

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061923AL\
 Data File : FE042736.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jun 2023 07:46
 Sample : 03322-01MSD
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061723.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.260	3.204	3.280	BV	3185	34131	0.27%	0.010%
2	3.312	3.280	3.411	VV	441284	4476138	35.86%	1.354%
3	3.451	3.411	3.472	VV	934	22122	0.18%	0.007%
4	3.483	3.472	3.502	VV	551	6938	0.06%	0.002%
5	3.526	3.502	3.544	VV	451	8646	0.07%	0.003%
6	3.553	3.544	3.579	VV	385	3965	0.03%	0.001%
7	3.593	3.579	3.611	VV	258	3059	0.02%	0.001%
8	3.625	3.611	3.638	VV	551	6210	0.05%	0.002%
9	3.662	3.638	3.718	VV	965	28487	0.23%	0.009%
10	3.735	3.718	3.747	VV	718	9572	0.08%	0.003%
11	3.767	3.747	3.824	VV	822	21564	0.17%	0.007%
12	3.841	3.824	3.873	VV	312	4095	0.03%	0.001%
13	3.897	3.873	3.930	VV	602	8444	0.07%	0.003%
14	3.944	3.930	3.968	VV	395	4400	0.04%	0.001%
15	3.999	3.968	4.061	VV	391	8127	0.07%	0.002%
16	4.103	4.061	4.160	VV	451	13725	0.11%	0.004%
17	4.182	4.160	4.228	VV	627	13317	0.11%	0.004%
18	4.264	4.228	4.275	VV	1709	27130	0.22%	0.008%
19	4.287	4.275	4.314	VV	1849	26277	0.21%	0.008%
20	4.329	4.314	4.361	VV	770	12745	0.10%	0.004%
21	4.372	4.361	4.400	VV	239	4129	0.03%	0.001%
22	4.455	4.400	4.481	VV	183	5306	0.04%	0.002%
23	4.496	4.481	4.504	PV	188	1501	0.01%	0.000%
24	4.518	4.504	4.531	VV	136	1762	0.01%	0.001%
25	4.564	4.531	4.583	VV	530097	5203668	41.69%	1.574%
26	4.602	4.583	4.708	VV	522768	5386667	43.15%	1.630%
27	4.720	4.708	4.758	VV	813	18763	0.15%	0.006%
28	4.790	4.758	4.829	VV	1293	29770	0.24%	0.009%
29	4.846	4.829	4.859	VV	751	9023	0.07%	0.003%
30	4.870	4.859	4.888	VV	599	6982	0.06%	0.002%
31	4.901	4.888	4.911	VV	340	4125	0.03%	0.001%

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32	4.925	4.911	4.938	VV	424	5170	0.04%	0.002%
33	4.953	4.938	4.991	VV	393	9308	0.07%	0.003%
34	5.032	4.991	5.048	VV	533	14613	0.12%	0.004%
35	5.071	5.048	5.124	VV	707	19200	0.15%	0.006%
36	5.145	5.124	5.160	VV	321	4810	0.04%	0.001%
37	5.184	5.160	5.198	VV	257	4098	0.03%	0.001%
38	5.222	5.198	5.250	VV	978	14447	0.12%	0.004%
39	5.266	5.250	5.300	VV	408	8206	0.07%	0.002%
40	5.348	5.300	5.371	VV	502	14833	0.12%	0.004%
41	5.405	5.371	5.428	VV	485	8785	0.07%	0.003%
42	5.474	5.428	5.490	VV	1409	19991	0.16%	0.006%
43	5.505	5.490	5.531	VV	1083	15826	0.13%	0.005%
44	5.558	5.531	5.594	VV	696	14295	0.11%	0.004%
45	5.604	5.594	5.657	VV	172	3659	0.03%	0.001%
46	5.699	5.657	5.738	PV	1958	29720	0.24%	0.009%
47	5.750	5.738	5.771	VV	389	5016	0.04%	0.002%
48	5.803	5.771	5.841	VV	525	12534	0.10%	0.004%
49	5.847	5.841	5.862	VV	132	1185	0.01%	0.000%
