

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061025\
 Data File : FG016008.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jun 2025 14:07
 Sample : Q2147-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052225.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.950	1.906	2.070	BV	148179	2015212	60.41%	3.374%
2	2.073	2.070	2.135	VV	386	8402	0.25%	0.014%
3	2.139	2.135	2.148	VV	229	1375	0.04%	0.002%
4	2.164	2.148	2.207	VV	570	10865	0.33%	0.018%
5	2.232	2.207	2.297	VV	1455	23424	0.70%	0.039%
6	2.301	2.297	2.349	VV	173	2284	0.07%	0.004%
7	2.353	2.349	2.376	PV	98	778	0.02%	0.001%
8	2.381	2.376	2.403	VV	99	1009	0.03%	0.002%
9	2.412	2.403	2.436	VV	131	1314	0.04%	0.002%
10	2.439	2.436	2.456	VV	162	802	0.02%	0.001%
11	2.463	2.456	2.481	PV	155	1165	0.03%	0.002%
12	2.488	2.481	2.499	PV	143	815	0.02%	0.001%
13	2.506	2.499	2.510	VV	122	517	0.02%	0.001%
14	2.518	2.510	2.531	VV	135	915	0.03%	0.002%
15	2.535	2.531	2.539	VV	71	240	0.01%	0.000%
16	2.546	2.539	2.552	PV	146	520	0.02%	0.001%
17	2.555	2.552	2.590	VV	102	1505	0.05%	0.003%
18	2.602	2.590	2.619	VV	118	1190	0.04%	0.002%
19	2.625	2.619	2.649	VV	118	1352	0.04%	0.002%
20	2.653	2.649	2.672	VV	134	1078	0.03%	0.002%
21	2.685	2.672	2.693	VV	122	959	0.03%	0.002%
22	2.698	2.693	2.707	VV	132	785	0.02%	0.001%
23	2.711	2.707	2.716	VV	93	485	0.01%	0.001%
24	2.722	2.716	2.751	VV	159	2222	0.07%	0.004%
25	2.757	2.751	2.769	VV	149	1129	0.03%	0.002%
26	2.775	2.769	2.783	VV	118	823	0.02%	0.001%
27	2.793	2.783	2.822	VV	184	2269	0.07%	0.004%
28	2.829	2.822	2.833	VV	165	662	0.02%	0.001%
29	2.840	2.833	2.846	VV	149	759	0.02%	0.001%
30	2.850	2.846	2.858	VV	103	749	0.02%	0.001%
31	2.863	2.858	2.886	VV	108	1621	0.05%	0.003%
32	2.893	2.886	2.908	VV	119	1300	0.04%	0.002%
33	2.913	2.908	2.922	VV	154	977	0.03%	0.002%
34	2.929	2.922	2.953	VV	191	1790	0.05%	0.003%
35	2.957	2.953	2.965	PV	100	582	0.02%	0.001%
36	3.000	2.965	3.027	VV	207	4673	0.14%	0.008%

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37	3.038	3.027	3.053	VV	184	2114	0.06%	0.004%
38	3.061	3.053	3.068	VV	169	1197	0.04%	0.002%
39	3.078	3.068	3.102	VV	182	2382	0.07%	0.004%
40	3.105	3.102	3.121	VV	153	1149	0.03%	0.002%
41	3.125	3.121	3.160	VV	202	3409	0.10%	0.006%
42	3.181	3.160	3.207	VV	168	3662	0.11%	0.006%
43	3.211	3.207	3.228	VV	194	2001	0.06%	0.003%
44	3.232	3.228	3.240	VV	163	971	0.03%	0.002%
45	3.246	3.240	3.250	VV	186	700	0.02%	0.001%
46	3.266	3.250	3.275	VV	162	1658	0.05%	0.003%
47	3.279	3.275	3.295	VV	139	1355	0.04%	0.002%
