

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100425\
 Data File : PD090507.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2025 13:13
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2025
 Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:26:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 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...	3.550	2.874	152.9E6	1248.6E6	47.040	45.485
28)	SA Decachlor...	9.069	8.062	241.0E6	1531.1E6	49.946	47.236
Target Compounds							
2)	A alpha-BHC	3.999	3.386	380.6E6	2168.2E6	54.498	49.522
3)	MA gamma-BHC...	4.330	3.722	356.3E6	2010.8E6	53.846	49.362
4)	MA Heptachlor	4.928	4.074	363.3E6	2025.0E6	54.943	49.734
5)	MB Aldrin	5.269	4.360	347.7E6	1981.0E6	54.750	49.607
6)	B beta-BHC	4.517	4.018	132.8E6	833.9E6	51.487	48.106
7)	B delta-BHC	4.764	4.255	354.5E6	2032.4E6	54.903m	49.216
8)	B Heptachlo...	5.689	4.864	309.6E6	1851.6E6	54.182	50.226
9)	A Endosulfan I	6.073	5.238	287.1E6	1707.3E6	53.143	49.337
10)	B gamma-Chl...	5.944	5.116	308.7E6	1938.5E6	54.053	49.342
11)	B alpha-Chl...	6.023	5.181	327.7E6	1856.8E6	56.887m	49.296
12)	B 4,4'-DDE	6.194	5.366	283.1E6	1887.5E6	54.361	49.310
13)	MA Dieldrin	6.345	5.504	318.4E6	1933.5E6	55.234	49.646
14)	MA Endrin	6.572	5.780	272.2E6	1767.5E6	55.611	49.326
15)	B Endosulfa...	6.785	6.072	272.7E6	1679.2E6	55.897	49.752
16)	A 4,4'-DDD	6.704	5.921	226.2E6	1578.3E6	55.202	48.672
17)	MA 4,4'-DDT	7.019	6.174	249.6E6	1695.2E6	56.061	49.310
18)	B Endrin al...	6.913	6.250	199.9E6	1255.0E6	58.284	53.299
19)	B Endosulfa...	7.148	6.473	254.0E6	1643.0E6	55.208	50.258
20)	A Methoxychlor	7.492	6.745	128.8E6	852.9E6	54.667	49.016
21)	B Endrin ke...	7.629	6.983	274.4E6	1750.3E6	55.458	48.482
22)	Mirex	8.111	7.175	182.7E6	1210.6E6	49.316	43.853

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100425\
Data File : PD090507.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2025 13:13
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

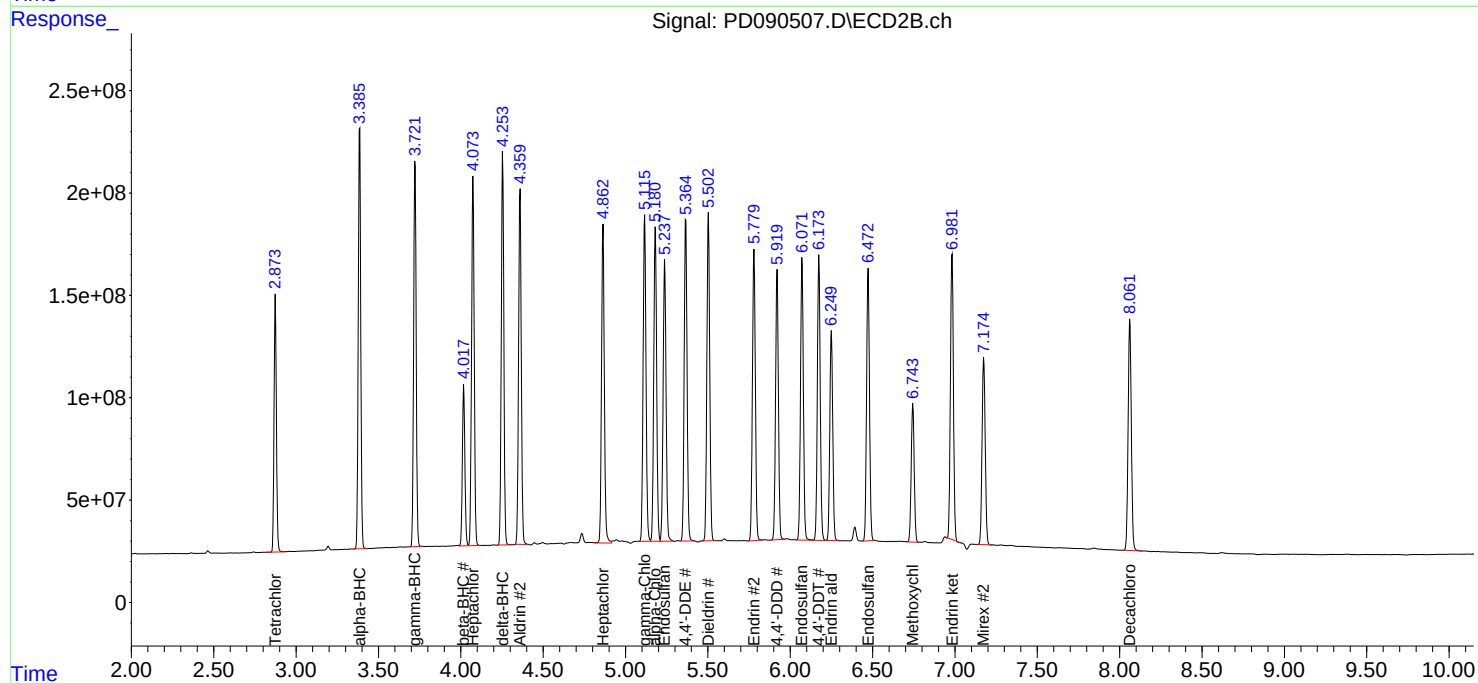
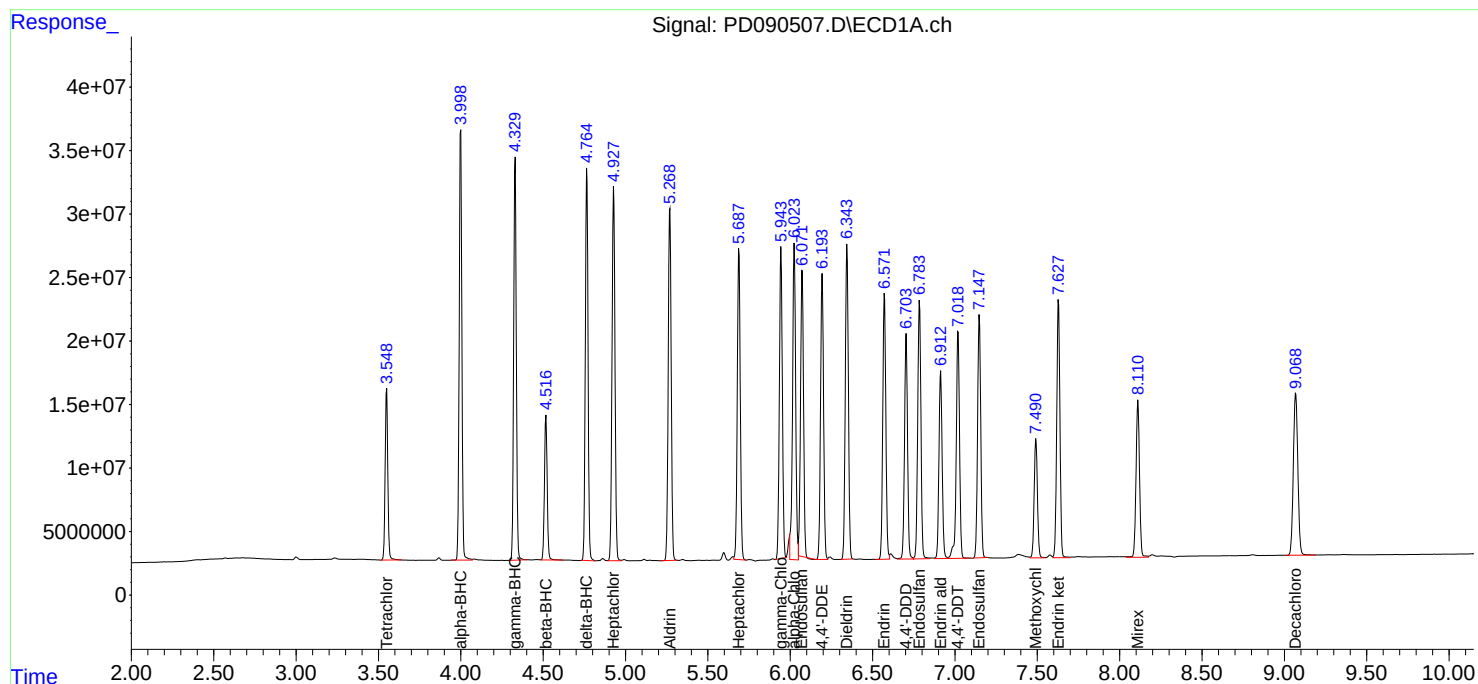
APPROVED

