

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091019\
 Data File : FE030412.D
 Signal(s) : FID1B.CH
 Acq On : 11 Sep 2019 00:51
 Sample : K4759-10
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\C44-FE090819.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.521	2.515	2.550	PV	100	1652	0.06%	0.004%
2	2.565	2.550	2.609	PV	880	8642	0.30%	0.019%
3	2.649	2.609	2.732	VV	480	19011	0.65%	0.042%
4	2.738	2.732	2.815	VV	315	8287	0.28%	0.018%
5	2.826	2.815	2.938	VV	250	12252	0.42%	0.027%
6	2.960	2.938	2.989	PV	250	5433	0.19%	0.012%
7	2.999	2.989	3.042	VV	215	4480	0.15%	0.010%
8	3.058	3.042	3.072	VV	204	2587	0.09%	0.006%
9	3.081	3.072	3.093	VV	201	1874	0.06%	0.004%
10	3.111	3.093	3.139	VV	207	3285	0.11%	0.007%
11	3.149	3.139	3.189	VV	183	2820	0.10%	0.006%
12	3.210	3.189	3.229	VV	227	3645	0.13%	0.008%
13	3.238	3.229	3.249	VV	211	1505	0.05%	0.003%
14	3.262	3.249	3.314	VV	190	4059	0.14%	0.009%
15	3.339	3.314	3.362	PV	210	3359	0.12%	0.007%
16	3.370	3.362	3.395	VV	115	1770	0.06%	0.004%
17	3.407	3.395	3.429	VV	111	1579	0.05%	0.003%
18	3.442	3.429	3.455	PV	135	1253	0.04%	0.003%
19	3.460	3.455	3.513	VV	111	2292	0.08%	0.005%
20	3.553	3.513	3.570	VV	195	3367	0.12%	0.007%
21	3.588	3.570	3.637	VV	123	2158	0.07%	0.005%
22	3.652	3.637	3.665	VV	118	1733	0.06%	0.004%
23	3.668	3.665	3.680	VV	134	614	0.02%	0.001%
24	3.690	3.680	3.708	VV	99	876	0.03%	0.002%
25	3.751	3.708	3.775	PV	247	5048	0.17%	0.011%
26	3.780	3.775	3.805	VV	239	2257	0.08%	0.005%
27	3.811	3.805	3.820	VV	103	929	0.03%	0.002%
28	3.839	3.820	3.849	VV	174	1440	0.05%	0.003%
29	3.877	3.849	3.919	PV	204	3746	0.13%	0.008%
30	3.932	3.919	3.979	PV	142	3526	0.12%	0.008%
31	4.021	3.979	4.041	VV	194	3669	0.13%	0.008%
32	4.050	4.041	4.148	VV	208	6131	0.21%	0.013%
33	4.163	4.148	4.179	VV	151	1999	0.07%	0.004%
34	4.195	4.179	4.269	VV	213	4902	0.17%	0.011%
35	4.282	4.269	4.292	VV	140	1676	0.06%	0.004%
36	4.336	4.292	4.358	VV	305	7911	0.27%	0.017%

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37	4.369	4.358	4.385	VV	352	4316	0.15%	0.009%
38	4.401	4.385	4.455	VV	541	11150	0.38%	0.024%
39	4.465	4.455	4.519	VV	275	7154	0.25%	0.016%
40	4.626	4.519	4.636	VV	1700	80296	2.76%	0.176%
41	4.645	4.636	4.685	VV	1715	49706	1.71%	0.109%
42	4.691	4.685	4.852	VV	1667	146131	5.02%	0.321%
43	4.876	4.852	5.002	VV	1378	109466	3.76%	0.240%
44	5.006	5.002	5.020	VV	1115	11478	0.39%	0.025%
45	5.027	5.020	5.175	VV	1059	81902	2.81%	0.180%
46	5.179	5.175	5.216	VV	790	16117	0.55%	0.035%
47	5.234	5.216	5.261	VV	600	15479	0.53%	0.034%
48	5.272	5.261	5.322	VV	578	19224	0.66%	0.042%
49	5.332	5.322	5.346	VV	543	7004	0.24%	0.015%
50	5.359	5.346	5.505	VV	460	34746	1.19%	0.076%
