

Instrument :

FID_D

ClientSampleId :

EPH-1MSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/16/2023

Supervised By :Ankita Jodhani 01/16/2023

rteres

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD01132
 Data File : FD044796.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jan 2023 23:47
 Sample : 01132-03MSD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.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	4.319	4.302	4.334	VV	440	5202	0.07%	0.003%
2	4.340	4.334	4.360	VV	349	1709	0.02%	0.001%
3	4.375	4.360	4.382	PV	276	2282	0.03%	0.001%
4	4.395	4.382	4.415	VV	351	5744	0.08%	0.004%
5	4.442	4.415	4.462	VV	74688	648489	8.75%	0.417%
6	4.483	4.462	4.509	VV	675511	5750337	77.58%	3.698%
7	4.517	4.509	4.530	VV	1763	15229	0.21%	0.010%
8	4.545	4.530	4.572	VV	607	11992	0.16%	0.008%
9	4.589	4.572	4.603	VV	2763	27877	0.38%	0.018%
10	4.607	4.603	4.630	VV	1053	10058	0.14%	0.006%
11	4.644	4.630	4.654	VV	834	8657	0.12%	0.006%
12	4.664	4.654	4.678	VV	1014	10288	0.14%	0.007%
13	4.692	4.678	4.708	VV	1330	12308	0.17%	0.008%
14	4.747	4.724	4.763	VV	1125	12275	0.17%	0.008%
15	4.776	4.763	4.799	VV	832	9559	0.13%	0.006%
16	4.807	4.799	4.834	VV	649	8075	0.11%	0.005%
17	4.841	4.834	4.849	VV	249	1976	0.03%	0.001%
18	4.856	4.849	4.867	VV	506	3538	0.05%	0.002%
19	4.888	4.867	4.905	VV	437	7007	0.09%	0.005%
20	4.910	4.905	4.925	VV	372	2967	0.04%	0.002%
21	4.944	4.925	4.956	VV	350	3388	0.05%	0.002%
22	4.962	4.956	4.975	VV	280	1870	0.03%	0.001%
23	4.986	4.975	4.991	VV	419	2263	0.03%	0.001%
24	4.998	4.991	5.014	VV	467	3684	0.05%	0.002%
25	5.038	5.014	5.051	VV	1463	15528	0.21%	0.010%
26	5.069	5.051	5.090	VV	2915	31732	0.43%	0.020%
27	5.093	5.090	5.107	VV	232	1247	0.02%	0.001%
28	5.127	5.107	5.142	PV	1946	19144	0.26%	0.012%
29	5.152	5.142	5.167	VV	551	5277	0.07%	0.003%
30	5.179	5.167	5.193	VV	306	3263	0.04%	0.002%
31	5.207	5.193	5.235	VV	619	7058	0.10%	0.005%
32	5.253	5.235	5.267	VV	2222	20890	0.28%	0.013%
33	5.286	5.267	5.322	VV	9460	91101	1.23%	0.059%
34	5.346	5.322	5.365	VV	1004	13200	0.18%	0.008%
35	5.371	5.365	5.380	VV	292	1875	0.03%	0.001%
36	5.386	5.380	5.394	VV	260	1236	0.02%	0.001%

