

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112320\
 Data File : FE033172.D
 Signal(s) : FID1B.CH
 Acq On : 23 Nov 2020 18:59
 Sample : L4868-04MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE110220.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.376	4.352	4.520	PH	913198	9077720	94.94%	6.410%
2	4.541	4.520	4.643	PH	2654	28845	0.30%	0.020%
3	4.655	4.643	4.682	PH	-394	-14446	-0.15%	-0.010%
4	4.687	4.682	4.702	PH	-670	-10221	-0.11%	-0.007%
5	4.706	4.702	4.710	PH	-845	-3901	-0.04%	-0.003%
6	4.714	4.710	4.741	PH	-833	-17142	-0.18%	-0.012%
7	4.746	4.741	4.795	PH	-881	-35042	-0.37%	-0.025%
8	4.800	4.795	4.814	PH	-1139	-13213	-0.14%	-0.009%
9	4.819	4.814	4.839	PH	-1144	-18249	-0.19%	-0.013%
10	4.845	4.839	4.872	PH	-1164	-25648	-0.27%	-0.018%
11	4.879	4.872	4.886	PH	-1324	-11369	-0.12%	-0.008%
12	4.891	4.886	4.902	PH	-1357	-13408	-0.14%	-0.009%
13	4.909	4.902	4.922	PH	-1344	-17056	-0.18%	-0.012%
14	4.930	4.922	4.935	PH	-1376	-10971	-0.11%	-0.008%
15	4.977	4.935	4.984	PH	-1067	-38844	-0.41%	-0.027%
16	4.987	4.984	4.996	PH	-1081	-8575	-0.09%	-0.006%
17	5.000	4.996	5.009	PH	-1127	-9631	-0.10%	-0.007%
18	5.024	5.009	5.036	PH	-1225	-21125	-0.22%	-0.015%
19	5.050	5.036	5.070	PH	-1169	-26522	-0.28%	-0.019%
20	5.083	5.070	5.101	PH	-1356	-26250	-0.27%	-0.019%
21	5.108	5.101	5.115	PH	-1378	-12306	-0.13%	-0.009%
22	5.123	5.115	5.146	PH	-1325	-26047	-0.27%	-0.018%
23	5.181	5.146	5.188	PH	-1221	-33246	-0.35%	-0.023%
24	5.196	5.188	5.202	PH	-1246	-11326	-0.12%	-0.008%
25	5.209	5.202	5.217	PH	-1133	-11084	-0.12%	-0.008%
26	5.225	5.217	5.236	PH	-1179	-14411	-0.15%	-0.010%
27	5.267	5.236	5.274	PH	-965	-25419	-0.27%	-0.018%
28	5.279	5.274	5.286	PH	-910	-6737	-0.07%	-0.005%
29	5.291	5.286	5.309	PH	-931	-14553	-0.15%	-0.010%
30	5.314	5.309	5.321	PH	-1069	-7667	-0.08%	-0.005%
31	5.327	5.321	5.333	PH	-1081	-8420	-0.09%	-0.006%
32	5.341	5.333	5.345	PH	-1113	-8068	-0.08%	-0.006%
33	5.353	5.345	5.370	PH	-1119	-17057	-0.18%	-0.012%
34	5.374	5.370	5.379	PH	-1097	-6703	-0.07%	-0.005%
35	5.409	5.379	5.460	PH	2548	955	0.01%	0.001%
36	5.469	5.460	5.476	PH	-893	-9540	-0.10%	-0.007%

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37	5.480	5.476	5.493	PH	-975	-11428	-0.12%	-0.008%
38	5.529	5.493	5.556	PH	-711	-34582	-0.36%	-0.024%
39	5.562	5.556	5.626	PH	-881	-46159	-0.48%	-0.033%
40	5.631	5.626	5.647	PH	-1192	-16361	-0.17%	-0.012%
41	5.655	5.647	5.661	PH	-1141	-10089	-0.11%	-0.007%
42	5.676	5.661	5.689	PH	-1040	-18832	-0.20%	-0.013%
43	5.694	5.689	5.707	PH	-1004	-12398	-0.13%	-0.009%