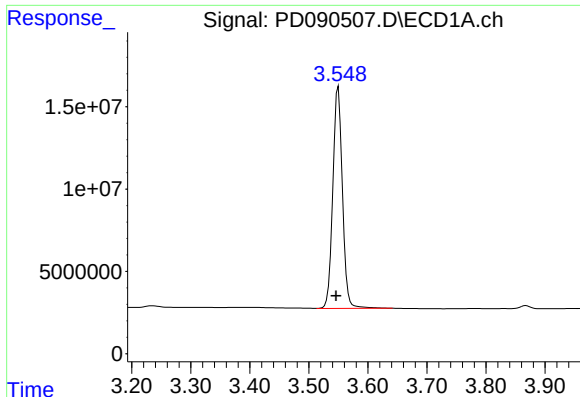
Reviewed By :Yogesh Patel 10/06/2025

Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 01:26:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 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





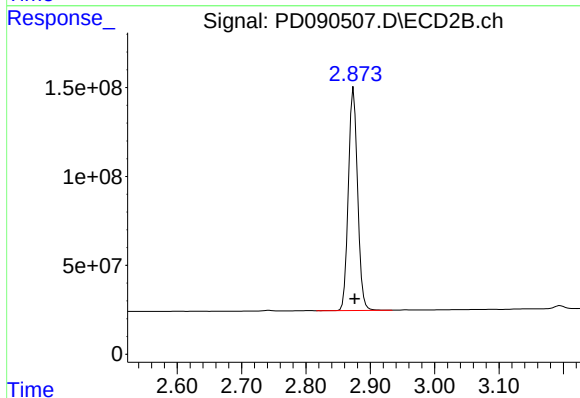
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.004 min
Response: 152900453
Conc: 47.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

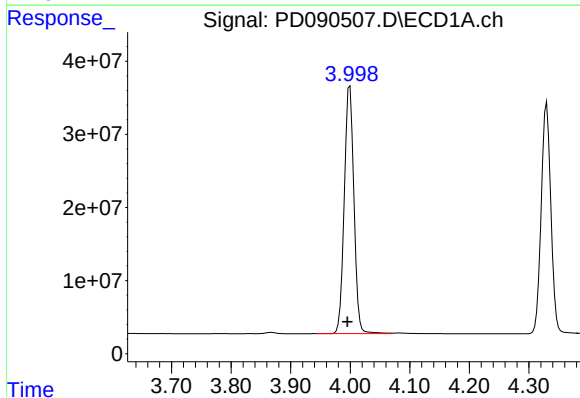
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2025
Supervised By :mohammad ahmed 10/06/2025



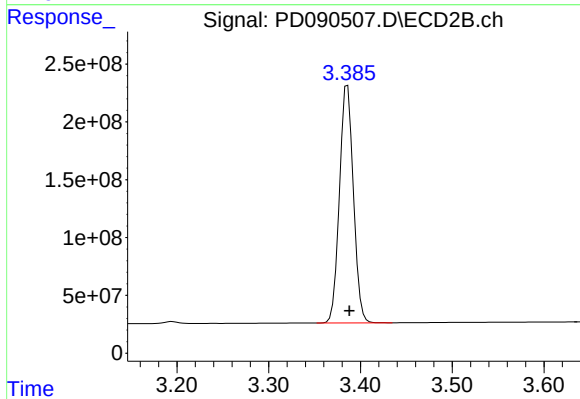
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.002 min
Response: 1248550770
Conc: 45.48 ng/ml



