

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
 Data File : PD091013.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Nov 2025 19:10
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 07 00:30:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.543	2.873	146.3E6	1444.8E6	46.980	48.520
28)	SA Decachlor...	9.061	8.058	206.5E6	1515.7E6	44.136	50.037
Target Compounds							
2)	A alpha-BHC	3.992	3.385	351.4E6	2507.9E6	48.958	49.083
3)	MA gamma-BHC...	4.323	3.721	327.7E6	2303.4E6	48.205	48.750
4)	MA Heptachlor	4.920	4.072	322.7E6	2242.7E6	57.736	50.281
5)	MB Aldrin	5.262	4.358	312.4E6	2231.5E6	47.722	48.177
6)	B beta-BHC	4.510	4.017	123.4E6	948.9E6	47.120	47.853
7)	B delta-BHC	4.759	4.253	328.5E6	2327.0E6	48.580	48.768
8)	B Heptachlo...	5.682	4.861	281.0E6	2001.4E6	48.534	46.937
9)	A Endosulfan I	6.066	5.236	263.1E6	1807.3E6	47.525	45.881
10)	B gamma-Chl...	5.937	5.114	279.4E6	2148.7E6	47.104	47.804
11)	B alpha-Chl...	6.018	5.179	284.6E6	2057.2E6	46.047	47.689
12)	B 4,4'-DDE	6.188	5.363	249.1E6	2114.2E6	46.764	48.228
13)	MA Dieldrin	6.338	5.501	281.5E6	2137.0E6	48.280	48.367
14)	MA Endrin	6.566	5.778	236.9E6	1962.5E6	47.813	48.463
15)	B Endosulfa...	6.779	6.069	241.4E6	1827.3E6	48.290	48.656
16)	A 4,4'-DDD	6.698	5.917	207.2E6	1807.1E6	51.112	49.594
17)	MA 4,4'-DDT	7.013	6.171	203.8E6	1715.8E6	49.591	48.921
18)	B Endrin al...	6.908	6.247	176.7E6	1354.3E6	48.236	48.905
19)	B Endosulfa...	7.142	6.471	221.4E6	1754.6E6	47.728	48.950
20)	A Methoxychlor	7.486	6.742	105.0E6	862.1E6	49.405	49.467
21)	B Endrin ke...	7.623	6.978	245.5E6	1976.9E6	50.520	52.413m
22)	Mirex	8.104	7.172	152.4E6	1287.7E6	47.617	50.122

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD091013.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 19:10
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

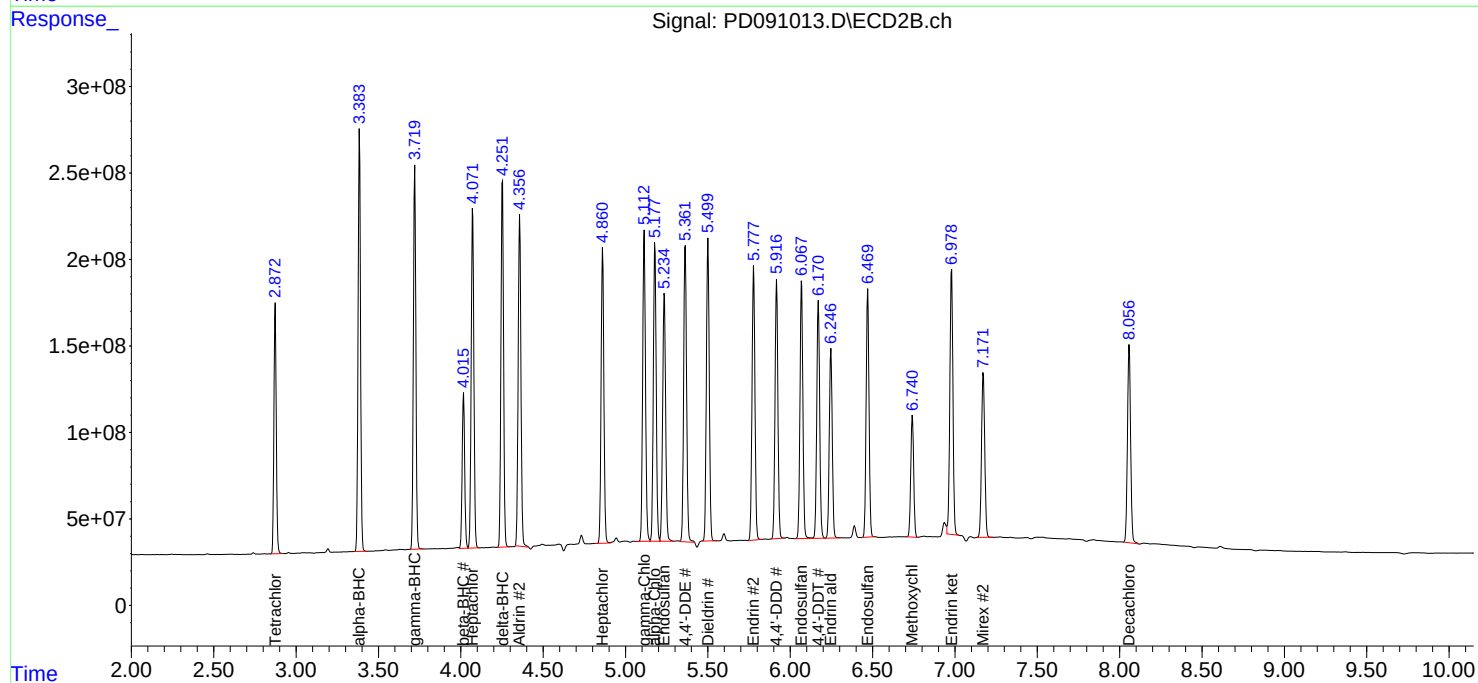
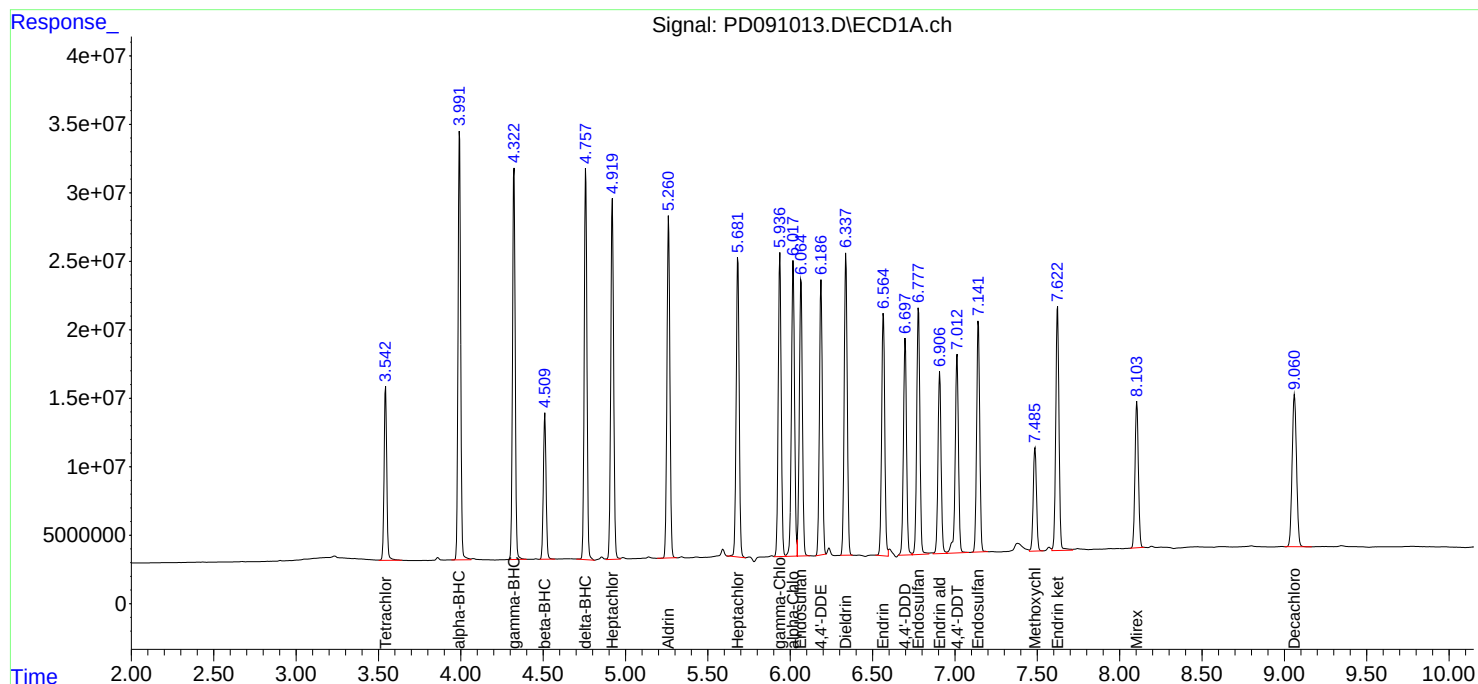
Manual Integrations