37	5.425	5.394	5.439	PV	577	7556		
38	5.446	5.439	5.450	VV	368	2223		
39	5.466	5.450	5.487	VV	1298	16105		
40	5.506	5.487	5.520	VV	1278	15323		
41	5.535	5.520	5.555	VV	1623	17446		
42	5.560	5.555	5.572	VV	447	3440		
43	5.583	5.572	5.599	VV	317	3980	0.05%	0.003%
44	5.605	5.599	5.612	VV	439	2212	0.03%	0.001%
45	5.625	5.612	5.630	VV	379	3513	0.05%	0.002%
46	5.635	5.630	5.646	VV	473	3550	0.05%	0.002%
47	5.657	5.646	5.666	VV	453	4758	0.06%	0.003%
48	5.671	5.666	5.684	VV	493	3064	0.04%	0.002%
49	5.708	5.684	5.727	VV	3526	35738	0.48%	0.023%
50	5.755	5.727	5.789	VV	593	12728	0.17%	0.008%
51	5.805	5.789	5.820	VV	496	6464	0.09%	0.004%
52	5.826	5.820	5.840	VV	426	3161	0.04%	0.002%
53	5.853	5.840	5.864	VV	522	4655	0.06%	0.003%
54	5.872	5.864	5.879	VV	510	3340	0.05%	0.002%
55	5.891	5.879	5.896	VV	383	2879	0.04%	0.002%
56	5.917	5.896	5.941	VV	658	10889	0.15%	0.007%
57	5.950	5.941	5.963	VV	480	4147	0.06%	0.003%
58	5.975	5.963	5.980	VV	460	3856	0.05%	0.002%
59	6.010	5.980	6.042	VV	704537	6273135	84.63%	4.034%
60	6.056	6.042	6.079	VV	1791	21682	0.29%	0.014%
61	6.100	6.079	6.132	VV	693	11655	0.16%	0.007%
62	6.160	6.132	6.191	VV	1393	20925	0.28%	0.013%
63	6.215	6.191	6.219	VV	557	5483	0.07%	0.004%
64	6.224	6.219	6.266	VV	613	10178	0.14%	0.007%
65	6.284	6.266	6.311	VV	1668	19878	0.27%	0.013%
66	6.328	6.311	6.353	VV	783	12212	0.16%	0.008%
67	6.362	6.353	6.397	VV	518	10834	0.15%	0.007%
68	6.400	6.397	6.410	VV	564	2831	0.04%	0.002%
69	6.436	6.410	6.478	VV	75499	714294	9.64%	0.459%
70	6.495	6.478	6.512	VV	766	9968	0.13%	0.006%
71	6.527	6.512	6.542	VV	666	7359	0.10%	0.005%
72	6.552	6.542	6.567	VV	683	6407	0.09%	0.004%
73	6.583	6.567	6.600	VV	804	10006	0.13%	0.006%
74	6.607	6.600	6.615	VV	467	3636	0.05%	0.002%
75	6.621	6.615	6.631	VV	465	3694	0.05%	0.002%
76	6.637	6.631	6.644	VV	363	2359	0.03%	0.002%
77	6.659	6.644	6.686	VV	986	14572	0.20%	0.009%
78	6.698	6.686	6.730	VV	503	6310	0.09%	0.004%
79	6.774	6.742	6.794	PV	486	9586	0.13%	0.006%
80	6.806	6.794	6.818	VV	537	4860	0.07%	0.003%
81	6.836	6.818	6.862	VV	760	14208	0.19%	0.009%
82	6.900	6.862	6.914	VV	2681	38843	0.52%	0.025%
83	6.926	6.914	6.937	VV	1304	13274	0.18%	0.009%
84	6.961	6.937	7.013	VV	9528	114235	1.54%	0.073%
85	7.054	7.013	7.120	VV	652311	6264519	84.51%	4.029%
86	7.131	7.120	7.145	VV	646	7321	0.10%	0.005%
87	7.153	7.145	7.171	VV	579	6199	0.08%	0.004%
88	7.187	7.171	7.199	VV	1659	17482	0.24%	0.011%
89	7.214	7.199	7.230	VV	2458	30655	0.41%	0.020%

