

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071219\
 Data File : FE030148.D
 Signal(s) : FID1B.CH
 Acq On : 12 Jul 2019 21:59
 Sample : K3768-15
 Misc :
 ALS Vial : 20 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	2.344	2.315	2.369	BV	169	1007	0.02%	0.002%
2	2.377	2.369	2.418	PV	74	619	0.02%	0.001%
3	2.432	2.418	2.449	VV	266	2212	0.05%	0.004%
4	2.458	2.449	2.519	PV	92	3891	0.10%	0.007%
5	2.527	2.519	2.573	PV	174	2911	0.07%	0.005%
6	2.590	2.573	2.598	VV	1240	8947	0.22%	0.015%
7	2.613	2.598	2.768	VV	1501	62271	1.54%	0.104%
8	2.774	2.768	2.792	VV	215	2078	0.05%	0.003%
9	2.800	2.792	2.825	VV	182	1794	0.04%	0.003%
10	2.842	2.825	2.887	VV	134	3506	0.09%	0.006%
11	2.901	2.887	2.998	PV	123	4842	0.12%	0.008%
12	3.005	2.998	3.018	PV	175	965	0.02%	0.002%
13	3.051	3.018	3.130	VV	137	4823	0.12%	0.008%
14	3.155	3.130	3.258	PV	151	4774	0.12%	0.008%
15	3.261	3.258	3.277	VV	178	682	0.02%	0.001%
16	3.287	3.277	3.404	PV	142	2539	0.06%	0.004%
17	3.415	3.404	3.452	PV	123	1546	0.04%	0.003%
18	3.469	3.452	3.535	VV	187	5340	0.13%	0.009%
19	3.544	3.535	3.554	VV	89	628	0.02%	0.001%
20	3.588	3.554	3.661	VV	146	7314	0.18%	0.012%
21	3.671	3.661	3.681	PV	197	1782	0.04%	0.003%
22	3.692	3.681	3.709	VV	196	2550	0.06%	0.004%
23	3.716	3.709	3.726	VV	166	1406	0.03%	0.002%
24	3.738	3.726	3.753	VV	152	1941	0.05%	0.003%
25	3.764	3.753	3.781	VV	164	1830	0.05%	0.003%
26	3.788	3.781	3.802	VV	222	1805	0.04%	0.003%
27	3.816	3.802	3.840	VV	129	2210	0.05%	0.004%
28	3.859	3.840	3.892	PV	138	3011	0.07%	0.005%
29	3.912	3.892	3.930	VV	180	3131	0.08%	0.005%
30	3.939	3.930	3.947	VV	312	2383	0.06%	0.004%
31	3.961	3.947	3.985	VV	339	5930	0.15%	0.010%
32	4.060	3.985	4.095	VV	443	22192	0.55%	0.037%
33	4.107	4.095	4.149	VV	388	8946	0.22%	0.015%
34	4.165	4.149	4.217	VV	329	8345	0.21%	0.014%
35	4.232	4.217	4.268	VV	178	3458	0.09%	0.006%
36	4.316	4.268	4.351	VV	3595	143423	3.55%	0.240%

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37	4.361	4.351	4.420	VV	3394	130798	3.24%	0.219%
38	4.439	4.420	4.652	VV	3410	306867	7.60%	0.513%
39	4.660	4.652	4.704	VV	1522	43066	1.07%	0.072%
40	4.722	4.704	4.769	VV	1366	48384	1.20%	0.081%
41	4.787	4.769	4.827	VV	1189	38870	0.96%	0.065%
42	4.844	4.827	4.875	VV	1244	33713	0.83%	0.056%
43	4.882	4.875	4.917	VV	1156	27576	0.68%	0.046%
44	4.931	4.917	5.136	VV	1043	99902	2.47%	0.167%
45	5.146	5.136	5.219	VV	550	20437	0.51%	0.034%
46	5.231	5.219	5.256	VV	459	8395	0.21%	0.014%
47	5.276	5.256	5.318	VV	371	12418	0.31%	0.021%
48	5.324	5.318	5.365	VV	377	9086	0.22%	0.015%
49	5.382	5.365	5.411	VV	360	8119	0.20%	0.014%
50	5.437	5.411	5.475	VV	334	9855	0.24%	0.016%
