

rtres

Instrument :

FID_F

ClientSampleId :

TP-89

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/17/2025

Supervised By :mohammad ahmed 07/18/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF07162
Data File : FF016169.D
Signal(s) : FID2B.ch
Acq On : 16 Jul 2025 16:17
Sample : Q2529-08
Misc :
ALS Vial : 75 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.190	4.181	4.195	HH	508	3635	0.31%	0.020%
2	4.212	4.195	4.266	HH	1165	29527	2.55%	0.163%
3	4.269	4.266	4.273	HH	548	2141	0.19%	0.012%
4	4.276	4.273	4.316	HH	553	11795	1.02%	0.065%
5	4.329	4.316	4.351	HH	524	10166	0.88%	0.056%
6	4.369	4.351	4.394	HH	550	11845	1.02%	0.065%
7	4.412	4.394	4.425	HH	518	7996	0.69%	0.044%
8	4.429	4.425	4.435	HH	441	2380	0.21%	0.013%
9	4.440	4.435	4.461	HH	424	6000	0.52%	0.033%
10	4.467	4.461	4.484	HH	386	4913	0.42%	0.027%
11	4.490	4.484	4.508	HH	394	5216	0.45%	0.029%
12	4.525	4.508	4.537	HH	574	8006	0.69%	0.044%
13	4.543	4.537	4.546	HH	433	1965	0.17%	0.011%
14	4.557	4.546	4.587	HH	564	10998	0.95%	0.061%
15	4.592	4.587	4.596	HH	374	1991	0.17%	0.011%
16	4.613	4.596	4.651	HH	623	14799	1.28%	0.082%
17	4.655	4.651	4.676	HH	420	5429	0.47%	0.030%
18	4.685	4.676	4.718	HH	404	8213	0.71%	0.045%
19	4.726	4.718	4.730	HH	366	2152	0.19%	0.012%
20	4.736	4.730	4.761	HH	385	5991	0.52%	0.033%
21	4.773	4.761	4.817	HH	813	16007	1.38%	0.088%
22	4.831	4.817	4.835	HH	341	3381	0.29%	0.019%
23	4.844	4.835	4.849	HH	406	3006	0.26%	0.017%
24	4.856	4.849	4.876	HH	419	5916	0.51%	0.033%
25	4.896	4.876	4.907	HH	471	7818	0.68%	0.043%
26	4.921	4.907	4.941	HH	503	8029	0.69%	0.044%
27	4.959	4.941	4.994	HH	333	8572	0.74%	0.047%
28	5.052	4.994	5.121	HH	351	17493	1.51%	0.096%
29	5.142	5.121	5.197	HH	245	9101	0.79%	0.050%
30	5.202	5.197	5.221	HH	202	2579	0.22%	0.014%
31	5.267	5.221	5.297	HH	409	11263	0.97%	0.062%
32	5.332	5.297	5.360	HH	319	9097	0.79%	0.050%
33	5.411	5.360	5.477	HH	311	13576	1.17%	0.075%
34	5.554	5.477	5.581	HH	700	14519	1.26%	0.080%
35	5.591	5.581	5.603	HH	205	2171	0.19%	0.012%
36	5.615	5.603	5.629	HH	237	2420	0.21%	0.013%

