

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071219\
 Data File : FE030135.D
 Signal(s) : FID1B.CH
 Acq On : 12 Jul 2019 13:31
 Sample : K3768-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Integration File: sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\C44-FE062019.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.444	2.399	2.576	BV	53	3831	0.10%	0.008%
2	2.591	2.576	2.621	PV	952	9377	0.24%	0.020%
3	2.645	2.621	2.939	VV	668	44574	1.14%	0.097%
4	2.945	2.939	2.956	VV	188	1047	0.03%	0.002%
5	2.964	2.956	3.005	VV	171	2866	0.07%	0.006%
6	3.011	3.005	3.057	VV	223	3199	0.08%	0.007%
7	3.078	3.057	3.125	PV	181	5073	0.13%	0.011%
8	3.133	3.125	3.220	VV	222	5479	0.14%	0.012%
9	3.228	3.220	3.239	PV	56	474	0.01%	0.001%
10	3.246	3.239	3.265	VV	122	1567	0.04%	0.003%
11	3.272	3.265	3.302	VV	121	1971	0.05%	0.004%
12	3.308	3.302	3.343	VV	185	2055	0.05%	0.004%
13	3.356	3.343	3.420	PV	108	5167	0.13%	0.011%
14	3.434	3.420	3.479	PV	187	3631	0.09%	0.008%
15	3.489	3.479	3.514	VV	327	3226	0.08%	0.007%
16	3.523	3.514	3.555	PV	177	2358	0.06%	0.005%
17	3.559	3.555	3.631	VV	201	4783	0.12%	0.010%
18	3.642	3.631	3.675	VV	154	2674	0.07%	0.006%
19	3.686	3.675	3.715	VV	162	2153	0.05%	0.005%
20	3.725	3.715	3.860	VV	156	4539	0.12%	0.010%
21	3.888	3.860	3.929	VV	228	3201	0.08%	0.007%
22	3.937	3.929	3.952	VV	144	1173	0.03%	0.003%
23	3.975	3.952	4.035	VV	167	4726	0.12%	0.010%
24	4.061	4.035	4.095	PV	160	3609	0.09%	0.008%
25	4.111	4.095	4.135	VV	206	2581	0.07%	0.006%
26	4.142	4.135	4.152	VV	141	1069	0.03%	0.002%
27	4.172	4.152	4.189	VV	198	2155	0.05%	0.005%
28	4.203	4.189	4.212	PV	136	1250	0.03%	0.003%
29	4.221	4.212	4.256	VV	195	2580	0.07%	0.006%
30	4.264	4.256	4.325	PV	154	2760	0.07%	0.006%
31	4.333	4.325	4.355	VV	95	1122	0.03%	0.002%
32	4.380	4.355	4.426	VV	256	5470	0.14%	0.012%
33	4.440	4.426	4.472	VV	530	7018	0.18%	0.015%
34	4.480	4.472	4.495	VV	128	1019	0.03%	0.002%
35	4.511	4.495	4.569	VV	155	2676	0.07%	0.006%
36	4.579	4.569	4.602	VV	135	2213	0.06%	0.005%

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37	4.625	4.602	4.666	VV	188	3723	0.09%	0.008%
38	4.672	4.666	4.739	VV	156	4589	0.12%	0.010%
39	4.749	4.739	4.762	PV	217	1502	0.04%	0.003%
40	4.773	4.762	4.785	VV	225	1883	0.05%	0.004%
41	4.795	4.785	4.803	VV	205	1754	0.04%	0.004%
42	4.812	4.803	4.831	VV	214	2513	0.06%	0.005%
43	4.845	4.831	4.888	VV	244	5337	0.14%	0.012%
44	5.012	4.888	5.065	VV	521	36575	0.93%	0.080%
45	5.074	5.065	5.086	VV	529	6333	0.16%	0.014%
46	5.099	5.086	5.109	VV	544	7147	0.18%	0.016%