48	3.300	3.295	3.327	VV	132	2227	0.07%	0.004%
49	3.332	3.327	3.343	VV	144	921	0.03%	0.002%
50	3.369	3.343	3.374	VV	154	2022	0.06%	0.003%
51	3.381	3.374	3.413	VV	260	3279	0.10%	0.005%
52	3.424	3.413	3.442	VV	143	1894	0.06%	0.003%
53	3.468	3.442	3.487	VV	198	3460	0.10%	0.006%
54	3.493	3.487	3.504	VV	165	1200	0.04%	0.002%
55	3.507	3.504	3.512	VV	129	467	0.01%	0.001%
56	3.519	3.512	3.528	VV	141	1066	0.03%	0.002%
57	3.541	3.528	3.570	VV	176	2923	0.09%	0.005%
58	3.575	3.570	3.582	VV	146	716	0.02%	0.001%
59	3.587	3.582	3.599	VV	123	1021	0.03%	0.002%
60	3.610	3.599	3.639	VV	124	2226	0.07%	0.004%
61	3.642	3.639	3.664	VV	117	1329	0.04%	0.002%
62	3.668	3.664	3.690	VV	149	1543	0.05%	0.003%
63	3.712	3.690	3.750	VV	175	3642	0.11%	0.006%
64	3.755	3.750	3.776	VV	134	1398	0.04%	0.002%
65	3.785	3.776	3.803	VV	134	1453	0.04%	0.002%
66	3.808	3.803	3.815	VV	96	528	0.02%	0.001%
67	3.838	3.815	3.849	VV	114	1543	0.05%	0.003%
68	3.854	3.849	3.860	VV	123	472	0.01%	0.001%
69	3.869	3.860	3.895	VV	126	1563	0.05%	0.003%
70	3.904	3.895	3.915	VV	79	777	0.02%	0.001%
71	3.919	3.915	3.924	VV	87	310	0.01%	0.001%
72	3.929	3.924	3.935	VV	79	372	0.01%	0.001%
73	3.950	3.935	3.979	VV	156	1603	0.05%	0.003%
74	3.987	3.979	4.010	VV	139	1366	0.04%	0.002%
75	4.021	4.010	4.035	VV	118	1361	0.04%	0.002%
76	4.042	4.035	4.065	VV	174	1701	0.05%	0.003%
77	4.076	4.065	4.092	VV	143	1566	0.05%	0.003%
78	4.101	4.092	4.112	VV	133	1178	0.04%	0.002%
79	4.117	4.112	4.127	VV	156	1057	0.03%	0.002%
80	4.131	4.127	4.145	VV	165	1464	0.04%	0.002%
81	4.148	4.145	4.191	VV	182	3880	0.12%	0.006%
82	4.205	4.191	4.221	VV	182	2954	0.09%	0.005%
83	4.226	4.221	4.234	VV	205	1478	0.04%	0.002%
84	4.242	4.234	4.250	VV	298	2074	0.06%	0.003%
85	4.256	4.250	4.290	VV	230	4046	0.12%	0.007%
86	4.300	4.290	4.314	VV	210	2254	0.07%	0.004%
87	4.317	4.314	4.348	VV	203	2880	0.09%	0.005%
88	4.355	4.348	4.364	VV	124	1060	0.03%	0.002%
89	4.377	4.364	4.385	VV	175	1550	0.05%	0.003%

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90	4.395	4.385	4.413	VV	160	1943	0.06%	0.003%
91	4.417	4.413	4.434	VV	218	1779	0.05%	0.003%
92	4.475	4.434	4.637	VV	211887	2450753	73.47%	4.104%
93	4.653	4.637	4.713	VV	756	26216	0.79%	0.044%
94	4.719	4.713	4.738	VV	458	6023	0.18%	0.010%
95	4.742	4.738	4.746	VV	411	1950	0.06%	0.003%
96	4.758	4.746	4.762	VV	436	3844	0.12%	0.006%
97	4.765	4.762	4.780	VV	466	4248	0.13%	0.007%
98	4.783	4.780	4.789	VV	447	1968	0.06%	0.003%
99	4.794	4.789	4.833	VV	421	8905	0.27%	0.015%
100	4.839	4.833	4.862	VV	352	5351	0.16%	0.009%