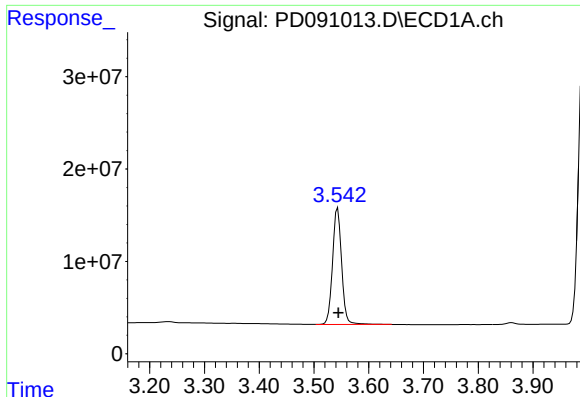
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:30:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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





#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 146303986
Conc: 46.98 ng/ml

Instrument :

ECD_D

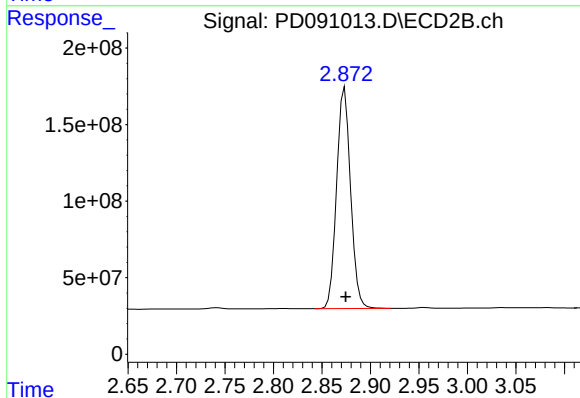
ClientSampleId :

PSTDCCC050

Manual Integrations

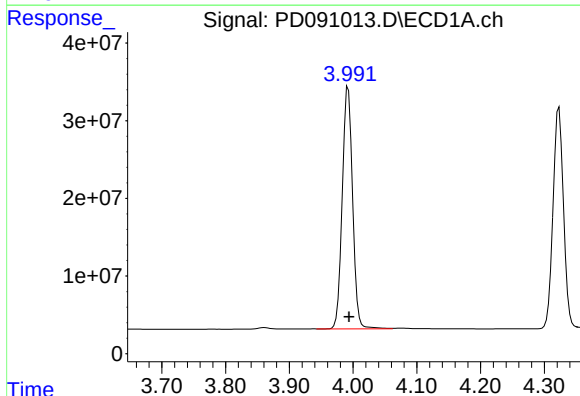
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



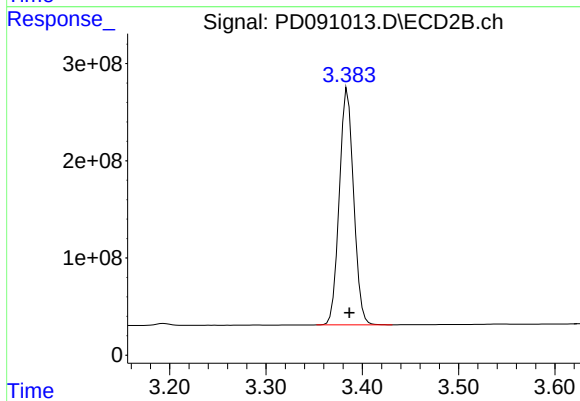
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.001 min
Response: 1444777357
Conc: 48.52 ng/ml



