

rteres

Instrument :

FID_D

ClientSampleId :

LAW-25-0084DL

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/16/2025

Supervised By :mohammad ahmed 06/16/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD06132
Data File : FD049486.D
Signal(s) : FID2B.ch
Acq On : 13 Jun 2025 11:07
Sample : Q2286-03DL 20X
Misc :
ALS Vial : 65 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052425.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	6.016	6.001	6.034	VV	314	4722	0.05%	0.001%
2	6.069	6.034	6.089	VV	4681	49306	0.51%	0.015%
3	6.116	6.089	6.137	VV	423	8853	0.09%	0.003%
4	6.154	6.137	6.164	VV	442	4531	0.05%	0.001%
5	6.173	6.164	6.194	VV	289	4332	0.04%	0.001%
6	6.215	6.194	6.230	VV	469	5708	0.06%	0.002%
7	6.249	6.230	6.272	VV	393	7871	0.08%	0.002%
8	6.279	6.272	6.312	VV	467	8399	0.09%	0.003%
9	6.348	6.312	6.373	VV	737	17121	0.18%	0.005%
10	6.387	6.373	6.412	VV	536	9482	0.10%	0.003%
11	6.435	6.412	6.467	VV	653	11870	0.12%	0.004%
12	6.497	6.467	6.538	VV	2069	28406	0.29%	0.009%
13	6.548	6.538	6.562	VV	295	2939	0.03%	0.001%
14	6.595	6.562	6.622	VV	603	10042	0.10%	0.003%
15	6.642	6.622	6.684	VV	443	12069	0.12%	0.004%
16	6.699	6.684	6.735	VV	397	6812	0.07%	0.002%
17	6.777	6.752	6.791	VV	294	4603	0.05%	0.001%
18	6.824	6.791	6.854	VV	563	10621	0.11%	0.003%
19	6.900	6.854	6.927	VV	1193	22589	0.23%	0.007%
20	6.940	6.927	6.955	VV	530	6706	0.07%	0.002%
21	6.965	6.955	6.980	VV	523	5599	0.06%	0.002%
22	7.025	6.980	7.042	VV	1139	25808	0.27%	0.008%
23	7.058	7.042	7.080	VV	755	13574	0.14%	0.004%
24	7.123	7.080	7.159	VV	6698	89227	0.92%	0.028%
25	7.172	7.159	7.182	VV	695	8132	0.08%	0.003%
26	7.204	7.182	7.239	VV	4110	58733	0.60%	0.018%
27	7.257	7.239	7.284	VV	3908	50286	0.52%	0.016%
28	7.297	7.284	7.314	VV	882	13922	0.14%	0.004%
29	7.326	7.314	7.352	VV	1110	17138	0.18%	0.005%
30	7.404	7.352	7.425	VV	5370	85030	0.87%	0.027%
31	7.433	7.425	7.447	VV	1845	19737	0.20%	0.006%
32	7.464	7.447	7.489	VV	2136	38125	0.39%	0.012%
33	7.505	7.489	7.525	VV	1450	27492	0.28%	0.009%
34	7.548	7.525	7.559	VV	1185	18977	0.20%	0.006%
35	7.612	7.559	7.633	VV	4742	111533	1.15%	0.035%
36	7.647	7.633	7.666	VV	1901	30520	0.31%	0.010%