101	4.874	4.862	4.897	VV	337	5716	0.17%	0.010%
102	4.907	4.897	4.920	VV	301	3763	0.11%	0.006%
103	4.926	4.920	4.966	VV	313	7032	0.21%	0.012%
104	4.975	4.966	4.982	VV	366	2622	0.08%	0.004%
105	4.987	4.982	5.014	VV	320	4809	0.14%	0.008%
106	5.018	5.014	5.023	VV	242	1257	0.04%	0.002%
107	5.028	5.023	5.047	VV	230	2956	0.09%	0.005%
108	5.051	5.047	5.057	VV	284	1360	0.04%	0.002%
109	5.060	5.057	5.071	VV	291	2007	0.06%	0.003%
110	5.090	5.071	5.120	VV	254	5601	0.17%	0.009%
111	5.132	5.120	5.155	VV	242	4124	0.12%	0.007%
112	5.160	5.155	5.197	VV	212	3868	0.12%	0.006%
113	5.207	5.197	5.237	VV	189	3244	0.10%	0.005%
114	5.241	5.237	5.295	VV	242	4176	0.13%	0.007%
115	5.303	5.295	5.315	VV	154	1492	0.04%	0.002%
116	5.322	5.315	5.400	VV	118	5722	0.17%	0.010%
117	5.409	5.400	5.440	VV	121	1975	0.06%	0.003%
118	5.460	5.440	5.524	VV	248	7049	0.21%	0.012%
119	5.529	5.524	5.549	VV	126	1608	0.05%	0.003%
120	5.555	5.549	5.605	VV	137	3279	0.10%	0.005%
121	5.625	5.605	5.710	VV	218	6248	0.19%	0.010%
122	5.729	5.710	5.738	VV	159	1779	0.05%	0.003%
123	5.747	5.738	5.758	VV	142	1313	0.04%	0.002%
124	5.769	5.758	5.777	VV	135	962	0.03%	0.002%
125	5.786	5.777	5.802	VV	89	1101	0.03%	0.002%
126	5.809	5.802	5.842	VV	120	2410	0.07%	0.004%
127	5.910	5.842	5.947	VV	223	7215	0.22%	0.012%
128	5.953	5.947	5.971	VV	64	1274	0.04%	0.002%
129	5.999	5.971	6.071	VV	147	5412	0.16%	0.009%
130	6.088	6.071	6.155	VV	139	4311	0.13%	0.007%
131	6.189	6.155	6.211	VV	110	2643	0.08%	0.004%
132	6.252	6.211	6.328	VV	151	7281	0.22%	0.012%
133	6.372	6.328	6.421	VV	191	5154	0.15%	0.009%
134	6.454	6.421	6.482	VV	136	2418	0.07%	0.004%
135	6.548	6.482	6.605	VV	206	8601	0.26%	0.014%
136	6.658	6.605	6.931	VV	243747	2780816	83.36%	4.656%
137	6.944	6.931	7.165	VV	447	35885	1.08%	0.060%
138	7.190	7.165	7.211	VV	197	4946	0.15%	0.008%
139	7.259	7.211	7.288	VV	245	8997	0.27%	0.015%
140	7.301	7.288	7.319	VV	224	3542	0.11%	0.006%
141	7.341	7.319	7.357	VV	222	4447	0.13%	0.007%

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142	7.378	7.357	7.431	VV	277	10235	0.31%	0.017%
143	7.441	7.431	7.481	VV	290	5514	0.17%	0.009%
144	7.550	7.481	7.588	VV	204	9945	0.30%	0.017%
145	7.613	7.588	7.714	VV	534	14504	0.43%	0.024%
146	7.724	7.714	7.742	VV	113	1351	0.04%	0.002%
147	7.770	7.742	7.805	VV	105	2519	0.08%	0.004%
148	7.892	7.805	7.978	PV	657	12481	0.37%	0.021%
149	7.991	7.978	8.008	VV	38	551	0.02%	0.001%
150	8.064	8.008	8.120	VV	701	13616	0.41%	0.023%
151	8.139	8.120	8.156	VV	133	2212	0.07%	0.004%
152	8.186	8.156	8.218	VV	775	11151	0.33%	0.019%