51	5.516	5.505	5.540	VV	333	5904	0.20%	0.013%
52	5.546	5.540	5.599	VV	321	8493	0.29%	0.019%
53	5.642	5.599	5.686	VV	287	10707	0.37%	0.023%
54	5.699	5.686	5.716	VV	212	2741	0.09%	0.006%
55	5.732	5.716	5.810	VV	268	10009	0.34%	0.022%
56	5.822	5.810	5.832	VV	200	2145	0.07%	0.005%
57	5.856	5.832	5.877	VV	212	3987	0.14%	0.009%
58	5.882	5.877	5.890	VV	153	879	0.03%	0.002%
59	5.950	5.890	5.992	VV	397	10927	0.38%	0.024%
60	6.026	5.992	6.094	VV	4023	52594	1.81%	0.115%
61	6.106	6.094	6.148	VV	439	11240	0.39%	0.025%
62	6.157	6.148	6.165	VV	332	3609	0.12%	0.008%
63	6.173	6.165	6.186	VV	390	4572	0.16%	0.010%
64	6.193	6.186	6.279	VV	391	17715	0.61%	0.039%
65	6.285	6.279	6.293	VV	290	1900	0.07%	0.004%
66	6.356	6.293	6.366	VV	347	11724	0.40%	0.026%
67	6.421	6.366	6.451	VV	447	17176	0.59%	0.038%
68	6.467	6.451	6.475	VV	439	6015	0.21%	0.013%
69	6.498	6.475	6.515	VV	496	10418	0.36%	0.023%
70	6.532	6.515	6.566	VV	443	11522	0.40%	0.025%
71	6.576	6.566	6.626	VV	380	10466	0.36%	0.023%
72	6.662	6.626	6.673	VV	328	7553	0.26%	0.017%
73	6.683	6.673	6.745	VV	219	9280	0.32%	0.020%
74	6.781	6.745	6.835	VV	305	12699	0.44%	0.028%
75	6.856	6.835	6.869	VV	340	5324	0.18%	0.012%
76	6.896	6.869	6.936	VV	308	9705	0.33%	0.021%
77	6.961	6.936	7.023	VV	547	17084	0.59%	0.037%
78	7.032	7.023	7.044	VV	294	2958	0.10%	0.006%
79	7.056	7.044	7.068	VV	265	3044	0.10%	0.007%
80	7.079	7.068	7.122	VV	262	5383	0.18%	0.012%
81	7.128	7.122	7.139	VV	153	1351	0.05%	0.003%
82	7.160	7.139	7.164	VV	128	1580	0.05%	0.003%
83	7.176	7.164	7.205	VV	241	3937	0.14%	0.009%
84	7.223	7.205	7.280	VV	205	5373	0.18%	0.012%
85	7.293	7.280	7.321	VV	148	1390	0.05%	0.003%
86	7.330	7.321	7.391	PV	152	2907	0.10%	0.006%
87	7.415	7.391	7.451	PV	169	3883	0.13%	0.009%
88	7.463	7.451	7.502	VV	222	3651	0.13%	0.008%
89	7.544	7.502	7.556	VV	216	5477	0.19%	0.012%

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90	7.640	7.556	7.679	VV	575	20200	0.69%	0.044%
91	7.704	7.679	7.742	VV	282	7016	0.24%	0.015%
92	7.798	7.742	7.838	VV	343	14019	0.48%	0.031%
93	7.846	7.838	7.861	VV	235	2778	0.10%	0.006%
94	7.871	7.861	7.899	VV	202	3340	0.11%	0.007%
95	7.927	7.899	7.969	VV	278	7266	0.25%	0.016%
96	7.984	7.969	8.026	VV	197	4008	0.14%	0.009%
97	8.040	8.026	8.072	VV	169	2531	0.09%	0.006%
98	8.150	8.072	8.236	PV	1715	65355	2.24%	0.143%
99	8.245	8.236	8.274	VV	423	7426	0.26%	0.016%
100	8.303	8.274	8.535	VV	12272	1022653	35.12%	2.244%
101	8.548	8.535	8.638	VV	3028	147864	5.08%	0.324%
102	8.650	8.638	8.702	VV	2009	64209	2.21%	0.141%
103	8.708	8.702	8.872	VV	1371	99698	3.42%	0.219%
104	8.885	8.872	8.923	VV	933	23741	0.82%	0.052%
105	8.933	8.923	8.952	VV	736	11516	0.40%	0.025%
106	8.972	8.952	9.065	VV	1156	49606	1.70%	0.109%
