

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111418\
 Data File : FE029236.D
 Signal(s) : FID1B.CH
 Acq On : 14 Nov 2018 19:16
 Sample : J5838-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\C44-FE102318.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.495	2.465	2.571	BH	217	4160	0.10%	0.003%
2	2.587	2.571	2.632	PH	136	2458	0.06%	0.001%
3	2.664	2.632	2.712	HH	891	14829	0.35%	0.009%
4	2.722	2.712	2.729	HH	309	2647	0.06%	0.002%
5	2.753	2.729	2.805	HH	866	11839	0.28%	0.007%
6	2.903	2.805	2.939	HH	276	14795	0.35%	0.009%
7	2.955	2.939	2.985	HH	385	8290	0.20%	0.005%
8	2.997	2.985	3.003	HH	315	3232	0.08%	0.002%
9	3.046	3.003	3.079	HH	370	13630	0.32%	0.008%
10	3.086	3.079	3.117	HH	451	8340	0.20%	0.005%
11	3.131	3.117	3.185	HH	408	14278	0.34%	0.009%
12	3.194	3.185	3.219	HH	395	7212	0.17%	0.004%
13	3.237	3.219	3.276	HH	433	13448	0.32%	0.008%
14	3.284	3.276	3.294	HH	400	4066	0.10%	0.002%
15	3.311	3.294	3.325	HH	476	7901	0.19%	0.005%
16	3.338	3.325	3.395	HH	462	17622	0.42%	0.011%
17	3.409	3.395	3.439	HH	641	13273	0.31%	0.008%
18	3.456	3.439	3.472	HH	811	12647	0.30%	0.008%
19	3.501	3.472	3.534	HH	676	20713	0.49%	0.012%
20	3.545	3.534	3.555	HH	541	6912	0.16%	0.004%
21	3.566	3.555	3.589	HH	624	10908	0.26%	0.007%
22	3.598	3.589	3.629	HH	572	12854	0.30%	0.008%
23	3.634	3.629	3.665	HH	556	11320	0.27%	0.007%
24	3.702	3.665	3.778	HH	626	35984	0.85%	0.022%
25	3.801	3.778	3.849	HH	752	26248	0.62%	0.016%
26	3.861	3.849	3.869	HH	649	7351	0.17%	0.004%
27	3.882	3.869	3.922	HH	714	19147	0.45%	0.012%
28	3.931	3.922	3.942	HH	600	7109	0.17%	0.004%
29	3.954	3.942	3.999	HH	688	19614	0.46%	0.012%
30	4.022	3.999	4.032	HH	680	12068	0.28%	0.007%
31	4.041	4.032	4.055	HH	665	7825	0.18%	0.005%
32	4.080	4.055	4.088	HH	648	11095	0.26%	0.007%
33	4.098	4.088	4.136	HH	708	17588	0.41%	0.011%
34	4.142	4.136	4.154	HH	628	6200	0.15%	0.004%
35	4.174	4.154	4.358	HH	20282	512456	12.08%	0.309%
36	4.373	4.358	4.487	HH	1370	91272	2.15%	0.055%

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37	4.518	4.487	4.548	HH	1174	39791	0.94%	0.024%
38	4.562	4.548	4.633	HH	1310	52112	1.23%	0.031%
39	4.654	4.633	4.697	HH	1079	36269	0.86%	0.022%
40	4.716	4.697	4.780	HH	3363	72075	1.70%	0.043%
41	4.808	4.780	4.897	HH	897	56353	1.33%	0.034%
42	4.925	4.897	4.971	HH	903	34706	0.82%	0.021%
43	4.981	4.971	5.011	HH	842	18617	0.44%	0.011%
44	5.030	5.011	5.065	HH	884	25024	0.59%	0.015%
45	5.073	5.065	5.083	HH	824	8428	0.20%	0.005%
46	5.097	5.083	5.122	HH	909	18717	0.44%	0.011%
47	5.161	5.122	5.235	HH	927	53166	1.25%	0.032%
48	5.249	5.235	5.271	HH	810	15757	0.37%	0.010%