44	5.714	5.707	5.722	PH	-1126	-10276	-0.11%	-0.007%
45	5.728	5.722	5.749	PH	-1182	-20271	-0.21%	-0.014%
46	5.771	5.749	5.798	PH	-1045	-36359	-0.38%	-0.026%
47	5.805	5.798	5.814	PH	-1312	-12939	-0.14%	-0.009%
48	5.826	5.814	5.836	PH	-1353	-18369	-0.19%	-0.013%
49	5.865	5.836	5.871	PH	-1196	-27974	-0.29%	-0.020%
50	5.876	5.871	5.897	PH	-1280	-20339	-0.21%	-0.014%
51	5.902	5.897	5.917	PH	-1310	-16510	-0.17%	-0.012%
52	5.961	5.917	5.986	PH	-654	-48740	-0.51%	-0.034%
53	5.997	5.986	6.004	PH	-1126	-12984	-0.14%	-0.009%
54	6.019	6.004	6.024	PH	-1156	-14385	-0.15%	-0.010%
55	6.030	6.024	6.037	PH	-1195	-9644	-0.10%	-0.007%
56	6.044	6.037	6.052	PH	-1044	-10804	-0.11%	-0.008%
57	6.057	6.052	6.061	PH	-1178	-6501	-0.07%	-0.005%
58	6.098	6.061	6.145	PH	6243	26364	0.28%	0.019%
59	6.157	6.145	6.172	PH	-854	-14932	-0.16%	-0.011%
60	6.181	6.172	6.208	PH	-796	-19406	-0.20%	-0.014%
61	6.212	6.208	6.218	PH	-850	-5734	-0.06%	-0.004%
62	6.228	6.218	6.254	PH	-815	-19471	-0.20%	-0.014%
63	6.299	6.254	6.337	PH	-719	-43706	-0.46%	-0.031%
64	6.345	6.337	6.352	PH	-936	-8510	-0.09%	-0.006%
65	6.384	6.352	6.519	PH	840380	9031521	94.46%	6.378%
66	6.524	6.519	6.611	HH	657	5853	0.06%	0.004%
67	6.628	6.611	6.675	PH	-124	-10222	-0.11%	-0.007%
68	6.696	6.675	6.726	PH	442	1783	0.02%	0.001%
69	6.731	6.726	6.760	PH	-158	-6210	-0.06%	-0.004%
70	6.767	6.760	6.773	PH	-365	-3291	-0.03%	-0.002%
71	6.776	6.773	6.787	PH	-452	-4313	-0.05%	-0.003%
72	6.793	6.787	6.800	PH	-551	-4338	-0.05%	-0.003%
73	6.809	6.800	6.819	PH	-496	-6630	-0.07%	-0.005%
74	6.822	6.819	6.829	PH	-548	-3541	-0.04%	-0.003%
75	6.837	6.829	6.845	PH	-545	-6086	-0.06%	-0.004%
76	6.856	6.845	6.865	PH	-627	-8112	-0.08%	-0.006%
77	6.887	6.865	6.898	PH	-529	-12060	-0.13%	-0.009%
78	6.903	6.898	6.914	PH	-497	-5265	-0.06%	-0.004%
79	6.924	6.914	6.936	PH	-553	-7897	-0.08%	-0.006%
80	6.949	6.936	6.969	PH	-386	-10314	-0.11%	-0.007%
81	6.977	6.969	6.984	PH	-342	-3959	-0.04%	-0.003%
82	7.007	6.984	7.036	PH	-193	-11465	-0.12%	-0.008%
83	7.042	7.036	7.058	PH	-276	-5344	-0.06%	-0.004%
84	7.084	7.058	7.098	PH	70	-4628	-0.05%	-0.003%
85	7.104	7.098	7.109	PH	-96	-1336	-0.01%	-0.001%
86	7.142	7.109	7.174	PH	32	-5777	-0.06%	-0.004%
87	7.179	7.174	7.196	PH	-141	-3559	-0.04%	-0.003%
88	7.201	7.196	7.204	PH	-335	-1873	-0.02%	-0.001%
89	7.226	7.204	7.237	PH	-169	-5056	-0.05%	-0.004%

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90	7.262	7.237	7.289	PH	-132	-8288	-0.09%	-0.006%
91	7.311	7.289	7.376	PH	2434	25355	0.27%	0.018%