51	5.519	5.475	5.531	VV	259	7160	0.18%	0.012%
52	5.546	5.531	5.575	VV	298	5300	0.13%	0.009%
53	5.587	5.575	5.609	VV	181	2988	0.07%	0.005%
54	5.627	5.609	5.644	VV	246	3449	0.09%	0.006%
55	5.653	5.644	5.686	VV	220	3049	0.08%	0.005%
56	5.695	5.686	5.749	VV	179	4036	0.10%	0.007%
57	5.771	5.749	5.805	VV	207	4964	0.12%	0.008%
58	5.883	5.805	5.911	VV	322	12616	0.31%	0.021%
59	5.924	5.911	5.965	VV	194	6533	0.16%	0.011%
60	5.985	5.965	6.013	VV	333	8315	0.21%	0.014%
61	6.024	6.013	6.038	VV	368	4730	0.12%	0.008%
62	6.065	6.038	6.122	VV	3474	41193	1.02%	0.069%
63	6.150	6.122	6.198	VV	311	10109	0.25%	0.017%
64	6.222	6.198	6.305	VV	304	10811	0.27%	0.018%
65	6.327	6.305	6.411	VV	209	5993	0.15%	0.010%
66	6.479	6.411	6.505	PV	304	10624	0.26%	0.018%
67	6.518	6.505	6.595	VV	400	13583	0.34%	0.023%
68	6.600	6.595	6.653	VV	265	5688	0.14%	0.010%
69	6.671	6.653	6.680	VV	186	1715	0.04%	0.003%
70	6.692	6.680	6.705	VV	159	1632	0.04%	0.003%
71	6.716	6.705	6.736	VV	158	2094	0.05%	0.003%
72	6.783	6.736	6.836	VV	188	7473	0.19%	0.012%
73	6.842	6.836	6.868	VV	182	2301	0.06%	0.004%
74	6.881	6.868	6.919	VV	225	3472	0.09%	0.006%
75	6.939	6.919	6.956	VV	207	3039	0.08%	0.005%
76	7.003	6.956	7.041	VV	374	10542	0.26%	0.018%
77	7.048	7.041	7.075	VV	220	2979	0.07%	0.005%
78	7.081	7.075	7.091	VV	203	1844	0.05%	0.003%
79	7.114	7.091	7.126	VV	217	3644	0.09%	0.006%
80	7.132	7.126	7.165	VV	157	2034	0.05%	0.003%
81	7.182	7.165	7.208	VV	168	2147	0.05%	0.004%
82	7.257	7.208	7.269	PV	155	2512	0.06%	0.004%
83	7.306	7.269	7.370	VV	147	5968	0.15%	0.010%
84	7.401	7.370	7.421	VV	180	3907	0.10%	0.007%
85	7.445	7.421	7.461	VV	185	3660	0.09%	0.006%
86	7.471	7.461	7.487	VV	232	2469	0.06%	0.004%
87	7.524	7.487	7.535	VV	303	6537	0.16%	0.011%
88	7.542	7.535	7.551	VV	316	2766	0.07%	0.005%
89	7.555	7.551	7.581	VV	400	5619	0.14%	0.009%

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90	7.621	7.581	7.659	VV	528	18301	0.45%	0.031%
91	7.680	7.659	7.735	VV	976	18758	0.46%	0.031%
92	7.742	7.735	7.755	VV	274	2690	0.07%	0.004%
93	7.789	7.755	7.886	VV	479	23418	0.58%	0.039%
94	7.898	7.886	7.934	VV	261	4294	0.11%	0.007%
95	7.960	7.934	7.975	VV	152	2195	0.05%	0.004%
96	7.999	7.975	8.015	VV	135	2329	0.06%	0.004%
97	8.043	8.015	8.083	VV	217	4665	0.12%	0.008%
98	8.126	8.083	8.154	PV	313	7954	0.20%	0.013%
99	8.178	8.154	8.254	VV	1993	41665	1.03%	0.070%
100	8.287	8.254	8.520	VV	20152	1190792	29.48%	1.990%
101	8.536	8.520	8.578	VV	2562	75235	1.86%	0.126%
102	8.590	8.578	8.682	VV	1721	78610	1.95%	0.131%
103	8.695	8.682	8.758	VV	1023	36513	0.90%	0.061%
104	8.776	8.758	8.905	VV	642	36966	0.92%	0.062%