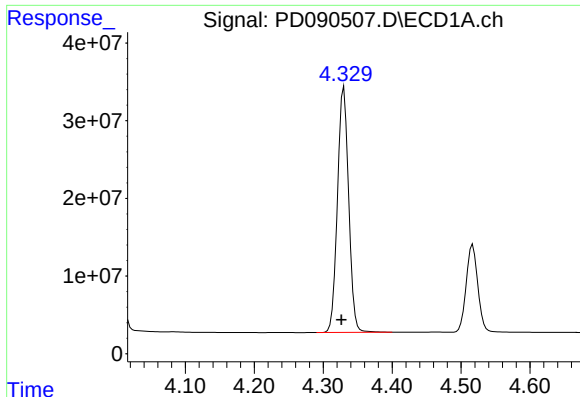
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.004 min
Response: 380643112
Conc: 54.50 ng/ml



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: -0.002 min
Response: 2168221361
Conc: 49.52 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.004 min
Response: 356293370
Conc: 53.85 ng/ml

Instrument :

ECD_D

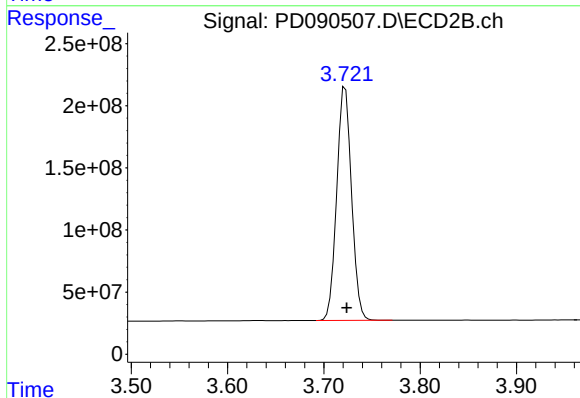
ClientSampleId :

PSTDCCC050

Manual Integrations

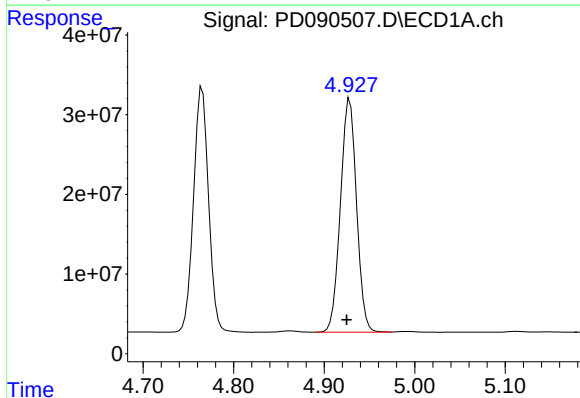
APPROVED

Reviewed By :Yogesh Patel 10/06/2025
Supervised By :mohammad ahmed 10/06/2025



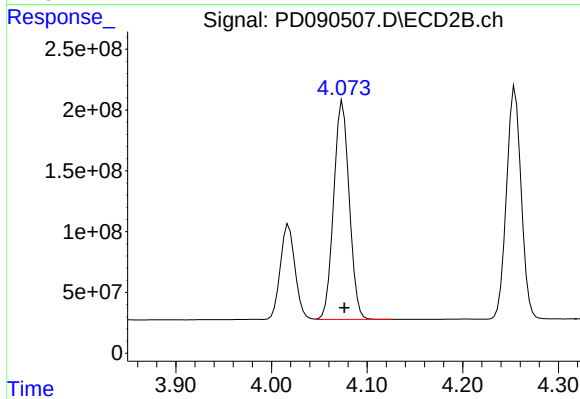
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: -0.002 min
Response: 2010794440
Conc: 49.36 ng/ml



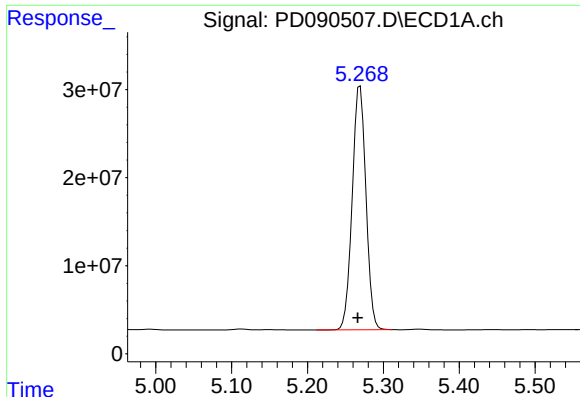
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.003 min
Response: 363317359
Conc: 54.94 ng/ml



#4 Heptachlor

R.T.: 4.074 min
Delta R.T.: -0.002 min
Response: 2024990576
Conc: 49.73 ng/ml



#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.003 min
Response: 347658127
Conc: 54.75 ng/ml

Instrument :

ECD_D

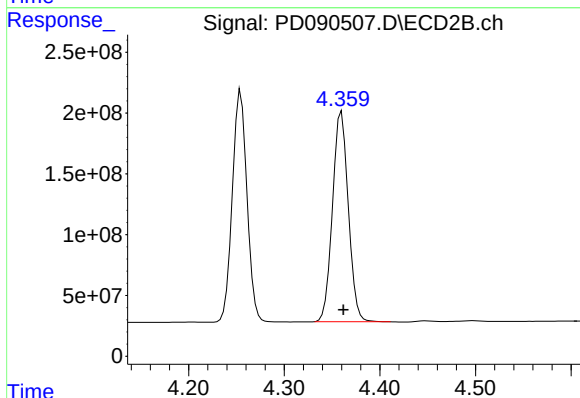
ClientSampleId :

PSTDCCC050

Manual Integrations

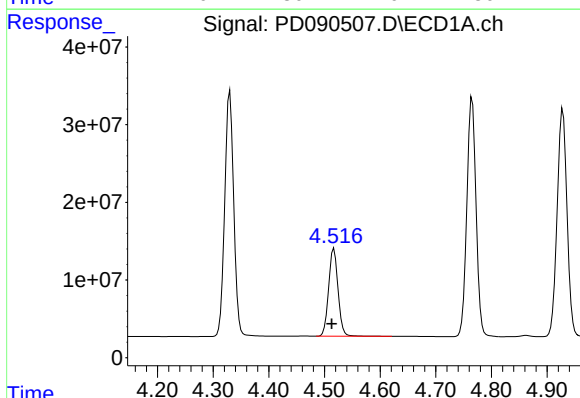
APPROVED

Reviewed By :Yogesh Patel 10/06/2025
Supervised By :mohammad ahmed 10/06/2025



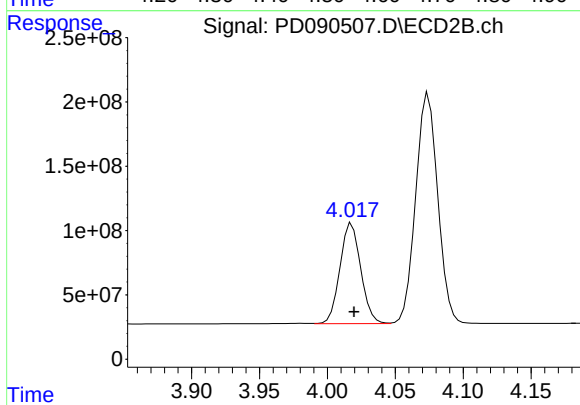
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: -0.002 min
Response: 1981037816
Conc: 49.61 ng/ml



