

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012723\
 Data File : FG011332.D
 Signal(s) : FID1A.ch
 Acq On : 27 Jan 2023 20:21
 Sample : 01318-01 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG123022.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.472	4.459	4.478	PH	119	578	0.03%	0.001%
2	4.498	4.478	4.513	HH	209	2339	0.13%	0.005%
3	4.543	4.513	4.566	PH	157	2723	0.15%	0.005%
4	4.598	4.566	4.627	PH	2290	25191	1.39%	0.050%
5	4.638	4.627	4.653	HH	265	2316	0.13%	0.005%
6	4.672	4.653	4.702	HH	233	4120	0.23%	0.008%
7	4.714	4.702	4.735	HH	131	1686	0.09%	0.003%
8	4.773	4.735	4.796	PH	318	6284	0.35%	0.012%
9	4.813	4.796	4.864	HH	343	9304	0.51%	0.018%
10	4.882	4.864	4.898	HH	718	8233	0.45%	0.016%
11	4.908	4.898	4.929	HH	376	4496	0.25%	0.009%
12	4.942	4.929	4.952	HH	285	3066	0.17%	0.006%
13	4.964	4.952	4.992	HH	383	5818	0.32%	0.012%
14	5.007	4.992	5.032	HH	310	4605	0.25%	0.009%
15	5.045	5.032	5.054	HH	314	3399	0.19%	0.007%
16	5.060	5.054	5.083	HH	294	3092	0.17%	0.006%
17	5.115	5.083	5.145	HH	488	8722	0.48%	0.017%
18	5.150	5.145	5.155	HH	68	318	0.02%	0.001%
19	5.182	5.155	5.198	HH	231	3588	0.20%	0.007%
20	5.215	5.198	5.242	HH	281	3782	0.21%	0.007%
21	5.244	5.242	5.248	HH	103	229	0.01%	0.000%
22	5.276	5.248	5.290	HH	296	4543	0.25%	0.009%
23	5.307	5.290	5.332	HH	407	5655	0.31%	0.011%
24	5.355	5.332	5.372	HH	458	6097	0.34%	0.012%
25	5.387	5.372	5.399	HH	324	3738	0.21%	0.007%
26	5.415	5.399	5.462	HH	812	11745	0.65%	0.023%
27	5.487	5.462	5.502	PH	113	1689	0.09%	0.003%
28	5.514	5.502	5.528	HH	279	2857	0.16%	0.006%
29	5.544	5.528	5.565	HH	445	5657	0.31%	0.011%
30	5.581	5.565	5.598	HH	275	3662	0.20%	0.007%
31	5.616	5.598	5.630	HH	311	4535	0.25%	0.009%
32	5.641	5.630	5.657	HH	242	3127	0.17%	0.006%
33	5.674	5.657	5.697	HH	170	3066	0.17%	0.006%
34	5.706	5.697	5.717	PH	94	762	0.04%	0.002%
35	5.737	5.717	5.785	HH	1832	25416	1.40%	0.050%
36	5.793	5.785	5.811	HH	155	1944	0.11%	0.004%

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37	5.813	5.811	5.831	HH	169	1265	0.07%	0.003%
38	5.853	5.831	5.860	HH	275	3118	0.17%	0.006%
39	5.862	5.860	5.881	HH	192	1725	0.09%	0.003%
40	5.887	5.881	5.900	HH	176	1651	0.09%	0.003%
41	5.926	5.900	5.963	HH	623	12449	0.69%	0.025%
42	5.990	5.963	5.994	HH	211	3282	0.18%	0.007%
43	5.999	5.994	6.019	HH	260	3018	0.17%	0.006%
44	6.050	6.019	6.076	HH	575	12407	0.68%	0.025%
45	6.104	6.076	6.120	HH	246	4965	0.27%	0.010%
46	6.128	6.120	6.144	HH	256	2735	0.15%	0.005%
47	6.153	6.144	6.165	HH	285	2548	0.14%	0.005%
48	6.172	6.165	6.192	HH	207	2314	0.13%	0.005%
49	6.220	6.192	6.235	HH	312	4364	0.24%	0.009%
50	6.271	6.235	6.291	HH	473	8507	0.47%	0.017%
