

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF080819\
 Data File : FF005205.D
 Signal(s) : FID2B.ch
 Acq On : 08 Aug 2019 15:13
 Sample : K4164-05MS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF073019.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.377	4.342	4.452	BH	365854	3345784	80.82%	7.458%
2	4.456	4.452	4.461	HH	761	3480	0.08%	0.008%
3	4.478	4.461	4.507	HH	882	21848	0.53%	0.049%
4	4.523	4.507	4.571	HH	4755	53079	1.28%	0.118%
5	4.580	4.571	4.586	HH	265	1799	0.04%	0.004%
6	4.587	4.586	4.598	HH	263	1042	0.03%	0.002%
7	4.600	4.598	4.621	HH	138	909	0.02%	0.002%
8	4.631	4.621	4.651	HH	151	439	0.01%	0.001%
9	4.657	4.651	4.678	PH	16	-469	-0.01%	-0.001%
10	4.714	4.678	4.774	PH	-25	-7445	-0.18%	-0.017%
11	4.780	4.774	4.786	PH	-186	-1711	-0.04%	-0.004%
12	4.789	4.786	4.796	PH	-186	-1393	-0.03%	-0.003%
13	4.802	4.796	4.816	PH	-243	-3256	-0.08%	-0.007%
14	4.819	4.816	4.847	PH	-257	-6145	-0.15%	-0.014%
15	4.850	4.847	4.893	PH	-284	-9603	-0.23%	-0.021%
16	4.907	4.893	4.924	PH	-286	-6753	-0.16%	-0.015%
17	4.928	4.924	4.940	PH	-364	-3376	-0.08%	-0.008%
18	4.968	4.940	4.999	PH	180	-6358	-0.15%	-0.014%
19	5.023	4.999	5.033	PH	-296	-7257	-0.18%	-0.016%
20	5.038	5.033	5.052	PH	-335	-4307	-0.10%	-0.010%
21	5.082	5.052	5.094	PH	-155	-7239	-0.17%	-0.016%
22	5.098	5.094	5.106	PH	-283	-2187	-0.05%	-0.005%
23	5.123	5.106	5.168	PH	26	-9144	-0.22%	-0.020%
24	5.177	5.168	5.193	PH	-336	-6056	-0.15%	-0.013%
25	5.198	5.193	5.214	PH	-356	-5631	-0.14%	-0.013%
26	5.236	5.214	5.284	PH	630	-5314	-0.13%	-0.012%
27	5.296	5.284	5.327	PH	-362	-11536	-0.28%	-0.026%
28	5.338	5.327	5.350	PH	-339	-5718	-0.14%	-0.013%
29	5.369	5.350	5.390	PH	-392	-12079	-0.29%	-0.027%
30	5.415	5.390	5.452	PH	1645	901	0.02%	0.002%
31	5.465	5.452	5.497	PH	264	-6055	-0.15%	-0.013%
32	5.519	5.497	5.628	PH	3071	15427	0.37%	0.034%
33	5.649	5.628	5.696	PH	-280	-19540	-0.47%	-0.044%
34	5.703	5.696	5.740	PH	-553	-16369	-0.40%	-0.036%
35	5.745	5.740	5.747	PH	-597	-2755	-0.07%	-0.006%
36	5.756	5.747	5.773	PH	-499	-8735	-0.21%	-0.019%

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37	5.784	5.773	5.803	PH	-468	-10350	-0.25%	-0.023%
38	5.819	5.803	5.848	PH	-497	-15759	-0.38%	-0.035%
39	5.865	5.848	5.883	PH	-514	-12448	-0.30%	-0.028%
40	5.887	5.883	5.891	PH	-650	-3421	-0.08%	-0.008%
41	5.895	5.891	5.902	PH	-655	-4396	-0.11%	-0.010%
42	5.923	5.902	5.927	PH	-436	-8581	-0.21%	-0.019%
43	5.931	5.927	5.941	PH	-411	-4181	-0.10%	-0.009%
44	5.958	5.941	5.994	PH	-93	-11585	-0.28%	-0.013%
45	5.998	5.994	6.002	PH	-395	-2415	-0.06%	-0.005%
46	6.009	6.002	6.022	PH	-376	-5680	-0.14%	-0.013%
47	6.037	6.022	6.051	PH	-288	-6534	-0.16%	-0.015%
48	6.054	6.051	6.059	PH	-386	-1990	-0.05%	-0.004%
49	6.062	6.059	6.079	PH	-414	-5875	-0.14%	-0.013%
50	6.084	6.079	6.088	PH	-479	-3067	-0.07%	-0.007%