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0.10% 0.005%

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					retention			
90	7.244	7.230	7.258	VV	2223	26201	0.35%	0.017%
91	7.270	7.258	7.301	VV	1716	25321		
92	7.318	7.301	7.342	VV	1650	24803		
93	7.349	7.342	7.389	VV	1087	17627		
94	7.412	7.389	7.428	VV	1051	16204		
95	7.442	7.428	7.465	VV	978	12651		
96	7.488	7.465	7.500	VV	526	8195	0.11%	0.005%
97	7.525	7.500	7.550	VV	983	18372	0.25%	0.012%
98	7.580	7.550	7.597	VV	1264	19651	0.27%	0.013%
99	7.610	7.597	7.630	VV	1258	15031	0.20%	0.010%
100	7.662	7.630	7.739	VV	786119	7371946	99.45%	4.741%
101	7.754	7.739	7.759	VV	971	8626	0.12%	0.006%
102	7.762	7.759	7.766	VV	873	3670	0.05%	0.002%
103	7.772	7.766	7.794	VV	1036	11114	0.15%	0.007%
104	7.798	7.794	7.806	VV	474	3126	0.04%	0.002%
105	7.819	7.806	7.827	VV	597	5901	0.08%	0.004%
106	7.832	7.827	7.857	VV	592	6779	0.09%	0.004%
107	7.864	7.857	7.888	VV	521	5885	0.08%	0.004%
108	7.914	7.888	7.939	VV	858	14962	0.20%	0.010%
109	7.969	7.939	7.986	VV	865	15598	0.21%	0.010%
110	7.991	7.986	8.004	VV	610	5115	0.07%	0.003%
111	8.010	8.004	8.017	VV	514	3923	0.05%	0.003%
112	8.022	8.017	8.062	VV	722	11825	0.16%	0.008%
113	8.072	8.062	8.082	VV	464	4133	0.06%	0.003%
114	8.113	8.082	8.132	VV	977	16294	0.22%	0.010%
115	8.136	8.132	8.155	VV	461	4517	0.06%	0.003%
116	8.169	8.155	8.175	VV	377	3820	0.05%	0.002%
117	8.215	8.175	8.245	VV	70686	732091	9.88%	0.471%
118	8.275	8.245	8.294	VV	1597	24289	0.33%	0.016%
119	8.324	8.294	8.380	VV	693170	6753388	91.11%	4.343%
120	8.386	8.380	8.391	VV	532	2831	0.04%	0.002%
121	8.407	8.391	8.427	VV	754	11650	0.16%	0.007%
122	8.445	8.427	8.473	VV	832	14329	0.19%	0.009%
123	8.519	8.473	8.554	VV	484821	4844854	65.36%	3.116%
124	8.555	8.554	8.560	VV	1110	3904	0.05%	0.003%
125	8.572	8.560	8.589	VV	1493	18605	0.25%	0.012%
126	8.618	8.589	8.651	VV	709312	6845120	92.35%	4.402%
127	8.659	8.651	8.686	VV	865	15255	0.21%	0.010%
128	8.722	8.686	8.734	VV	813	20001	0.27%	0.013%
129	8.765	8.734	8.787	VV	982	24137	0.33%	0.016%
130	8.799	8.787	8.820	VV	672	10807	0.15%	0.007%
131	8.828	8.820	8.844	VV	748	8397	0.11%	0.005%
132	8.883	8.844	8.905	VV	2690	41278	0.56%	0.027%
133	9.025	9.004	9.035	VV	1235	16993	0.23%	0.011%
134	9.049	9.035	9.101	VV	1565	36229	0.49%	0.023%
135	9.118	9.101	9.149	VV	763	15239	0.21%	0.010%
136	9.170	9.149	9.192	VV	690	13079	0.18%	0.008%
137	9.206	9.192	9.228	VV	616	10988	0.15%	0.007%
138	9.251	9.228	9.285	VV	1021	20568	0.28%	0.013%
139	9.311	9.285	9.342	VV	857	20665	0.28%	0.013%
140	9.349	9.342	9.360	VV	825	7827	0.11%	0.005%
141	9.394	9.360	9.435	VV	697987	6974646	94.09%	4.485%