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37	7.731	7.666	7.800	VV	45374	564961	5.81%	0.177%
38	7.845	7.800	7.870	VV	4598	113374		
39	7.895	7.870	7.919	VV	3464	83412		
40	7.931	7.919	7.954	VV	3753	61639		
41	8.004	7.954	8.019	VV	7427	178759		
42	8.028	8.019	8.064	VV	6370	134140		
43	8.109	8.064	8.152	VV	14530	411527	4.23%	0.129%
44	8.180	8.152	8.200	VV	144659	1502553	15.46%	0.471%
45	8.215	8.200	8.230	VV	25032	291782	3.00%	0.092%
46	8.243	8.230	8.261	VV	19502	236641	2.43%	0.074%
47	8.281	8.261	8.317	VV	13501	294956	3.03%	0.093%
48	8.330	8.317	8.343	VV	8466	119637	1.23%	0.038%
49	8.375	8.343	8.410	VV	18446	518768	5.34%	0.163%
50	8.424	8.410	8.436	VV	11100	141574	1.46%	0.044%
51	8.455	8.436	8.495	VV	24093	505625	5.20%	0.159%
52	8.512	8.495	8.550	VV	20709	442945	4.56%	0.139%
53	8.595	8.550	8.624	VV	37500	694113	7.14%	0.218%
54	8.649	8.624	8.665	VV	16778	286953	2.95%	0.090%
55	8.713	8.665	8.731	VV	42245	881313	9.07%	0.276%
56	8.751	8.731	8.777	VV	82628	1082286	11.13%	0.339%
57	8.813	8.777	8.837	VV	26003	685976	7.06%	0.215%
58	8.857	8.837	8.875	VV	23477	406510	4.18%	0.128%
59	8.905	8.875	8.915	VV	19417	432175	4.45%	0.136%
60	8.936	8.915	8.955	VV	32962	606086	6.23%	0.190%
61	8.968	8.955	8.990	VV	25450	458228	4.71%	0.144%
62	9.006	8.990	9.019	VV	22129	337603	3.47%	0.106%
63	9.034	9.019	9.045	VV	23586	327306	3.37%	0.103%
64	9.079	9.045	9.091	VV	43950	827030	8.51%	0.259%
65	9.102	9.091	9.120	VV	40770	552783	5.69%	0.173%
66	9.144	9.120	9.167	VV	46568	933204	9.60%	0.293%
67	9.179	9.167	9.212	VV	31826	688468	7.08%	0.216%
68	9.258	9.212	9.277	VV	48135	1261267	12.97%	0.396%
69	9.287	9.277	9.304	VV	39553	527200	5.42%	0.165%
70	9.314	9.304	9.323	VV	25957	285897	2.94%	0.090%
71	9.338	9.323	9.351	VV	30824	458320	4.71%	0.144%
72	9.394	9.351	9.455	VV	64095	2553149	26.26%	0.801%
73	9.476	9.455	9.489	VV	41681	689779	7.10%	0.216%
74	9.504	9.489	9.529	VV	52146	952616	9.80%	0.299%
75	9.557	9.529	9.609	VV	130306	2838319	29.20%	0.890%
76	9.630	9.609	9.639	VV	39128	627656	6.46%	0.197%
77	9.678	9.639	9.695	VV	51798	1481176	15.24%	0.465%
78	9.716	9.695	9.748	VV	44387	1298882	13.36%	0.407%
79	9.765	9.748	9.779	VV	42093	735589	7.57%	0.231%
80	9.819	9.779	9.870	VV	121858	3472464	35.72%	1.089%
81	9.900	9.870	9.949	VV	59963	2374925	24.43%	0.745%
82	9.966	9.949	9.974	VV	53159	748005	7.69%	0.235%
83	9.992	9.974	10.026	VV	60552	1610982	16.57%	0.505%
84	10.058	10.026	10.092	VV	68629	2244424	23.09%	0.704%
85	10.132	10.092	10.144	VV	55368	1643474	16.91%	0.516%
86	10.161	10.144	10.173	VV	60761	971770	10.00%	0.305%
87	10.217	10.173	10.244	VV	87794	2867166	29.49%	0.899%
88	10.266	10.244	10.291	VV	113864	2498187	25.70%	0.784%
89	10.305	10.291	10.313	VV	86708	1085768	11.17%	0.341%