153	8.242	8.218	8.301	VV	860	13426	0.40%	0.022%
154	8.348	8.301	8.369	VV	179	4085	0.12%	0.007%
155	8.401	8.369	8.429	VV	304	5973	0.18%	0.010%
156	8.494	8.429	8.811	VV	257059	2966766	88.94%	4.968%
157	8.854	8.811	8.901	VV	342	13563	0.41%	0.023%
158	8.926	8.901	8.975	VV	359	12018	0.36%	0.020%
159	9.034	8.975	9.120	VV	405	21260	0.64%	0.036%
160	9.149	9.120	9.169	VV	214	4261	0.13%	0.007%
161	9.227	9.169	9.294	VV	521	20196	0.61%	0.034%
162	9.328	9.294	9.478	VV	587	17181	0.52%	0.029%
163	9.514	9.478	9.595	VV	168	5160	0.15%	0.009%
164	9.632	9.595	9.675	PV	93	2228	0.07%	0.004%
165	9.743	9.675	9.821	VV	365	20029	0.60%	0.034%
166	9.842	9.821	9.865	VV	232	5473	0.16%	0.009%
167	9.885	9.865	9.914	VV	1200	14966	0.45%	0.025%
168	9.939	9.914	9.961	VV	478	6279	0.19%	0.011%
169	9.994	9.961	10.078	VV	15162	443062	13.28%	0.742%
170	10.108	10.078	10.408	VV	267414	3284522	98.46%	5.500%
171	10.459	10.408	10.519	VV	860	31740	0.95%	0.053%
172	10.538	10.519	10.562	VV	315	7388	0.22%	0.012%
173	10.587	10.562	10.650	VV	321	11130	0.33%	0.019%
174	10.665	10.650	10.702	VV	215	4547	0.14%	0.008%
175	10.736	10.702	10.751	VV	209	3999	0.12%	0.007%
176	10.774	10.751	10.794	VV	222	4728	0.14%	0.008%
177	10.850	10.794	10.889	VV	602	20128	0.60%	0.034%
178	10.919	10.889	10.940	VV	342	9113	0.27%	0.015%
179	10.960	10.940	11.021	VV	330	9998	0.30%	0.017%
180	11.073	11.021	11.106	VV	678	11880	0.36%	0.020%
181	11.150	11.106	11.343	VV	1525	98390	2.95%	0.165%
182	11.366	11.343	11.401	VV	265	6815	0.20%	0.011%
183	11.414	11.401	11.455	VV	170	3502	0.10%	0.006%
184	11.489	11.455	11.511	PV	272	4737	0.14%	0.008%
185	11.556	11.511	11.727	VV	268699	3328407	99.78%	5.573%
186	11.749	11.727	11.779	VV	694	12000	0.36%	0.020%
187	11.799	11.779	11.822	VV	286	4345	0.13%	0.007%
188	11.872	11.822	11.922	VV	365	11152	0.33%	0.019%
189	11.991	11.922	12.018	VV	1091	32779	0.98%	0.055%
190	12.039	12.018	12.201	VV	1340	46592	1.40%	0.078%
191	12.226	12.201	12.257	PV	530	8103	0.24%	0.014%
192	12.280	12.257	12.305	VV	182	2970	0.09%	0.005%
193	12.326	12.305	12.358	VV	339	5514	0.17%	0.009%
194	12.388	12.358	12.414	VV	823	11701	0.35%	0.020%

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195	12.440	12.414	12.461	VV	492	8810	0.26%	0.015%
196	12.487	12.461	12.619	VV	11626	193736	5.81%	0.324%
197	12.640	12.619	12.668	VV	409	9386	0.28%	0.016%
198	12.690	12.668	12.738	VV	405	9546	0.29%	0.016%
199	12.791	12.738	12.811	VV	411	11070	0.33%	0.019%
200	12.870	12.811	12.921	VV	270338	3262419	97.80%	5.463%