49	5.304	5.271	5.359	HH	832	39478	0.93%	0.024%
50	5.382	5.359	5.424	HH	871	30243	0.71%	0.018%
51	5.448	5.424	5.526	HH	951	51362	1.21%	0.031%
52	5.535	5.526	5.588	HH	809	28442	0.67%	0.017%
53	5.601	5.588	5.680	HH	992	43506	1.03%	0.026%
54	5.693	5.680	5.709	HH	777	12971	0.31%	0.008%
55	5.751	5.709	5.766	HH	915	26982	0.64%	0.016%
56	5.792	5.766	5.811	HH	909	21828	0.51%	0.013%
57	5.829	5.811	5.866	HH	1104	30178	0.71%	0.018%
58	5.876	5.866	5.909	HH	906	22843	0.54%	0.014%
59	5.917	5.909	5.959	HH	934	25086	0.59%	0.015%
60	5.979	5.959	6.019	HH	864	29282	0.69%	0.018%
61	6.032	6.019	6.087	HH	892	33315	0.79%	0.020%
62	6.099	6.087	6.125	HH	875	18938	0.45%	0.011%
63	6.150	6.125	6.175	HH	1085	28807	0.68%	0.017%
64	6.200	6.175	6.224	HH	1146	30606	0.72%	0.018%
65	6.237	6.224	6.241	HH	1058	10059	0.24%	0.006%
66	6.255	6.241	6.272	HH	1119	19601	0.46%	0.012%
67	6.296	6.272	6.352	HH	3017	67306	1.59%	0.041%
68	6.362	6.352	6.397	HH	1035	26391	0.62%	0.016%
69	6.412	6.397	6.419	HH	1009	12391	0.29%	0.007%
70	6.489	6.419	6.551	HH	1135	80184	1.89%	0.048%
71	6.559	6.551	6.567	HH	1016	9401	0.22%	0.006%
72	6.596	6.567	6.659	HH	1612	61812	1.46%	0.037%
73	6.667	6.659	6.702	HH	923	24255	0.57%	0.015%
74	6.708	6.702	6.751	HH	961	26148	0.62%	0.016%
75	6.790	6.751	6.803	HH	1280	34081	0.80%	0.021%
76	6.814	6.803	6.826	HH	1262	16200	0.38%	0.010%
77	6.834	6.826	6.845	HH	1145	12311	0.29%	0.007%
78	6.867	6.845	6.953	HH	1218	69106	1.63%	0.042%
79	6.976	6.953	6.989	HH	1056	20950	0.49%	0.013%
80	7.052	6.989	7.069	HH	1096	48657	1.15%	0.029%
81	7.084	7.069	7.096	HH	1105	16763	0.40%	0.010%
82	7.126	7.096	7.135	HH	1044	23251	0.55%	0.014%
83	7.146	7.135	7.155	HH	1092	12287	0.29%	0.007%
84	7.182	7.155	7.196	HH	1161	27283	0.64%	0.016%
85	7.218	7.196	7.235	HH	1335	28159	0.66%	0.017%
86	7.249	7.235	7.274	HH	1217	27336	0.64%	0.016%
87	7.290	7.274	7.329	HH	1360	38155	0.90%	0.023%
88	7.408	7.329	7.448	HH	1266	79849	1.88%	0.048%
89	7.469	7.448	7.489	HH	1215	27967	0.66%	0.017%

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90	7.516	7.489	7.548	HH	1278	42016	0.99%	0.025%
91	7.571	7.548	7.621	HH	1222	50427	1.19%	0.030%
92	7.647	7.621	7.661	HH	1243	27587	0.65%	0.017%
93	7.698	7.661	7.747	HH	1300	60744	1.43%	0.037%
94	7.761	7.747	7.775	HH	1242	19333	0.46%	0.012%
95	7.801	7.775	7.848	HH	1500	55092	1.30%	0.033%
96	7.873	7.848	7.884	HH	1337	27334	0.64%	0.016%
97	7.919	7.884	7.955	HH	2011	68458	1.61%	0.041%
98	7.971	7.955	8.003	HH	1852	42565	1.00%	0.026%
99	8.011	8.003	8.068	HH	1316	50041	1.18%	0.030%
100	8.083	8.068	8.099	HH	1329	22812	0.54%	0.014%
101	8.129	8.099	8.226	HH	1443	100972	2.38%	0.061%