47	5.120	5.109	5.142	VV	516	9501	0.24%	0.021%
48	5.160	5.142	5.179	VV	554	11206	0.29%	0.024%
49	5.188	5.179	5.197	VV	545	5167	0.13%	0.011%
50	5.207	5.197	5.249	VV	543	15261	0.39%	0.033%
51	5.267	5.249	5.287	VV	554	10444	0.27%	0.023%
52	5.295	5.287	5.340	VV	428	11832	0.30%	0.026%
53	5.360	5.340	5.389	VV	393	9565	0.24%	0.021%
54	5.394	5.389	5.420	VV	337	5370	0.14%	0.012%
55	5.450	5.420	5.482	VV	298	8961	0.23%	0.020%
56	5.487	5.482	5.529	VV	291	6972	0.18%	0.015%
57	5.534	5.529	5.546	VV	296	2984	0.08%	0.007%
58	5.579	5.546	5.599	VV	406	9163	0.23%	0.020%
59	5.606	5.599	5.645	VV	295	6411	0.16%	0.014%
60	5.656	5.645	5.679	VV	236	4143	0.11%	0.009%
61	5.686	5.679	5.699	VV	193	2155	0.05%	0.005%
62	5.713	5.699	5.733	VV	210	3652	0.09%	0.008%
63	5.772	5.733	5.798	VV	224	6033	0.15%	0.013%
64	5.817	5.798	5.832	VV	199	3034	0.08%	0.007%
65	5.841	5.832	5.860	VV	232	2030	0.05%	0.004%
66	5.870	5.860	5.882	VV	144	1371	0.03%	0.003%
67	5.899	5.882	5.917	VV	186	2808	0.07%	0.006%
68	5.928	5.917	5.957	VV	191	2682	0.07%	0.006%
69	5.995	5.957	6.039	VV	211	5305	0.14%	0.012%
70	6.068	6.039	6.120	VV	1169	16219	0.41%	0.035%
71	6.128	6.120	6.169	VV	212	5012	0.13%	0.011%
72	6.202	6.169	6.254	VV	327	12367	0.32%	0.027%
73	6.268	6.254	6.275	VV	338	3260	0.08%	0.007%
74	6.283	6.275	6.345	VV	337	9758	0.25%	0.021%
75	6.377	6.345	6.437	VV	328	12088	0.31%	0.026%
76	6.446	6.437	6.480	VV	253	4747	0.12%	0.010%
77	6.493	6.480	6.523	PV	159	3631	0.09%	0.008%
78	6.538	6.523	6.566	VV	216	4501	0.11%	0.010%
79	6.582	6.566	6.594	VV	208	2557	0.07%	0.006%
80	6.641	6.594	6.825	VV	364	37034	0.94%	0.081%
81	6.845	6.825	6.893	VV	301	8345	0.21%	0.018%
82	6.905	6.893	6.924	VV	219	3145	0.08%	0.007%
83	6.935	6.924	6.952	VV	231	2744	0.07%	0.006%
84	7.069	6.952	7.080	VV	294	15672	0.40%	0.034%
85	7.093	7.080	7.119	VV	175	3876	0.10%	0.008%
86	7.138	7.119	7.188	VV	198	6448	0.16%	0.014%
87	7.222	7.188	7.295	VV	228	9621	0.25%	0.021%
88	7.320	7.295	7.360	VV	155	5575	0.14%	0.012%
89	7.374	7.360	7.422	VV	140	3808	0.10%	0.008%

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90	7.444	7.422	7.509	VV	183	5215	0.13%	0.011%
91	7.682	7.509	7.835	VV	1148	68096	1.74%	0.149%
92	7.877	7.835	8.149	VV	914	63637	1.62%	0.139%
93	8.218	8.149	8.285	PV	770	31351	0.80%	0.068%
94	8.309	8.285	8.929	VV	18400	1563324	39.87%	3.414%
95	8.955	8.929	9.051	VV	915	44756	1.14%	0.098%
96	9.082	9.051	9.118	VV	521	19844	0.51%	0.043%
97	9.143	9.118	9.294	VV	639	36531	0.93%	0.080%
98	9.310	9.294	9.342	VV	307	6405	0.16%	0.014%
99	9.369	9.342	9.425	VV	285	9727	0.25%	0.021%