51	6.312	6.291	6.345	HH	3110	36037	1.98%	0.071%
52	6.364	6.345	6.394	HH	393	7184	0.40%	0.014%
53	6.413	6.394	6.439	HH	549	8611	0.47%	0.017%
54	6.464	6.439	6.468	HH	328	4234	0.23%	0.008%
55	6.479	6.468	6.502	HH	497	6855	0.38%	0.014%
56	6.509	6.502	6.525	HH	271	2689	0.15%	0.005%
57	6.538	6.525	6.547	HH	241	2446	0.13%	0.005%
58	6.567	6.547	6.585	HH	443	7050	0.39%	0.014%
59	6.607	6.585	6.625	HH	495	8065	0.44%	0.016%
60	6.645	6.625	6.672	HH	459	8751	0.48%	0.017%
61	6.690	6.672	6.709	HH	417	6611	0.36%	0.013%
62	6.718	6.709	6.747	HH	315	5317	0.29%	0.011%
63	6.769	6.747	6.829	HH	2875	36651	2.02%	0.073%
64	6.834	6.829	6.846	HH	164	1721	0.09%	0.003%
65	6.859	6.846	6.875	HH	311	4147	0.23%	0.008%
66	6.891	6.875	6.903	HH	302	4446	0.24%	0.009%
67	6.923	6.903	6.940	HH	1194	14172	0.78%	0.028%
68	6.964	6.940	6.985	HH	520	9625	0.53%	0.019%
69	6.991	6.985	7.016	HH	296	4242	0.23%	0.008%
70	7.052	7.016	7.077	HH	401	8437	0.46%	0.017%
71	7.099	7.077	7.126	HH	492	9653	0.53%	0.019%
72	7.135	7.126	7.155	HH	293	4128	0.23%	0.008%
73	7.179	7.155	7.205	HH	439	8874	0.49%	0.018%
74	7.232	7.205	7.240	HH	360	5873	0.32%	0.012%
75	7.257	7.240	7.265	HH	463	6026	0.33%	0.012%
76	7.283	7.265	7.293	HH	612	8429	0.46%	0.017%
77	7.307	7.293	7.326	HH	608	9435	0.52%	0.019%
78	7.346	7.326	7.370	HH	759	12061	0.66%	0.024%
79	7.408	7.370	7.434	HH	2770	38197	2.10%	0.076%
80	7.446	7.434	7.470	HH	618	9526	0.52%	0.019%
81	7.492	7.470	7.527	HH	1305	21507	1.18%	0.043%
82	7.547	7.527	7.576	HH	2473	29296	1.61%	0.058%
83	7.591	7.576	7.612	HH	525	7986	0.44%	0.016%
84	7.617	7.612	7.621	HH	324	1530	0.08%	0.003%
85	7.624	7.621	7.651	HH	327	4572	0.25%	0.009%
86	7.689	7.651	7.694	HH	449	8880	0.49%	0.018%
87	7.718	7.694	7.751	HH	2151	29973	1.65%	0.059%
88	7.786	7.751	7.801	HH	407	10409	0.57%	0.021%
89	7.805	7.801	7.825	HH	345	4438	0.24%	0.009%

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90	7.837	7.825	7.847	HH	450	4379	0.24%	0.009%
91	7.852	7.847	7.873	HH	382	4930	0.27%	0.010%
92	7.895	7.873	7.925	HH	674	13574	0.75%	0.027%
93	7.938	7.925	7.971	HH	369	6997	0.39%	0.014%
94	7.979	7.971	7.994	HH	282	2848	0.16%	0.006%
95	8.017	7.994	8.040	HH	373	8050	0.44%	0.016%
96	8.060	8.040	8.077	HH	574	9253	0.51%	0.018%
97	8.089	8.077	8.126	HH	373	8225	0.45%	0.016%
98	8.149	8.126	8.167	HH	1279	17449	0.96%	0.035%
99	8.176	8.167	8.191	HH	548	7294	0.40%	0.014%
100	8.206	8.191	8.222	HH	487	7245	0.40%	0.014%
101	8.249	8.222	8.271	HH	524	11682	0.64%	0.023%
102	8.307	8.271	8.329	HH	1177	23893	1.31%	0.047%
103	8.348	8.329	8.370	HH	613	12899	0.71%	0.026%
104	8.421	8.370	8.464	HH	2257	48939	2.69%	0.097%
105	8.485	8.464	8.502	HH	607	12190	0.67%	0.024%
