

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071219\
 Data File : FE030143.D
 Signal(s) : FID1B.CH
 Acq On : 12 Jul 2019 18:44
 Sample : K3768-10
 Misc :
 ALS Vial : 15 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	2.488	2.449	2.570	BV	37	766	0.02%	0.002%
2	2.589	2.570	2.604	PV	964	6915	0.15%	0.014%
3	2.627	2.604	2.793	VV	971	46085	0.98%	0.091%
4	2.806	2.793	2.830	VV	178	2825	0.06%	0.006%
5	2.841	2.830	2.882	VV	186	2970	0.06%	0.006%
6	2.908	2.882	2.975	VV	191	5038	0.11%	0.010%
7	2.986	2.975	2.999	VV	162	1639	0.03%	0.003%
8	3.010	2.999	3.029	VV	172	1724	0.04%	0.003%
9	3.036	3.029	3.046	PV	147	1029	0.02%	0.002%
10	3.058	3.046	3.176	VV	165	6837	0.15%	0.013%
11	3.193	3.176	3.205	VV	198	2190	0.05%	0.004%
12	3.227	3.205	3.245	VV	220	3700	0.08%	0.007%
13	3.249	3.245	3.282	VV	287	3950	0.08%	0.008%
14	3.296	3.282	3.342	PV	177	3697	0.08%	0.007%
15	3.347	3.342	3.366	VV	181	2122	0.05%	0.004%
16	3.376	3.366	3.393	VV	169	1755	0.04%	0.003%
17	3.406	3.393	3.440	VV	222	2955	0.06%	0.006%
18	3.453	3.440	3.494	VV	190	5113	0.11%	0.010%
19	3.505	3.494	3.545	VV	229	4675	0.10%	0.009%
20	3.550	3.545	3.571	VV	126	1690	0.04%	0.003%
21	3.585	3.571	3.612	VV	238	3857	0.08%	0.008%
22	3.633	3.612	3.649	VV	236	3952	0.08%	0.008%
23	3.655	3.649	3.694	VV	186	3882	0.08%	0.008%
24	3.707	3.694	3.741	VV	161	3084	0.07%	0.006%
25	3.748	3.741	3.771	VV	126	1725	0.04%	0.003%
26	3.783	3.771	3.795	PV	143	1437	0.03%	0.003%
27	3.804	3.795	3.825	VV	142	1986	0.04%	0.004%
28	3.859	3.825	3.870	VV	196	3301	0.07%	0.006%
29	3.878	3.870	3.969	VV	201	6507	0.14%	0.013%
30	3.974	3.969	4.011	VV	189	2552	0.05%	0.005%
31	4.022	4.011	4.055	VV	137	2687	0.06%	0.005%
32	4.065	4.055	4.189	VV	203	10942	0.23%	0.021%
33	4.208	4.189	4.232	VV	154	3382	0.07%	0.007%
34	4.259	4.232	4.275	PV	203	3245	0.07%	0.006%
35	4.286	4.275	4.309	VV	169	2386	0.05%	0.005%
36	4.335	4.309	4.371	VV	226	4610	0.10%	0.009%

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37	4.382	4.371	4.389	VV	199	1449	0.03%	0.003%	
38	4.440	4.389	4.469	VV	676	11950	0.25%	0.023%	
39	4.479	4.469	4.489	VV	175	1831	0.04%	0.004%	
40	4.505	4.489	4.523	VV	132	2697	0.06%	0.005%	
41	4.535	4.523	4.560	VV	208	3578	0.08%	0.007%	
42	4.585	4.560	4.611	VV	279	4421	0.09%	0.009%	
43	4.641	4.611	4.677	PV	187	3573	0.08%	0.007%	
44	4.726	4.677	4.745	PV	622	15584	0.33%	0.031%	
45	4.768	4.745	4.784	VV	677	13947	0.30%	0.027%	
46	4.816	4.784	4.961	VV	678	64958	1.38%	0.128%	
47	4.976	4.961	5.003	VV	655	14873	0.32%	0.029%	
48	5.012	5.003	5.056	VV	590	16703	0.35%	0.033%	
49	5.065	5.056	5.151	VV	553	25186	0.53%	0.049%	
