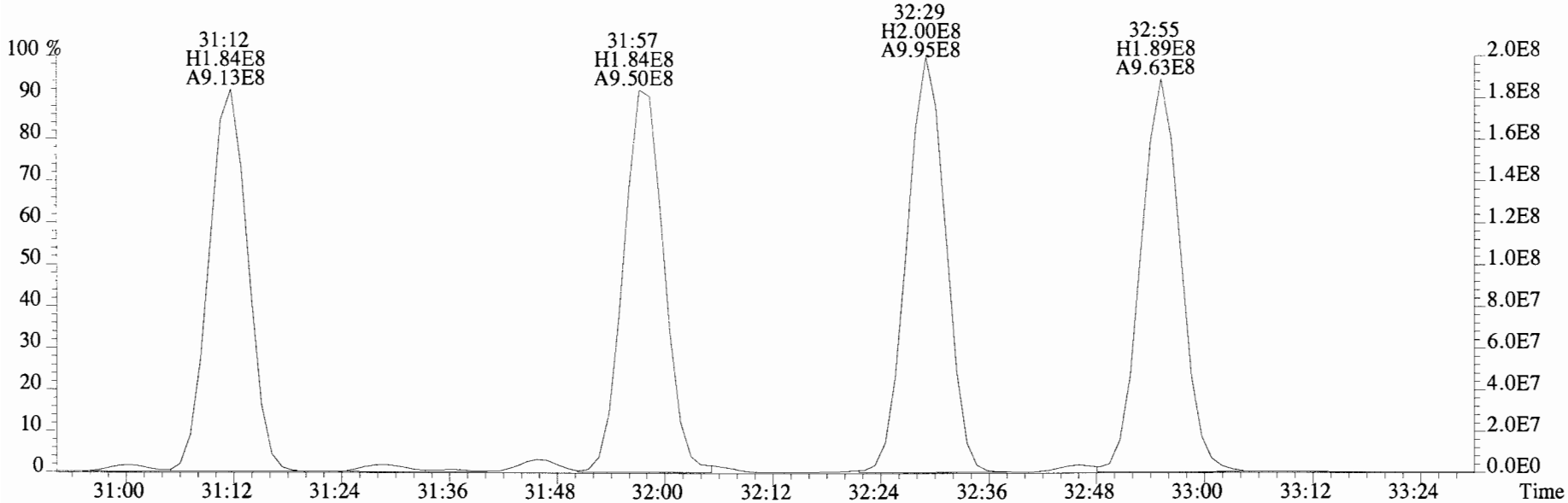
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
255.9613 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,213976.0,0.00%,F,F)



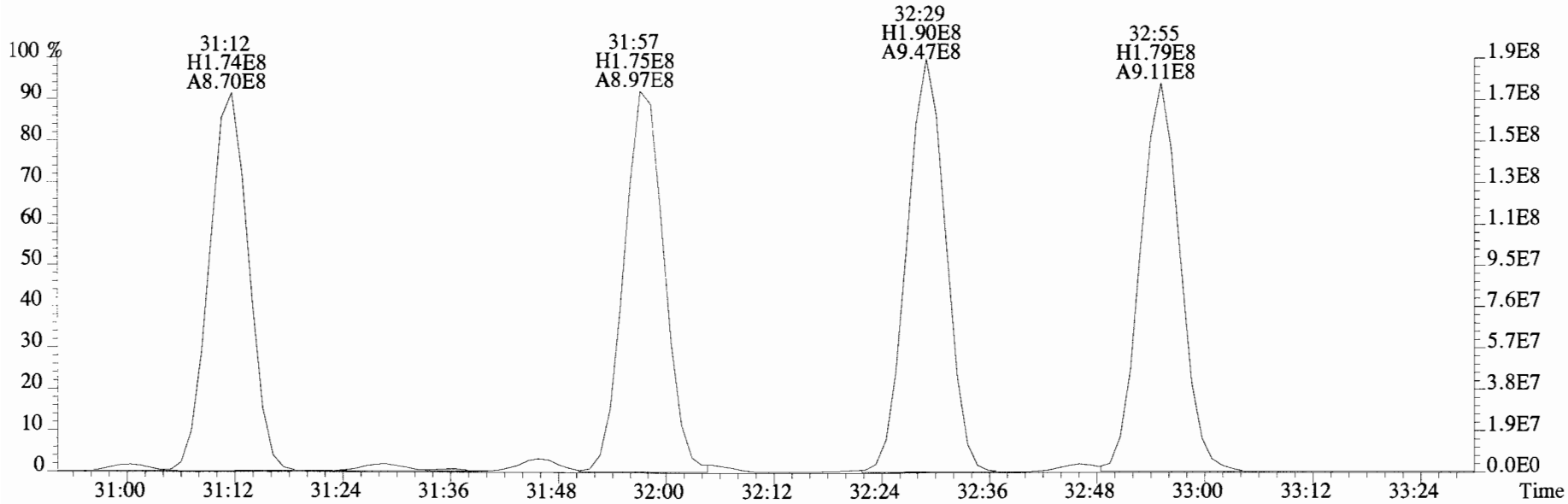
257.9584 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,176416.0,0.00%,F,F)



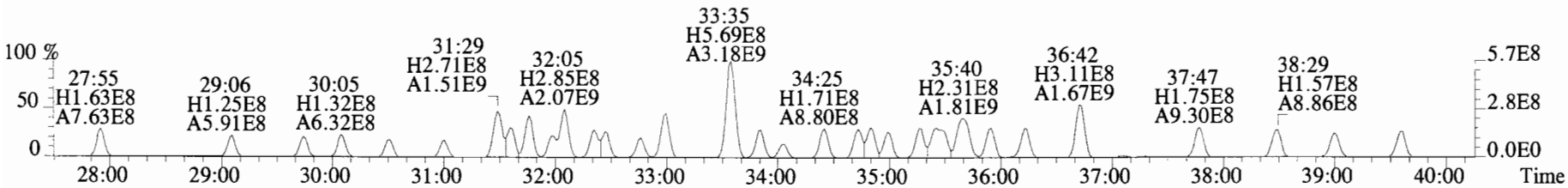
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
255.9613 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,213976.0,0.00%,F,F)



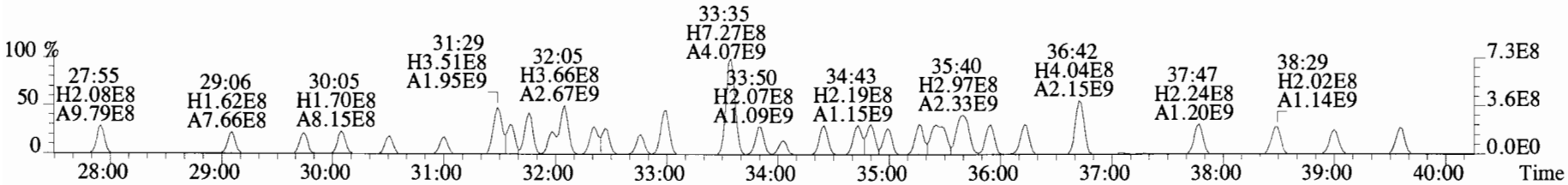
257.9584 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,176416.0,0.00%,F,F)



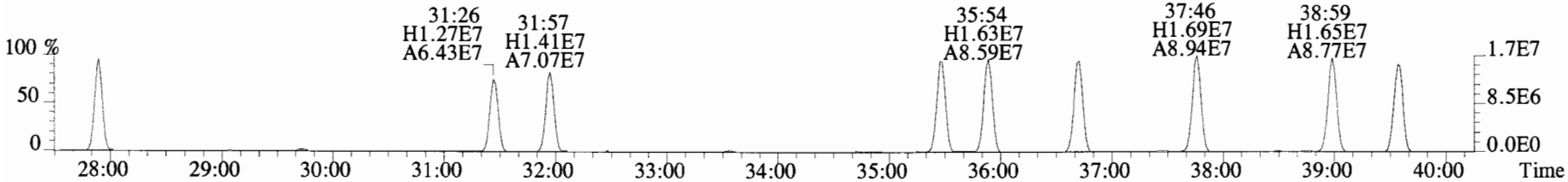
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,258380.0,0.00%,F,F)



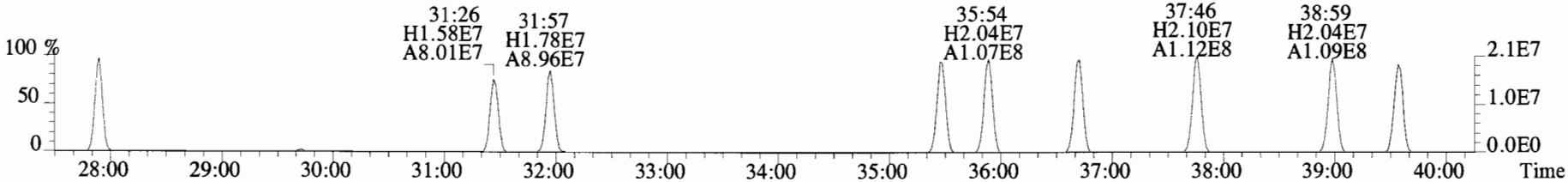
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,148624.0,0.00%,F,F)



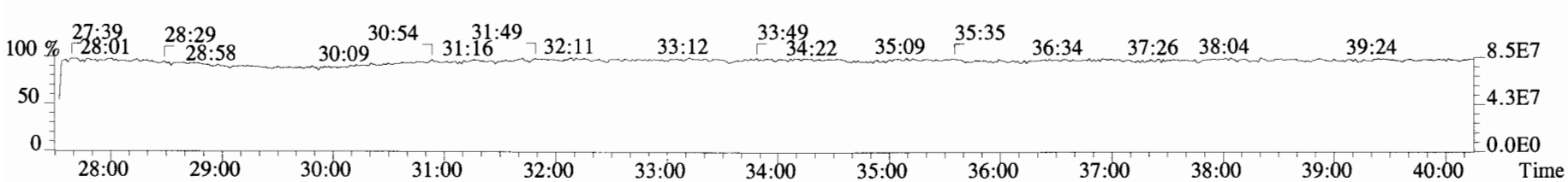
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35976.0,0.00%,F,F)



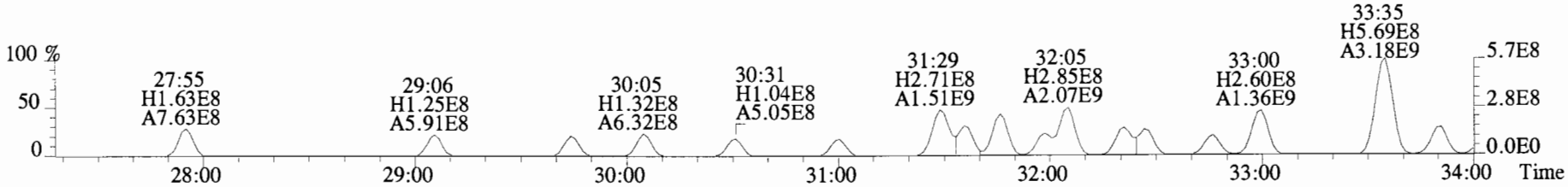
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23044.0,0.00%,F,F)



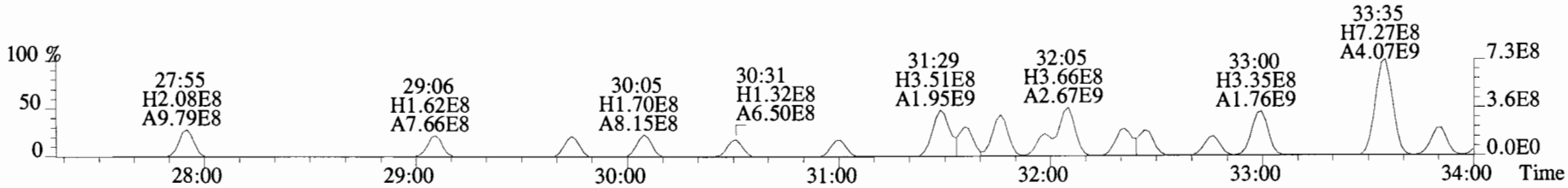
330.9792 S:6 F:3



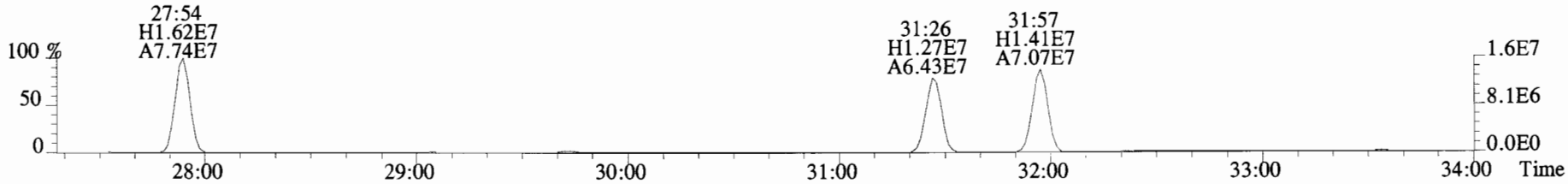
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,258380.0,0.00%,F,F)



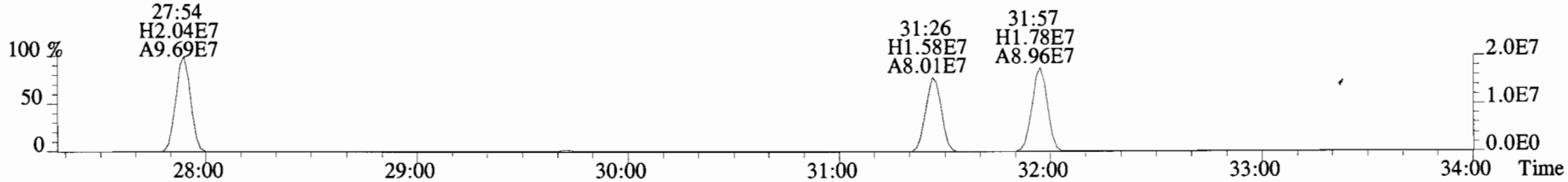
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,148624.0,0.00%,F,F)



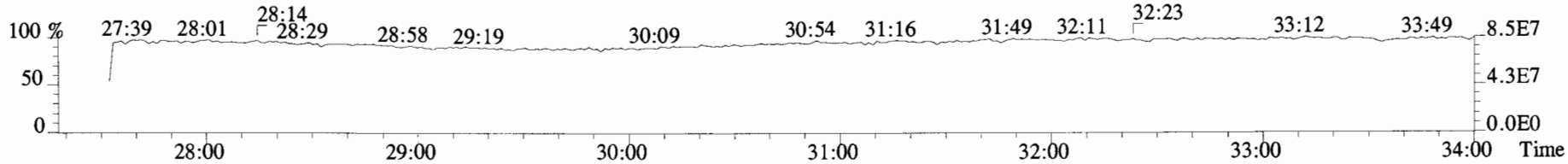
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35976.0,0.00%,F,F)



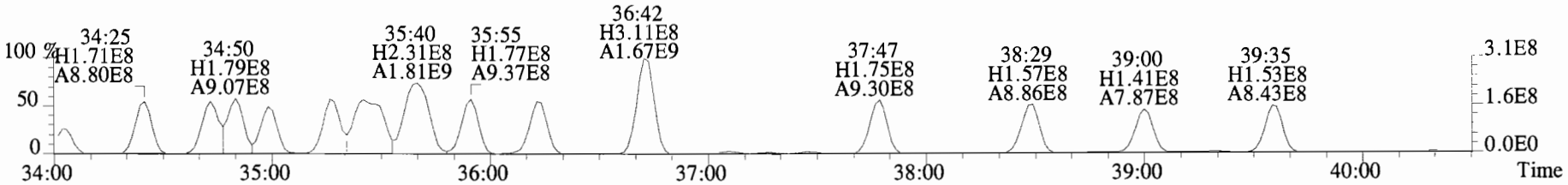
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23044.0,0.00%,F,F)



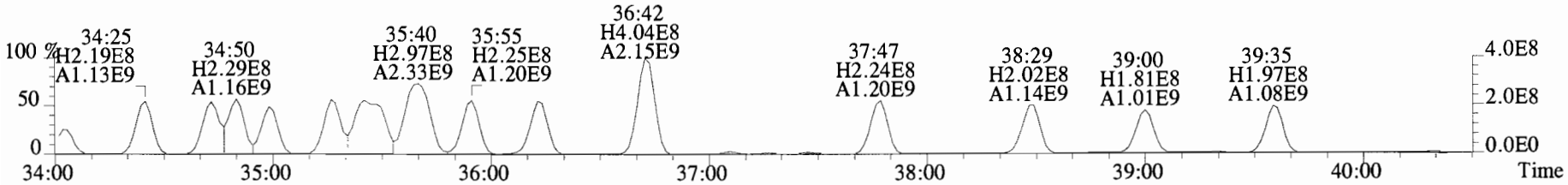
330.9792 S:6 F:3



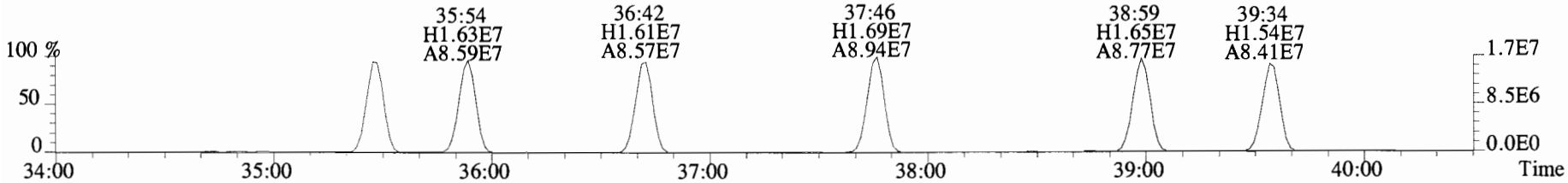
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,258380.0,0.00%,F,F)



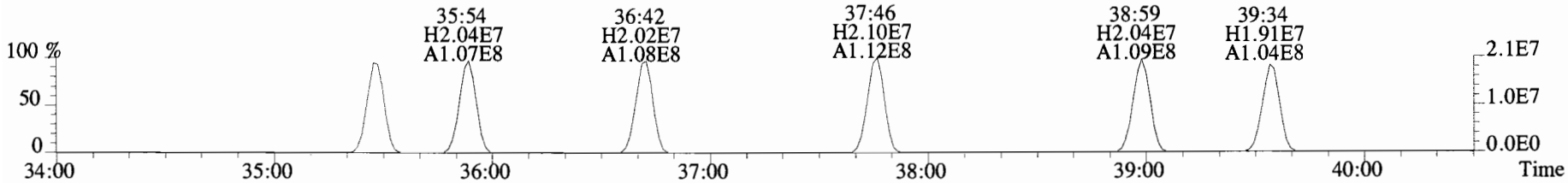
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,148624.0,0.00%,F,F)



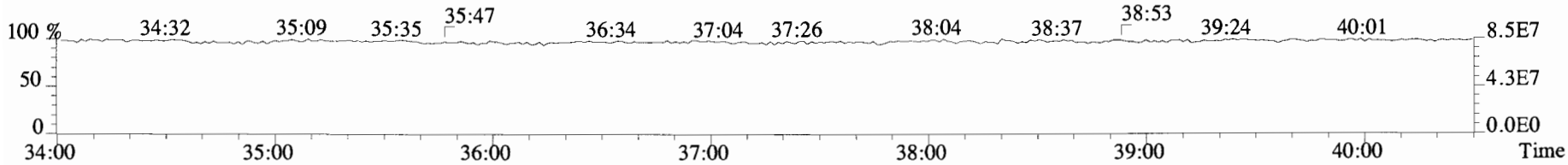
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35976.0,0.00%,F,F)



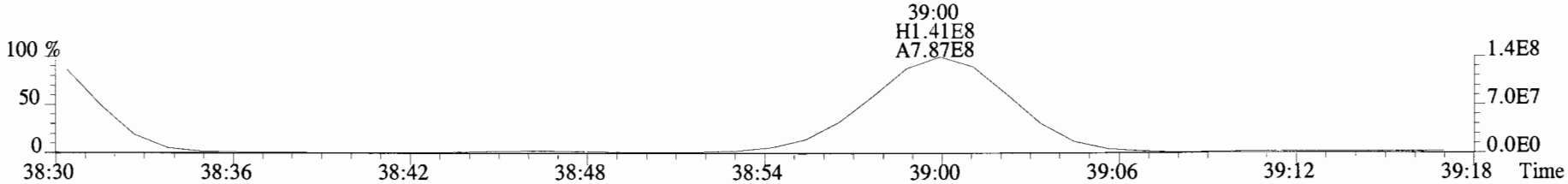
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23044.0,0.00%,F,F)



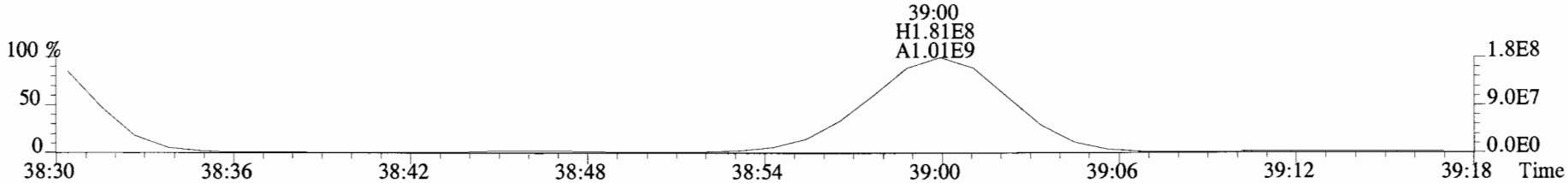
330.9792 S:6 F:3



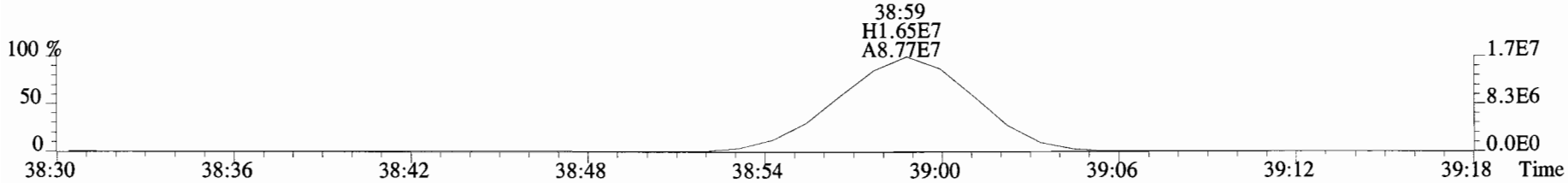
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,258380.0,0.00%,F,F)



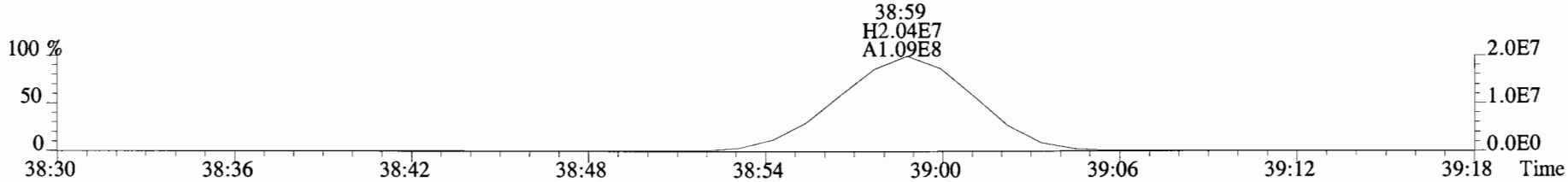
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,148624.0,0.00%,F,F)



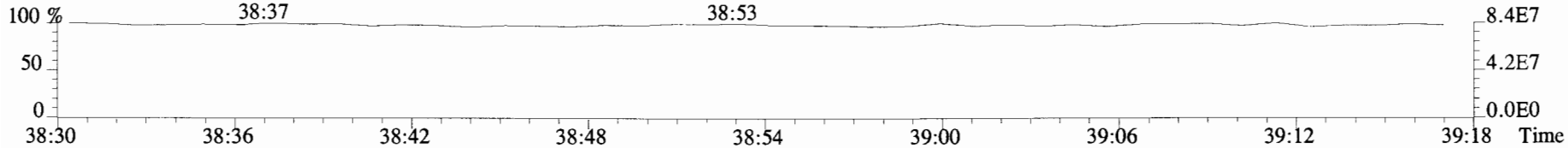
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35976.0,0.00%,F,F)



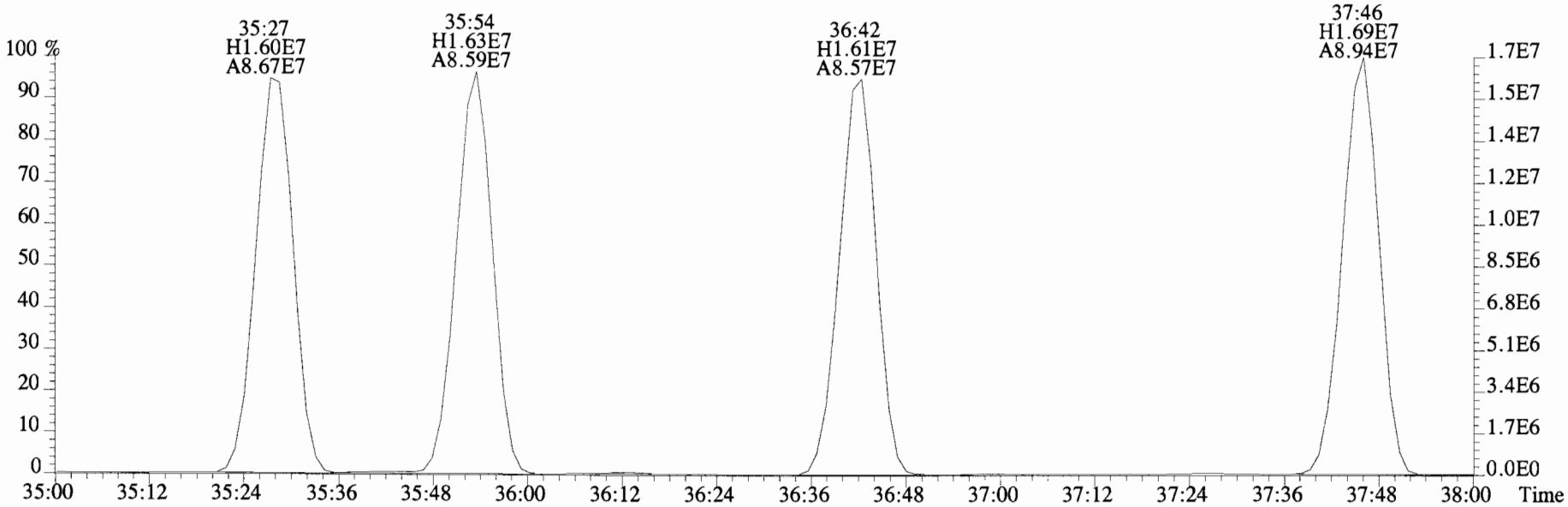
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23044.0,0.00%,F,F)



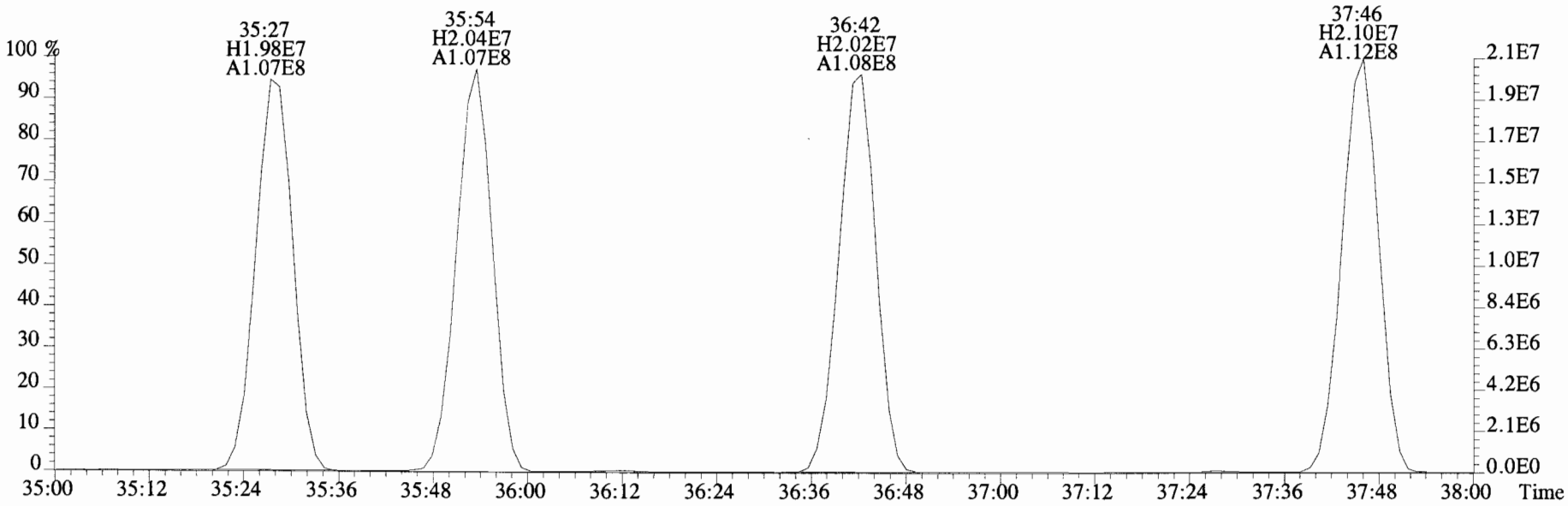
330.9792 S:6 F:3



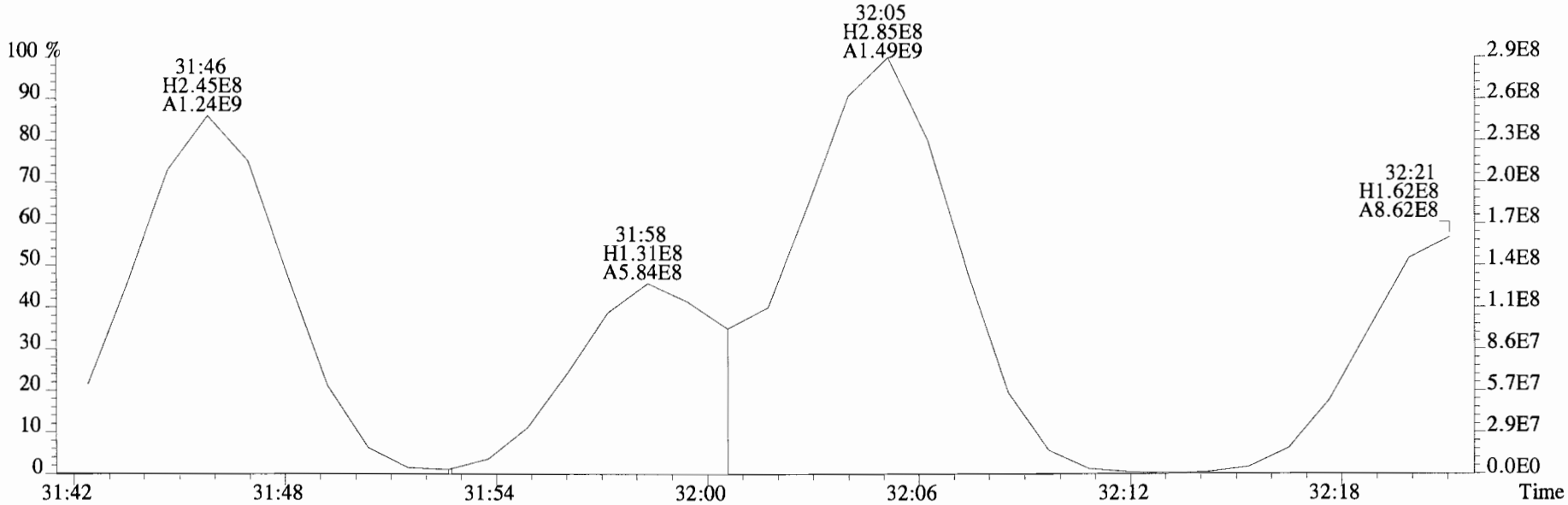
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35976.0,0.00%,F,F)



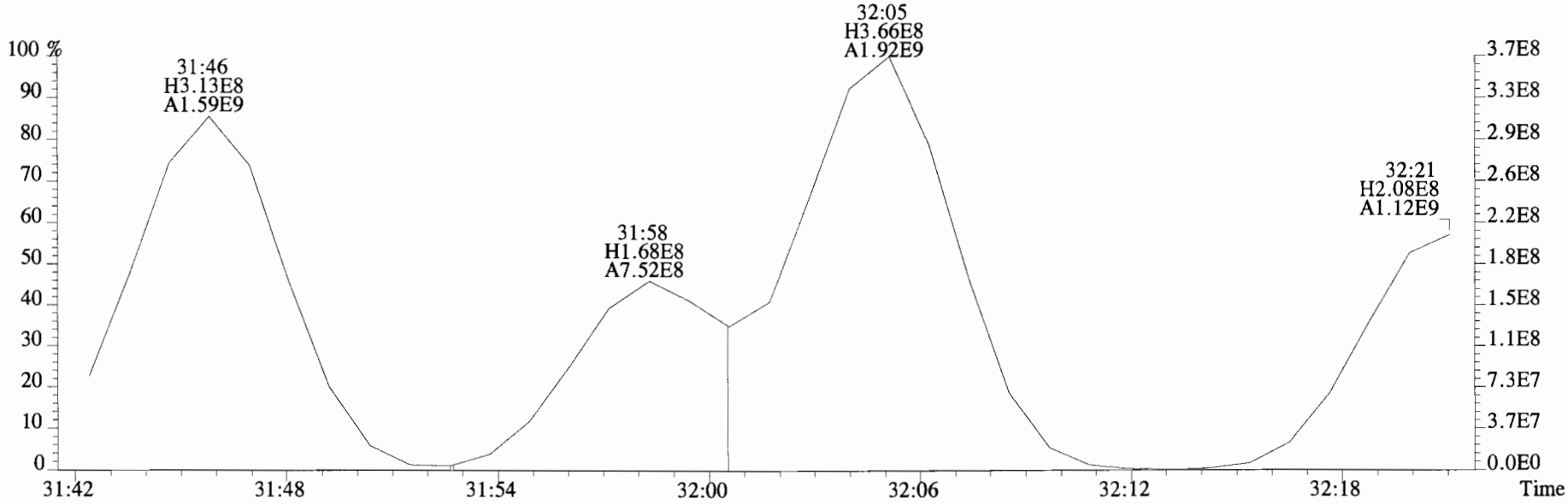
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23044.0,0.00%,F,F)



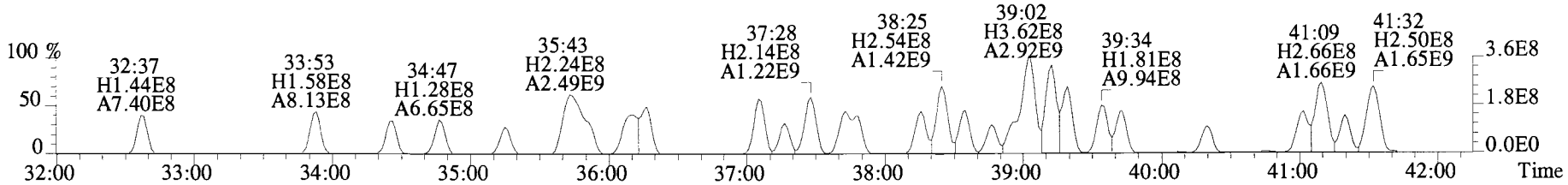
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,258380.0,0.00%,F,F)