51	6.116	6.088	6.155	PH	1250	-2165	-0.05%	-0.005%
52	6.174	6.155	6.178	PH	-515	-8422	-0.20%	-0.019%
53	6.187	6.178	6.222	PH	-553	-16677	-0.40%	-0.037%
54	6.244	6.222	6.262	PH	-128	-8901	-0.22%	-0.020%
55	6.265	6.262	6.309	PH	-262	-11688	-0.28%	-0.026%
56	6.315	6.309	6.332	PH	-496	-7357	-0.18%	-0.016%
57	6.336	6.332	6.348	PH	-510	-4963	-0.12%	-0.011%
58	6.354	6.348	6.361	PH	-441	-4071	-0.10%	-0.009%
59	6.398	6.361	6.502	PH	352276	3424517	82.72%	7.634%
60	6.508	6.502	6.512	PH	-384	-2638	-0.06%	-0.006%
61	6.527	6.512	6.571	PH	-28	-10194	-0.25%	-0.023%
62	6.578	6.571	6.590	PH	-577	-7338	-0.18%	-0.016%
63	6.607	6.590	6.632	PH	-501	-15533	-0.38%	-0.035%
64	6.646	6.632	6.688	PH	-512	-22214	-0.54%	-0.050%
65	6.702	6.688	6.709	PH	-754	-10463	-0.25%	-0.023%
66	6.718	6.709	6.731	PH	-749	-10464	-0.25%	-0.023%
67	6.756	6.731	6.767	PH	-822	-18972	-0.46%	-0.042%
68	6.772	6.767	6.785	PH	-786	-8689	-0.21%	-0.019%
69	6.788	6.785	6.832	PH	-800	-24614	-0.59%	-0.055%
70	6.846	6.832	6.857	PH	-752	-12356	-0.30%	-0.028%
71	6.861	6.857	6.863	PH	-770	-3199	-0.08%	-0.007%
72	6.874	6.863	6.907	PH	-555	-19430	-0.47%	-0.043%
73	6.911	6.907	6.917	PH	-696	-4305	-0.10%	-0.010%
74	6.927	6.917	6.984	PH	-669	-31764	-0.77%	-0.071%
75	6.997	6.984	7.011	PH	-786	-12630	-0.31%	-0.028%
76	7.024	7.011	7.034	PH	-462	-8337	-0.20%	-0.019%
77	7.049	7.034	7.087	PH	491	-9906	-0.24%	-0.022%
78	7.099	7.087	7.137	PH	-606	-23884	-0.58%	-0.053%
79	7.168	7.137	7.176	PH	-796	-20281	-0.49%	-0.045%
80	7.195	7.176	7.206	PH	-804	-15723	-0.38%	-0.035%
81	7.215	7.206	7.231	PH	-877	-13861	-0.33%	-0.031%
82	7.240	7.231	7.262	PH	-899	-17754	-0.43%	-0.040%
83	7.266	7.262	7.271	PH	-924	-5112	-0.12%	-0.011%
84	7.280	7.271	7.289	PH	-887	-10227	-0.25%	-0.023%
85	7.292	7.289	7.296	PH	-932	-3934	-0.10%	-0.009%
86	7.320	7.296	7.344	PH	355	-13152	-0.32%	-0.029%
87	7.354	7.344	7.367	PH	-885	-12725	-0.31%	-0.028%
88	7.380	7.367	7.409	PH	-860	-23145	-0.56%	-0.052%
89	7.415	7.409	7.425	PH	-862	-9268	-0.22%	-0.021%

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90	7.442	7.425	7.473	PH	-816	-25922	-0.63%	-0.058%
91	7.479	7.473	7.489	PH	-885	-8835	-0.21%	-0.020%
92	7.492	7.489	7.518	PH	-855	-16117	-0.39%	-0.036%
93	7.528	7.518	7.548	PH	-942	-18267	-0.44%	-0.041%
94	7.554	7.548	7.562	PH	-988	-8329	-0.20%	-0.019%
95	7.603	7.562	7.652	PH	-434	-45998	-1.11%	-0.103%
96	7.664	7.652	7.689	PH	-880	-21158	-0.51%	-0.047%
97	7.702	7.689	7.714	PH	-913	-14398	-0.35%	-0.032%
98	7.737	7.714	7.757	PH	-563	-18405	-0.44%	-0.041%
99	7.772	7.757	7.780	PH	-431	-7553	-0.18%	-0.017%
100	7.792	7.780	7.824	PH	-82	-16148	-0.39%	-0.036%
101	7.849	7.824	7.867	PH	-864	-24325	-0.59%	-0.054%
102	7.884	7.867	7.902	PH	-606	-17297	-0.42%	-0.039%
103	7.920	7.902	7.927	PH	-774	-12599	-0.30%	-0.028%
104	7.944	7.927	7.976	PH	-699	-25894	-0.63%	-0.058%