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90	10.353	10.313	10.380	VV	117369	3802386	39.12%	1.193%
91	10.398	10.380	10.447	VV	103569	3372189	34.78%	1.061%
92	10.472	10.447	10.506	VV	99092	3021874	31.86%	0.971%
93	10.533	10.506	10.579	VV	98085	3683253	37.55%	1.145%
94	10.644	10.579	10.664	VV	167750	5360039	59.10%	1.802%
95	10.694	10.664	10.719	VV	135949	3761443	37.55%	1.145%
96	10.732	10.719	10.765	VV	106573	2891306	29.74%	0.907%
97	10.775	10.765	10.794	VV	102859	1678338	17.27%	0.526%
98	10.822	10.794	10.845	VV	105463	3096888	31.86%	0.971%
99	10.876	10.845	10.914	VV	151085	4830563	49.69%	1.515%
100	10.954	10.914	10.990	VV	134299	5220824	53.71%	1.638%
101	11.017	10.990	11.039	VV	125119	3381113	34.78%	1.061%
102	11.060	11.039	11.077	VV	127062	2756656	28.36%	0.865%
103	11.098	11.077	11.137	VV	135050	4446013	45.74%	1.395%
104	11.187	11.137	11.208	VV	160966	5745218	59.10%	1.802%
105	11.236	11.208	11.252	VV	146343	3650292	37.55%	1.145%
106	11.268	11.252	11.279	VV	150282	2291867	23.58%	0.719%
107	11.293	11.279	11.334	VV	150714	4797500	49.35%	1.505%
108	11.353	11.334	11.388	VV	146524	4567962	46.99%	1.433%
109	11.414	11.388	11.438	VV	165339	4351461	44.76%	1.365%
110	11.473	11.438	11.498	VV	153867	5120326	52.67%	1.606%
111	11.522	11.498	11.549	VV	151783	4343868	44.69%	1.363%
112	11.567	11.549	11.587	VV	153031	3304229	33.99%	1.036%
113	11.645	11.587	11.694	VV	173155	9720885	100.00%	3.049%
114	11.709	11.694	11.747	VV	169926	4829855	49.69%	1.515%
115	11.795	11.747	11.809	VV	176869	5696606	58.60%	1.787%
116	11.827	11.809	11.847	VV	185548	3904035	40.16%	1.225%
117	11.861	11.847	11.894	VV	165305	4513299	46.43%	1.416%
118	11.902	11.894	11.920	VV	147831	2282707	23.48%	0.716%
119	11.975	11.920	12.002	VV	170906	7605173	78.24%	2.386%
120	12.014	12.002	12.060	VV	161807	5186481	53.35%	1.627%
121	12.081	12.060	12.102	VV	147068	3621779	37.26%	1.136%
122	12.116	12.102	12.134	VV	150414	2778990	28.59%	0.872%
123	12.147	12.134	12.167	VV	150264	2932338	30.17%	0.920%
124	12.190	12.167	12.207	VV	148257	3468505	35.68%	1.088%
125	12.237	12.207	12.262	VV	144861	4617580	47.50%	1.448%
126	12.284	12.262	12.295	VV	138893	2731388	28.10%	0.857%
127	12.304	12.295	12.318	VV	137094	1854412	19.08%	0.582%
128	12.332	12.318	12.360	VV	141153	3469733	35.69%	1.088%
129	12.372	12.360	12.390	VV	136922	2443857	25.14%	0.767%
130	12.400	12.390	12.416	VV	134409	2048789	21.08%	0.643%
131	12.423	12.416	12.442	VV	131029	1977087	20.34%	0.620%
132	12.482	12.442	12.527	VV	143218	6749036	69.43%	2.117%
133	12.556	12.527	12.564	VV	143095	2950183	30.35%	0.925%
134	12.576	12.564	12.599	VV	147747	2906435	29.90%	0.912%
135	12.611	12.599	12.627	VV	130986	2202250	22.65%	0.691%
136	12.636	12.627	12.658	VV	132538	2301841	23.68%	0.722%
137	12.690	12.658	12.732	VV	131202	5312793	54.65%	1.667%
138	12.743	12.732	12.799	VV	116822	4431067	45.58%	1.390%
139	12.821	12.799	12.843	VV	114922	2905554	29.89%	0.911%
140	12.869	12.843	12.887	VV	107899	2771147	28.51%	0.869%
141	12.903	12.887	12.922	VV	107740	2217161	22.81%	0.695%