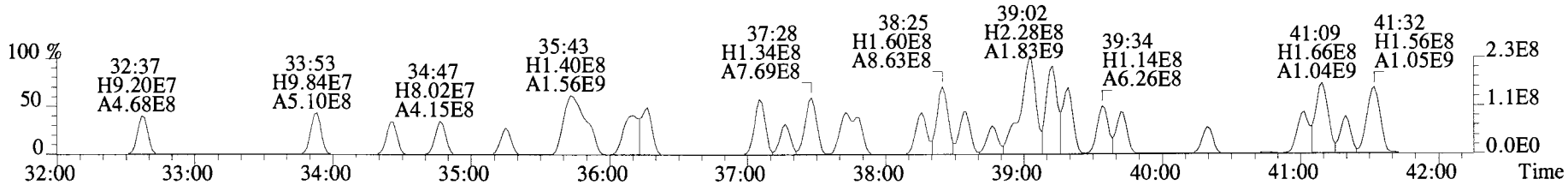
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,148624.0,0.00%,F,F)



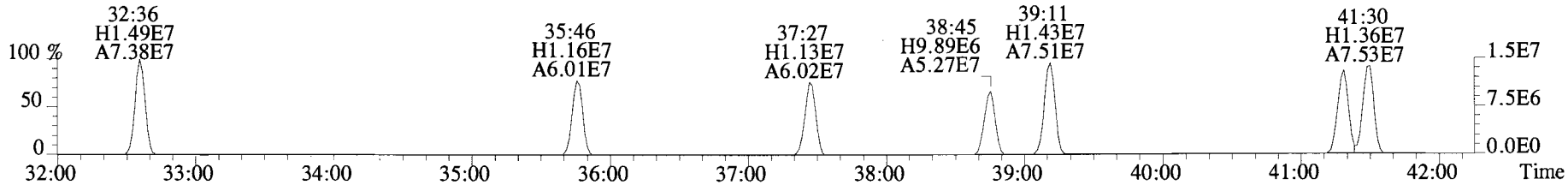
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12936.0,0.00%,F,F)



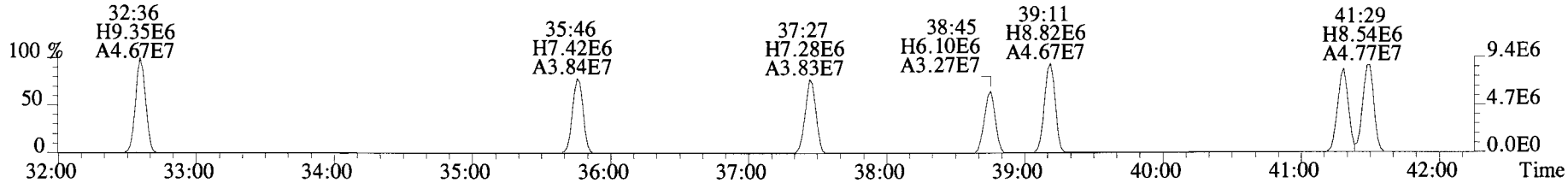
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6380.0,0.00%,F,F)



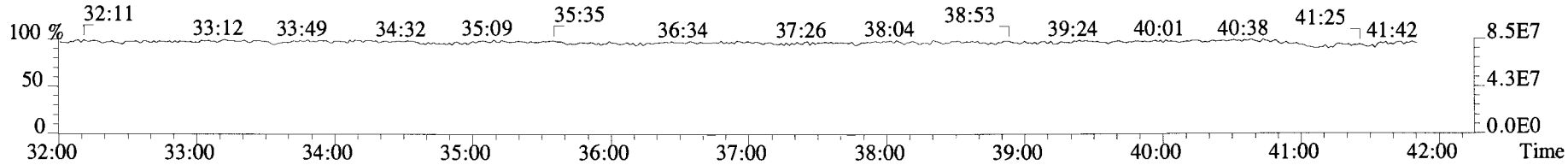
337.9207 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7344.0,0.00%,F,F)



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)

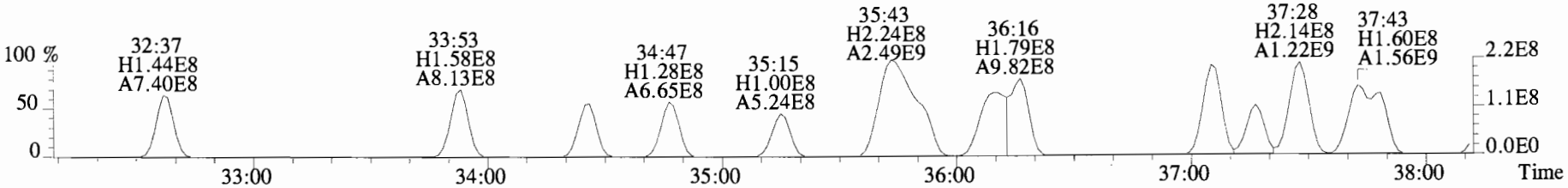


330.9792 S:6 F:3

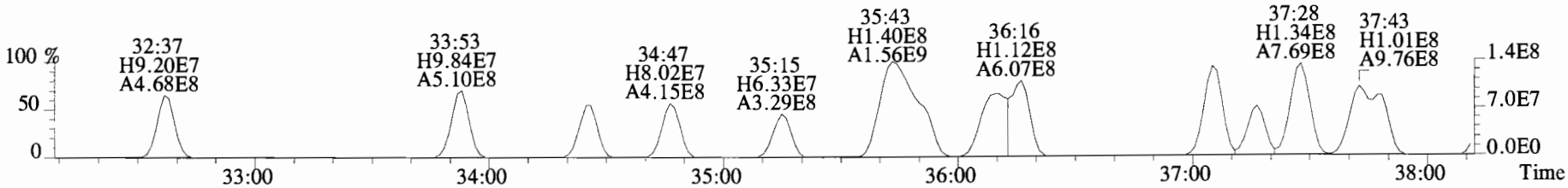


File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1

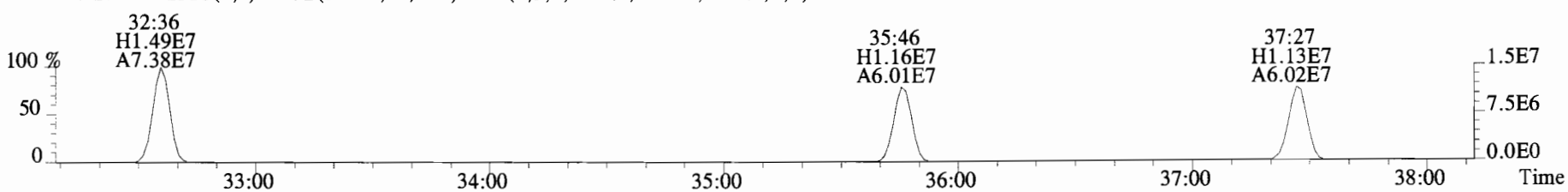
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12936.0,0.00%,F,F)



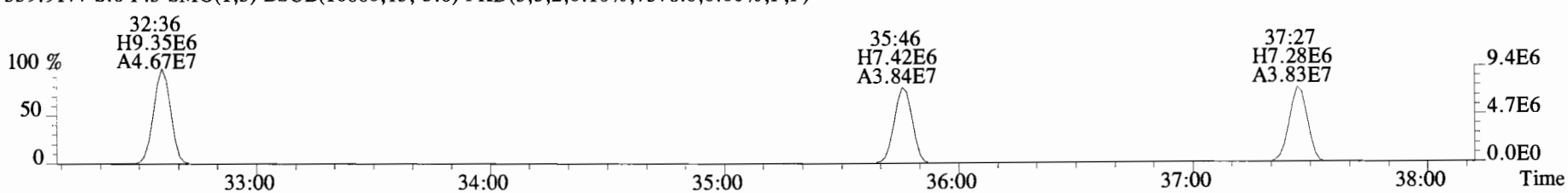
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6380.0,0.00%,F,F)



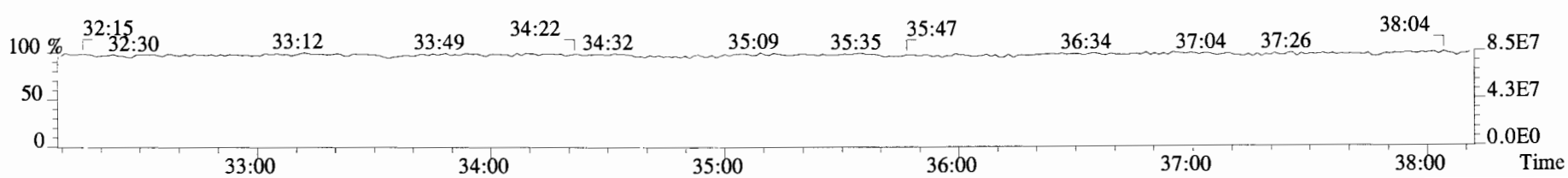
337.9207 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7344.0,0.00%,F,F)



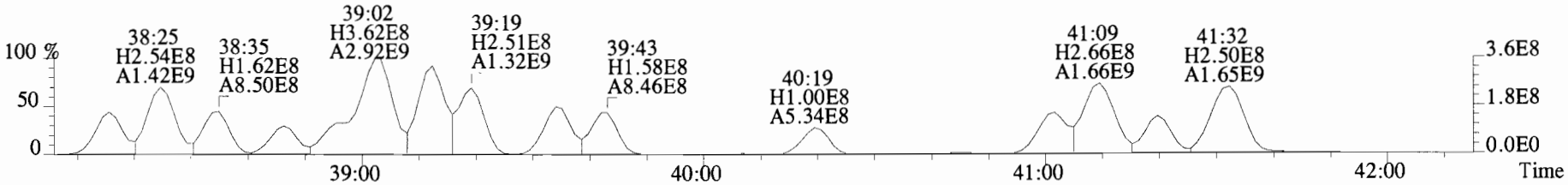
339.9177 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7576.0,0.00%,F,F)



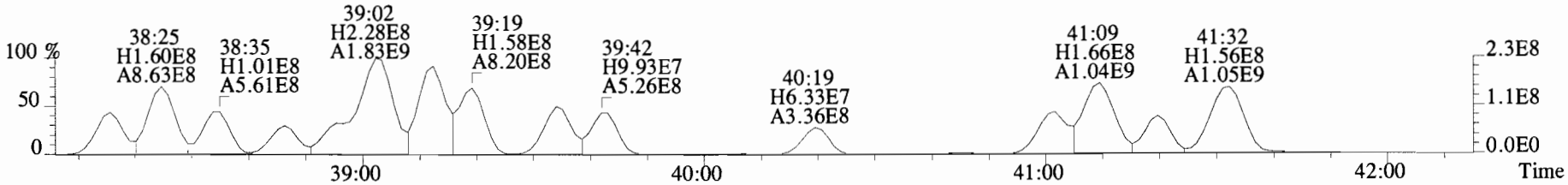
330.9792 S:6 F:3



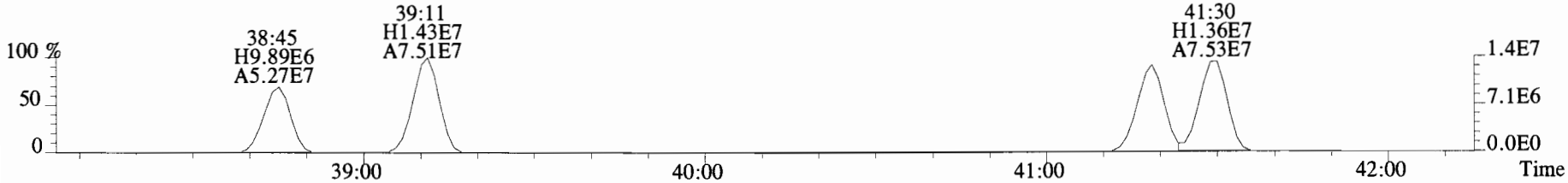
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12936.0,0.00%,F,F)



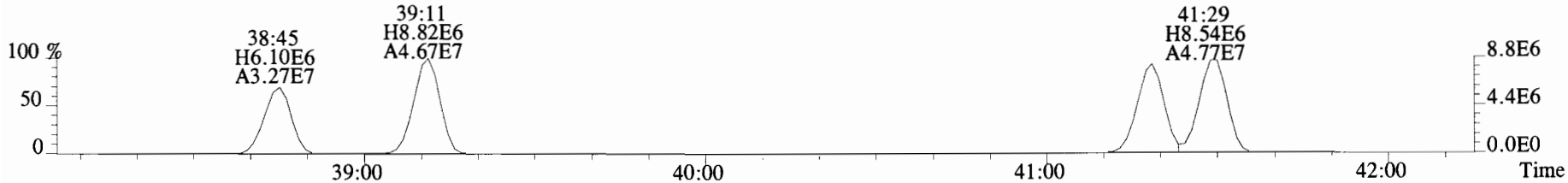
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6380.0,0.00%,F,F)



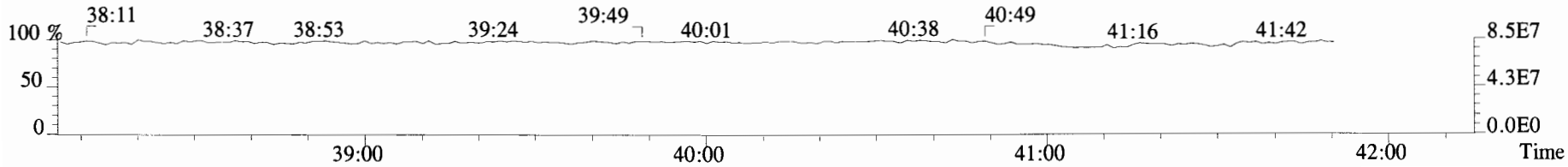
337.9207 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7344.0,0.00%,F,F)



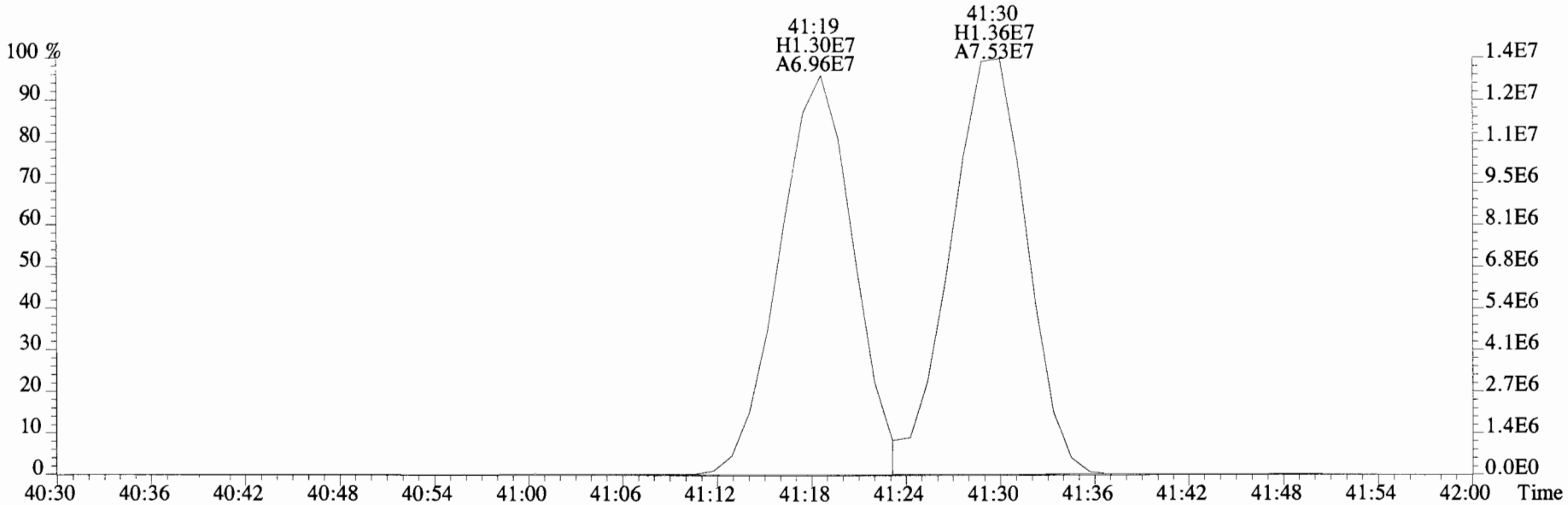
339.9177 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7576.0,0.00%,F,F)



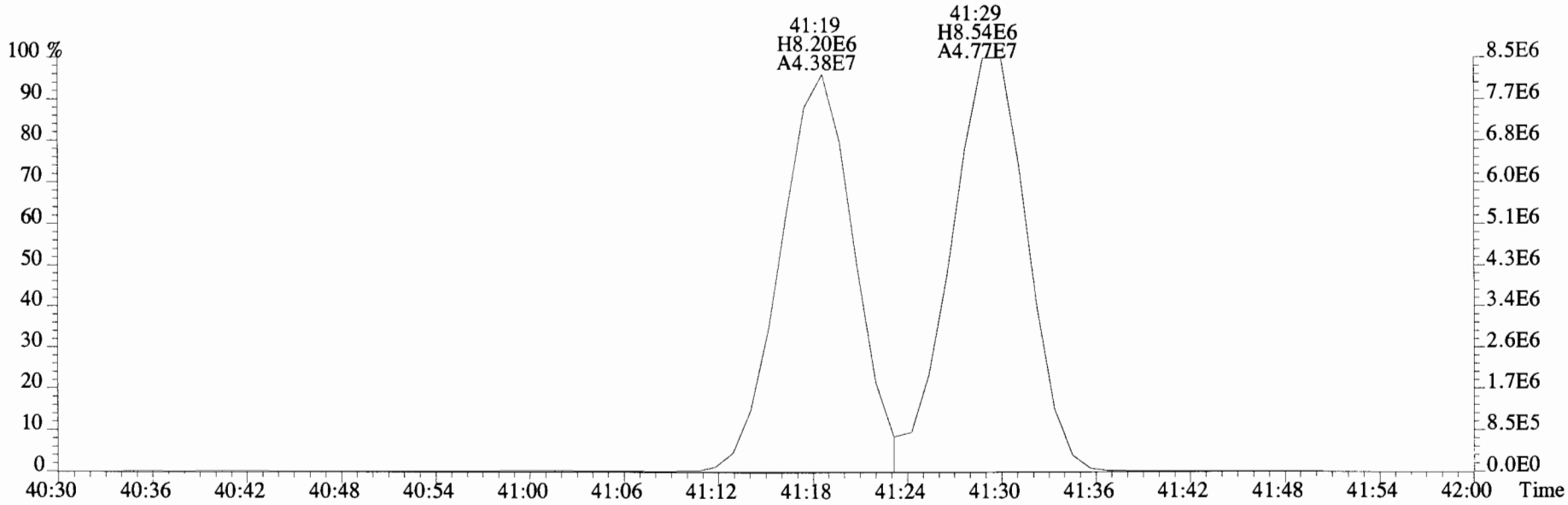
330.9792 S:6 F:3



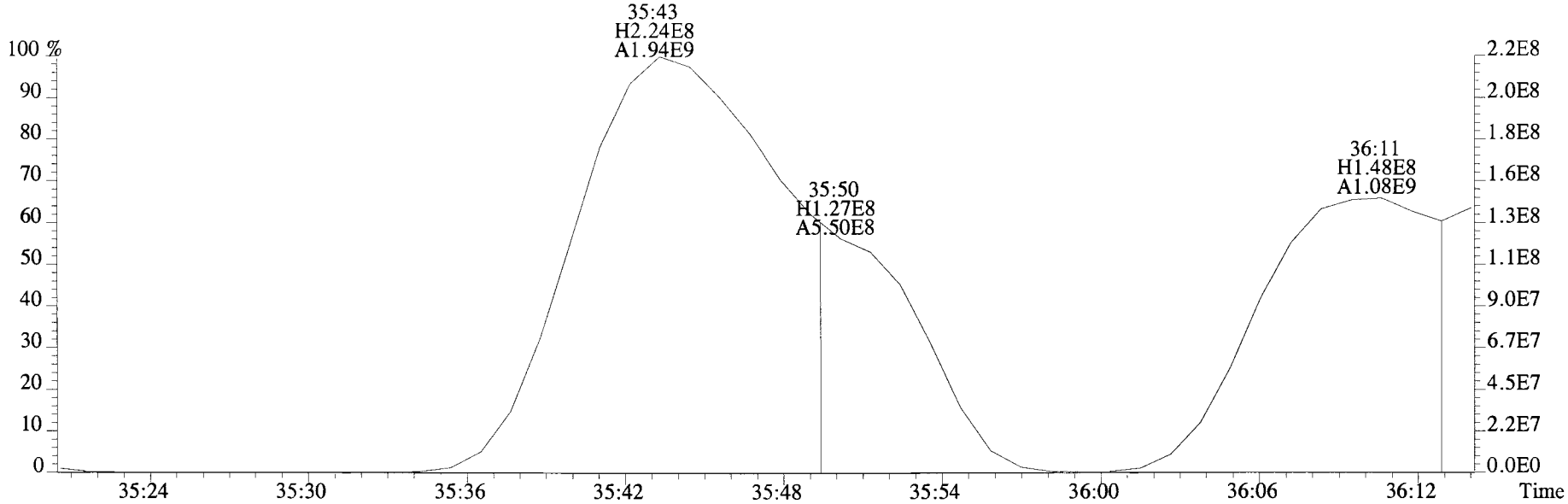
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
337.9207 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7344.0,0.00%,F,F)



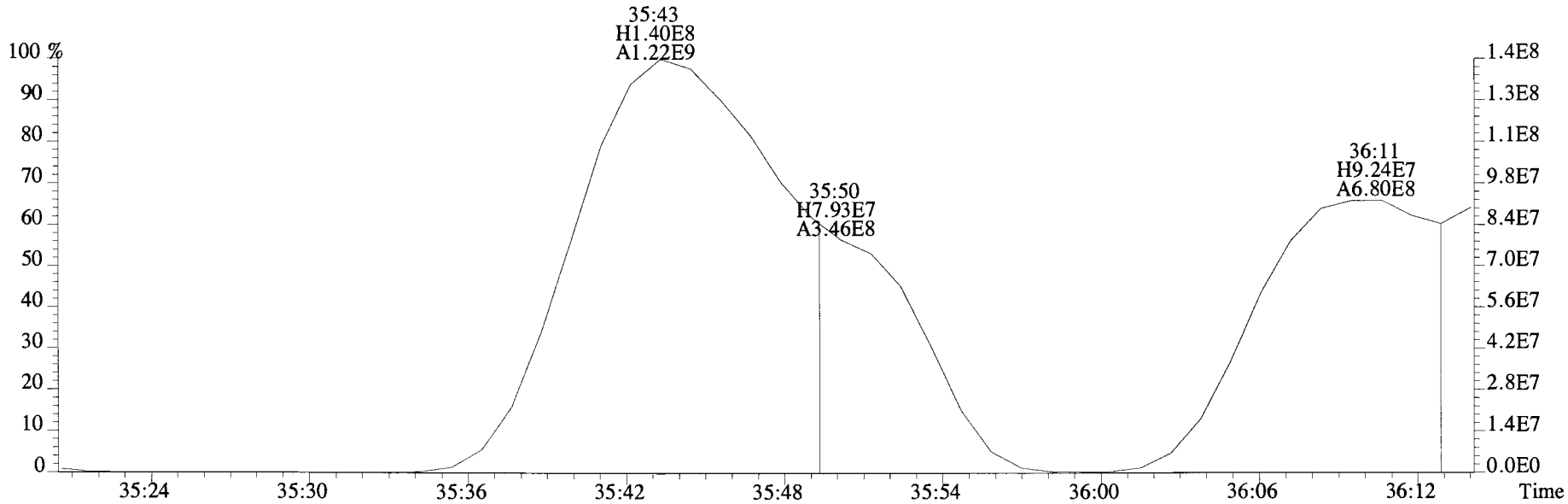
339.9177 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7576.0,0.00%,F,F)



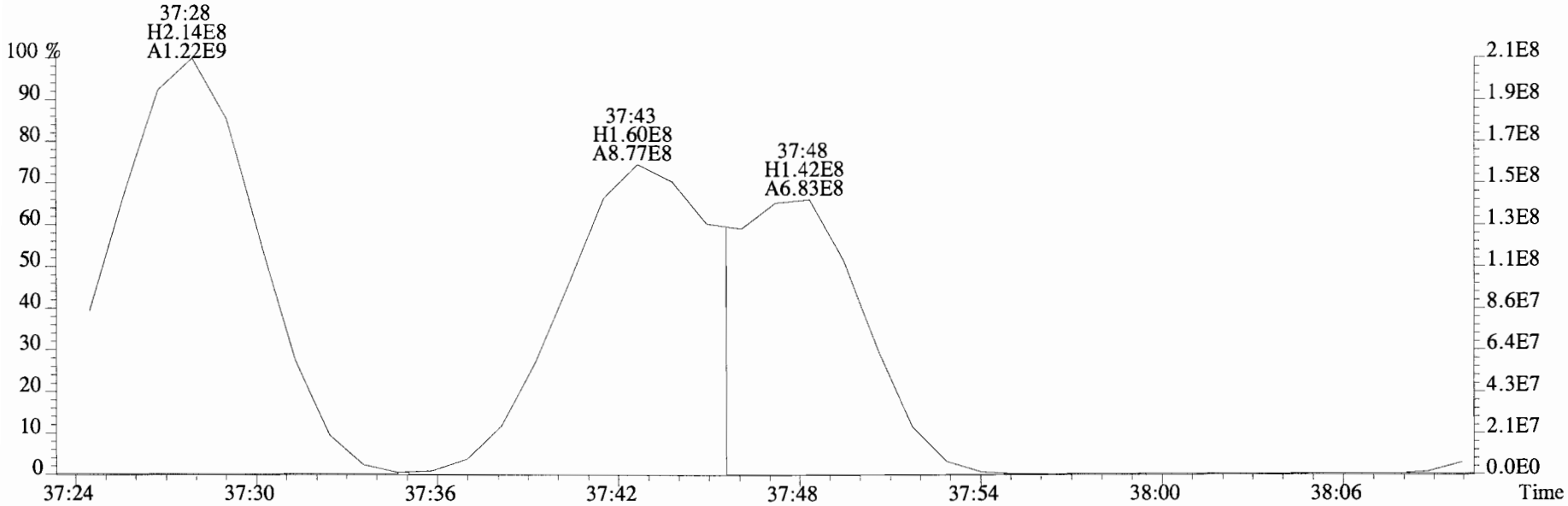
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12936.0,0.00%,F,F)



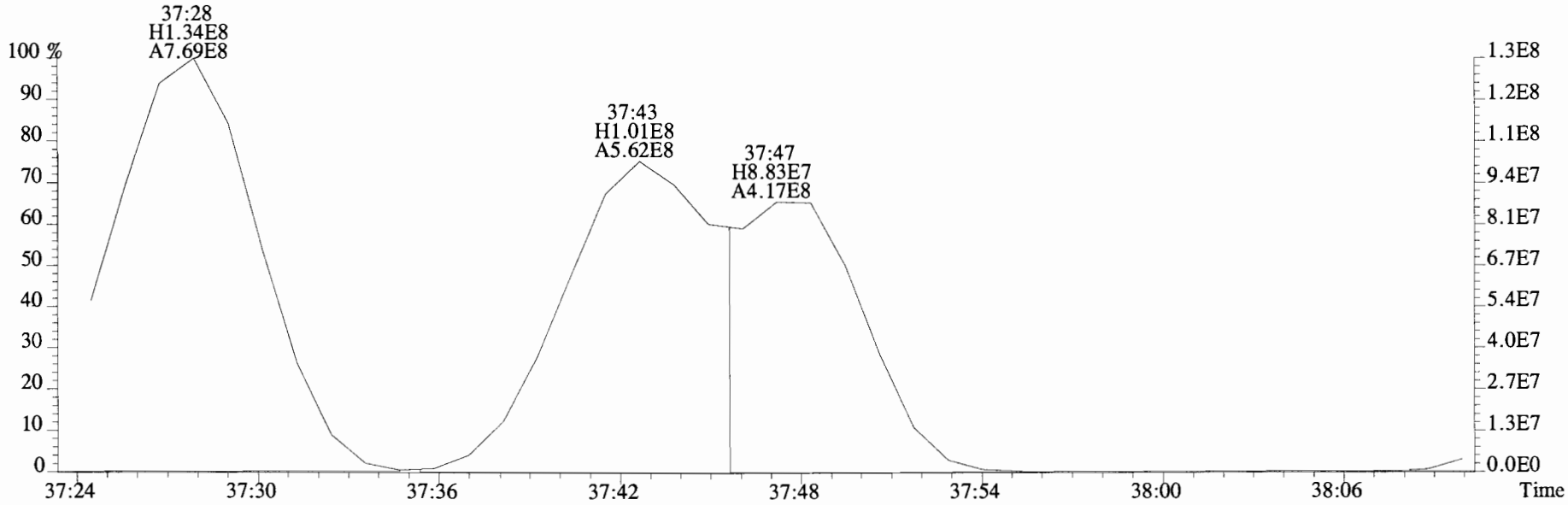
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6380.0,0.00%,F,F)



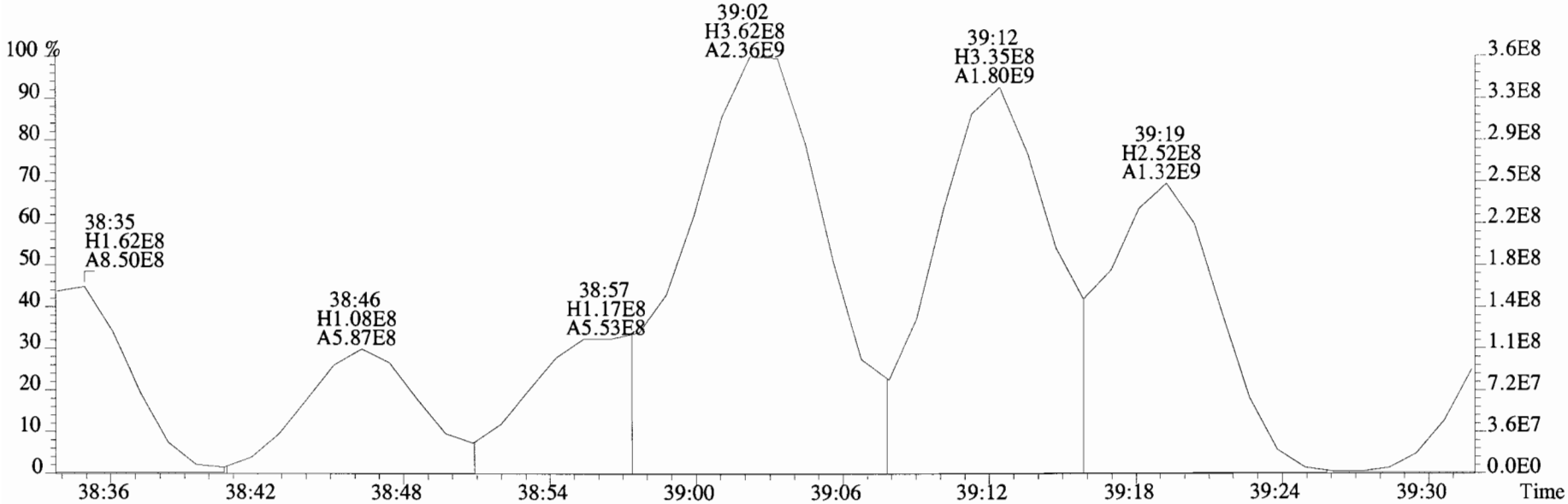
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12936.0,0.00%,F,F)



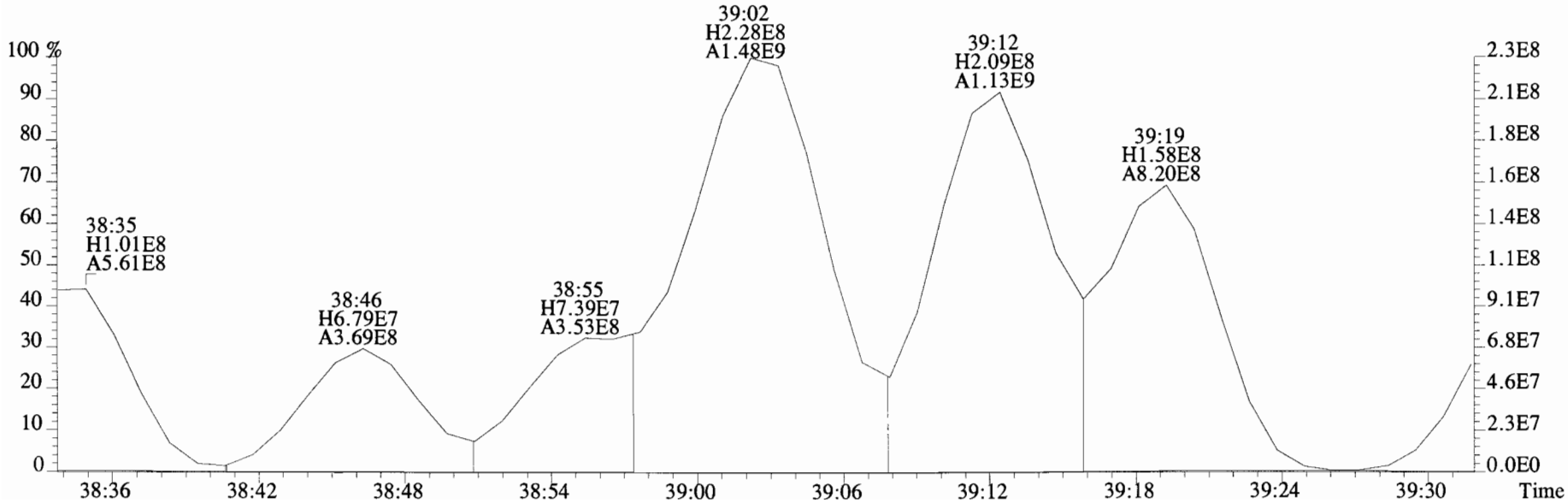
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6380.0,0.00%,F,F)



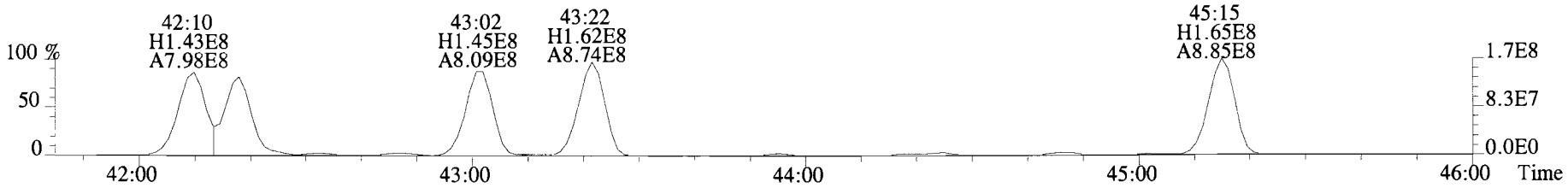
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12936.0,0.00%,F,F)



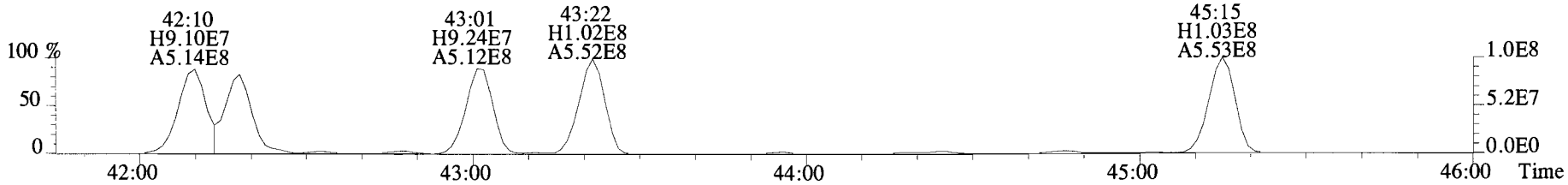
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6380.0,0.00%,F,F)



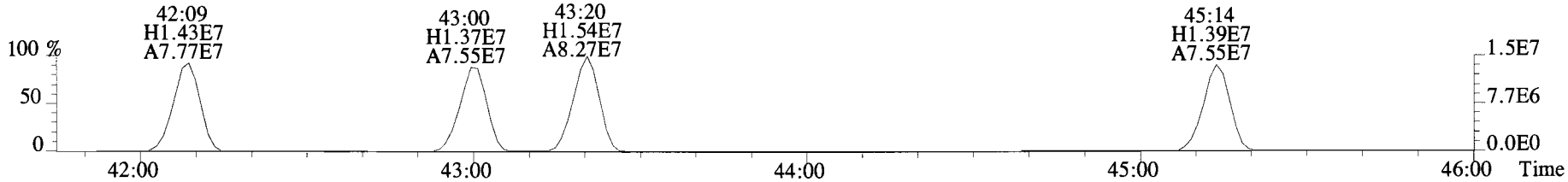
File:180208E1 #1-574 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
325.8804 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,146716.0,0.00%,F,F)