107	9.079	9.065	9.115	VV	551	13853	0.48%	0.030%
108	9.180	9.115	9.202	VV	596	24678	0.85%	0.054%
109	9.227	9.202	9.272	VV	626	21050	0.72%	0.046%
110	9.281	9.272	9.307	VV	525	10199	0.35%	0.022%
111	9.333	9.307	9.354	VV	715	16756	0.58%	0.037%
112	9.380	9.354	9.409	VV	759	20899	0.72%	0.046%
113	9.412	9.409	9.423	VV	598	4139	0.14%	0.009%
114	9.460	9.423	9.495	VV	653	20633	0.71%	0.045%
115	9.515	9.495	9.531	VV	517	9659	0.33%	0.021%
116	9.554	9.531	9.606	VV	523	14456	0.50%	0.032%
117	9.637	9.606	9.651	VV	278	5755	0.20%	0.013%
118	9.682	9.651	9.711	VV	555	14481	0.50%	0.032%
119	9.734	9.711	9.780	VV	1802	44075	1.51%	0.097%
120	9.789	9.780	9.874	VV	729	33764	1.16%	0.074%
121	9.883	9.874	9.899	VV	543	7035	0.24%	0.015%
122	9.925	9.899	9.982	VV	620	27368	0.94%	0.060%
123	9.994	9.982	10.022	VV	542	12107	0.42%	0.027%
124	10.032	10.022	10.040	VV	439	4262	0.15%	0.009%
125	10.107	10.040	10.149	VV	1472	57135	1.96%	0.125%
126	10.159	10.149	10.178	VV	834	13630	0.47%	0.030%
127	10.202	10.178	10.220	VV	873	19858	0.68%	0.044%
128	10.251	10.220	10.288	VV	951	30880	1.06%	0.068%
129	10.307	10.288	10.336	VV	758	17528	0.60%	0.038%
130	10.408	10.336	10.432	VV	829	37070	1.27%	0.081%
131	10.468	10.432	10.495	VV	1524	40591	1.39%	0.089%
132	10.512	10.495	10.537	VV	2213	40177	1.38%	0.088%
133	10.558	10.537	10.617	VV	3378	66371	2.28%	0.146%
134	10.632	10.617	10.651	VV	680	12952	0.44%	0.028%
135	10.668	10.651	10.697	VV	714	16702	0.57%	0.037%
136	10.738	10.697	10.756	VV	1289	28040	0.96%	0.062%
137	10.787	10.756	10.814	VV	1026	27821	0.96%	0.061%
138	10.832	10.814	10.843	VV	1219	16808	0.58%	0.037%
139	10.848	10.843	10.900	VV	1041	26969	0.93%	0.059%
140	10.920	10.900	10.948	VV	943	20423	0.70%	0.045%
141	10.969	10.948	11.002	VV	859	22573	0.78%	0.050%

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142	11.008	11.002	11.035	VV	627	10882	0.37%	0.024%
143	11.064	11.035	11.079	VV	658	14486	0.50%	0.032%
144	11.107	11.079	11.123	VV	792	17633	0.61%	0.039%
145	11.164	11.123	11.209	VV	2009	59485	2.04%	0.130%
146	11.233	11.209	11.294	VV	1730	54904	1.89%	0.120%
147	11.314	11.294	11.362	VV	1068	26395	0.91%	0.058%
148	11.394	11.362	11.431	VV	868	27730	0.95%	0.061%
149	11.452	11.431	11.472	VV	868	17643	0.61%	0.039%
150	11.478	11.472	11.499	VV	697	9230	0.32%	0.020%
151	11.550	11.499	11.574	VV	848	28670	0.98%	0.063%
152	11.589	11.574	11.624	VV	684	17162	0.59%	0.038%
153	11.666	11.624	11.769	VV	2304	125298	4.30%	0.275%
154	11.790	11.769	11.804	VV	1393	25501	0.88%	0.056%
155	11.823	11.804	11.872	VV	2437	56185	1.93%	0.123%
156	11.929	11.872	11.995	VV	946	57033	1.96%	0.125%
157	12.032	11.995	12.059	VV	843	27218	0.93%	0.060%
