

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081925\
 Data File : PD090000.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 16:52
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/20/2025
 Supervised By : mohammad ahmed 08/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 07:14:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 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...	3.549	2.877	155.8E6	1158.2E6	53.102	52.523
28)	SA Decachlor...	9.068	8.065	227.0E6	1392.0E6	52.602	53.776
Target Compounds							
2)	A alpha-BHC	3.998	3.389	331.8E6	1806.6E6	55.272	53.231
3)	MA gamma-BHC...	4.329	3.726	313.2E6	1672.3E6	54.696	53.651
4)	MA Heptachlor	4.927	4.078	309.3E6	1658.8E6	55.134	53.179
5)	MB Aldrin	5.269	4.364	297.9E6	1624.7E6	55.020	53.346
6)	B beta-BHC	4.515	4.021	117.9E6	701.3E6	52.585	52.609
7)	B delta-BHC	4.763	4.257	303.9E6	1678.5E6	58.689	53.200
8)	B Heptachlo...	5.689	4.867	266.3E6	1461.5E6	54.270	52.770
9)	A Endosulfan I	6.072	5.241	247.2E6	1344.6E6	53.567	51.279
10)	B gamma-Chl...	5.944	5.119	265.3E6	1574.7E6	54.236	53.180m
11)	B alpha-Chl...	6.025	5.185	264.2E6	1509.7E6	53.668	52.901
12)	B 4,4'-DDE	6.194	5.369	238.0E6	1533.6E6	54.241	53.208
13)	MA Dieldrin	6.345	5.508	264.7E6	1559.7E6	54.071	53.255
14)	MA Endrin	6.572	5.784	221.0E6	1418.3E6	53.344	53.254
15)	B Endosulfa...	6.784	6.075	223.6E6	1343.9E6	52.987	53.131
16)	A 4,4'-DDD	6.703	5.924	191.1E6	1288.1E6	55.237	53.573
17)	MA 4,4'-DDT	7.019	6.178	203.7E6	1360.0E6	53.476	54.247
18)	B Endrin al...	6.913	6.254	155.0E6	950.8E6	54.060	55.215
19)	B Endosulfa...	7.147	6.477	206.3E6	1293.5E6	52.641	53.055
20)	A Methoxychlor	7.491	6.748	102.5E6	688.8E6	51.122	53.414
21)	B Endrin ke...	7.628	6.985	221.1E6	1401.2E6	53.351	52.589
22)	Mirex	8.111	7.179	161.6E6	1094.1E6	51.239	52.967

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081925\
Data File : PD090000.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 16:52
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

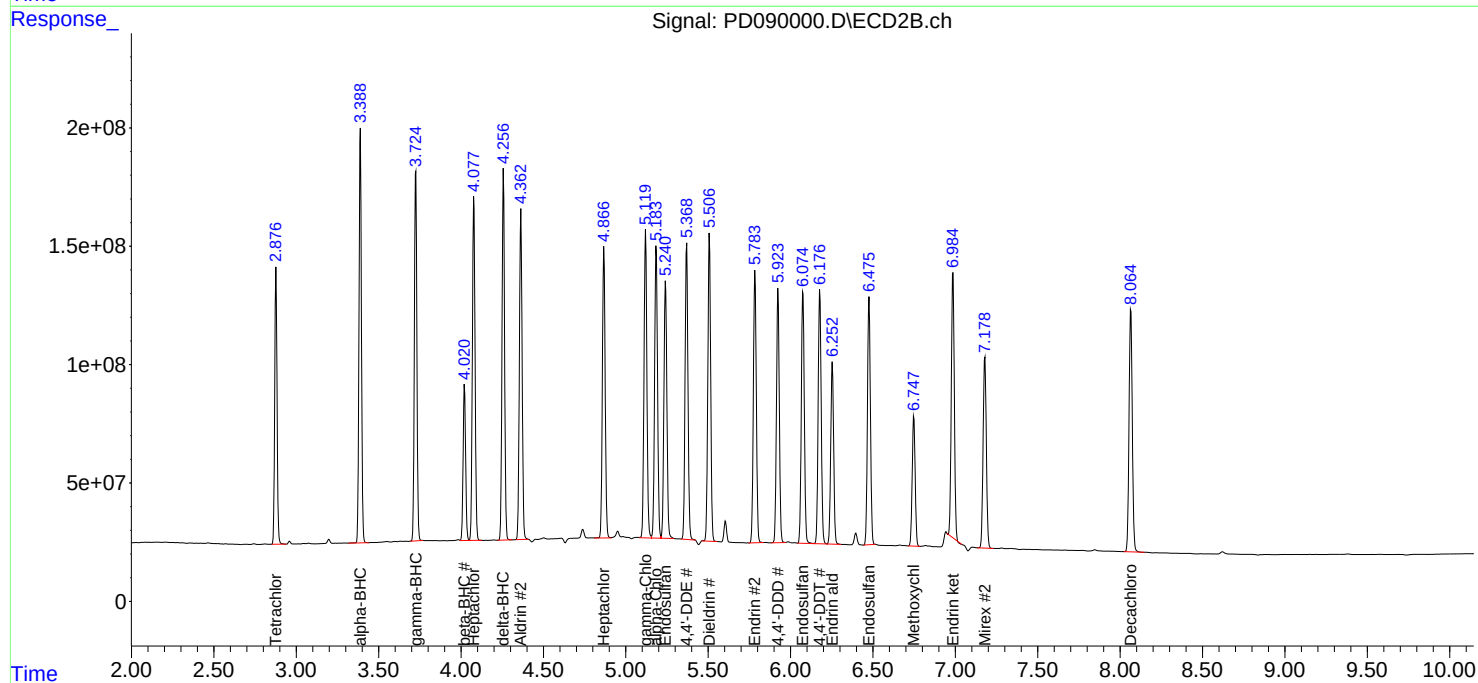
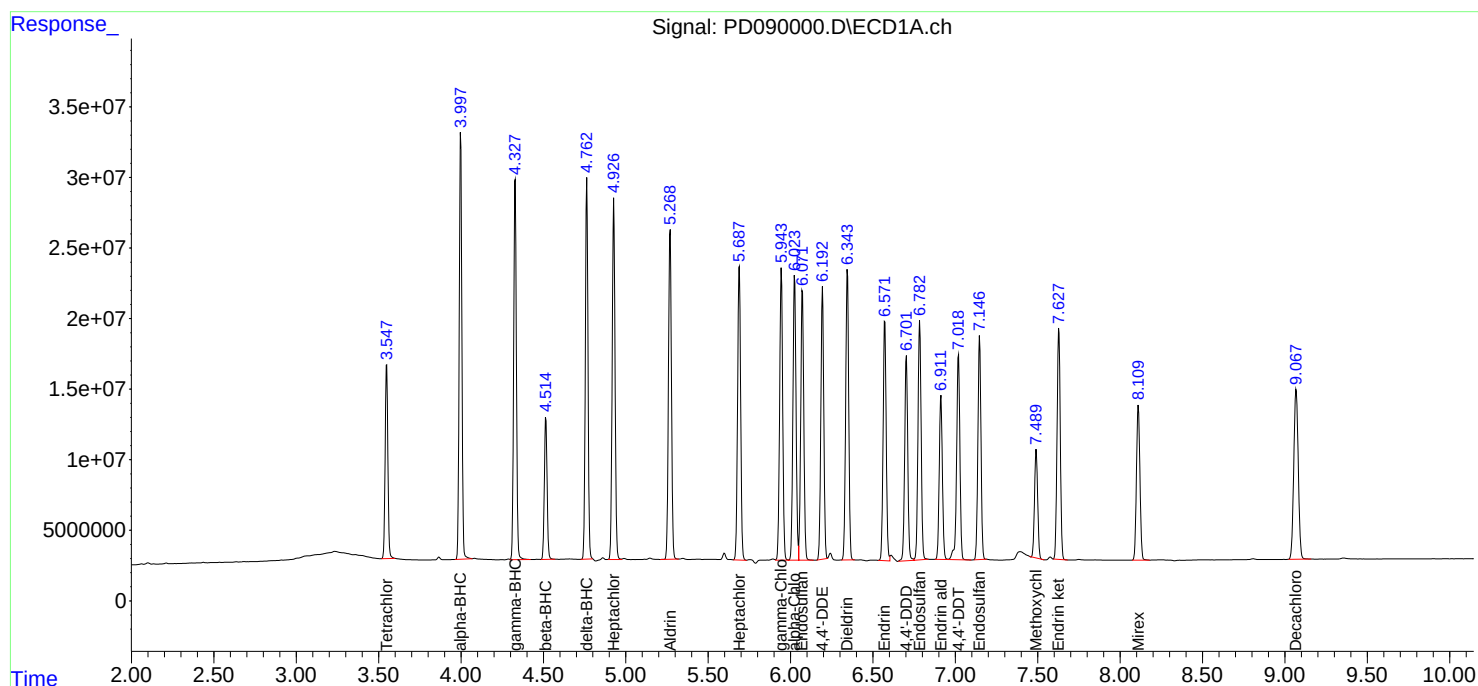
APPROVED