105	8.088	7.976	8.114	PH	-675	-72648	-1.75%	-0.162%
106	8.157	8.114	8.163	PH	234	-14284	-0.35%	-0.032%
107	8.192	8.163	8.225	PH	323651	3392981	81.96%	7.564%
108	8.249	8.225	8.285	HH	104642	1090085	26.33%	2.430%
109	8.302	8.285	8.366	HH	7295	78753	1.90%	0.176%
110	8.381	8.366	8.400	PH	-113	-7396	-0.18%	-0.016%
111	8.421	8.400	8.455	PH	-466	-22422	-0.54%	-0.050%
112	8.474	8.455	8.507	PH	-708	-24935	-0.60%	-0.056%
113	8.552	8.507	8.574	PH	-522	-28306	-0.68%	-0.063%
114	8.599	8.574	8.641	PH	-189	-20779	-0.50%	-0.046%
115	8.662	8.641	8.705	PH	-68	-18526	-0.45%	-0.041%
116	8.726	8.705	8.767	PH	-478	-26333	-0.64%	-0.059%
117	8.793	8.767	8.862	PH	3546	7732	0.19%	0.017%
118	8.910	8.862	8.980	PH	743	-33324	-0.80%	-0.074%
119	9.014	8.980	9.045	PH	752	-14067	-0.34%	-0.031%
120	9.060	9.045	9.086	PH	-602	-17941	-0.43%	-0.040%
121	9.104	9.086	9.143	PH	-420	-25455	-0.61%	-0.057%
122	9.154	9.143	9.172	PH	-843	-16401	-0.40%	-0.037%
123	9.177	9.172	9.181	PH	-897	-5247	-0.13%	-0.012%
124	9.198	9.181	9.229	PH	-731	-24490	-0.59%	-0.055%
125	9.235	9.229	9.240	PH	-862	-6051	-0.15%	-0.013%
126	9.269	9.240	9.294	PH	-732	-26929	-0.65%	-0.060%
127	9.301	9.294	9.317	PH	-791	-12400	-0.30%	-0.028%
128	9.339	9.317	9.371	PH	4577	44383	1.07%	0.099%
129	9.387	9.371	9.412	PH	21	-5676	-0.14%	-0.013%
130	9.427	9.412	9.459	PH	-69	-11020	-0.27%	-0.025%
131	9.472	9.459	9.485	PH	-478	-9242	-0.22%	-0.021%
132	9.516	9.485	9.539	PH	564	-5901	-0.14%	-0.013%
133	9.544	9.539	9.548	PH	-655	-3316	-0.08%	-0.007%
134	9.569	9.548	9.593	PH	-234	-15062	-0.36%	-0.034%
135	9.625	9.593	9.649	PH	-412	-23065	-0.56%	-0.051%
136	9.656	9.649	9.685	PH	-703	-18106	-0.44%	-0.040%
137	9.732	9.685	9.758	PH	-511	-30304	-0.73%	-0.068%
138	9.794	9.758	9.852	PH	306593	3344773	80.79%	7.456%
139	9.858	9.852	9.922	PH	-353	-22499	-0.54%	-0.050%
140	9.945	9.922	10.020	PH	-389	-42579	-1.03%	-0.095%
141	10.034	10.020	10.082	PH	-746	-31042	-0.75%	-0.069%

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142	10.178	10.082	10.202	PH	-254	-44455	-1.07%	-0.099%
143	10.230	10.202	10.252	PH	-330	-17394	-0.42%	-0.039%
144	10.277	10.252	10.302	PH	-396	-15779	-0.38%	-0.035%
145	10.321	10.302	10.336	PH	-563	-12427	-0.30%	-0.028%
146	10.352	10.336	10.395	PH	-495	-23784	-0.57%	-0.053%
147	10.437	10.395	10.446	PH	-593	-21198	-0.51%	-0.047%
148	10.453	10.446	10.469	PH	-544	-8894	-0.21%	-0.020%
149	10.488	10.469	10.505	PH	-220	-9868	-0.24%	-0.022%
150	10.532	10.505	10.570	PH	713	-9883	-0.24%	-0.022%
151	10.597	10.570	10.607	PH	-409	-12568	-0.30%	-0.028%
152	10.630	10.607	10.704	PH	-72	-26944	-0.65%	-0.060%
153	10.718	10.704	10.733	PH	-549	-11091	-0.27%	-0.025%
154	10.750	10.733	10.767	PH	-509	-13126	-0.32%	-0.029%
155	10.812	10.767	10.838	PH	-56	-18208	-0.44%	-0.041%
156	10.857	10.838	10.887	PH	-284	-12222	-0.30%	-0.027%