105	8.923	8.905	8.990	VV	913	28787	0.71%	0.048%
106	9.012	8.990	9.064	VV	1092	28698	0.71%	0.048%
107	9.073	9.064	9.110	VV	466	8989	0.22%	0.015%
108	9.141	9.110	9.207	VV	547	13505	0.33%	0.023%
109	9.218	9.207	9.225	VV	127	1091	0.03%	0.002%
110	9.235	9.225	9.248	VV	154	1794	0.04%	0.003%
111	9.263	9.248	9.313	VV	258	5680	0.14%	0.009%
112	9.336	9.313	9.357	PV	232	3699	0.09%	0.006%
113	9.379	9.357	9.405	VV	396	8115	0.20%	0.014%
114	9.431	9.405	9.461	VV	463	10061	0.25%	0.017%
115	9.472	9.461	9.482	VV	191	1551	0.04%	0.003%
116	9.512	9.482	9.543	VV	351	6208	0.15%	0.010%
117	9.560	9.543	9.567	PV	334	3043	0.08%	0.005%
118	9.591	9.567	9.651	VV	2384	54042	1.34%	0.090%
119	9.722	9.651	9.748	VV	1169	48536	1.20%	0.081%
120	9.770	9.748	9.818	VV	3303	63866	1.58%	0.107%
121	9.828	9.818	9.921	VV	918	38479	0.95%	0.064%
122	9.936	9.921	9.951	VV	471	7218	0.18%	0.012%
123	9.958	9.951	9.998	VV	427	10077	0.25%	0.017%
124	10.011	9.998	10.028	VV	372	6069	0.15%	0.010%
125	10.039	10.028	10.058	VV	406	5785	0.14%	0.010%
126	10.063	10.058	10.078	VV	273	2388	0.06%	0.004%
127	10.113	10.078	10.121	VV	545	8850	0.22%	0.015%
128	10.146	10.121	10.188	VV	769	22201	0.55%	0.037%
129	10.247	10.188	10.270	VV	529	20771	0.51%	0.035%
130	10.299	10.270	10.324	VV	586	14325	0.35%	0.024%
131	10.353	10.324	10.387	VV	626	15322	0.38%	0.026%
132	10.397	10.387	10.415	VV	335	4311	0.11%	0.007%
133	10.450	10.415	10.477	VV	450	10949	0.27%	0.018%
134	10.510	10.477	10.541	VV	1260	23859	0.59%	0.040%
135	10.558	10.541	10.585	VV	841	16270	0.40%	0.027%
136	10.603	10.585	10.661	VV	2594	41835	1.04%	0.070%
137	10.686	10.661	10.704	VV	321	6584	0.16%	0.011%
138	10.716	10.704	10.744	VV	300	4914	0.12%	0.008%
139	10.784	10.744	10.803	VV	658	11396	0.28%	0.019%
140	10.833	10.803	10.860	VV	622	13290	0.33%	0.022%
141	10.876	10.860	10.945	VV	592	15690	0.39%	0.026%

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142	10.962	10.945	10.988	VV	451	7013	0.17%	0.012%
143	11.014	10.988	11.035	VV	436	8516	0.21%	0.014%
144	11.069	11.035	11.081	VV	615	12038	0.30%	0.020%
145	11.117	11.081	11.127	VV	646	15054	0.37%	0.025%
146	11.150	11.127	11.171	VV	806	17144	0.42%	0.029%
147	11.202	11.171	11.245	VV	1706	36491	0.90%	0.061%
148	11.272	11.245	11.290	VV	751	15042	0.37%	0.025%
149	11.305	11.290	11.338	VV	703	12528	0.31%	0.021%
150	11.359	11.338	11.376	VV	347	5692	0.14%	0.010%
151	11.397	11.376	11.418	VV	198	3633	0.09%	0.006%
152	11.462	11.418	11.478	VV	437	11662	0.29%	0.019%
153	11.486	11.478	11.515	VV	454	8632	0.21%	0.014%
154	11.525	11.515	11.557	VV	349	7441	0.18%	0.012%
155	11.585	11.557	11.622	VV	513	12254	0.30%	0.020%
