

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082719\
 Data File : FF005358.D
 Signal(s) : FID2B.ch
 Acq On : 27 Aug 2019 14:14
 Sample : K4514-04MSD
 Misc :
 ALS Vial : 56 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	4.351	4.332	4.419	PH	223766	2083430	49.17%	2.098%
2	4.422	4.419	4.434	PH	58	-27	-0.00%	-0.000%
3	4.451	4.434	4.484	PH	305	-558	-0.01%	-0.001%
4	4.500	4.484	4.525	PH	2663	22539	0.53%	0.023%
5	4.532	4.525	4.559	PH	136	-465	-0.01%	-0.000%
6	4.573	4.559	4.592	PH	328	3642	0.09%	0.004%
7	4.606	4.592	4.622	HH	477	6203	0.15%	0.006%
8	4.639	4.622	4.671	HH	796	11848	0.28%	0.012%
9	4.675	4.671	4.707	PH	-14	-2547	-0.06%	-0.003%
10	4.714	4.707	4.719	PH	-126	-976	-0.02%	-0.001%
11	4.735	4.719	4.748	PH	8	-1276	-0.03%	-0.001%
12	4.765	4.748	4.786	PH	-21	-3293	-0.08%	-0.003%
13	4.789	4.786	4.799	PH	-227	-1880	-0.04%	-0.002%
14	4.823	4.799	4.841	PH	-104	-4580	-0.11%	-0.005%
15	4.844	4.841	4.863	PH	-263	-3670	-0.09%	-0.004%
16	4.867	4.863	4.878	PH	-284	-2740	-0.06%	-0.003%
17	4.884	4.878	4.924	PH	-211	-8433	-0.20%	-0.008%
18	4.943	4.924	4.968	PH	144	-2226	-0.05%	-0.002%
19	4.995	4.968	5.022	PH	-41	-6430	-0.15%	-0.006%
20	5.049	5.022	5.054	PH	-98	-3118	-0.07%	-0.003%
21	5.068	5.054	5.073	PH	-77	-1606	-0.04%	-0.002%
22	5.075	5.073	5.080	PH	-134	-716	-0.02%	-0.001%
23	5.093	5.080	5.116	PH	-66	-3729	-0.09%	-0.004%
24	5.125	5.116	5.138	PH	-184	-3666	-0.09%	-0.004%
25	5.144	5.138	5.150	PH	-306	-2683	-0.06%	-0.003%
26	5.160	5.150	5.179	PH	-261	-6020	-0.14%	-0.006%
27	5.214	5.179	5.241	PH	631	-802	-0.02%	-0.001%
28	5.250	5.241	5.264	PH	-108	-2459	-0.06%	-0.002%
29	5.279	5.264	5.332	PH	-77	-12329	-0.29%	-0.012%
30	5.341	5.332	5.364	PH	-283	-6844	-0.16%	-0.007%
31	5.369	5.364	5.373	PH	-328	-1959	-0.05%	-0.002%
32	5.392	5.373	5.409	PH	1590	11050	0.26%	0.011%
33	5.413	5.409	5.431	PH	-23	-1561	-0.04%	-0.002%
34	5.443	5.431	5.478	PH	-78	-7033	-0.17%	-0.007%
35	5.483	5.478	5.490	PH	-329	-2626	-0.06%	-0.003%
36	5.507	5.490	5.547	PH	117	-4859	-0.11%	-0.005%

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37	5.556	5.547	5.560	PH	-249	-2143	-0.05%	-0.002%
38	5.573	5.560	5.602	PH	-31	-5563	-0.13%	-0.006%
39	5.609	5.602	5.614	PH	-390	-2888	-0.07%	-0.003%
40	5.629	5.614	5.664	PH	-264	-9976	-0.24%	-0.010%
41	5.674	5.664	5.689	PH	-158	-3252	-0.08%	-0.003%
42	5.695	5.689	5.712	PH	-126	-3346	-0.08%	-0.003%
43	5.734	5.712	5.748	PH	-69	-4844	-0.11%	-0.005%
44	5.759	5.748	5.780	PH	-143	-4872	-0.11%	-0.005%
45	5.786	5.780	5.792	PH	-284	-2332	-0.06%	-0.002%
46	5.797	5.792	5.803	PH	-292	-2065	-0.05%	-0.002%