92	7.386	7.376	7.403	PH	-368	-6809	-0.07%	-0.005%
93	7.426	7.403	7.451	PH	-173	-10278	-0.11%	-0.007%
94	7.473	7.451	7.510	PH	-297	-13966	-0.15%	-0.010%
95	7.516	7.510	7.526	PH	-373	-4171	-0.04%	-0.003%
96	7.590	7.526	7.620	PH	894	-46	-0.00%	-0.000%
97	7.624	7.620	7.628	PH	47	-107	-0.00%	-0.000%
98	7.637	7.628	7.645	PH	31	-30	-0.00%	-0.000%
99	7.648	7.645	7.654	PH	13	-105	-0.00%	-0.000%
100	7.663	7.654	7.672	PH	58	-410	-0.00%	-0.000%
101	7.676	7.672	7.691	PH	-24	-1080	-0.01%	-0.001%
102	7.714	7.691	7.732	PH	432	3479	0.04%	0.002%
103	7.761	7.732	7.781	HH	1177	16434	0.17%	0.012%
104	7.784	7.781	7.808	HH	551	3816	0.04%	0.003%
105	7.824	7.808	7.841	HH	297	2446	0.03%	0.002%
106	7.870	7.841	7.909	PH	1263	16070	0.17%	0.011%
107	7.941	7.909	7.979	PH	1554	39368	0.41%	0.028%
108	7.991	7.979	8.024	HH	1142	19538	0.20%	0.014%
109	8.029	8.024	8.044	HH	317	2939	0.03%	0.002%
110	8.089	8.044	8.106	HH	609	13639	0.14%	0.010%
111	8.108	8.106	8.111	HH	508	1459	0.02%	0.001%
112	8.175	8.111	8.238	HH	853524	9264344	96.89%	6.542%
113	8.260	8.238	8.508	HH	48988	1661935	17.38%	1.174%
114	8.536	8.508	8.567	HH	3587	85180	0.89%	0.060%
115	8.605	8.567	8.643	HH	2110	81632	0.85%	0.058%
116	8.706	8.643	8.745	HH	3646	142425	1.49%	0.101%
117	8.762	8.745	8.784	HH	2170	43716	0.46%	0.031%
118	8.787	8.784	8.805	HH	1618	17885	0.19%	0.013%
119	8.832	8.805	8.843	HH	1693	34751	0.36%	0.025%
120	8.849	8.843	8.888	HH	1616	39029	0.41%	0.028%
121	8.911	8.888	8.927	HH	1901	40032	0.42%	0.028%
122	8.948	8.927	8.972	HH	1886	47246	0.49%	0.033%
123	8.995	8.972	9.061	HH	6925	155232	1.62%	0.110%
124	9.076	9.061	9.096	HH	1809	32990	0.35%	0.023%
125	9.099	9.096	9.103	HH	1437	6135	0.06%	0.004%
126	9.106	9.103	9.124	HH	1454	18202	0.19%	0.013%
127	9.127	9.124	9.151	HH	1534	22149	0.23%	0.016%
128	9.179	9.151	9.191	HH	1527	34321	0.36%	0.024%
129	9.193	9.191	9.199	HH	1515	6961	0.07%	0.005%
130	9.209	9.199	9.218	HH	1451	15648	0.16%	0.011%
131	9.248	9.218	9.274	HH	2091	58631	0.61%	0.041%
132	9.279	9.274	9.304	HH	1861	29896	0.31%	0.021%
133	9.321	9.304	9.331	HH	1523	23303	0.24%	0.016%
134	9.389	9.331	9.395	HH	3750	97756	1.02%	0.069%
135	9.415	9.395	9.444	HH	4098	109268	1.14%	0.077%
136	9.453	9.444	9.474	HH	3420	55588	0.58%	0.039%
137	9.496	9.474	9.530	HH	4076	101625	1.06%	0.072%
138	9.551	9.530	9.577	HH	3324	74725	0.78%	0.053%
139	9.605	9.577	9.631	HH	3594	87326	0.91%	0.062%
140	9.640	9.631	9.666	HH	2354	46163	0.48%	0.033%
141	9.691	9.666	9.707	HH	2972	61549	0.64%	0.043%

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142	9.728	9.707	9.738	HH	2902	50048	0.52%	0.035%