Manual IntegrationsAPPROVED

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							Instrument : FID_D	
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Parameters								
142	12.936	12.922	12.974	VV	104640	3138865	32.29%	0.985%
143	12.987	12.974	13.019	VV	102789	2650178	27.70%	0.985%
144	13.022	13.019	13.037	VV	96208	1012847	10.12%	0.985%
145	13.053	13.037	13.062	VV	98026	1487982	14.88%	0.985%
							Manual Integration	
146	13.079	13.062	13.109	VV	101674	2684220	27.00%	0.985%
147	13.123	13.109	13.150	VV	95969	2304531	23.05%	0.985%
148	13.157	13.150	13.206	VV	90233	2886767	29.70%	0.906%
149	13.248	13.206	13.268	VV	97668	3252038	33.45%	1.020%
150	13.279	13.268	13.294	VV	83364	1254400	12.90%	0.393%
151	13.305	13.294	13.349	VV	82196	2582092	26.56%	0.810%
152	13.382	13.349	13.396	VV	75990	2112985	21.74%	0.663%
153	13.410	13.396	13.434	VV	74657	1606843	16.53%	0.504%
154	13.465	13.434	13.532	VV	74346	4078448	41.96%	1.279%
155	13.542	13.532	13.557	VV	65132	967288	9.95%	0.303%
156	13.569	13.557	13.600	VV	65995	1617489	16.64%	0.507%
157	13.616	13.600	13.640	VV	60699	1454077	14.96%	0.456%
158	13.647	13.640	13.661	VV	58558	730276	7.51%	0.229%
159	13.687	13.661	13.732	VV	67619	2517652	25.90%	0.790%
160	13.740	13.732	13.802	VV	55039	2185348	22.48%	0.685%
161	13.809	13.802	13.822	VV	49361	598909	6.16%	0.188%
162	13.840	13.822	13.920	VV	49188	2749443	28.28%	0.862%
163	13.929	13.920	14.025	VV	43958	2687347	27.65%	0.843%
164	14.043	14.025	14.090	VV	41919	1564776	16.10%	0.491%
165	14.097	14.090	14.174	VV	37935	1805696	18.58%	0.566%
166	14.191	14.174	14.275	VV	35602	2000483	20.58%	0.628%
167	14.291	14.275	14.317	VV	30721	756930	7.79%	0.237%
168	14.331	14.317	14.367	VV	30037	864233	8.89%	0.271%
169	14.383	14.367	14.431	VV	28579	1041036	10.71%	0.327%
170	14.447	14.431	14.462	VV	26623	486390	5.00%	0.153%
171	14.478	14.462	14.493	VV	26282	489091	5.03%	0.153%
172	14.509	14.493	14.532	VV	27349	599728	6.17%	0.188%
173	14.544	14.532	14.597	VV	24790	891893	9.18%	0.280%
174	14.606	14.597	14.651	VV	21926	694970	7.15%	0.218%
175	14.670	14.651	14.702	VV	21167	619007	6.37%	0.194%
176	14.727	14.702	14.774	VV	21903	847389	8.72%	0.266%
177	14.788	14.774	14.814	VV	18728	440895	4.54%	0.138%
178	14.826	14.814	14.842	VV	18316	303150	3.12%	0.095%
179	14.853	14.842	14.879	VV	18148	375389	3.86%	0.118%
180	14.896	14.879	14.940	VV	16870	591222	6.08%	0.185%
181	14.970	14.940	15.015	VV	28928	826838	8.51%	0.259%
182	15.062	15.015	15.122	VV	17530	896996	9.23%	0.281%
183	15.127	15.122	15.145	VV	11906	165483	1.70%	0.052%
184	15.152	15.145	15.161	VV	11773	111997	1.15%	0.035%
185	15.173	15.161	15.220	VV	12029	404402	4.16%	0.127%
186	15.234	15.220	15.254	VV	11098	212949	2.19%	0.067%
187	15.268	15.254	15.329	VV	10380	446317	4.59%	0.140%
188	15.352	15.329	15.385	VV	10061	320563	3.30%	0.101%
189	15.420	15.385	15.450	VV	14968	427730	4.40%	0.134%
190	15.480	15.450	15.516	VV	18108	457149	4.70%	0.143%
191	15.525	15.516	15.550	VV	8029	161284	1.66%	0.051%
192	15.561	15.550	15.575	VV	7764	111532	1.15%	0.035%
193	15.583	15.575	15.634	VV	7563	244978	2.52%	0.077%
194	15.657	15.634	15.677	VV	8301	191473	1.97%	0.060%

