

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112025\
 Data File : PD091322.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Nov 2025 19:09
 Operator : AR\AJ
 Sample : Q3681-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ETGI-354MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 22:50:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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 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...	3.540	2.871	38009718	469.0E6	11.022m	12.804m
28)	SA Decachlor...	9.059	8.056	62889583	506.9E6	12.624	12.808
Target Compounds							
2)	A alpha-BHC	3.991	3.383	358.6E6	2504.3E6	44.851	39.623
3)	MA gamma-BHC...	4.320	3.719	346.0E6	2590.6E6	46.298m	44.803
4)	MA Heptachlor	4.918	4.071	327.2E6	2580.8E6	45.689	46.745
5)	MB Aldrin	5.259	4.356	340.8E6	2659.5E6	46.962	47.106
6)	B beta-BHC	4.509	4.016	118.1E6	1183.8E6	40.632	49.271
7)	B delta-BHC	4.756	4.251	348.9E6	2748.1E6	46.943m	46.995
8)	B Heptachlo...	5.680	4.860	299.3E6	2480.5E6	46.075	48.677
9)	A Endosulfan I	6.063	5.234	289.3E6	2182.4E6	47.101	45.608
10)	B gamma-Chl...	5.934	5.112	302.8E6	2793.0E6	46.585m	51.127
11)	B alpha-Chl...	6.016	5.176	307.9E6	2588.1E6	44.740	49.456
12)	B 4,4'-DDE	6.186	5.361	268.2E6	2600.3E6	46.242	48.656
13)	MA Dieldrin	6.336	5.499	321.2E6	2802.3E6	49.677	51.597
14)	MA Endrin	6.564	5.776	252.9E6	2378.9E6	50.956	52.640
15)	B Endosulfa...	6.776	6.067	253.3E6	2309.8E6	45.560	49.482
16)	A 4,4'-DDD	6.696	5.916	222.0E6	2153.8E6	45.197	44.074
17)	MA 4,4'-DDT	7.011	6.169	208.7E6	2130.5E6	50.477	54.444
18)	B Endrin al...	6.905	6.246	188.4E6	1704.2E6	45.226	48.293
19)	B Endosulfa...	7.140	6.469	237.0E6	2213.9E6	46.059	49.378
20)	A Methoxychlor	7.484	6.739	107.4E6	1028.1E6	49.375	51.276
21)	B Endrin ke...	7.621	6.977	260.6E6	2411.6E6	46.252	47.327
22)	Mirex	8.101	7.170	163.1E6	1578.4E6	45.850m	47.629

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

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