50	5.885	5.862	5.918	VV	591	8672	0.07%	0.003%
51	5.949	5.918	5.984	PV	3008	37589	0.30%	0.011%
52	6.013	5.984	6.055	VV	533	13916	0.11%	0.004%
53	6.089	6.055	6.103	VV	258	5334	0.04%	0.002%
54	6.122	6.103	6.150	VV	273	4416	0.04%	0.001%
55	6.177	6.150	6.201	VV	291	4317	0.03%	0.001%
56	6.230	6.201	6.244	VV	393	5349	0.04%	0.002%
57	6.273	6.244	6.364	VV	607823	6140712	49.19%	1.858%
58	6.373	6.364	6.405	VV	1451	25915	0.21%	0.008%
59	6.441	6.405	6.488	VV	1005	32969	0.26%	0.010%
60	6.502	6.488	6.511	VV	379	4850	0.04%	0.001%
61	6.525	6.511	6.543	VV	444	6866	0.06%	0.002%
62	6.572	6.543	6.637	VV	943	26833	0.21%	0.008%
63	6.650	6.637	6.696	VV	453	14010	0.11%	0.004%
64	6.732	6.696	6.794	VV	583523	6042045	48.40%	1.828%
65	6.812	6.794	6.841	VV	740	16155	0.13%	0.005%
66	6.852	6.841	6.868	VV	372	5294	0.04%	0.002%
67	6.884	6.868	6.911	VV	1037	18642	0.15%	0.006%
68	6.919	6.911	6.948	VV	530	7646	0.06%	0.002%
69	6.959	6.948	6.971	VV	184	1241	0.01%	0.000%
70	7.015	6.971	7.037	VV	300	6264	0.05%	0.002%
71	7.058	7.037	7.111	VV	581	12460	0.10%	0.004%
72	7.143	7.111	7.192	VV	752	22439	0.18%	0.007%
73	7.202	7.192	7.208	VV	456	3922	0.03%	0.001%
74	7.230	7.208	7.249	VV	2311	34032	0.27%	0.010%
75	7.272	7.249	7.327	VV	11857	149774	1.20%	0.045%
76	7.370	7.327	7.439	VV	602365	6273083	50.25%	1.898%
77	7.448	7.439	7.490	VV	2057	48388	0.39%	0.015%
78	7.507	7.490	7.528	VV	1941	28858	0.23%	0.009%
79	7.569	7.528	7.623	VV	2886	83365	0.67%	0.025%

80	7.646	7.623	7.661	VV	1668	24564	0.20%	0.007%
81	7.679	7.661	7.718	VV	2820	44708	0.36%	0.014%
82	7.742	7.718	7.790	VV	864	22901	0.18%	0.007%
83	7.811	7.790	7.834	PV	221	3429	0.03%	0.001%
84	7.854	7.834	7.886	PV	1364	17641	0.14%	0.005%
85	7.906	7.886	7.938	VV	232	3835	0.03%	0.001%
86	8.109	8.083	8.191	VV	1715	63736	0.51%	0.019%
87	8.206	8.191	8.226	VV	547	8596	0.07%	0.003%
88	8.253	8.226	8.273	VV	1600	23540	0.19%	0.007%
89	8.310	8.273	8.349	VV	1646	37296	0.30%	0.011%
90	8.381	8.349	8.412	VV	987	22308	0.18%	0.007%
91	8.464	8.412	8.476	VV	1072	24518	0.20%	0.007%
92	8.487	8.476	8.503	VV	1034	13108	0.11%	0.004%
93	8.564	8.503	8.624	VV	642519	6753666	54.10%	2.043%
94	8.675	8.624	8.774	VV	672059	6962748	55.78%	2.107%
95	8.798	8.774	8.840	VV	1883	34685	0.28%	0.010%
96	8.975	8.944	9.073	VV	695766	7225808	57.89%	2.186%
97	9.096	9.073	9.137	VV	1860	43730	0.35%	0.013%
98	9.155	9.137	9.173	VV	690	13136	0.11%	0.004%
99	9.215	9.173	9.231	VV	879	23199	0.19%	0.007%
100	9.250	9.231	9.273	VV	1976	27241	0.22%	0.008%
101	9.304	9.273	9.364	VV	1523	43465	0.35%	0.013%
102	9.387	9.364	9.411	VV	3676	46010	0.37%	0.014%
103	9.425	9.411	9.458	VV	1035	14728	0.12%	0.004%
104	9.485	9.458	9.513	VV	773	11684	0.09%	0.004%