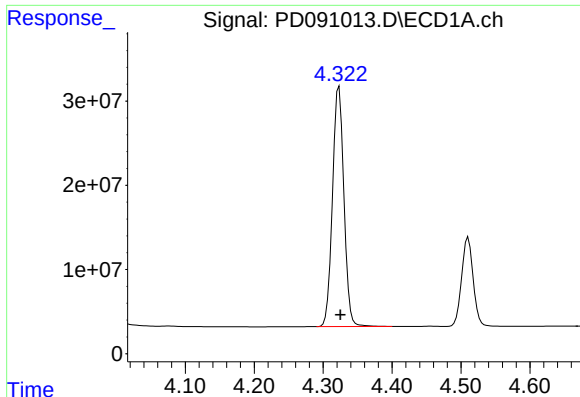
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 351375379
Conc: 48.96 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.002 min
Response: 2507933596
Conc: 49.08 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 327734002
Conc: 48.20 ng/ml

Instrument :

ECD_D

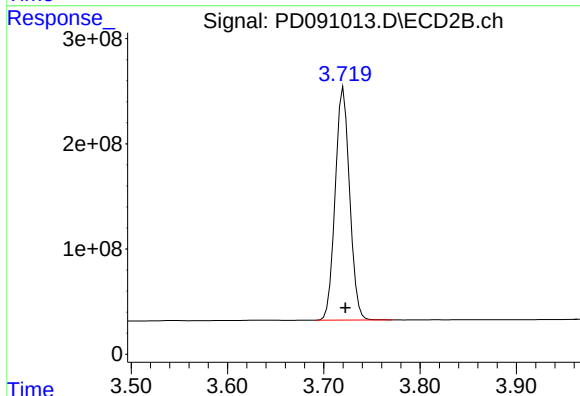
ClientSampleId :

PSTDCCC050

Manual Integrations

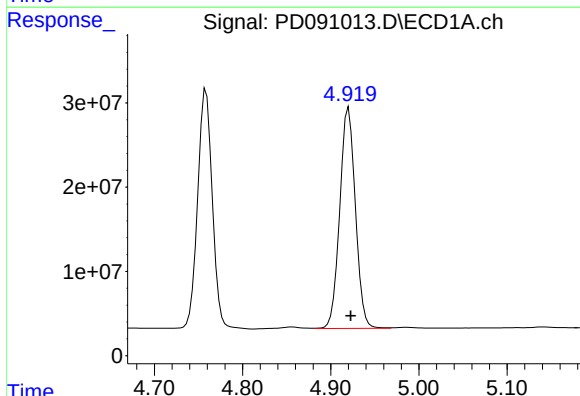
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



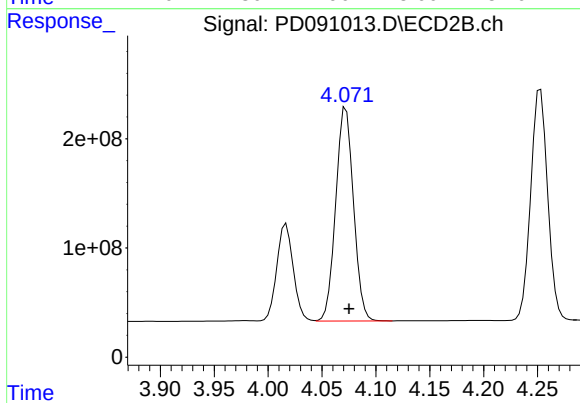
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.002 min
Response: 2303400647
Conc: 48.75 ng/ml



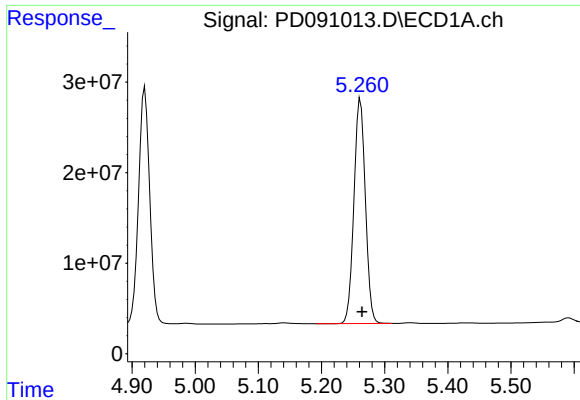
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: -0.002 min
Response: 322716399
Conc: 57.74 ng/ml



#4 Heptachlor

R.T.: 4.072 min
Delta R.T.: -0.003 min
Response: 2242669759
Conc: 50.28 ng/ml



#5 Aldrin

R.T.: 5.262 min
Delta R.T.: -0.003 min
Response: 312445777
Conc: 47.72 ng/ml

Instrument :

ECD_D

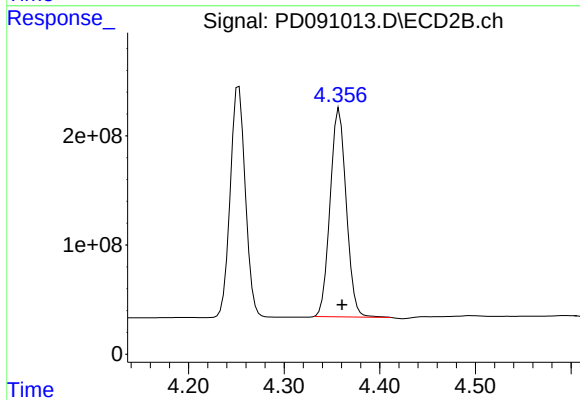
ClientSampleId :

PSTDCCC050

Manual Integrations

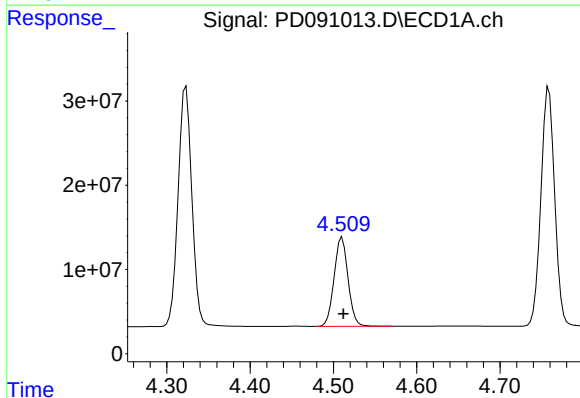
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