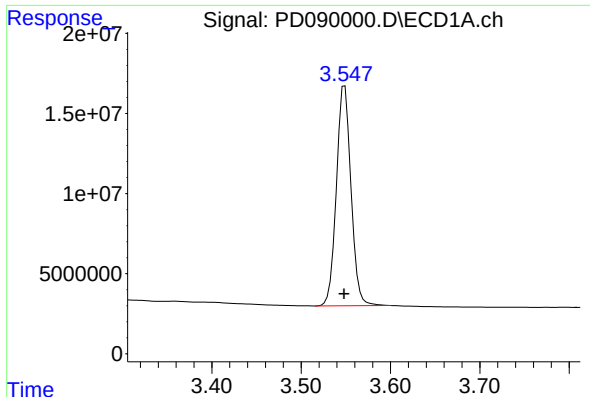
Reviewed By :Abdul Mirza 08/20/2025

Supervised By :mohammad ahmed 08/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 07:14:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 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





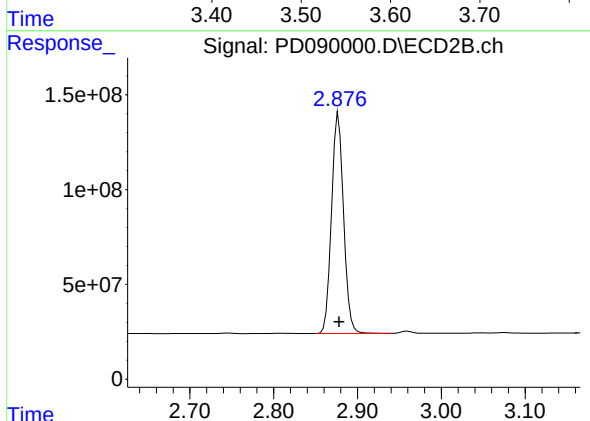
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 155845787
Conc: 53.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

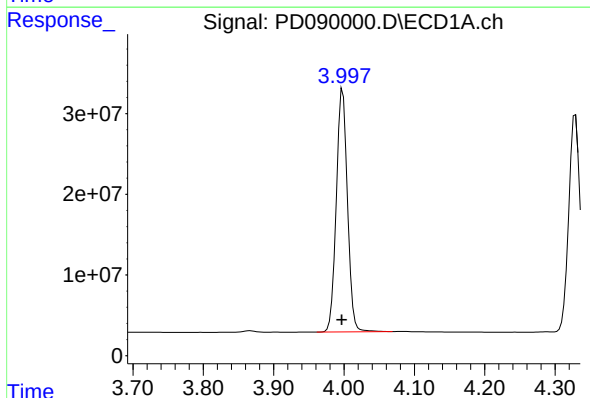
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/22/2025



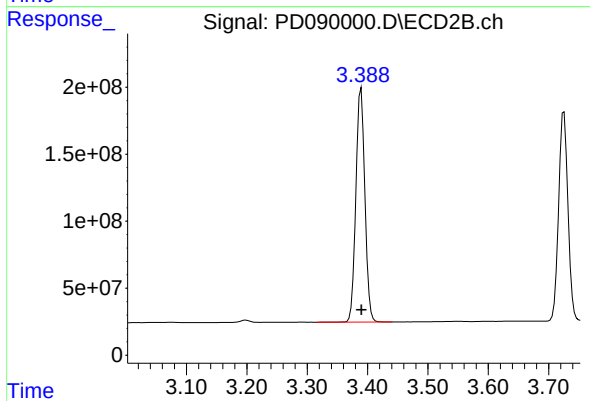
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 1158163205
Conc: 52.52 ng/ml