50	5.165	5.151	5.212	VV	422	12227	0.26%	0.024%	
51	5.219	5.212	5.234	VV	368	4641	0.10%	0.009%	
52	5.250	5.234	5.265	VV	429	6482	0.14%	0.013%	
53	5.270	5.265	5.393	VV	378	21884	0.46%	0.043%	
54	5.415	5.393	5.427	VV	338	4903	0.10%	0.010%	
55	5.440	5.427	5.500	VV	218	8048	0.17%	0.016%	
56	5.525	5.500	5.555	VV	234	6158	0.13%	0.012%	
57	5.560	5.555	5.572	VV	266	1737	0.04%	0.003%	
58	5.584	5.572	5.656	VV	153	3857	0.08%	0.008%	
59	5.711	5.656	5.746	PV	171	3850	0.08%	0.008%	
60	5.775	5.746	5.829	VV	201	3880	0.08%	0.008%	
61	5.846	5.829	5.862	VV	147	1534	0.03%	0.003%	
62	5.884	5.862	5.955	VV	214	9622	0.20%	0.019%	
63	5.985	5.955	5.999	VV	281	5385	0.11%	0.011%	
64	6.007	5.999	6.038	VV	211	4629	0.10%	0.009%	
65	6.065	6.038	6.159	VV	1245	19912	0.42%	0.039%	
66	6.163	6.159	6.189	VV	153	1413	0.03%	0.003%	
67	6.230	6.189	6.322	PV	195	8433	0.18%	0.017%	
68	6.339	6.322	6.369	VV	171	2038	0.04%	0.004%	
69	6.382	6.369	6.419	VV	120	2374	0.05%	0.005%	
70	6.427	6.419	6.441	PV	153	1077	0.02%	0.002%	
71	6.520	6.441	6.542	VV	436	12656	0.27%	0.025%	
72	6.555	6.542	6.577	VV	354	6186	0.13%	0.012%	
73	6.586	6.577	6.645	VV	390	8373	0.18%	0.016%	
74	6.652	6.645	6.689	VV	267	3694	0.08%	0.007%	
75	6.699	6.689	6.726	VV	147	2278	0.05%	0.004%	
76	6.734	6.726	6.752	VV	79	879	0.02%	0.002%	
77	6.769	6.752	6.779	PV	144	1000	0.02%	0.002%	
78	6.822	6.779	6.862	VV	197	6562	0.14%	0.013%	
79	6.886	6.862	6.896	VV	263	3470	0.07%	0.007%	
80	6.911	6.896	6.924	VV	240	3008	0.06%	0.006%	
81	6.941	6.924	6.958	VV	241	3553	0.08%	0.007%	
82	6.964	6.958	6.997	VV	208	2634	0.06%	0.005%	
83	7.025	6.997	7.064	VV	207	4283	0.09%	0.008%	
84	7.077	7.064	7.141	VV	102	3802	0.08%	0.007%	
85	7.154	7.141	7.168	VV	103	1211	0.03%	0.002%	
86	7.180	7.168	7.235	VV	121	2799	0.06%	0.005%	
87	7.252	7.235	7.294	PV	147	4572	0.10%	0.009%	
88	7.304	7.294	7.335	VV	173	2961	0.06%	0.006%	
89	7.360	7.335	7.370	VV	212	2409	0.05%	0.005%	

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90	7.397	7.370	7.415	VV	153	3055	0.06%	0.006%
91	7.425	7.415	7.436	VV	170	1666	0.04%	0.003%
92	7.509	7.436	7.556	VV	496	25007	0.53%	0.049%
93	7.565	7.556	7.589	VV	506	8839	0.19%	0.017%
94	7.619	7.589	7.662	VV	749	28419	0.60%	0.056%
95	7.681	7.662	7.742	VV	1022	23959	0.51%	0.047%
96	7.758	7.742	7.768	VV	374	4613	0.10%	0.009%
97	7.776	7.768	7.781	VV	334	2048	0.04%	0.004%
98	7.828	7.781	7.902	VV	772	32402	0.69%	0.064%
99	7.920	7.902	7.965	VV	296	7194	0.15%	0.014%
100	7.975	7.965	7.985	VV	239	1847	0.04%	0.004%
101	7.995	7.985	8.004	VV	193	1907	0.04%	0.004%
102	8.014	8.004	8.024	VV	242	2000	0.04%	0.004%