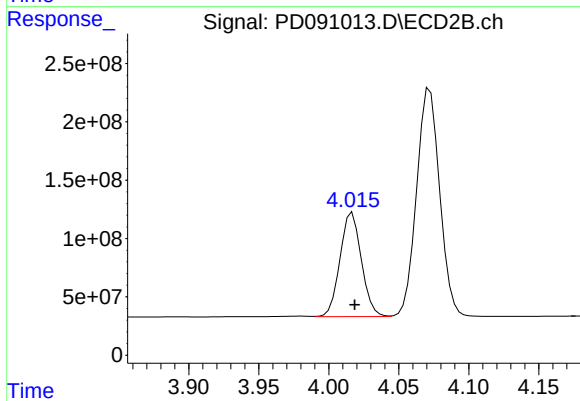
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: -0.003 min
Response: 2231497100
Conc: 48.18 ng/ml



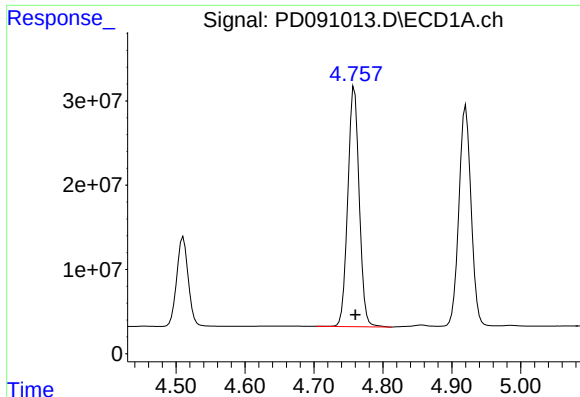
#6 beta-BHC

R.T.: 4.510 min
Delta R.T.: -0.002 min
Response: 123438035
Conc: 47.12 ng/ml



#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 948900631
Conc: 47.85 ng/ml



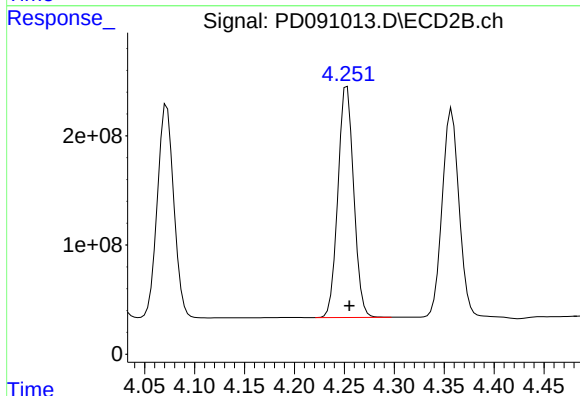
#7 delta-BHC

R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 328486430
Conc: 48.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

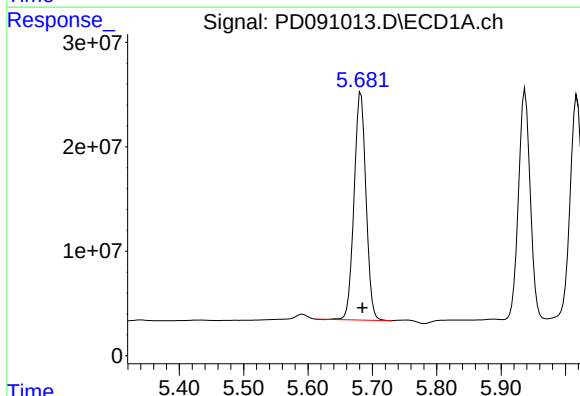
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



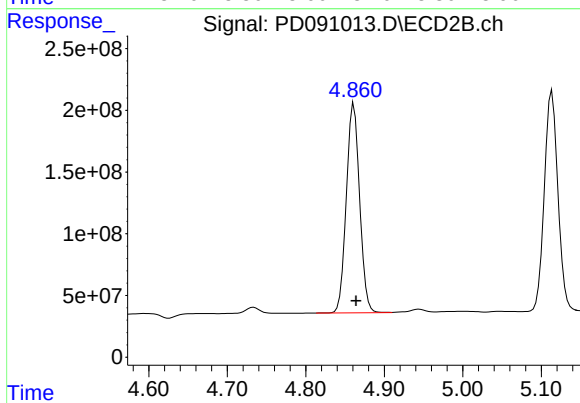
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 2327041606
Conc: 48.77 ng/ml



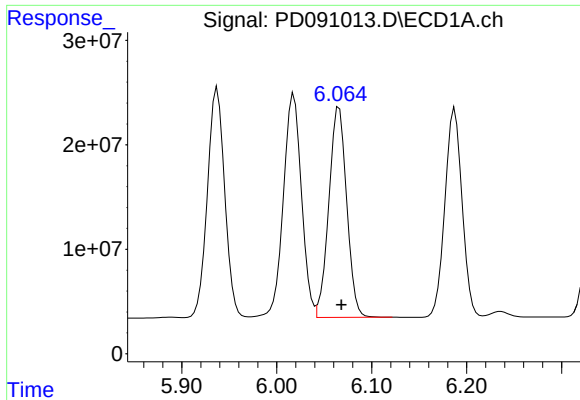
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.002 min
Response: 280969100
Conc: 48.53 ng/ml



#8 Heptachlor epoxide

R.T.: 4.861 min
Delta R.T.: -0.003 min
Response: 2001356224
Conc: 46.94 ng/ml



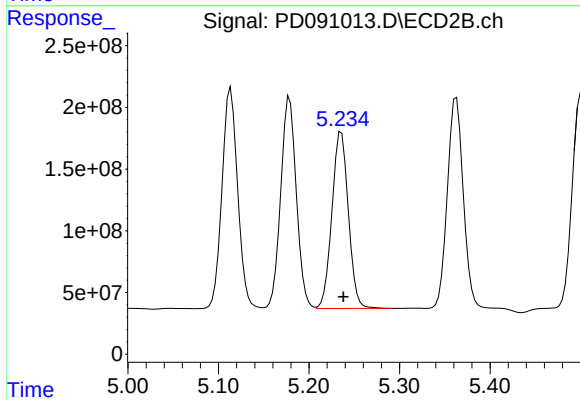
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.002 min
Response: 263129592
Conc: 47.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