105	9.539	9.513	9.558	VV	971	11790	0.09%	0.004%
106	9.575	9.558	9.600	VV	620	8854	0.07%	0.003%
107	9.625	9.600	9.657	VV	1315	20945	0.17%	0.006%
108	9.678	9.657	9.701	VV	895	12664	0.10%	0.004%
109	9.722	9.701	9.734	VV	2462	26930	0.22%	0.008%
110	9.764	9.734	9.828	VV	651742	7004992	56.12%	2.119%
111	9.837	9.828	9.881	VV	2209	46061	0.37%	0.014%
112	9.906	9.881	9.928	VV	1834	35386	0.28%	0.011%
113	9.946	9.928	9.959	VV	2645	34073	0.27%	0.010%
114	9.976	9.959	10.014	VV	4146	63917	0.51%	0.019%
115	10.042	10.014	10.071	VV	12112	163495	1.31%	0.049%
116	10.083	10.071	10.094	VV	1862	22384	0.18%	0.007%
117	10.104	10.094	10.131	VV	1717	29271	0.23%	0.009%
118	10.171	10.131	10.244	VV	652767	7348175	58.87%	2.223%
119	10.275	10.244	10.319	VV	808	19985	0.16%	0.006%
120	10.344	10.319	10.421	VV	498	9513	0.08%	0.003%
121	10.450	10.421	10.488	PV	527	12702	0.10%	0.004%
122	10.513	10.488	10.538	VV	1765	25902	0.21%	0.008%
123	10.558	10.538	10.582	VV	1753	25837	0.21%	0.008%
124	10.617	10.582	10.631	VV	1347	25482	0.20%	0.008%
125	10.646	10.631	10.670	VV	1654	24176	0.19%	0.007%
126	10.689	10.670	10.728	VV	1277	24073	0.19%	0.007%

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127	10.763	10.728	10.798	VV	1225	27942	0.22%	0.008%
128	10.825	10.798	10.878	VV	1427	45614	0.37%	0.014%
129	10.908	10.878	10.948	VV	4292	77545	0.62%	0.023%
130	10.975	10.948	11.031	VV	7051	117825	0.94%	0.036%
131	11.042	11.031	11.085	VV	679	12757	0.10%	0.004%
132	11.172	11.085	11.214	PV	600098	6866877	55.01%	2.078%
133	11.249	11.214	11.315	VV	584492	6854279	54.91%	2.074%
134	11.323	11.315	11.348	VV	2272	32687	0.26%	0.010%
135	11.358	11.348	11.391	VV	1260	22173	0.18%	0.007%
136	11.416	11.391	11.447	VV	3132	43671	0.35%	0.013%
137	11.474	11.447	11.504	VV	1933	33733	0.27%	0.010%
138	11.541	11.504	11.558	VV	1214	26257	0.21%	0.008%
139	11.615	11.558	11.673	VV	626375	7395774	59.25%	2.238%
140	11.700	11.673	11.738	VV	3580	64799	0.52%	0.020%
141	11.769	11.738	11.790	VV	1003	16806	0.13%	0.005%
142	11.812	11.790	11.841	VV	1069	22458	0.18%	0.007%
143	11.871	11.841	11.888	VV	1072	19663	0.16%	0.006%
144	11.934	11.888	11.990	VV	596596	6631327	53.12%	2.006%
145	12.007	11.990	12.037	VV	5125	74932	0.60%	0.023%
146	12.087	12.037	12.107	VV	5182	107597	0.86%	0.033%
147	12.123	12.107	12.137	VV	4431	54824	0.44%	0.017%
148	12.153	12.137	12.194	VV	4990	74017	0.59%	0.022%
149	12.222	12.194	12.240	PV	709	11990	0.10%	0.004%
150	12.281	12.240	12.318	VV	4353	81100	0.65%	0.025%
151	12.339	12.318	12.357	VV	2270	35238	0.28%	0.011%
152	12.374	12.357	12.424	VV	1876	36352	0.29%	0.011%
153	12.446	12.424	12.466	VV	1654	22582	0.18%	0.007%
154	12.473	12.466	12.489	VV	528	6844	0.05%	0.002%