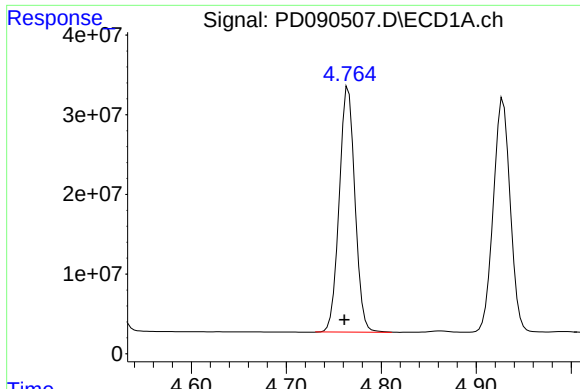
#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.004 min
Response: 132833128
Conc: 51.49 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: -0.002 min
Response: 833932583
Conc: 48.11 ng/ml



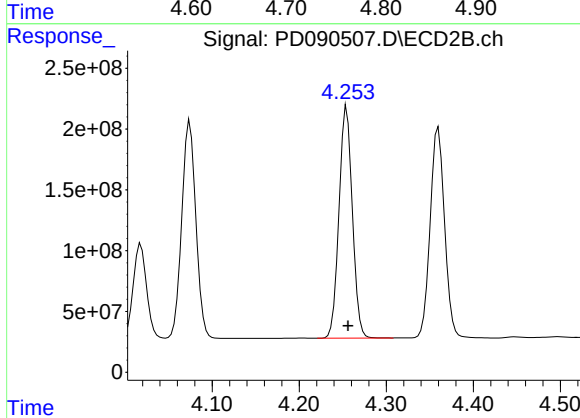
#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: 0.003 min
Response: 354536409
Conc: 54.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

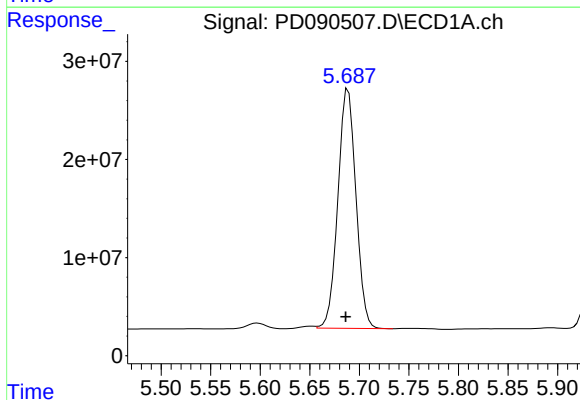
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2025
Supervised By :mohammad ahmed 10/06/2025



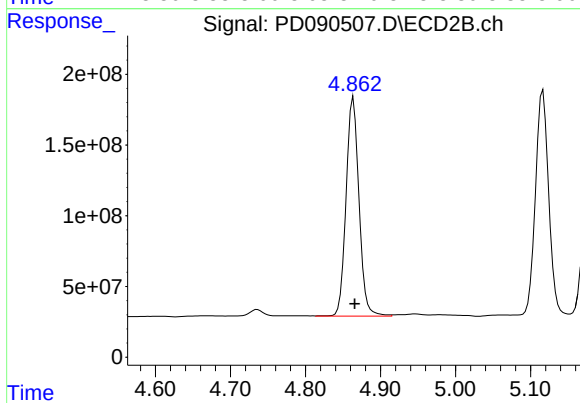
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: -0.001 min
Response: 2032382234
Conc: 49.22 ng/ml



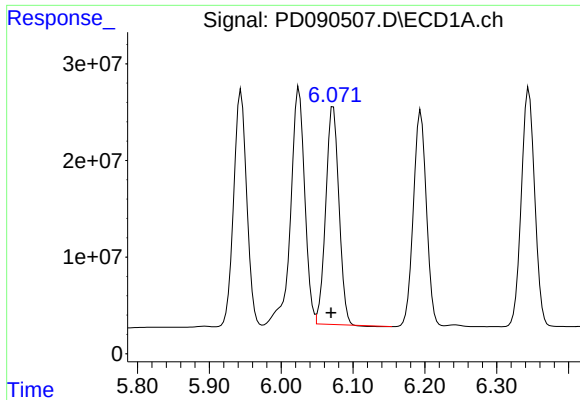
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.002 min
Response: 309644656
Conc: 54.18 ng/ml



#8 Heptachlor epoxide

R.T.: 4.864 min
Delta R.T.: -0.002 min
Response: 1851602502
Conc: 50.23 ng/ml



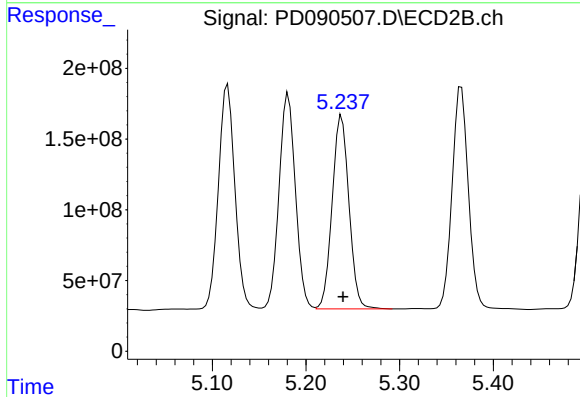
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: 0.003 min
Response: 287051341
Conc: 53.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