106	8.528	8.502	8.543	HH	2429	32822	1.81%	0.065%
107	8.556	8.543	8.574	HH	1803	22533	1.24%	0.045%
108	8.602	8.574	8.633	HH	3205	49770	2.74%	0.099%
109	8.650	8.633	8.667	HH	712	11567	0.64%	0.023%
110	8.714	8.667	8.747	HH	1768	48228	2.65%	0.096%
111	8.764	8.747	8.788	HH	749	13791	0.76%	0.027%
112	8.807	8.788	8.823	HH	839	12140	0.67%	0.024%
113	8.831	8.823	8.841	HH	519	4949	0.27%	0.010%
114	8.853	8.841	8.871	HH	462	6596	0.36%	0.013%
115	8.878	8.871	8.887	HH	397	3385	0.19%	0.007%
116	8.891	8.887	8.922	HH	387	6562	0.36%	0.013%
117	8.930	8.922	8.945	HH	349	4123	0.23%	0.008%
118	8.965	8.945	8.987	HH	1299	18543	1.02%	0.037%
119	9.013	8.987	9.044	HH	20072	220369	12.13%	0.437%
120	9.060	9.044	9.088	HH	1486	24618	1.35%	0.049%
121	9.099	9.088	9.114	HH	594	8453	0.47%	0.017%
122	9.143	9.114	9.172	HH	1601	35331	1.94%	0.070%
123	9.184	9.172	9.190	HH	585	5850	0.32%	0.012%
124	9.196	9.190	9.200	HH	558	3285	0.18%	0.007%
125	9.225	9.200	9.230	HH	709	10766	0.59%	0.021%
126	9.257	9.230	9.271	HH	2371	33189	1.83%	0.066%
127	9.289	9.271	9.313	HH	8776	96185	5.29%	0.191%
128	9.337	9.313	9.342	HH	750	11437	0.63%	0.023%
129	9.348	9.342	9.372	HH	761	12638	0.70%	0.025%
130	9.382	9.372	9.399	HH	810	10870	0.60%	0.022%
131	9.431	9.399	9.453	HH	2661	42035	2.31%	0.083%
132	9.468	9.453	9.504	HH	1410	25393	1.40%	0.050%
133	9.508	9.504	9.515	HH	486	3048	0.17%	0.006%
134	9.522	9.515	9.550	HH	539	9193	0.51%	0.018%
135	9.585	9.550	9.602	HH	1224	21367	1.18%	0.042%
136	9.618	9.602	9.649	HH	1144	18270	1.01%	0.036%
137	9.669	9.649	9.687	HH	602	10648	0.59%	0.021%
138	9.723	9.687	9.741	HH	1283	24619	1.35%	0.049%
139	9.760	9.741	9.778	HH	1524	22725	1.25%	0.045%
140	9.805	9.778	9.845	HH	19945	227131	12.50%	0.450%
141	9.859	9.845	9.867	HH	1021	12013	0.66%	0.024%

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142	9.886	9.867	9.914	HH	1651	32525	1.79%	0.064%
143	9.928	9.914	9.939	HH	1563	18214	1.00%	0.036%
144	9.960	9.939	10.000	HH	3882	67072	3.69%	0.133%
145	10.020	10.000	10.053	HH	2540	41950	2.31%	0.083%
146	10.084	10.053	10.108	HH	8376	100511	5.53%	0.199%
147	10.130	10.108	10.142	HH	3767	46337	2.55%	0.092%
148	10.152	10.142	10.192	HH	2726	47536	2.62%	0.094%
149	10.230	10.192	10.273	HH	5125	115176	6.34%	0.228%
150	10.293	10.273	10.313	HH	1303	22951	1.26%	0.046%
151	10.327	10.313	10.365	HH	925	21785	1.20%	0.043%
152	10.400	10.365	10.425	HH	868	24719	1.36%	0.049%
153	10.428	10.425	10.433	HH	551	2590	0.14%	0.005%
154	10.439	10.433	10.455	HH	596	6542	0.36%	0.013%
155	10.493	10.455	10.511	HH	636	18630	1.03%	0.037%
156	10.514	10.511	10.524	HH	622	4824	0.27%	0.010%
157	10.528	10.524	10.533	HH	619	3300	0.18%	0.007%
158	10.559	10.533	10.583	HH	2467	38910	2.14%	0.077%