155	12.532	12.489	12.570	VV	31612	365091	2.92%	0.110%
156	12.586	12.570	12.608	VV	1157	19645	0.16%	0.006%
157	12.646	12.608	12.679	VV	1759	55706	0.45%	0.017%
158	12.693	12.679	12.706	VV	1264	17765	0.14%	0.005%
159	12.718	12.706	12.727	VV	1322	13897	0.11%	0.004%
160	12.748	12.727	12.804	VV	3213	75611	0.61%	0.023%
161	12.832	12.804	12.851	PV	2407	35897	0.29%	0.011%
162	12.873	12.851	12.890	VV	6043	81176	0.65%	0.025%
163	12.926	12.890	12.959	VV	600333	7346923	58.86%	2.223%
164	12.996	12.959	13.077	VV	572895	6731119	53.92%	2.037%
165	13.089	13.077	13.102	VV	815	8791	0.07%	0.003%
166	13.130	13.102	13.157	VV	2401	48473	0.39%	0.015%
167	13.177	13.157	13.199	VV	6139	79857	0.64%	0.024%
168	13.208	13.199	13.257	VV	1409	36013	0.29%	0.011%
169	13.295	13.257	13.327	VV	554216	6633089	53.14%	2.007%
170	13.370	13.327	13.401	VV	419585	5189654	41.58%	1.570%
171	13.410	13.401	13.448	VV	3928	56552	0.45%	0.017%
172	13.465	13.448	13.500	VV	1461	35294	0.28%	0.011%
173	13.538	13.500	13.604	VV	564175	6995885	56.05%	2.117%
174	13.622	13.604	13.664	VV	1838	31949	0.26%	0.010%

175	13.712	13.664	13.728	PV	rteres 1522	38672	0.31%	0.012%
176	13.754	13.728	13.823	VV	3548	79104	0.63%	0.024%
177	13.881	13.823	13.924	PV	8142	154980	1.24%	0.047%
178	13.988	13.924	14.008	VV	4013	88468	0.71%	0.027%
179	14.028	14.008	14.051	VV	5503	72140	0.58%	0.022%
180	14.068	14.051	14.086	VV	1684	26996	0.22%	0.008%
181	14.124	14.086	14.179	VV	545556	6947063	55.65%	2.102%
182	14.198	14.179	14.248	VV	4728	72996	0.58%	0.022%
183	14.276	14.248	14.284	VV	649	11443	0.09%	0.003%
184	14.305	14.284	14.331	VV	1220	21920	0.18%	0.007%
185	14.354	14.331	14.374	VV	846	15596	0.12%	0.005%
186	14.407	14.374	14.420	VV	480	7213	0.06%	0.002%
187	14.436	14.420	14.447	PV	352	4025	0.03%	0.001%
188	14.482	14.447	14.494	VV	680	14698	0.12%	0.004%
189	14.566	14.494	14.602	VV	18131	294368	2.36%	0.089%
190	14.621	14.602	14.654	VV	3396	63522	0.51%	0.019%
191	14.684	14.654	14.705	VV	4929	72148	0.58%	0.022%
192	14.720	14.705	14.738	VV	2790	42885	0.34%	0.013%
193	14.746	14.738	14.767	VV	1629	18334	0.15%	0.006%
194	14.796	14.767	14.813	VV	3690	57696	0.46%	0.017%
195	14.819	14.813	14.835	VV	2312	24395	0.20%	0.007%
196	14.857	14.835	14.884	VV	6602	95696	0.77%	0.029%
197	14.926	14.884	14.956	VV	2254	56737	0.45%	0.017%
198	14.979	14.956	15.001	PV	1425	18435	0.15%	0.006%
199	15.061	15.001	15.094	VV	3479	73311	0.59%	0.022%
200	15.127	15.094	15.136	PV	1803	19333	0.15%	0.006%
201	15.176	15.136	15.196	VV	445892	5981045	47.92%	1.810%
202	15.222	15.196	15.289	VV	921402	12482531	100.00%	3.777%
203	15.333	15.289	15.380	VV	5391	132811	1.06%	0.040%
204	15.398	15.380	15.449	VV	1904	48312	0.39%	0.015%