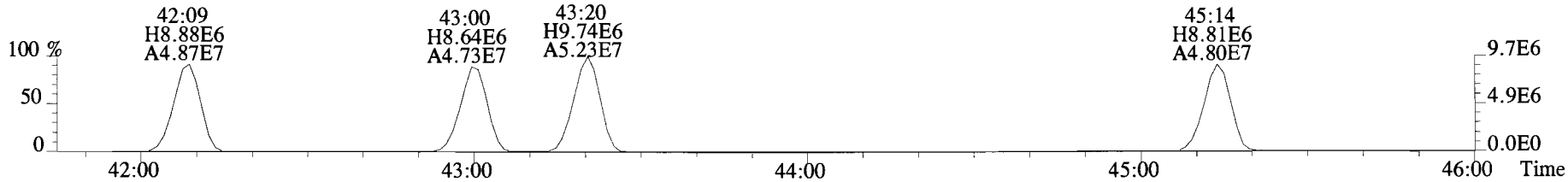
327.8775 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,99216.0,0.00%,F,F)



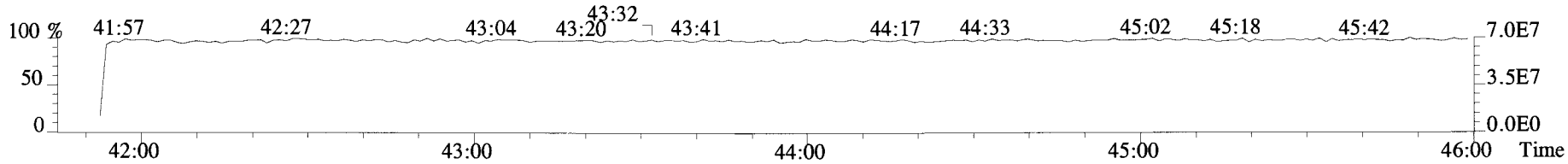
337.9207 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10968.0,0.00%,F,F)



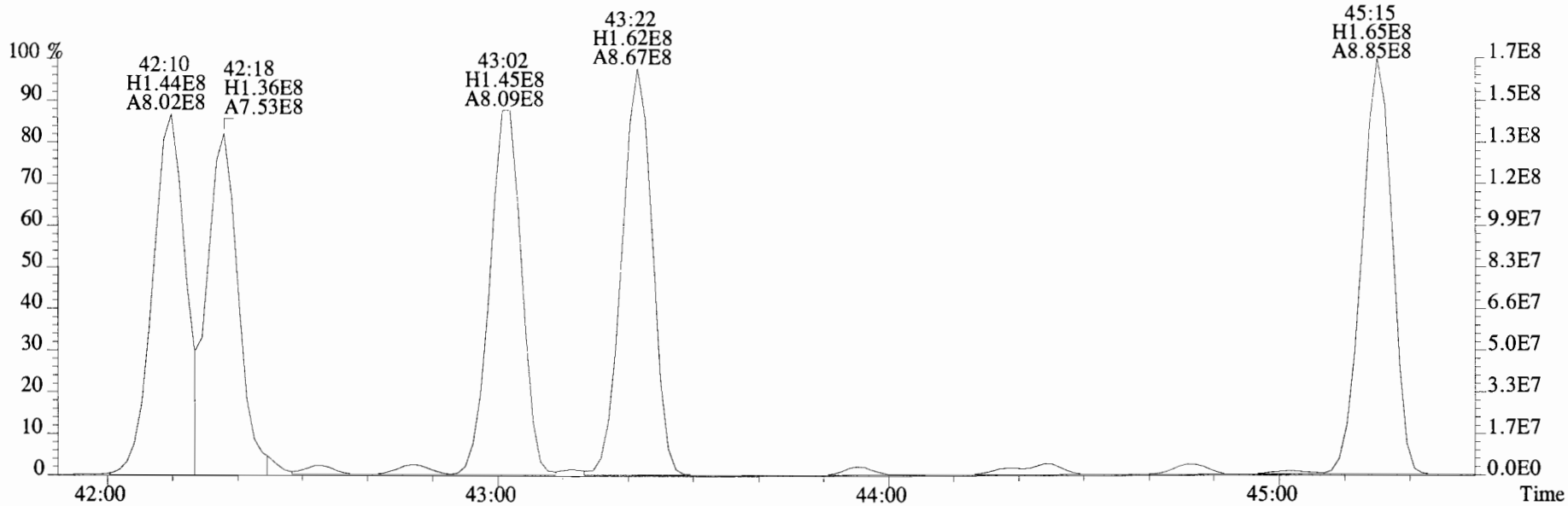
339.9177 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8764.0,0.00%,F,F)



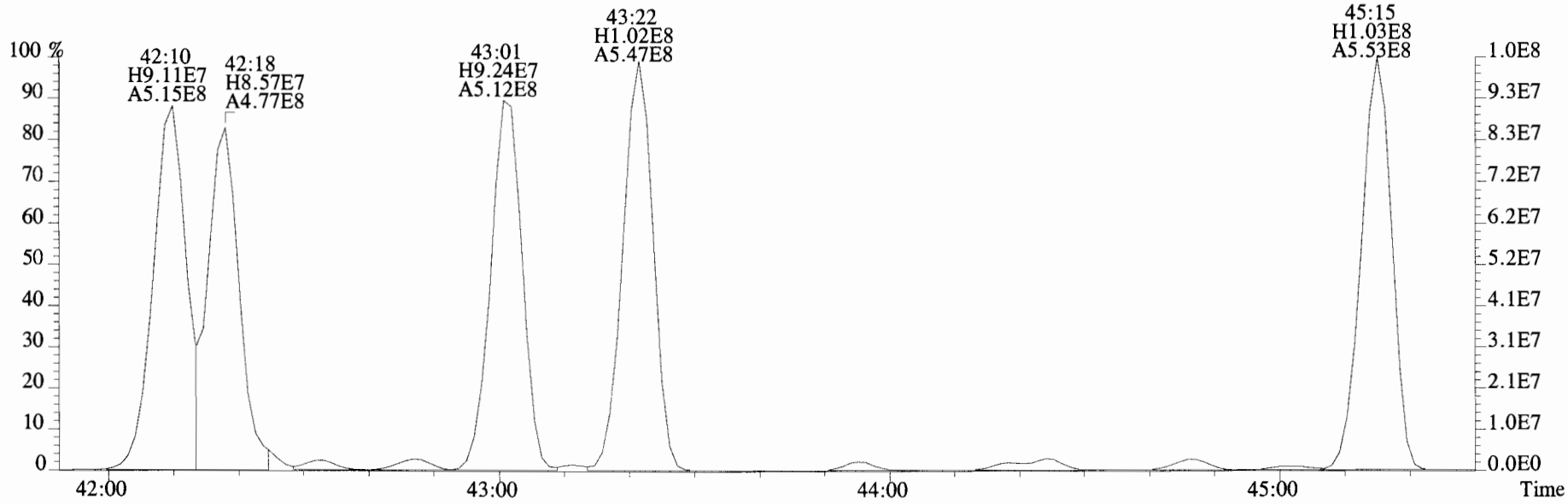
380.9760 S:6 F:4



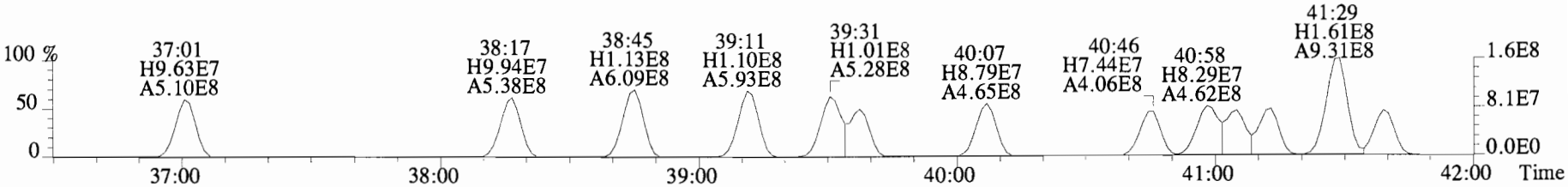
File:180208E1 #1-574 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
325.8804 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,146716.0,0.00%,F,F)



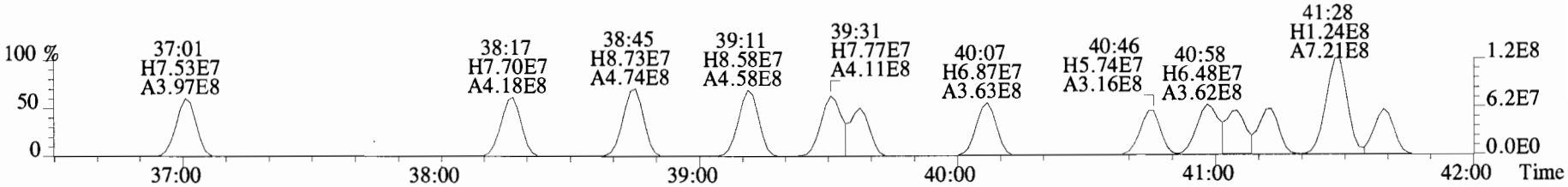
327.8775 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,99216.0,0.00%,F,F)



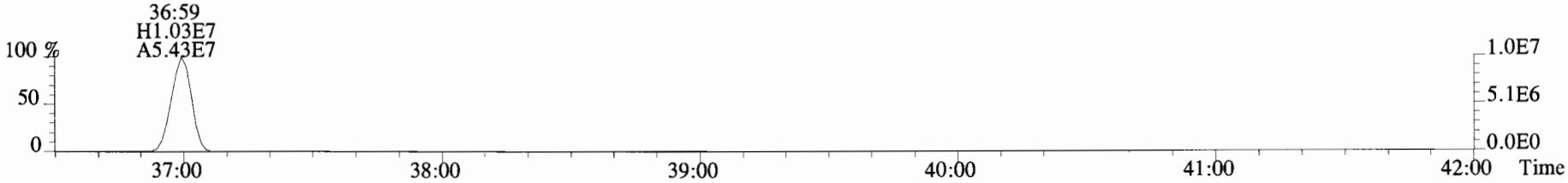
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
359.8415 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6276.0,0.00%,F,F)



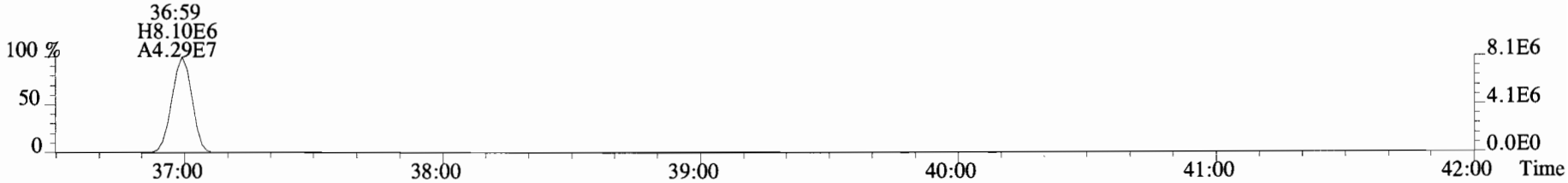
361.8385 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6140.0,0.00%,F,F)



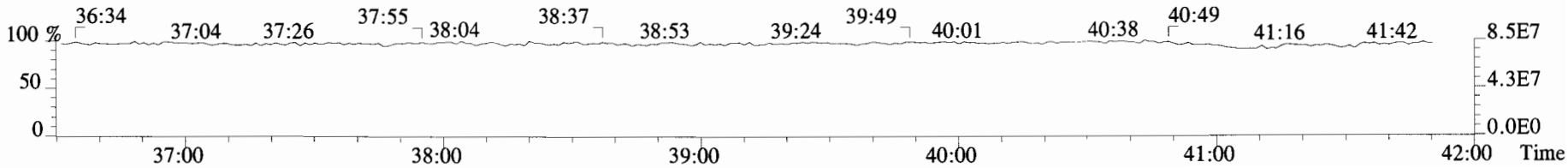
371.8817 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5844.0,0.00%,F,F)



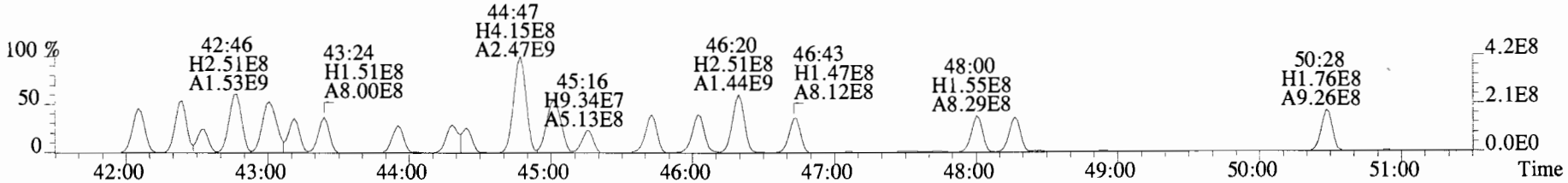
373.8788 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6888.0,0.00%,F,F)



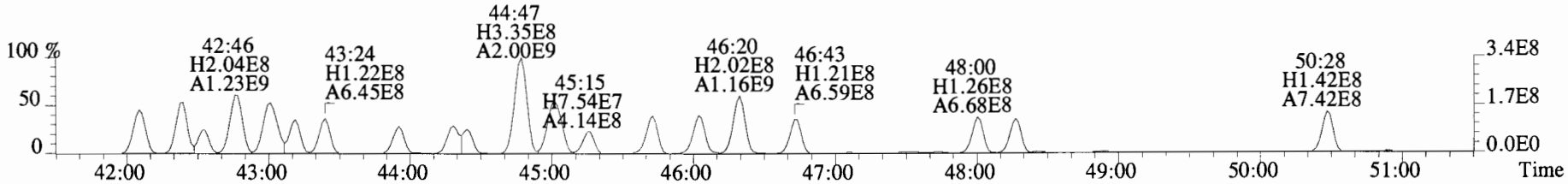
330.9792 S:6 F:3



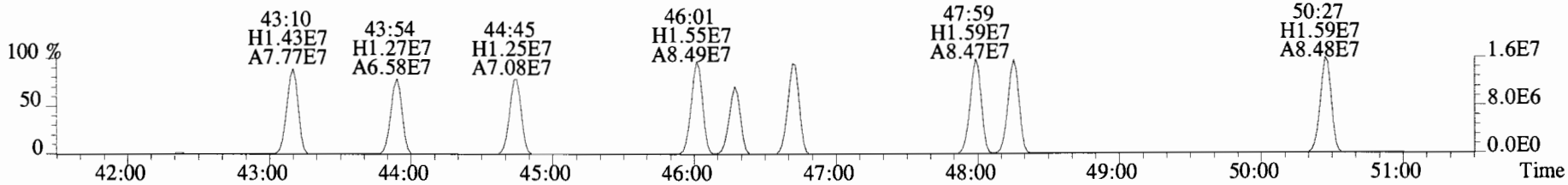
File:180208E1 #1-574 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
359.8415 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,916648.0,0.00%,F,F)



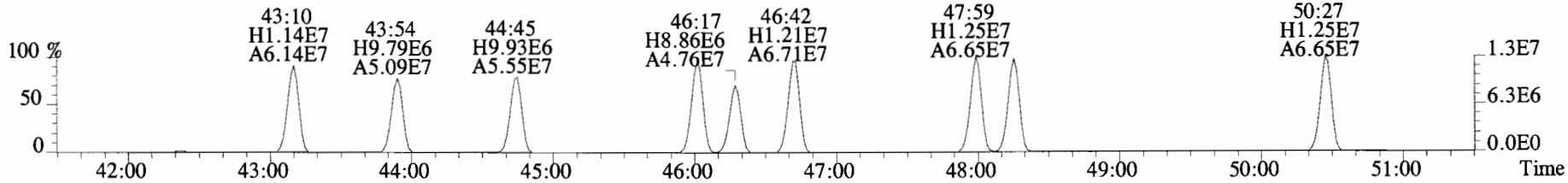
361.8385 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,734040.0,0.00%,F,F)



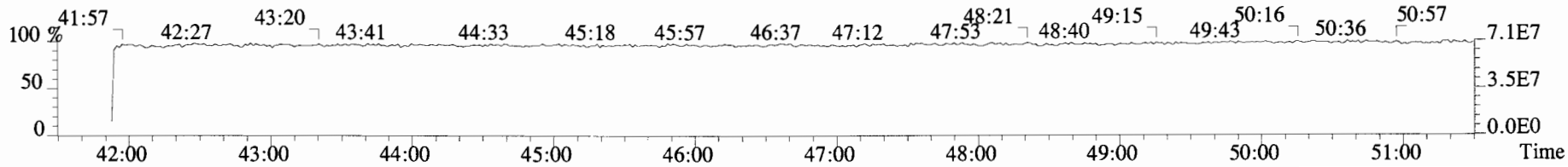
371.8817 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21288.0,0.00%,F,F)



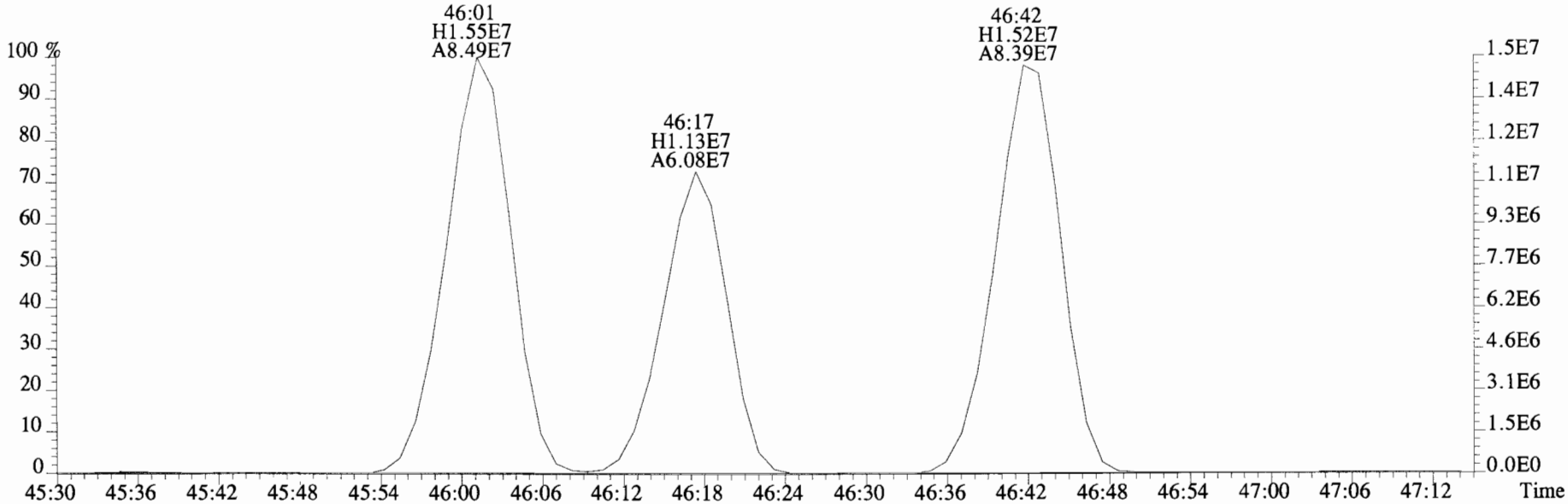
373.8788 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18380.0,0.00%,F,F)



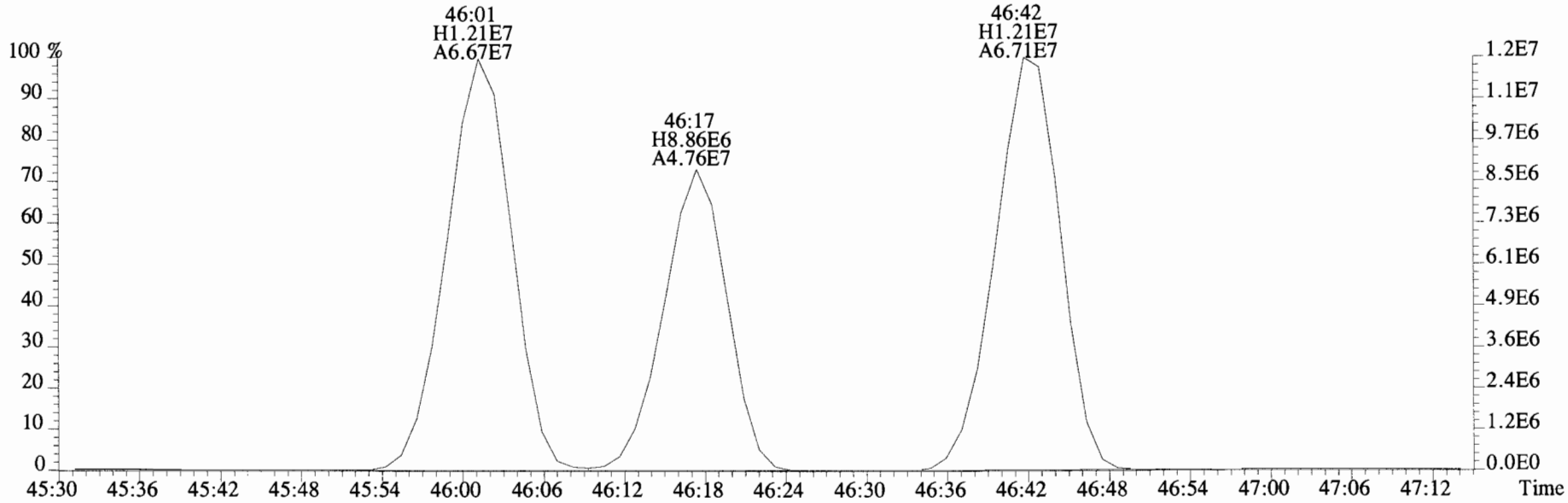
380.9760 S:6 F:4



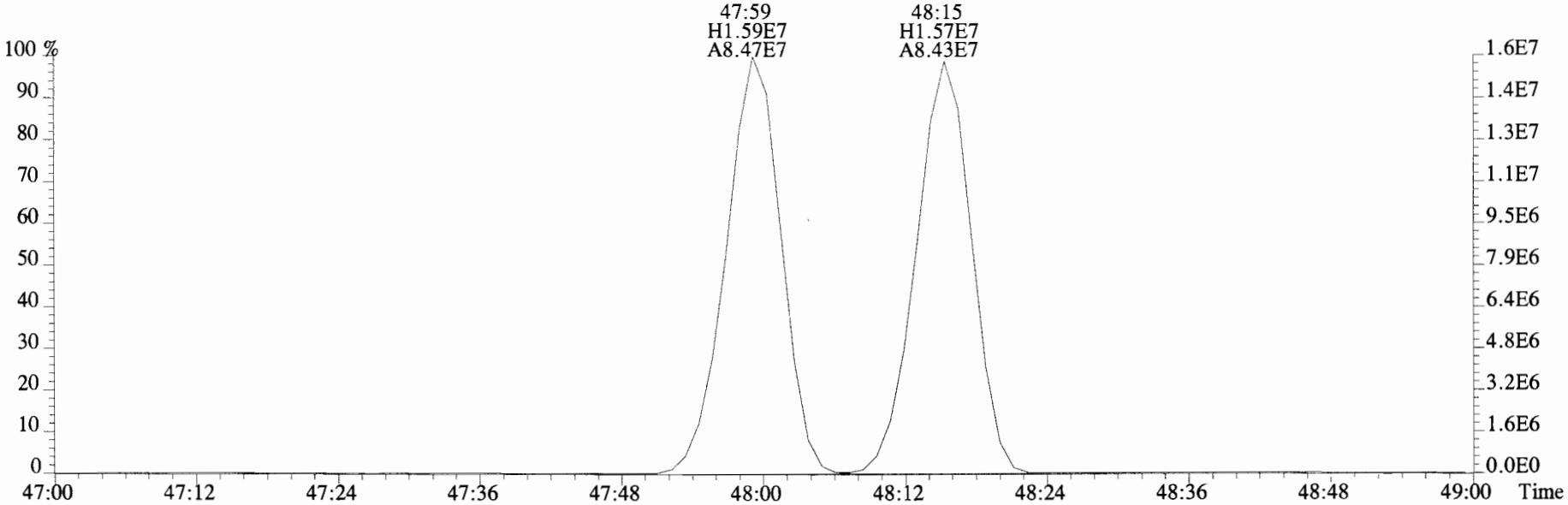
File:180208E1 #1-574 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
371.8817 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21288.0,0.00%,F,F)



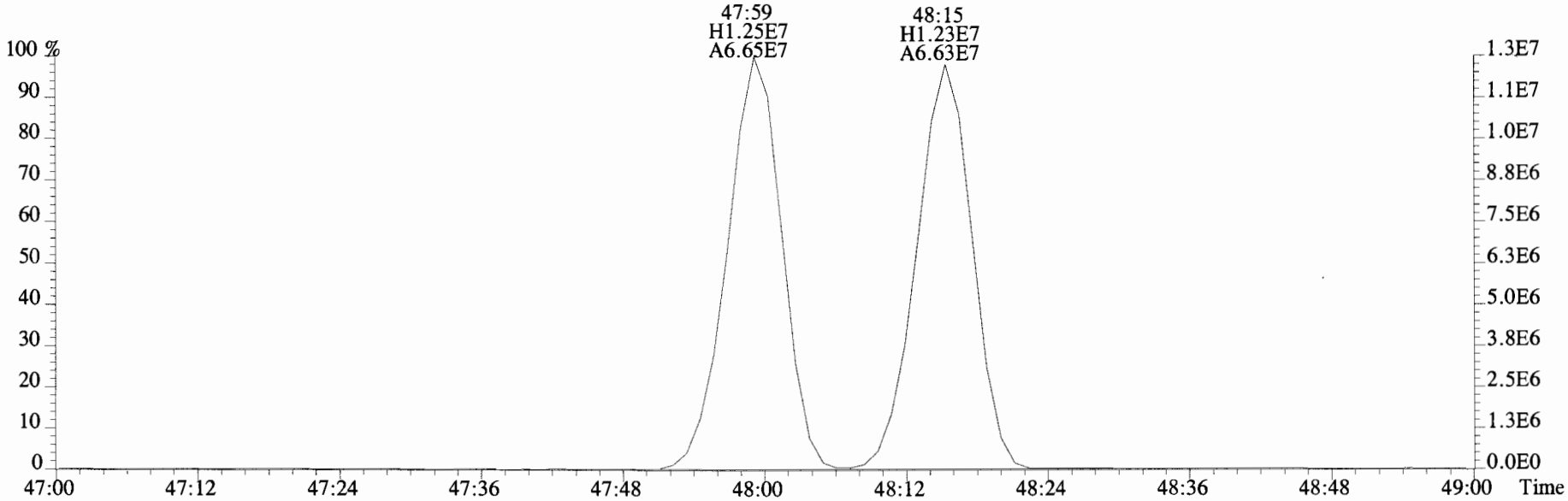
373.8788 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18380.0,0.00%,F,F)



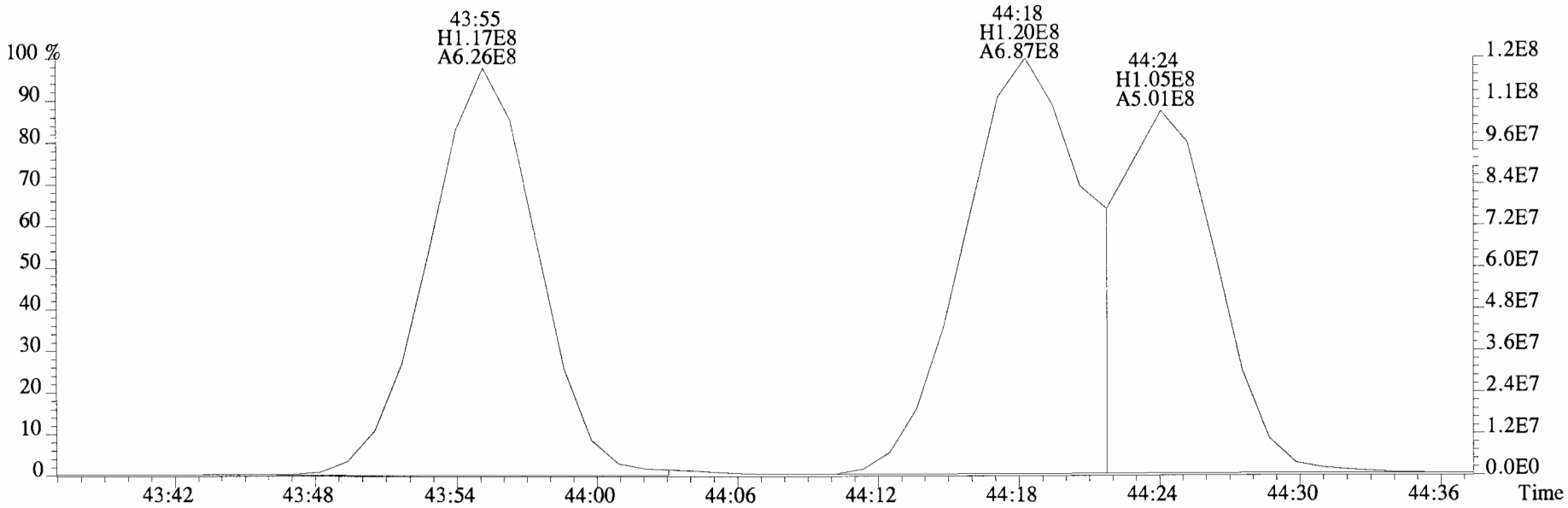
File:180208E1 #1-574 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
371.8817 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21288.0,0.00%,F,F)



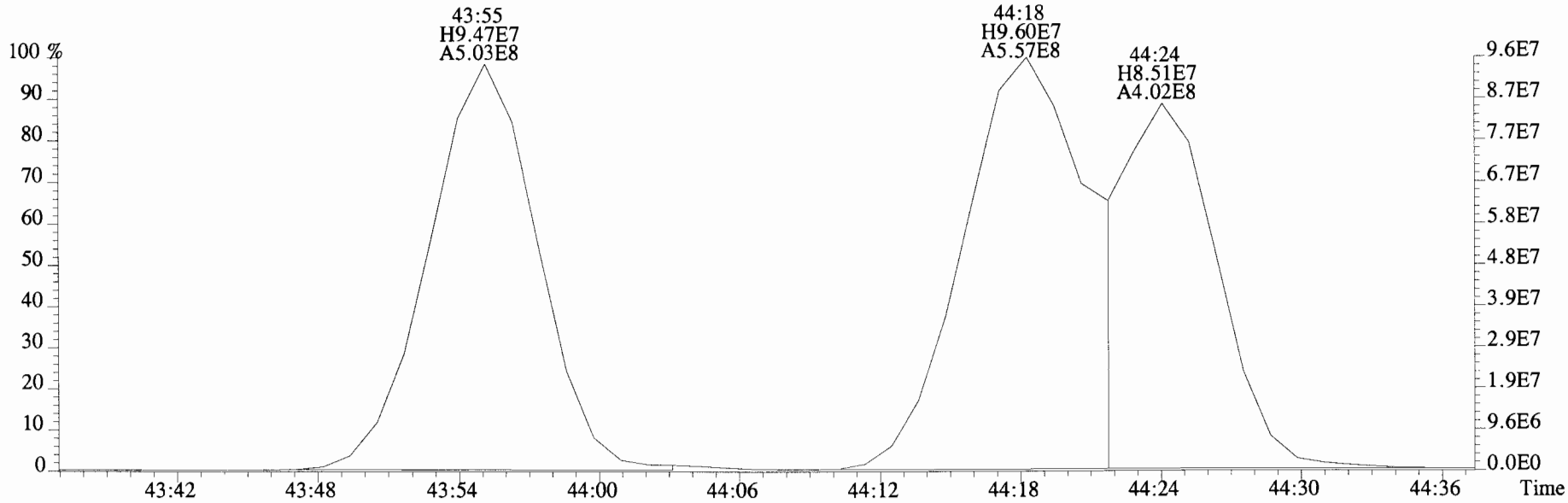
373.8788 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18380.0,0.00%,F,F)



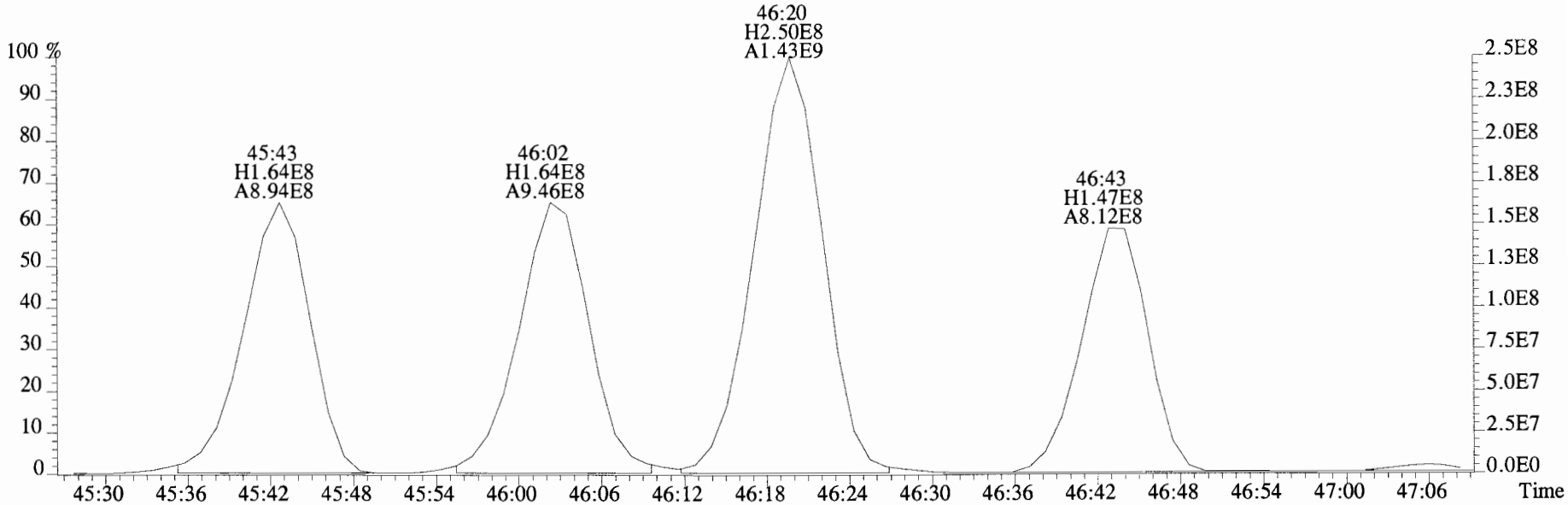
File:180208E1 #1-574 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
359.8415 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,916648.0,0.00%,F,F)