100	9.472	9.425	9.499	VV	250	8580	0.22%	0.019%
101	9.516	9.499	9.549	VV	194	4917	0.13%	0.011%
102	9.567	9.549	9.602	VV	218	5234	0.13%	0.011%
103	9.629	9.602	9.716	VV	496	15206	0.39%	0.033%
104	9.839	9.716	9.870	PV	834	29797	0.76%	0.065%
105	9.911	9.870	9.972	VV	696	36218	0.92%	0.079%
106	9.987	9.972	10.082	VV	555	28276	0.72%	0.062%
107	10.101	10.082	10.122	VV	430	8341	0.21%	0.018%
108	10.172	10.122	10.219	VV	577	26410	0.67%	0.058%
109	10.232	10.219	10.269	VV	436	11641	0.30%	0.025%
110	10.307	10.269	10.429	VV	488	27400	0.70%	0.060%
111	10.452	10.429	10.501	VV	277	6403	0.16%	0.014%
112	10.554	10.501	10.667	VV	659	33839	0.86%	0.074%
113	10.749	10.667	10.832	VV	347	23606	0.60%	0.052%
114	10.862	10.832	10.886	VV	464	8740	0.22%	0.019%
115	10.925	10.886	10.955	VV	321	9830	0.25%	0.021%
116	11.001	10.955	11.036	VV	252	9687	0.25%	0.021%
117	11.054	11.036	11.095	VV	220	6029	0.15%	0.013%
118	11.184	11.095	11.209	VV	711	33176	0.85%	0.072%
119	11.235	11.209	11.276	VV	1650	41358	1.05%	0.090%
120	11.296	11.276	11.322	VV	957	23400	0.60%	0.051%
121	11.342	11.322	11.405	VV	941	34006	0.87%	0.074%
122	11.428	11.405	11.453	VV	489	11594	0.30%	0.025%
123	11.625	11.453	11.655	VV	686	64923	1.66%	0.142%
124	11.663	11.655	11.695	VV	567	10732	0.27%	0.023%
125	11.776	11.695	11.869	VV	1250	89964	2.29%	0.196%
126	11.889	11.869	11.928	VV	1496	31535	0.80%	0.069%
127	11.955	11.928	11.985	VV	584	17602	0.45%	0.038%
128	12.009	11.985	12.039	VV	849	21901	0.56%	0.048%
129	12.056	12.039	12.075	VV	745	14071	0.36%	0.031%
130	12.099	12.075	12.139	VV	3214	69787	1.78%	0.152%
131	12.161	12.139	12.484	VV	166607	3521085	89.80%	7.690%
132	12.503	12.484	12.859	VV	3757	429203	10.95%	0.937%
133	13.001	12.859	13.103	VV	2497	219604	5.60%	0.480%
134	13.124	13.103	13.189	VV	1744	51505	1.31%	0.112%
135	13.241	13.189	13.261	VV	7320	172405	4.40%	0.377%
136	13.281	13.261	13.362	VV	7854	308820	7.88%	0.674%
137	13.380	13.362	13.659	VV	77900	2162773	55.16%	4.723%
138	13.695	13.659	13.909	VV	3723	317349	8.09%	0.693%
139	13.926	13.909	14.047	VV	1411	100258	2.56%	0.219%
140	14.070	14.047	14.119	VV	1412	46377	1.18%	0.101%
141	14.157	14.119	14.242	VV	3151	128620	3.28%	0.281%

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142	14.270	14.242	14.329	VV	2866	69661	1.78%	0.152%
143	14.355	14.329	14.422	VV	1289	54471	1.39%	0.119%
144	14.483	14.422	14.522	VV	2026	82359	2.10%	0.180%
145	14.592	14.522	14.678	VV	316753	3920941	100.00%	8.563%
146	14.716	14.678	14.767	VV	1885	85337	2.18%	0.186%
147	14.803	14.767	14.871	VV	5064	114464	2.92%	0.250%
