

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091719\
 Data File : FF005606.D
 Signal(s) : FID2B.ch
 Acq On : 17 Sep 2019 21:54
 Sample : K4924-04 2X
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090319.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.350	4.312	4.374	BH	1328	12645	0.38%	0.014%
2	4.393	4.374	4.408	HH	239	2125	0.06%	0.002%
3	4.423	4.408	4.442	PH	209	2017	0.06%	0.002%
4	4.452	4.442	4.484	HH	184	2931	0.09%	0.003%
5	4.501	4.484	4.531	PH	754	7928	0.24%	0.009%
6	4.539	4.531	4.553	HH	97	1177	0.04%	0.001%
7	4.574	4.553	4.594	HH	535	8523	0.26%	0.010%
8	4.602	4.594	4.617	HH	510	4808	0.15%	0.005%
9	4.627	4.617	4.646	HH	268	3068	0.09%	0.003%
10	4.650	4.646	4.669	HH	91	365	0.01%	0.000%
11	4.679	4.669	4.691	PH	54	-418	-0.01%	-0.000%
12	4.698	4.691	4.720	PH	-12	-997	-0.03%	-0.001%
13	4.725	4.720	4.744	PH	31	-82	-0.00%	-0.000%
14	4.780	4.744	4.788	PH	152	2166	0.07%	0.002%
15	4.796	4.788	4.806	PH	81	427	0.01%	0.000%
16	4.821	4.806	4.840	HH	185	1458	0.04%	0.002%
17	4.844	4.840	4.916	PH	70	-6512	-0.20%	-0.007%
18	4.919	4.916	4.924	PH	-193	-1090	-0.03%	-0.001%
19	4.945	4.924	4.976	PH	-26	-4223	-0.13%	-0.005%
20	4.990	4.976	4.998	PH	-38	-1472	-0.04%	-0.002%
21	5.008	4.998	5.018	PH	-79	-1612	-0.05%	-0.002%
22	5.028	5.018	5.057	PH	16	-1441	-0.04%	-0.002%
23	5.068	5.057	5.079	PH	15	-605	-0.02%	-0.001%
24	5.091	5.079	5.129	PH	48	-1279	-0.04%	-0.001%
25	5.136	5.129	5.150	PH	-121	-1865	-0.06%	-0.002%
26	5.156	5.150	5.164	PH	-110	-978	-0.03%	-0.001%
27	5.170	5.164	5.176	PH	-110	-996	-0.03%	-0.001%
28	5.193	5.176	5.197	PH	-70	-1747	-0.05%	-0.002%
29	5.220	5.197	5.236	PH	241	1606	0.05%	0.002%
30	5.241	5.236	5.253	HH	66	549	0.02%	0.001%
31	5.256	5.253	5.259	PH	63	52	0.00%	0.000%
32	5.274	5.259	5.322	PH	198	-2717	-0.08%	-0.003%
33	5.341	5.322	5.369	PH	369	1805	0.05%	0.002%
34	5.388	5.369	5.437	PH	1120	11659	0.35%	0.013%
35	5.451	5.437	5.467	PH	150	231	0.01%	0.000%
36	5.470	5.467	5.484	PH	-25	-1207	-0.04%	-0.001%

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37	5.497	5.484	5.510	PH	20	-1153	-0.04%	-0.001%
38	5.517	5.510	5.527	PH	-41	-1422	-0.04%	-0.002%
39	5.545	5.527	5.560	PH	37	-1193	-0.04%	-0.001%
40	5.570	5.560	5.594	PH	137	-854	-0.03%	-0.001%
41	5.598	5.594	5.612	PH	-161	-2494	-0.08%	-0.003%
42	5.615	5.612	5.621	PH	-155	-1077	-0.03%	-0.001%
43	5.628	5.621	5.657	PH	-155	-4238	-0.13%	-0.005%
44	5.670	5.657	5.677	PH	-9	-939	-0.03%	-0.001%
45	5.691	5.677	5.713	PH	71	-572	-0.02%	-0.001%
46	5.727	5.713	5.742	PH	3	-1632	-0.05%	-0.002%
47	5.746	5.742	5.754	PH	-149	-1221	-0.04%	-0.001%