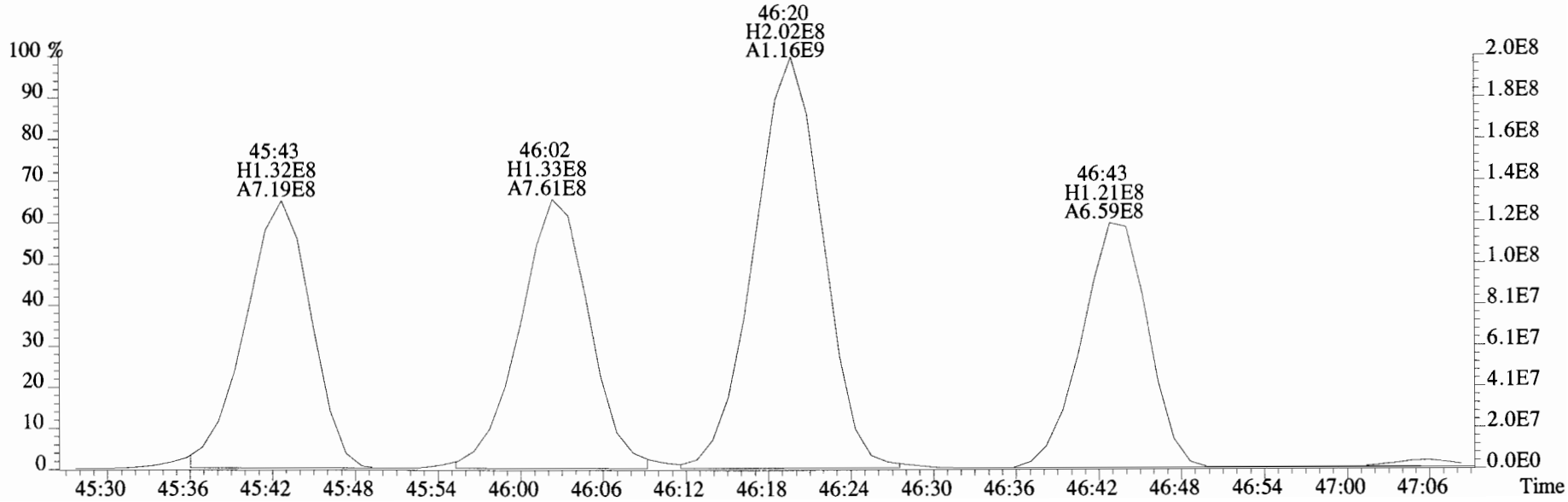
361.8385 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,734040.0,0.00%,F,F)



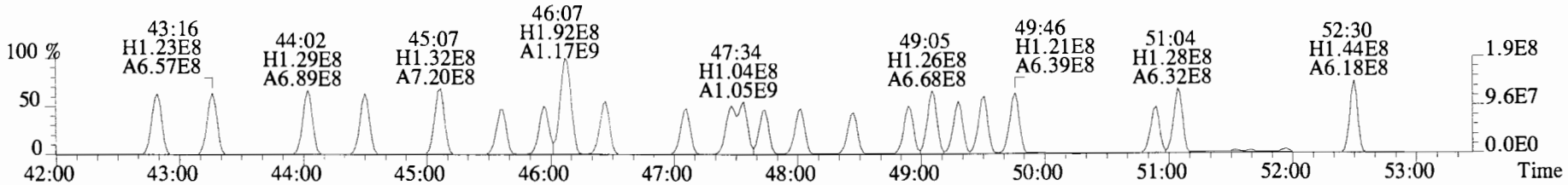
File:180208E1 #1-574 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
359.8415 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,916648.0,0.00%,F,F)



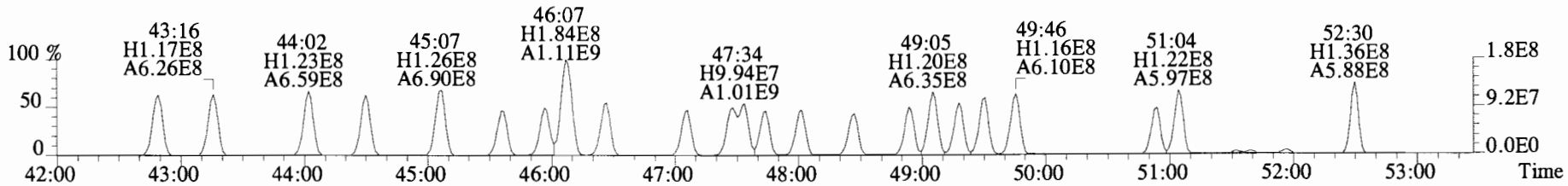
361.8385 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,734040.0,0.00%,F,F)



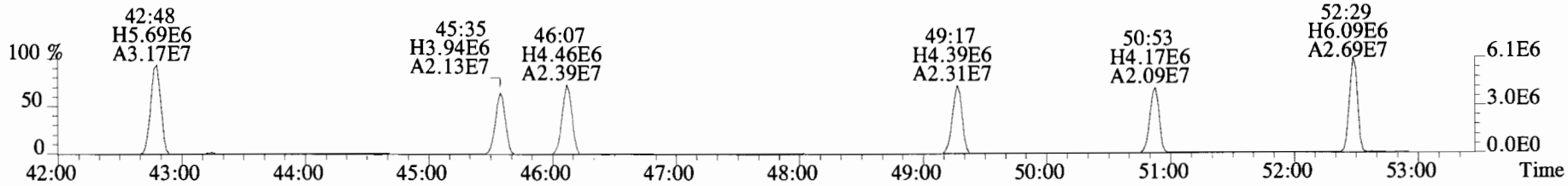
File:180208E1 #1-574 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
393.8025 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,611220.0,0.00%,F,F)



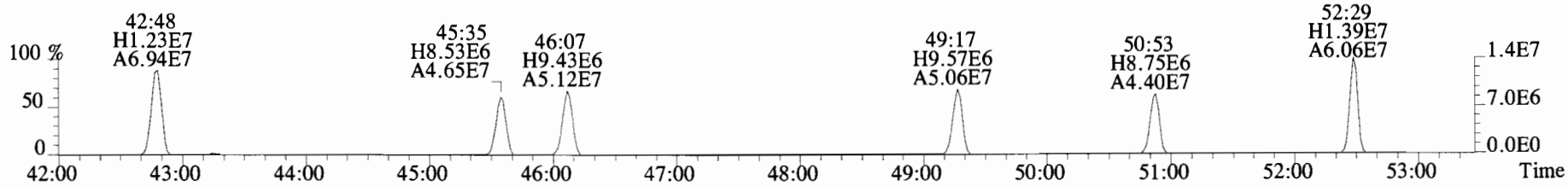
395.7995 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,556732.0,0.00%,F,F)



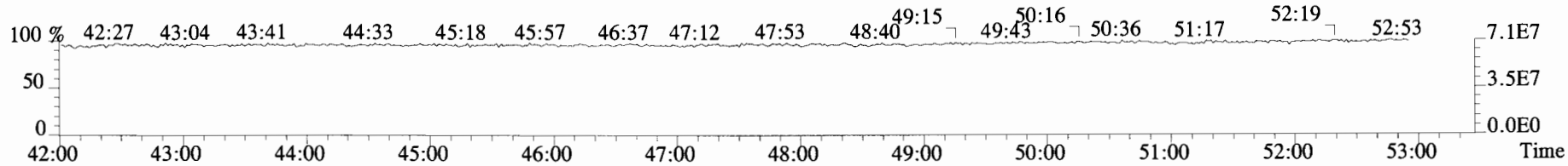
403.8457 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8436.0,0.00%,F,F)



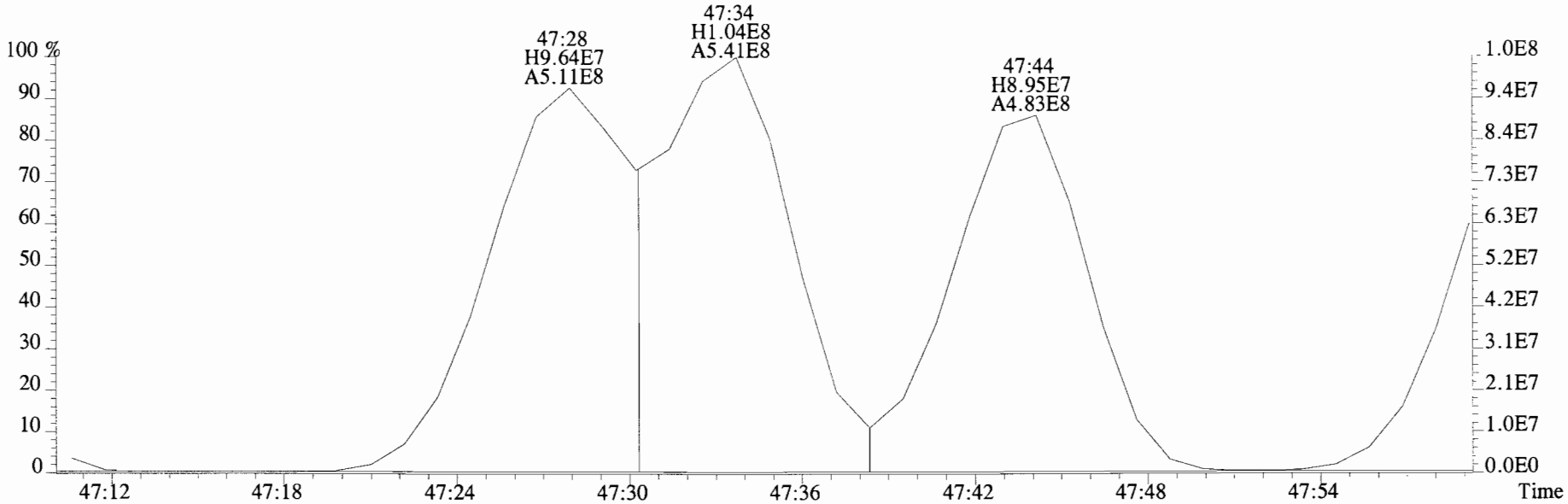
405.8428 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15240.0,0.00%,F,F)



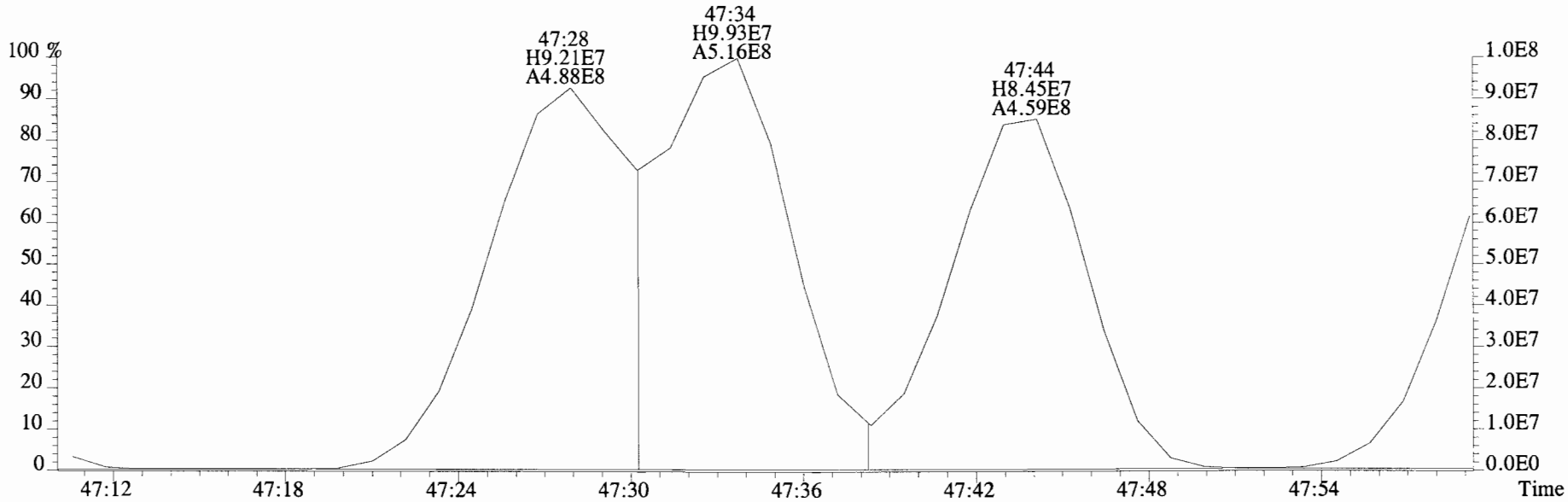
380.9760 S:6 F:4



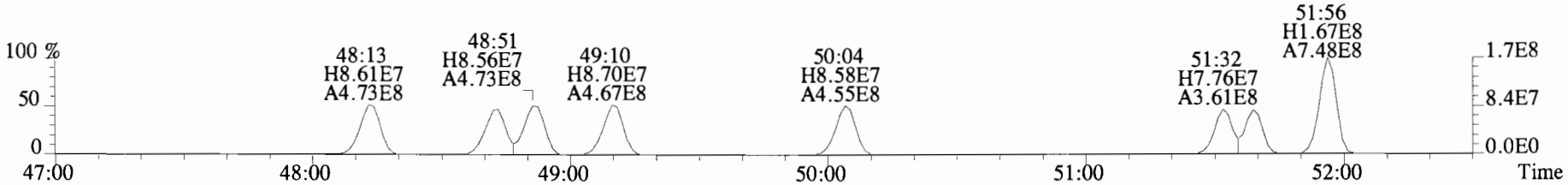
File:180208E1 #1-574 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
393.8025 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,611220.0,0.00%,F,F)



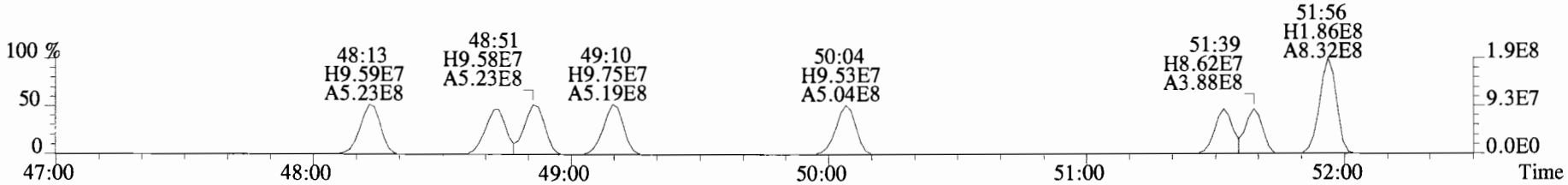
395.7995 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,556732.0,0.00%,F,F)



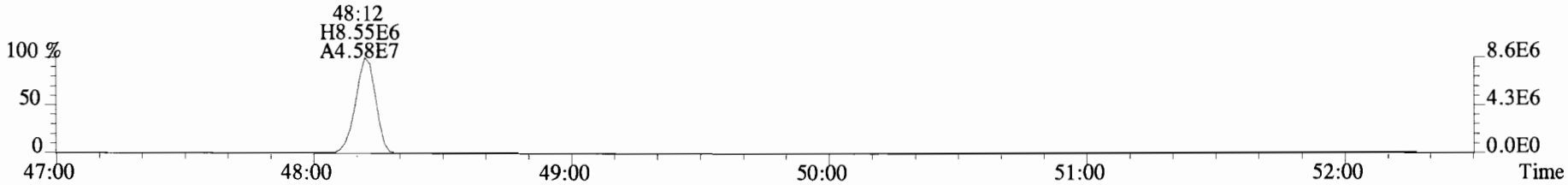
File:180208E1 #1-574 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
427.7635 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,93860.0,0.00%,F,F)



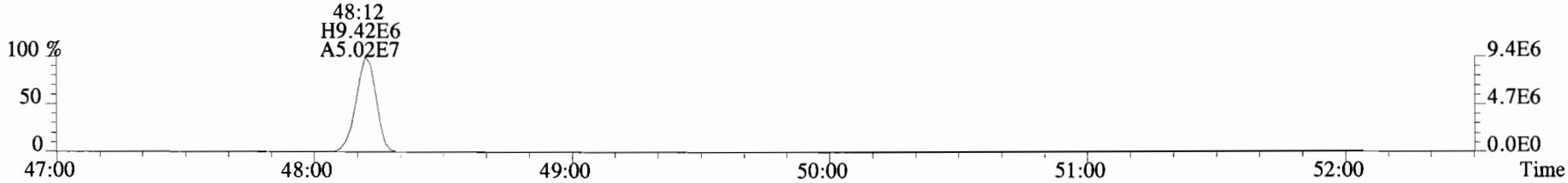
429.7606 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,105400.0,0.00%,F,F)



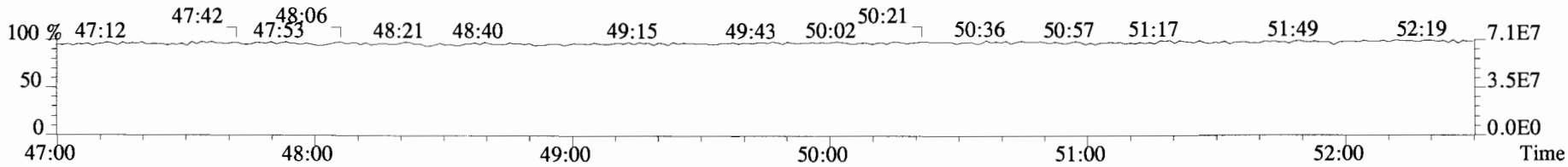
439.8038 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6432.0,0.00%,F,F)



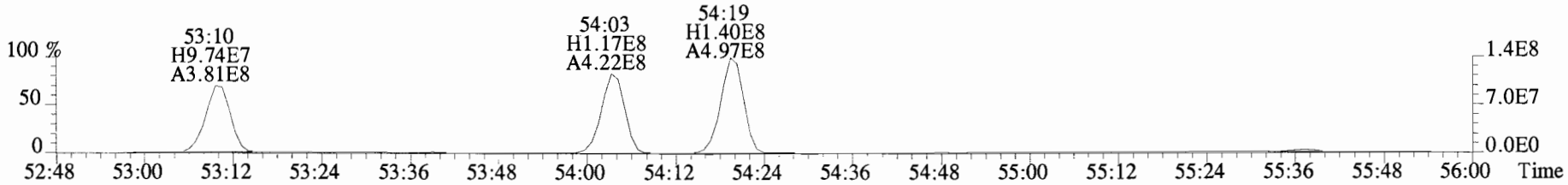
441.8008 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7424.0,0.00%,F,F)



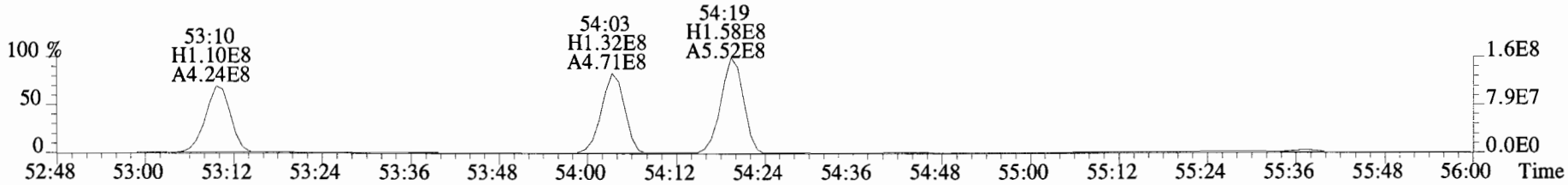
380.9760 S:6 F:4



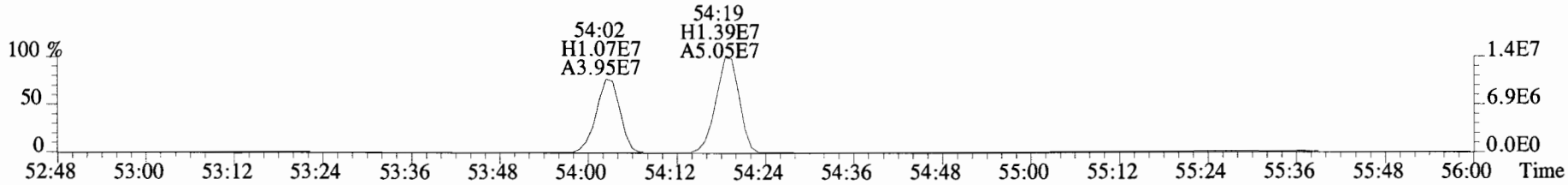
File:180208E1 #1-407 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
427.7635 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,461484.0,0.00%,F,F)



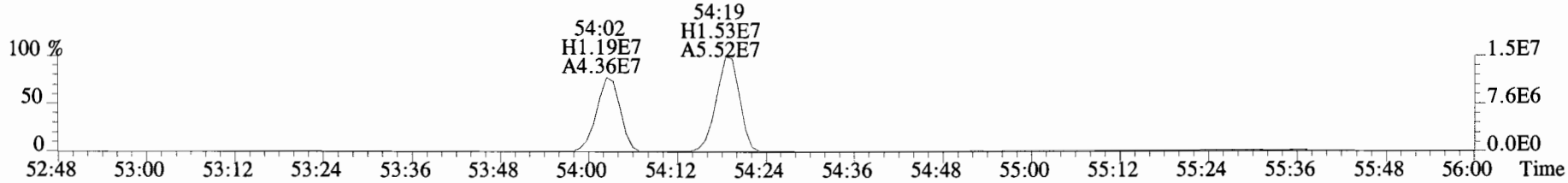
429.7606 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,681740.0,0.00%,F,F)



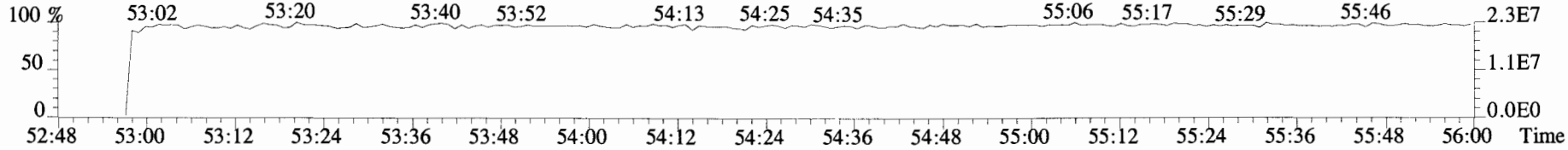
439.8038 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8628.0,0.00%,F,F)



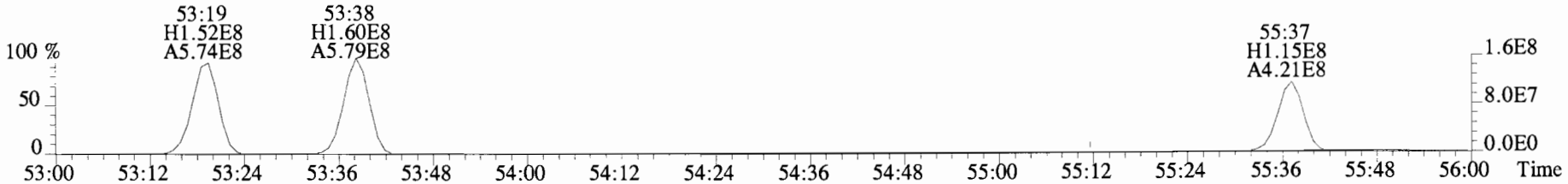
441.8008 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5572.0,0.00%,F,F)



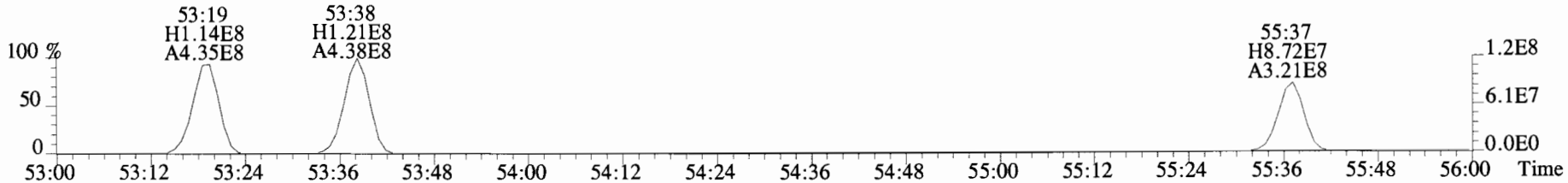
492.9697 S:6 F:5



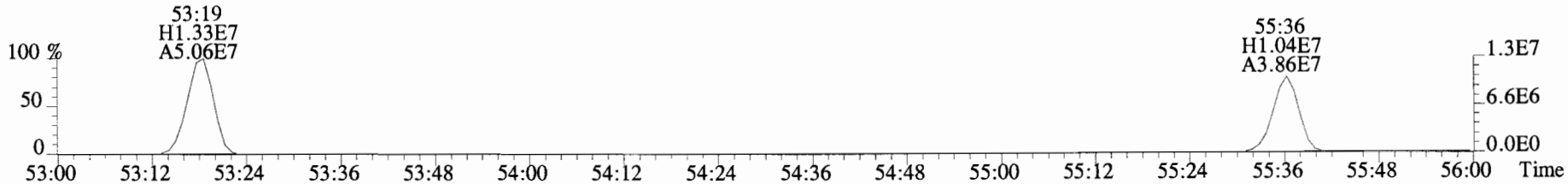
File:180208E1 #1-407 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
463.7216 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,416792.0,0.00%,F,F)



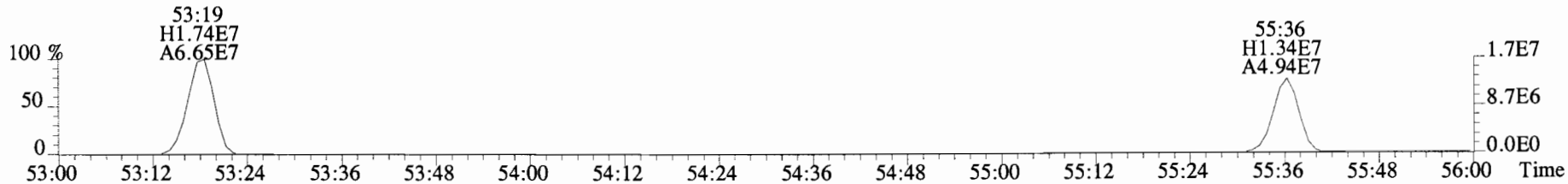
465.7186 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,312716.0,0.00%,F,F)



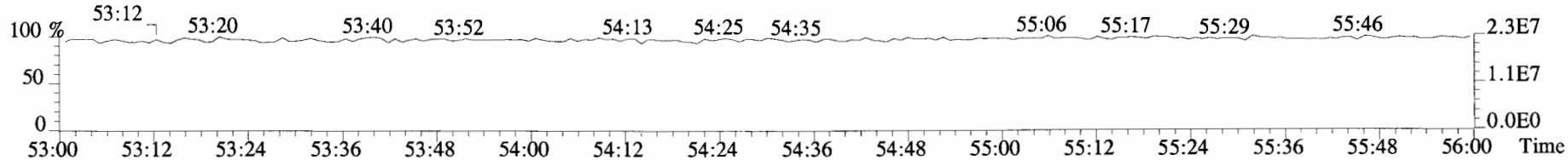
473.7648 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28316.0,0.00%,F,F)



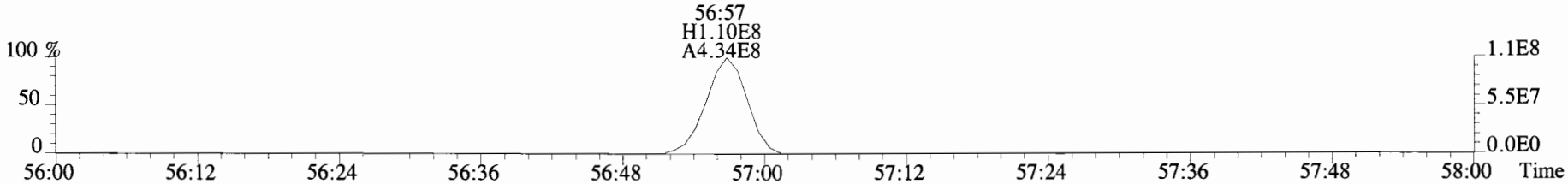
475.7619 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36800.0,0.00%,F,F)



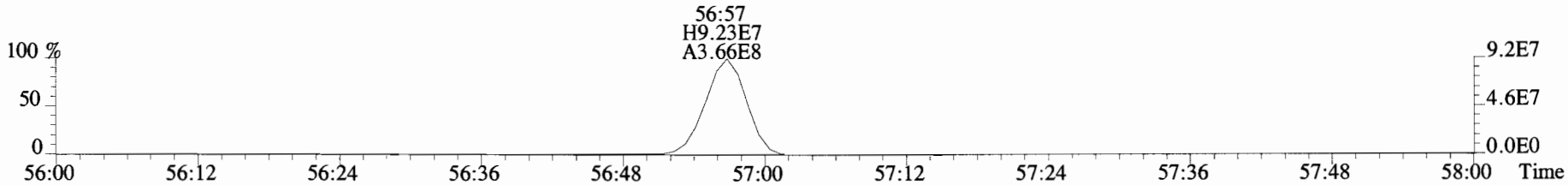
492.9697 S:6 F:5



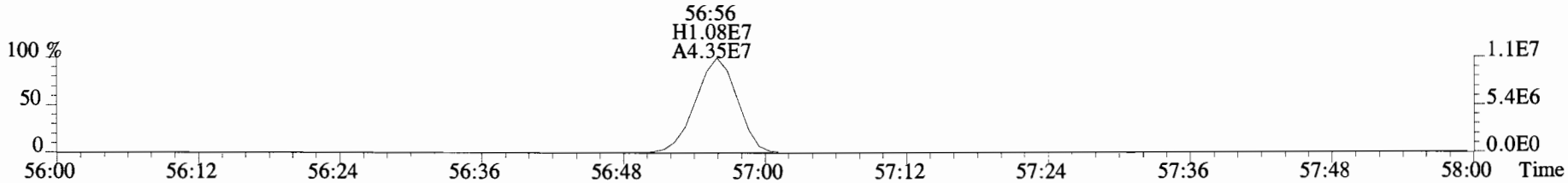
File:180208E1 #1-407 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
497.6826 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1780.0,0.00%,F,F)



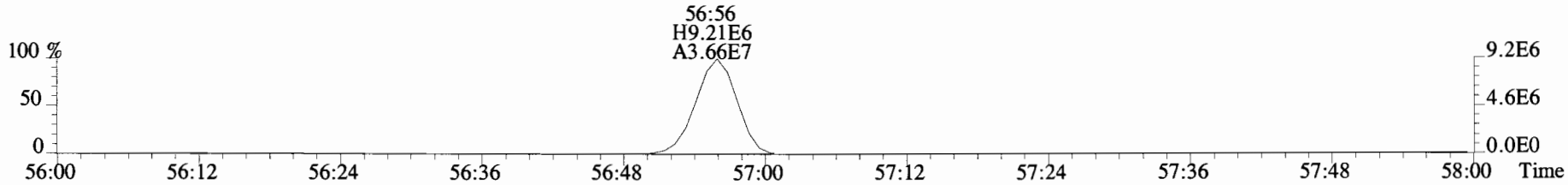
499.6797 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1904.0,0.00%,F,F)



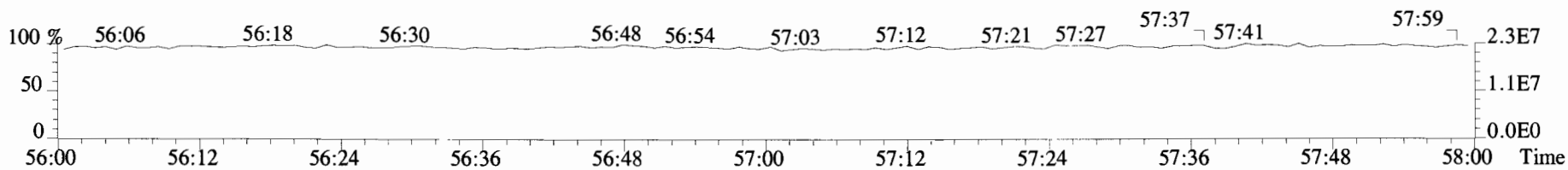
509.7229 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1800.0,0.00%,F,F)



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)

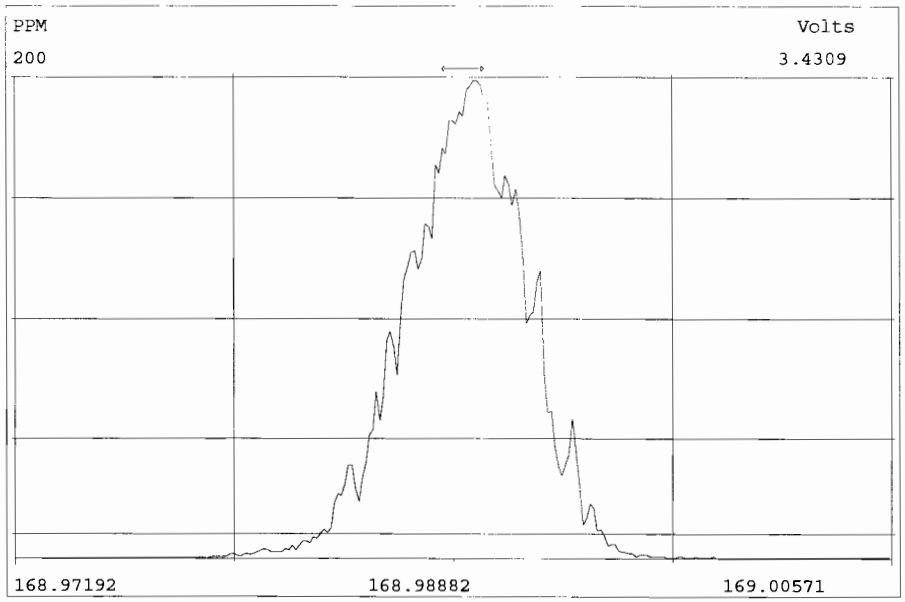


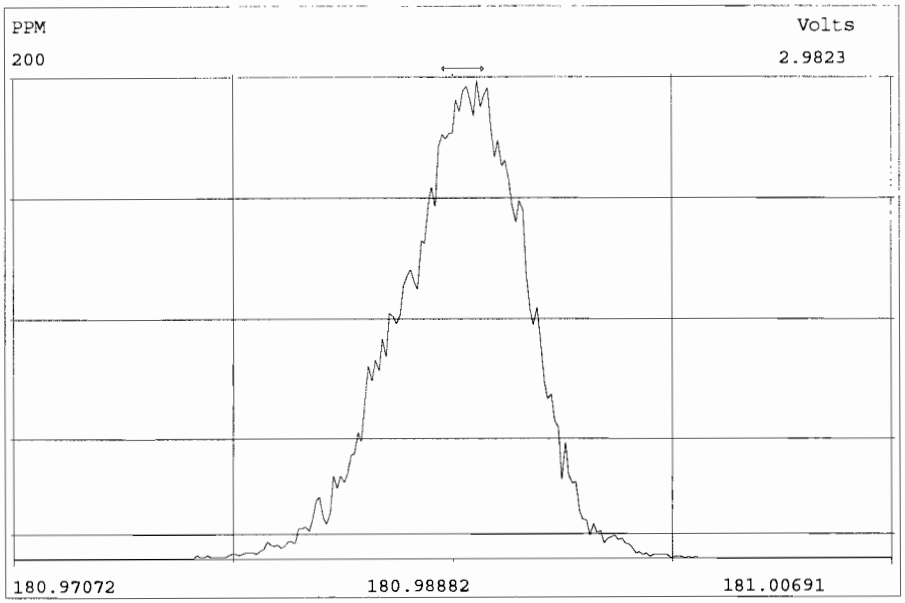
492.9697 S:6 F:5

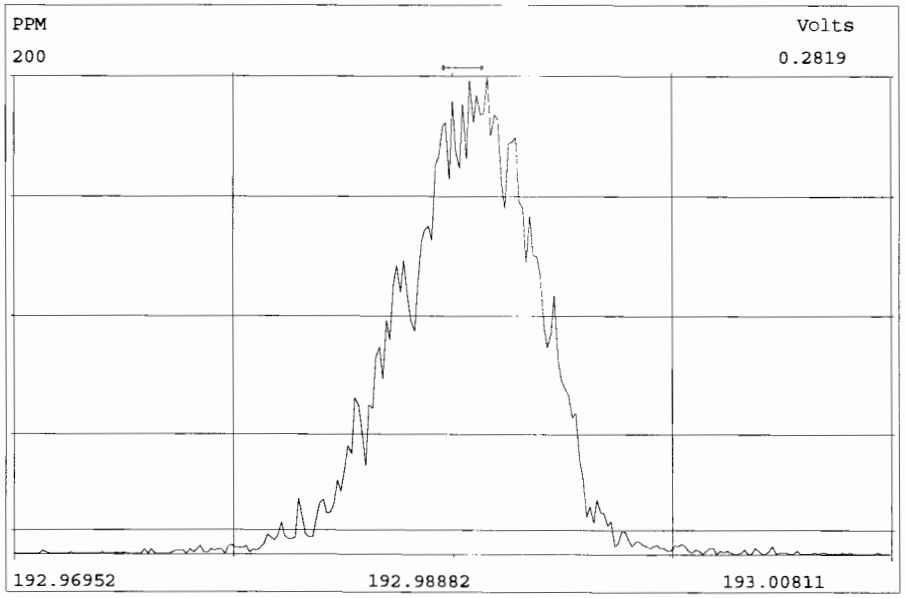


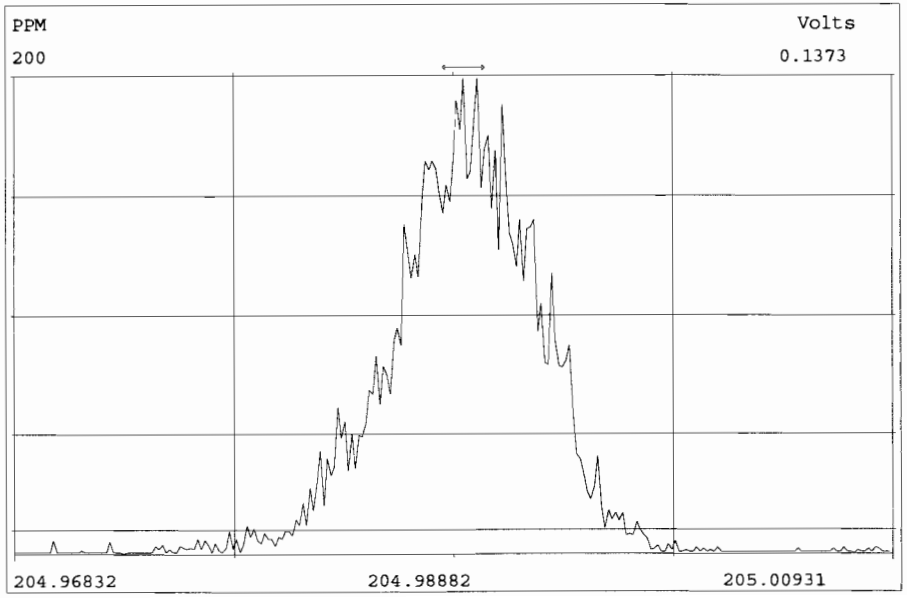
Peak Locate Examination: 8-FEB-2018:17:23 File:RES_CHECK