148	14.889	14.871	14.968	VV	923	39453	1.01%	0.086%
149	15.001	14.968	15.029	VV	762	22730	0.58%	0.050%
150	15.115	15.029	15.152	VV	916	51518	1.31%	0.113%
151	15.190	15.152	15.302	VV	58974	1462069	37.29%	3.193%
152	15.323	15.302	15.361	VV	6886	112096	2.86%	0.245%
153	15.390	15.361	15.475	VV	6288	133449	3.40%	0.291%
154	15.494	15.475	15.579	VV	855	42940	1.10%	0.094%
155	15.645	15.579	15.667	VV	994	41684	1.06%	0.091%
156	15.739	15.667	15.795	VV	2458	101562	2.59%	0.222%
157	15.820	15.795	15.888	VV	11829	169510	4.32%	0.370%
158	16.001	15.888	16.045	VV	881	74646	1.90%	0.163%
159	16.121	16.045	16.165	VV	3672	118827	3.03%	0.260%
160	16.221	16.165	16.279	VV	7056	240927	6.14%	0.526%
161	16.301	16.279	16.362	VV	17615	253672	6.47%	0.554%
162	16.384	16.362	16.429	VV	1696	54638	1.39%	0.119%
163	16.458	16.429	16.495	VV	1625	54748	1.40%	0.120%
164	16.548	16.495	16.620	VV	3312	163950	4.18%	0.358%
165	16.650	16.620	16.720	VV	2482	113956	2.91%	0.249%
166	16.767	16.720	16.793	VV	24063	328070	8.37%	0.716%
167	16.814	16.793	16.852	VV	13368	184761	4.71%	0.403%
168	16.878	16.852	16.915	VV	1736	53061	1.35%	0.116%
169	16.932	16.915	16.953	VV	1293	27150	0.69%	0.059%
170	16.982	16.953	17.020	VV	1305	48565	1.24%	0.106%
171	17.062	17.020	17.086	VV	1835	54538	1.39%	0.119%
172	17.108	17.086	17.135	VV	1510	38910	0.99%	0.085%
173	17.165	17.135	17.192	VV	3288	77541	1.98%	0.169%
174	17.218	17.192	17.289	VV	28445	404961	10.33%	0.884%
175	17.333	17.289	17.415	VV	1934	106286	2.71%	0.232%
176	17.502	17.415	17.535	VV	2298	108525	2.77%	0.237%
177	17.550	17.535	17.571	VV	1916	33058	0.84%	0.072%
178	17.653	17.571	17.742	VV	29093	506509	12.92%	1.106%
179	17.771	17.742	17.862	VV	2849	136900	3.49%	0.299%
180	17.922	17.862	17.953	VV	4077	135188	3.45%	0.295%
181	18.023	17.953	18.055	VV	29493	646366	16.48%	1.412%
182	18.075	18.055	18.175	VV	31143	634625	16.19%	1.386%
183	18.194	18.175	18.269	VV	2789	134551	3.43%	0.294%
184	18.342	18.269	18.369	VV	3232	150387	3.84%	0.328%
185	18.389	18.369	18.425	VV	2723	80965	2.06%	0.177%
186	18.484	18.425	18.562	VV	22229	489733	12.49%	1.070%
187	18.609	18.562	18.635	VV	3471	130365	3.32%	0.285%
188	18.672	18.635	18.722	VV	3596	172390	4.40%	0.376%
189	18.743	18.722	18.762	VV	3289	74227	1.89%	0.162%
190	18.784	18.762	18.802	VV	3314	74447	1.90%	0.163%
191	18.878	18.802	18.972	VV	18529	926089	23.62%	2.022%
192	18.991	18.972	19.023	VV	4862	136066	3.47%	0.297%
193	19.092	19.023	19.119	VV	4683	240040	6.12%	0.524%
194	19.140	19.119	19.195	VV	4409	181239	4.62%	0.396%

