

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090425\
 Data File : PD090142.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Sep 2025 09:59
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/05/2025
 Supervised By : mohammad ahmed 09/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 02:01:54 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...	3.555	2.877	143.5E6	1121.4E6	48.878	50.854
28)	SA Decachlor...	9.078	8.067	219.1E6	1364.3E6	50.765	52.704
Target Compounds							
2)	A alpha-BHC	4.004	3.389	322.7E6	1808.2E6	53.759	53.277
3)	MA gamma-BHC...	4.335	3.726	304.6E6	1665.1E6	53.186	53.420
4)	MA Heptachlor	4.933	4.078	288.1E6	1596.3E6	51.370	51.178
5)	MB Aldrin	5.275	4.364	288.6E6	1625.2E6	53.295	53.362
6)	B beta-BHC	4.522	4.022	116.1E6	693.1E6	51.760	51.994
7)	B delta-BHC	4.768	4.258	298.2E6	1681.0E6	57.590m	53.281
8)	B Heptachlo...	5.695	4.868	253.6E6	1460.2E6	51.678	52.724
9)	A Endosulfan I	6.078	5.242	239.3E6	1258.4E6	51.852	47.989
10)	B gamma-Chl...	5.950	5.121	257.8E6	1576.5E6	52.712	53.240
11)	B alpha-Chl...	6.031	5.185	255.8E6	1506.9E6	51.966	52.804
12)	B 4,4'-DDE	6.200	5.370	224.0E6	1525.3E6	51.037	52.919
13)	MA Dieldrin	6.351	5.508	255.9E6	1570.0E6	52.276	53.608
14)	MA Endrin	6.578	5.785	209.7E6	1454.5E6	50.618	54.615
15)	B Endosulfa...	6.791	6.076	217.3E6	1339.4E6	51.488	52.952
16)	A 4,4'-DDD	6.708	5.925	185.2E6	1308.2E6	53.541m	54.410
17)	MA 4,4'-DDT	7.025	6.179	178.2E6	1237.0E6	46.762	49.341
18)	B Endrin al...	6.920	6.254	154.0E6	968.6E6	53.729	56.250
19)	B Endosulfa...	7.154	6.478	197.4E6	1263.6E6	50.373	51.832
20)	A Methoxychlor	7.498	6.749	103.0E6	703.6E6	51.356	54.560
21)	B Endrin ke...	7.635	6.987	211.9E6	1427.6E6	51.139	53.581
22)	Mirex	8.118	7.181	150.4E6	1050.9E6	47.669	50.877

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090425\
Data File : PD090142.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 09:59
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