48	5.759	5.754	5.789	PH	-106	-4950	-0.15%	-0.006%
49	5.798	5.789	5.822	PH	-165	-5642	-0.17%	-0.006%
50	5.840	5.822	5.866	PH	-2	-4085	-0.12%	-0.005%
51	5.947	5.866	5.973	PH	582	3299	0.10%	0.004%
52	5.977	5.973	6.008	HH	348	3259	0.10%	0.004%
53	6.011	6.008	6.015	PH	54	130	0.00%	0.000%
54	6.029	6.015	6.061	PH	126	280	0.01%	0.000%
55	6.086	6.061	6.137	PH	558	2899	0.09%	0.003%
56	6.141	6.137	6.145	PH	-164	-724	-0.02%	-0.001%
57	6.160	6.145	6.210	PH	-9	-5136	-0.16%	-0.006%
58	6.222	6.210	6.251	PH	63	-943	-0.03%	-0.001%
59	6.265	6.251	6.274	PH	21	-142	-0.00%	-0.000%
60	6.297	6.274	6.309	PH	117	812	0.02%	0.001%
61	6.330	6.309	6.349	PH	424	5879	0.18%	0.007%
62	6.369	6.349	6.398	HH	1202	17135	0.52%	0.019%
63	6.406	6.398	6.439	HH	243	2573	0.08%	0.003%
64	6.446	6.439	6.484	PH	97	-800	-0.02%	-0.001%
65	6.491	6.484	6.497	PH	-83	-1060	-0.03%	-0.001%
66	6.519	6.497	6.552	PH	431	647	0.02%	0.001%
67	6.559	6.552	6.613	PH	-18	-7172	-0.22%	-0.008%
68	6.618	6.613	6.661	PH	-199	-7171	-0.22%	-0.008%
69	6.666	6.661	6.669	PH	-216	-1331	-0.04%	-0.001%
70	6.690	6.669	6.706	PH	-40	-3066	-0.09%	-0.003%
71	6.713	6.706	6.717	PH	-124	-977	-0.03%	-0.001%
72	6.722	6.717	6.728	PH	-63	-853	-0.03%	-0.001%
73	6.734	6.728	6.739	PH	-123	-1146	-0.03%	-0.001%
74	6.770	6.739	6.795	PH	-12	-3471	-0.11%	-0.004%
75	6.801	6.795	6.835	PH	-22	-2343	-0.07%	-0.003%
76	6.869	6.835	6.897	PH	276	4085	0.12%	0.005%
77	6.901	6.897	6.923	HH	251	3068	0.09%	0.003%
78	6.930	6.923	6.936	HH	306	1746	0.05%	0.002%
79	6.940	6.936	6.954	HH	155	1032	0.03%	0.001%
80	6.975	6.954	6.981	PH	300	1830	0.06%	0.002%
81	7.005	6.981	7.013	HH	507	6187	0.19%	0.007%
82	7.018	7.013	7.047	HH	462	6778	0.21%	0.008%
83	7.069	7.047	7.115	HH	708	10163	0.31%	0.011%
84	7.135	7.115	7.158	HH	607	8529	0.26%	0.010%
85	7.170	7.158	7.183	HH	385	4790	0.15%	0.005%
86	7.191	7.183	7.211	HH	379	4763	0.14%	0.005%
87	7.217	7.211	7.225	HH	272	1412	0.04%	0.002%
88	7.241	7.225	7.267	HH	276	3603	0.11%	0.004%
89	7.291	7.267	7.326	HH	1087	16079	0.49%	0.018%

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90	7.361	7.326	7.399	HH	360	9301	0.28%	0.010%
91	7.412	7.399	7.444	HH	220	2777	0.08%	0.003%
92	7.465	7.444	7.490	HH	220	3529	0.11%	0.004%
93	7.506	7.490	7.514	PH	113	525	0.02%	0.001%
94	7.520	7.514	7.527	HH	70	253	0.01%	0.000%
95	7.532	7.527	7.552	PH	47	-28	-0.00%	-0.000%
96	7.580	7.552	7.620	PH	245	2473	0.08%	0.003%
97	7.629	7.620	7.636	PH	138	592	0.02%	0.001%
98	7.642	7.636	7.652	HH	106	559	0.02%	0.001%
99	7.656	7.652	7.667	HH	127	513	0.02%	0.001%
100	7.725	7.667	7.734	PH	499	9528	0.29%	0.011%
101	7.741	7.734	7.759	HH	532	6702	0.20%	0.007%