47	5.812	5.803	5.826	PH	-272	-4735	-0.11%	-0.005%
48	5.848	5.826	5.861	PH	-59	-4849	-0.11%	-0.005%
49	5.865	5.861	5.874	PH	-316	-2662	-0.06%	-0.003%
50	5.879	5.874	5.887	PH	-292	-2406	-0.06%	-0.002%
51	5.947	5.887	5.966	PH	615	1062	0.03%	0.001%
52	5.970	5.966	5.982	PH	66	36	0.00%	0.000%
53	5.988	5.982	6.020	PH	23	-2387	-0.06%	-0.002%
54	6.037	6.020	6.060	PH	114	-1612	-0.04%	-0.002%
55	6.094	6.060	6.148	PH	2427	22278	0.53%	0.022%
56	6.156	6.148	6.197	PH	-88	-4301	-0.10%	-0.004%
57	6.221	6.197	6.249	PH	457	3134	0.07%	0.003%
58	6.259	6.249	6.276	PH	102	782	0.02%	0.001%
59	6.296	6.276	6.344	PH	116	-234	-0.01%	-0.000%
60	6.375	6.344	6.438	PH	224900	2242438	52.92%	2.258%
61	6.444	6.438	6.450	HH	354	2321	0.05%	0.002%
62	6.460	6.450	6.469	HH	380	3295	0.08%	0.003%
63	6.485	6.469	6.500	HH	348	4489	0.11%	0.005%
64	6.524	6.500	6.550	HH	1261	17504	0.41%	0.018%
65	6.562	6.550	6.584	HH	608	7766	0.18%	0.008%
66	6.597	6.584	6.617	HH	290	2490	0.06%	0.003%
67	6.651	6.617	6.675	HH	515	8394	0.20%	0.008%
68	6.698	6.675	6.721	HH	661	11215	0.26%	0.011%
69	6.733	6.721	6.750	HH	377	5407	0.13%	0.005%
70	6.774	6.750	6.792	HH	804	13564	0.32%	0.014%
71	6.810	6.792	6.817	HH	477	5989	0.14%	0.006%
72	6.838	6.817	6.853	HH	666	12378	0.29%	0.012%
73	6.873	6.853	6.882	HH	1189	15882	0.37%	0.016%
74	6.895	6.882	6.916	HH	1314	20579	0.49%	0.021%
75	6.934	6.916	6.958	HH	1435	24109	0.57%	0.024%
76	6.980	6.958	6.989	HH	1377	18276	0.43%	0.018%
77	7.003	6.989	7.020	HH	2010	29763	0.70%	0.030%
78	7.032	7.020	7.058	HH	1751	28602	0.67%	0.029%
79	7.077	7.058	7.117	HH	3594	62478	1.47%	0.063%
80	7.135	7.117	7.156	HH	2239	34356	0.81%	0.035%
81	7.176	7.156	7.193	HH	1840	31038	0.73%	0.031%
82	7.201	7.193	7.237	HH	1209	25407	0.60%	0.026%
83	7.261	7.237	7.273	HH	1296	24078	0.57%	0.024%
84	7.299	7.273	7.330	HH	6699	94554	2.23%	0.095%
85	7.349	7.330	7.357	HH	1264	17996	0.42%	0.018%
86	7.386	7.357	7.405	HH	1580	38240	0.90%	0.039%
87	7.430	7.405	7.445	HH	1440	30630	0.72%	0.031%
88	7.473	7.445	7.500	HH	2634	59256	1.40%	0.060%
89	7.527	7.500	7.541	HH	1728	34883	0.82%	0.035%

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90	7.556	7.541	7.568	HH	1545	22127	0.52%	0.022%
91	7.588	7.568	7.608	HH	2365	43189	1.02%	0.043%
92	7.635	7.608	7.652	HH	2431	51046	1.20%	0.051%
93	7.666	7.652	7.688	HH	1918	38595	0.91%	0.039%
94	7.694	7.688	7.698	HH	1705	9070	0.21%	0.009%
95	7.727	7.698	7.743	HH	3119	66875	1.58%	0.067%
96	7.753	7.743	7.767	HH	2790	38142	0.90%	0.038%
97	7.776	7.767	7.796	HH	2871	41822	0.99%	0.042%
98	7.819	7.796	7.840	HH	2992	62177	1.47%	0.063%
99	7.867	7.840	7.885	HH	4379	84258	1.99%	0.085%