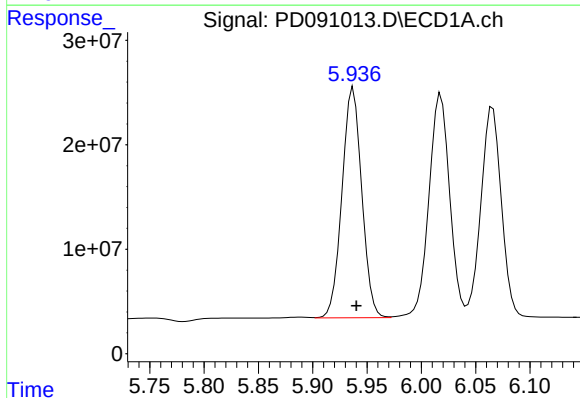
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



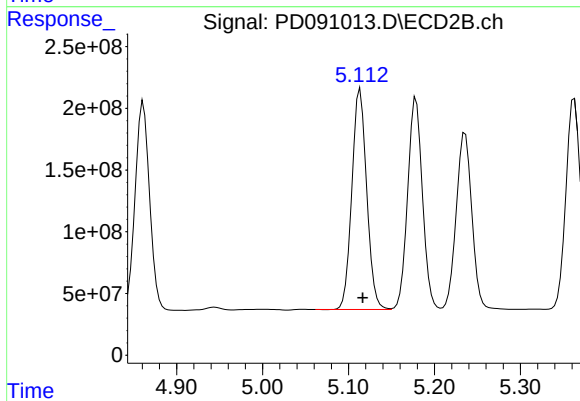
#9 Endosulfan I

R.T.: 5.236 min
Delta R.T.: -0.002 min
Response: 1807255114
Conc: 45.88 ng/ml



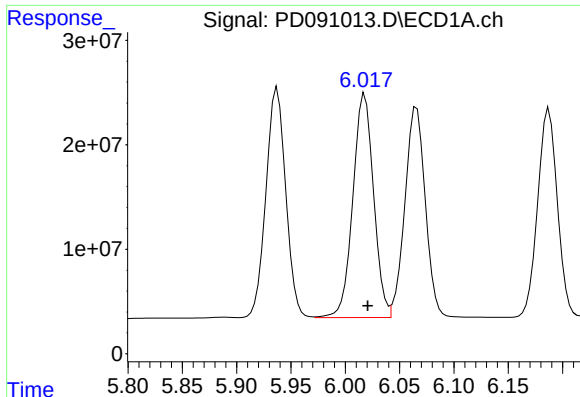
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.003 min
Response: 279385103
Conc: 47.10 ng/ml



#10 gamma-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.003 min
Response: 2148729711
Conc: 47.80 ng/ml



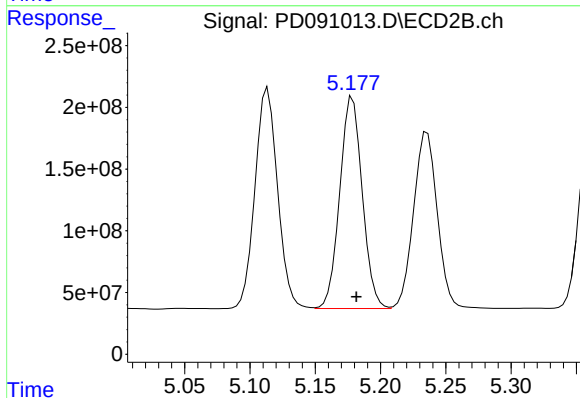
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: -0.002 min
Response: 284581231
Conc: 46.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

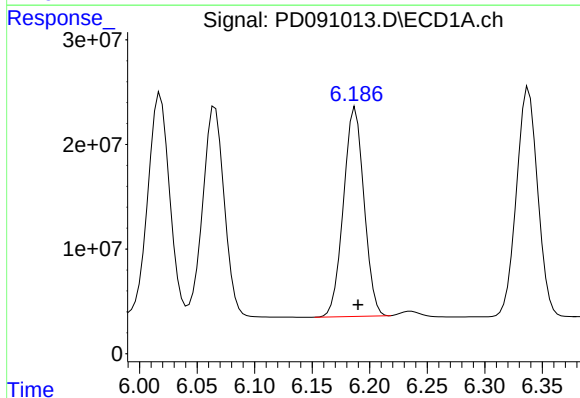
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



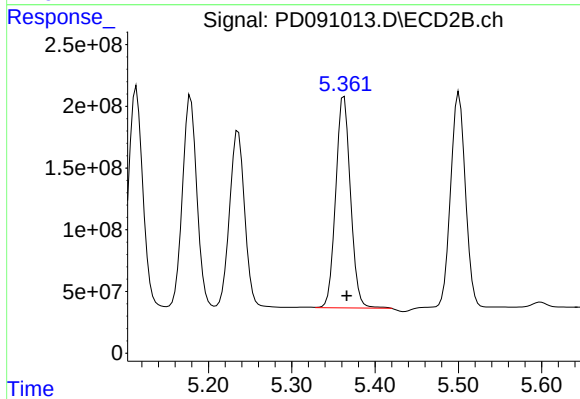
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: -0.003 min
Response: 2057188452
Conc: 47.69 ng/ml



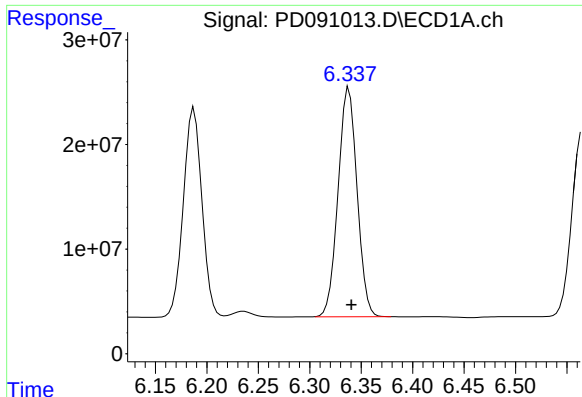
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.002 min
Response: 249093209
Conc: 46.76 ng/ml