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0.35% 0.017%

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					rters			
142	9.469	9.435	9.512	VV	979	32693	0.44%	0.021%
143	9.537	9.512	9.557	VV	792	17351		
144	9.602	9.557	9.624	VV	5476	83012		
145	9.666	9.624	9.705	VV	15928	183802		
146	9.731	9.705	9.764	VV	1578	35293		
147	9.800	9.764	9.852	VV	71403	798943	10	
148	9.862	9.852	9.887	VV	607	10620	0.14%	0.007%
149	9.891	9.887	9.925	VV	678	11396	0.15%	0.007%
150	9.932	9.925	9.952	VV	675	7682	0.10%	0.005%
151	9.959	9.952	10.006	VV	696	13258	0.18%	0.009%
152	10.068	10.006	10.099	PV	857	25007	0.34%	0.016%
153	10.106	10.099	10.115	VV	590	4782	0.06%	0.003%
154	10.126	10.115	10.153	VV	723	12267	0.17%	0.008%
155	10.189	10.153	10.210	VV	1047	23224	0.31%	0.015%
156	10.232	10.210	10.282	VV	944	29690	0.40%	0.019%
157	10.314	10.282	10.332	VV	1188	23990	0.32%	0.015%
158	10.347	10.332	10.365	VV	879	12788	0.17%	0.008%
159	10.383	10.365	10.389	VV	759	9819	0.13%	0.006%
160	10.426	10.389	10.445	VV	1513	32810	0.44%	0.021%
161	10.485	10.445	10.502	VV	1362	31257	0.42%	0.020%
162	10.516	10.502	10.547	VV	919	21374	0.29%	0.014%
163	10.583	10.547	10.610	VV	6784	89246	1.20%	0.057%
164	10.620	10.610	10.635	VV	838	10900	0.15%	0.007%
165	10.661	10.635	10.685	VV	1050	22982	0.31%	0.015%
166	10.782	10.685	10.822	VV	650095	7073434	95.43%	4.549%
167	10.857	10.822	10.895	VV	678626	6929970	93.49%	4.457%
168	10.927	10.895	10.954	VV	1819	40547	0.55%	0.026%
169	10.959	10.954	11.030	VV	1033	24880	0.34%	0.016%
170	11.061	11.030	11.104	VV	2197	38699	0.52%	0.025%
171	11.161	11.104	11.182	VV	1583	29680	0.40%	0.019%
172	11.230	11.182	11.267	VV	73075	815912	11.01%	0.525%
173	11.317	11.267	11.346	VV	1039	27717	0.37%	0.018%
174	11.386	11.346	11.405	VV	958	16572	0.22%	0.011%
175	11.422	11.405	11.459	VV	709	15079	0.20%	0.010%
176	11.462	11.459	11.494	VV	334	4181	0.06%	0.003%
177	11.547	11.494	11.586	PV	639690	7021290	94.72%	4.515%
178	11.603	11.586	11.629	VV	1180	19687	0.27%	0.013%
179	11.636	11.629	11.649	VV	495	5421	0.07%	0.003%
180	11.685	11.649	11.702	VV	1475	32181	0.43%	0.021%
181	11.717	11.702	11.733	VV	1578	20849	0.28%	0.013%
182	11.749	11.733	11.774	VV	1399	17296	0.23%	0.011%
183	11.813	11.774	11.850	VV	1214	23299	0.31%	0.015%
184	11.883	11.850	11.912	VV	988	26192	0.35%	0.017%
185	11.945	11.912	11.967	VV	7708	102371	1.38%	0.066%
186	11.982	11.967	12.014	VV	2300	29952	0.40%	0.019%
187	12.042	12.014	12.081	VV	586	14898	0.20%	0.010%
188	12.131	12.081	12.167	PV	5169	74124	1.00%	0.048%
189	12.186	12.167	12.204	VV	758	12356	0.17%	0.008%
190	12.213	12.204	12.239	VV	653	8520	0.11%	0.005%
191	12.249	12.239	12.277	VV	341	5575	0.08%	0.004%
192	12.306	12.277	12.347	VV	624	17055	0.23%	0.011%
193	12.395	12.347	12.428	VV	1520	37257	0.50%	0.024%
194	12.466	12.428	12.492	VV	1705	27820	0.38%	0.018%