Experiment:PCB_ZB1 Function:1 Reference:PFK



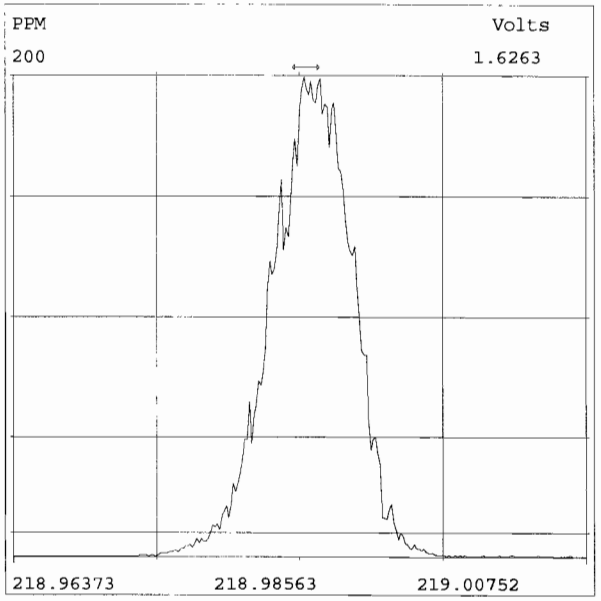


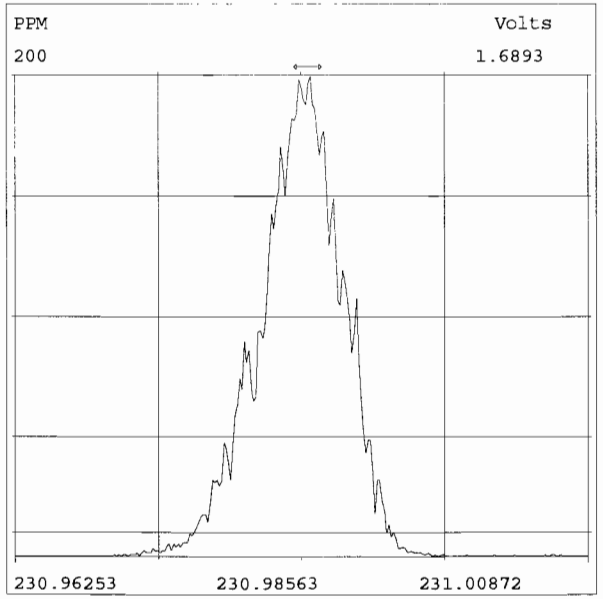


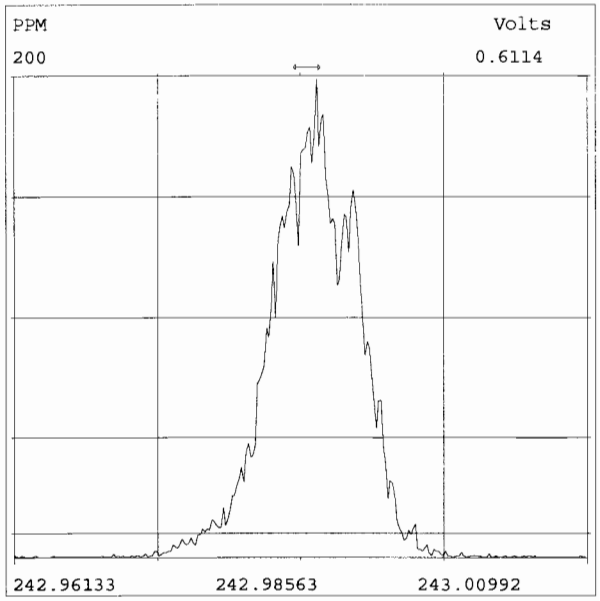


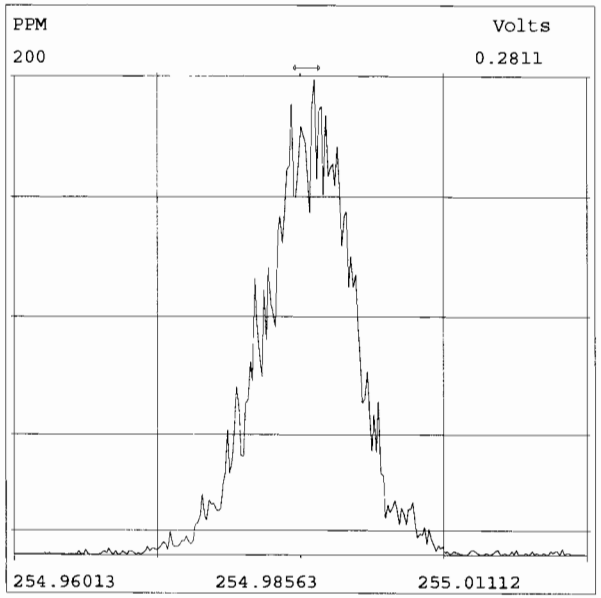
Peak Locate Examination: 8-FEB-2018:17:24 File:RES_CHECK

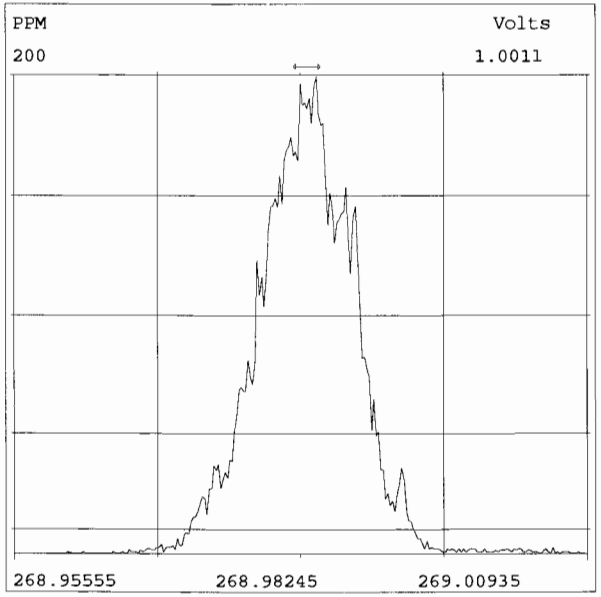
Experiment:PCB_ZB1 Function:2 Reference:PFK

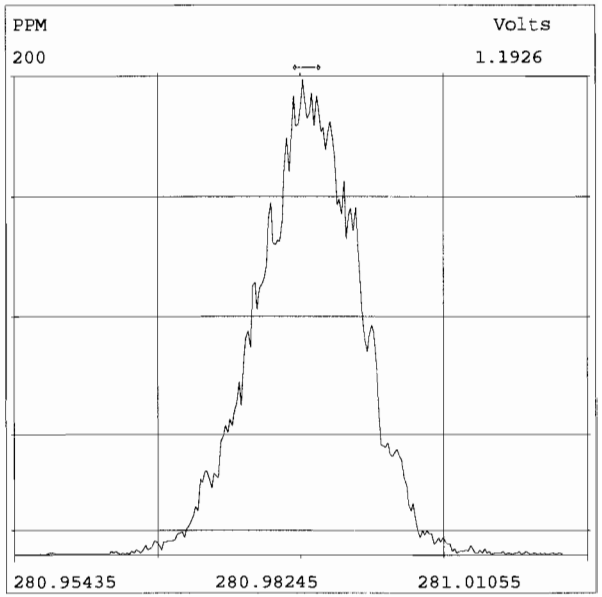






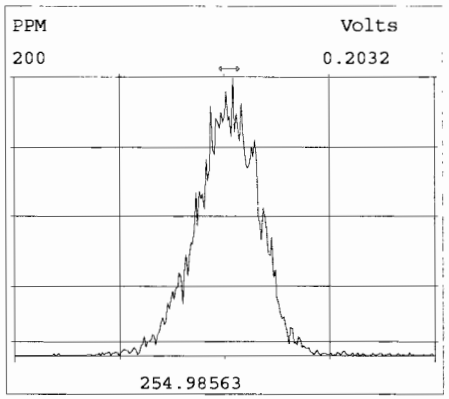


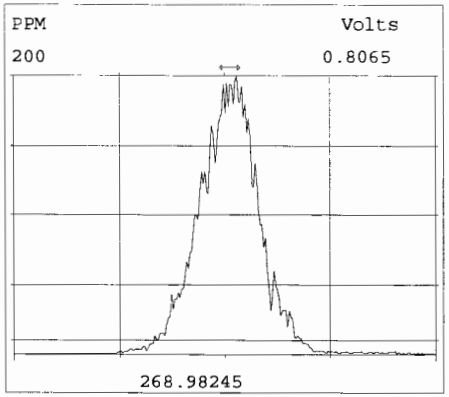


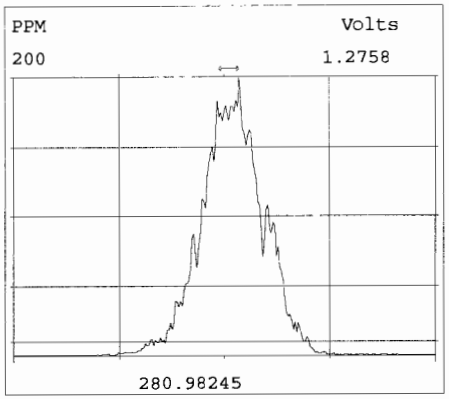


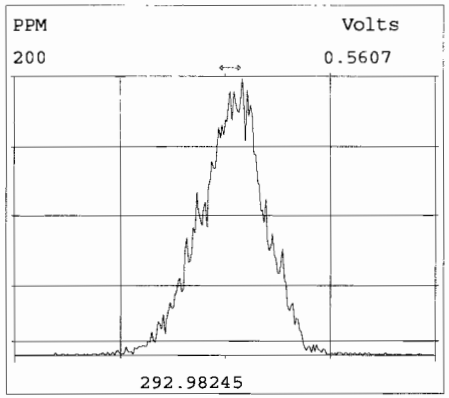
Peak Locate Examination: 8-FEB-2018:17:25 File:RES_CHECK

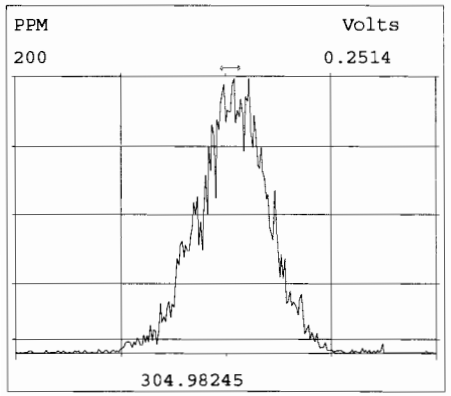
Experiment:PCB_ZB1 Function:3 Reference:PFK

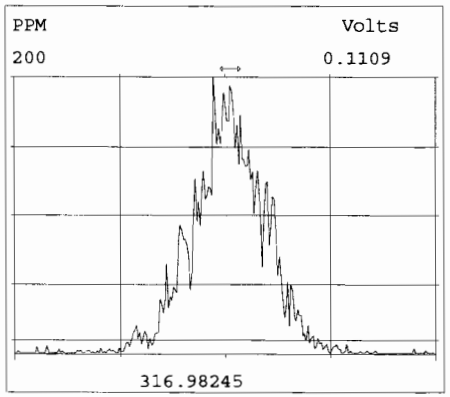


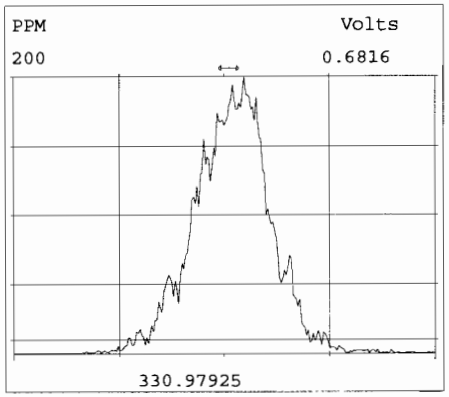


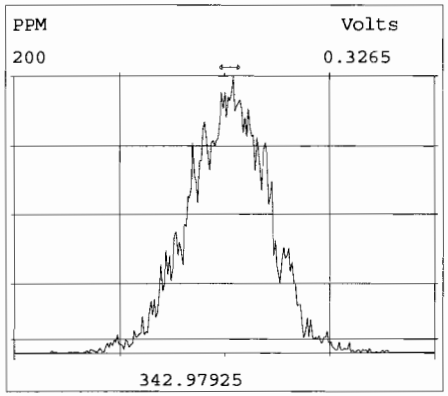


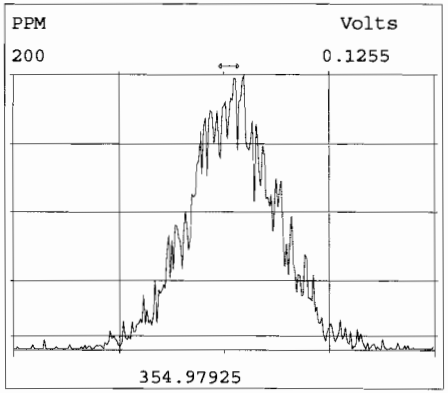


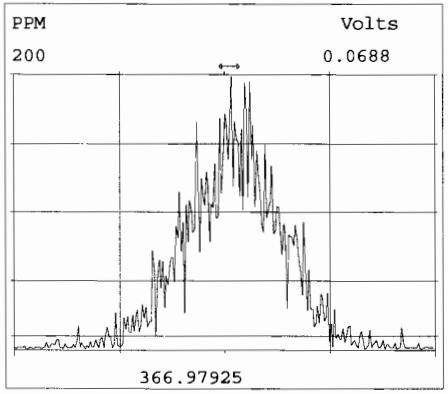


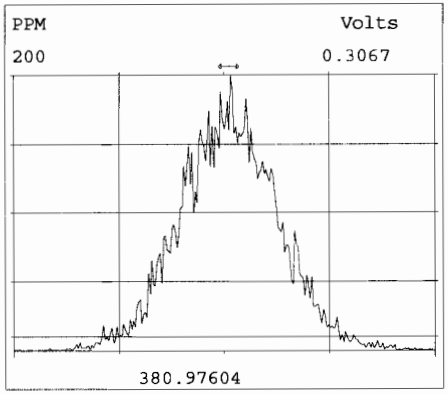






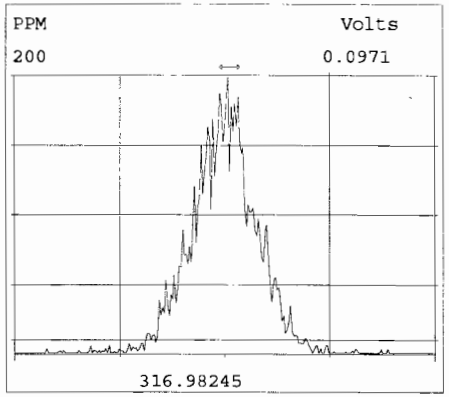


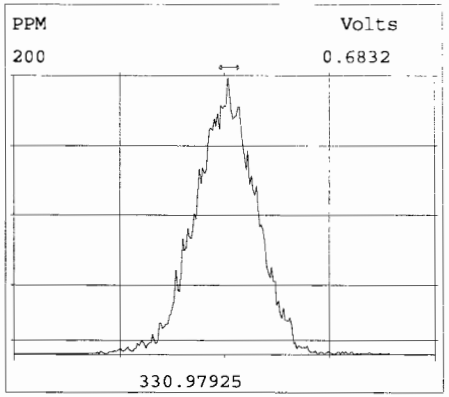


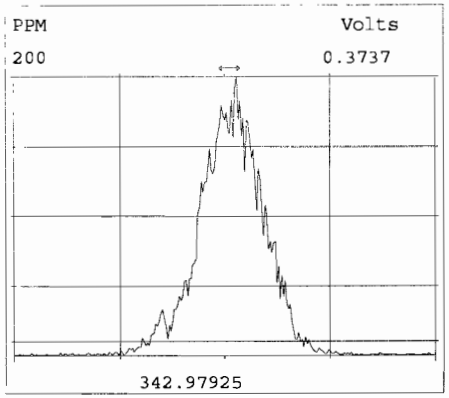


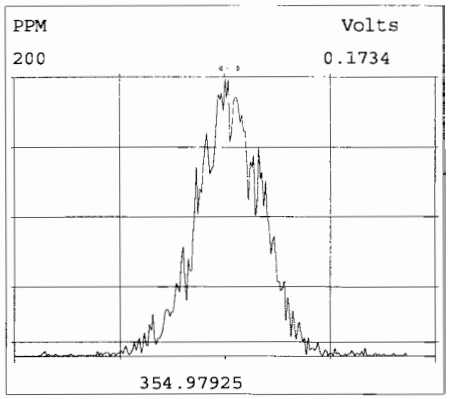
Peak Locate Examination: 8-FEB-2018:17:26 File:RES_CHECK

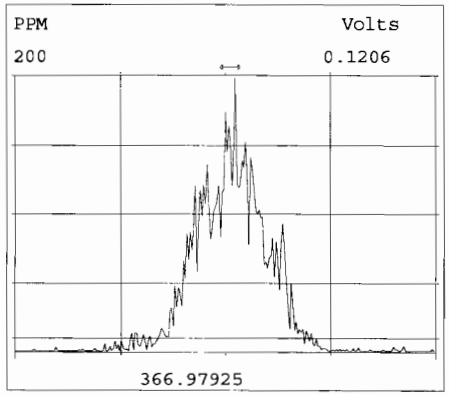
Experiment:PCB_ZB1 Function:4 Reference:PFK

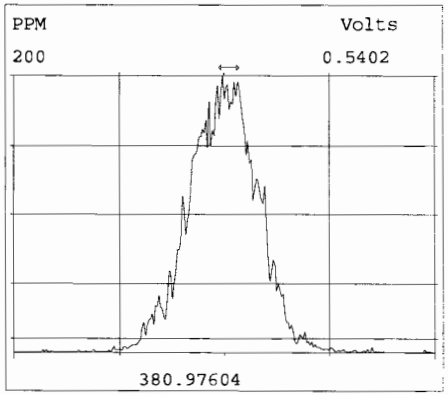


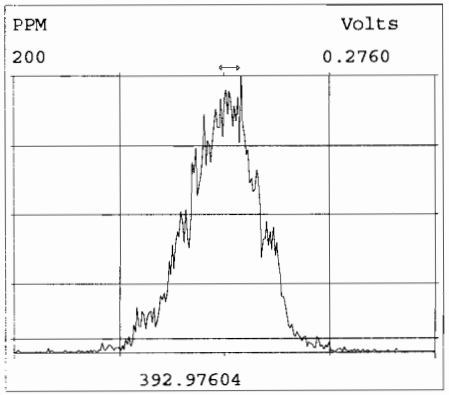


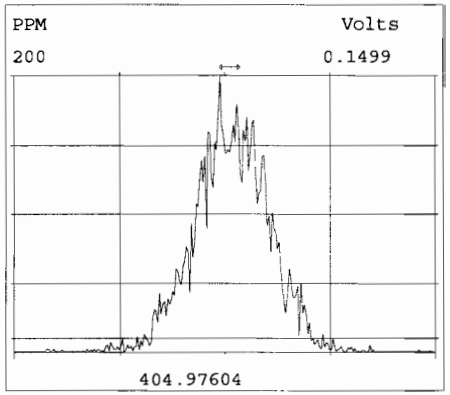


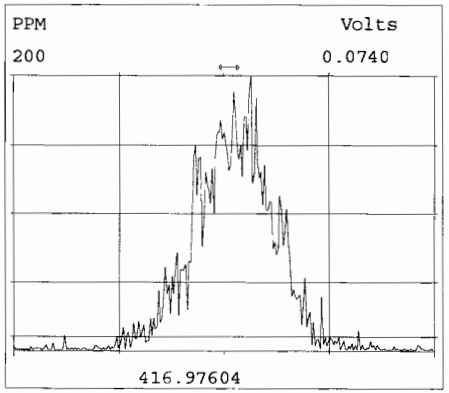


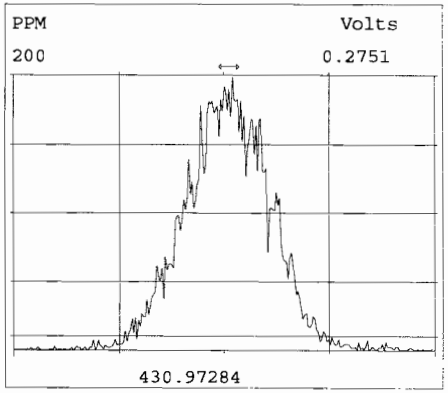


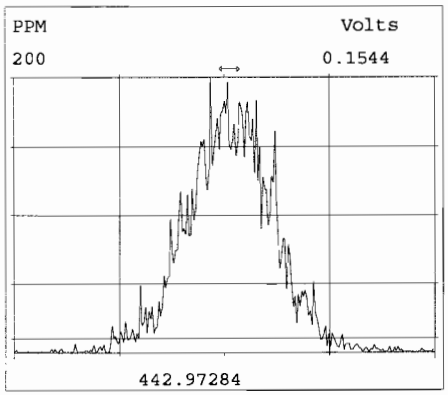






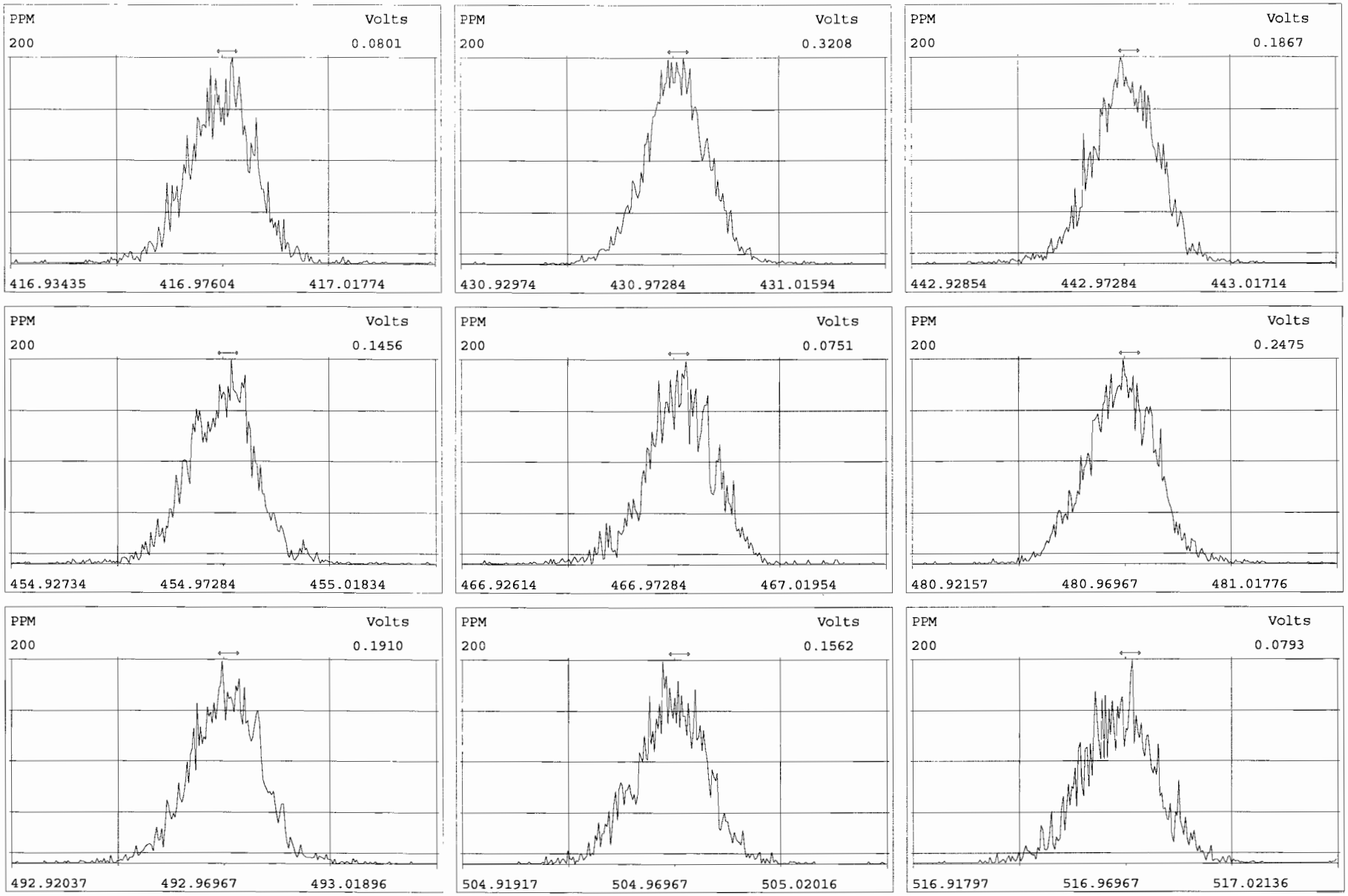






Peak Locate Examination: 8-FEB-2018:17:27 File:RES_CHECK

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

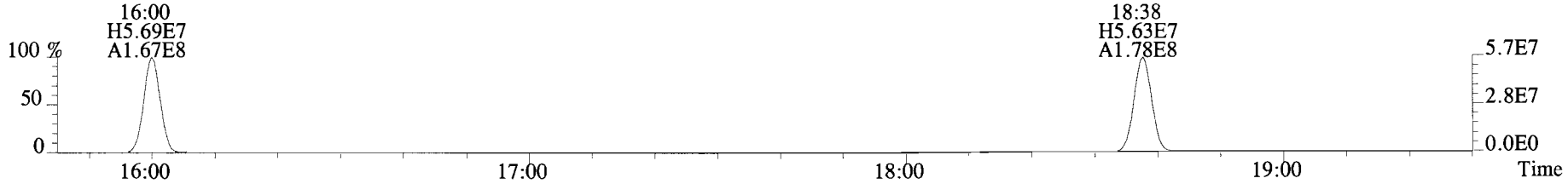
RS

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

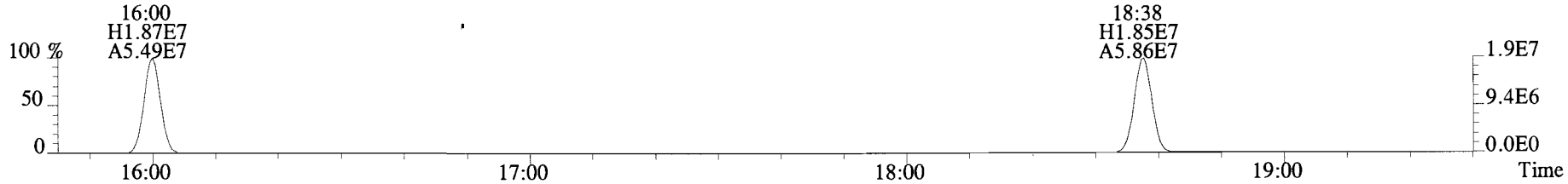
Analyst: MI

Date: 2/22/18

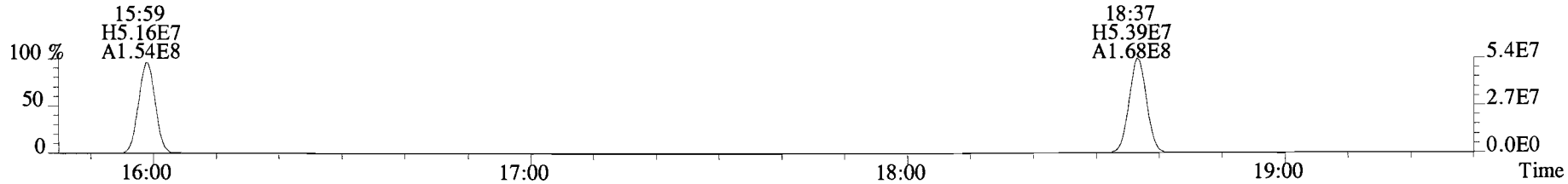
File:180208E1 #1-867 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
188.0393 S:8 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8184.0,0.00%,F,F)



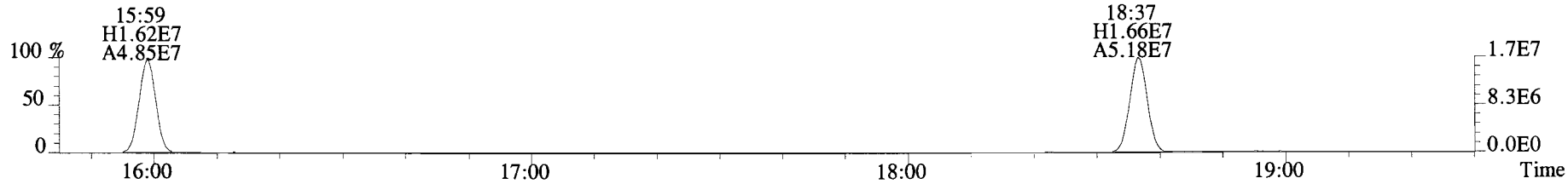
190.0363 S:8 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5228.0,0.00%,F,F)



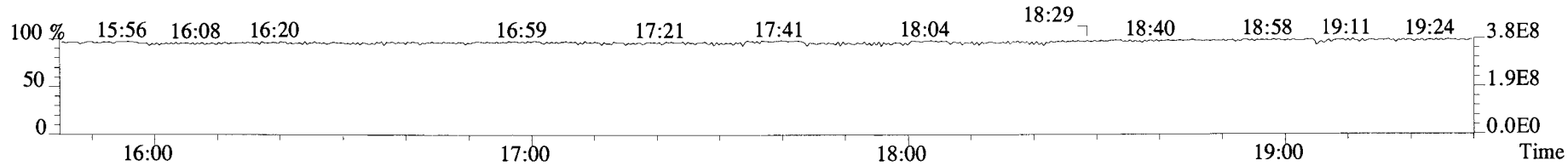
200.0795 S:8 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5992.0,0.00%,F,F)



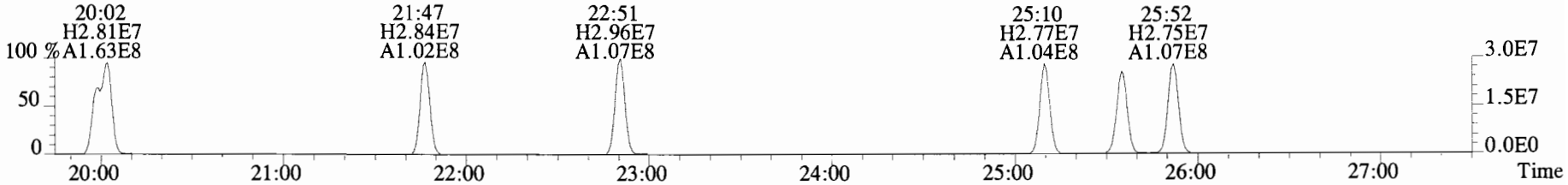
202.0766 S:8 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38260.0,0.00%,F,F)



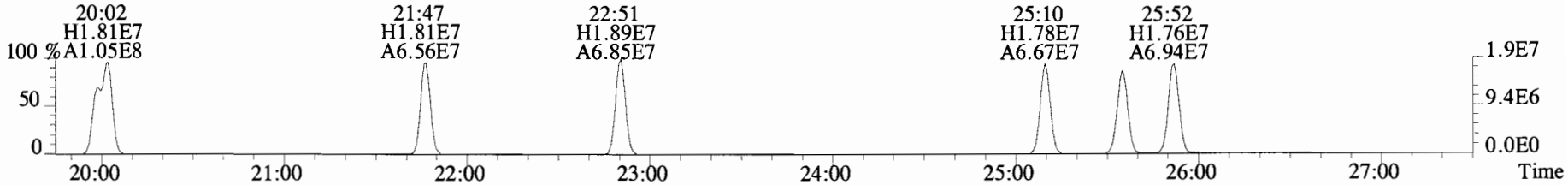
180.9880 S:8



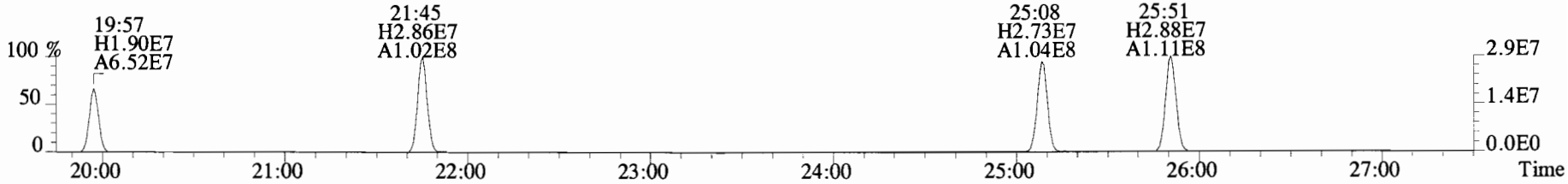
File:180208E1 #1-757 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
222.0003 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4540.0,0.00%,F,F)



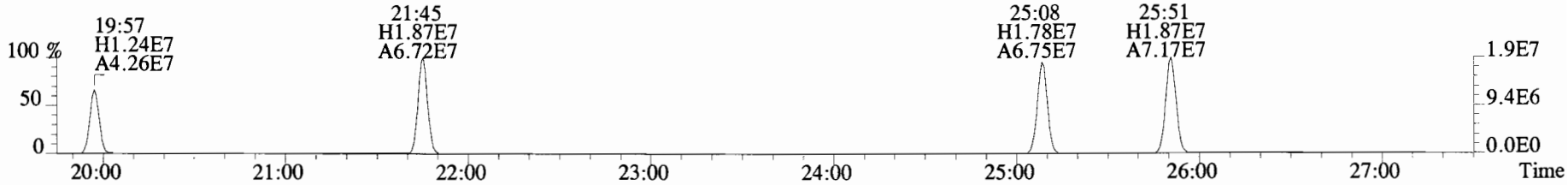
223.9974 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10300.0,0.00%,F,F)