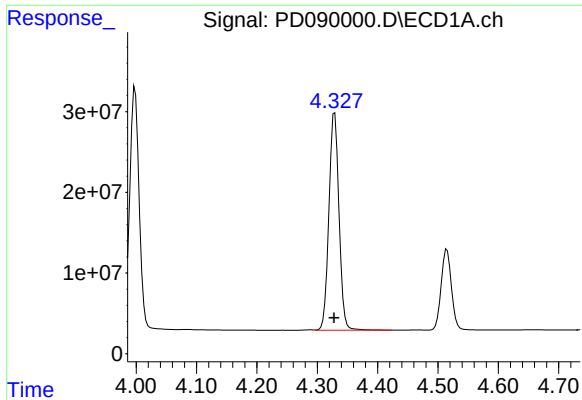
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.001 min
Response: 331752626
Conc: 55.27 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 1806609637
Conc: 53.23 ng/ml



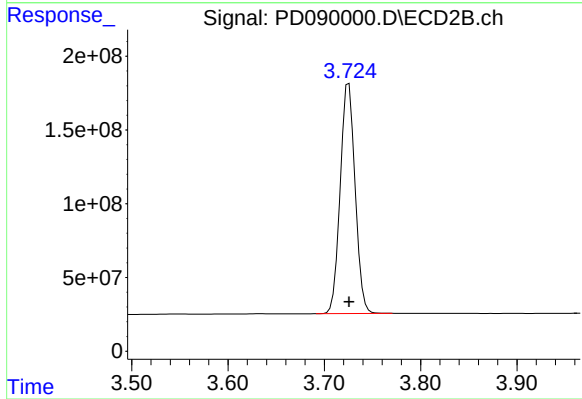
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.001 min
Response: 313234290
Conc: 54.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

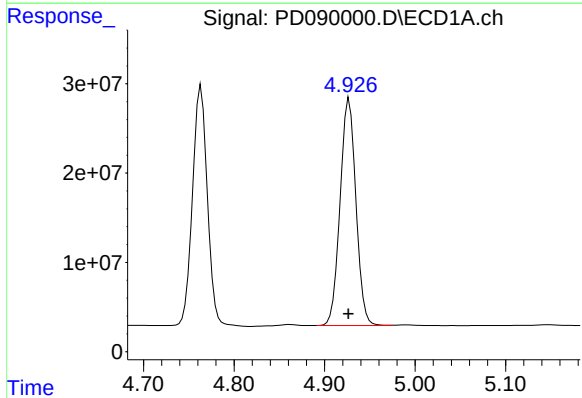
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/22/2025



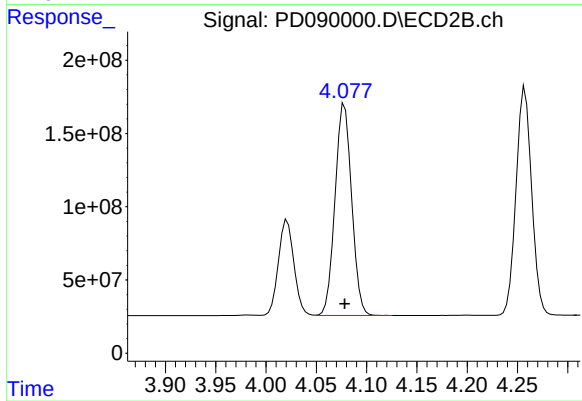
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 1672349947
Conc: 53.65 ng/ml



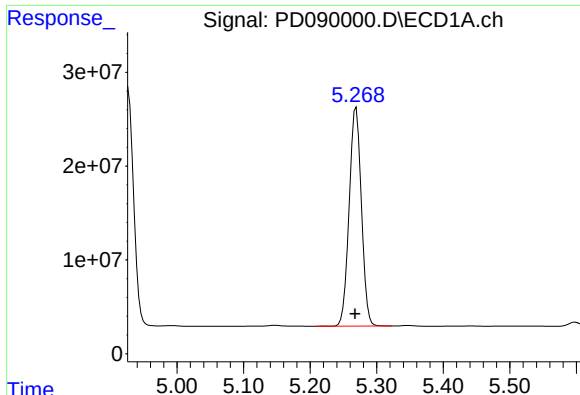
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 309257555
Conc: 55.13 ng/ml



#4 Heptachlor

R.T.: 4.078 min
Delta R.T.: 0.000 min
Response: 1658751055
Conc: 53.18 ng/ml



#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.002 min
Response: 297904886
Conc: 55.02 ng/ml

Instrument :

ECD_D

ClientSampleId :

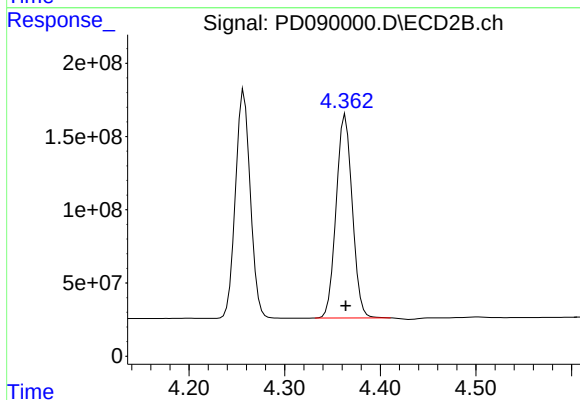
PSTDCCC050

Manual Integrations

APPROVED

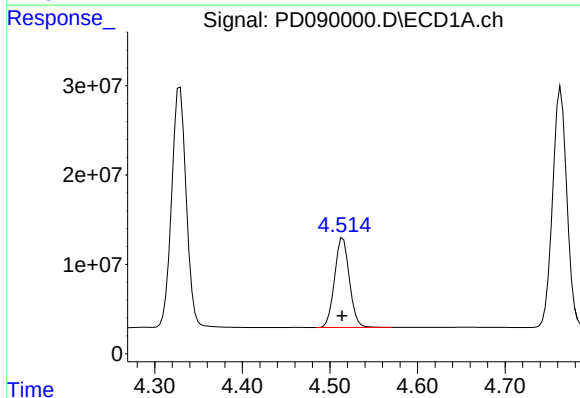
Reviewed By :Abdul Mirza 08/20/2025

Supervised By :mohammad ahmed 08/22/2025



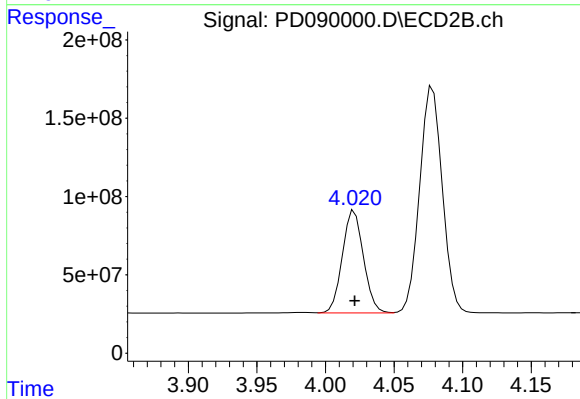
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 1624676566
Conc: 53.35 ng/ml