#12 4,4'-DDE

R.T.: 5.363 min
Delta R.T.: -0.003 min
Response: 2114211341
Conc: 48.23 ng/ml



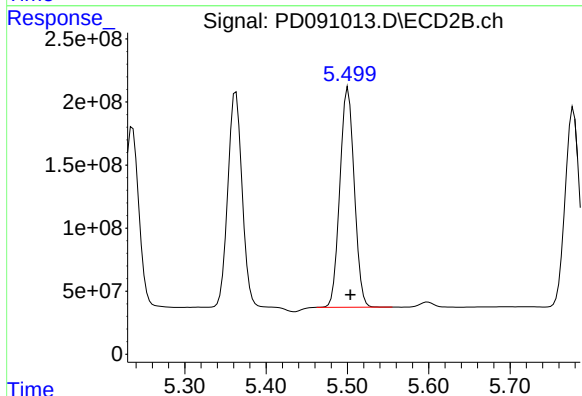
#13 Dieldrin

R.T.: 6.338 min
Delta R.T.: -0.002 min
Response: 281539884
Conc: 48.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

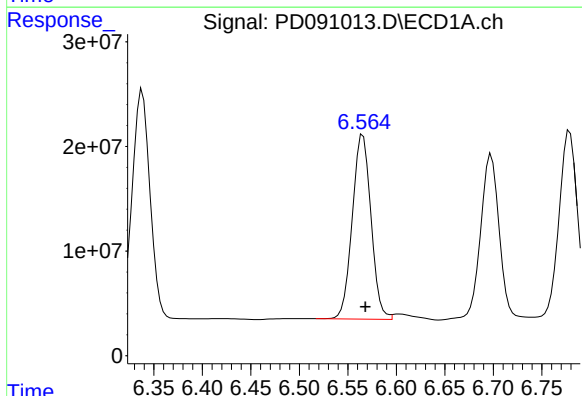
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



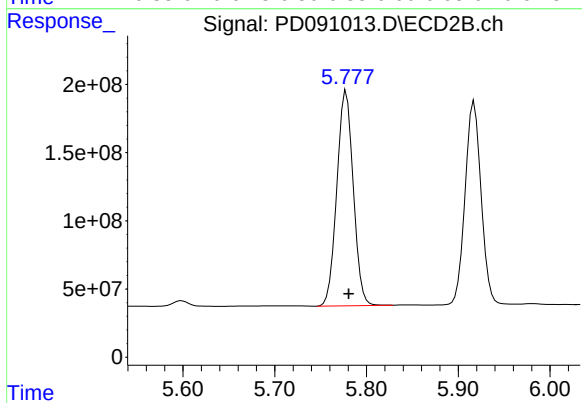
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: -0.003 min
Response: 2137049805
Conc: 48.37 ng/ml



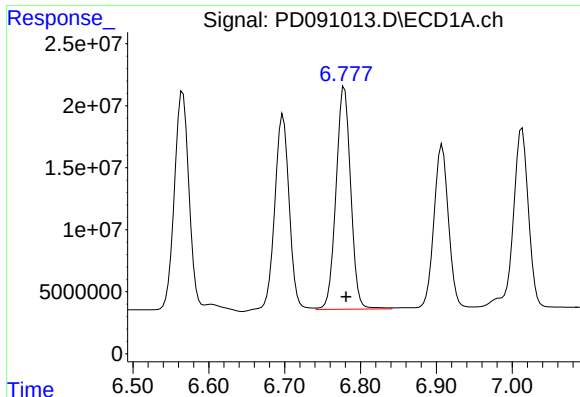
#14 Endrin

R.T.: 6.566 min
Delta R.T.: -0.003 min
Response: 236850870
Conc: 47.81 ng/ml



#14 Endrin

R.T.: 5.778 min
Delta R.T.: -0.003 min
Response: 1962450821
Conc: 48.46 ng/ml



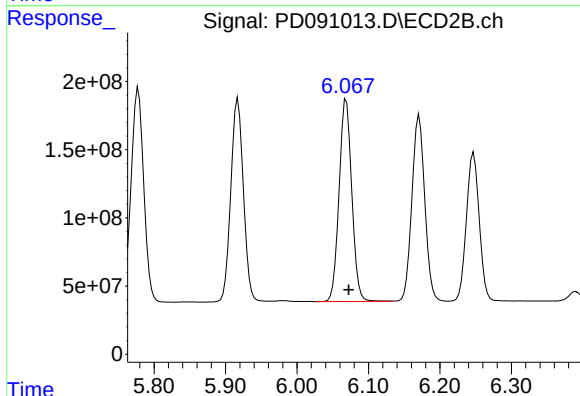
#15 Endosulfan II

R.T.: 6.779 min
Delta R.T.: -0.002 min
Response: 241449419
Conc: 48.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

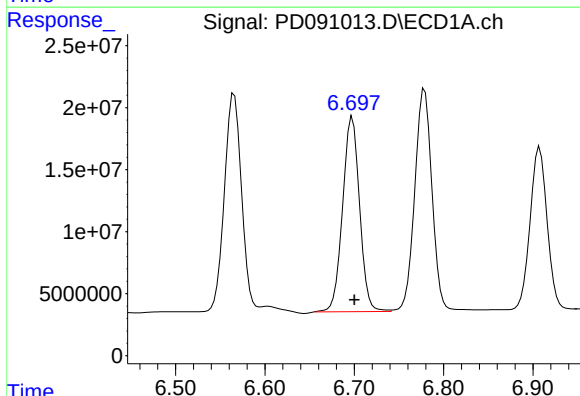
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



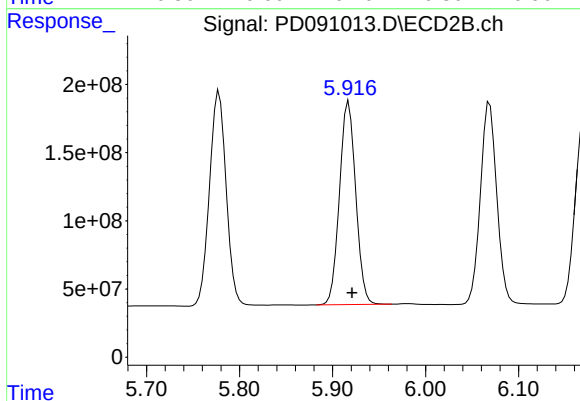
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: -0.003 min
Response: 1827293046
Conc: 48.66 ng/ml