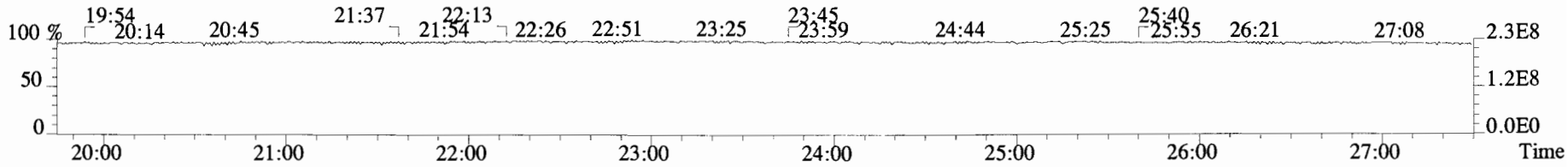
234.0406 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5316.0,0.00%,F,F)



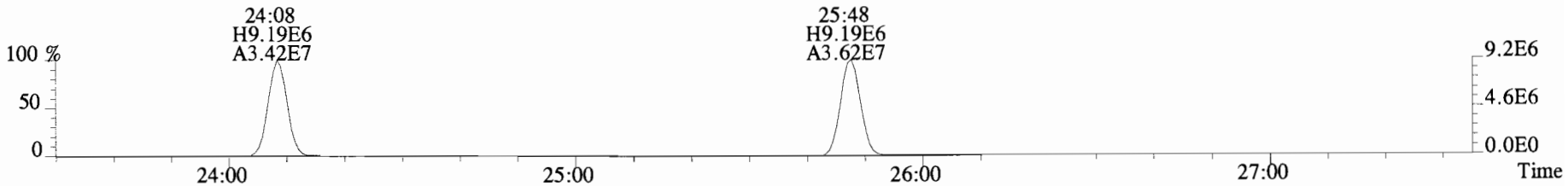
236.0376 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4056.0,0.00%,F,F)



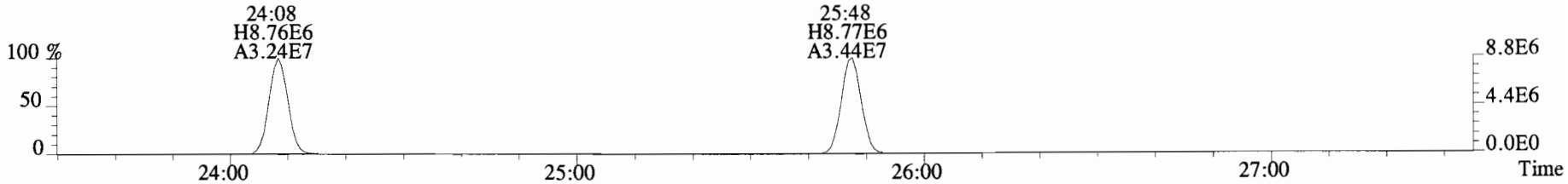
230.9856 S:8 F:2



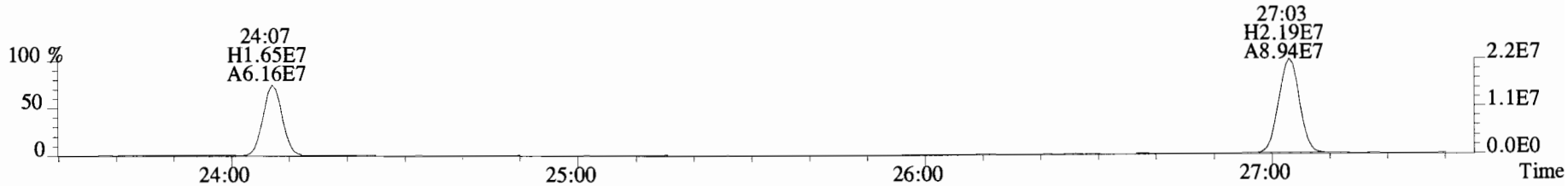
File:180208E1 #1-757 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
255.9613 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4292.0,0.00%,F,F)



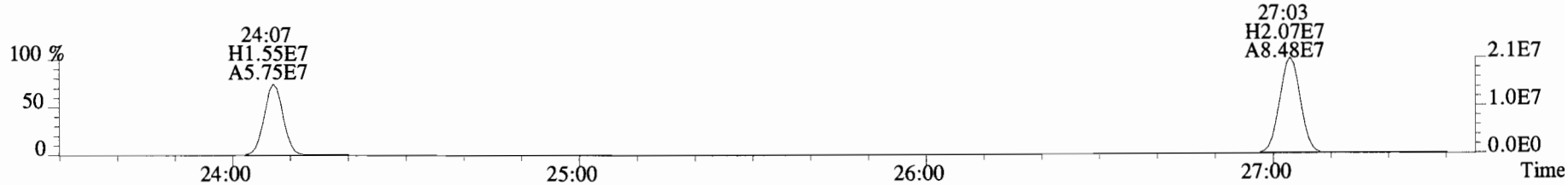
257.9584 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3252.0,0.00%,F,F)



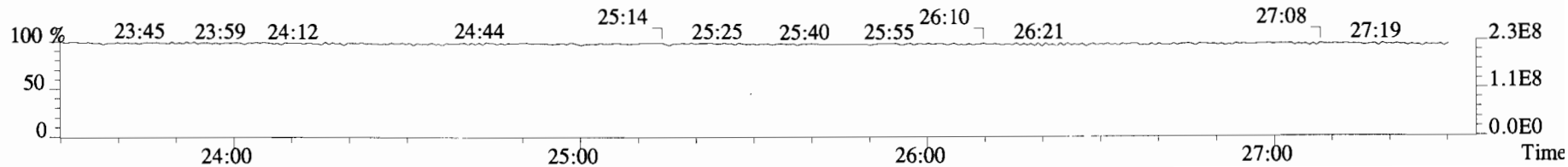
268.0016 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,75768.0,0.00%,F,F)



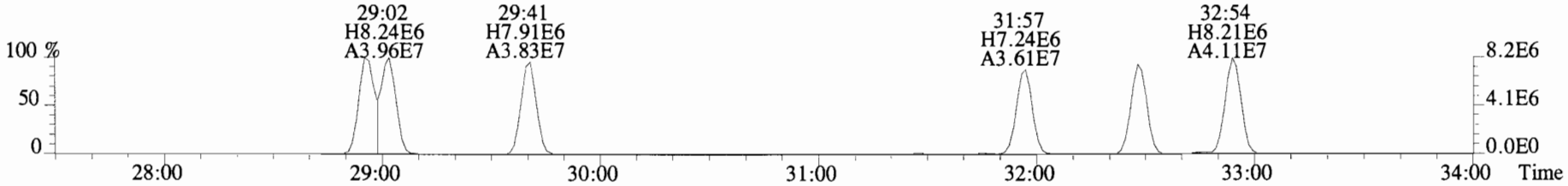
269.9986 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,31388.0,0.00%,F,F)



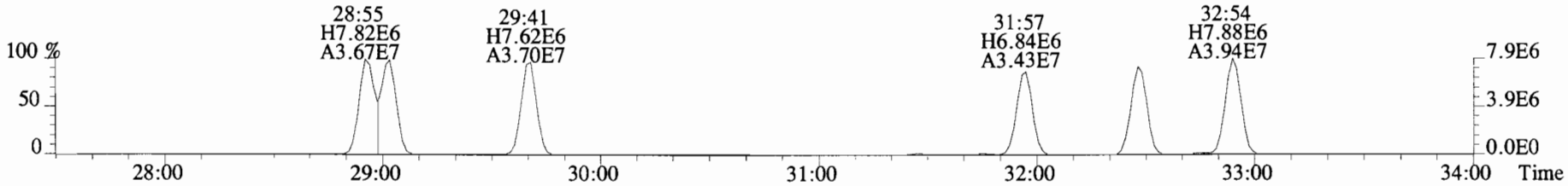
230.9856 S:8 F:2



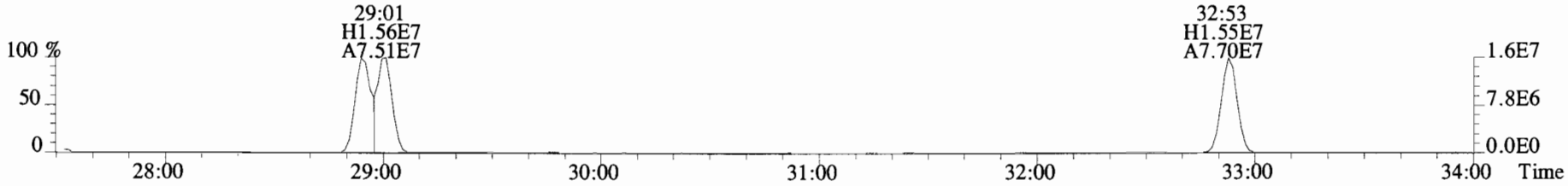
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
255.9613 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5224.0,0.00%,F,F)



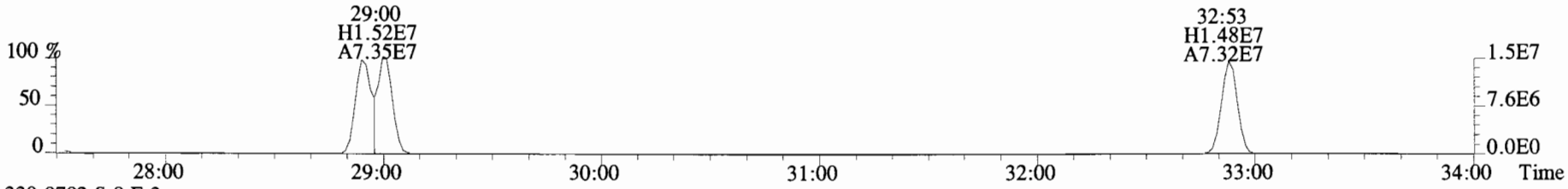
257.9584 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4788.0,0.00%,F,F)



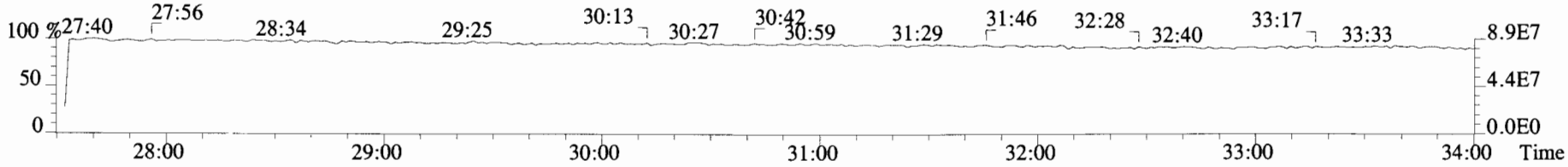
268.0016 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,47792.0,0.00%,F,F)



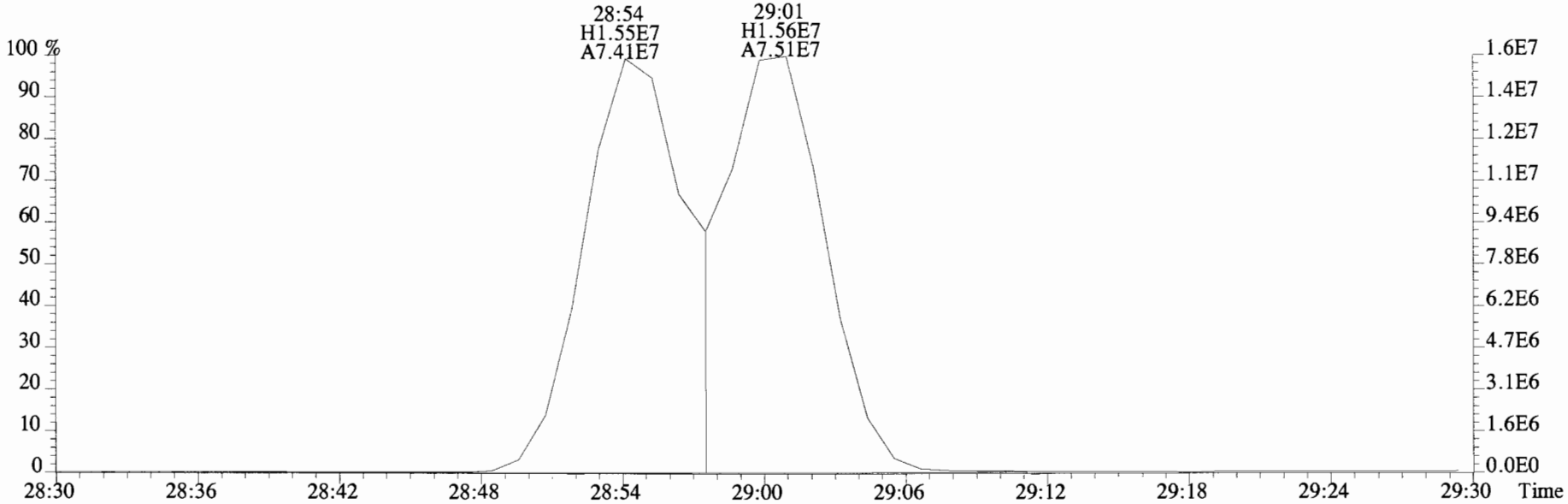
269.9986 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20416.0,0.00%,F,F)



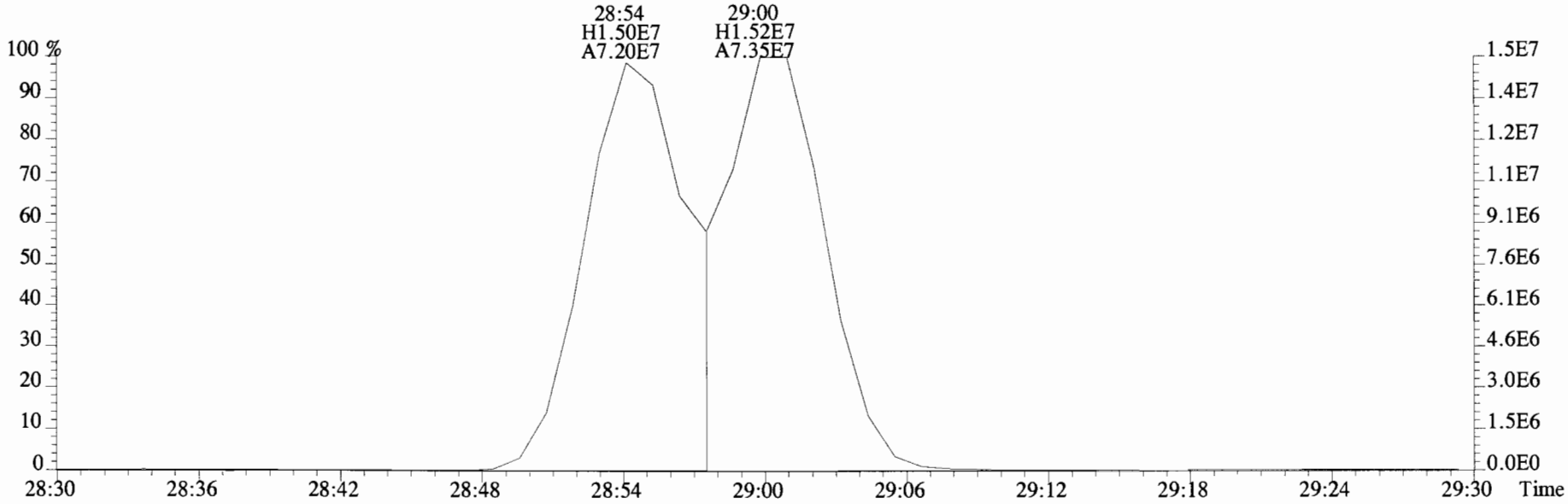
330.9792 S:8 F:3



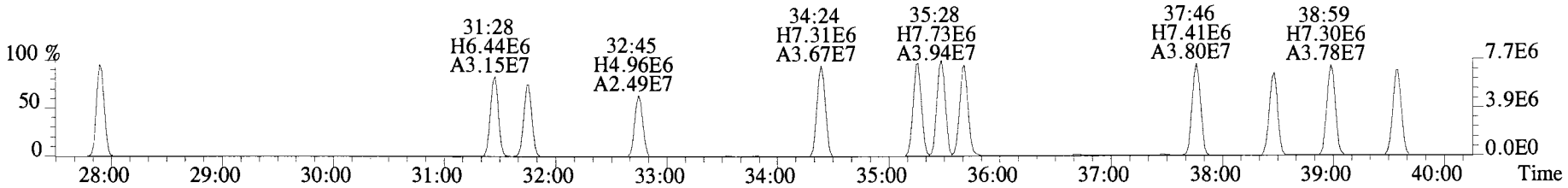
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
268.0016 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,47792.0,0.00%,F,F)



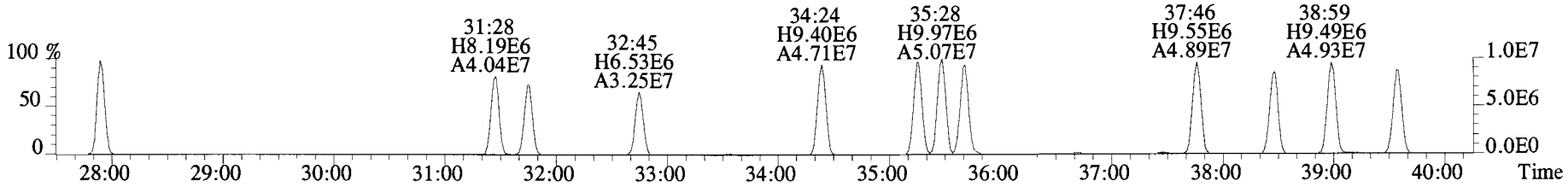
269.9986 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20416.0,0.00%,F,F)



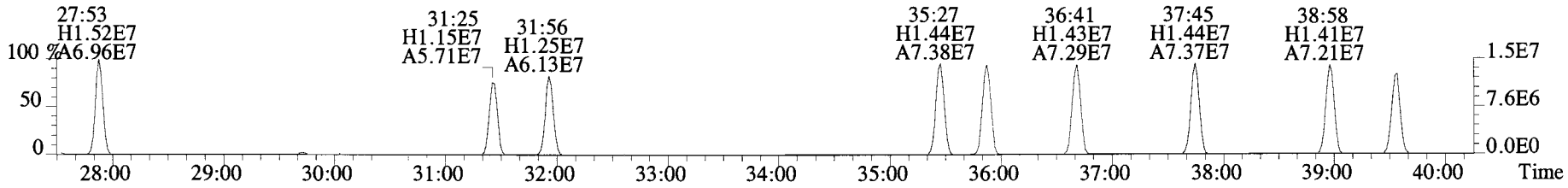
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5536.0,0.00%,F,F)



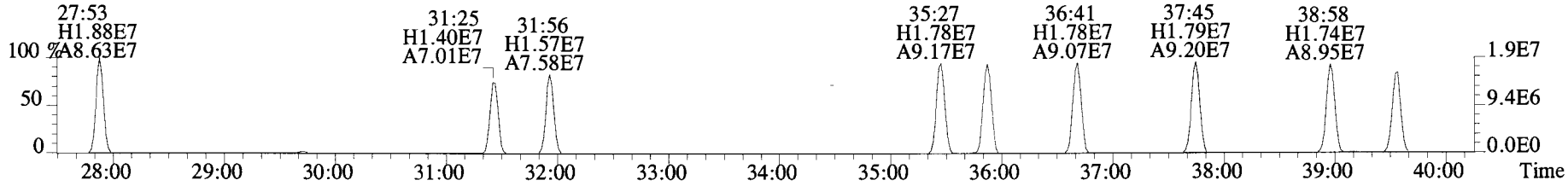
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5996.0,0.00%,F,F)



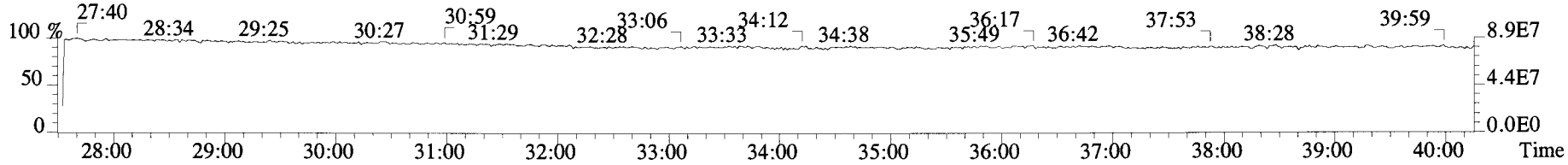
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22836.0,0.00%,F,F)



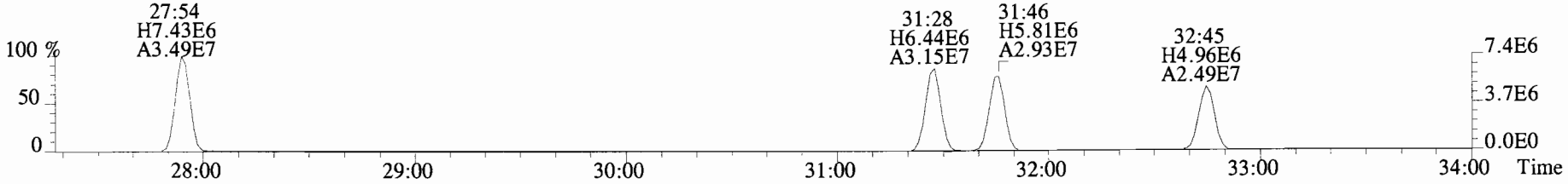
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17480.0,0.00%,F,F)



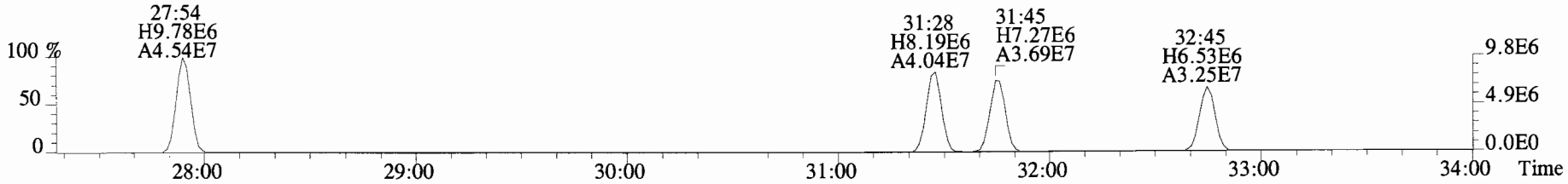
330.9792 S:8 F:3



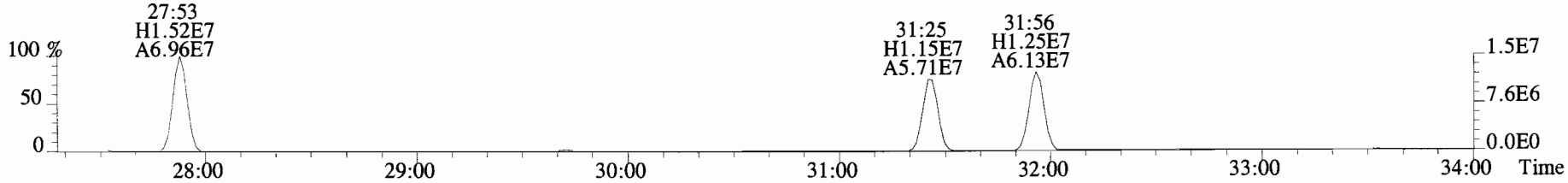
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5536.0,0.00%,F,F)



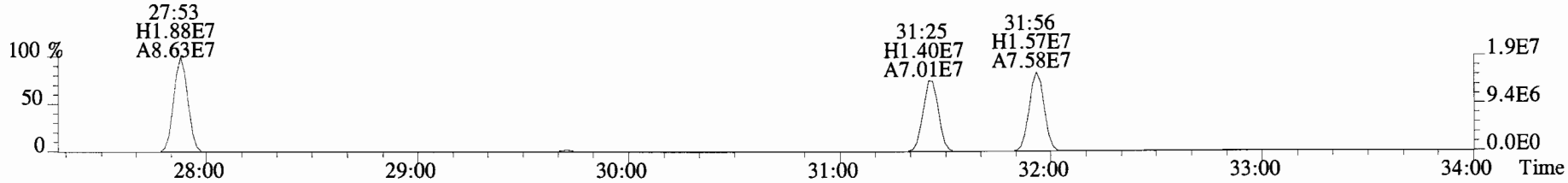
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5996.0,0.00%,F,F)



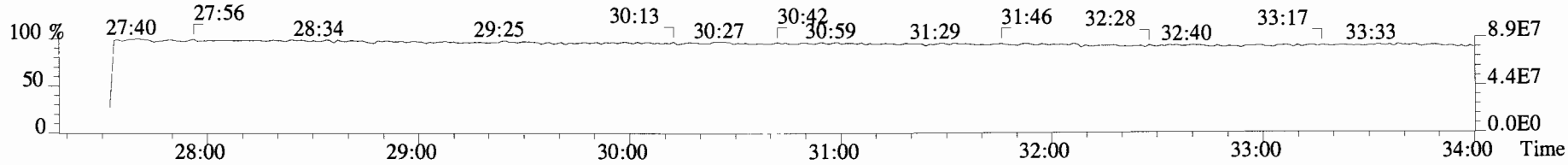
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22836.0,0.00%,F,F)



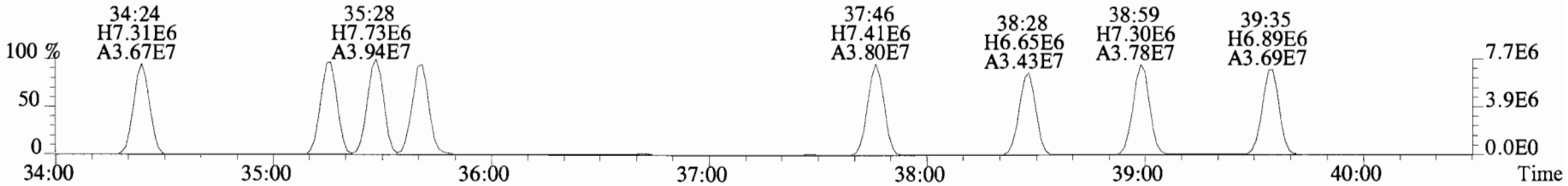
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17480.0,0.00%,F,F)



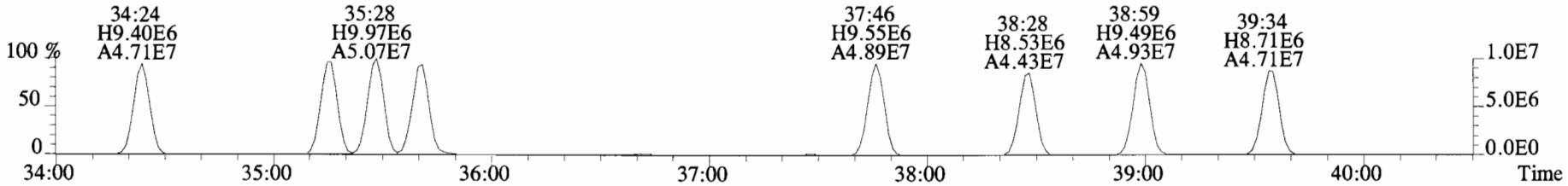
330.9792 S:8 F:3



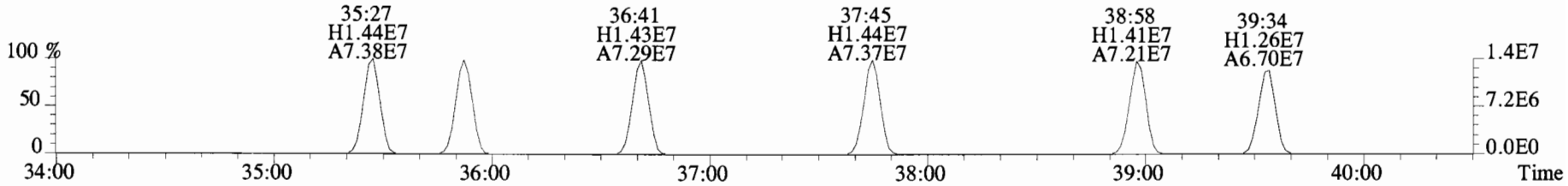
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5536.0,0.00%,F,F)



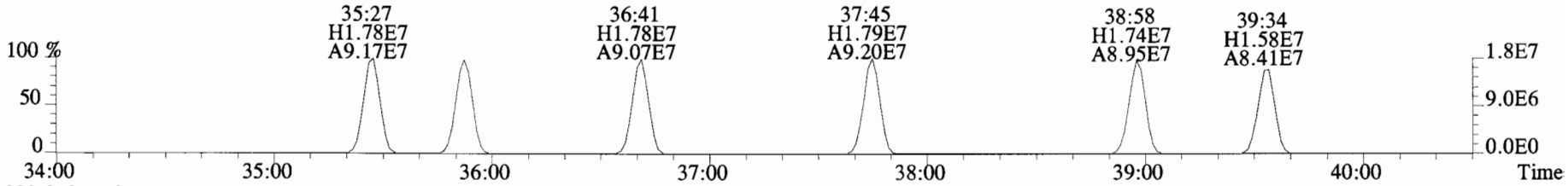
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5996.0,0.00%,F,F)



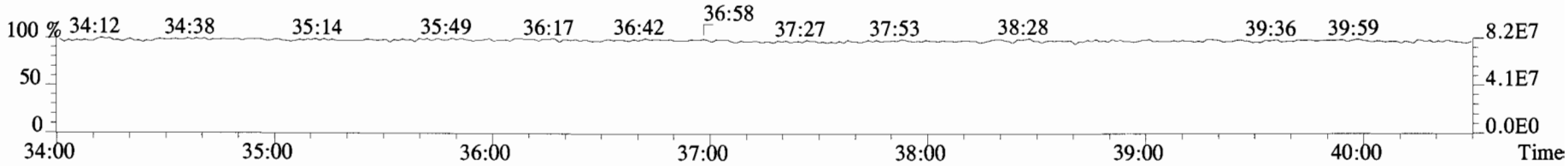
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22836.0,0.00%,F,F)



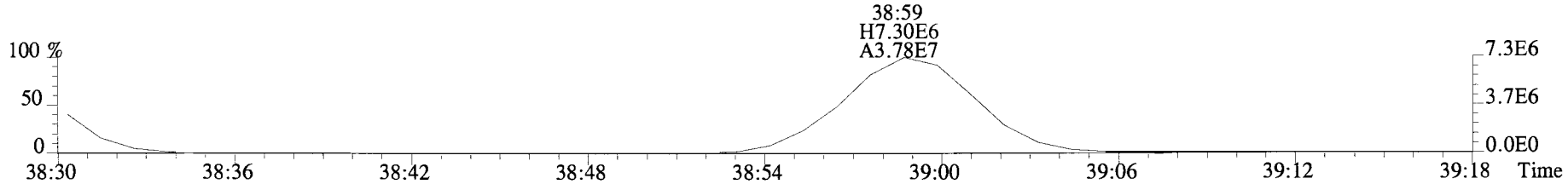
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17480.0,0.00%,F,F)



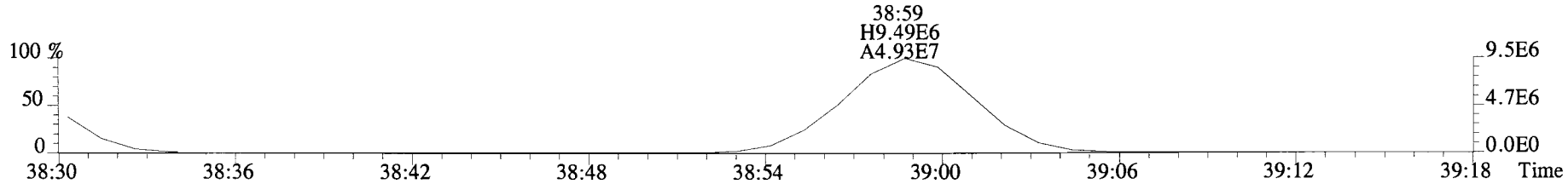
330.9792 S:8 F:3



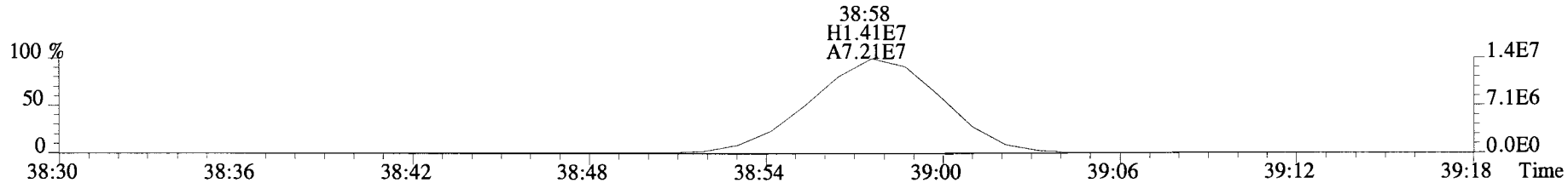
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5536.0,0.00%,F,F)



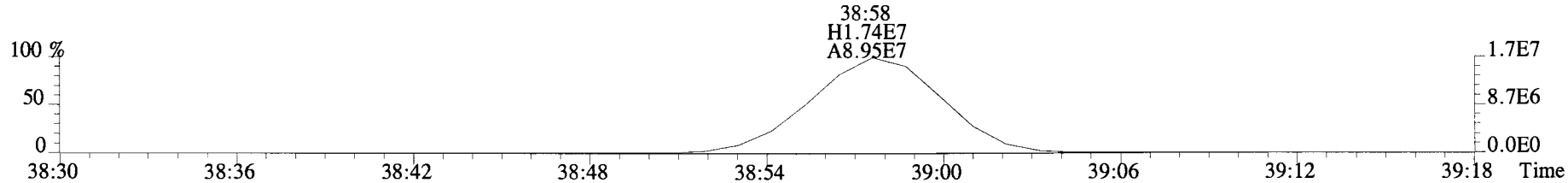
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5996.0,0.00%,F,F)



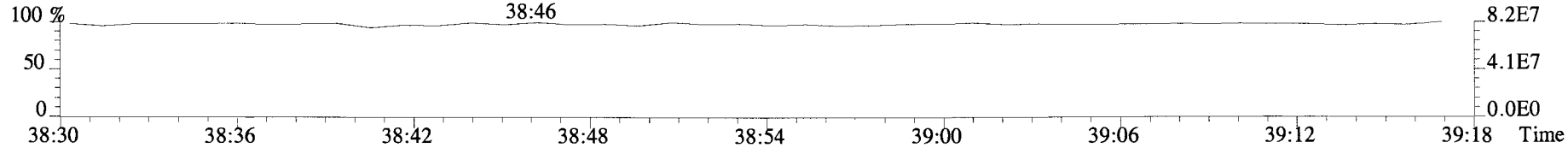
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22836.0,0.00%,F,F)



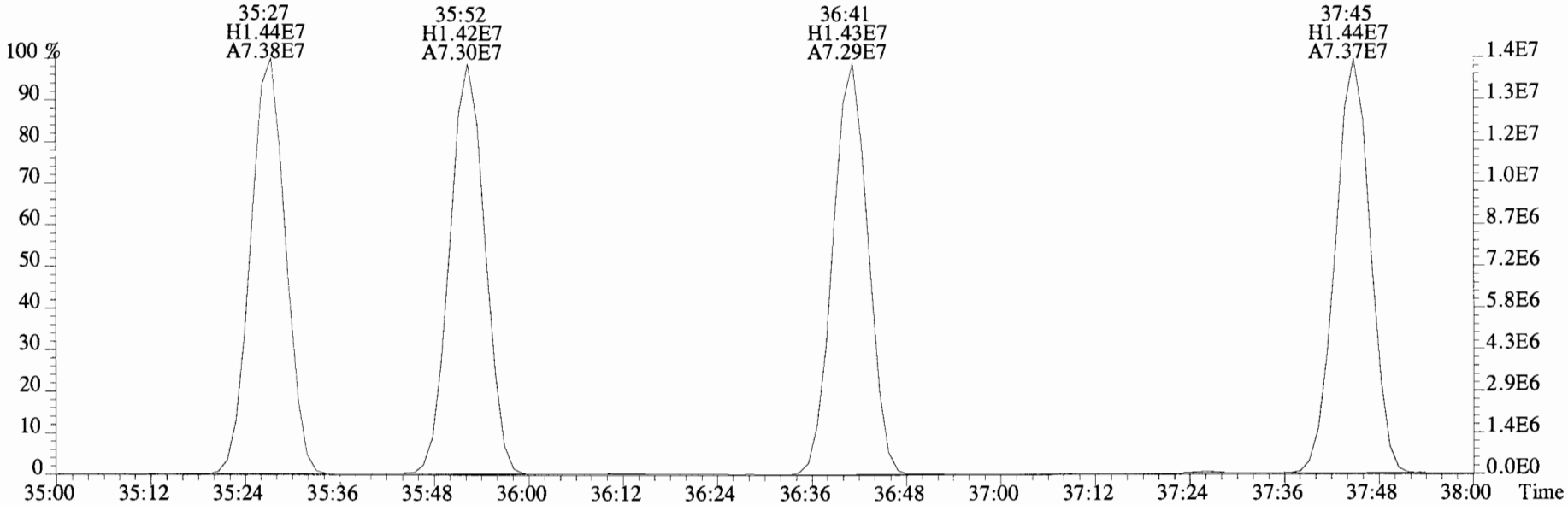
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17480.0,0.00%,F,F)