					retention			
37	5.637	5.629	5.672	HH	194	3636	0.31%	0.020%
38	5.783	5.672	5.814	HH	2636	35729		
39	5.828	5.814	5.910	HH	411	10853		
40	5.944	5.910	5.974	HH	172	4366		
41	5.985	5.974	5.995	HH	197	1476		
42	6.015	5.995	6.047	HH	190	3932		
43	6.064	6.047	6.087	HH	223	2929	0.25%	0.016%
44	6.120	6.087	6.142	PH	196	3051	0.26%	0.017%
45	6.182	6.142	6.192	PH	113	1422	0.12%	0.008%
46	6.215	6.192	6.252	PH	134	2247	0.19%	0.012%
47	6.287	6.252	6.305	PH	374	5230	0.45%	0.029%
48	6.341	6.305	6.384	HH	383	12355	1.07%	0.068%
49	6.397	6.384	6.424	HH	402	6155	0.53%	0.034%
50	6.435	6.424	6.454	HH	175	2432	0.21%	0.013%
51	6.474	6.454	6.483	HH	186	2590	0.22%	0.014%
52	6.504	6.483	6.537	HH	299	5858	0.51%	0.032%
53	6.574	6.537	6.587	HH	189	3484	0.30%	0.019%
54	6.624	6.587	6.664	HH	850	13398	1.16%	0.074%
55	6.675	6.664	6.691	HH	153	2021	0.17%	0.011%
56	6.705	6.691	6.750	HH	205	5513	0.48%	0.030%
57	6.784	6.750	6.836	HH	255	6780	0.59%	0.037%
58	6.861	6.836	6.935	HH	1718	22760	1.97%	0.125%
59	6.947	6.935	6.966	HH	135	1138	0.10%	0.006%
60	6.978	6.966	7.012	PH	85	1062	0.09%	0.006%
61	7.019	7.012	7.042	PH	77	307	0.03%	0.002%
62	7.287	7.262	7.312	PH	352	5530	0.48%	0.030%
63	7.322	7.312	7.402	HH	236	4032	0.35%	0.022%
64	7.454	7.402	7.501	PH	394	4272	0.37%	0.024%
65	7.739	7.706	7.786	PH	243	2579	0.22%	0.014%
66	8.027	7.992	8.063	PH	368	1996	0.17%	0.011%
67	8.197	8.179	8.214	HH	598	6458	0.56%	0.036%
68	8.225	8.214	8.295	HH	145	-91	-0.01%	-0.000%
69	8.442	8.409	8.477	PH	187	826	0.07%	0.005%
70	8.517	8.477	8.532	PH	223	2626	0.23%	0.014%
71	8.550	8.532	8.563	HH	244	3384	0.29%	0.019%
72	8.621	8.563	8.669	HH	1539	32895	2.84%	0.181%
73	8.677	8.669	8.704	HH	180	2728	0.24%	0.015%
74	8.711	8.704	8.772	PH	133	2937	0.25%	0.016%
75	8.787	8.772	8.802	HH	209	1950	0.17%	0.011%
76	8.811	8.802	8.826	PH	116	643	0.06%	0.004%
77	8.849	8.826	8.876	PH	245	2367	0.20%	0.013%
78	8.950	8.928	8.959	PH	120	813	0.07%	0.004%
79	8.985	8.959	9.009	PH	231	4649	0.40%	0.026%
80	9.053	9.009	9.064	HH	263	6619	0.57%	0.036%
81	9.092	9.064	9.139	HH	562	16748	1.45%	0.092%
82	9.162	9.139	9.188	HH	977	14169	1.23%	0.078%
83	9.226	9.188	9.256	PH	310	8383	0.72%	0.046%
84	9.273	9.256	9.289	HH	336	4861	0.42%	0.027%
85	9.308	9.289	9.322	HH	309	4987	0.43%	0.027%
86	9.348	9.322	9.379	HH	1226	24668	2.13%	0.136%
87	9.393	9.379	9.412	HH	828	10498	0.91%	0.058%
88	9.449	9.412	9.474	HH	2989	40308	3.49%	0.222%
89	9.485	9.474	9.519	HH	496	9139	0.79%	0.050%

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90	9.541	9.519	9.552	HH	278	4876	0.42%	0.027%
91	9.555	9.552	9.569	HH	517	1951		
92	9.597	9.569	9.616	HH	324	6969		
93	9.634	9.616	9.650	HH	414	6328		
94	9.658	9.650	9.672	HH	247	3024		
95	9.686	9.672	9.704	HH	328	4782		
96	9.738	9.704	9.760	HH	510	9614	0.83%	0.053%
97	9.785	9.760	9.804	HH	608	10532	0.91%	0.058%
98	9.828	9.804	9.861	HH	1042	22029	1.90%	0.121%
99	9.870	9.861	9.882	HH	461	5376	0.46%	0.030%
100	9.906	9.882	9.936	HH	790	17592	1.52%	0.097%
101	9.958	9.936	9.974	HH	586	10700	0.93%	0.059%
102	9.987	9.974	9.996	HH	614	6693	0.58%	0.037%
103	10.010	9.996	10.037	HH	684	11648	1.01%	0.064%
104	10.065	10.037	10.074	HH	690	10334	0.89%	0.057%
105	10.099	10.074	10.139	HH	71644	762755	65.96%	4.205%
106	10.147	10.139	10.177	HH	806	15810	1.37%	0.087%
107	10.186	10.177	10.209	HH	654	11823	1.02%	0.065%
108	10.232	10.209	10.284	HH	5058	71089	6.15%	0.392%
109	10.296	10.284	10.304	HH	413	4741	0.41%	0.026%
110	10.337	10.304	10.380	HH	638	19427	1.68%	0.107%
111	10.408	10.380	10.436	HH	511	13617	1.18%	0.075%
112	10.454	10.436	10.487	HH	405	12134	1.05%	0.067%
113	10.509	10.487	10.526	HH	479	9714	0.84%	0.054%
114	10.574	10.526	10.597	HH	3705	54104	4.68%	0.298%
115	10.622	10.597	10.649	HH	2459	42582	3.68%	0.235%
116	10.675	10.649	10.694	HH	966	20170	1.74%	0.111%
117	10.710	10.694	10.735	HH	1031	18388	1.59%	0.101%
118	10.765	10.735	10.804	HH	908	28170	2.44%	0.155%
119	10.878	10.804	10.911	HH	883	42712	3.69%	0.235%
120	10.926	10.911	10.938	HH	916	12851	1.11%	0.071%
121	10.973	10.938	11.012	HH	6195	95386	8.25%	0.526%
122	11.045	11.012	11.146	HH	4288	112502	9.73%	0.620%
123	11.193	11.146	11.207	HH	833	26223	2.27%	0.145%
124	11.228	11.207	11.242	HH	986	17096	1.48%	0.094%
125	11.260	11.242	11.279	HH	1318	23212	2.01%	0.128%
126	11.304	11.279	11.332	HH	1305	35899	3.10%	0.198%
127	11.367	11.332	11.411	HH	1456	49278	4.26%	0.272%
128	11.428	11.411	11.469	HH	1223	31786	2.75%	0.175%
129	11.482	11.469	11.512	HH	1085	22819	1.97%	0.126%
130	11.535	11.512	11.562	HH	935	24139	2.09%	0.133%
131	11.615	11.562	11.627	HH	1009	35227	3.05%	0.194%
132	11.677	11.627	11.736	HH	6396	130170	11.26%	0.718%
133	11.768	11.736	11.819	HH	3212	80115	6.93%	0.442%
134	11.838	11.819	11.856	HH	1001	20988	1.81%	0.116%
135	11.875	11.856	11.902	HH	1130	26355	2.28%	0.145%
136	11.919	11.902	11.932	HH	948	16123	1.39%	0.089%
137	11.972	11.932	12.017	HH	1664	69869	6.04%	0.385%
138	12.033	12.017	12.051	HH	1310	24221	2.09%	0.134%
139	12.108	12.051	12.142	HH	1754	80358	6.95%	0.443%
140	12.163	12.142	12.212	HH	2150	56368	4.87%	0.311%
141	12.232	12.212	12.254	HH	1151	26697	2.31%	0.147%