103	8.039	8.024	8.097	VV	171	3937	0.08%	0.008%
104	8.110	8.097	8.115	PV	142	810	0.02%	0.002%
105	8.153	8.115	8.165	VV	194	4701	0.10%	0.009%
106	8.193	8.165	8.252	VV	1154	30995	0.66%	0.061%
107	8.295	8.252	8.845	VV	18872	1420327	30.16%	2.789%
108	8.851	8.845	8.880	VV	441	8245	0.18%	0.016%
109	8.927	8.880	8.979	VV	999	35959	0.76%	0.071%
110	8.988	8.979	8.998	VV	449	4580	0.10%	0.009%
111	9.023	8.998	9.079	VV	792	21838	0.46%	0.043%
112	9.087	9.079	9.128	VV	339	7683	0.16%	0.015%
113	9.146	9.128	9.168	VV	392	6215	0.13%	0.012%
114	9.178	9.168	9.202	VV	257	3839	0.08%	0.008%
115	9.207	9.202	9.262	VV	177	5389	0.11%	0.011%
116	9.272	9.262	9.287	VV	132	1858	0.04%	0.004%
117	9.305	9.287	9.369	VV	157	4445	0.09%	0.009%
118	9.435	9.369	9.462	VV	235	7137	0.15%	0.014%
119	9.565	9.462	9.582	VV	1368	39646	0.84%	0.078%
120	9.601	9.582	9.656	VV	1820	54468	1.16%	0.107%
121	9.700	9.656	9.732	VV	939	36338	0.77%	0.071%
122	9.764	9.732	9.925	VV	3624	183795	3.90%	0.361%
123	9.939	9.925	9.993	VV	826	27839	0.59%	0.055%
124	10.011	9.993	10.022	VV	551	8775	0.19%	0.017%
125	10.038	10.022	10.085	VV	478	12747	0.27%	0.025%
126	10.109	10.085	10.120	VV	596	8566	0.18%	0.017%
127	10.143	10.120	10.191	VV	653	18419	0.39%	0.036%
128	10.220	10.191	10.235	VV	400	7807	0.17%	0.015%
129	10.244	10.235	10.265	VV	358	5085	0.11%	0.010%
130	10.300	10.265	10.322	VV	468	10671	0.23%	0.021%
131	10.358	10.322	10.432	VV	385	12051	0.26%	0.024%
132	10.454	10.432	10.474	VV	284	3518	0.07%	0.007%
133	10.509	10.474	10.537	VV	1275	21740	0.46%	0.043%
134	10.560	10.537	10.587	VV	811	16522	0.35%	0.032%
135	10.601	10.587	10.655	VV	629	14257	0.30%	0.028%
136	10.670	10.655	10.696	VV	122	2266	0.05%	0.004%
137	10.720	10.696	10.743	VV	166	2765	0.06%	0.005%
138	10.825	10.743	10.860	PV	601	22200	0.47%	0.044%
139	10.879	10.860	10.887	VV	661	8502	0.18%	0.017%
140	10.902	10.887	10.946	VV	643	20566	0.44%	0.040%
141	11.010	10.946	11.123	VV	1349	96799	2.06%	0.190%

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142	11.137	11.123	11.165	VV	763	16256	0.35%	0.032%
143	11.199	11.165	11.241	VV	1959	39495	0.84%	0.078%
144	11.277	11.241	11.295	VV	826	20567	0.44%	0.040%
145	11.307	11.295	11.339	VV	772	13538	0.29%	0.027%
146	11.362	11.339	11.416	VV	644	18293	0.39%	0.036%
147	11.445	11.416	11.480	VV	671	22170	0.47%	0.044%
148	11.496	11.480	11.542	VV	787	22166	0.47%	0.044%
149	11.594	11.542	11.616	VV	698	25683	0.55%	0.050%
150	11.706	11.616	11.799	VV	1809	124066	2.63%	0.244%
151	11.839	11.799	11.852	VV	693	19797	0.42%	0.039%
152	11.867	11.852	11.912	VV	1483	26489	0.56%	0.052%