159	10.607	10.583	10.637	HH	2341	43325	2.38%	0.086%
160	10.667	10.637	10.675	HH	1756	28701	1.58%	0.057%
161	10.693	10.675	10.718	HH	4173	64295	3.54%	0.127%
162	10.734	10.718	10.773	HH	2382	46094	2.54%	0.091%
163	10.811	10.773	10.844	HH	2831	66277	3.65%	0.131%
164	10.864	10.844	10.927	HH	5595	108971	6.00%	0.216%
165	10.956	10.927	10.969	HH	2702	47415	2.61%	0.094%
166	10.983	10.969	10.994	HH	2842	35331	1.94%	0.070%
167	11.020	10.994	11.035	HH	7301	117042	6.44%	0.232%
168	11.046	11.035	11.067	HH	5312	66371	3.65%	0.132%
169	11.085	11.067	11.096	HH	1610	26256	1.44%	0.052%
170	11.116	11.096	11.162	HH	2937	77007	4.24%	0.153%
171	11.184	11.162	11.191	HH	2554	32818	1.81%	0.065%
172	11.218	11.191	11.264	HH	153036	1654016	91.02%	3.280%
173	11.292	11.264	11.313	HH	34438	396160	21.80%	0.786%
174	11.320	11.313	11.363	HH	3611	63161	3.48%	0.125%
175	11.370	11.363	11.375	HH	1362	9337	0.51%	0.019%
176	11.392	11.375	11.413	HH	1609	33539	1.85%	0.067%
177	11.427	11.413	11.444	HH	1588	27348	1.50%	0.054%
178	11.463	11.444	11.483	HH	3769	56605	3.12%	0.112%
179	11.506	11.483	11.549	HH	15679	203314	11.19%	0.403%
180	11.587	11.549	11.594	HH	1815	43490	2.39%	0.086%
181	11.615	11.594	11.639	HH	2344	54825	3.02%	0.109%
182	11.663	11.639	11.684	HH	4112	77331	4.26%	0.153%
183	11.688	11.684	11.694	HH	2023	12116	0.67%	0.024%
184	11.753	11.694	11.791	HH	4608	165321	9.10%	0.328%
185	11.820	11.791	11.842	HH	2885	65193	3.59%	0.129%
186	11.872	11.842	11.895	HH	3146	72473	3.99%	0.144%
187	11.915	11.895	11.950	HH	2521	74544	4.10%	0.148%
188	11.973	11.950	11.992	HH	2562	55997	3.08%	0.111%
189	12.024	11.992	12.039	HH	13716	180138	9.91%	0.357%
190	12.055	12.039	12.080	HH	17601	219836	12.10%	0.436%
191	12.088	12.080	12.097	HH	2209	21468	1.18%	0.043%
192	12.140	12.097	12.158	HH	18595	319357	17.57%	0.633%
193	12.174	12.158	12.187	HH	7988	104184	5.73%	0.207%
194	12.204	12.187	12.232	HH	11348	166566	9.17%	0.330%

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195	12.247	12.232	12.260	HH	2895	43032	2.37%	0.085%
196	12.283	12.260	12.304	HH	3915	79373	4.37%	0.157%
197	12.337	12.304	12.360	HH	4327	112338	6.18%	0.223%
198	12.382	12.360	12.404	HH	10118	152804	8.41%	0.303%
199	12.430	12.404	12.470	HH	3553	122269	6.73%	0.242%
200	12.495	12.470	12.517	HH	10824	166266	9.15%	0.330%
201	12.529	12.517	12.542	HH	3225	44786	2.46%	0.089%
202	12.582	12.542	12.625	HH	10723	250337	13.78%	0.496%
203	12.645	12.625	12.662	HH	4199	81634	4.49%	0.162%
204	12.672	12.662	12.688	HH	3366	51941	2.86%	0.103%
205	12.700	12.688	12.717	HH	3415	55947	3.08%	0.111%
206	12.747	12.717	12.761	HH	4567	100250	5.52%	0.199%