205	15.481	15.449	15.498	PV	2224	33740	0.27%	0.010%
206	15.521	15.498	15.548	VV	1628	40467	0.32%	0.012%
207	15.622	15.548	15.697	VV	14124	422561	3.39%	0.128%
208	15.744	15.697	15.781	VV	5388	106171	0.85%	0.032%
209	15.817	15.781	15.827	VV	4848	74844	0.60%	0.023%
210	15.843	15.827	15.863	VV	7930	106937	0.86%	0.032%
211	15.880	15.863	15.910	VV	3669	54442	0.44%	0.016%
212	16.005	15.910	16.035	PV	4209	123918	0.99%	0.037%
213	16.080	16.035	16.103	VV	2042	31245	0.25%	0.009%
214	16.169	16.103	16.186	PV	1273	28678	0.23%	0.009%
215	16.250	16.186	16.294	PV	487432	6391338	51.20%	1.934%
216	16.312	16.294	16.324	VV	725	7676	0.06%	0.002%
217	16.444	16.324	16.471	PV	14638	182000	1.46%	0.055%
218	16.485	16.471	16.498	VV	667	8927	0.07%	0.003%
219	16.544	16.498	16.570	VV	4039	85458	0.68%	0.026%
220	16.645	16.570	16.689	VV	4398	119913	0.96%	0.036%
221	16.739	16.689	16.754	VV	390854	6022760	48.25%	1.822%

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222	16.772	16.754	16.838	VV	474962	5634954	45.14%	1.705%
223	16.864	16.838	16.914	VV	6526	125002	1.00%	0.038%
224	16.955	16.914	16.967	VV	904	28881	0.23%	0.009%
225	17.056	16.967	17.081	PV	17744	335160	2.69%	0.101%
226	17.120	17.081	17.152	VV	403186	5254105	42.09%	1.590%
227	17.199	17.152	17.238	VV	451424	6347652	50.85%	1.921%
228	17.248	17.238	17.303	VV	4110	92975	0.74%	0.028%
229	17.386	17.303	17.401	PV	1484	70817	0.57%	0.021%
230	17.517	17.401	17.544	VV	3805	194525	1.56%	0.059%
231	17.615	17.544	17.624	VV	6306	143168	1.15%	0.043%
232	17.644	17.624	17.668	VV	10137	157285	1.26%	0.048%
233	17.727	17.668	17.741	VV	3237	113509	0.91%	0.034%
234	17.771	17.741	17.796	VV	6032	113316	0.91%	0.034%
235	17.824	17.796	17.846	VV	3343	61733	0.49%	0.019%
236	17.981	17.846	18.017	VV	6416	193049	1.55%	0.058%
237	18.090	18.017	18.124	VV	437579	6314318	50.59%	1.910%
238	18.134	18.124	18.151	VV	1592	14996	0.12%	0.005%
239	18.233	18.151	18.255	PV	8457	242561	1.94%	0.073%
240	18.282	18.255	18.307	VV	6602	177812	1.42%	0.054%
241	18.355	18.307	18.366	VV	5165	156072	1.25%	0.047%
242	18.411	18.366	18.428	VV	8686	261085	2.09%	0.079%
243	18.497	18.428	18.513	VV	371422	5861711	46.96%	1.774%
244	18.533	18.513	18.574	VV	423245	5614912	44.98%	1.699%
245	18.603	18.574	18.637	VV	12359	369265	2.96%	0.112%
246	18.669	18.637	18.684	VV	7328	200817	1.61%	0.061%
247	18.695	18.684	18.707	VV	6475	84514	0.68%	0.026%
248	18.757	18.707	18.798	VV	409124	5816640	46.60%	1.760%
249	18.841	18.798	18.851	VV	9059	255582	2.05%	0.077%
250	18.921	18.851	18.958	VV	429657	6708084	53.74%	2.030%
251	18.981	18.958	18.990	VV	9461	173999	1.39%	0.053%
252	19.019	18.990	19.047	VV	15834	408859	3.28%	0.124%