100	7.915	7.885	7.945	HH	4243	123966	2.93%	0.125%
101	7.991	7.945	8.029	HH	8991	224878	5.31%	0.226%
102	8.045	8.029	8.062	HH	4092	76750	1.81%	0.077%
103	8.096	8.062	8.113	HH	6258	146595	3.46%	0.148%
104	8.129	8.113	8.143	HH	5818	95617	2.26%	0.096%
105	8.170	8.143	8.203	HH	219563	2424173	57.21%	2.441%
106	8.229	8.203	8.305	HH	33022	631574	14.90%	0.636%
107	8.330	8.305	8.367	HH	9695	209498	4.94%	0.211%
108	8.370	8.367	8.375	HH	4033	19046	0.45%	0.019%
109	8.387	8.375	8.404	HH	4215	68680	1.62%	0.069%
110	8.419	8.404	8.430	HH	4305	62111	1.47%	0.063%
111	8.453	8.430	8.485	HH	4764	135684	3.20%	0.137%
112	8.500	8.485	8.509	HH	3975	53003	1.25%	0.053%
113	8.528	8.509	8.537	HH	5254	75793	1.79%	0.076%
114	8.576	8.537	8.605	HH	10846	275726	6.51%	0.278%
115	8.626	8.605	8.646	HH	9318	166190	3.92%	0.167%
116	8.661	8.646	8.675	HH	6329	101043	2.38%	0.102%
117	8.706	8.675	8.740	HH	15328	318106	7.51%	0.320%
118	8.760	8.740	8.771	HH	5841	99116	2.34%	0.100%
119	8.783	8.771	8.799	HH	5754	88574	2.09%	0.089%
120	8.819	8.799	8.837	HH	7755	147449	3.48%	0.148%
121	8.854	8.837	8.873	HH	7579	143439	3.39%	0.144%
122	8.888	8.873	8.899	HH	6256	91808	2.17%	0.092%
123	8.913	8.899	8.919	HH	6559	76065	1.80%	0.077%
124	8.937	8.919	8.952	HH	6704	124316	2.93%	0.125%
125	8.957	8.952	8.961	HH	6024	31186	0.74%	0.031%
126	8.964	8.961	8.967	HH	5976	20474	0.48%	0.021%
127	8.992	8.967	9.014	HH	22480	356592	8.42%	0.359%
128	9.026	9.014	9.057	HH	8449	171182	4.04%	0.172%
129	9.079	9.057	9.104	HH	6086	146250	3.45%	0.147%
130	9.142	9.104	9.161	HH	8006	198770	4.69%	0.200%
131	9.176	9.161	9.209	HH	6206	154072	3.64%	0.155%
132	9.226	9.209	9.244	HH	5086	100354	2.37%	0.101%
133	9.280	9.244	9.308	HH	7593	237197	5.60%	0.239%
134	9.323	9.308	9.341	HH	7047	122627	2.89%	0.123%
135	9.366	9.341	9.407	HH	12453	357242	8.43%	0.360%
136	9.413	9.407	9.420	HH	6925	53472	1.26%	0.054%
137	9.443	9.420	9.475	HH	11633	282498	6.67%	0.284%
138	9.500	9.475	9.518	HH	8462	193119	4.56%	0.194%
139	9.550	9.518	9.592	HH	8385	315653	7.45%	0.318%
140	9.608	9.592	9.628	HH	5868	120043	2.83%	0.121%
141	9.641	9.628	9.663	HH	5553	113482	2.68%	0.114%

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142	9.690	9.663	9.704	HH	8008	168499	3.98%	0.170%
143	9.717	9.704	9.721	HH	7732	81472	1.92%	0.082%
144	9.774	9.721	9.865	HH	225308	3176927	74.97%	3.199%
145	9.876	9.865	9.920	HH	8141	227539	5.37%	0.229%
146	9.946	9.920	9.980	HH	7344	230741	5.45%	0.232%
147	9.983	9.980	9.994	HH	5926	47895	1.13%	0.048%
148	10.004	9.994	10.026	HH	5798	104092	2.46%	0.105%