207	12.770	12.761	12.790	HH	4029	63526	3.50%	0.126%
208	12.818	12.790	12.855	HH	5515	165971	9.13%	0.329%
209	12.878	12.855	12.906	HH	6392	146241	8.05%	0.290%
210	12.928	12.906	12.946	HH	8622	150768	8.30%	0.299%
211	12.980	12.946	13.010	HH	7953	228172	12.56%	0.452%
212	13.046	13.010	13.083	HH	151015	1817154	100.00%	3.603%
213	13.106	13.083	13.124	HH	4802	97442	5.36%	0.193%
214	13.144	13.124	13.156	HH	3963	72298	3.98%	0.143%
215	13.203	13.156	13.216	HH	5928	172747	9.51%	0.343%
216	13.233	13.216	13.317	HH	7534	321923	17.72%	0.638%
217	13.347	13.317	13.372	HH	111876	1333597	73.39%	2.645%
218	13.401	13.372	13.416	HH	17296	263513	14.50%	0.523%
219	13.431	13.416	13.462	HH	16814	269003	14.80%	0.533%
220	13.478	13.462	13.497	HH	4768	97375	5.36%	0.193%
221	13.519	13.497	13.530	HH	8554	132885	7.31%	0.264%
222	13.544	13.530	13.570	HH	9652	168999	9.30%	0.335%
223	13.611	13.570	13.636	HH	11528	276440	15.21%	0.548%
224	13.687	13.636	13.705	HH	8065	263070	14.48%	0.522%
225	13.721	13.705	13.726	HH	5929	71854	3.95%	0.142%
226	13.742	13.726	13.761	HH	8187	141812	7.80%	0.281%
227	13.770	13.761	13.781	HH	5668	66853	3.68%	0.133%
228	13.807	13.781	13.883	HH	11408	432343	23.79%	0.857%
229	13.935	13.883	13.969	HH	25683	568309	31.27%	1.127%
230	14.002	13.969	14.018	HH	7287	188888	10.39%	0.375%
231	14.043	14.018	14.066	HH	19359	339019	18.66%	0.672%
232	14.084	14.066	14.106	HH	12757	227816	12.54%	0.452%
233	14.126	14.106	14.148	HH	9775	203556	11.20%	0.404%
234	14.181	14.148	14.198	HH	11544	281437	15.49%	0.558%
235	14.214	14.198	14.235	HH	12633	228929	12.60%	0.454%
236	14.255	14.235	14.295	HH	11869	309710	17.04%	0.614%
237	14.328	14.295	14.348	HH	9046	246454	13.56%	0.489%
238	14.369	14.348	14.380	HH	7555	139704	7.69%	0.277%
239	14.397	14.380	14.403	HH	7715	104828	5.77%	0.208%
240	14.422	14.403	14.448	HH	8191	215898	11.88%	0.428%
241	14.467	14.448	14.485	HH	8338	174324	9.59%	0.346%
242	14.494	14.485	14.509	HH	7379	102012	5.61%	0.202%
243	14.541	14.509	14.558	HH	7714	219772	12.09%	0.436%
244	14.580	14.558	14.591	HH	8065	151550	8.34%	0.301%
245	14.623	14.591	14.629	HH	10587	214625	11.81%	0.426%
246	14.641	14.629	14.656	HH	11045	174905	9.63%	0.347%

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247	14.673	14.656	14.708	HH	14464	338392	18.62%	0.671%
248	14.746	14.708	14.765	HH	12075	345017	18.99%	0.684%
249	14.777	14.765	14.806	HH	10565	242816	13.36%	0.482%
250	14.814	14.806	14.819	HH	9567	73754	4.06%	0.146%
251	14.853	14.819	14.891	HH	16654	523124	28.79%	1.037%
252	14.916	14.891	14.939	HH	22533	443269	24.39%	0.879%
253	14.977	14.939	15.003	HH	18246	526524	28.98%	1.044%
254	15.009	15.003	15.015	HH	10215	73248	4.03%	0.145%