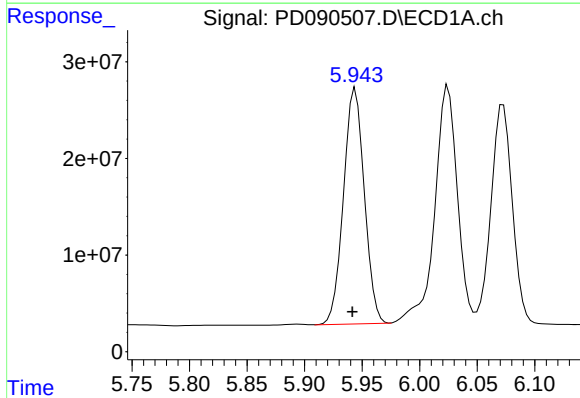
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2025
Supervised By :mohammad ahmed 10/06/2025



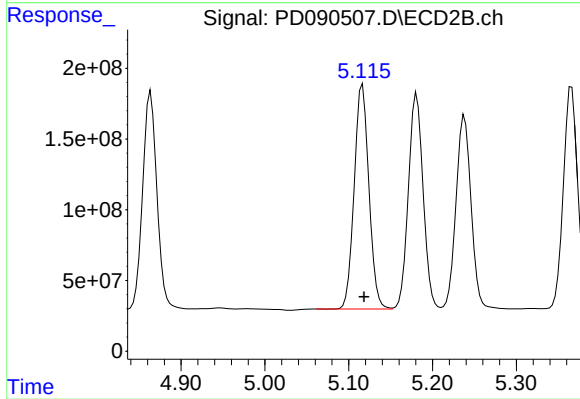
#9 Endosulfan I

R.T.: 5.238 min
Delta R.T.: -0.002 min
Response: 1707316586
Conc: 49.34 ng/ml



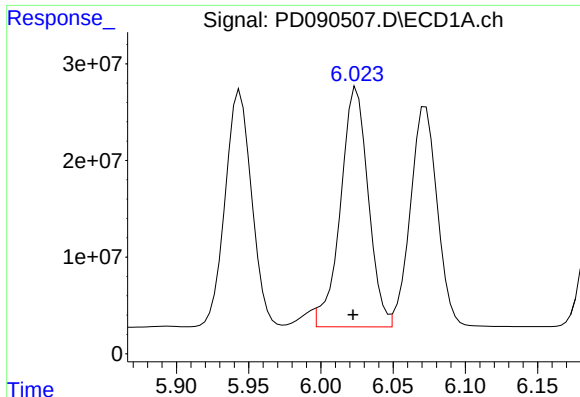
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.003 min
Response: 308747651
Conc: 54.05 ng/ml



#10 gamma-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.002 min
Response: 1938469011
Conc: 49.34 ng/ml



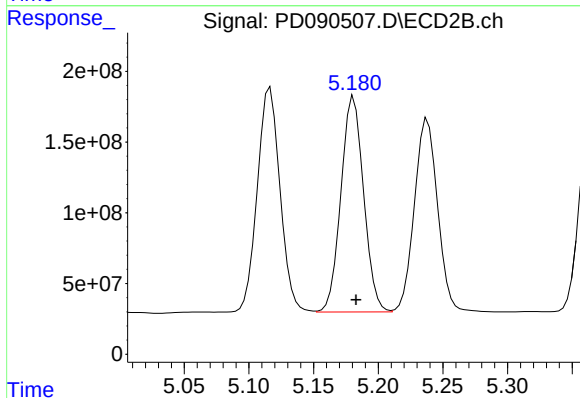
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: 0.001 min
Response: 327718561
Conc: 56.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

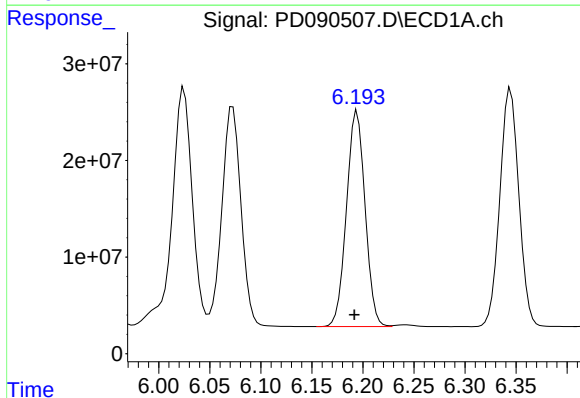
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2025
Supervised By :mohammad ahmed 10/06/2025



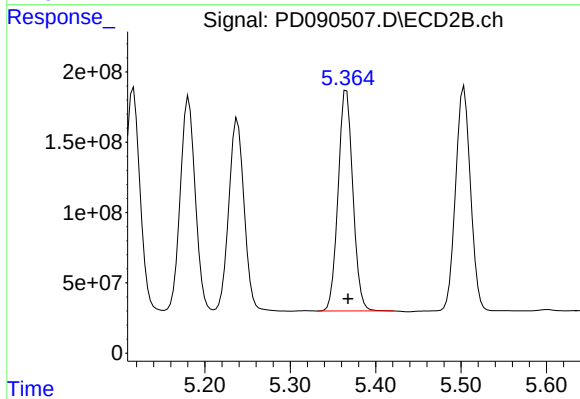
#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: -0.002 min
Response: 1856753689
Conc: 49.30 ng/ml



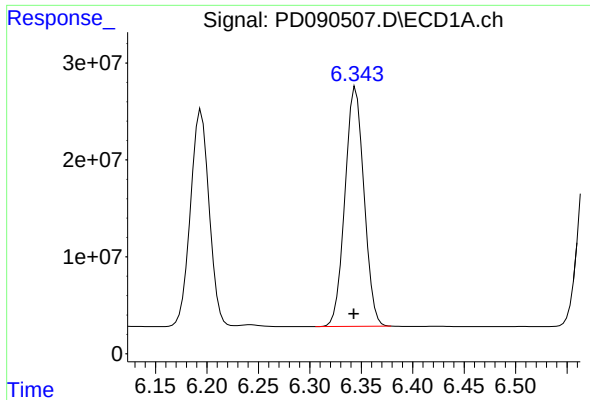
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.003 min
Response: 283085187
Conc: 54.36 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: -0.002 min
Response: 1887548668
Conc: 49.31 ng/ml