156	11.631	11.622	11.667	VV	266	4354	0.11%	0.007%
157	11.711	11.667	11.806	VV	987	44191	1.09%	0.074%
158	11.843	11.806	11.850	VV	434	8669	0.21%	0.014%
159	11.866	11.850	11.898	VV	693	9906	0.25%	0.017%
160	11.922	11.898	11.948	VV	203	3151	0.08%	0.005%
161	11.971	11.948	12.015	VV	417	7655	0.19%	0.013%
162	12.076	12.015	12.122	PV	2724	62228	1.54%	0.104%
163	12.159	12.122	12.455	VV	201356	3839829	95.08%	6.417%
164	12.467	12.455	12.477	VV	2264	28991	0.72%	0.048%
165	12.494	12.477	12.521	VV	2954	60625	1.50%	0.101%
166	12.531	12.521	12.547	VV	1849	27335	0.68%	0.046%
167	12.559	12.547	12.564	VV	1673	15897	0.39%	0.027%
168	12.582	12.564	12.730	VV	2076	138934	3.44%	0.232%
169	12.747	12.730	12.791	VV	1009	33763	0.84%	0.056%
170	12.809	12.791	12.874	VV	1060	43253	1.07%	0.072%
171	12.921	12.874	12.948	VV	2481	70952	1.76%	0.119%
172	12.960	12.948	13.001	VV	2023	48714	1.21%	0.081%
173	13.026	13.001	13.091	VV	1317	58684	1.45%	0.098%
174	13.109	13.091	13.158	VV	1975	39276	0.97%	0.066%
175	13.198	13.158	13.235	VV	8508	229627	5.69%	0.384%
176	13.257	13.235	13.355	VV	8373	376886	9.33%	0.630%
177	13.374	13.355	13.476	VV	137525	2216979	54.89%	3.705%
178	13.483	13.476	13.643	VV	7452	412679	10.22%	0.690%
179	13.663	13.643	13.675	VV	3751	60245	1.49%	0.101%
180	13.690	13.675	13.735	VV	4264	97649	2.42%	0.163%
181	13.747	13.735	13.857	VV	1927	112167	2.78%	0.187%
182	13.868	13.857	13.888	VV	1307	22627	0.56%	0.038%
183	13.910	13.888	13.947	VV	1404	44270	1.10%	0.074%
184	13.960	13.947	13.978	VV	1146	19924	0.49%	0.033%
185	14.055	13.978	14.078	VV	1514	67303	1.67%	0.112%
186	14.120	14.078	14.211	VV	5218	166772	4.13%	0.279%
187	14.255	14.211	14.298	VV	4613	86695	2.15%	0.145%
188	14.325	14.298	14.384	VV	1726	56363	1.40%	0.094%
189	14.406	14.384	14.424	VV	3383	54216	1.34%	0.091%
190	14.443	14.424	14.510	VV	3586	122817	3.04%	0.205%
191	14.528	14.510	14.551	VV	1663	36195	0.90%	0.060%
192	14.589	14.551	14.625	VV	339212	4038702	100.00%	6.749%
193	14.645	14.625	14.658	VV	3301	58398	1.45%	0.098%
194	14.671	14.658	14.750	VV	3451	103663	2.57%	0.173%

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195	14.793	14.750	14.837	VV	10795	168777	4.18%	0.282%
196	14.867	14.837	14.915	VV	1838	47164	1.17%	0.079%
197	14.940	14.915	14.970	VV	800	22131	0.55%	0.037%
198	14.988	14.970	15.020	VV	778	21479	0.53%	0.036%
199	15.041	15.020	15.085	VV	805	27064	0.67%	0.045%
200	15.128	15.085	15.150	VV	1040	29486	0.73%	0.049%
201	15.177	15.150	15.283	VV	150496	2391296	59.21%	3.996%
202	15.312	15.283	15.341	VV	26699	329090	8.15%	0.550%
203	15.382	15.341	15.448	VV	6417	153436	3.80%	0.256%