153	11.971	11.912	11.995	VV	608	22925	0.49%	0.045%
154	12.026	11.995	12.051	VV	685	18386	0.39%	0.036%
155	12.075	12.051	12.128	VV	4226	101761	2.16%	0.200%
156	12.164	12.128	12.477	VV	236406	4709806	100.00%	9.250%
157	12.496	12.477	12.519	VV	3266	66404	1.41%	0.130%
158	12.532	12.519	12.559	VV	2102	47941	1.02%	0.094%
159	12.583	12.559	12.638	VV	2271	91988	1.95%	0.181%
160	12.647	12.638	12.662	VV	1795	24138	0.51%	0.047%
161	12.673	12.662	12.745	VV	1696	73228	1.55%	0.144%
162	12.757	12.745	12.791	VV	1427	36313	0.77%	0.071%
163	12.827	12.791	12.885	VV	1447	73032	1.55%	0.143%
164	12.926	12.885	12.945	VV	2762	73002	1.55%	0.143%
165	12.965	12.945	13.092	VV	2824	171411	3.64%	0.337%
166	13.113	13.092	13.153	VV	2267	49857	1.06%	0.098%
167	13.195	13.153	13.235	VV	12003	330694	7.02%	0.649%
168	13.257	13.235	13.359	VV	11058	501290	10.64%	0.985%
169	13.378	13.359	13.648	VV	164059	3142414	66.72%	6.172%
170	13.667	13.648	13.680	VV	4271	70198	1.49%	0.138%
171	13.693	13.680	13.735	VV	4423	100795	2.14%	0.198%
172	13.754	13.735	13.822	VV	2344	111454	2.37%	0.219%
173	13.830	13.822	13.870	VV	1889	49047	1.04%	0.096%
174	13.918	13.870	13.992	VV	1685	111500	2.37%	0.219%
175	14.057	13.992	14.096	VV	1853	89298	1.90%	0.175%
176	14.128	14.096	14.234	VV	4363	182618	3.88%	0.359%
177	14.259	14.234	14.308	VV	4099	81944	1.74%	0.161%
178	14.338	14.308	14.385	VV	1570	57526	1.22%	0.113%
179	14.405	14.385	14.429	VV	4854	99501	2.11%	0.195%
180	14.446	14.429	14.522	VV	4259	154802	3.29%	0.304%
181	14.530	14.522	14.552	VV	1840	30419	0.65%	0.060%
182	14.591	14.552	14.618	VV	339615	3883057	82.45%	7.626%
183	14.638	14.618	14.752	VV	79409	1059352	22.49%	2.081%
184	14.796	14.752	14.852	VV	6525	137008	2.91%	0.269%
185	14.876	14.852	14.919	VV	1392	41424	0.88%	0.081%
186	14.931	14.919	14.943	VV	901	12189	0.26%	0.024%
187	15.000	14.943	15.032	VV	1011	48829	1.04%	0.096%
188	15.037	15.032	15.083	VV	952	26636	0.57%	0.052%
189	15.132	15.083	15.154	VV	1225	41867	0.89%	0.082%
190	15.182	15.154	15.292	VV	95474	1728523	36.70%	3.395%
191	15.316	15.292	15.343	VV	10918	155571	3.30%	0.306%
192	15.384	15.343	15.459	VV	6496	177119	3.76%	0.348%
193	15.477	15.459	15.535	VV	1414	62007	1.32%	0.122%
194	15.557	15.535	15.592	VV	2251	59900	1.27%	0.118%

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195	15.634	15.592	15.660	VV	2194	73424	1.56%	0.144%
196	15.722	15.660	15.789	VV	3991	158623	3.37%	0.312%
197	15.815	15.789	15.880	VV	18921	260332	5.53%	0.511%
198	15.905	15.880	15.925	VV	1244	29929	0.64%	0.059%
199	15.945	15.925	15.975	VV	1232	33404	0.71%	0.066%
200	16.005	15.975	16.020	VV	1179	30551	0.65%	0.060%