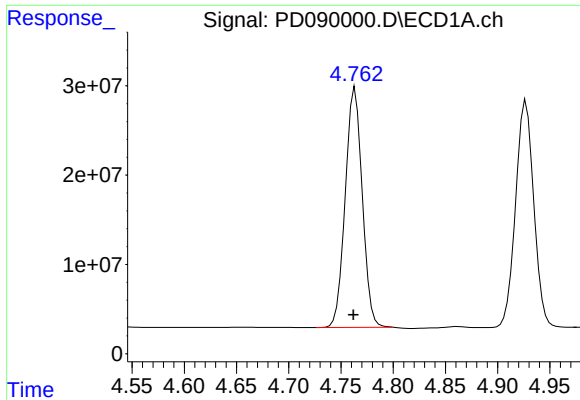
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.001 min
Response: 117949312
Conc: 52.59 ng/ml



#6 beta-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 701289218
Conc: 52.61 ng/ml



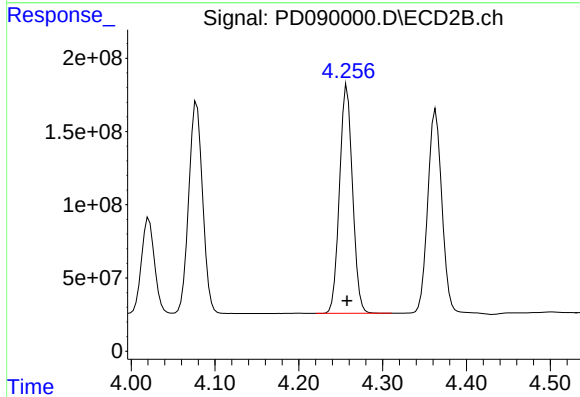
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: 0.002 min
Response: 303873349
Conc: 58.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

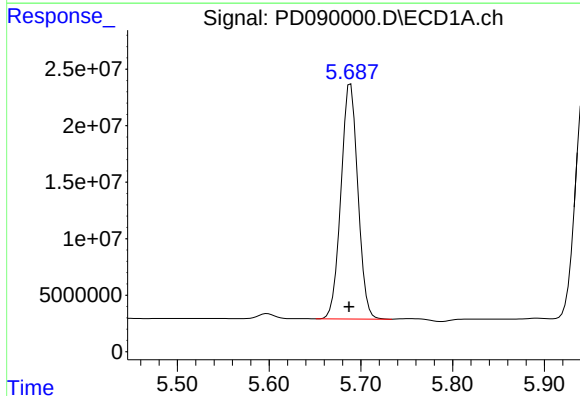
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/22/2025



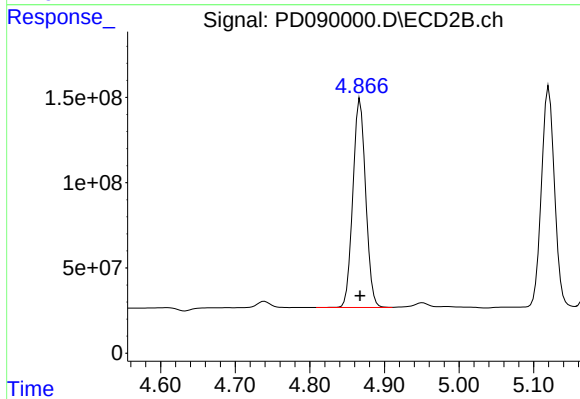
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: 0.000 min
Response: 1678457709
Conc: 53.20 ng/ml



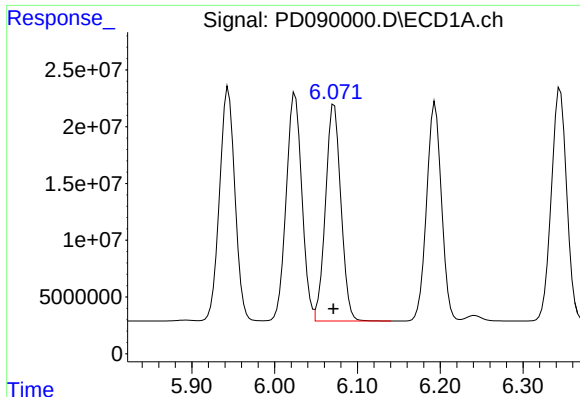
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.002 min
Response: 266292052
Conc: 54.27 ng/ml



#8 Heptachlor epoxide

R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 1461465045
Conc: 52.77 ng/ml



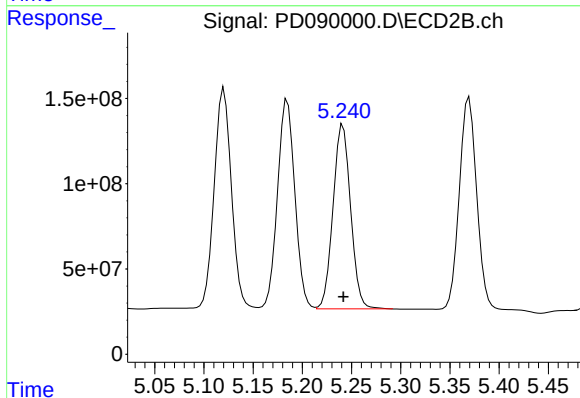
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 247207113
Conc: 53.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