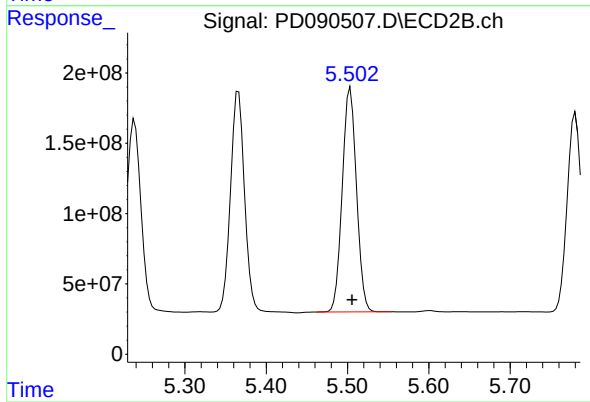
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.002 min
Response: 318407558
Conc: 55.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

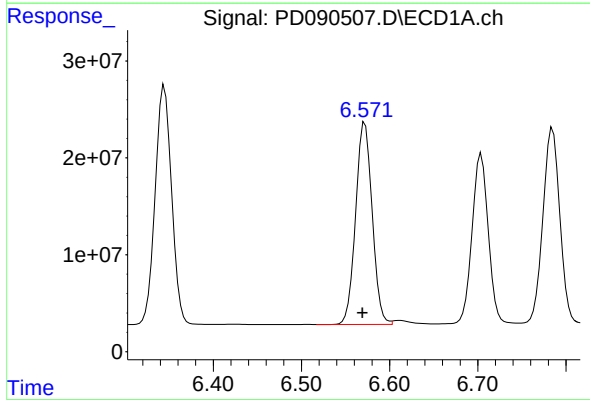
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2025
Supervised By :mohammad ahmed 10/06/2025



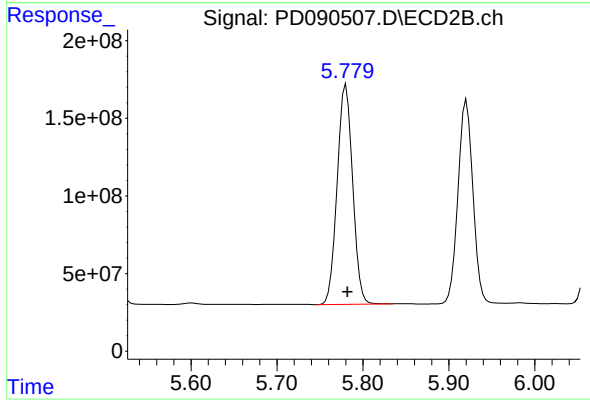
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.002 min
Response: 1933519653
Conc: 49.65 ng/ml



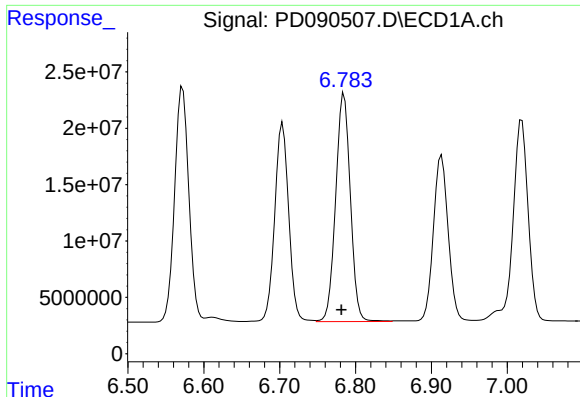
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.003 min
Response: 272155539
Conc: 55.61 ng/ml



#14 Endrin

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 1767471935
Conc: 49.33 ng/ml



#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: 0.003 min
Response: 272657027
Conc: 55.90 ng/ml

Instrument :

ECD_D

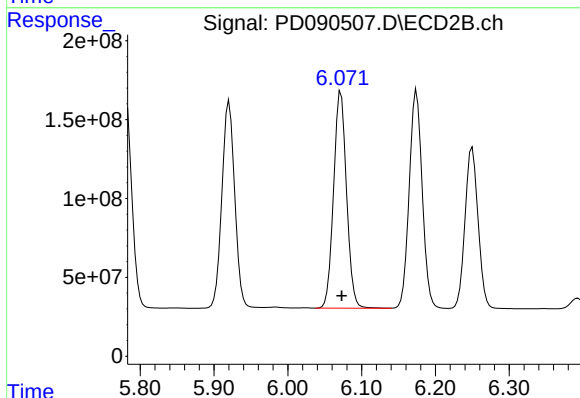
ClientSampleId :

PSTDCCC050

Manual Integrations

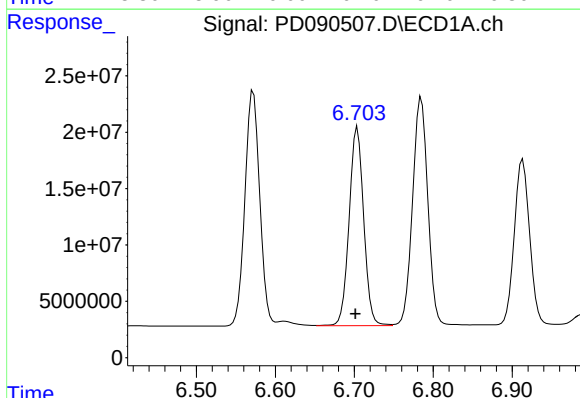
APPROVED

Reviewed By :Yogesh Patel 10/06/2025
Supervised By :mohammad ahmed 10/06/2025



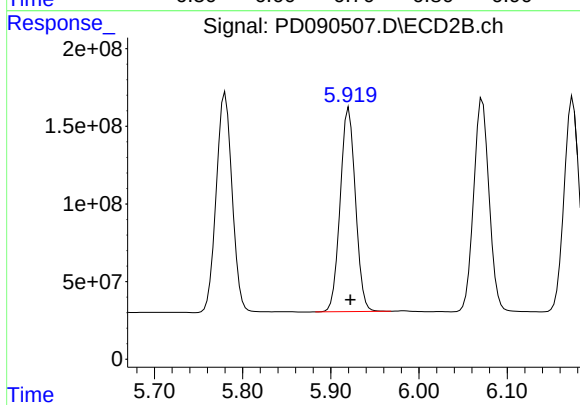
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: -0.001 min
Response: 1679155985
Conc: 49.75 ng/ml



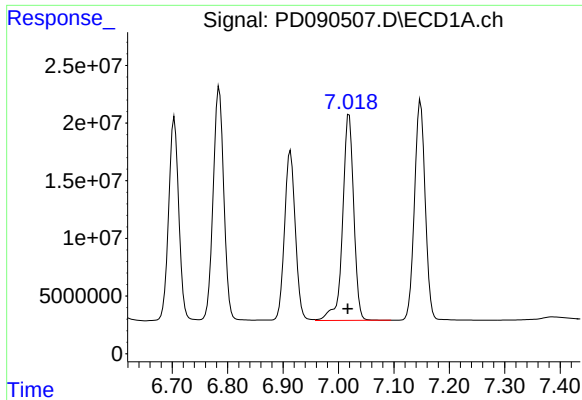
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.003 min
Response: 226207449
Conc: 55.20 ng/ml