102	7.764	7.759	7.788	HH	475	6175	0.19%	0.007%
103	7.812	7.788	7.842	HH	372	8850	0.27%	0.010%
104	7.859	7.842	7.872	HH	454	6567	0.20%	0.007%
105	7.879	7.872	7.884	HH	510	3206	0.10%	0.004%
106	7.893	7.884	7.926	HH	692	12126	0.37%	0.014%
107	7.929	7.926	7.939	HH	418	3071	0.09%	0.003%
108	7.946	7.939	7.962	HH	404	4989	0.15%	0.006%
109	7.986	7.962	8.007	HH	1023	18866	0.57%	0.021%
110	8.063	8.007	8.081	HH	988	31800	0.97%	0.036%
111	8.093	8.081	8.109	HH	1249	17729	0.54%	0.020%
112	8.126	8.109	8.139	HH	1312	20132	0.61%	0.023%
113	8.162	8.139	8.198	HH	2652	51463	1.56%	0.058%
114	8.225	8.198	8.256	HH	14680	202278	6.14%	0.226%
115	8.277	8.256	8.359	HH	10105	221513	6.73%	0.248%
116	8.366	8.359	8.394	HH	1238	22778	0.69%	0.025%
117	8.399	8.394	8.404	HH	923	5377	0.16%	0.006%
118	8.409	8.404	8.463	HH	920	25761	0.78%	0.029%
119	8.472	8.463	8.477	HH	625	5010	0.15%	0.006%
120	8.516	8.477	8.527	HH	919	21885	0.66%	0.024%
121	8.570	8.527	8.601	HH	5464	101791	3.09%	0.114%
122	8.617	8.601	8.638	HH	1697	35265	1.07%	0.039%
123	8.643	8.638	8.648	HH	1552	8649	0.26%	0.010%
124	8.652	8.648	8.674	HH	1530	21975	0.67%	0.025%
125	8.698	8.674	8.730	HH	1966	46561	1.41%	0.052%
126	8.773	8.730	8.777	HH	1115	27693	0.84%	0.031%
127	8.812	8.777	8.834	HH	1810	46271	1.41%	0.052%
128	8.853	8.834	8.867	HH	2013	33497	1.02%	0.037%
129	8.884	8.867	8.894	HH	2293	32569	0.99%	0.036%
130	8.902	8.894	8.959	HH	2195	59330	1.80%	0.066%
131	8.983	8.959	9.006	HH	3562	59167	1.80%	0.066%
132	9.022	9.006	9.103	HH	1816	67508	2.05%	0.076%
133	9.108	9.103	9.112	HH	872	4836	0.15%	0.005%
134	9.135	9.112	9.157	HH	1697	32658	0.99%	0.037%
135	9.171	9.157	9.201	HH	1461	30875	0.94%	0.035%
136	9.224	9.201	9.251	HH	1602	37462	1.14%	0.042%
137	9.273	9.251	9.297	HH	1508	33623	1.02%	0.038%
138	9.320	9.297	9.339	HH	2138	41392	1.26%	0.046%
139	9.361	9.339	9.413	HH	4856	128608	3.91%	0.144%
140	9.433	9.413	9.461	HH	2313	54264	1.65%	0.061%
141	9.505	9.461	9.531	HH	3035	90869	2.76%	0.102%

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142	9.537	9.531	9.551	HH	1891	21548	0.65%	0.024%
143	9.565	9.551	9.579	HH	1994	31126	0.95%	0.035%
144	9.595	9.579	9.610	HH	2497	38751	1.18%	0.043%
145	9.622	9.610	9.659	HH	1972	48139	1.46%	0.054%
146	9.683	9.659	9.697	HH	2965	54188	1.65%	0.061%
147	9.702	9.697	9.742	HH	2692	55082	1.67%	0.062%
148	9.762	9.742	9.804	HH	4242	102179	3.10%	0.114%
149	9.815	9.804	9.850	HH	2413	60004	1.82%	0.067%
150	9.856	9.850	9.859	HH	2075	10748	0.33%	0.012%
151	9.864	9.859	9.899	HH	2085	41630	1.26%	0.047%
152	9.936	9.899	10.002	HH	1714	91617	2.78%	0.102%