253	19.071	19.047	19.108	VV	16202	472195	3.78%	0.143%
254	19.210	19.108	19.221	VV	15772	832131	6.67%	0.252%
255	19.315	19.221	19.337	VV	29054	1346063	10.78%	0.407%
256	19.346	19.337	19.380	VV	20374	458251	3.67%	0.139%
257	19.429	19.380	19.483	VV	21021	1111383	8.90%	0.336%
258	19.615	19.483	19.623	VV	28446	1803674	14.45%	0.546%
259	19.707	19.623	19.752	VV	442697	8443884	67.65%	2.555%
260	19.763	19.752	19.779	VV	32032	493069	3.95%	0.149%
261	19.828	19.779	19.838	VV	33323	1095462	8.78%	0.331%
262	19.909	19.838	19.928	VV	43195	1893085	15.17%	0.573%
263	19.970	19.928	19.998	VV	47535	1836062	14.71%	0.556%
264	20.019	19.998	20.038	VV	48558	1091397	8.74%	0.330%
265	20.077	20.038	20.099	VV	53749	1797278	14.40%	0.544%
266	20.122	20.099	20.185	VV	55251	2494316	19.98%	0.755%
267	20.208	20.185	20.238	VV	49491	1508826	12.09%	0.457%
268	20.248	20.238	20.254	VV	46658	448715	3.59%	0.136%
269	20.291	20.254	20.311	VV	58445	1862387	14.92%	0.563%

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270	20.358	20.311	20.374	VV	68873	2384412	19.10%	0.721%
271	20.448	20.374	20.493	VV	474807	10833309	86.79%	3.278%
272	20.573	20.493	20.581	VV	73595	3597256	28.82%	1.088%
273	20.609	20.581	20.618	VV	81826	1692203	13.56%	0.512%
274	20.672	20.618	20.751	VV	96813	6990042	56.00%	2.115%
275	20.758	20.751	20.781	VV	76774	1328345	10.64%	0.402%
276	20.800	20.781	20.830	VV	77869	2130060	17.06%	0.644%
277	20.902	20.830	20.910	VV	83292	3584659	28.72%	1.085%
278	20.919	20.910	20.931	VV	82766	1014220	8.13%	0.307%
279	20.985	20.931	21.100	VV	82505	7184715	57.56%	2.174%
280	21.197	21.100	21.239	VV	399115	10741787	86.05%	3.250%
281	21.248	21.239	21.281	VV	63036	1429605	11.45%	0.433%
282	21.292	21.281	21.329	VV	51765	1335317	10.70%	0.404%
283	21.349	21.329	21.398	VV	45547	1745722	13.99%	0.528%
284	21.409	21.398	21.425	VV	39753	612675	4.91%	0.185%
285	21.436	21.425	21.448	VV	38300	531413	4.26%	0.161%
286	21.527	21.448	21.552	VV	52345	2787586	22.33%	0.843%
287	21.565	21.552	21.596	VV	51619	1242117	9.95%	0.376%
288	21.625	21.596	21.688	VV	45225	1848846	14.81%	0.559%
289	21.698	21.688	21.724	VV	19960	375288	3.01%	0.114%
290	21.764	21.724	21.777	VV	24641	621825	4.98%	0.188%
291	21.800	21.777	21.830	VV	24749	710860	5.69%	0.215%
292	21.892	21.830	21.904	VV	34617	1210682	9.70%	0.366%
293	21.915	21.904	21.939	VV	32628	634505	5.08%	0.192%
294	21.970	21.939	21.981	VV	30961	726699	5.82%	0.220%
295	22.002	21.981	22.013	VV	29657	562258	4.50%	0.170%
296	22.018	22.013	22.068	VV	29521	725580	5.81%	0.220%
297	22.128	22.068	22.194	VV	261618	6653397	53.30%	2.013%
					Sum of corrected areas:		330513642	

Aliphatic EPH 061723.M Tue Jun 20 15:38:15 2023