#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: -0.002 min
Response: 1578321379
Conc: 48.67 ng/ml



#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: 0.002 min
Response: 249609765
Conc: 56.06 ng/ml

Instrument :

ECD_D

ClientSampleId :

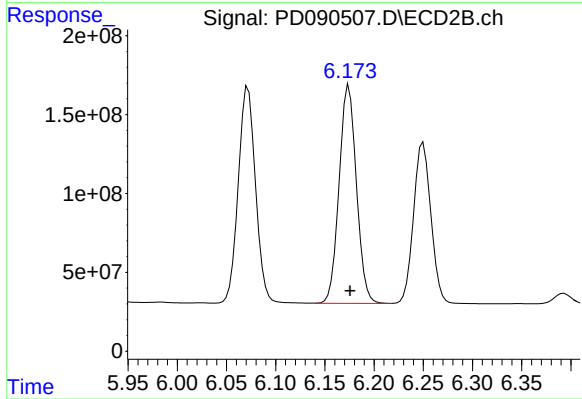
PSTDCCC050

Manual Integrations

APPROVED

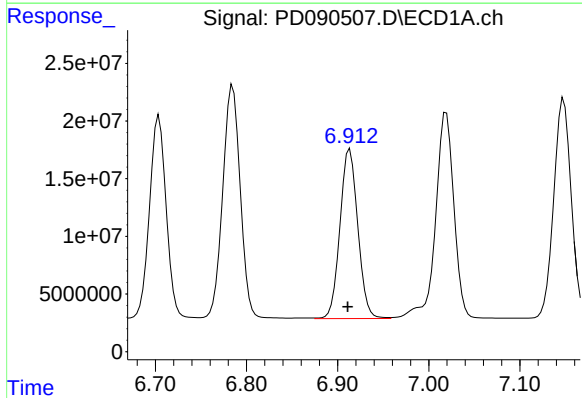
Reviewed By :Yogesh Patel 10/06/2025

Supervised By :mohammad ahmed 10/06/2025



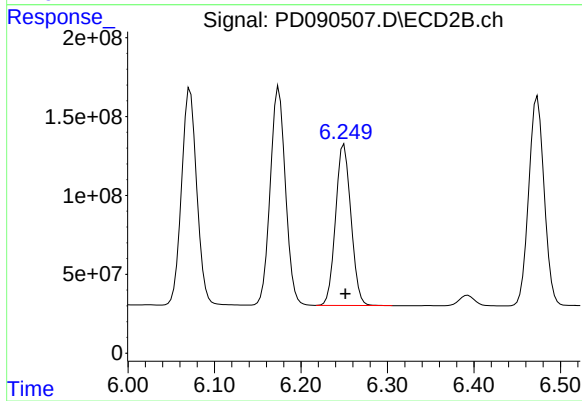
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.001 min
Response: 1695234713
Conc: 49.31 ng/ml



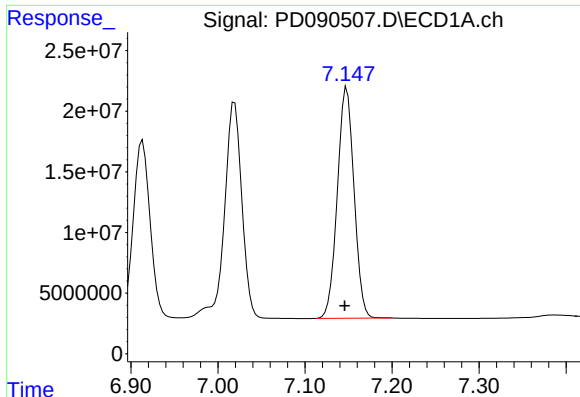
#18 Endrin aldehyde

R.T.: 6.913 min
Delta R.T.: 0.002 min
Response: 199949511
Conc: 58.28 ng/ml



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: -0.002 min
Response: 1255010476
Conc: 53.30 ng/ml



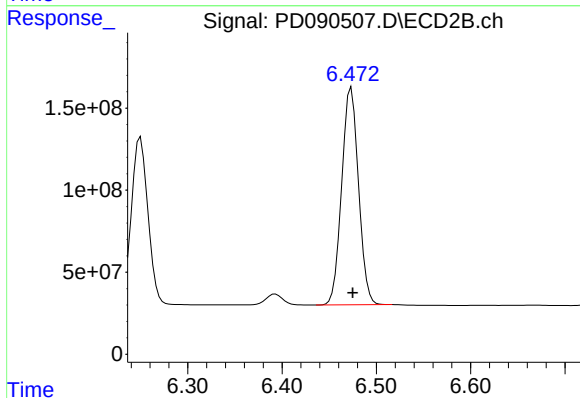
#19 Endosulfan Sulfate

R.T.: 7.148 min
Delta R.T.: 0.003 min
Response: 253975835
Conc: 55.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

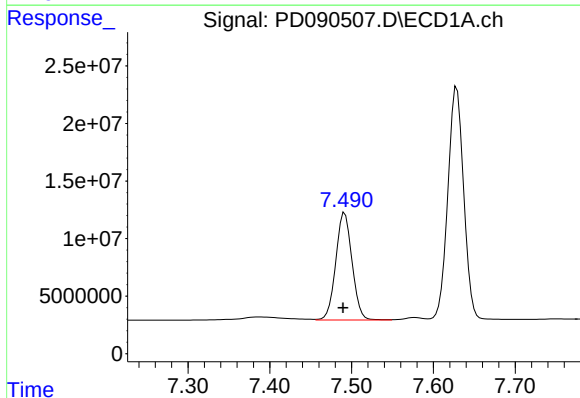
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2025
Supervised By :mohammad ahmed 10/06/2025