149	10.050	10.026	10.066	HH	5931	133383	3.15%	0.134%
150	10.112	10.066	10.134	HH	8417	276280	6.52%	0.278%
151	10.161	10.134	10.187	HH	18437	371920	8.78%	0.374%
152	10.213	10.187	10.229	HH	10486	213071	5.03%	0.215%
153	10.249	10.229	10.270	HH	10890	219947	5.19%	0.221%
154	10.286	10.270	10.294	HH	9296	122341	2.89%	0.123%
155	10.306	10.294	10.340	HH	9867	216798	5.12%	0.218%
156	10.359	10.340	10.394	HH	8018	228051	5.38%	0.230%
157	10.436	10.394	10.456	HH	9347	310070	7.32%	0.312%
158	10.465	10.456	10.480	HH	8790	115821	2.73%	0.117%
159	10.512	10.480	10.552	HH	28051	580807	13.71%	0.585%
160	10.586	10.552	10.627	HH	29725	659311	15.56%	0.664%
161	10.636	10.627	10.680	HH	8137	238387	5.63%	0.240%
162	10.706	10.680	10.710	HH	7143	119393	2.82%	0.120%
163	10.728	10.710	10.743	HH	7793	146123	3.45%	0.147%
164	10.768	10.743	10.815	HH	41786	744060	17.56%	0.749%
165	10.848	10.815	10.876	HH	15375	399028	9.42%	0.402%
166	10.905	10.876	10.922	HH	10328	255124	6.02%	0.257%
167	10.926	10.922	10.946	HH	8227	108205	2.55%	0.109%
168	10.968	10.946	11.003	HH	8819	259605	6.13%	0.261%
169	11.023	11.003	11.055	HH	7964	221628	5.23%	0.223%
170	11.077	11.055	11.101	HH	9759	231878	5.47%	0.233%
171	11.118	11.101	11.125	HH	7812	104021	2.45%	0.105%
172	11.145	11.125	11.170	HH	8427	219094	5.17%	0.221%
173	11.219	11.170	11.278	HH	213114	2880628	67.98%	2.900%
174	11.309	11.278	11.347	HH	16828	434952	10.26%	0.438%
175	11.370	11.347	11.395	HH	7368	196413	4.64%	0.198%
176	11.423	11.395	11.449	HH	7997	230894	5.45%	0.232%
177	11.457	11.449	11.463	HH	7035	59821	1.41%	0.060%
178	11.483	11.463	11.487	HH	7778	106321	2.51%	0.107%
179	11.490	11.487	11.495	HH	7857	38918	0.92%	0.039%
180	11.508	11.495	11.541	HH	8430	219951	5.19%	0.221%
181	11.575	11.541	11.591	HH	12537	278967	6.58%	0.281%
182	11.608	11.591	11.640	HH	14543	315150	7.44%	0.317%
183	11.655	11.640	11.662	HH	8422	102104	2.41%	0.103%
184	11.689	11.662	11.710	HH	16077	335582	7.92%	0.338%
185	11.722	11.710	11.739	HH	10802	170212	4.02%	0.171%
186	11.757	11.739	11.800	HH	10592	302843	7.15%	0.305%
187	11.828	11.800	11.844	HH	8038	184824	4.36%	0.186%
188	11.889	11.844	11.924	HH	23707	585088	13.81%	0.589%
189	11.953	11.924	11.968	HH	8827	208997	4.93%	0.210%
190	11.979	11.968	12.032	HH	8670	293141	6.92%	0.295%
191	12.050	12.032	12.070	HH	8899	180847	4.27%	0.182%
192	12.079	12.070	12.085	HH	7577	71146	1.68%	0.072%
193	12.103	12.085	12.114	HH	7935	131660	3.11%	0.133%
194	12.143	12.114	12.212	HH	66607	1153958	27.23%	1.162%

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195	12.221	12.212	12.241	HH	8189	135254	3.19%	0.136%