157	10.905	10.887	10.936	PH	-128	-12013	-0.29%	-0.027%
158	10.951	10.936	10.968	PH	-372	-9491	-0.23%	-0.021%
159	10.987	10.968	11.026	PH	-357	-20965	-0.51%	-0.047%
160	11.042	11.026	11.076	PH	-330	-16533	-0.40%	-0.037%
161	11.096	11.076	11.136	PH	-460	-23628	-0.57%	-0.053%
162	11.171	11.136	11.185	PH	-566	-19056	-0.46%	-0.042%
163	11.237	11.185	11.297	PH	281981	3252422	78.56%	7.250%
164	11.319	11.297	11.374	PH	-114	-19187	-0.46%	-0.043%
165	11.390	11.374	11.411	PH	-530	-12989	-0.31%	-0.029%
166	11.429	11.411	11.453	PH	-460	-15660	-0.38%	-0.035%
167	11.503	11.453	11.517	PH	-360	-22304	-0.54%	-0.050%
168	11.524	11.517	11.575	PH	-404	-18606	-0.45%	-0.041%
169	11.596	11.575	11.609	PH	-550	-11913	-0.29%	-0.027%
170	11.651	11.609	11.686	PH	-134	-19856	-0.48%	-0.044%
171	11.717	11.686	11.761	PH	-445	-26936	-0.65%	-0.060%
172	11.785	11.761	11.814	PH	-636	-22390	-0.54%	-0.050%
173	11.845	11.814	11.860	PH	-587	-18563	-0.45%	-0.041%
174	11.906	11.860	11.936	PH	432	-13923	-0.34%	-0.031%
175	11.961	11.936	11.981	PH	169	-5737	-0.14%	-0.013%
176	12.000	11.981	12.096	PH	223	-25752	-0.62%	-0.057%
177	12.114	12.096	12.129	PH	-466	-10239	-0.25%	-0.023%
178	12.160	12.129	12.191	PH	54080	596740	14.41%	1.330%
179	12.200	12.191	12.224	HH	1057	13314	0.32%	0.030%
180	12.236	12.224	12.274	HH	287	2314	0.06%	0.005%
181	12.291	12.274	12.310	PH	-41	-1713	-0.04%	-0.004%
182	12.322	12.310	12.352	PH	24	-1448	-0.03%	-0.003%
183	12.373	12.352	12.424	PH	455	-1669	-0.04%	-0.004%
184	12.496	12.424	12.511	PH	-27	-10136	-0.24%	-0.023%
185	12.551	12.511	12.595	PH	266459	3194981	77.17%	7.122%
186	12.613	12.595	12.661	HH	864	10539	0.25%	0.023%
187	12.667	12.661	12.716	PH	-85	-6116	-0.15%	-0.014%
188	12.731	12.716	12.753	PH	-182	-4802	-0.12%	-0.011%
189	12.769	12.753	12.786	PH	-64	-2900	-0.07%	-0.006%
190	12.805	12.786	12.862	PH	-3	-5346	-0.13%	-0.012%
191	12.911	12.862	12.926	PH	592	1908	0.05%	0.004%
192	12.950	12.926	13.017	HH	1728	28676	0.69%	0.064%
193	13.020	13.017	13.027	HH	238	533	0.01%	0.001%
194	13.040	13.027	13.079	HH	216	1521	0.04%	0.003%

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195	13.108	13.079	13.131	PH	80	-874	-0.02%	-0.002%
196	13.164	13.131	13.206	PH	3478	53044	1.28%	0.118%
197	13.218	13.206	13.267	HH	591	12359	0.30%	0.028%
198	13.275	13.267	13.312	HH	173	662	0.02%	0.001%
199	13.319	13.312	13.332	PH	-3	-644	-0.02%	-0.001%
200	13.360	13.332	13.377	PH	1930	23618	0.57%	0.053%
201	13.394	13.377	13.468	HH	4882	56453	1.36%	0.126%
202	13.480	13.468	13.487	PH	95	788	0.02%	0.002%
203	13.569	13.487	13.603	PH	1849	39329	0.95%	0.088%
204	13.616	13.603	13.639	HH	335	4799	0.12%	0.011%
205	13.669	13.639	13.678	HH	276	4439	0.11%	0.010%
206	13.705	13.678	13.721	HH	4140	51893	1.25%	0.116%
207	13.753	13.721	13.832	HH	247421	3162077	76.38%	7.049%