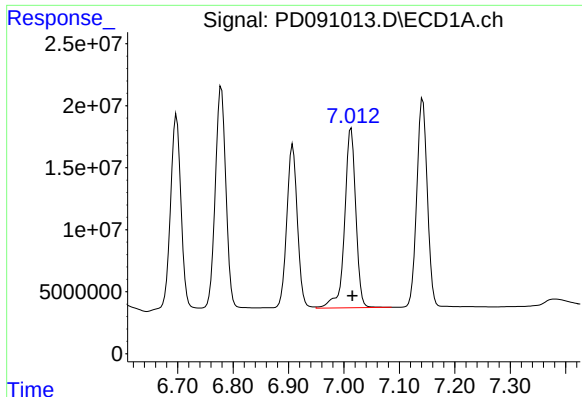
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: -0.002 min
Response: 207218668
Conc: 51.11 ng/ml



#16 4,4'-DDD

R.T.: 5.917 min
Delta R.T.: -0.003 min
Response: 1807116724
Conc: 49.59 ng/ml



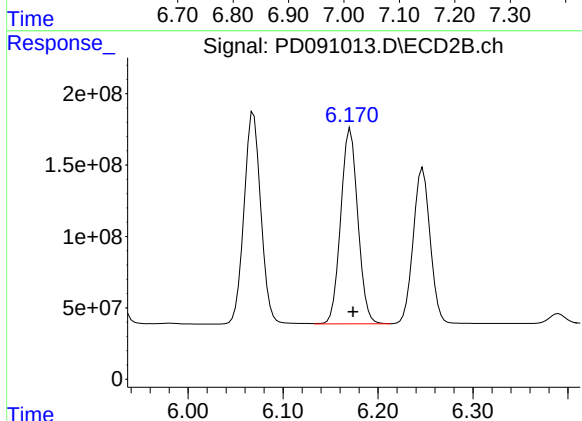
#17 4,4'-DDT

R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 203843984
Conc: 49.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

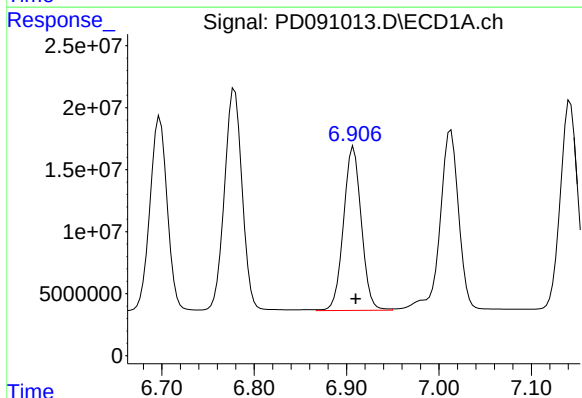
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



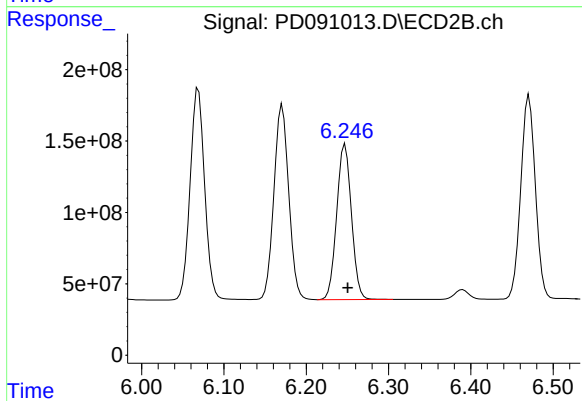
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: -0.003 min
Response: 1715808667
Conc: 48.92 ng/ml



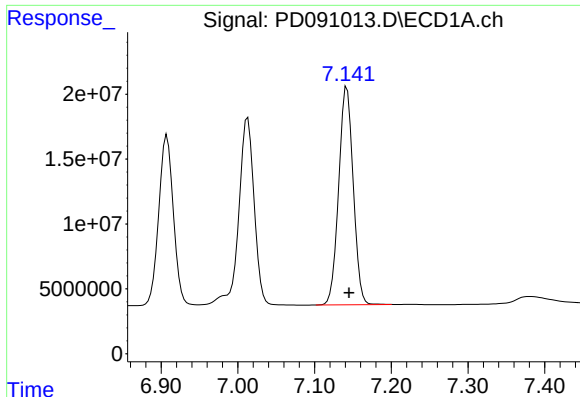
#18 Endrin aldehyde

R.T.: 6.908 min
Delta R.T.: -0.002 min
Response: 176672895
Conc: 48.24 ng/ml



#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: -0.003 min
Response: 1354322968
Conc: 48.91 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.142 min
Delta R.T.: -0.003 min
Response: 221373676
Conc: 47.73 ng/ml

Instrument :

ECD_D

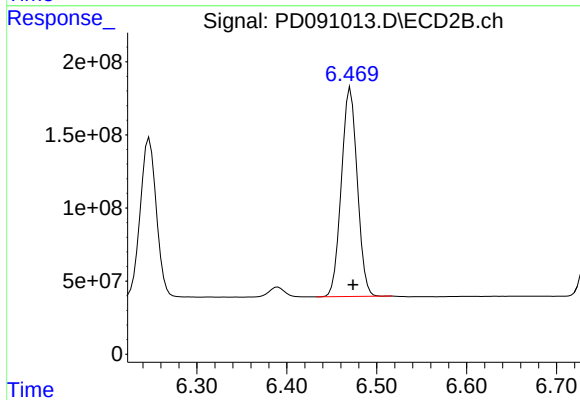
ClientSampleId :

PSTDCCC050

Manual Integrations

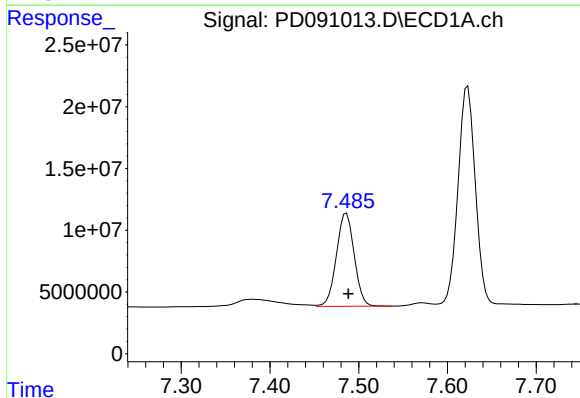
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