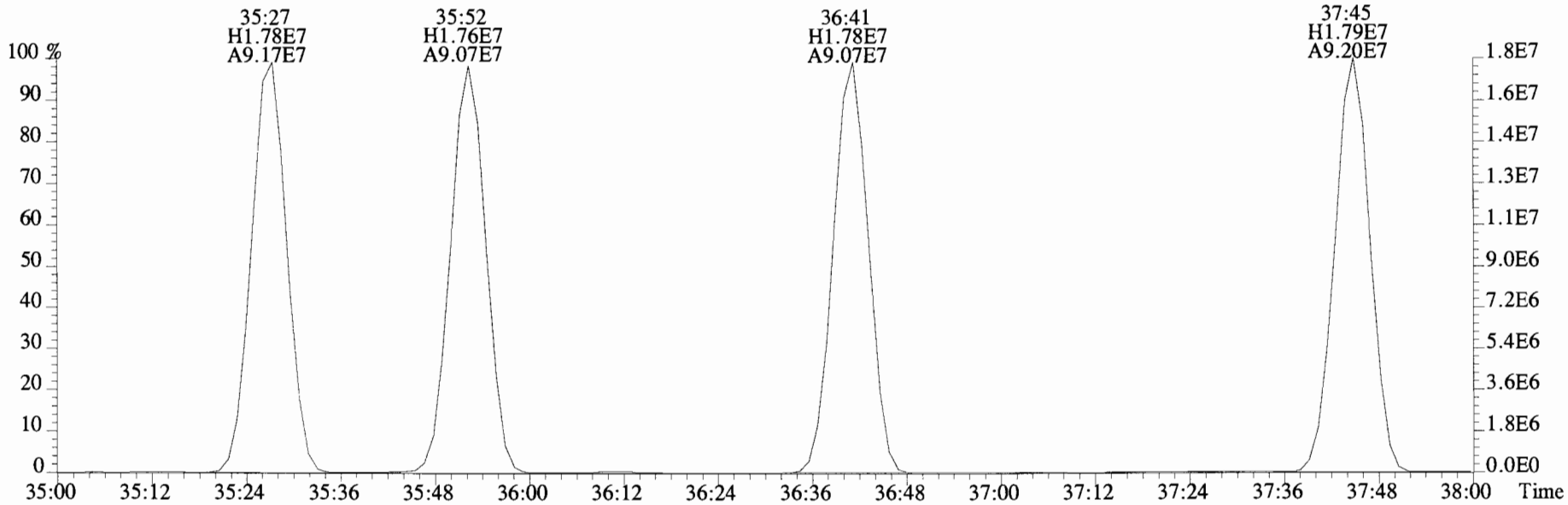
330.9792 S:8 F:3



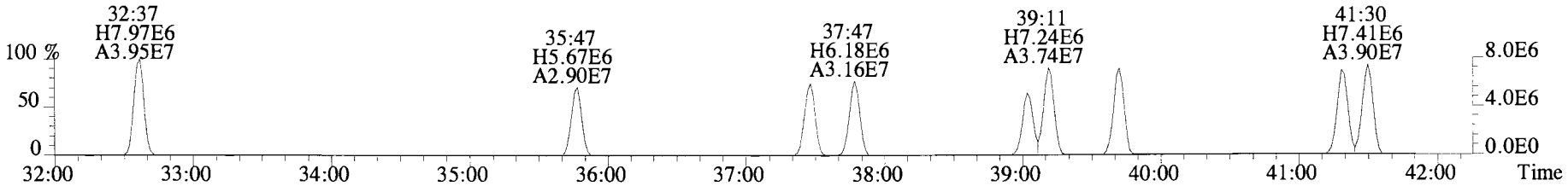
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22836.0,0.00%,F,F)



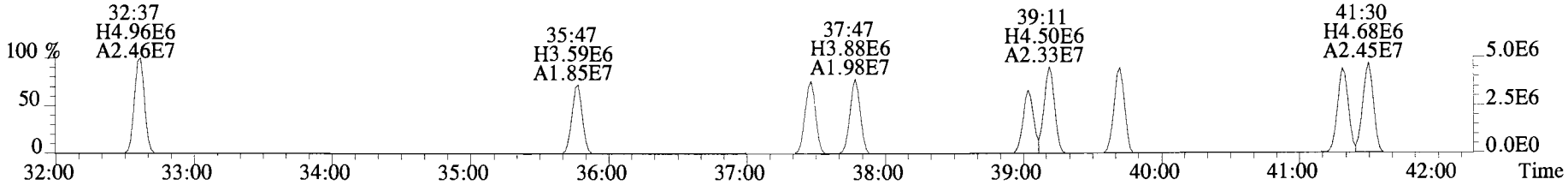
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17480.0,0.00%,F,F)



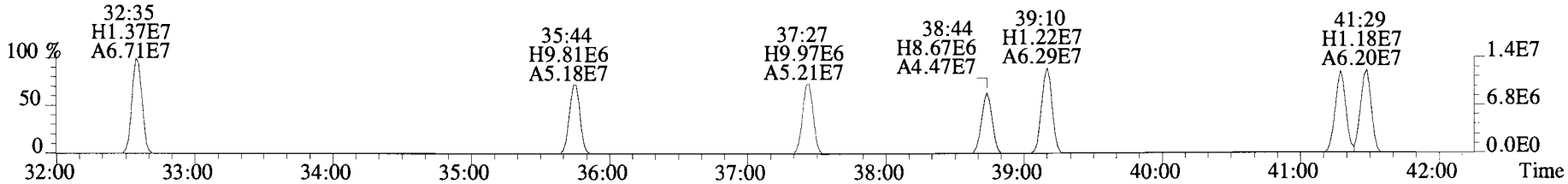
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
325.8804 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3280.0,0.00%,F,F)



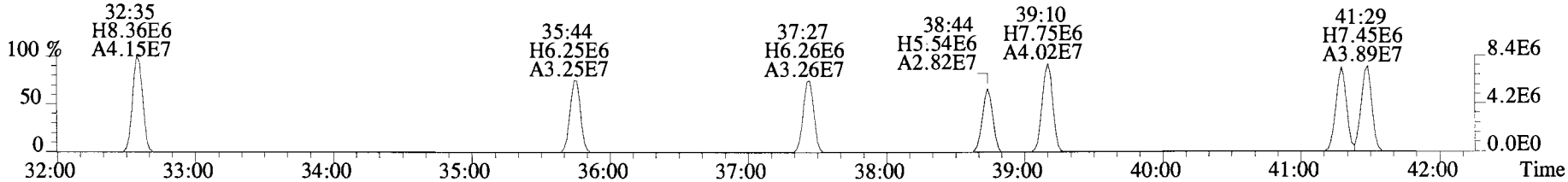
327.8775 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2316.0,0.00%,F,F)



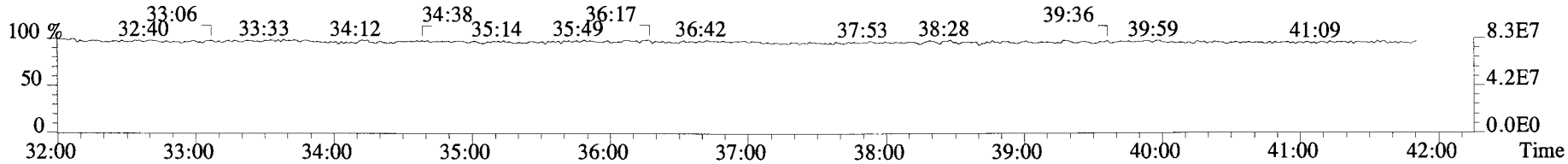
337.9207 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4504.0,0.00%,F,F)



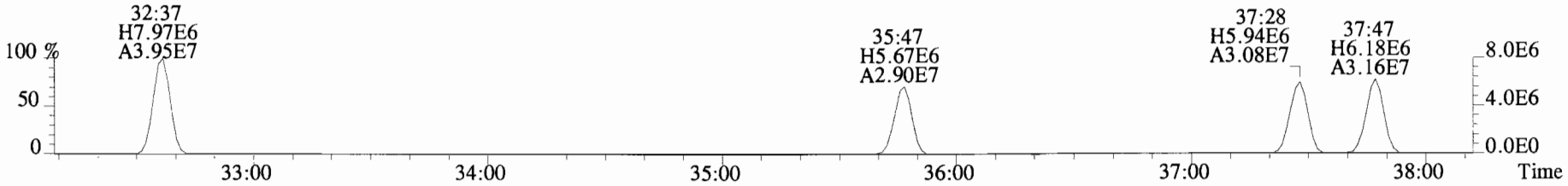
339.9177 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3496.0,0.00%,F,F)



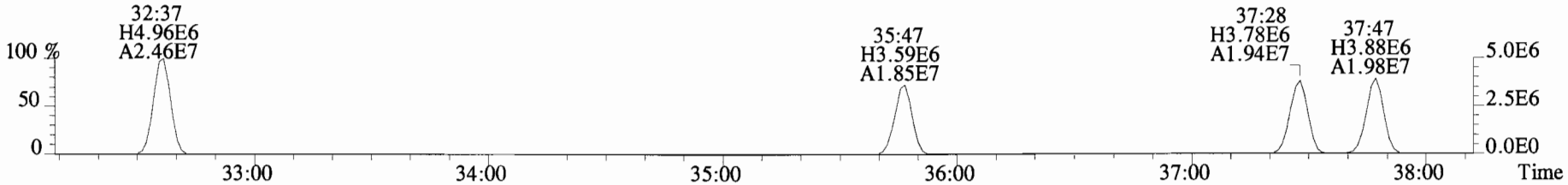
330.9792 S:8 F:3



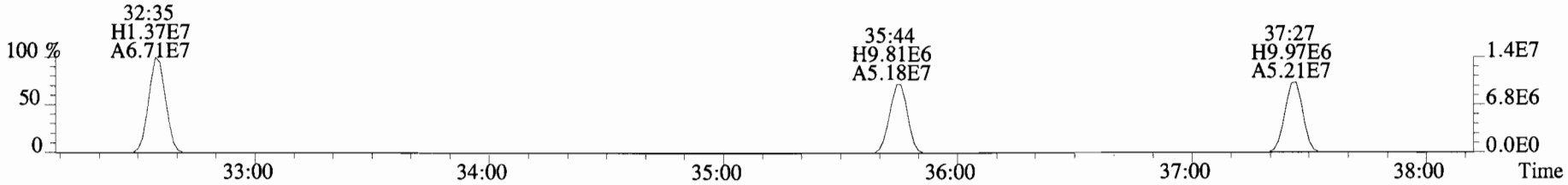
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
325.8804 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3280.0,0.00%,F,F)



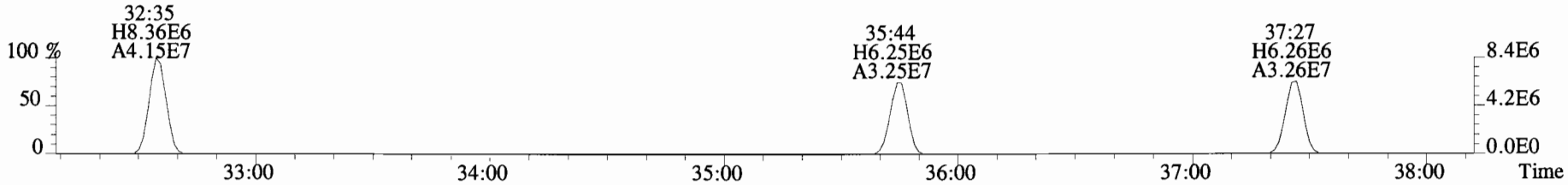
327.8775 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2316.0,0.00%,F,F)



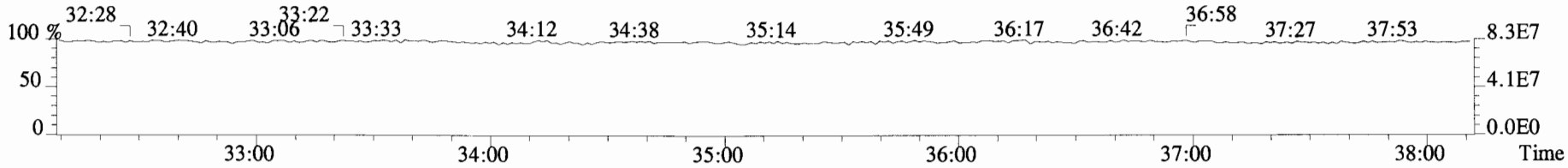
337.9207 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4504.0,0.00%,F,F)



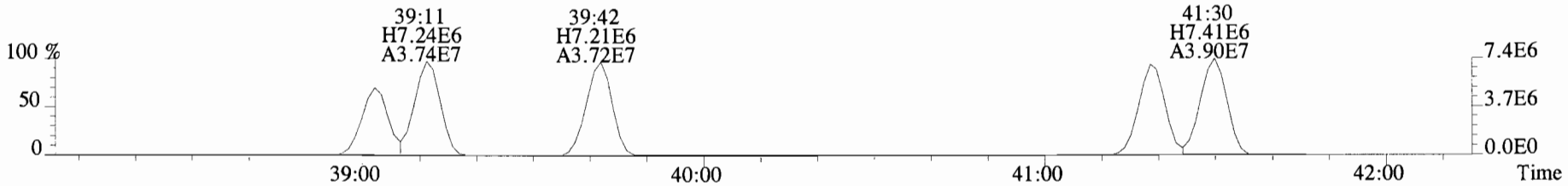
339.9177 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3496.0,0.00%,F,F)



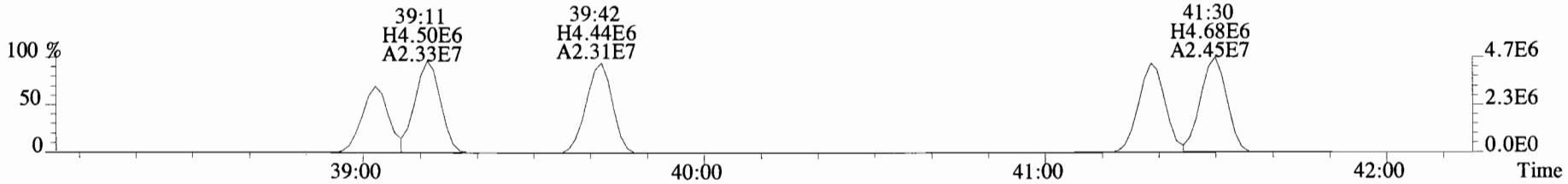
330.9792 S:8 F:3



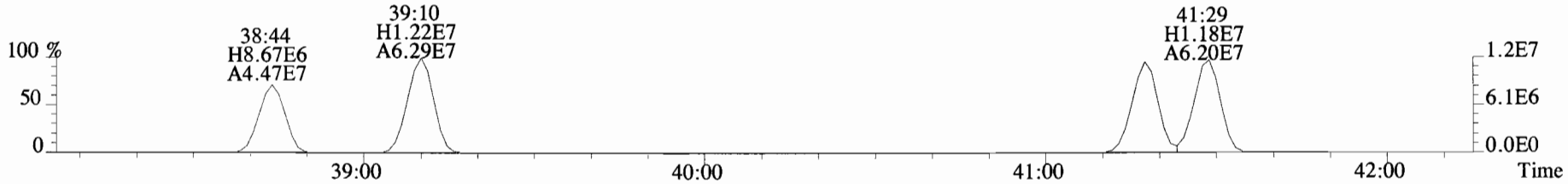
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
325.8804 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3280.0,0.00%,F,F)



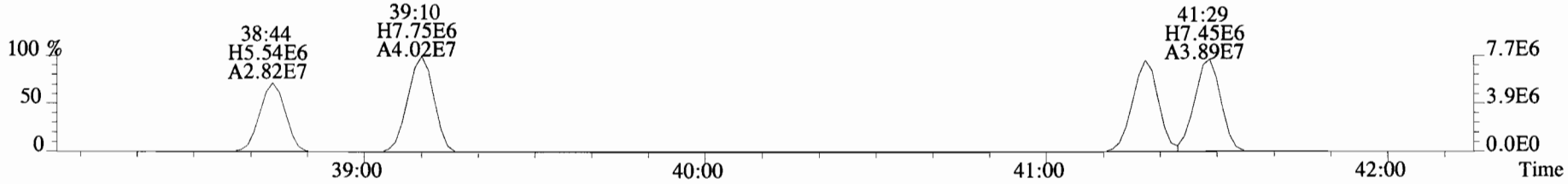
327.8775 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2316.0,0.00%,F,F)



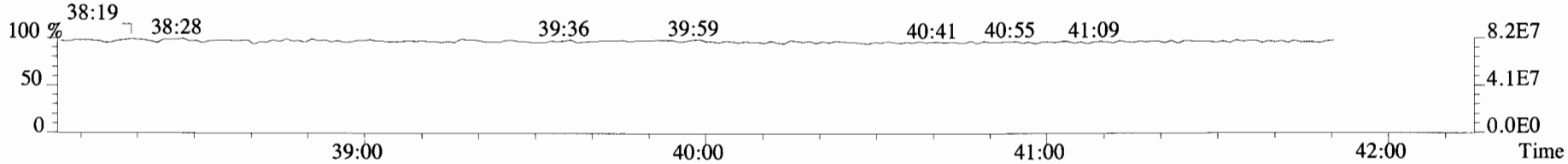
337.9207 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4504.0,0.00%,F,F)



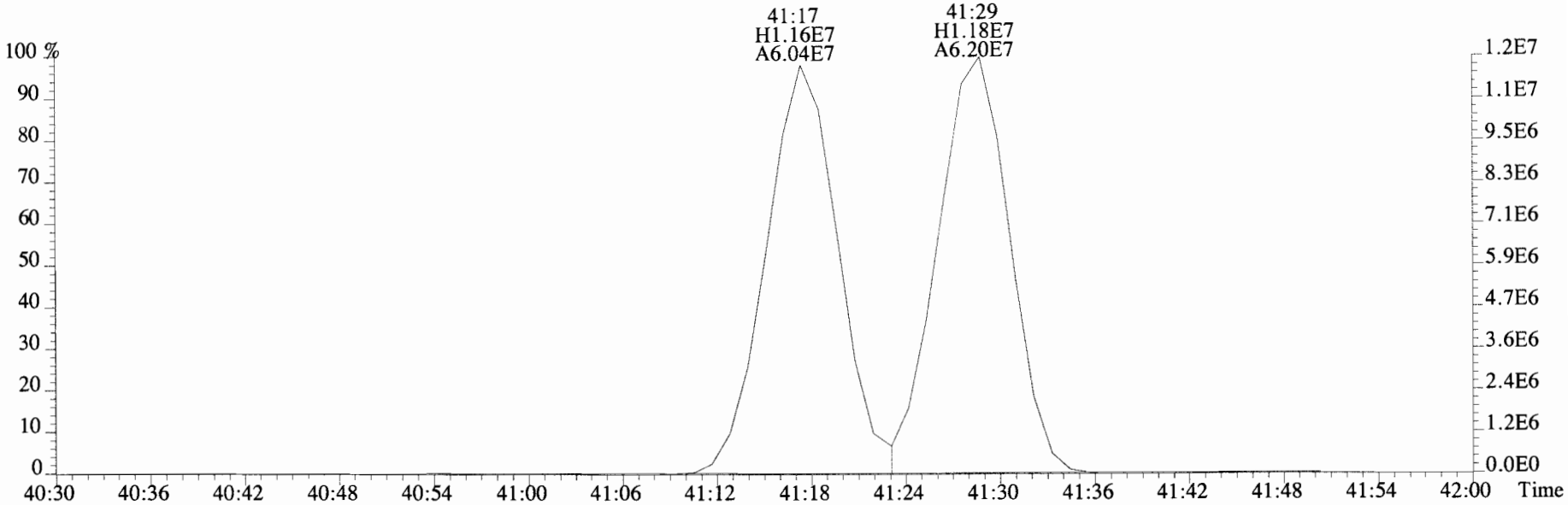
339.9177 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3496.0,0.00%,F,F)



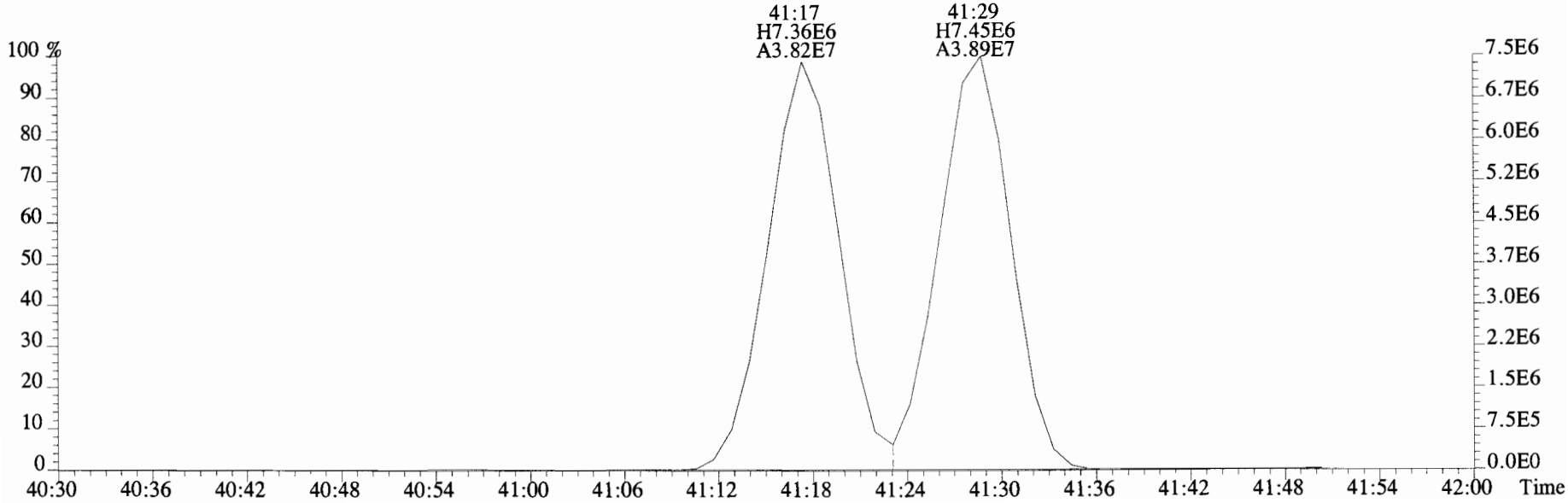
330.9792 S:8 F:3



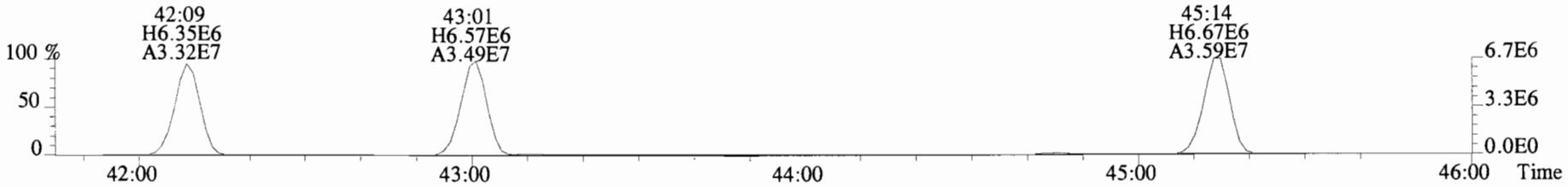
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
337.9207 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4504.0,0.00%,F,F)



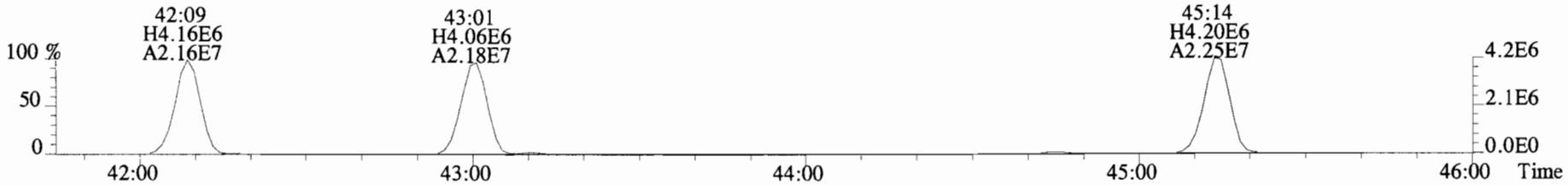
339.9177 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3496.0,0.00%,F,F)



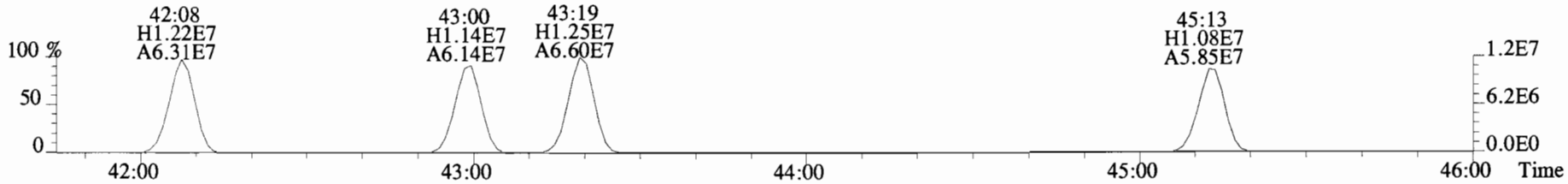
File:180208E1 #1-574 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
325.8804 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6988.0,0.00%,F,F)



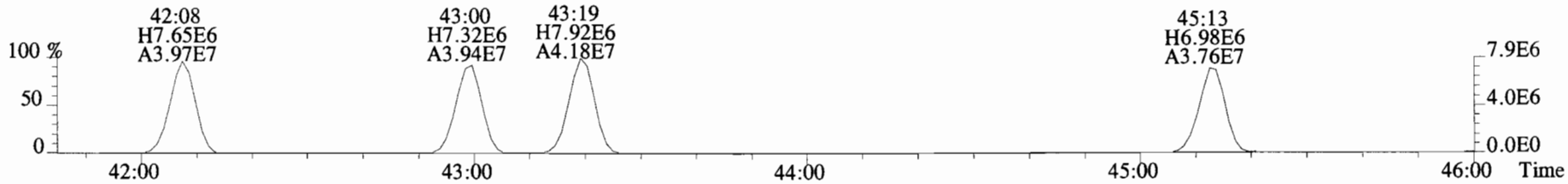
327.8775 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6008.0,0.00%,F,F)



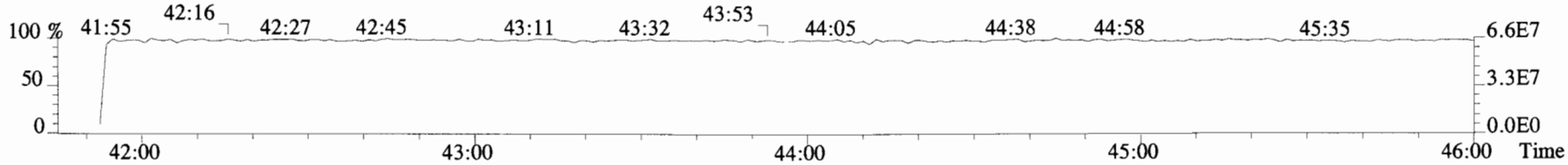
337.9207 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9960.0,0.00%,F,F)



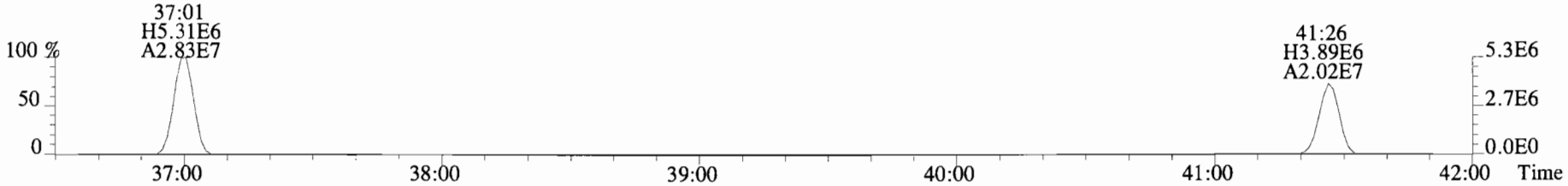
339.9177 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6616.0,0.00%,F,F)



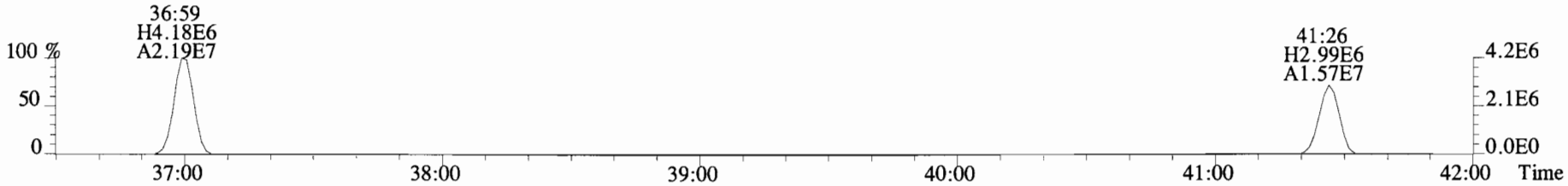
380.9760 S:8 F:4



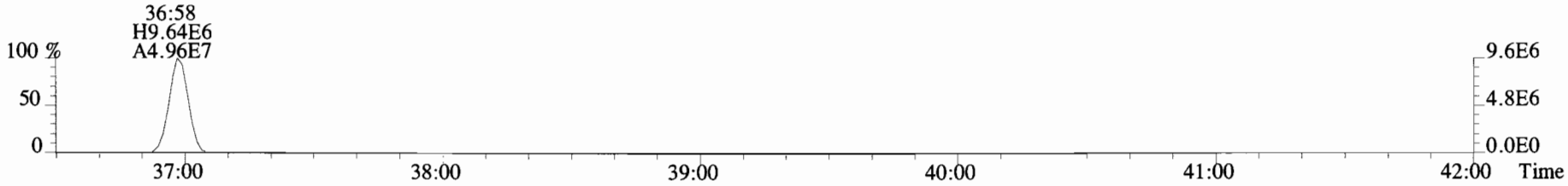
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
359.8415 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2400.0,0.00%,F,F)



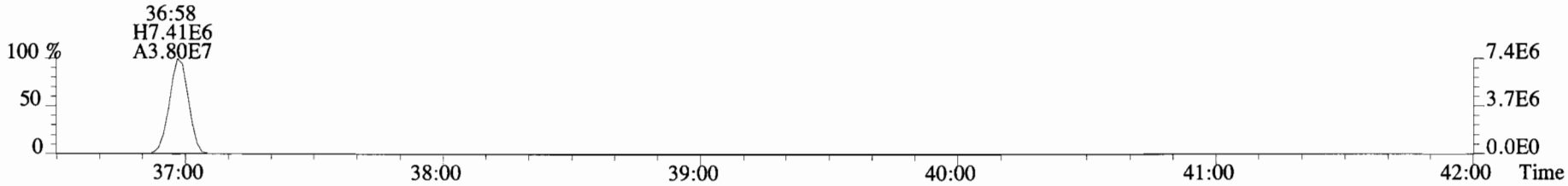
361.8385 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2264.0,0.00%,F,F)



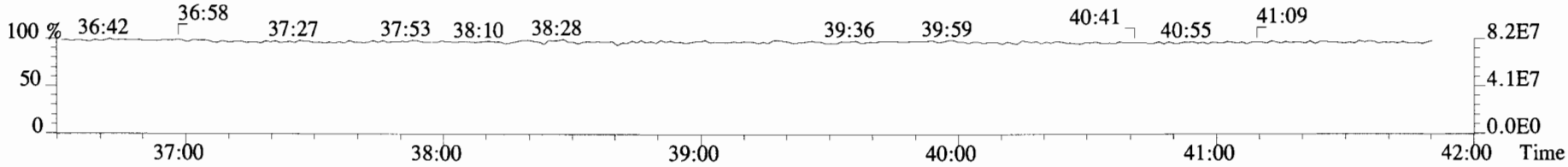
371.8817 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2372.0,0.00%,F,F)



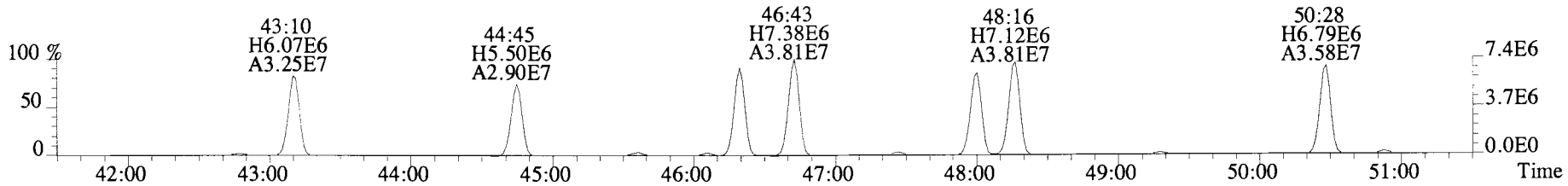
373.8788 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2472.0,0.00%,F,F)



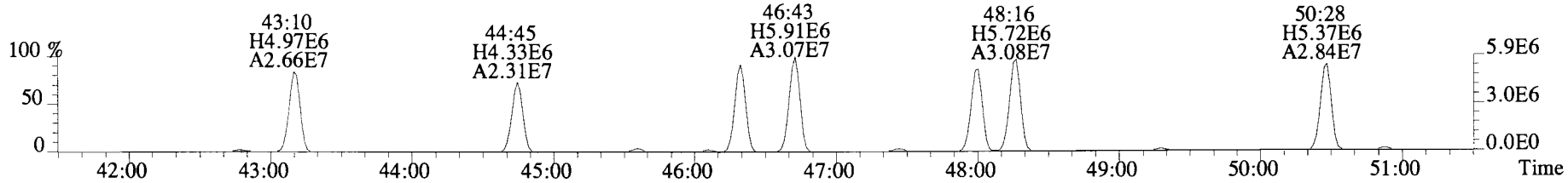
330.9792 S:8 F:3



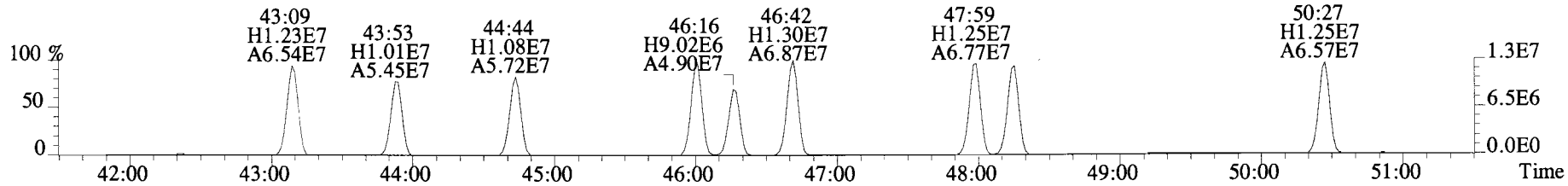
File:180208E1 #1-574 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
359.8415 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10208.0,0.00%,F,F)