195	15.700	15.677	15.737	VV	7477	244150		
196	15.763	15.737	15.822	VV	9902	353489		
197	15.832	15.822	15.890	VV	5649	209944		
198	15.918	15.890	15.942	VV	8890	197465		
199	15.965	15.942	16.012	VV	14407	313247		
200	16.035	16.012	16.065	VV	4361	127912		
201	16.075	16.065	16.108	VV	3914	96479	0.99%	0.030%
202	16.120	16.108	16.134	VV	3869	56506	0.58%	0.018%
203	16.152	16.134	16.174	VV	4228	93173	0.96%	0.029%
204	16.187	16.174	16.209	VV	3852	76001	0.78%	0.024%
205	16.241	16.209	16.297	VV	5379	196791	2.02%	0.062%
206	16.321	16.297	16.339	VV	3070	71423	0.73%	0.022%
207	16.350	16.339	16.367	VV	2784	44684	0.46%	0.014%
208	16.400	16.367	16.419	VV	8295	155718	1.60%	0.049%
209	16.437	16.419	16.478	VV	9580	182728	1.88%	0.057%
210	16.502	16.478	16.548	VV	4298	125437	1.29%	0.039%
211	16.569	16.548	16.587	VV	2708	59245	0.61%	0.019%
212	16.621	16.587	16.680	VV	4517	171706	1.77%	0.054%
213	16.704	16.680	16.759	VV	3809	131010	1.35%	0.041%
214	16.782	16.759	16.827	VV	4448	100111	1.03%	0.031%
215	16.865	16.827	16.881	VV	4255	87503	0.90%	0.027%
216	16.899	16.881	16.974	VV	4769	131812	1.36%	0.041%
217	16.999	16.974	17.012	VV	1282	27202	0.28%	0.009%
218	17.028	17.012	17.047	VV	1345	24699	0.25%	0.008%
219	17.054	17.047	17.064	VV	1012	10194	0.10%	0.003%
220	17.091	17.064	17.112	VV	1514	35157	0.36%	0.011%
221	17.147	17.112	17.190	VV	1989	66134	0.68%	0.021%
222	17.211	17.190	17.240	VV	1494	35453	0.36%	0.011%
223	17.252	17.240	17.290	VV	1392	34716	0.36%	0.011%
224	17.316	17.290	17.325	VV	2627	39219	0.40%	0.012%
225	17.338	17.325	17.412	VV	3417	67419	0.69%	0.021%
226	17.450	17.412	17.462	VV	835	19089	0.20%	0.006%
227	17.478	17.462	17.495	VV	900	14356	0.15%	0.005%
228	17.536	17.495	17.543	VV	1081	22926	0.24%	0.007%
229	17.554	17.543	17.592	VV	1212	26657	0.27%	0.008%
230	17.599	17.592	17.632	VV	689	14994	0.15%	0.005%
231	17.659	17.632	17.692	VV	1400	29455	0.30%	0.009%
232	17.700	17.692	17.718	VV	343	3391	0.03%	0.001%
233	17.769	17.718	17.805	PV	2244	48983	0.50%	0.015%
234	17.818	17.805	17.845	VV	389	5691	0.06%	0.002%
235	17.922	17.845	17.944	VV	823	26907	0.28%	0.008%
236	17.959	17.944	17.977	VV	625	11967	0.12%	0.004%
237	17.986	17.977	18.019	VV	637	10138	0.10%	0.003%
238	18.057	18.019	18.085	PV	708	11411	0.12%	0.004%
239	18.144	18.085	18.162	VV	2120	36483	0.38%	0.011%
240	18.188	18.162	18.224	VV	4240	65143	0.67%	0.020%
241	18.238	18.224	18.247	VV	347	3630	0.04%	0.001%
242	18.253	18.247	18.266	VV	279	2632	0.03%	0.001%
243	18.290	18.266	18.357	VV	968	26413	0.27%	0.008%
244	18.398	18.357	18.433	VV	1736	30536	0.31%	0.010%
245	18.487	18.433	18.526	VV	1190	33613	0.35%	0.011%
246	18.601	18.526	18.655	VV	2292	42873	0.44%	0.013%

Instrument :

FID_D

ClientSampleId :

LAW-25-0084DL

2.51% 0.077%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/16/2025

Supervised By :mohammad ahmed 06/16/2025

					rters		
247	18.693	18.669	18.740	VV	594	13216	
248	18.761	18.740	18.787	VV	482	9153	
249	18.800	18.787	18.817	VV	357	4034	
250	18.859	18.817	18.879	PV	463	7831	
251	18.892	18.879	18.913	PV	309	3335	
252	18.950	18.913	18.965	PV	352	6092	

Sum of corrected areas: 318796407

Instrument :
FID_D
ClientSampleId :
LAW-25-0084DL

0.14% 0.004%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/16/2025

Aromatic EPH 052425.M Fri Jun 13 22:59:19 2025