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142	12.284	12.254	12.306	HH	1248	36053	3.12%	0.199%
143	12.349	12.306	12.378	HH	6382	121000	10.00%	0.199%
144	12.395	12.378	12.422	HH	1475	36431	3.12%	0.199%
145	12.440	12.422	12.534	HH	1696	91144	3.12%	0.199%
146	12.559	12.534	12.574	HH	1366	29988	2.97%	0.253%
147	12.599	12.574	12.669	HH	54894	745173	64.00%	0.253%
148	12.681	12.669	12.701	HH	2641	45940	3.97%	0.253%
149	12.713	12.701	12.752	HH	2396	66940	5.79%	0.369%
150	12.763	12.752	12.798	HH	2116	48934	4.23%	0.270%
151	12.817	12.798	12.864	HH	1812	63570	5.50%	0.350%
152	12.871	12.864	12.894	HH	1533	26522	2.29%	0.146%
153	12.927	12.894	12.962	HH	2028	69739	6.03%	0.384%
154	12.992	12.962	13.039	HH	6057	126006	10.90%	0.695%
155	13.073	13.039	13.097	HH	3042	78387	6.78%	0.432%
156	13.110	13.097	13.177	HH	1619	70310	6.08%	0.388%
157	13.203	13.177	13.224	HH	1495	40100	3.47%	0.221%
158	13.249	13.224	13.281	HH	1775	55898	4.83%	0.308%
159	13.284	13.281	13.297	HH	1638	15899	1.37%	0.088%
160	13.315	13.297	13.337	HH	1620	37271	3.22%	0.205%
161	13.351	13.337	13.369	HH	1877	32794	2.84%	0.181%
162	13.397	13.369	13.426	HH	2471	70280	6.08%	0.387%
163	13.439	13.426	13.464	HH	1840	38329	3.31%	0.211%
164	13.486	13.464	13.532	HH	1807	67626	5.85%	0.373%
165	13.550	13.532	13.574	HH	1701	39514	3.42%	0.218%
166	13.606	13.574	13.635	HH	5092	100833	8.72%	0.556%
167	13.660	13.635	13.669	HH	1878	36734	3.18%	0.203%
168	13.680	13.669	13.697	HH	1828	30485	2.64%	0.168%
169	13.719	13.697	13.763	HH	1967	72176	6.24%	0.398%
170	13.791	13.763	13.812	HH	1773	50241	4.34%	0.277%
171	13.842	13.812	13.964	HH	4363	205615	17.78%	1.133%
172	13.988	13.964	14.021	HH	1804	59142	5.11%	0.326%
173	14.045	14.021	14.082	HH	1887	64137	5.55%	0.354%
174	14.086	14.082	14.093	HH	1634	10535	0.91%	0.058%
175	14.113	14.093	14.124	HH	1719	30234	2.61%	0.167%
176	14.144	14.124	14.166	HH	2837	54642	4.73%	0.301%
177	14.193	14.166	14.239	HH	4609	109322	9.45%	0.603%
178	14.251	14.239	14.268	HH	1770	29644	2.56%	0.163%
179	14.287	14.268	14.302	HH	1701	33814	2.92%	0.186%
180	14.307	14.302	14.328	HH	1692	24454	2.11%	0.135%
181	14.348	14.328	14.366	HH	1675	36589	3.16%	0.202%
182	14.424	14.366	14.477	HH	1876	114173	9.87%	0.629%
183	14.490	14.477	14.497	HH	1792	20635	1.78%	0.114%
184	14.524	14.497	14.537	HH	1912	43287	3.74%	0.239%
185	14.556	14.537	14.563	HH	2140	31280	2.70%	0.172%
186	14.589	14.563	14.657	HH	3341	131839	11.40%	0.727%
187	14.688	14.657	14.700	HH	1980	50204	4.34%	0.277%
188	14.712	14.700	14.729	HH	2024	34555	2.99%	0.190%
189	14.758	14.729	14.783	HH	3933	88221	7.63%	0.486%
190	14.827	14.783	14.842	HH	2602	80394	6.95%	0.443%
191	14.857	14.842	14.877	HH	2426	50800	4.39%	0.280%
192	14.884	14.877	14.901	HH	2350	32495	2.81%	0.179%
193	14.912	14.901	14.944	HH	2419	59136	5.11%	0.326%
194	14.974	14.944	15.006	HH	2614	88450	7.65%	0.488%

