

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102723\
 Data File : PD079198.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Oct 2023 11:50
 Operator : AR\AJ
 Sample : 04699-03
 Misc : PEST MDL 1PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-03-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/30/2023
 Supervised By :mohammad ahmed 10/30/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 27 22:06:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.570	2.806	28528222	42746127	17.669	18.463
28)	SA Decachlor...	9.117	7.955	37650263	48271388	18.769	19.804
Target Compounds							
2)	A alpha-BHC	4.027	3.309	2547799	3579166	0.957	1.032
3)	MA gamma-BHC...	4.360	3.640	2449135	3537191	0.942	1.042
4)	MA Heptachlor	4.953	3.983	3085083	3467747	1.153	1.135
5)	MB Aldrin	5.296	4.264	2826683	3375140	1.097	1.032
6)	B beta-BHC	4.553	3.933	1221722	1617585	1.140	1.148m
7)	B delta-BHC	4.802	4.166	3135457	3515660	1.171	1.050
8)	B Heptachlo...	5.723	4.766	2779493	3359979	1.186	1.133
9)	A Endosulfan I	6.110	5.136	2586978	3038356	1.193	1.148
10)	B gamma-Chl...	5.979	5.016	2705567	3243392	1.180	1.130
11)	B alpha-Chl...	6.059	5.080	2714239	3263348	1.190	1.137
12)	B 4,4'-DDE	6.229	5.269	2292699	2868812	1.085	1.078
13)	MA Dieldrin	6.385	5.400	2594185	3141959	1.114	1.058
14)	MA Endrin	6.616	5.675	2017852	2846256	1.036	1.112
15)	B Endosulfa...	6.833	5.968	2426281	2881226	1.190	1.154
16)	A 4,4'-DDD	6.746	5.823	1922077	2610005	1.093	1.143
17)	MA 4,4'-DDT	7.062	6.075	1961325	2215745	1.036	0.968
18)	B Endrin al...	6.963	6.148	1735623	2208463	1.124	1.188
19)	B Endosulfa...	7.197	6.370	2487326	2874317	1.251	1.231
20)	A Methoxychlor	7.536	6.650	1262617	1489674	1.152	1.097
21)	B Endrin ke...	7.683	6.877	2688873	3187294	1.233m	1.140
22)	Mirex	8.161	7.062	2227836	2825579	1.316	1.323

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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