158	12.119	12.059	12.350	VV	54214	1670489	57.37%	3.665%
159	12.358	12.350	12.419	VV	3027	109315	3.75%	0.240%
160	12.451	12.419	12.507	VV	5338	147285	5.06%	0.323%
161	12.533	12.507	12.585	VV	3004	94638	3.25%	0.208%
162	12.593	12.585	12.658	VV	1632	58755	2.02%	0.129%
163	12.674	12.658	12.685	VV	1293	19169	0.66%	0.042%
164	12.708	12.685	12.759	VV	1736	63396	2.18%	0.139%
165	12.773	12.759	12.799	VV	1743	36049	1.24%	0.079%
166	12.814	12.799	12.833	VV	1495	28512	0.98%	0.063%
167	12.925	12.833	12.955	VV	2742	159283	5.47%	0.349%
168	12.973	12.955	13.042	VV	4616	134169	4.61%	0.294%
169	13.064	13.042	13.112	VV	6637	118879	4.08%	0.261%
170	13.129	13.112	13.149	VV	1597	31766	1.09%	0.070%
171	13.158	13.149	13.175	VV	1277	19159	0.66%	0.042%
172	13.212	13.175	13.234	VV	3292	89378	3.07%	0.196%
173	13.262	13.234	13.282	VV	3444	93674	3.22%	0.206%
174	13.299	13.282	13.341	VV	3663	107144	3.68%	0.235%
175	13.366	13.341	13.430	VV	8312	312810	10.74%	0.686%
176	13.443	13.430	13.475	VV	4858	113611	3.90%	0.249%
177	13.481	13.475	13.591	VV	3528	184224	6.33%	0.404%
178	13.619	13.591	13.631	VV	9871	137950	4.74%	0.303%
179	13.645	13.631	13.696	VV	11810	194443	6.68%	0.427%
180	13.701	13.696	13.814	VV	2010	102957	3.54%	0.226%
181	13.828	13.814	13.839	VV	1143	16715	0.57%	0.037%
182	13.872	13.839	13.899	VV	1469	46635	1.60%	0.102%
183	13.912	13.899	13.927	VV	1207	19444	0.67%	0.043%
184	13.944	13.927	13.965	VV	1239	25951	0.89%	0.057%
185	13.982	13.965	13.993	VV	1235	19288	0.66%	0.042%
186	14.011	13.993	14.043	VV	1667	37054	1.27%	0.081%
187	14.081	14.043	14.173	VV	5603	193695	6.65%	0.425%
188	14.210	14.173	14.252	VV	14021	185194	6.36%	0.406%
189	14.283	14.252	14.343	VV	1470	51486	1.77%	0.113%
190	14.361	14.343	14.381	VV	1048	18793	0.65%	0.041%
191	14.423	14.381	14.507	VV	2394	124512	4.28%	0.273%
192	14.543	14.507	14.590	VV	245819	2911948	100.00%	6.388%
193	14.603	14.590	14.615	VV	2629	35455	1.22%	0.078%
194	14.632	14.615	14.701	VV	3231	88877	3.05%	0.195%

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195	14.747	14.701	14.794	VV	22694	310750	10.67%	0.682%
196	14.822	14.794	14.879	VV	1715	33674	1.16%	0.074%
197	14.886	14.879	14.919	VV	276	3230	0.11%	0.007%
198	14.946	14.919	14.970	VV	344	5676	0.19%	0.012%
199	14.993	14.970	15.010	VV	203	3049	0.10%	0.007%
200	15.020	15.010	15.038	VV	144	1537	0.05%	0.003%
201	15.082	15.038	15.106	PV	2072	29982	1.03%	0.066%
202	15.135	15.106	15.241	VV	167015	2675329	91.87%	5.869%
203	15.267	15.241	15.321	VV	30414	416565	14.31%	0.914%
204	15.337	15.321	15.432	VV	4815	95823	3.29%	0.210%
205	15.449	15.432	15.470	VV	559	8901	0.31%	0.020%
206	15.588	15.470	15.612	VV	2954	78453	2.69%	0.172%
207	15.675	15.612	15.739	VV	3963	144574	4.96%	0.317%