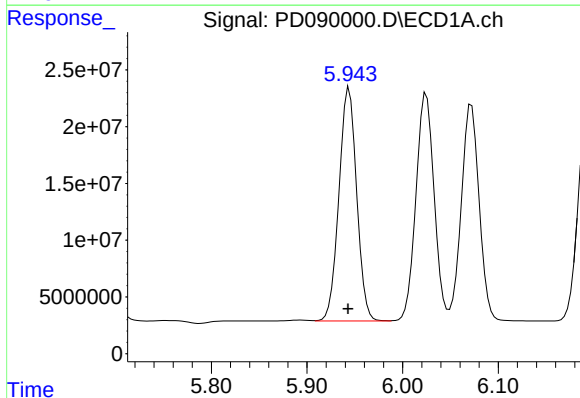
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/22/2025



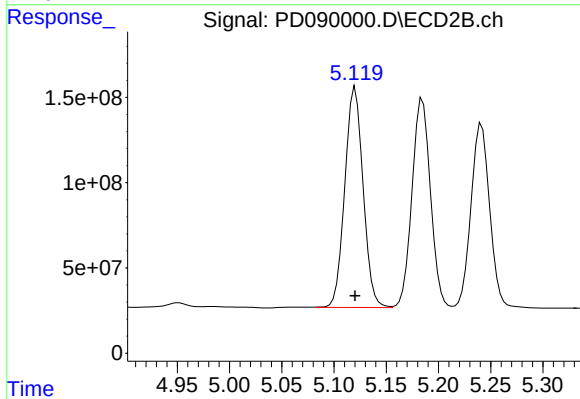
#9 Endosulfan I

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 1344628757
Conc: 51.28 ng/ml



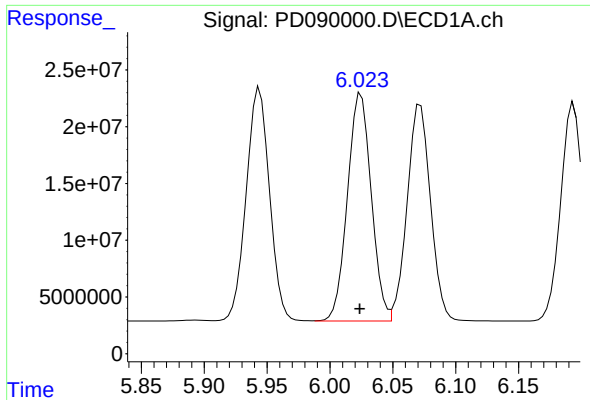
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.001 min
Response: 265265418
Conc: 54.24 ng/ml



#10 gamma-Chlordane

R.T.: 5.119 min
Delta R.T.: -0.001 min
Response: 1574727165
Conc: 53.18 ng/ml m



#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.001 min
Response: 264177538
Conc: 53.67 ng/ml

Instrument :

ECD_D

ClientSampleId :

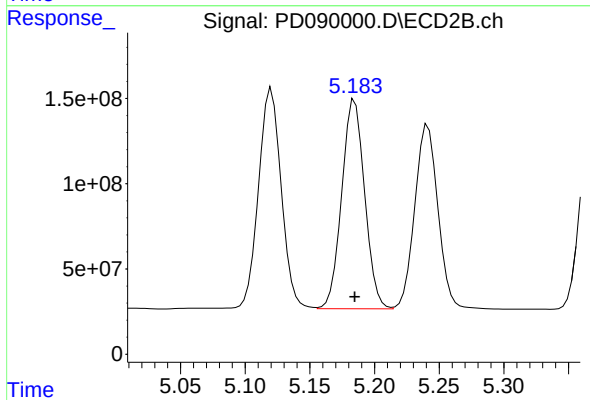
PSTDCCC050

Manual Integrations

APPROVED

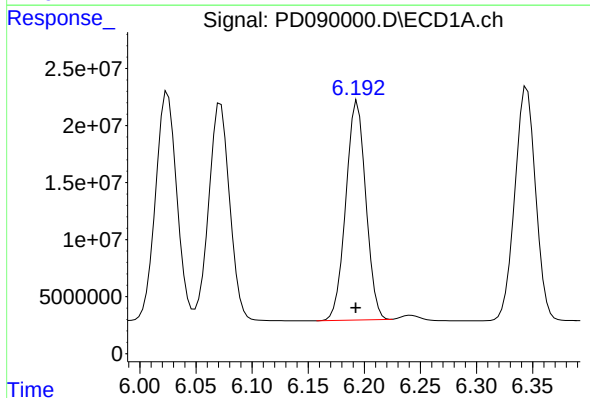
Reviewed By :Abdul Mirza 08/20/2025

Supervised By :mohammad ahmed 08/22/2025



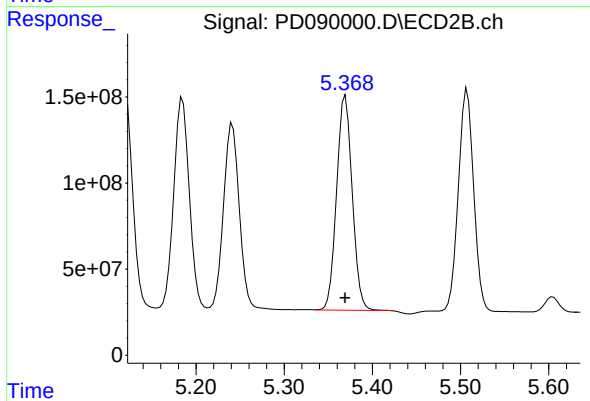
#11 alpha-Chlordane

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 1509703406
Conc: 52.90 ng/ml



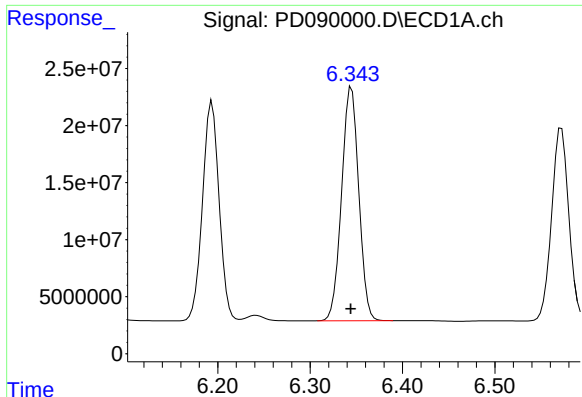
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.001 min
Response: 238027999
Conc: 54.24 ng/ml



#12 4,4'-DDE

R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 1533587997
Conc: 53.21 ng/ml



#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 264720235
Conc: 54.07 ng/ml

Instrument :