143	9.772	9.738	9.910	HH	791278	9364878	97.94%	6.613%
144	9.931	9.910	9.969	HH	3956	119789	1.25%	0.085%
145	9.978	9.969	10.008	HH	3009	67447	0.71%	0.048%
146	10.036	10.008	10.072	HH	3167	107865	1.13%	0.076%
147	10.109	10.072	10.131	HH	4100	117801	1.23%	0.083%
148	10.157	10.131	10.178	HH	4651	112153	1.17%	0.079%
149	10.201	10.178	10.226	HH	3959	103623	1.08%	0.073%
150	10.249	10.226	10.271	HH	4322	103996	1.09%	0.073%
151	10.288	10.271	10.319	HH	5969	130471	1.36%	0.092%
152	10.330	10.319	10.362	HH	3519	85930	0.90%	0.061%
153	10.388	10.362	10.408	HH	5527	119015	1.24%	0.084%
154	10.434	10.408	10.458	HH	4879	124983	1.31%	0.088%
155	10.462	10.458	10.468	HH	3785	23161	0.24%	0.016%
156	10.509	10.468	10.540	HH	7263	210546	2.20%	0.149%
157	10.579	10.540	10.611	HH	5185	192200	2.01%	0.136%
158	10.636	10.611	10.671	HH	14282	260141	2.72%	0.184%
159	10.676	10.671	10.682	HH	3946	25857	0.27%	0.018%
160	10.696	10.682	10.704	HH	4034	53090	0.56%	0.037%
161	10.724	10.704	10.745	HH	4084	97476	1.02%	0.069%
162	10.764	10.745	10.789	HH	4150	104753	1.10%	0.074%
163	10.816	10.789	10.824	HH	5689	99764	1.04%	0.070%
164	10.835	10.824	10.851	HH	5568	86804	0.91%	0.061%
165	10.880	10.851	10.904	HH	5986	174936	1.83%	0.124%
166	10.925	10.904	10.944	HH	5509	123361	1.29%	0.087%
167	10.979	10.944	11.002	HH	6414	191190	2.00%	0.135%
168	11.015	11.002	11.052	HH	5406	141519	1.48%	0.100%
169	11.068	11.052	11.082	HH	4554	80179	0.84%	0.057%
170	11.096	11.082	11.113	HH	4437	80078	0.84%	0.057%
171	11.141	11.113	11.176	HH	5463	180041	1.88%	0.127%
172	11.212	11.176	11.284	HH	773255	9348317	97.77%	6.602%
173	11.295	11.284	11.353	HH	6991	235748	2.47%	0.166%
174	11.363	11.353	11.370	HH	5019	52645	0.55%	0.037%
175	11.390	11.370	11.428	HH	6355	187974	1.97%	0.133%
176	11.445	11.428	11.478	HH	5261	146686	1.53%	0.104%
177	11.516	11.478	11.536	HH	5984	186952	1.96%	0.132%
178	11.544	11.536	11.579	HH	5640	135813	1.42%	0.096%
179	11.608	11.579	11.625	HH	5633	145920	1.53%	0.103%
180	11.645	11.625	11.677	HH	6285	176692	1.85%	0.125%
181	11.696	11.677	11.750	HH	6638	235127	2.46%	0.166%
182	11.761	11.750	11.794	HH	4911	126737	1.33%	0.089%
183	11.799	11.794	11.803	HH	4718	24667	0.26%	0.017%
184	11.815	11.803	11.831	HH	4821	78815	0.82%	0.056%
185	11.882	11.831	11.904	HH	6178	232393	2.43%	0.164%
186	11.937	11.904	11.975	HH	7409	256507	2.68%	0.181%
187	12.014	11.975	12.055	HH	5977	274371	2.87%	0.194%
188	12.077	12.055	12.094	HH	5709	126560	1.32%	0.089%
189	12.111	12.094	12.122	HH	6189	100055	1.05%	0.071%