208	15.766	15.739	15.839	VV	39468	471751	16.20%	1.035%
209	15.856	15.839	15.916	VV	968	28473	0.98%	0.062%
210	15.944	15.916	15.969	VV	671	15680	0.54%	0.034%
211	16.076	15.969	16.099	VV	3372	102032	3.50%	0.224%
212	16.162	16.099	16.225	VV	12362	338648	11.63%	0.743%
213	16.248	16.225	16.312	VV	40362	517316	17.77%	1.135%
214	16.343	16.312	16.392	VV	1627	60451	2.08%	0.133%
215	16.409	16.392	16.435	VV	1039	22341	0.77%	0.049%
216	16.492	16.435	16.508	VV	1779	56882	1.95%	0.125%
217	16.548	16.508	16.565	VV	3626	78576	2.70%	0.172%
218	16.595	16.565	16.616	VV	4797	94997	3.26%	0.208%
219	16.635	16.616	16.665	VV	3651	79455	2.73%	0.174%
220	16.714	16.665	16.789	VV	44422	680637	23.37%	1.493%
221	16.813	16.789	16.857	VV	2221	75917	2.61%	0.167%
222	16.951	16.857	16.968	VV	2153	115377	3.96%	0.253%
223	17.003	16.968	17.025	VV	3646	78369	2.69%	0.172%
224	17.050	17.025	17.072	VV	3555	60118	2.06%	0.132%
225	17.101	17.072	17.134	VV	7559	153143	5.26%	0.336%
226	17.165	17.134	17.245	VV	47449	650594	22.34%	1.427%
227	17.267	17.245	17.305	VV	2236	69280	2.38%	0.152%
228	17.335	17.305	17.359	VV	1836	57359	1.97%	0.126%
229	17.370	17.359	17.407	VV	2140	51559	1.77%	0.113%
230	17.445	17.407	17.470	VV	3647	86766	2.98%	0.190%
231	17.492	17.470	17.519	VV	3132	60025	2.06%	0.132%
232	17.601	17.519	17.639	VV	42810	661336	22.71%	1.451%
233	17.666	17.639	17.682	VV	3182	69466	2.39%	0.152%
234	17.705	17.682	17.835	VV	4511	258386	8.87%	0.567%
235	17.860	17.835	17.898	VV	5062	143011	4.91%	0.314%
236	17.969	17.898	18.002	VV	67754	1237776	42.51%	2.715%
237	18.024	18.002	18.119	VV	41092	795424	27.32%	1.745%
238	18.145	18.119	18.255	VV	5299	278716	9.57%	0.611%
239	18.287	18.255	18.310	VV	3753	98530	3.38%	0.216%
240	18.333	18.310	18.364	VV	3388	87142	2.99%	0.191%
241	18.430	18.364	18.512	VV	28482	659728	22.66%	1.447%
242	18.545	18.512	18.569	VV	4429	132652	4.56%	0.291%
243	18.592	18.569	18.662	VV	6137	257356	8.84%	0.565%
244	18.689	18.662	18.712	VV	3645	98631	3.39%	0.216%
245	18.811	18.712	18.965	VV	40264	1873771	64.35%	4.111%
246	18.991	18.965	19.008	VV	4981	122928	4.22%	0.270%

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247	19.041	19.008	19.109	VV	12678	382429	13.13%	0.839%
248	19.129	19.109	19.162	VV	4204	126701	4.35%	0.278%
249	19.214	19.162	19.292	VV	9304	399537	13.72%	0.877%
250	19.335	19.292	19.395	VV	10589	466482	16.02%	1.023%
251	19.412	19.395	19.445	VV	6685	184717	6.34%	0.405%
252	19.473	19.445	19.547	VV	7127	375559	12.90%	0.824%
253	19.589	19.547	19.717	VV	15450	746932	25.65%	1.639%
254	19.744	19.717	19.775	VV	6007	200381	6.88%	0.440%
255	19.844	19.775	19.905	VV	14719	581455	19.97%	1.276%