ECD_D

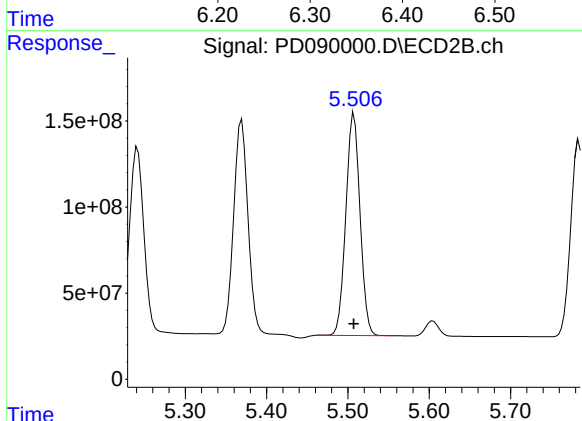
ClientSampleId :

PSTDCCC050

Manual Integrations

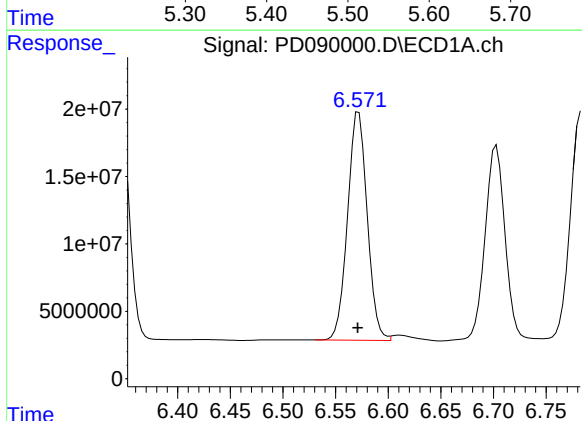
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/22/2025



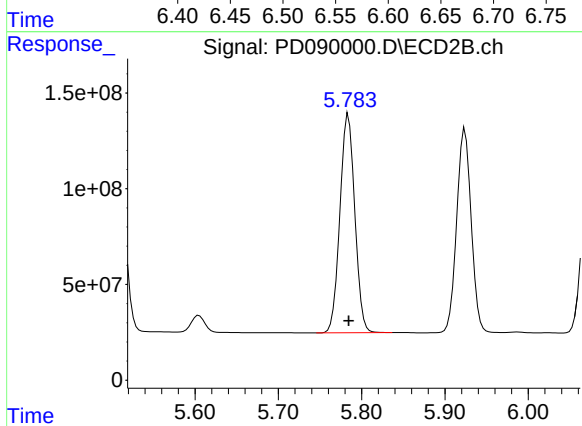
#13 Dieldrin

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 1559697476
Conc: 53.26 ng/ml



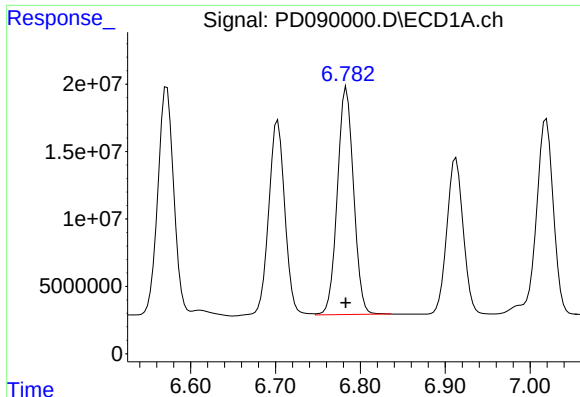
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.001 min
Response: 221033601
Conc: 53.34 ng/ml



#14 Endrin

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 1418278492
Conc: 53.25 ng/ml



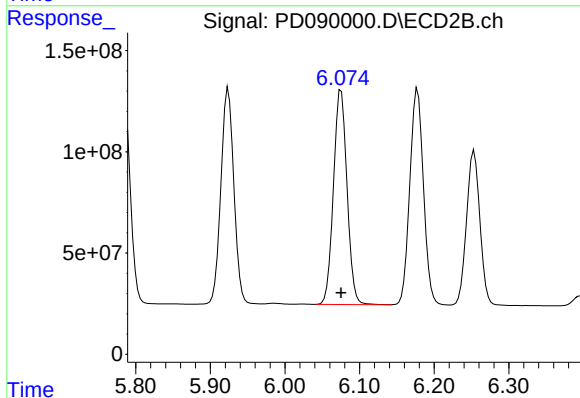
#15 Endosulfan II

R.T.: 6.784 min
Delta R.T.: 0.000 min
Response: 223591463
Conc: 52.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

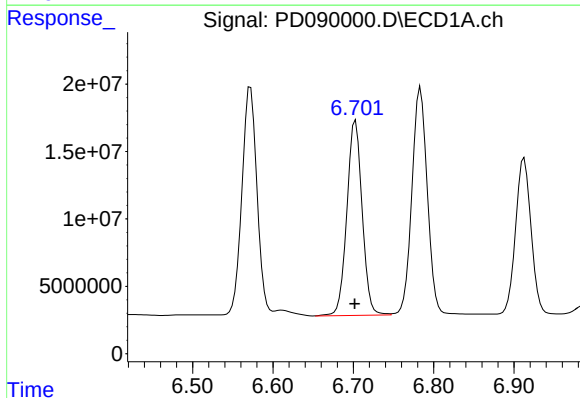
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/22/2025



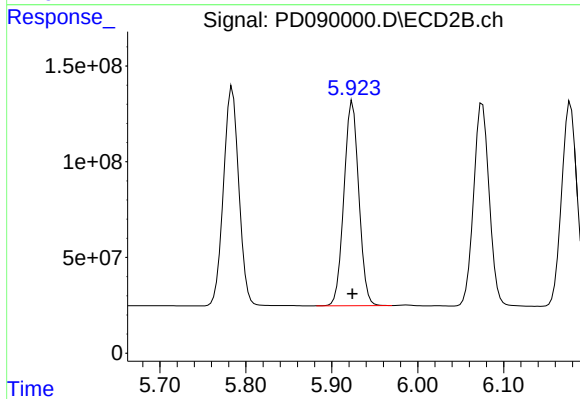
#15 Endosulfan II

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 1343928141
Conc: 53.13 ng/ml