201	12.952	12.921	13.065	VV	7482	186970	5.60%	0.313%
202	13.084	13.065	13.181	VV	529	21511	0.64%	0.036%
203	13.202	13.181	13.225	VV	1166	15228	0.46%	0.025%
204	13.251	13.225	13.355	VV	5218	170828	5.12%	0.286%
205	13.367	13.355	13.388	VV	656	11101	0.33%	0.019%
206	13.409	13.388	13.455	VV	1665	30396	0.91%	0.051%
207	13.483	13.455	13.506	VV	1451	22718	0.68%	0.038%
208	13.532	13.506	13.601	VV	923	37624	1.13%	0.063%
209	13.611	13.601	13.645	VV	603	10108	0.30%	0.017%
210	13.668	13.645	13.705	VV	493	14048	0.42%	0.024%
211	13.727	13.705	13.798	VV	527	15549	0.47%	0.026%
212	13.911	13.798	13.958	PV	1136	39991	1.20%	0.067%
213	14.072	13.958	14.256	VV	265639	3282775	98.41%	5.497%
214	14.289	14.256	14.358	VV	346	8820	0.26%	0.015%
215	14.375	14.358	14.405	VV	107	2031	0.06%	0.003%
216	14.478	14.405	14.530	PV	1879	49986	1.50%	0.084%
217	14.587	14.530	14.607	VV	770	22398	0.67%	0.038%
218	14.635	14.607	14.661	VV	3395	48316	1.45%	0.081%
219	14.684	14.661	14.714	VV	774	21884	0.66%	0.037%
220	14.736	14.714	14.772	VV	676	14913	0.45%	0.025%
221	14.840	14.772	14.935	VV	857	46886	1.41%	0.079%
222	14.974	14.935	15.098	VV	87786	1254272	37.60%	2.100%
223	15.179	15.098	15.286	PV	250510	3335819	100.00%	5.586%
224	15.302	15.286	15.343	VV	722	16436	0.49%	0.028%
225	15.371	15.343	15.408	VV	658	11929	0.36%	0.020%
226	15.434	15.408	15.458	VV	58	1744	0.05%	0.003%
227	15.565	15.458	15.670	PV	31082	661604	19.83%	1.108%
228	15.700	15.670	15.738	VV	3560	62585	1.88%	0.105%
229	15.764	15.738	15.802	VV	4738	69035	2.07%	0.116%
230	15.833	15.802	15.865	VV	682	15189	0.46%	0.025%
231	15.884	15.865	15.901	VV	301	5746	0.17%	0.010%
232	16.005	15.901	16.048	VV	447	25636	0.77%	0.043%
233	16.090	16.048	16.138	VV	1820	44255	1.33%	0.074%
234	16.203	16.138	16.245	VV	234034	3108963	93.20%	5.206%
235	16.266	16.245	16.301	VV	1835	26628	0.80%	0.045%
236	16.326	16.301	16.358	VV	234	5217	0.16%	0.009%
237	16.436	16.358	16.461	PV	234	8852	0.27%	0.015%
238	16.494	16.461	16.521	PV	594	11810	0.35%	0.020%
239	16.583	16.521	16.665	VV	16373	385774	11.56%	0.646%
240	16.685	16.665	16.704	VV	4076	60577	1.82%	0.101%
241	16.755	16.704	16.825	VV	5698	179474	5.38%	0.301%
242	16.854	16.825	16.944	VV	665	26540	0.80%	0.044%
243	17.053	16.944	17.091	PV	2774	100166	3.00%	0.168%
244	17.155	17.091	17.208	VV	223757	3145829	94.30%	5.267%
245	17.232	17.208	17.300	VV	3347	64706	1.94%	0.108%
246	17.387	17.300	17.425	PV	520	18992	0.57%	0.032%

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247	17.530	17.425	17.578	VV	7787	186263	5.58%	0.312%