102	8.292	8.226	8.322	HH	1786	85810	2.02%	0.052%
103	8.382	8.322	8.422	HH	2259	98682	2.33%	0.060%
104	8.455	8.422	8.722	HH	35279	784058	18.49%	0.473%
105	8.753	8.722	8.792	HH	2018	75078	1.77%	0.045%
106	8.820	8.792	8.862	HH	2119	82321	1.94%	0.050%
107	8.916	8.862	9.016	HH	2489	184299	4.35%	0.111%
108	9.037	9.016	9.089	HH	1913	79155	1.87%	0.048%
109	9.120	9.089	9.185	HH	2457	122714	2.89%	0.074%
110	9.208	9.185	9.259	HH	3038	102078	2.41%	0.062%
111	9.289	9.259	9.322	HH	2151	75341	1.78%	0.045%
112	9.389	9.322	9.456	HH	3174	178011	4.20%	0.107%
113	9.499	9.456	9.555	HH	2338	126714	2.99%	0.076%
114	9.605	9.555	9.639	HH	2630	121767	2.87%	0.073%
115	9.652	9.639	9.694	HH	2610	82267	1.94%	0.050%
116	9.716	9.694	9.750	HH	2625	83961	1.98%	0.051%
117	9.766	9.750	9.792	HH	2639	62295	1.47%	0.038%
118	9.826	9.792	9.869	HH	2713	113788	2.68%	0.069%
119	9.941	9.869	9.972	HH	2971	167093	3.94%	0.101%
120	9.988	9.972	10.035	HH	4070	115141	2.71%	0.069%
121	10.054	10.035	10.095	HH	2875	99378	2.34%	0.060%
122	10.111	10.095	10.142	HH	2788	75527	1.78%	0.046%
123	10.163	10.142	10.225	HH	2828	134336	3.17%	0.081%
124	10.263	10.225	10.285	HH	2809	97023	2.29%	0.059%
125	10.333	10.285	10.351	HH	3227	114543	2.70%	0.069%
126	10.407	10.351	10.449	HH	6288	229580	5.41%	0.138%
127	10.467	10.449	10.499	HH	3498	100461	2.37%	0.061%
128	10.521	10.499	10.562	HH	3775	130267	3.07%	0.079%
129	10.654	10.562	10.674	HH	4067	236533	5.58%	0.143%
130	10.727	10.674	10.755	HH	5372	206348	4.87%	0.124%
131	10.798	10.755	10.822	HH	4919	166787	3.93%	0.101%
132	10.842	10.822	10.905	HH	4496	201361	4.75%	0.121%
133	10.966	10.905	10.992	HH	4098	205204	4.84%	0.124%
134	11.022	10.992	11.095	HH	8597	351093	8.28%	0.212%
135	11.124	11.095	11.195	HH	5069	279819	6.60%	0.169%
136	11.235	11.195	11.285	HH	4608	242075	5.71%	0.146%
137	11.367	11.285	11.389	HH	4990	284564	6.71%	0.172%
138	11.429	11.389	11.489	HH	6157	306372	7.22%	0.185%
139	11.522	11.489	11.579	HH	5822	271203	6.39%	0.164%
140	11.596	11.579	11.610	HH	4922	91768	2.16%	0.055%
141	11.629	11.610	11.649	HH	5132	111330	2.62%	0.067%

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142	11.738	11.649	11.779	HH	5359	393558	9.28%	0.237%
143	11.865	11.779	11.925	HH	7583	564028	13.30%	0.340%
144	11.940	11.925	12.049	HH	7574	490832	11.57%	0.296%
145	12.101	12.049	12.146	HH	7578	379221	8.94%	0.229%
146	12.164	12.146	12.195	HH	6396	184364	4.35%	0.111%
147	12.247	12.195	12.284	HH	6752	340418	8.03%	0.205%
148	12.318	12.284	12.402	HH	6679	460577	10.86%	0.278%
149	12.439	12.402	12.459	HH	6720	222360	5.24%	0.134%