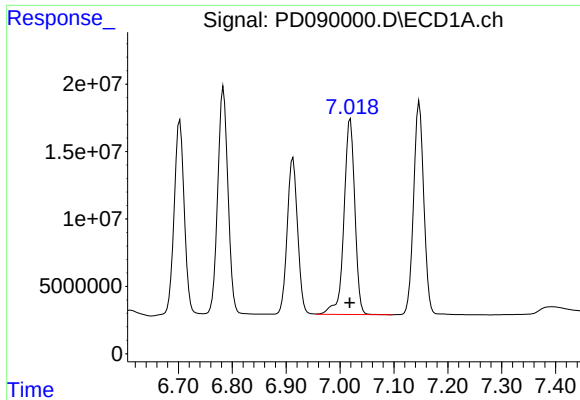
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: 0.000 min
Response: 191069695
Conc: 55.24 ng/ml



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 1288086153
Conc: 53.57 ng/ml



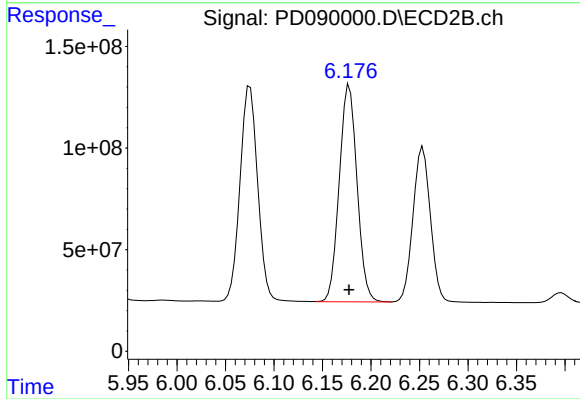
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: 0.001 min
Response: 203729854
Conc: 53.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

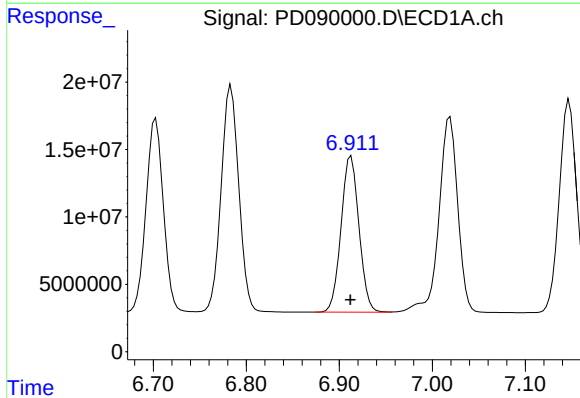
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/22/2025



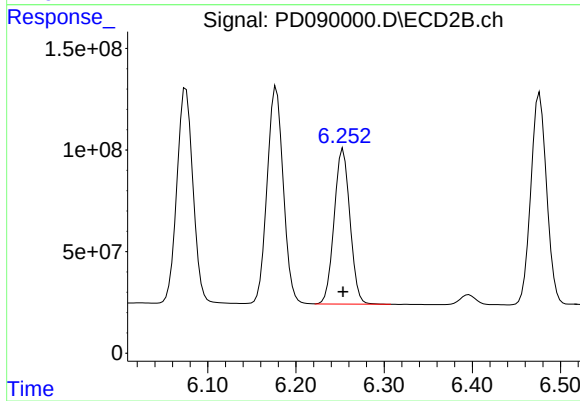
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 1359965066
Conc: 54.25 ng/ml



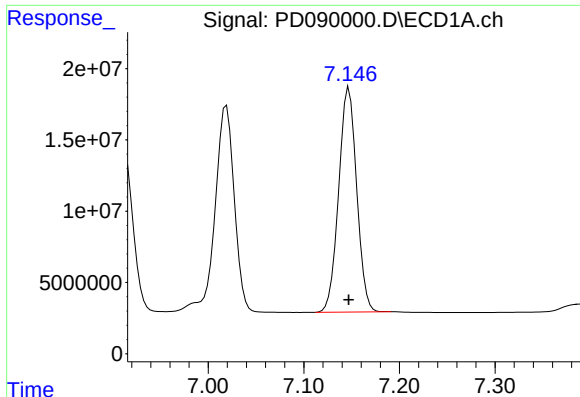
#18 Endrin aldehyde

R.T.: 6.913 min
Delta R.T.: 0.000 min
Response: 154999714
Conc: 54.06 ng/ml



#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 950793263
Conc: 55.21 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 206274097
Conc: 52.64 ng/ml

Instrument :

ECD_D

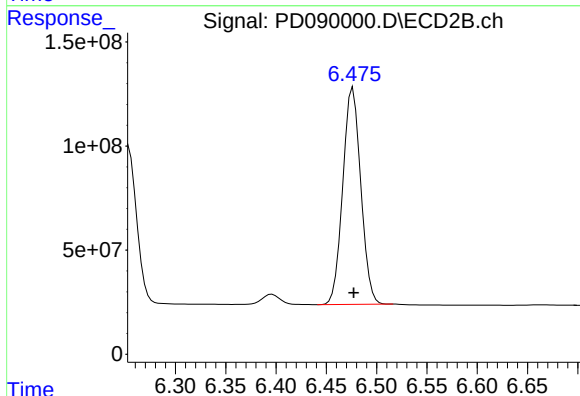
ClientSampleId :

PSTDCCC050

Manual Integrations

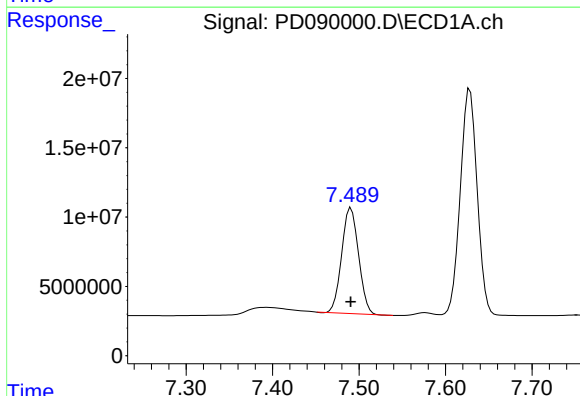
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/22/2025