196	12.255	12.241	12.265	HH	7915	114249	2.70%	0.115%
197	12.270	12.265	12.284	HH	7862	88090	2.08%	0.089%
198	12.303	12.284	12.339	HH	8903	258923	6.11%	0.261%
199	12.365	12.339	12.382	HH	9006	210874	4.98%	0.212%
200	12.387	12.382	12.410	HH	7938	119987	2.83%	0.121%
201	12.447	12.410	12.457	HH	8277	210097	4.96%	0.212%
202	12.476	12.457	12.497	HH	12037	238264	5.62%	0.240%
203	12.533	12.497	12.567	HH	202226	2625627	61.96%	2.644%
204	12.592	12.567	12.656	HH	112637	1674781	39.52%	1.686%
205	12.661	12.656	12.663	HH	7517	33926	0.80%	0.034%
206	12.668	12.663	12.707	HH	7634	187667	4.43%	0.189%
207	12.727	12.707	12.734	HH	6982	108960	2.57%	0.110%
208	12.783	12.734	12.802	HH	10457	333906	7.88%	0.336%
209	12.815	12.802	12.864	HH	8462	283637	6.69%	0.286%
210	12.891	12.864	12.928	HH	96071	1329052	31.37%	1.338%
211	12.950	12.928	12.968	HH	18427	322257	7.61%	0.324%
212	12.984	12.968	13.017	HH	14911	323957	7.65%	0.326%
213	13.028	13.017	13.049	HH	8030	149633	3.53%	0.151%
214	13.070	13.049	13.085	HH	9253	182144	4.30%	0.183%
215	13.100	13.085	13.124	HH	9564	204882	4.84%	0.206%
216	13.147	13.124	13.203	HH	16786	524908	12.39%	0.528%
217	13.220	13.203	13.239	HH	8280	170504	4.02%	0.172%
218	13.250	13.239	13.276	HH	7966	163544	3.86%	0.165%
219	13.297	13.276	13.314	HH	8623	180762	4.27%	0.182%
220	13.319	13.314	13.330	HH	8210	80399	1.90%	0.081%
221	13.357	13.330	13.362	HH	12155	199641	4.71%	0.201%
222	13.374	13.362	13.436	HH	13189	400865	9.46%	0.404%
223	13.488	13.436	13.537	HH	22685	694254	16.38%	0.699%
224	13.552	13.537	13.569	HH	8917	161547	3.81%	0.163%
225	13.594	13.569	13.618	HH	19812	384333	9.07%	0.387%
226	13.634	13.618	13.656	HH	12910	252300	5.95%	0.254%
227	13.680	13.656	13.704	HH	13616	332978	7.86%	0.335%
228	13.736	13.704	13.785	HH	186627	2704026	63.81%	2.722%
229	13.807	13.785	13.858	HH	11709	411780	9.72%	0.415%
230	13.886	13.858	13.905	HH	8700	235849	5.57%	0.237%
231	13.965	13.905	13.987	HH	9127	421523	9.95%	0.424%
232	13.995	13.987	14.017	HH	8693	155661	3.67%	0.157%
233	14.022	14.017	14.040	HH	8670	116893	2.76%	0.118%
234	14.097	14.040	14.109	HH	9401	367596	8.68%	0.370%
235	14.132	14.109	14.155	HH	12726	305093	7.20%	0.307%
236	14.173	14.155	14.177	HH	11171	141320	3.34%	0.142%
237	14.194	14.177	14.219	HH	11533	275928	6.51%	0.278%
238	14.241	14.219	14.269	HH	12266	332417	7.84%	0.335%
239	14.304	14.269	14.328	HH	28381	623391	14.71%	0.628%
240	14.357	14.328	14.387	HH	78825	1290529	30.46%	1.299%
241	14.407	14.387	14.444	HH	19201	512292	12.09%	0.516%
242	14.469	14.444	14.501	HH	22424	551949	13.03%	0.556%