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195	19.272	19.195	19.350	VV	8268	419575	10.70%	0.916%
196	19.407	19.350	19.449	VV	6734	320773	8.18%	0.701%
197	19.475	19.449	19.515	VV	5491	206851	5.28%	0.452%
198	19.554	19.515	19.602	VV	6178	287477	7.33%	0.628%
199	19.644	19.602	19.732	VV	10221	507107	12.93%	1.107%
200	19.754	19.732	19.819	VV	6302	287765	7.34%	0.628%
201	19.902	19.819	19.959	VV	6407	492288	12.56%	1.075%
202	20.014	19.959	20.090	VV	8543	529085	13.49%	1.155%
203	20.118	20.090	20.159	VV	6821	266799	6.80%	0.583%
204	20.188	20.159	20.235	VV	7932	320173	8.17%	0.699%
205	20.282	20.235	20.305	VV	7166	292241	7.45%	0.638%
206	20.385	20.305	20.442	VV	9347	657124	16.76%	1.435%
207	20.474	20.442	20.512	VV	9168	346907	8.85%	0.758%
208	20.528	20.512	20.592	VV	8219	370694	9.45%	0.810%
209	20.668	20.592	20.685	VV	7679	426916	10.89%	0.932%
210	20.735	20.685	20.829	VV	8879	684293	17.45%	1.494%
211	20.856	20.829	20.919	VV	7887	411232	10.49%	0.898%
212	20.948	20.919	20.997	VV	7581	350163	8.93%	0.765%
213	21.045	20.997	21.106	VV	8173	507824	12.95%	1.109%
214	21.142	21.106	21.242	VV	8677	645208	16.46%	1.409%
215	21.277	21.242	21.355	VV	7909	514587	13.12%	1.124%
216	21.382	21.355	21.465	VV	7606	481858	12.29%	1.052%
217	21.486	21.465	21.515	VV	7213	215296	5.49%	0.470%
218	21.598	21.515	21.619	VV	8039	461642	11.77%	1.008%
219	21.646	21.619	21.732	VV	8032	505939	12.90%	1.105%
220	21.753	21.732	21.825	VV	7223	400002	10.20%	0.874%
221	21.875	21.825	21.945	VV	7200	512350	13.07%	1.119%
222	21.989	21.945	22.041	VV	7307	412611	10.52%	0.901%
223	22.107	22.041	22.152	VV	8050	497559	12.69%	1.087%
224	22.179	22.152	22.265	VV	7418	489484	12.48%	1.069%
225	22.356	22.265	22.402	VV	7686	610437	15.57%	1.333%
226	22.420	22.402	22.511	VV	7381	467412	11.92%	1.021%
227	22.565	22.511	22.585	VV	7106	315027	8.03%	0.688%
228	22.612	22.585	22.627	VV	7068	175250	4.47%	0.383%
229	22.712	22.627	22.895	VV	7570	1145645	29.22%	2.502%
230	22.950	22.895	23.002	VV	7004	444843	11.35%	0.971%
231	23.017	23.002	23.098	VV	6923	397725	10.14%	0.869%
232	23.205	23.098	23.305	VV	7590	879844	22.44%	1.921%
233	23.398	23.305	23.483	VV	7202	739819	18.87%	1.616%
234	23.565	23.483	23.649	VV	6860	675549	17.23%	1.475%
235	23.666	23.649	23.709	VV	6800	243132	6.20%	0.531%
236	23.737	23.709	23.772	VV	6743	253691	6.47%	0.554%
237	23.797	23.772	23.979	VV	6811	818207	20.87%	1.787%
238	23.998	23.979	24.029	VV	6517	193569	4.94%	0.423%
239	24.032	24.029	24.097	VV	6515	264546	6.75%	0.578%
240	24.209	24.097	24.302	VBA	7036	834290	21.28%	1.822%

Sum of corrected areas: 45789491