153	10.078	10.002	10.082	HH	1708	68293	2.07%	0.076%
154	10.116	10.082	10.132	HH	2187	60088	1.82%	0.067%
155	10.150	10.132	10.172	HH	2764	54176	1.65%	0.061%
156	10.210	10.172	10.224	HH	2844	74836	2.27%	0.084%
157	10.242	10.224	10.266	HH	3319	69948	2.12%	0.078%
158	10.285	10.266	10.318	HH	3023	76586	2.33%	0.086%
159	10.355	10.318	10.396	HH	3426	121565	3.69%	0.136%
160	10.431	10.396	10.447	HH	4188	106286	3.23%	0.119%
161	10.457	10.447	10.477	HH	4129	68500	2.08%	0.077%
162	10.501	10.477	10.516	HH	5533	98107	2.98%	0.110%
163	10.526	10.516	10.542	HH	4017	57588	1.75%	0.064%
164	10.570	10.542	10.619	HH	5972	192584	5.85%	0.215%
165	10.629	10.619	10.648	HH	3073	51588	1.57%	0.058%
166	10.662	10.648	10.682	HH	3296	62489	1.90%	0.070%
167	10.691	10.682	10.707	HH	3057	42635	1.29%	0.048%
168	10.727	10.707	10.736	HH	4155	62841	1.91%	0.070%
169	10.761	10.736	10.818	HH	68621	1025434	31.14%	1.147%
170	10.840	10.818	10.994	HH	20269	695566	21.12%	0.778%
171	11.011	10.994	11.017	HH	3398	46091	1.40%	0.052%
172	11.030	11.017	11.043	HH	3592	53684	1.63%	0.060%
173	11.072	11.043	11.116	HH	7291	222813	6.77%	0.249%
174	11.131	11.116	11.146	HH	4462	78027	2.37%	0.087%
175	11.178	11.146	11.183	HH	4541	94097	2.86%	0.105%
176	11.204	11.183	11.220	HH	6701	121693	3.70%	0.136%
177	11.231	11.220	11.266	HH	5182	129128	3.92%	0.144%
178	11.294	11.266	11.339	HH	7912	233849	7.10%	0.262%
179	11.360	11.339	11.376	HH	4920	97494	2.96%	0.109%
180	11.399	11.376	11.432	HH	5674	163460	4.96%	0.183%
181	11.450	11.432	11.504	HH	7021	231796	7.04%	0.259%
182	11.522	11.504	11.539	HH	4895	97316	2.96%	0.109%
183	11.567	11.539	11.583	HH	13008	219817	6.68%	0.246%
184	11.600	11.583	11.646	HH	15287	346679	10.53%	0.388%
185	11.679	11.646	11.700	HH	17907	344880	10.47%	0.386%
186	11.715	11.700	11.729	HH	11565	173052	5.26%	0.194%
187	11.746	11.729	11.796	HH	13595	337533	10.25%	0.378%
188	11.817	11.796	11.834	HH	5568	123045	3.74%	0.138%
189	11.876	11.834	11.894	HH	8272	241974	7.35%	0.271%
190	11.901	11.894	11.923	HH	6352	102592	3.12%	0.115%
191	11.962	11.923	12.018	HH	10192	438573	13.32%	0.491%
192	12.042	12.018	12.092	HH	11100	353146	10.72%	0.395%
193	12.130	12.092	12.177	HH	34086	680487	20.67%	0.761%
194	12.183	12.177	12.209	HH	7742	138742	4.21%	0.155%

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195	12.240	12.209	12.251	HH	6774	166540	5.06%	0.186%
196	12.290	12.251	12.304	HH	8096	228141	6.93%	0.255%
197	12.312	12.304	12.342	HH	7854	167723	5.09%	0.188%
198	12.360	12.342	12.373	HH	9084	152774	4.64%	0.171%
199	12.377	12.373	12.398	HH	8568	117115	3.56%	0.131%
200	12.434	12.398	12.451	HH	13106	304916	9.26%	0.341%