190	12.160	12.122	12.271	HH	169533	3269364	34.19%	2.309%
191	12.283	12.271	12.295	HH	7760	108467	1.13%	0.077%
192	12.303	12.295	12.319	HH	7785	110523	1.16%	0.078%
193	12.339	12.319	12.386	HH	8832	290371	3.04%	0.205%
194	12.390	12.386	12.415	HH	6283	109150	1.14%	0.077%

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195	12.467	12.415	12.481	HH	6654	251696	2.63%	0.178%
196	12.520	12.481	12.566	HH	744235	9402451	98.33%	6.640%
197	12.585	12.566	12.605	HH	9258	195364	2.04%	0.138%
198	12.618	12.605	12.644	HH	8008	175779	1.84%	0.124%
199	12.651	12.644	12.688	HH	6506	165794	1.73%	0.117%
200	12.704	12.688	12.719	HH	6225	113370	1.19%	0.080%
201	12.733	12.719	12.738	HH	6147	66888	0.70%	0.047%
202	12.742	12.738	12.750	HH	6184	45990	0.48%	0.032%
203	12.799	12.750	12.817	HH	7188	268243	2.81%	0.189%
204	12.842	12.817	12.884	HH	12773	331915	3.47%	0.234%
205	12.927	12.884	12.953	HH	9798	331872	3.47%	0.234%
206	12.964	12.953	12.999	HH	7716	194365	2.03%	0.137%
207	13.018	12.999	13.046	HH	6659	180328	1.89%	0.127%
208	13.051	13.046	13.064	HH	6407	69928	0.73%	0.049%
209	13.070	13.064	13.086	HH	6416	84443	0.88%	0.060%
210	13.128	13.086	13.149	HH	8487	265548	2.78%	0.188%
211	13.169	13.149	13.201	HH	10894	290413	3.04%	0.205%
212	13.218	13.201	13.244	HH	10091	235472	2.46%	0.166%
213	13.249	13.244	13.316	HH	8602	340327	3.56%	0.240%
214	13.333	13.316	13.340	HH	7138	103315	1.08%	0.073%
215	13.377	13.340	13.403	HH	82918	1240904	12.98%	0.876%
216	13.415	13.403	13.466	HH	18465	477754	5.00%	0.337%
217	13.474	13.466	13.502	HH	8708	186134	1.95%	0.131%
218	13.514	13.502	13.526	HH	8546	120382	1.26%	0.085%
219	13.534	13.526	13.542	HH	8267	75923	0.79%	0.054%
220	13.548	13.542	13.602	HH	8161	280272	2.93%	0.198%
221	13.617	13.602	13.631	HH	7707	132418	1.38%	0.094%
222	13.634	13.631	13.638	HH	7632	33786	0.35%	0.024%
223	13.670	13.638	13.682	HH	11003	243692	2.55%	0.172%
224	13.718	13.682	13.800	HH	706233	9537884	99.75%	6.735%
225	13.826	13.800	13.897	HH	14996	542382	5.67%	0.383%
226	13.903	13.897	13.908	HH	7515	45343	0.47%	0.032%
227	13.937	13.908	13.961	HH	7689	242615	2.54%	0.171%
228	13.974	13.961	13.979	HH	7640	82318	0.86%	0.058%
229	13.982	13.979	13.992	HH	7596	57320	0.60%	0.040%
230	14.018	13.992	14.034	HH	7733	194926	2.04%	0.138%
231	14.075	14.034	14.087	HH	8377	254201	2.66%	0.180%
232	14.112	14.087	14.198	HH	16388	673658	7.05%	0.476%
233	14.221	14.198	14.249	HH	8410	248579	2.60%	0.176%
234	14.276	14.249	14.304	HH	13598	338007	3.54%	0.239%
235	14.337	14.304	14.353	HH	11505	294177	3.08%	0.208%