248	17.604	17.578	17.648	VV	7268	120015	3.60%	0.201%
249	17.701	17.648	17.748	VV	1697	58961	1.77%	0.099%
250	17.771	17.748	17.795	VV	527	9883	0.30%	0.017%
251	17.824	17.795	17.848	VV	391	6995	0.21%	0.012%
252	17.936	17.848	17.951	PV	544	14833	0.44%	0.025%
253	18.044	17.951	18.098	VV	218110	3015215	90.39%	5.049%
254	18.133	18.098	18.161	VV	4451	76984	2.31%	0.129%
255	18.178	18.161	18.198	VV	823	14359	0.43%	0.024%
256	18.268	18.198	18.298	VV	2072	43849	1.31%	0.073%
257	18.412	18.298	18.445	PV	19146	428150	12.83%	0.717%
258	18.467	18.445	18.498	VV	10927	190692	5.72%	0.319%
259	18.518	18.498	18.599	VV	2298	95482	2.86%	0.160%
260	18.755	18.599	18.797	PV	1663	42533	1.28%	0.071%
261	18.878	18.797	18.921	PV	184094	2583881	77.46%	4.327%
262	18.977	18.921	19.003	VV	4330	97483	2.92%	0.163%
263	19.022	19.003	19.092	VV	1905	50373	1.51%	0.084%
264	19.149	19.092	19.172	PV	1620	30105	0.90%	0.050%
265	19.241	19.172	19.322	VV	13661	498630	14.95%	0.835%
266	19.350	19.322	19.371	VV	2446	59916	1.80%	0.100%
267	19.398	19.371	19.448	VV	2181	80177	2.40%	0.134%
268	19.513	19.448	19.545	VV	3117	106931	3.21%	0.179%
269	19.567	19.545	19.610	VV	2340	49728	1.49%	0.083%
270	19.663	19.610	19.704	VV	114994	1670008	50.06%	2.796%
271	19.727	19.704	19.748	VV	2428	46347	1.39%	0.078%
272	19.773	19.748	19.815	VV	3787	108979	3.27%	0.182%
273	19.838	19.815	19.868	VV	2975	74279	2.23%	0.124%
274	19.943	19.868	19.968	VV	4233	176186	5.28%	0.295%
275	20.003	19.968	20.135	VV	24531	820757	24.60%	1.374%
276	20.279	20.135	20.301	VV	7642	601911	18.04%	1.008%
277	20.332	20.301	20.355	VV	8787	247937	7.43%	0.415%
278	20.403	20.355	20.448	VV	85322	1568664	47.02%	2.627%
279	20.558	20.448	20.601	VV	12093	881287	26.42%	1.476%
280	20.758	20.601	20.866	VV	13524	1712049	51.32%	2.867%
281	20.885	20.866	20.909	VV	10129	259372	7.78%	0.434%
282	20.934	20.909	20.968	VV	9755	338040	10.13%	0.566%
283	21.048	20.968	21.079	VV	9330	605209	18.14%	1.013%
284	21.140	21.079	21.215	VV	65796	1691312	50.70%	2.832%
285	21.237	21.215	21.285	VV	7469	300531	9.01%	0.503%
286	21.342	21.285	21.365	VV	6892	325773	9.77%	0.545%
287	21.420	21.365	21.525	VV	6479	549510	16.47%	0.920%
288	21.565	21.525	21.615	VV	4445	223030	6.69%	0.373%
289	21.695	21.615	21.718	VV	3315	202956	6.08%	0.340%
290	21.741	21.718	21.827	VV	3017	168289	5.04%	0.282%
291	21.887	21.827	21.988	VV	1608	115750	3.47%	0.194%
292	22.048	21.988	22.071	PBA	31596	646934	19.39%	1.083%
					Sum of corrected areas:	59721916		

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