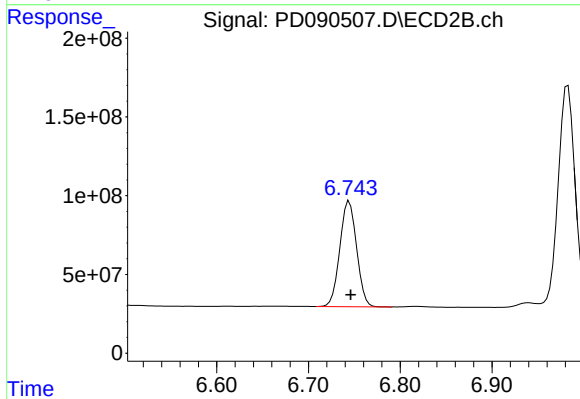
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: -0.002 min
Response: 1642951795
Conc: 50.26 ng/ml



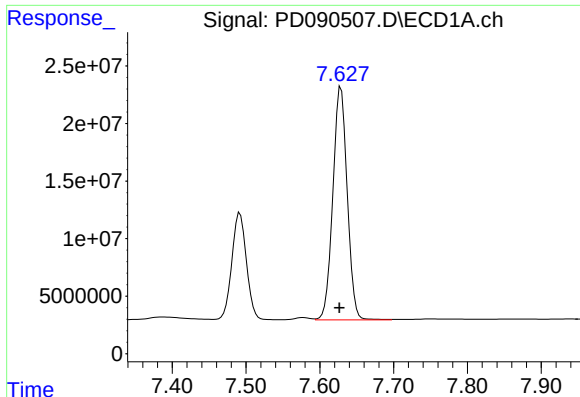
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: 0.002 min
Response: 128824513
Conc: 54.67 ng/ml



#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: -0.001 min
Response: 852900957
Conc: 49.02 ng/ml



#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: 0.002 min
Response: 274371324
Conc: 55.46 ng/ml

Instrument :

ECD_D

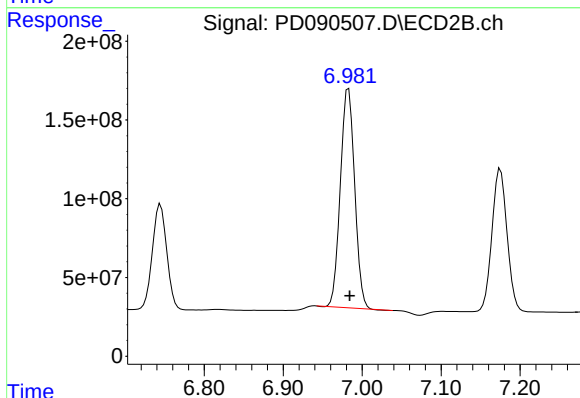
ClientSampleId :

PSTDCCC050

Manual Integrations

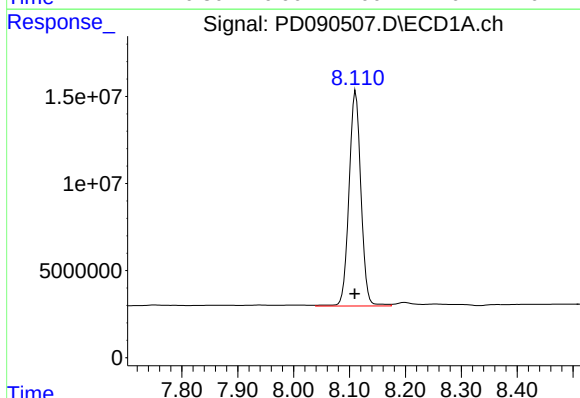
APPROVED

Reviewed By :Yogesh Patel 10/06/2025
Supervised By :mohammad ahmed 10/06/2025



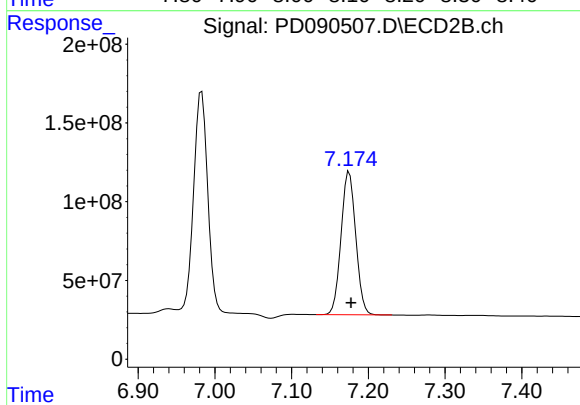
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: -0.002 min
Response: 1750327936
Conc: 48.48 ng/ml



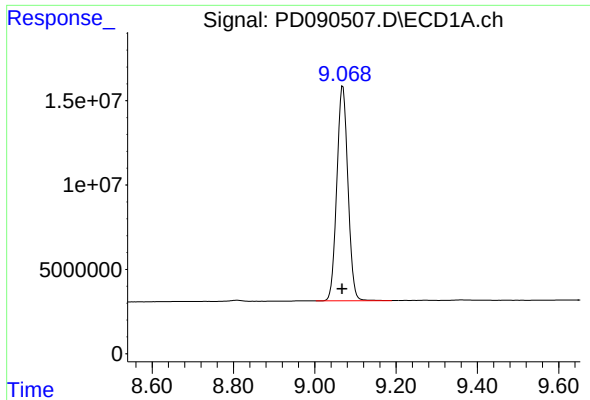
#22 Mirex

R.T.: 8.111 min
Delta R.T.: 0.002 min
Response: 182709335
Conc: 49.32 ng/ml



#22 Mirex

R.T.: 7.175 min
Delta R.T.: -0.002 min
Response: 1210601461
Conc: 43.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: 0.001 min
Response: 240992339
Conc: 49.95 ng/ml

Instrument :

ECD_D

ClientSampleId :

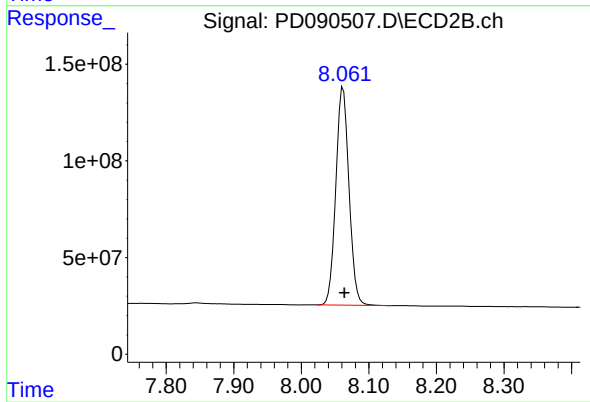
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2025

Supervised By :mohammad ahmed 10/06/2025



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: -0.002 min
Response: 1531142600
Conc: 47.24 ng/ml