150	12.516	12.459	12.555	HH	6895	376015	8.87%	0.227%
151	12.613	12.555	12.649	HH	6922	371211	8.75%	0.224%
152	12.716	12.649	12.731	HH	7949	349264	8.23%	0.211%
153	12.748	12.731	12.785	HH	8095	238700	5.63%	0.144%
154	12.838	12.785	12.981	HH	35561	1247134	29.40%	0.752%
155	12.999	12.981	13.011	HH	7390	131697	3.11%	0.079%
156	13.033	13.011	13.099	HH	7846	390768	9.21%	0.236%
157	13.140	13.099	13.185	HH	28911	700579	16.52%	0.423%
158	13.203	13.185	13.224	HH	10251	219102	5.17%	0.132%
159	13.242	13.224	13.255	HH	9626	172627	4.07%	0.104%
160	13.271	13.255	13.342	HH	10043	449629	10.60%	0.271%
161	13.357	13.342	13.389	HH	8767	234016	5.52%	0.141%
162	13.416	13.389	13.508	HH	8927	598045	14.10%	0.361%
163	13.528	13.508	13.549	HH	8256	197202	4.65%	0.119%
164	13.609	13.549	13.689	HH	9279	716450	16.89%	0.432%
165	13.746	13.689	13.785	HH	11259	524613	12.37%	0.316%
166	13.802	13.785	13.829	HH	8967	224900	5.30%	0.136%
167	13.854	13.829	13.873	HH	9462	238359	5.62%	0.144%
168	13.896	13.873	13.971	HH	9783	537517	12.67%	0.324%
169	14.016	13.971	14.049	HH	9754	422376	9.96%	0.255%
170	14.066	14.049	14.102	HH	9210	282714	6.67%	0.171%
171	14.176	14.102	14.208	HH	9284	559028	13.18%	0.337%
172	14.274	14.208	14.291	HH	9112	443631	10.46%	0.268%
173	14.317	14.291	14.375	HH	10916	487825	11.50%	0.294%
174	14.449	14.375	14.489	HH	10735	666279	15.71%	0.402%
175	14.538	14.489	14.572	HH	19948	558475	13.17%	0.337%
176	14.593	14.572	14.635	HH	11391	402640	9.49%	0.243%
177	14.668	14.635	14.695	HH	12597	402829	9.50%	0.243%
178	14.720	14.695	14.766	HH	12371	473673	11.17%	0.286%
179	14.782	14.766	14.809	HH	11356	281167	6.63%	0.170%
180	14.851	14.809	14.982	HH	209542	3325708	78.41%	2.006%
181	15.035	14.982	15.051	HH	19574	549602	12.96%	0.331%
182	15.074	15.051	15.149	HH	27070	943104	22.24%	0.569%
183	15.198	15.149	15.231	HH	12818	556491	13.12%	0.336%
184	15.258	15.231	15.299	HH	12092	463821	10.94%	0.280%
185	15.390	15.299	15.412	HH	13405	790689	18.64%	0.477%
186	15.498	15.412	15.555	HH	16218	1316703	31.05%	0.794%
187	15.596	15.555	15.640	HH	17746	811235	19.13%	0.489%
188	15.658	15.640	15.691	HH	15639	452121	10.66%	0.273%
189	15.718	15.691	15.795	HH	15936	903929	21.31%	0.545%
190	15.808	15.795	15.832	HH	13571	291625	6.88%	0.176%
191	15.859	15.832	15.927	HH	14579	770006	18.16%	0.464%
192	15.946	15.927	15.982	HH	13169	414285	9.77%	0.250%
193	15.997	15.982	16.018	HH	12729	267933	6.32%	0.162%
194	16.075	16.018	16.102	HH	16707	679768	16.03%	0.410%

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195	16.143	16.102	16.195	HH	14011	721908	17.02%	0.435%