201	16.041	16.020	16.079	VV	1319	41797	0.89%	0.082%
202	16.116	16.079	16.149	VV	2211	74950	1.59%	0.147%
203	16.209	16.149	16.275	VV	10069	304735	6.47%	0.598%
204	16.297	16.275	16.355	VV	29743	385167	8.18%	0.756%
205	16.377	16.355	16.399	VV	1929	43708	0.93%	0.086%
206	16.415	16.399	16.439	VV	2182	42782	0.91%	0.084%
207	16.487	16.439	16.582	VV	12335	399493	8.48%	0.785%
208	16.599	16.582	16.619	VV	2673	50222	1.07%	0.099%
209	16.645	16.619	16.664	VV	3044	71517	1.52%	0.140%
210	16.684	16.664	16.712	VV	2810	71909	1.53%	0.141%
211	16.763	16.712	16.789	VV	42744	553383	11.75%	1.087%
212	16.809	16.789	16.839	VV	16499	219297	4.66%	0.431%
213	16.858	16.839	16.925	VV	3209	120072	2.55%	0.236%
214	17.001	16.925	17.022	VV	2282	116359	2.47%	0.229%
215	17.052	17.022	17.078	VV	2952	72288	1.53%	0.142%
216	17.100	17.078	17.125	VV	2259	51154	1.09%	0.100%
217	17.151	17.125	17.189	VV	5216	130425	2.77%	0.256%
218	17.214	17.189	17.272	VV	51102	658202	13.98%	1.293%
219	17.316	17.272	17.345	VV	2521	85452	1.81%	0.168%
220	17.358	17.345	17.395	VV	1939	54935	1.17%	0.108%
221	17.409	17.395	17.428	VV	1864	36310	0.77%	0.071%
222	17.445	17.428	17.461	VV	1965	35656	0.76%	0.070%
223	17.495	17.461	17.520	VV	3509	83329	1.77%	0.164%
224	17.544	17.520	17.575	VV	2563	66049	1.40%	0.130%
225	17.650	17.575	17.725	VV	52009	786401	16.70%	1.544%
226	17.756	17.725	17.849	VV	4010	194661	4.13%	0.382%
227	17.904	17.849	17.948	VV	5517	204543	4.34%	0.402%
228	18.017	17.948	18.052	VV	41866	929609	19.74%	1.826%
229	18.072	18.052	18.164	VV	50724	850662	18.06%	1.671%
230	18.182	18.164	18.252	VV	3413	147737	3.14%	0.290%
231	18.289	18.252	18.306	VV	2949	83810	1.78%	0.165%
232	18.336	18.306	18.362	VV	4062	100470	2.13%	0.197%
233	18.383	18.362	18.409	VV	3335	75050	1.59%	0.147%
234	18.480	18.409	18.528	VV	35990	665955	14.14%	1.308%
235	18.546	18.528	18.565	VV	4019	79264	1.68%	0.156%
236	18.594	18.565	18.614	VV	4684	115525	2.45%	0.227%
237	18.655	18.614	18.709	VV	5221	242119	5.14%	0.476%
238	18.739	18.709	18.761	VV	3886	110181	2.34%	0.216%
239	18.850	18.761	18.962	VV	28822	1376048	29.22%	2.703%
240	18.982	18.962	19.009	VV	5528	145004	3.08%	0.285%
241	19.047	19.009	19.062	VV	4957	150618	3.20%	0.296%
242	19.083	19.062	19.106	VV	5284	130501	2.77%	0.256%
243	19.129	19.106	19.202	VV	5257	249445	5.30%	0.490%
244	19.266	19.202	19.339	VV	11103	439217	9.33%	0.863%
245	19.388	19.339	19.435	VV	9655	402617	8.55%	0.791%
246	19.460	19.435	19.492	VV	6359	199724	4.24%	0.392%

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247	19.511	19.492	19.592	VV	7036	354134	7.52%	0.696%