255	15.040	15.015	15.056	HH	11963	268185	14.76%	0.532%
256	15.084	15.056	15.138	HH	24136	742770	40.88%	1.473%
257	15.181	15.138	15.199	HH	14233	435515	23.97%	0.864%
258	15.230	15.199	15.251	HH	70432	1050657	57.82%	2.083%
259	15.272	15.251	15.307	HH	63149	1037704	57.11%	2.058%
260	15.321	15.307	15.351	HH	12999	327459	18.02%	0.649%
261	15.394	15.351	15.416	HH	23129	617847	34.00%	1.225%
262	15.424	15.416	15.444	HH	14259	237240	13.06%	0.470%
263	15.470	15.444	15.508	HH	17914	555417	30.57%	1.101%
264	15.531	15.508	15.556	HH	18434	458815	25.25%	0.910%
265	15.576	15.556	15.637	HH	17878	741197	40.79%	1.470%
266	15.678	15.637	15.736	HH	20798	996249	54.82%	1.976%
267	15.744	15.736	15.759	HH	15108	201034	11.06%	0.399%
268	15.775	15.759	15.783	HH	15192	217144	11.95%	0.431%
269	15.812	15.783	15.841	HH	18056	577462	31.78%	1.145%
270	15.864	15.841	15.882	HH	18094	425594	23.42%	0.844%
271	15.906	15.882	15.927	HH	25239	545989	30.05%	1.083%
272	15.946	15.927	15.971	HH	20882	495491	27.27%	0.983%
273	15.990	15.971	16.015	HH	19040	474909	26.13%	0.942%
274	16.068	16.015	16.104	HH	23503	1063912	58.55%	2.110%
275	16.143	16.104	16.175	HH	20498	794675	43.73%	1.576%
276	16.206	16.175	16.212	HH	18393	400273	22.03%	0.794%
277	16.230	16.212	16.244	HH	20089	376432	20.72%	0.746%
278	16.264	16.244	16.284	HH	21980	478169	26.31%	0.948%
279	16.316	16.284	16.389	HH	22915	1256935	69.17%	2.493%
280	16.409	16.389	16.425	HH	19367	411155	22.63%	0.815%
281	16.440	16.425	16.460	HH	19434	411992	22.67%	0.817%
282	16.522	16.460	16.544	HH	21984	1026825	56.51%	2.036%
283	16.547	16.544	16.560	HH	20576	189529	10.43%	0.376%
284	16.580	16.560	16.595	HH	22494	453504	24.96%	0.899%
285	16.614	16.595	16.644	HH	22265	646097	35.56%	1.281%
286	16.700	16.644	16.709	HH	24373	865122	47.61%	1.716%
287	16.718	16.709	16.743	HH	24698	482818	26.57%	0.957%
288	16.797	16.743	16.815	HH	76445	1709549	94.08%	3.390%
289	16.824	16.815	16.854	HH	43081	762385	41.95%	1.512%
290	16.859	16.854	16.862	HH	22563	108845	5.99%	0.216%
291	16.881	16.862	16.890	HH	23728	399674	21.99%	0.793%
292	16.898	16.890	16.904	HH	23994	191013	10.51%	0.379%
293	16.927	16.904	16.948	HH	33775	751975	41.38%	1.491%
294	16.964	16.948	16.977	HH	26740	447485	24.63%	0.887%
295	16.983	16.977	17.002	HH	25563	383182	21.09%	0.760%
296	17.019	17.002	17.034	HH	25898	494399	27.21%	0.980%
297	17.048	17.034	17.061	HH	26456	417501	22.98%	0.828%
298	17.119	17.061	17.145	HH	56139	1749751	96.29%	3.470%
299	17.177	17.145	17.214	HH	68788	1630909	89.75%	3.234%

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Sum of corrected areas: 50428525

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