201	12.468	12.451	12.489	HH	15153	280933	8.53%	0.314%
202	12.519	12.489	12.559	HH	13357	450276	13.67%	0.504%
203	12.585	12.559	12.649	HH	153191	2269502	68.92%	2.539%
204	12.670	12.649	12.705	HH	10816	321737	9.77%	0.360%
205	12.732	12.705	12.756	HH	12092	320435	9.73%	0.358%
206	12.774	12.756	12.797	HH	13555	283448	8.61%	0.317%
207	12.831	12.797	12.857	HH	11113	369251	11.21%	0.413%
208	12.884	12.857	12.925	HH	139570	1950535	59.24%	2.182%
209	12.943	12.925	12.960	HH	19503	335582	10.19%	0.375%
210	12.977	12.960	13.030	HH	20833	570810	17.34%	0.639%
211	13.065	13.030	13.082	HH	13367	356782	10.84%	0.399%
212	13.102	13.082	13.118	HH	13230	263879	8.01%	0.295%
213	13.133	13.118	13.145	HH	13516	200897	6.10%	0.225%
214	13.162	13.145	13.193	HH	16001	391790	11.90%	0.438%
215	13.217	13.193	13.237	HH	12498	304883	9.26%	0.341%
216	13.246	13.237	13.267	HH	11755	202180	6.14%	0.226%
217	13.290	13.267	13.323	HH	13688	409384	12.43%	0.458%
218	13.351	13.323	13.413	HH	19069	756543	22.98%	0.846%
219	13.418	13.413	13.426	HH	10982	89244	2.71%	0.100%
220	13.481	13.426	13.526	HH	30250	1045008	31.74%	1.169%
221	13.542	13.526	13.564	HH	14186	296559	9.01%	0.332%
222	13.589	13.564	13.609	HH	22359	469526	14.26%	0.525%
223	13.628	13.609	13.651	HH	22068	457955	13.91%	0.512%
224	13.664	13.651	13.694	HH	16594	380241	11.55%	0.425%
225	13.722	13.694	13.738	HH	20599	458353	13.92%	0.513%
226	13.756	13.738	13.781	HH	22854	481239	14.61%	0.538%
227	13.799	13.781	13.851	HH	20128	674121	20.47%	0.754%
228	13.886	13.851	13.902	HH	15143	449211	13.64%	0.503%
229	13.928	13.902	13.944	HH	15269	372942	11.33%	0.417%
230	13.963	13.944	13.991	HH	15520	420874	12.78%	0.471%
231	13.994	13.991	14.041	HH	14730	432756	13.14%	0.484%
232	14.069	14.041	14.096	HH	15787	497218	15.10%	0.556%
233	14.118	14.096	14.139	HH	16795	408124	12.39%	0.457%
234	14.192	14.139	14.205	HH	18987	694590	21.09%	0.777%
235	14.234	14.205	14.267	HH	24478	748585	22.73%	0.837%
236	14.286	14.267	14.306	HH	22179	473976	14.39%	0.530%
237	14.321	14.306	14.371	HH	19776	715143	21.72%	0.800%
238	14.401	14.371	14.436	HH	28299	869472	26.41%	0.973%
239	14.462	14.436	14.496	HH	35505	945690	28.72%	1.058%
240	14.514	14.496	14.523	HH	23392	372501	11.31%	0.417%
241	14.542	14.523	14.569	HH	27705	673538	20.45%	0.753%
242	14.578	14.569	14.596	HH	21445	333210	10.12%	0.373%
243	14.624	14.596	14.708	HH	77108	2157695	65.53%	2.414%
244	14.737	14.708	14.750	HH	25799	574865	17.46%	0.643%
245	14.776	14.750	14.797	HH	87719	1513603	45.97%	1.693%
246	14.818	14.797	14.857	HH	90563	1874784	56.94%	2.097%