204	15.492	15.448	15.511	VV	1071	36814	0.91%	0.062%
205	15.632	15.511	15.665	VV	1934	106742	2.64%	0.178%
206	15.714	15.665	15.781	VV	4969	155080	3.84%	0.259%
207	15.810	15.781	15.871	VV	68686	797717	19.75%	1.333%
208	15.899	15.871	15.916	VV	1394	31052	0.77%	0.052%
209	15.928	15.916	15.962	VV	1277	30604	0.76%	0.051%
210	15.992	15.962	16.021	VV	1074	35038	0.87%	0.059%
211	16.038	16.021	16.053	VV	1030	18931	0.47%	0.032%
212	16.120	16.053	16.147	VV	2451	84390	2.09%	0.141%
213	16.201	16.147	16.268	VV	14862	365336	9.05%	0.611%
214	16.294	16.268	16.351	VV	135615	1471466	36.43%	2.459%
215	16.378	16.351	16.434	VV	2164	79377	1.97%	0.133%
216	16.453	16.434	16.472	VV	1363	28093	0.70%	0.047%
217	16.500	16.472	16.553	VV	5082	127457	3.16%	0.213%
218	16.594	16.553	16.621	VV	5117	119936	2.97%	0.200%
219	16.641	16.621	16.665	VV	3557	82064	2.03%	0.137%
220	16.681	16.665	16.718	VV	3207	80130	1.98%	0.134%
221	16.761	16.718	16.834	VV	198922	2407580	59.61%	4.023%
222	16.853	16.834	16.954	VV	3565	159391	3.95%	0.266%
223	16.972	16.954	16.985	VV	1884	33795	0.84%	0.056%
224	16.999	16.985	17.014	VV	1955	30528	0.76%	0.051%
225	17.051	17.014	17.075	VV	5704	105770	2.62%	0.177%
226	17.098	17.075	17.117	VV	3625	61963	1.53%	0.104%
227	17.144	17.117	17.181	VV	7173	158946	3.94%	0.266%
228	17.213	17.181	17.268	VV	235601	2662534	65.93%	4.449%
229	17.312	17.268	17.401	VV	2864	147058	3.64%	0.246%
230	17.493	17.401	17.518	VV	8861	205023	5.08%	0.343%
231	17.540	17.518	17.565	VV	4645	78609	1.95%	0.131%
232	17.650	17.565	17.725	VV	233938	2854843	70.69%	4.771%
233	17.751	17.725	17.834	VV	4819	187386	4.64%	0.313%
234	17.920	17.834	17.945	VV	11560	318975	7.90%	0.533%
235	18.013	17.945	18.044	VV	68940	1274819	31.57%	2.130%
236	18.072	18.044	18.165	VV	196130	2499746	61.89%	4.177%
237	18.180	18.165	18.247	VV	3369	139700	3.46%	0.233%
238	18.334	18.247	18.358	VV	10209	283144	7.01%	0.473%
239	18.380	18.358	18.408	VV	7313	133483	3.31%	0.223%
240	18.480	18.408	18.525	VV	119784	1682349	41.66%	2.811%
241	18.543	18.525	18.562	VV	4567	88834	2.20%	0.148%
242	18.591	18.562	18.610	VV	5356	128054	3.17%	0.214%
243	18.653	18.610	18.702	VV	5784	259491	6.43%	0.434%
244	18.735	18.702	18.758	VV	7054	167006	4.14%	0.279%
245	18.780	18.758	18.811	VV	5875	147868	3.66%	0.247%
246	18.840	18.811	18.857	VV	38497	699729	17.33%	1.169%

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247	18.877	18.857	18.955	VV	54430	1116824	27.65%	1.866%
248	18.971	18.955	19.001	VV	5307	144649	3.58%	0.242%
249	19.022	19.001	19.040	VV	5281	117460	2.91%	0.196%
250	19.063	19.040	19.098	VV	5223	175792	4.35%	0.294%