196	16.217	16.195	16.251	HH	13418	432695	10.20%	0.261%
197	16.296	16.251	16.342	HH	13499	705888	16.64%	0.426%
198	16.400	16.342	16.472	HH	14498	1065984	25.13%	0.643%
199	16.562	16.472	16.578	HH	22048	993424	23.42%	0.599%
200	16.603	16.578	16.682	HH	39500	1393995	32.87%	0.841%
201	16.710	16.682	16.825	HH	17880	1383909	32.63%	0.835%
202	16.928	16.825	16.966	HH	29482	1495478	35.26%	0.902%
203	16.994	16.966	17.011	HH	27680	587805	13.86%	0.355%
204	17.028	17.011	17.053	HH	29929	572590	13.50%	0.345%
205	17.079	17.053	17.202	HH	32605	1700973	40.11%	1.026%
206	17.261	17.202	17.279	HH	17383	778373	18.35%	0.469%
207	17.293	17.279	17.332	HH	17376	531296	12.53%	0.320%
208	17.385	17.332	17.449	HH	18329	1204700	28.40%	0.727%
209	17.480	17.449	17.549	HH	35367	1251835	29.52%	0.755%
210	17.573	17.549	17.592	HH	18286	456383	10.76%	0.275%
211	17.611	17.592	17.641	HH	18316	517138	12.19%	0.312%
212	17.666	17.641	17.742	HH	18121	1032854	24.35%	0.623%
213	17.766	17.742	17.780	HH	17354	390010	9.20%	0.235%
214	17.798	17.780	17.819	HH	17144	391108	9.22%	0.236%
215	17.919	17.819	17.952	HH	35871	1624911	38.31%	0.980%
216	18.011	17.952	18.045	HH	22260	1055900	24.90%	0.637%
217	18.085	18.045	18.152	HH	21518	1229774	29.00%	0.742%
218	18.188	18.152	18.242	HH	20481	1041924	24.57%	0.628%
219	18.288	18.242	18.319	HH	24698	989589	23.33%	0.597%
220	18.344	18.319	18.363	HH	39567	804521	18.97%	0.485%
221	18.381	18.363	18.434	HH	32976	1127271	26.58%	0.680%
222	18.451	18.434	18.499	HH	25752	907625	21.40%	0.547%
223	18.547	18.499	18.579	HH	23473	1065054	25.11%	0.642%
224	18.638	18.579	18.695	HH	33084	1728124	40.75%	1.042%
225	18.752	18.695	18.831	HH	35657	1955598	46.11%	1.179%
226	18.857	18.831	18.904	HH	25671	990041	23.34%	0.597%
227	18.926	18.904	18.992	HH	23569	1150147	27.12%	0.694%
228	19.053	18.992	19.075	HH	22403	1071306	25.26%	0.646%
229	19.154	19.075	19.235	HH	31043	2353098	55.48%	1.419%
230	19.263	19.235	19.286	HH	25805	769358	18.14%	0.464%
231	19.312	19.286	19.375	HH	27148	1380225	32.54%	0.832%
232	19.411	19.375	19.455	HH	25229	1189578	28.05%	0.717%
233	19.472	19.455	19.495	HH	25698	599041	14.12%	0.361%
234	19.539	19.495	19.568	HH	30807	1141486	26.91%	0.688%
235	19.588	19.568	19.605	HH	25499	560970	13.23%	0.338%
236	19.630	19.605	19.702	HH	27726	1488769	35.10%	0.898%
237	19.738	19.702	19.762	HH	26500	916989	21.62%	0.553%
238	19.814	19.762	19.855	HH	30202	1548614	36.51%	0.934%
239	19.916	19.855	19.962	HH	34408	1901435	44.83%	1.147%
240	19.978	19.962	19.994	HH	28281	529045	12.47%	0.319%
241	20.015	19.994	20.065	HH	28596	1170225	27.59%	0.706%
242	20.101	20.065	20.125	HH	29213	999622	23.57%	0.603%