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247	14.874	14.857	14.908	HH	26501	754442	22.91%	0.844%
248	14.936	14.908	15.006	HH	33958	1633970	49.62%	1.828%
249	15.013	15.006	15.024	HH	25416	267855	8.13%	0.300%
250	15.041	15.024	15.063	HH	25937	597792	18.15%	0.669%
251	15.096	15.063	15.107	HH	30086	716661	21.76%	0.802%
252	15.125	15.107	15.182	HH	30104	1224349	37.18%	1.370%
253	15.215	15.182	15.301	HH	51157	2328395	70.71%	2.605%
254	15.368	15.301	15.391	HH	35927	1635270	49.66%	1.829%
255	15.418	15.391	15.435	HH	34072	819479	24.89%	0.917%
256	15.455	15.435	15.477	HH	42402	904430	27.47%	1.012%
257	15.492	15.477	15.526	HH	34799	946627	28.75%	1.059%
258	15.546	15.526	15.579	HH	31831	974753	29.60%	1.090%
259	15.600	15.579	15.609	HH	36818	621917	18.89%	0.696%
260	15.615	15.609	15.661	HH	37312	1065253	32.35%	1.192%
261	15.692	15.661	15.709	HH	33820	940399	28.56%	1.052%
262	15.739	15.709	15.765	HH	32945	1074923	32.64%	1.202%
263	15.787	15.765	15.807	HH	34130	825494	25.07%	0.923%
264	15.814	15.807	15.824	HH	32265	324814	9.86%	0.363%
265	15.856	15.824	15.881	HH	43192	1254794	38.11%	1.404%
266	15.883	15.881	15.889	HH	34703	173183	5.26%	0.194%
267	15.894	15.889	15.899	HH	34806	206671	6.28%	0.231%
268	15.917	15.899	15.936	HH	36352	767657	23.31%	0.859%
269	15.955	15.936	15.968	HH	34127	647309	19.66%	0.724%
270	15.985	15.968	15.991	HH	33995	467560	14.20%	0.523%
271	16.000	15.991	16.013	HH	34784	457331	13.89%	0.512%
272	16.016	16.013	16.020	HH	34276	139037	4.22%	0.156%
273	16.058	16.020	16.080	HH	38554	1328040	40.33%	1.486%
274	16.101	16.080	16.115	HH	39448	781037	23.72%	0.874%
275	16.150	16.115	16.184	HH	44904	1690207	51.33%	1.891%
276	16.236	16.184	16.276	HH	49396	2405055	73.04%	2.690%
277	16.303	16.276	16.320	HH	45819	1157852	35.16%	1.295%
278	16.349	16.320	16.368	HH	131286	2504056	76.05%	2.801%
279	16.376	16.368	16.407	HH	76298	1456154	44.22%	1.629%
280	16.422	16.407	16.449	HH	48550	1174915	35.68%	1.314%
281	16.482	16.449	16.506	HH	61628	1748385	53.10%	1.956%
282	16.512	16.506	16.524	HH	48352	529258	16.07%	0.592%
283	16.537	16.524	16.547	HH	46733	627673	19.06%	0.702%
284	16.561	16.547	16.582	HH	46960	989209	30.04%	1.107%
285	16.585	16.582	16.587	HH	46436	128174	3.89%	0.143%
286	16.634	16.587	16.648	HH	58650	1888324	57.35%	2.112%
287	16.673	16.648	16.705	HH	101499	2457382	74.63%	2.749%
288	16.733	16.705	16.782	HH	108007	3292791	100.00%	3.684%
289	16.812	16.782	16.821	HH	65238	1390468	42.23%	1.555%
290	16.837	16.821	16.861	HHA	72118	1600876	48.62%	1.791%

Sum of corrected areas: 89392025

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