243	14.520	14.501	14.537	HH	15569	309377	7.30%	0.311%
244	14.541	14.537	14.570	HH	14574	263156	6.21%	0.265%
245	14.594	14.570	14.609	HH	14611	297846	7.03%	0.300%
246	14.639	14.609	14.718	HH	142957	2580373	60.90%	2.598%

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247	14.741	14.718	14.754	HH	13913	270649	6.39%	0.272%
248	14.781	14.754	14.802	HH	61247	997503	23.54%	1.004%
249	14.843	14.802	14.875	HH	197054	3575215	84.37%	3.600%
250	14.887	14.875	14.917	HH	15682	363304	8.57%	0.366%
251	14.944	14.917	15.004	HH	25443	885245	20.89%	0.891%
252	15.041	15.004	15.069	HH	16360	569306	13.44%	0.573%
253	15.099	15.069	15.115	HH	17603	445948	10.52%	0.449%
254	15.129	15.115	15.160	HH	17532	433985	10.24%	0.437%
255	15.180	15.160	15.195	HH	16350	331056	7.81%	0.333%
256	15.223	15.195	15.307	HH	94861	2345101	55.34%	2.361%
257	15.324	15.307	15.335	HH	16517	268999	6.35%	0.271%
258	15.366	15.335	15.397	HH	32250	822253	19.40%	0.828%
259	15.436	15.397	15.454	HH	41400	927298	21.88%	0.934%
260	15.461	15.454	15.483	HH	26217	404365	9.54%	0.407%
261	15.499	15.483	15.525	HH	21062	478809	11.30%	0.482%
262	15.549	15.525	15.580	HH	20430	623158	14.71%	0.627%
263	15.604	15.580	15.610	HH	23565	372747	8.80%	0.375%
264	15.620	15.610	15.659	HH	24673	648776	15.31%	0.653%
265	15.664	15.659	15.668	HH	18874	97122	2.29%	0.098%
266	15.695	15.668	15.723	HH	21702	655804	15.48%	0.660%
267	15.745	15.723	15.772	HH	21689	583673	13.77%	0.588%
268	15.789	15.772	15.822	HH	19956	573874	13.54%	0.578%
269	15.871	15.822	15.923	HH	202174	3580533	84.50%	3.605%
270	15.934	15.923	15.954	HH	20555	365688	8.63%	0.368%
271	15.971	15.954	15.983	HH	19648	344065	8.12%	0.346%
272	16.003	15.983	16.028	HH	20305	536988	12.67%	0.541%
273	16.067	16.028	16.086	HH	22129	741843	17.51%	0.747%
274	16.104	16.086	16.120	HH	22307	430822	10.17%	0.434%
275	16.167	16.120	16.199	HH	27451	1165616	27.51%	1.174%
276	16.249	16.199	16.287	HH	33167	1459542	34.44%	1.469%
277	16.320	16.287	16.326	HH	30810	666469	15.73%	0.671%
278	16.353	16.326	16.412	HH	109828	2843928	67.12%	2.863%
279	16.430	16.412	16.458	HH	30594	788575	18.61%	0.794%
280	16.487	16.458	16.513	HH	40421	1081399	25.52%	1.089%
281	16.524	16.513	16.540	HH	29438	457640	10.80%	0.461%
282	16.546	16.540	16.590	HH	28705	848618	20.03%	0.854%
283	16.676	16.590	16.707	HH	71628	2684101	63.34%	2.702%
284	16.736	16.707	16.779	HH	78231	1995602	47.10%	2.009%
285	16.829	16.779	16.861	HH	216074	4237367	100.00%	4.266%
286	16.873	16.861	16.880	HHA	40705	489245	11.55%	0.493%
			Sum of corrected areas:			99323873		

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