248	19.636	19.592	19.720	VV	14632	629760	13.37%	1.237%
249	19.745	19.720	19.812	VV	7057	326147	6.92%	0.641%
250	19.890	19.812	19.935	VV	6951	463011	9.83%	0.909%
251	20.007	19.935	20.038	VV	9851	435576	9.25%	0.855%
252	20.057	20.038	20.084	VV	7238	185075	3.93%	0.363%
253	20.117	20.084	20.155	VV	7018	283042	6.01%	0.556%
254	20.179	20.155	20.229	VV	9386	322585	6.85%	0.634%
255	20.259	20.229	20.292	VV	7416	268160	5.69%	0.527%
256	20.368	20.292	20.431	VV	10657	693229	14.72%	1.361%
257	20.467	20.431	20.505	VV	9365	361759	7.68%	0.710%
258	20.525	20.505	20.576	VV	7928	320385	6.80%	0.629%
259	20.657	20.576	20.685	VV	7440	482975	10.25%	0.949%
260	20.729	20.685	20.819	VV	8898	609100	12.93%	1.196%
261	20.844	20.819	20.902	VV	7206	347737	7.38%	0.683%
262	20.937	20.902	20.969	VV	6855	273855	5.81%	0.538%
263	20.983	20.969	21.005	VV	6820	149603	3.18%	0.294%
264	21.051	21.005	21.094	VV	7482	375742	7.98%	0.738%
265	21.136	21.094	21.229	VV	8113	580991	12.34%	1.141%
266	21.270	21.229	21.332	VV	7002	408075	8.66%	0.801%
267	21.370	21.332	21.451	VV	6639	443793	9.42%	0.872%
268	21.472	21.451	21.529	VV	6111	282945	6.01%	0.556%
269	21.590	21.529	21.616	VV	6925	334617	7.10%	0.657%
270	21.641	21.616	21.719	VV	6712	379737	8.06%	0.746%
271	21.755	21.719	21.819	VV	6069	351777	7.47%	0.691%
272	21.853	21.819	21.942	VV	5953	429856	9.13%	0.844%
273	21.980	21.942	22.032	VV	6058	317447	6.74%	0.623%
274	22.094	22.032	22.144	VV	6545	410116	8.71%	0.805%
275	22.168	22.144	22.239	VV	5974	328593	6.98%	0.645%
276	22.300	22.239	22.325	VV	6195	305378	6.48%	0.600%
277	22.355	22.325	22.384	VV	6128	209097	4.44%	0.411%
278	22.408	22.384	22.505	VV	5929	408775	8.68%	0.803%
279	22.703	22.505	22.862	VV	6278	1197607	25.43%	2.352%
280	22.886	22.862	22.965	VV	5329	327608	6.96%	0.643%
281	23.011	22.965	23.055	VV	5343	282332	5.99%	0.554%
282	23.079	23.055	23.112	VV	5184	174696	3.71%	0.343%
283	23.199	23.112	23.305	VV	5708	616919	13.10%	1.212%
284	23.323	23.305	23.360	VV	5189	168241	3.57%	0.330%
285	23.378	23.360	23.459	VV	5099	296829	6.30%	0.583%
286	23.503	23.459	23.554	VV	4973	282576	6.00%	0.555%
287	23.582	23.554	23.612	VV	4936	169214	3.59%	0.332%
288	23.637	23.612	23.712	VV	4953	293893	6.24%	0.577%
289	23.773	23.712	23.925	VV	4953	606918	12.89%	1.192%
290	23.946	23.925	24.012	VV	4488	231553	4.92%	0.455%
291	24.026	24.012	24.066	VV	4470	144065	3.06%	0.283%
292	24.090	24.066	24.119	VV	4451	138876	2.95%	0.273%
293	24.189	24.119	24.208	VV	4793	248577	5.28%	0.488%
294	24.246	24.208	24.302	VBA	4800	269363	5.72%	0.529%
Sum of corrected areas:					50917277			