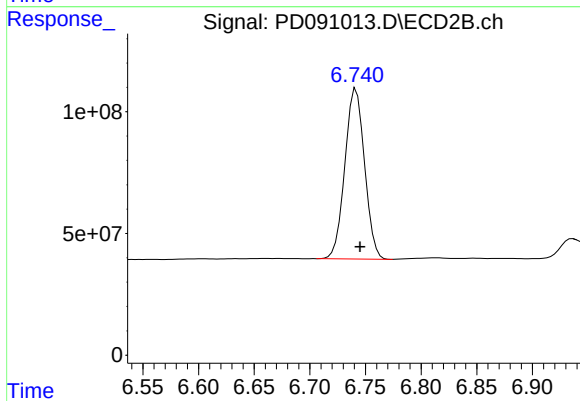
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 1754612047
Conc: 48.95 ng/ml



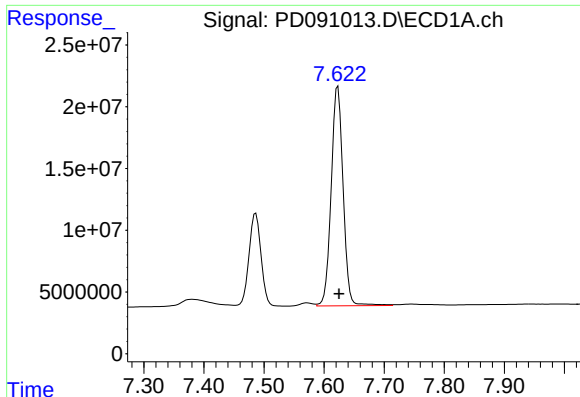
#20 Methoxychlor

R.T.: 7.486 min
Delta R.T.: -0.002 min
Response: 105014464
Conc: 49.40 ng/ml



#20 Methoxychlor

R.T.: 6.742 min
Delta R.T.: -0.004 min
Response: 862109440
Conc: 49.47 ng/ml



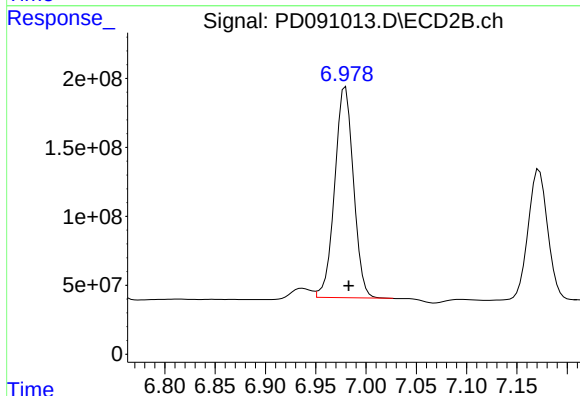
#21 Endrin ketone

R.T.: 7.623 min
Delta R.T.: -0.002 min
Response: 245471060
Conc: 50.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

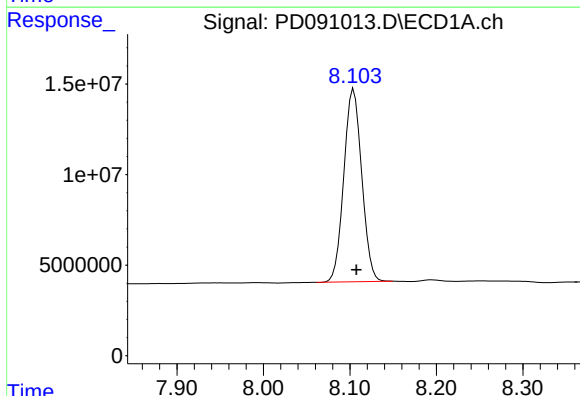
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



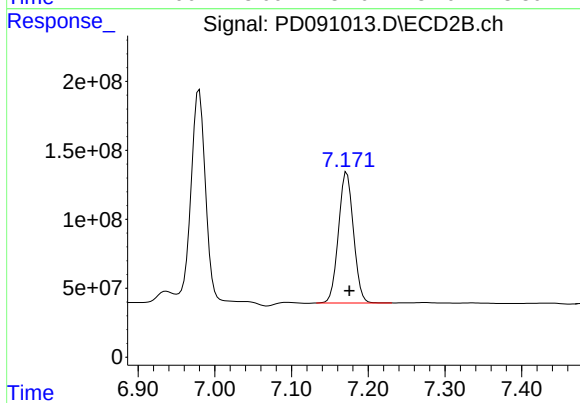
#21 Endrin ketone

R.T.: 6.978 min
Delta R.T.: -0.004 min
Response: 1976916776
Conc: 52.41 ng/ml m



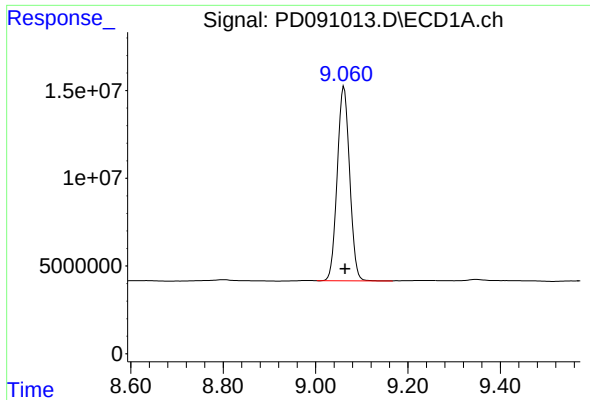
#22 Mirex

R.T.: 8.104 min
Delta R.T.: -0.003 min
Response: 152414859
Conc: 47.62 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: -0.003 min
Response: 1287681294
Conc: 50.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: -0.003 min
Response: 206467223
Conc: 44.14 ng/ml

Instrument :

ECD_D

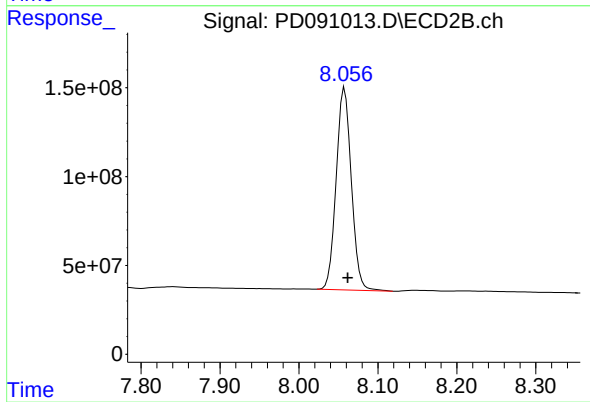
ClientSampleId :

PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 1515673878
Conc: 50.04 ng/ml