243	20.196	20.125	20.245	HH	34718	2157676	50.87%	1.301%
244	20.280	20.245	20.302	HH	33180	1042079	24.57%	0.628%
245	20.325	20.302	20.355	HH	31460	975193	22.99%	0.588%
246	20.369	20.355	20.429	HH	30148	1297531	30.59%	0.783%

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247	20.455	20.429	20.485	HH	29980	997025	23.51%	0.601%
248	20.543	20.485	20.603	HH	30837	2082642	49.10%	1.256%
249	20.650	20.603	20.739	HH	31933	2413531	56.91%	1.456%
250	20.768	20.739	20.791	HH	29020	897870	21.17%	0.542%
251	20.822	20.791	20.875	HH	30220	1486437	35.05%	0.896%
252	20.909	20.875	21.025	HH	29196	2608553	61.50%	1.573%
253	21.052	21.025	21.182	HH	31220	2660790	62.74%	1.605%
254	21.213	21.182	21.234	HH	27564	861357	20.31%	0.519%
255	21.307	21.234	21.351	HH	28333	1963398	46.29%	1.184%
256	21.391	21.351	21.471	HH	29705	2041472	48.13%	1.231%
257	21.505	21.471	21.578	HH	29251	1760150	41.50%	1.062%
258	21.623	21.578	21.664	HH	27387	1405396	33.14%	0.848%
259	21.730	21.664	21.802	HH	28506	2297047	54.16%	1.385%
260	21.824	21.802	21.949	HH	27584	2354447	55.51%	1.420%
261	21.969	21.949	21.988	HH	26321	616719	14.54%	0.372%
262	22.019	21.988	22.040	HH	27832	841543	19.84%	0.508%
263	22.066	22.040	22.112	HH	27768	1168476	27.55%	0.705%
264	22.137	22.112	22.255	HH	26759	2262261	53.34%	1.364%
265	22.280	22.255	22.532	HH	26259	4241232	100.00%	2.558%
266	22.606	22.532	22.719	HH	26382	2817042	66.42%	1.699%
267	22.737	22.719	22.782	HH	24876	941132	22.19%	0.568%
268	22.868	22.782	22.919	HH	25863	2074409	48.91%	1.251%
269	22.938	22.919	23.099	HH	25399	2633484	62.09%	1.588%
270	23.280	23.099	23.362	HH	25411	3810625	89.85%	2.298%
271	23.497	23.362	23.615	HH	24393	3640540	85.84%	2.196%
272	23.646	23.615	23.665	HH	23334	693191	16.34%	0.418%
273	23.711	23.665	23.768	HH	23284	1434010	33.81%	0.865%
274	23.842	23.768	23.928	HH	23957	2253941	53.14%	1.359%
275	23.944	23.928	23.988	HH	23373	830764	19.59%	0.501%
276	24.057	23.988	24.119	HH	24317	1853470	43.70%	1.118%
277	24.142	24.119	24.395	HH	23349	3753898	88.51%	2.264%
278	24.429	24.395	24.449	HH	22320	711042	16.76%	0.429%
279	24.521	24.449	24.562	HH	22681	1528973	36.05%	0.922%
280	24.580	24.562	24.599	HH	22487	493339	11.63%	0.298%
281	24.636	24.599	24.679	HH	22582	1086797	25.62%	0.655%
282	24.717	24.679	24.785	HH	22554	1432295	33.77%	0.864%
283	24.817	24.785	24.852	HH	22648	901461	21.25%	0.544%
284	24.865	24.852	24.886	HH	22662	455510	10.74%	0.275%
285	24.963	24.886	25.082	HHA	23315	2683551	63.27%	1.618%

Sum of corrected areas: 165811370

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