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195	15.096	15.006	15.136	HH	73666	1156381	100.00%	6.375%
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196	15.149	15.136	15.181	HH	3309	81542		
197	15.185	15.181	15.216	HH	2816	57370		
198	15.262	15.216	15.279	HH	3597	120278	100.00%	6.375%
199	15.298	15.279	15.324	HH	4903	105842		
200	15.345	15.324	15.382	HH	3781	114516		

201	15.405	15.382	15.431	HH	3202	92114	7.97%	0.508%
202	15.494	15.431	15.522	HH	3443	178398	15.43%	0.983%
203	15.554	15.522	15.574	HH	3441	101524	8.78%	0.560%
204	15.584	15.574	15.603	HH	3323	59492	5.14%	0.328%
205	15.683	15.603	15.761	HH	34776	865297	74.83%	4.770%

206	15.777	15.761	15.794	HH	3843	75341	6.52%	0.415%
207	15.821	15.794	15.855	HH	6019	169142	14.63%	0.932%
208	15.896	15.855	15.932	HH	9888	263125	22.75%	1.451%
209	15.950	15.932	15.980	HH	4392	122292	10.58%	0.674%
210	16.009	15.980	16.017	HH	4350	95283	8.24%	0.525%

211	16.141	16.017	16.166	HH	5020	416177	35.99%	2.294%
212	16.204	16.166	16.231	HH	6253	217319	18.79%	1.198%
213	16.324	16.231	16.356	HH	8191	462832	40.02%	2.551%
214	16.392	16.356	16.411	HH	6492	211658	18.30%	1.167%
215	16.458	16.411	16.472	HH	6786	239860	20.74%	1.322%

216	16.523	16.472	16.550	HH	7233	329084	28.46%	1.814%
217	16.703	16.550	16.739	HH	12018	949853	82.14%	5.236%
218	16.771	16.739	16.788	HH	9664	263725	22.81%	1.454%
219	16.808	16.788	16.842	HH	11031	317052	27.42%	1.748%
220	16.886	16.842	16.922	HH	10451	451407	39.04%	2.488%

221	16.941	16.922	16.952	HH	9490	164141	14.19%	0.905%
222	17.014	16.952	17.027	HH	10042	441987	38.22%	2.437%
223	17.076	17.027	17.109	HH	11159	523917	45.31%	2.888%
224	17.118	17.109	17.132	HH	11037	148331	12.83%	0.818%
225	17.189	17.132	17.212	HH	11558	547075	47.31%	3.016%

226	17.277	17.212	17.303	HH	15437	689311	59.61%	3.800%
227	17.324	17.303	17.342	HH	13602	303949	26.28%	1.676%
228	17.352	17.342	17.386	HH	12912	332500	28.75%	1.833%
229	17.434	17.386	17.448	HH	12814	472908	40.90%	2.607%
230	17.467	17.448	17.477	HH	12842	221884	19.19%	1.223%

Sum of corrected areas: 18139988

FF071025.M Thu Jul 17 05:07:51 2025