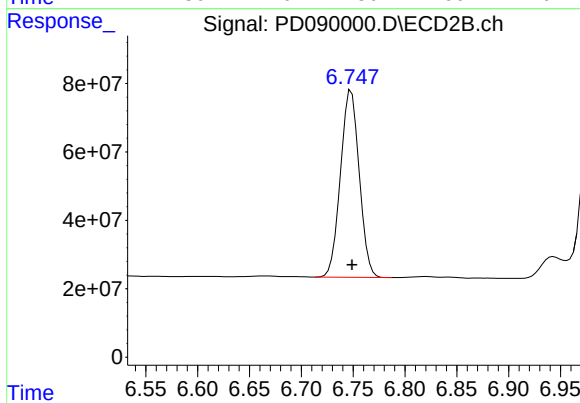
#19 Endosulfan Sulfate

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 1293453424
Conc: 53.05 ng/ml



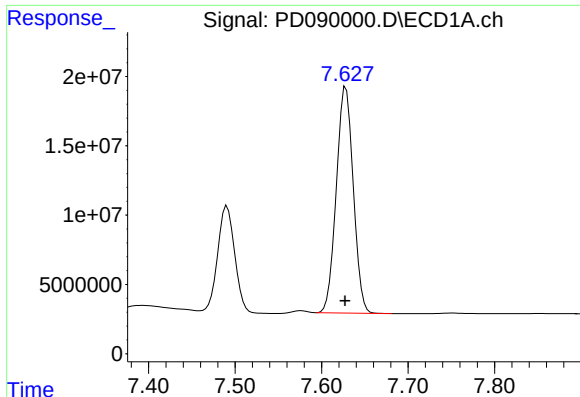
#20 Methoxychlor

R.T.: 7.491 min
Delta R.T.: 0.000 min
Response: 102531362
Conc: 51.12 ng/ml



#20 Methoxychlor

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 688816775
Conc: 53.41 ng/ml



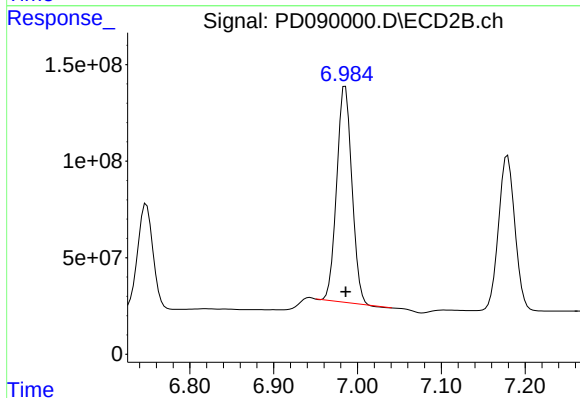
#21 Endrin ketone

R.T.: 7.628 min
Delta R.T.: 0.000 min
Response: 221114196
Conc: 53.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

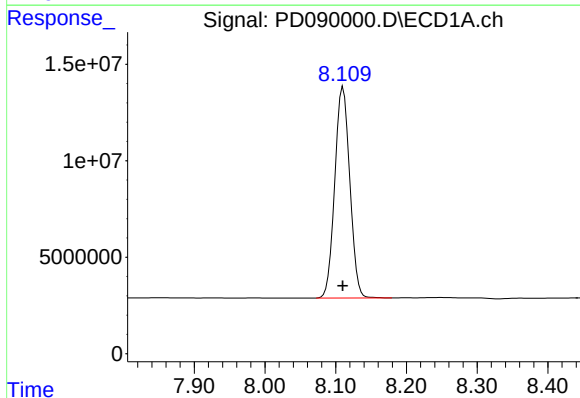
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/22/2025



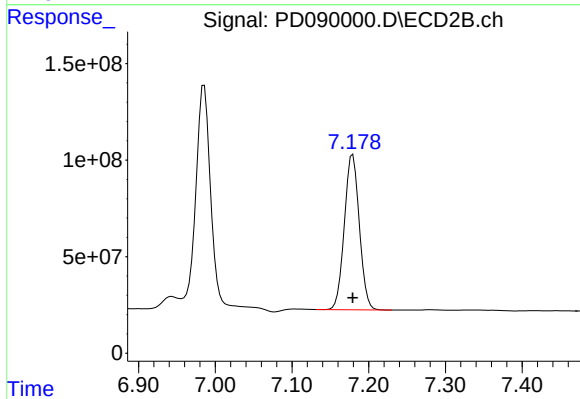
#21 Endrin ketone

R.T.: 6.985 min
Delta R.T.: 0.000 min
Response: 1401203236
Conc: 52.59 ng/ml



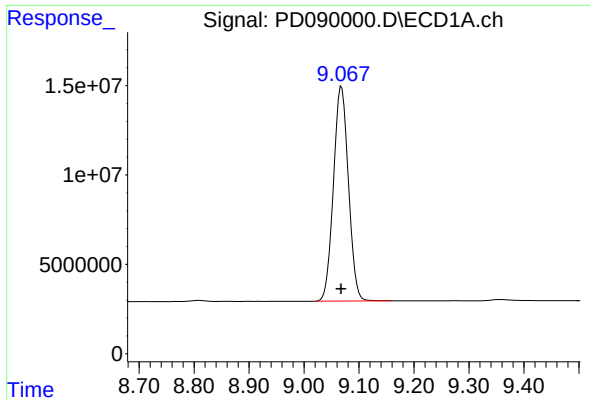
#22 Mirex

R.T.: 8.111 min
Delta R.T.: 0.000 min
Response: 161631548
Conc: 51.24 ng/ml



#22 Mirex

R.T.: 7.179 min
Delta R.T.: 0.000 min
Response: 1094061555
Conc: 52.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: 0.001 min
Response: 227028787
Conc: 52.60 ng/ml

Instrument :

ECD_D

ClientSampleId :

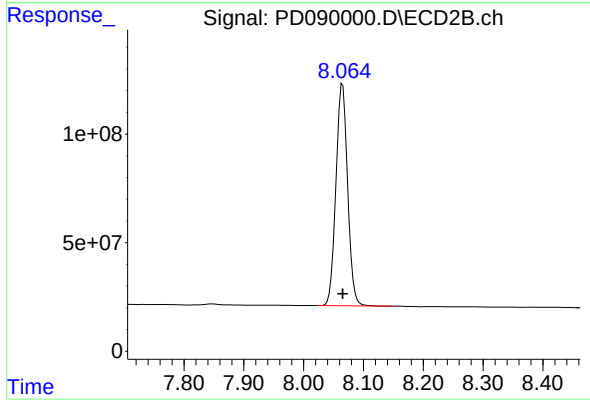
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 08/20/2025

Supervised By :mohammad ahmed 08/22/2025



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 1392042698
Conc: 53.78 ng/ml