

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062425\
 Data File : PD089103.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jun 2025 13:23
 Operator : AR\AJ
 Sample : Q2126-02
 Misc : PEST LOQ 5PPB SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/25/2025
 Supervised By : mohammad ahmed 06/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 25 01:51:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 2025
 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 x 0.5 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...	3.550	2.881	45534496	294.5E6	15.959	17.369
28)	SA Decachlor...	9.072	8.072	69394224	350.4E6	17.668	17.724
Target Compounds							
2)	A alpha-BHC	3.999	3.393	21166002	125.0E6	3.631	4.665 #
3)	MA gamma-BHC...	4.328	3.730	21427844	117.3E6	3.839m	4.739
4)	MA Heptachlor	4.929	4.083	22318134	118.1E6	4.094	4.717
5)	MB Aldrin	5.270	4.369	21727697	115.2E6	4.090	4.758
6)	B beta-BHC	4.515	4.025	10330561	54911282	4.681	5.110
7)	B delta-BHC	4.762	4.262	22446182	119.2E6	4.373m	4.791
8)	B Heptachlo...	5.690	4.872	21247610	110.0E6	4.405	5.023
9)	A Endosulfan I	6.074	5.246	20188172	107.1E6	4.479	5.140
10)	B gamma-Chl...	5.945	5.124	20890410	117.9E6	4.363	4.929m
11)	B alpha-Chl...	6.026	5.188	21410894	112.5E6	4.425	4.915m
12)	B 4,4'-DDE	6.195	5.374	17936362	112.0E6	4.113	4.889
13)	MA Dieldrin	6.346	5.512	20569002	115.0E6	4.287	4.955
14)	MA Endrin	6.574	5.789	16532810	104.5E6	4.007	4.815
15)	B Endosulfa...	6.785	6.080	18731057	101.1E6	4.640	5.005
16)	A 4,4'-DDD	6.704	5.929	14505146	95747696	4.226	5.005
17)	MA 4,4'-DDT	7.020	6.183	15040996	86782837	3.970	4.279
18)	B Endrin al...	6.914	6.258	14556845	78070961	4.751	5.099
19)	B Endosulfa...	7.148	6.482	17498619	98312564	4.560	5.011
20)	A Methoxychlor	7.492	6.754	8385429	48164319	4.150	4.473
21)	B Endrin ke...	7.629	6.991	18294975	110.7E6	4.492	5.125
22)	Mirex	8.113	7.185	14859762	83963673	4.888	5.034

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

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