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195	12.528	12.492	12.552	VV	64790	780547	10.53% 0.502%
196	12.585	12.552	12.635	VV	630976	7043938	Manual IntegrationsAPPROVED
197	12.680	12.635	12.697	VV	460	9318	
198	12.713	12.697	12.735	VV	465	5341	
199	12.763	12.735	12.787	VV	5410	60043	
200	12.800	12.787	12.839	VV	601	10469	
201	12.880	12.839	12.907	VV	617927	7001047	94.45% 4.502%
202	12.930	12.907	12.944	VV	7308	84384	1.14% 0.054%
203	13.012	13.005	13.031	VV	709	7935	0.11% 0.005%
204	13.047	13.031	13.065	VV	712	10811	0.15% 0.007%
205	13.084	13.065	13.102	VV	621	9388	0.13% 0.006%
206	13.135	13.102	13.165	VV	61605	725812	9.79% 0.467%
207	13.188	13.165	13.243	VV	5932	81208	1.10% 0.052%
208	13.265	13.243	13.289	VV	493	10184	0.14% 0.007%
209	13.325	13.289	13.334	VV	918	17127	0.23% 0.011%
210	13.355	13.334	13.396	VV	4309	58846	0.79% 0.038%
211	13.454	13.396	13.480	VV	1765	35306	0.48% 0.023%
212	13.561	13.480	13.585	VV	4238	68125	0.92% 0.044%
213	13.599	13.585	13.620	VV	1068	13399	0.18% 0.009%
214	13.633	13.620	13.650	VV	750	10635	0.14% 0.007%
215	13.666	13.650	13.685	VV	1875	23380	0.32% 0.015%
216	13.717	13.685	13.761	VV	58335	727922	9.82% 0.468%
217	13.770	13.761	13.797	VV	636	8240	0.11% 0.005%
218	13.827	13.797	13.866	VV	494	9202	0.12% 0.006%
219	13.877	13.866	13.893	VV	358	3190	0.04% 0.002%
220	13.904	13.893	13.914	PV	182	1467	0.02% 0.001%
221	14.008	13.914	14.020	VV	392	13624	0.18% 0.009%
222	14.038	14.020	14.053	VV	367	5961	0.08% 0.004%
223	14.063	14.053	14.079	VV	382	4573	0.06% 0.003%
224	14.140	14.079	14.168	VV	9241	127617	1.72% 0.082%
225	14.180	14.168	14.212	VV	1070	18012	0.24% 0.012%
226	14.222	14.212	14.247	VV	455	6866	0.09% 0.004%
227	14.274	14.247	14.295	VV	909	18672	0.25% 0.012%
228	14.327	14.295	14.341	VV	1864	29222	0.39% 0.019%
229	14.361	14.341	14.395	VV	3854	53640	0.72% 0.034%
230	14.423	14.395	14.455	VV	1365	24107	0.33% 0.016%
231	14.484	14.455	14.521	VV	1581	25317	0.34% 0.016%
232	14.541	14.521	14.557	VV	397	6277	0.08% 0.004%
233	14.602	14.557	14.624	VV	774	18973	0.26% 0.012%
234	14.653	14.624	14.666	VV	684	13126	0.18% 0.008%
235	14.673	14.666	14.682	VV	665	5531	0.07% 0.004%
236	14.741	14.682	14.760	VV	526904	6760419	91.20% 4.348%
237	14.786	14.760	14.840	VV	584675	7412486	100.00% 4.767%
238	14.854	14.840	14.880	VV	2978	48568	0.66% 0.031%
239	14.894	14.880	14.920	VV	1658	25355	0.34% 0.016%
240	14.938	14.920	14.950	VV	1019	15606	0.21% 0.010%
241	14.969	14.950	14.997	VV	1781	29840	0.40% 0.019%
242	15.032	14.997	15.081	VV	1103	40038	0.54% 0.026%
243	15.096	15.081	15.131	VV	1115	25847	0.35% 0.017%
244	15.185	15.131	15.292	VV	7600	268597	3.62% 0.173%
245	15.343	15.292	15.385	VV	5952	164408	2.22% 0.106%
246	15.399	15.385	15.417	VV	2174	34787	0.47% 0.022%

Chromatogram Data									
Peak No.	Retention Time (min)	Area	Height	Width	Integration	Integration	Integration	Integration	Integration
247	15.434	15.417	15.467	VV	1713	41933	0.57%	0.027%	
248	15.474	15.467	15.482	VV	1265	10561			
249	15.538	15.482	15.552	VV	1794	58500			
250	15.570	15.552	15.605	VV	3292	66120			
251	15.642	15.605	15.665	VV	2634	60877			
252	15.687	15.665	15.702	VV	1941	36166			
253	15.727	15.702	15.768	VV	2082	64125	0.87%	0.041%	
254	15.825	15.768	15.865	VV	54920	768842	10.37%	0.494%	
255	15.884	15.865	15.952	VV	2140	89476	1.21%	0.058%	
256	16.284	16.231	16.299	VV	463164	6849019	92.40%	4.405%	
257	16.318	16.299	16.360	VV	566731	6462671	87.19%	4.156%	
258	16.382	16.360	16.412	VV	7905	166930	2.25%	0.107%	
259	16.592	16.545	16.614	VV	5936	174904	2.36%	0.112%	
260	16.659	16.614	16.709	VV	488708	6210266	83.78%	3.994%	
261	16.764	16.709	16.794	VV	55288	975025	13.15%	0.627%	
262	16.815	16.794	16.862	VV	10148	251723	3.40%	0.162%	
263	17.646	17.584	17.697	VV	53756	1058547	14.28%	0.681%	
264	17.733	17.697	17.759	VV	9907	270608	3.65%	0.174%	
265	18.016	17.945	18.032	VV	425422	6413841	86.53%	4.125%	
266	18.056	18.032	18.125	VV	460097	6559811	88.50%	4.219%	
267	18.270	18.211	18.367	VV	424801	6888429	92.93%	4.430%	
268	18.470	18.422	18.500	VBA	57473	1142419	15.41%	0.735%	
Sum of corrected areas:					155498932				

Instrument :

FID_D

ClientSampleId :

EPH-1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/16/2023
Supervised By :Ankita Jodhani 01/16/2023

Aromatic EPH 122422.M Mon Jan 16 04:41:35 2023