256	19.958	19.905	19.983	VV	9188	334046	11.47%	0.733%
257	20.003	19.983	20.082	VV	7266	386899	13.29%	0.849%
258	20.126	20.082	20.179	VV	37877	763770	26.23%	1.676%
259	20.214	20.179	20.242	VV	7918	270525	9.29%	0.593%
260	20.316	20.242	20.389	VV	10681	761789	26.16%	1.671%
261	20.414	20.389	20.445	VV	8350	271509	9.32%	0.596%
262	20.469	20.445	20.555	VV	8719	487845	16.75%	1.070%
263	20.619	20.555	20.645	VV	8053	389808	13.39%	0.855%
264	20.672	20.645	20.714	VV	8695	316306	10.86%	0.694%
265	20.743	20.714	20.769	VV	7256	229504	7.88%	0.503%
266	20.785	20.769	20.845	VV	7040	316136	10.86%	0.694%
267	20.871	20.845	20.895	VV	6809	201822	6.93%	0.443%
268	20.919	20.895	20.949	VV	6741	214246	7.36%	0.470%
269	20.977	20.949	21.032	VV	8041	356726	12.25%	0.783%
270	21.070	21.032	21.275	VV	8444	1002079	34.41%	2.198%
271	21.298	21.275	21.482	VV	6803	787380	27.04%	1.727%
272	21.517	21.482	21.537	VV	7311	227375	7.81%	0.499%
273	21.558	21.537	21.622	VV	7321	332306	11.41%	0.729%
274	21.664	21.622	21.709	VV	6008	308168	10.58%	0.676%
275	21.723	21.709	21.749	VV	5894	140975	4.84%	0.309%
276	21.766	21.749	21.830	VV	5894	284207	9.76%	0.624%
277	21.851	21.830	21.892	VV	5840	213176	7.32%	0.468%
278	22.025	21.892	22.072	VV	6514	641713	22.04%	1.408%
279	22.100	22.072	22.160	VV	5872	304354	10.45%	0.668%
280	22.252	22.160	22.355	VV	6776	689841	23.69%	1.513%
281	22.403	22.355	22.432	VV	5571	254004	8.72%	0.557%
282	22.443	22.432	22.455	VV	5546	76961	2.64%	0.169%
283	22.470	22.455	22.555	VV	5484	325179	11.17%	0.713%
284	22.606	22.555	22.676	VV	6121	405582	13.93%	0.890%
285	22.705	22.676	22.755	VV	5323	247586	8.50%	0.543%
286	22.773	22.755	22.794	VV	5297	120853	4.15%	0.265%
287	22.816	22.794	22.844	VV	5317	156940	5.39%	0.344%
288	22.881	22.844	22.902	VV	5206	178794	6.14%	0.392%
289	22.924	22.902	22.949	VV	5237	143416	4.93%	0.315%
290	22.976	22.949	23.029	VV	5100	242879	8.34%	0.533%
291	23.082	23.029	23.148	VV	5893	386781	13.28%	0.849%
292	23.166	23.148	23.185	VV	4975	111870	3.84%	0.245%
293	23.271	23.185	23.342	VV	5523	480019	16.48%	1.053%
294	23.361	23.342	23.435	VV	4943	272123	9.35%	0.597%
295	23.447	23.435	23.507	VV	4805	204296	7.02%	0.448%
296	23.536	23.507	23.564	VV	4735	161383	5.54%	0.354%
297	23.626	23.564	23.645	VV	4726	228158	7.84%	0.501%
298	23.674	23.645	23.715	VV	4624	193663	6.65%	0.425%
299	23.749	23.715	23.913	VV	4605	529812	18.19%	1.162%

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300	23.929	23.913	23.950	VV	4373	98059	3.37%	0.215%	
301	23.966	23.950	23.992	VV	4415	107851	3.70%	0.237%	
302	24.072	23.992	24.202	VBA	5055	586596	20.14%	1.287%	
						Sum of corrected areas:		45582387	

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