236	14.378	14.353	14.451	HH	14247	652468	6.82%	0.461%
237	14.482	14.451	14.504	HH	9286	291660	3.05%	0.206%
238	14.537	14.504	14.575	HH	11210	429236	4.49%	0.303%
239	14.614	14.575	14.647	HH	378929	5522913	57.76%	3.900%
240	14.663	14.647	14.726	HH	16186	564641	5.91%	0.399%
241	14.821	14.726	14.853	HH	693494	9561659	100.00%	6.752%
242	14.867	14.853	14.949	HH	13772	615133	6.43%	0.434%
243	14.953	14.949	14.981	HH	9539	180047	1.88%	0.127%
244	14.984	14.981	14.988	HH	9424	38432	0.40%	0.027%
245	15.013	14.988	15.049	HH	10147	358677	3.75%	0.253%
246	15.062	15.049	15.094	HH	9774	259294	2.71%	0.183%

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247	15.127	15.094	15.139	HH	10425	271929	2.84%	0.192%
248	15.152	15.139	15.165	HH	10504	162722	1.70%	0.115%
249	15.199	15.165	15.283	HH	211181	3800083	39.74%	2.684%
250	15.294	15.283	15.306	HH	11834	157129	1.64%	0.111%
251	15.358	15.306	15.385	HH	115930	2061708	21.56%	1.456%
252	15.403	15.385	15.451	HH	27429	697105	7.29%	0.492%
253	15.473	15.451	15.501	HH	12466	361677	3.78%	0.255%
254	15.514	15.501	15.540	HH	11869	276475	2.89%	0.195%
255	15.555	15.540	15.579	HH	11400	262046	2.74%	0.185%
256	15.626	15.579	15.642	HH	12467	450229	4.71%	0.318%
257	15.657	15.642	15.675	HH	12150	237275	2.48%	0.168%
258	15.717	15.675	15.770	HH	17380	765907	8.01%	0.541%
259	15.840	15.770	15.887	HH	686131	9449991	98.83%	6.673%
260	15.904	15.887	15.949	HH	14162	489223	5.12%	0.345%
261	15.959	15.949	15.964	HH	12242	110874	1.16%	0.078%
262	15.975	15.964	15.989	HH	12296	185633	1.94%	0.131%
263	16.008	15.989	16.019	HH	12256	217074	2.27%	0.153%
264	16.046	16.019	16.052	HH	12467	238952	2.50%	0.169%
265	16.068	16.052	16.084	HH	12482	242695	2.54%	0.171%
266	16.090	16.084	16.098	HH	12556	105955	1.11%	0.075%
267	16.129	16.098	16.162	HH	14506	522961	5.47%	0.369%
268	16.212	16.162	16.256	HH	34630	1084921	11.35%	0.766%
269	16.284	16.256	16.296	HH	17373	376874	3.94%	0.266%
270	16.317	16.296	16.362	HH	26404	719503	7.52%	0.508%
271	16.392	16.362	16.452	HH	17093	804230	8.41%	0.568%
272	16.477	16.452	16.549	HH	20299	922270	9.65%	0.651%
273	16.561	16.549	16.565	HH	14175	135828	1.42%	0.096%
274	16.594	16.565	16.645	HH	18613	815536	8.53%	0.576%
275	16.667	16.645	16.678	HH	16451	320331	3.35%	0.226%
276	16.694	16.678	16.725	HH	16582	454237	4.75%	0.321%
277	16.789	16.725	16.816	HH	619058	9273098	96.98%	6.548%
278	16.833	16.816	16.841	HHA	37655	474987	4.97%	0.335%
					Sum of corrected areas: 141607512			

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