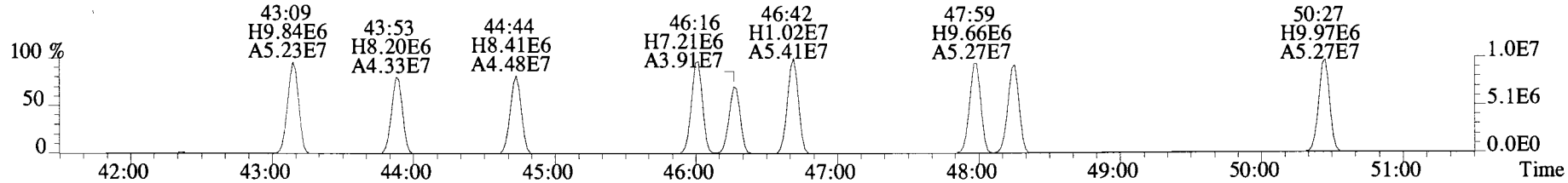
361.8385 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8204.0,0.00%,F,F)



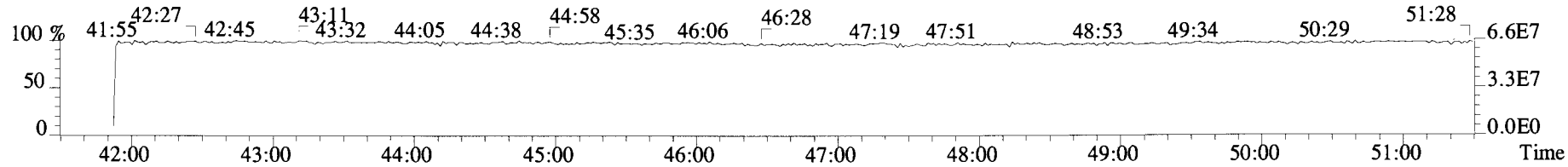
371.8817 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15668.0,0.00%,F,F)



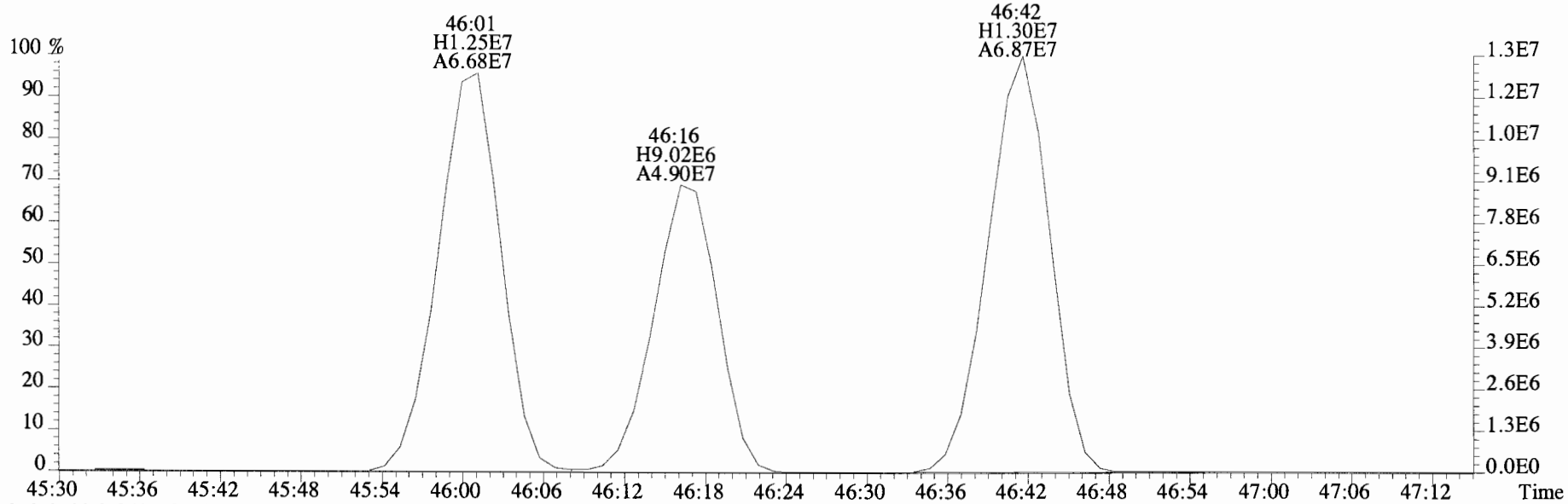
373.8788 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12352.0,0.00%,F,F)



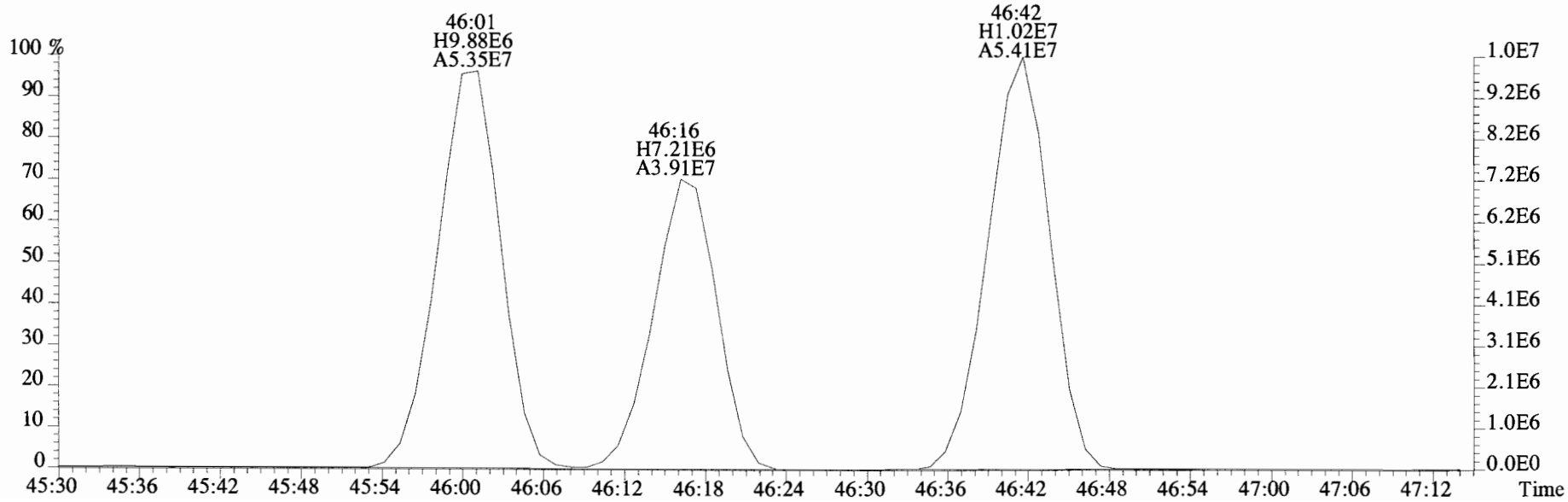
380.9760 S:8 F:4



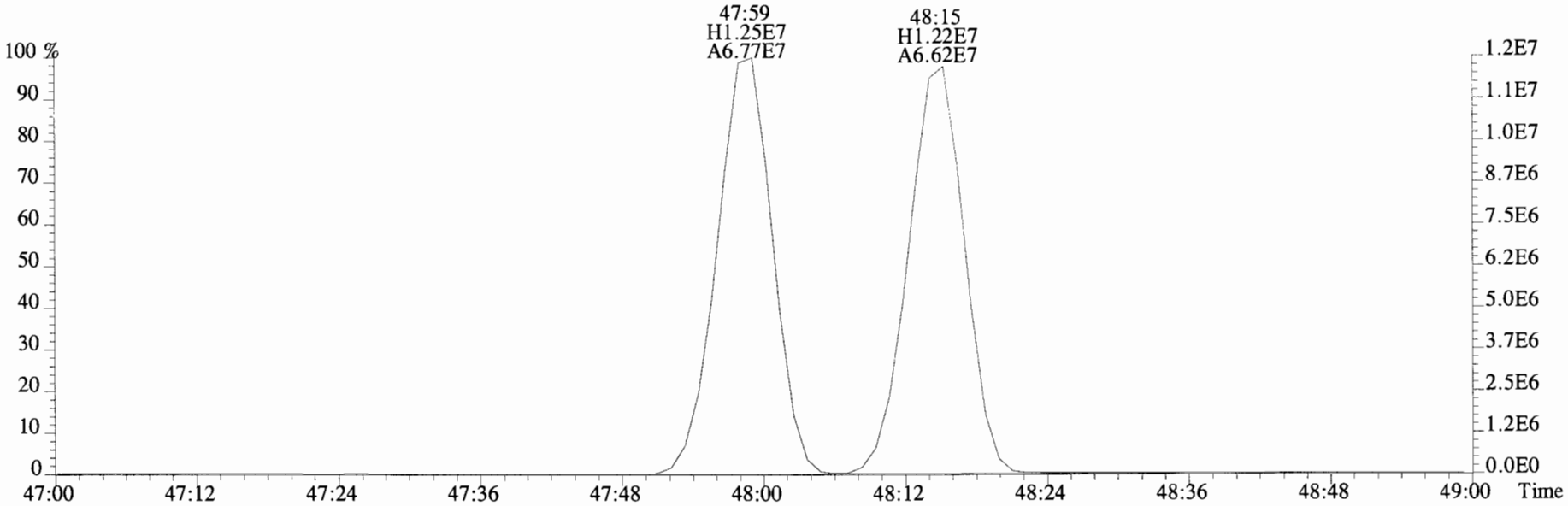
File:180208E1 #1-574 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
371.8817 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15668.0,0.00%,F,F)



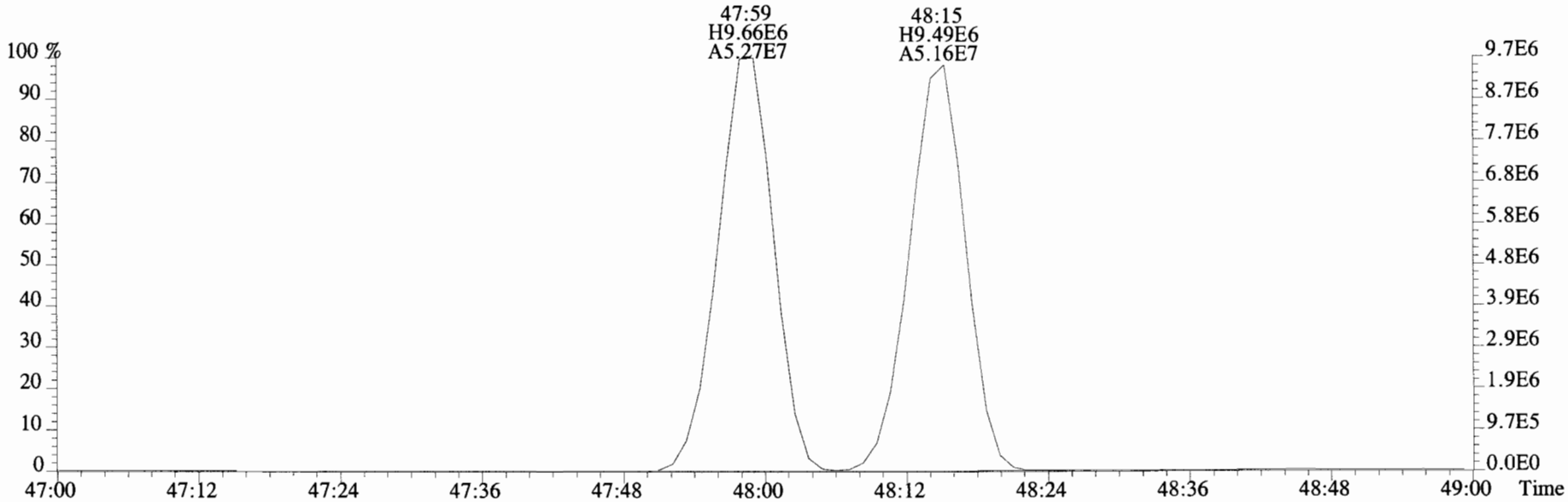
373.8788 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12352.0,0.00%,F,F)



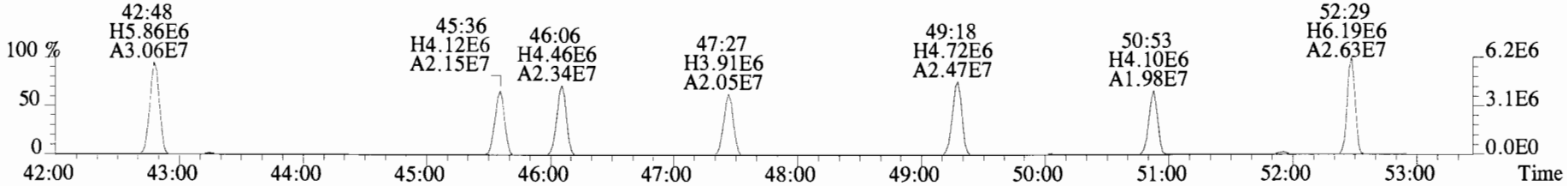
File:180208E1 #1-574 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
371.8817 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15668.0,0.00%,F,F)



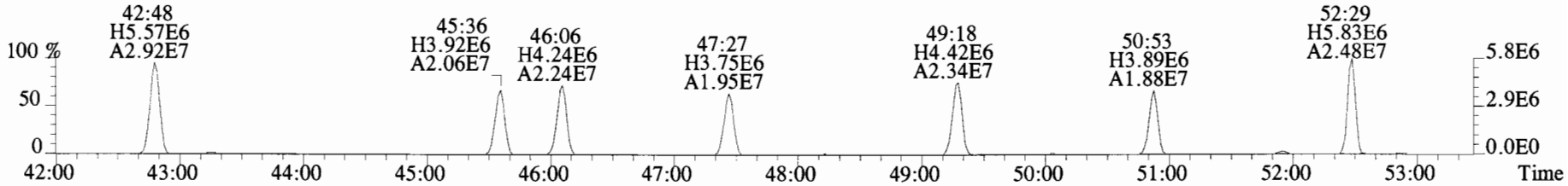
373.8788 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12352.0,0.00%,F,F)



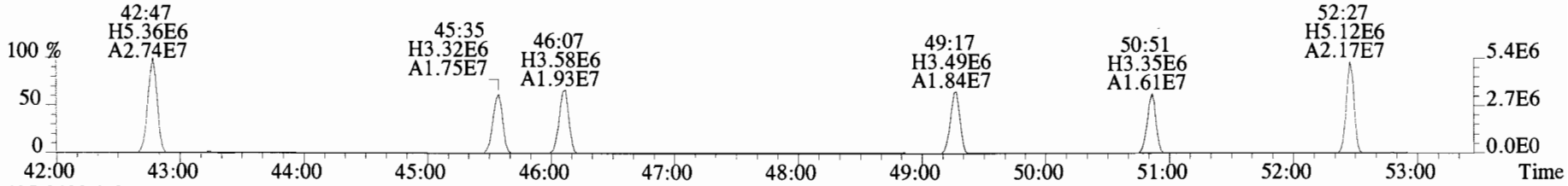
File:180208E1 #1-574 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
393.8025 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4876.0,0.00%,F,F)



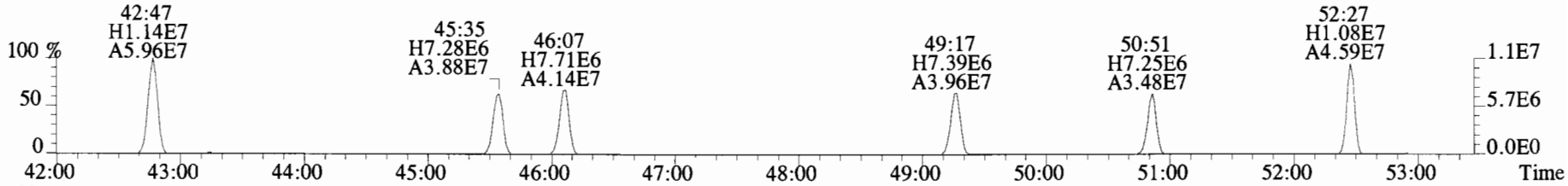
395.7995 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4536.0,0.00%,F,F)



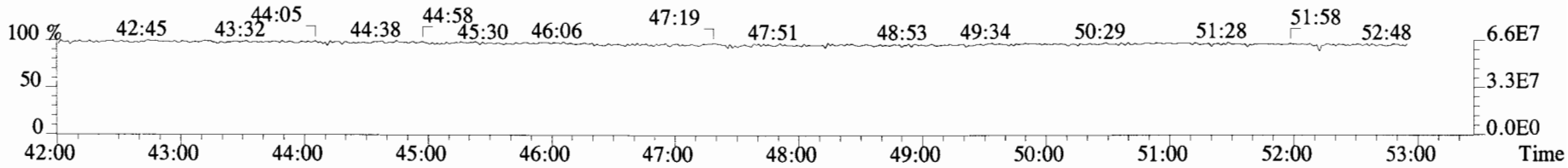
403.8457 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4184.0,0.00%,F,F)



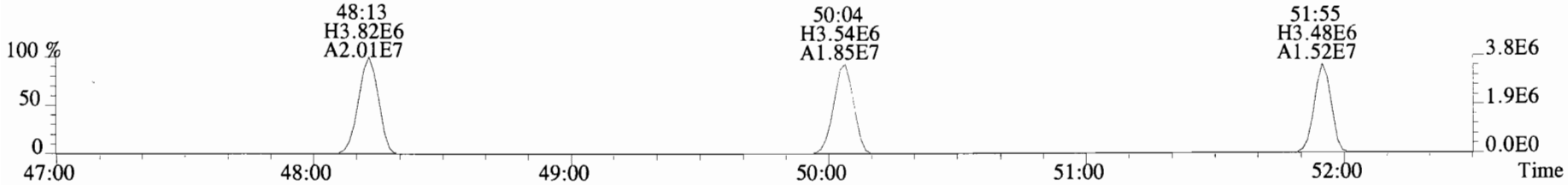
405.8428 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9460.0,0.00%,F,F)



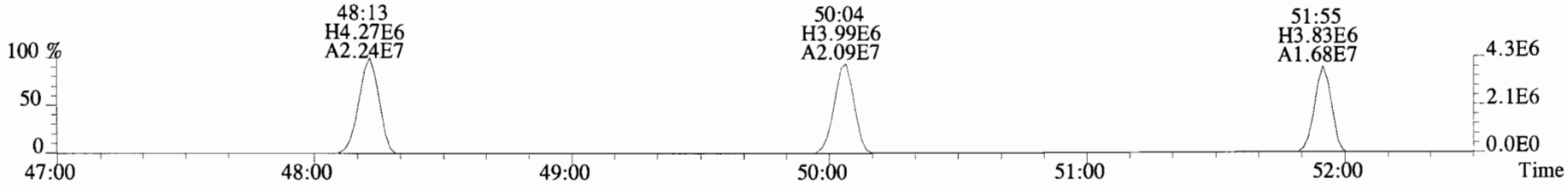
380.9760 S:8 F:4



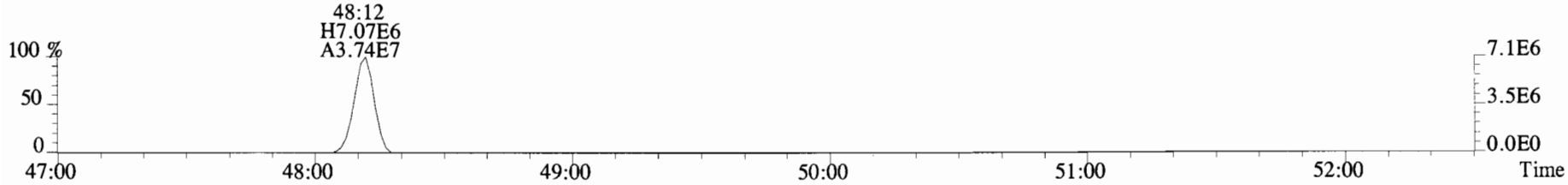
File:180208E1 #1-574 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
427.7635 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1952.0,0.00%,F,F)



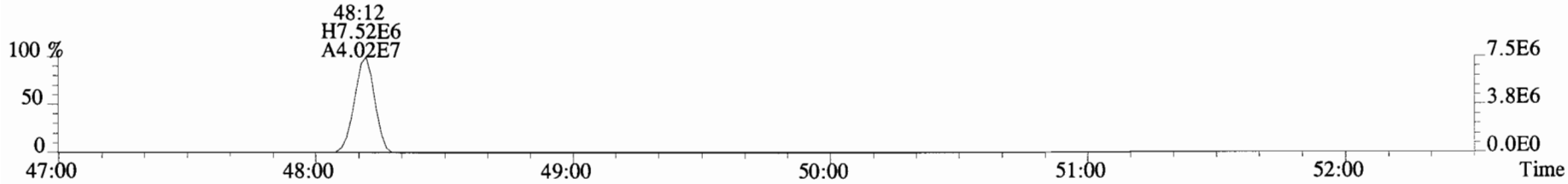
429.7606 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2144.0,0.00%,F,F)



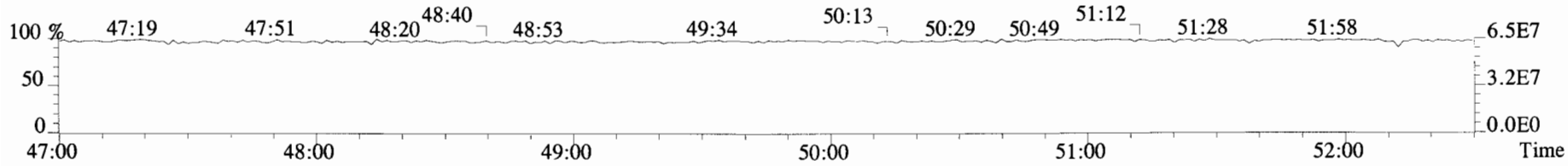
439.8038 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1928.0,0.00%,F,F)



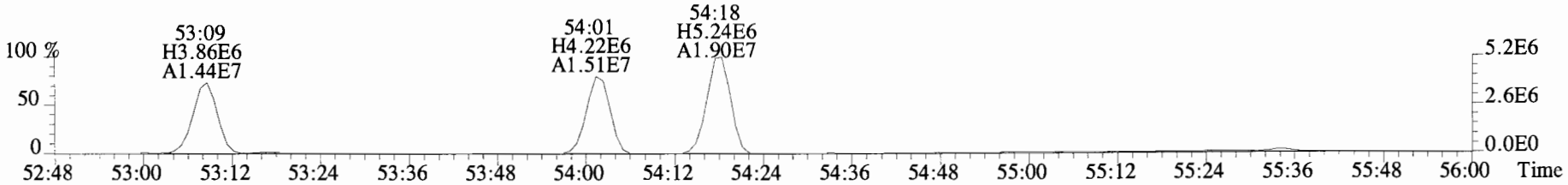
441.8008 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2652.0,0.00%,F,F)



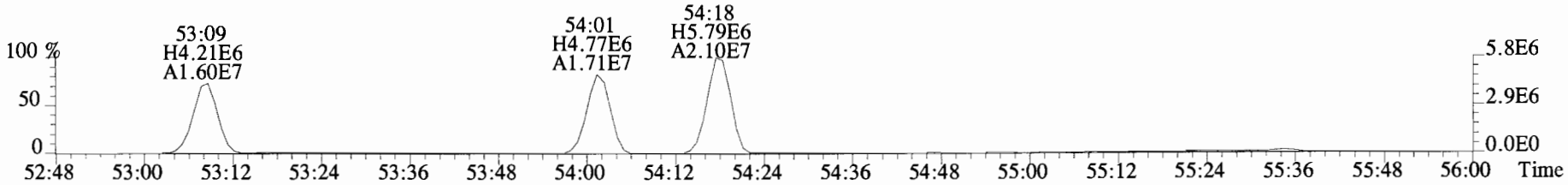
380.9760 S:8 F:4



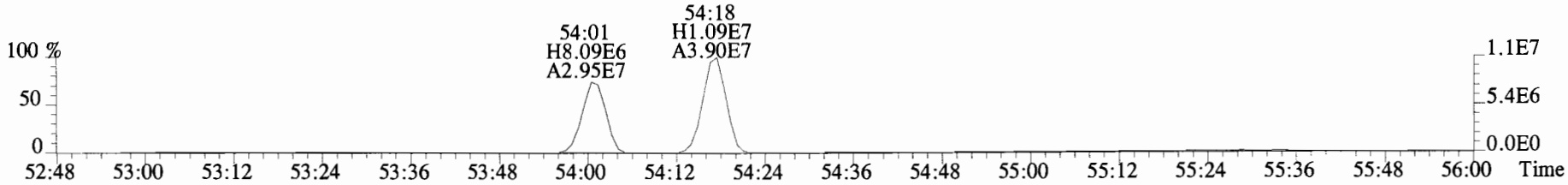
File:180208E1 #1-407 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
427.7635 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3512.0,0.00%,F,F)



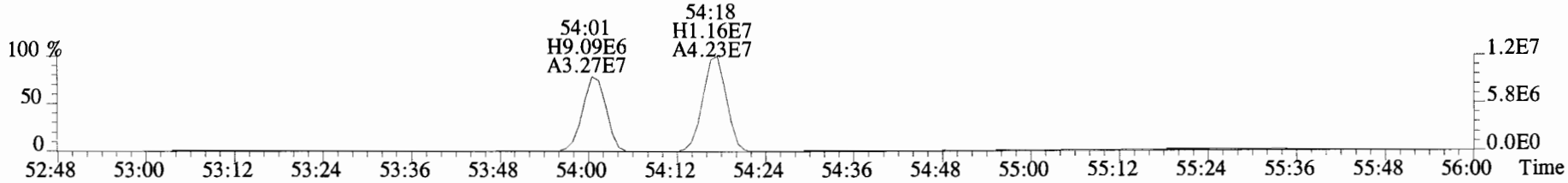
429.7606 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4544.0,0.00%,F,F)



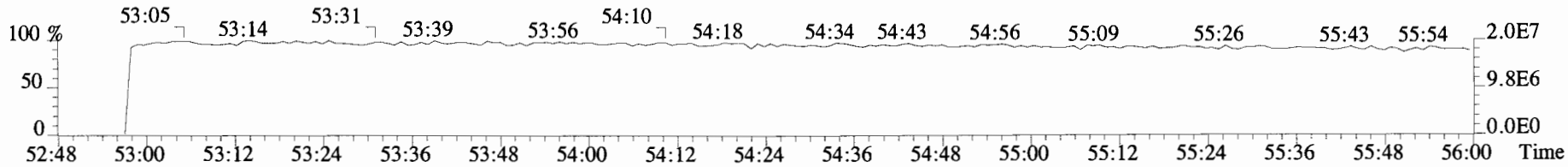
439.8038 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6132.0,0.00%,F,F)



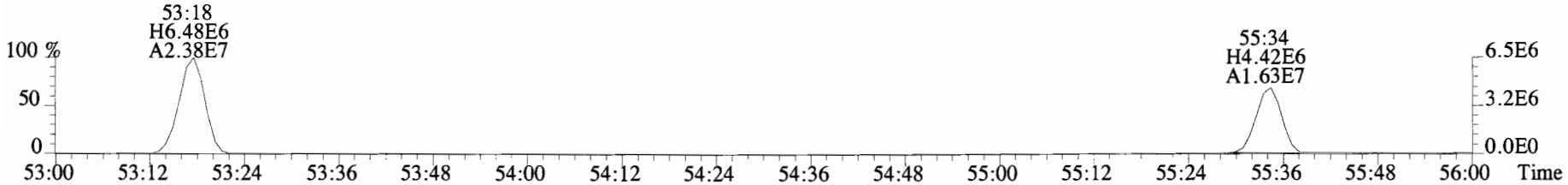
441.8008 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7204.0,0.00%,F,F)



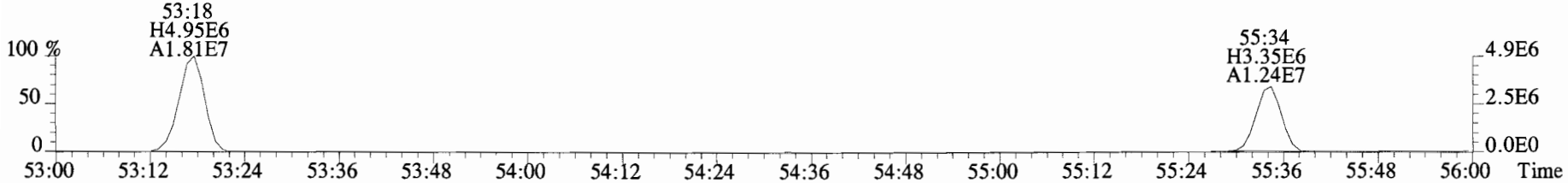
492.9697 S:8 F:5



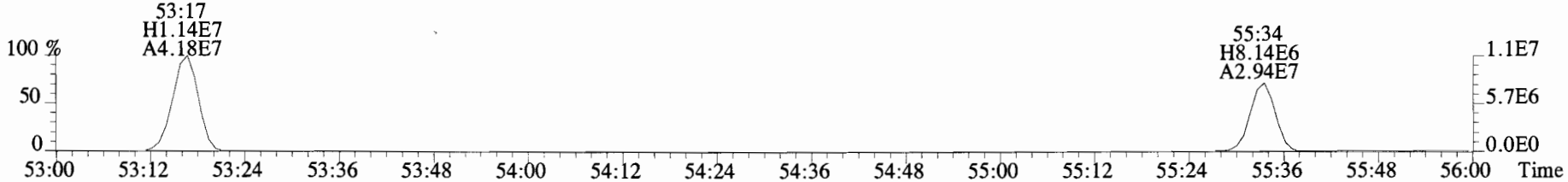
File:180208E1 #1-407 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
463.7216 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14504.0,0.00%,F,F)



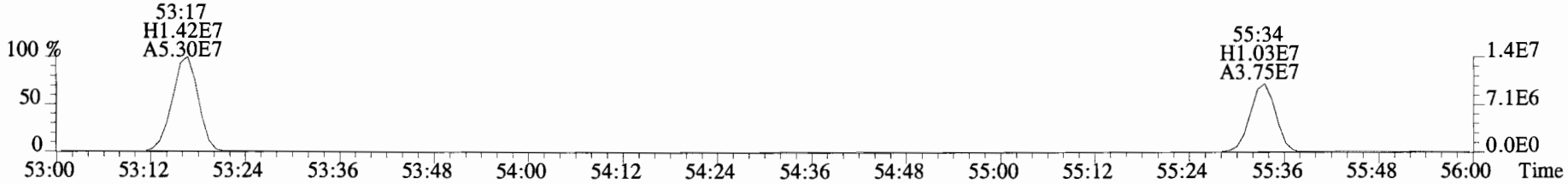
465.7186 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10256.0,0.00%,F,F)



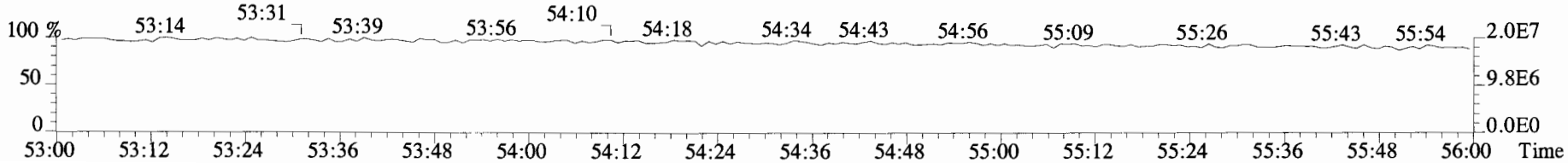
473.7648 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22068.0,0.00%,F,F)



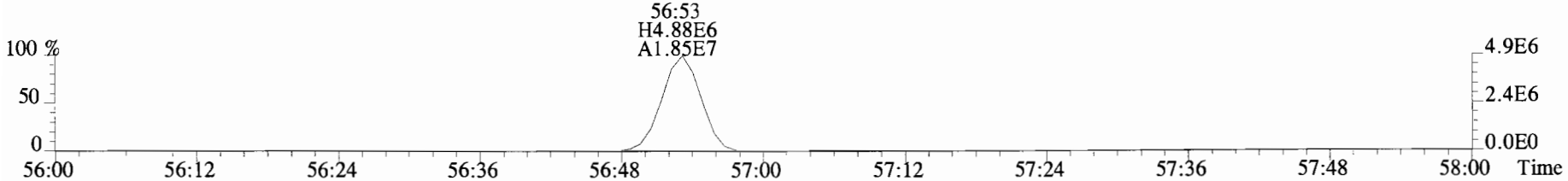
475.7619 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29456.0,0.00%,F,F)



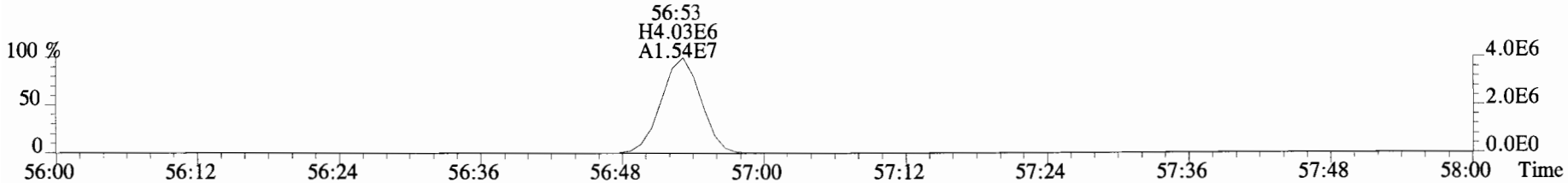
492.9697 S:8 F:5



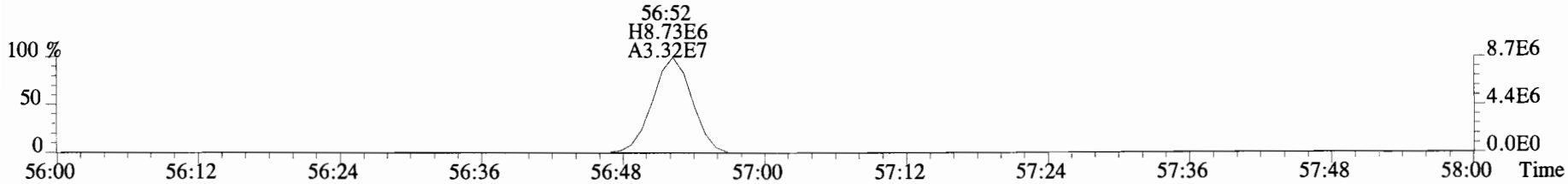
File:180208E1 #1-407 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
497.6826 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2112.0,0.00%,F,F)



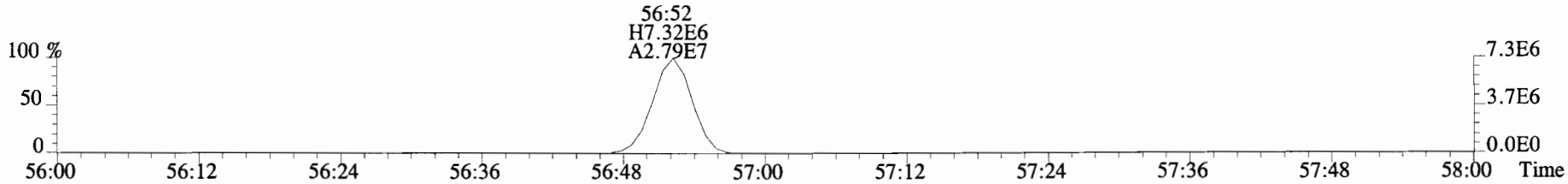
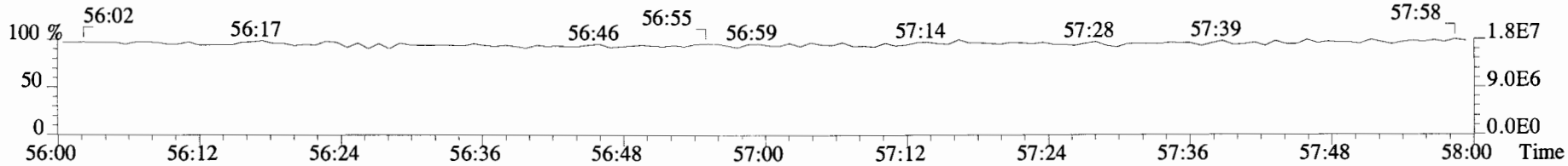
499.6797 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2128.0,0.00%,F,F)



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