251	19.126	19.098	19.151	VV	6308	164505	4.07%	0.275%
252	19.169	19.151	19.205	VV	5053	140828	3.49%	0.235%
253	19.263	19.205	19.335	VV	21753	554274	13.72%	0.926%
254	19.385	19.335	19.431	VV	9685	404975	10.03%	0.677%
255	19.456	19.431	19.479	VV	6592	171936	4.26%	0.287%
256	19.504	19.479	19.587	VV	7622	393680	9.75%	0.658%
257	19.633	19.587	19.717	VV	18873	702229	17.39%	1.173%
258	19.742	19.717	19.761	VV	6066	147414	3.65%	0.246%
259	19.784	19.761	19.807	VV	5728	152097	3.77%	0.254%
260	19.878	19.807	19.917	VV	6660	405681	10.04%	0.678%
261	20.004	19.917	20.035	VV	13036	524388	12.98%	0.876%
262	20.054	20.035	20.081	VV	6968	184039	4.56%	0.308%
263	20.120	20.081	20.147	VV	6689	248547	6.15%	0.415%
264	20.176	20.147	20.212	VV	7824	261263	6.47%	0.437%
265	20.252	20.212	20.285	VV	7140	290867	7.20%	0.486%
266	20.361	20.285	20.421	VV	12360	662162	16.40%	1.107%
267	20.461	20.421	20.501	VV	8788	384097	9.51%	0.642%
268	20.524	20.501	20.571	VV	7735	312138	7.73%	0.522%
269	20.590	20.571	20.611	VV	7039	167072	4.14%	0.279%
270	20.725	20.611	20.772	VV	11121	746897	18.49%	1.248%
271	20.787	20.772	20.895	VV	7446	528286	13.08%	0.883%
272	20.930	20.895	21.008	VV	7032	465614	11.53%	0.778%
273	21.043	21.008	21.101	VV	7383	388033	9.61%	0.648%
274	21.132	21.101	21.232	VV	8210	548662	13.59%	0.917%
275	21.263	21.232	21.338	VV	6627	402288	9.96%	0.672%
276	21.362	21.338	21.455	VV	6527	426883	10.57%	0.713%
277	21.587	21.455	21.618	VV	8513	622961	15.42%	1.041%
278	21.640	21.618	21.721	VV	6401	372356	9.22%	0.622%
279	21.748	21.721	21.798	VV	5870	263024	6.51%	0.440%
280	21.853	21.798	21.887	VV	5717	301461	7.46%	0.504%
281	21.915	21.887	21.948	VV	5660	206410	5.11%	0.345%
282	21.985	21.948	22.041	VV	5690	312937	7.75%	0.523%
283	22.105	22.041	22.145	VV	6141	360202	8.92%	0.602%
284	22.162	22.145	22.238	VV	5674	309871	7.67%	0.518%
285	22.294	22.238	22.323	VV	5843	288672	7.15%	0.482%
286	22.348	22.323	22.381	VV	5837	202265	5.01%	0.338%
287	22.400	22.381	22.510	VV	5849	423306	10.48%	0.707%
288	22.695	22.510	22.818	VV	6089	1004451	24.87%	1.679%
289	22.870	22.818	22.971	VV	5178	468869	11.61%	0.784%
290	23.046	22.971	23.151	VV	5080	539292	13.35%	0.901%
291	23.207	23.151	23.321	VV	5271	510170	12.63%	0.853%
292	23.383	23.321	23.451	VV	5088	382491	9.47%	0.639%
293	23.480	23.451	23.585	VV	4844	381467	9.45%	0.637%
294	23.613	23.585	23.688	VV	4821	291222	7.21%	0.487%
295	23.703	23.688	23.721	VV	4589	89962	2.23%	0.150%
296	23.781	23.721	23.928	VV	4735	559875	13.86%	0.936%
297	23.949	23.928	24.025	VV	4389	249999	6.19%	0.418%
Sum of corrected areas:						59841978		

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