208	13.859	13.832	13.889	HH	405	9107	0.22%	0.020%
209	13.935	13.889	13.959	HH	266	8750	0.21%	0.020%
210	13.977	13.959	14.014	HH	386	9287	0.22%	0.021%
211	14.047	14.014	14.060	HH	247	5691	0.14%	0.013%
212	14.143	14.060	14.176	HH	3832	76870	1.86%	0.171%
213	14.199	14.176	14.256	HH	896	25809	0.62%	0.058%
214	14.320	14.256	14.352	HH	10322	175810	4.25%	0.392%
215	14.374	14.352	14.451	HH	4722	113115	2.73%	0.252%
216	14.471	14.451	14.498	HH	901	23496	0.57%	0.052%
217	14.537	14.498	14.616	HH	4573	103140	2.49%	0.230%
218	14.656	14.616	14.689	HH	177973	2463537	59.51%	5.492%
219	14.699	14.689	14.779	HH	3449	87333	2.11%	0.195%
220	14.861	14.779	14.981	HH	257279	3399547	82.12%	7.578%
221	14.989	14.981	15.024	HH	1217	29953	0.72%	0.067%
222	15.056	15.024	15.087	HH	1338	45311	1.09%	0.101%
223	15.105	15.087	15.124	HH	1264	25915	0.63%	0.058%
224	15.131	15.124	15.151	HH	1226	19112	0.46%	0.043%
225	15.197	15.151	15.209	HH	2183	55820	1.35%	0.124%
226	15.239	15.209	15.325	HH	75017	1176415	28.42%	2.622%
227	15.339	15.325	15.350	HH	1800	26425	0.64%	0.059%
228	15.382	15.350	15.422	HH	18129	297263	7.18%	0.663%
229	15.453	15.422	15.491	HH	6338	137675	3.33%	0.307%
230	15.500	15.491	15.546	HH	1976	62185	1.50%	0.139%
231	15.562	15.546	15.585	HH	1897	43059	1.04%	0.096%
232	15.626	15.585	15.661	HH	2402	98995	2.39%	0.221%
233	15.706	15.661	15.729	HH	3445	108345	2.62%	0.242%
234	15.758	15.729	15.794	HH	5292	133110	3.22%	0.297%
235	15.815	15.794	15.829	HH	2416	49286	1.19%	0.110%
236	15.888	15.829	15.939	HH	257394	3562435	86.05%	7.941%
237	15.952	15.939	15.991	HH	3060	89850	2.17%	0.200%
238	16.016	15.991	16.042	HH	2928	87564	2.12%	0.195%
239	16.083	16.042	16.100	HH	3185	102486	2.48%	0.228%
240	16.138	16.100	16.156	HH	3300	105383	2.55%	0.235%
241	16.188	16.156	16.223	HH	4701	164140	3.96%	0.366%
242	16.257	16.223	16.299	HH	11421	287666	6.95%	0.641%
243	16.371	16.299	16.427	HH	44881	865936	20.92%	1.930%
244	16.449	16.427	16.479	HH	5093	140091	3.38%	0.312%
245	16.503	16.479	16.546	HH	5156	183148	4.42%	0.408%
246	16.621	16.546	16.654	HH	8237	362450	8.75%	0.808%

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247	16.670	16.654	16.697	HH	6705	159369	3.85%	0.355%
248	16.724	16.697	16.789	HH	6797	329674	7.96%	0.735%
249	16.842	16.789	16.874	HH	290589	4139936	100.00%	9.229%
250	16.888	16.874	16.942	HH	10218	296923	7.17%	0.662%
251	16.967	16.942	17.017	HH	5979	258646	6.25%	0.577%
252	17.027	17.017	17.035	HH	5781	60965	1.47%	0.136%
253	17.049	17.035	17.064	HH	5865	100976	2.44%	0.225%
254	17.078	17.064	17.087	HH	6014	83350	2.01%	0.186%
255	17.131	17.087	17.157	HH	7428	270567	6.54%	0.603%
256	17.205	17.157	17.249	HH	8464	389811	9.42%	0.869%
257	17.294	17.249	17.301	HHA	74651	962731	23.25%	2.146%
					Sum of corrected areas:		44859505	

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