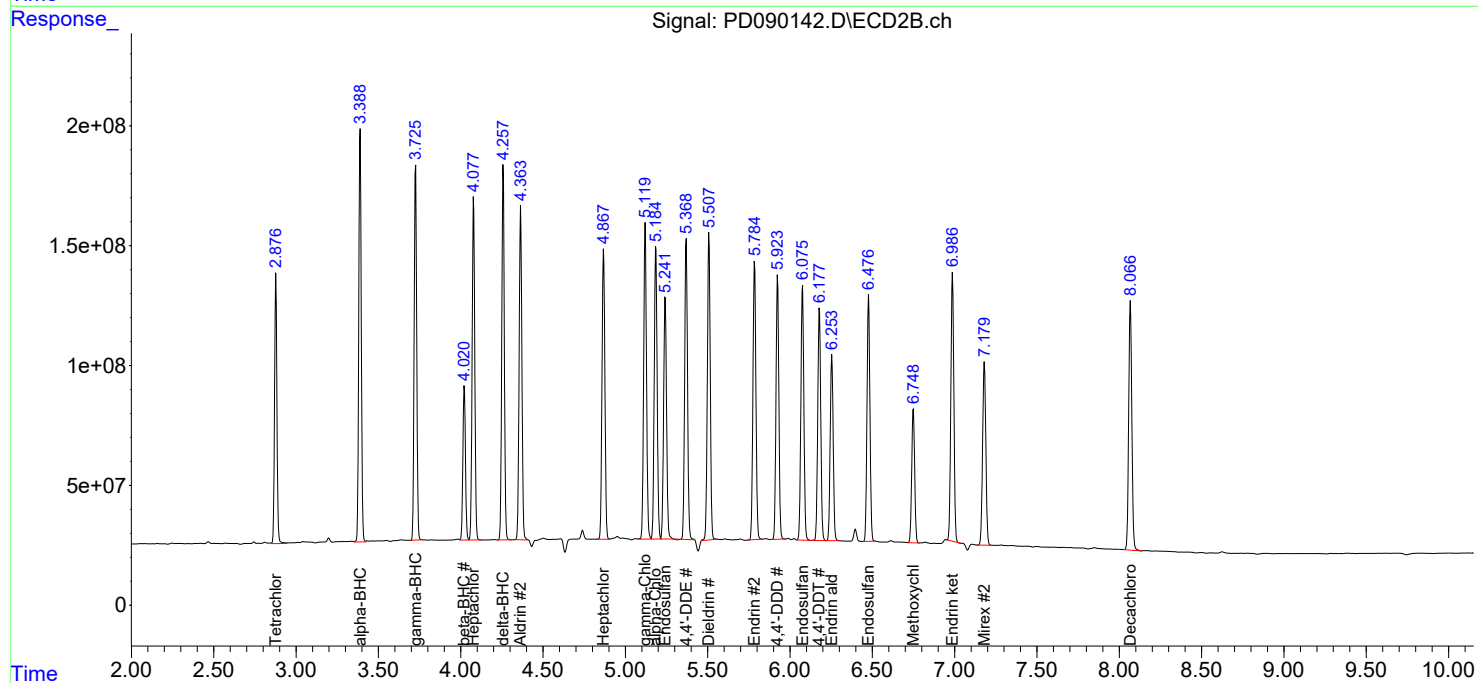
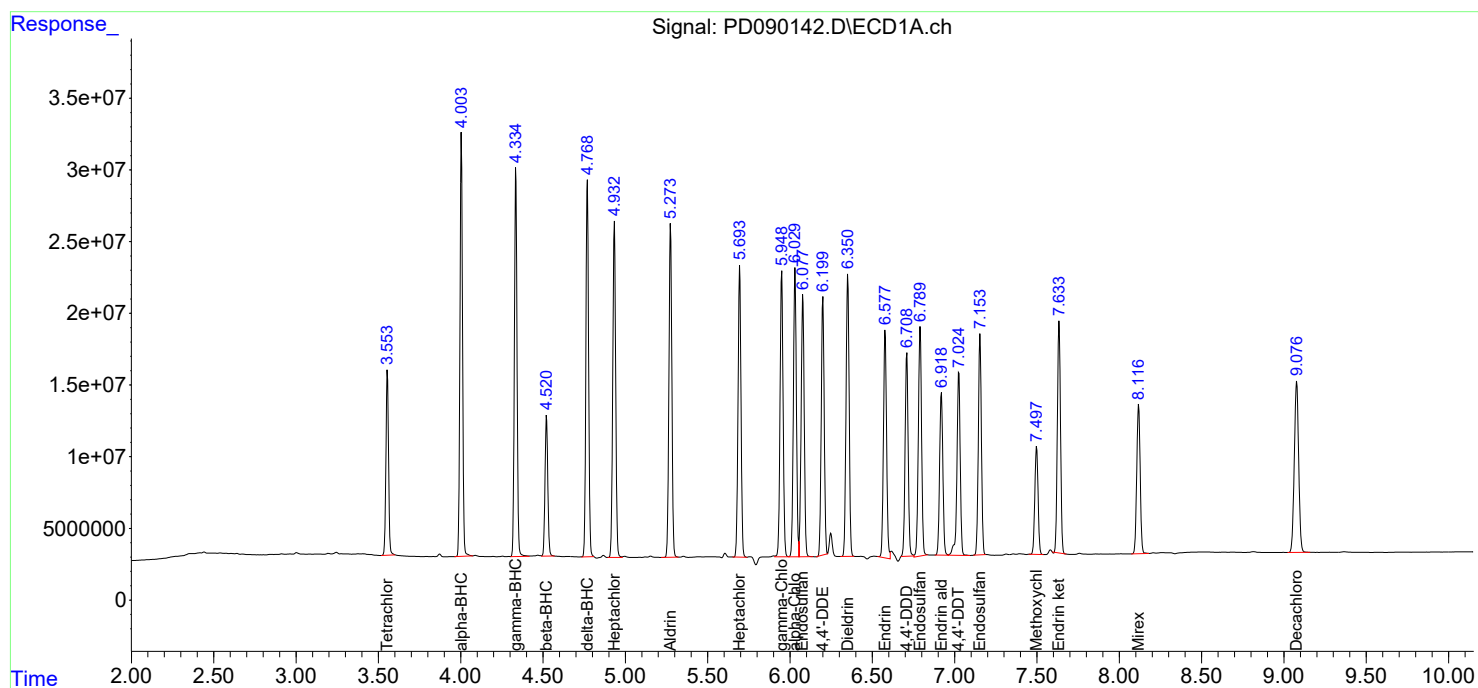
APPROVED

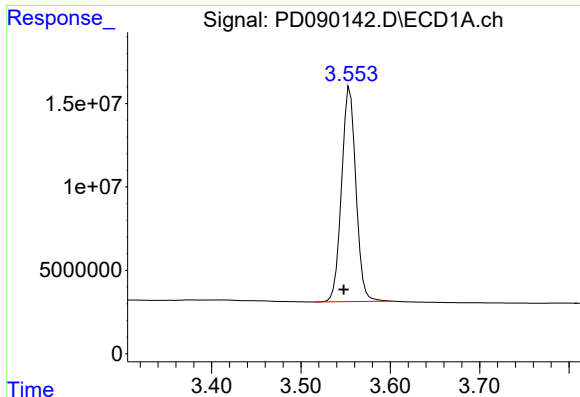
Reviewed By :Abdul Mirza 09/05/2025

Supervised By :mohammad ahmed 09/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 02:01:54 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.: 3.555 min
Delta R.T.: 0.007 min
Response: 143450257
Conc: 48.88 ng/ml

Instrument :

ECD_D

ClientSampleId :

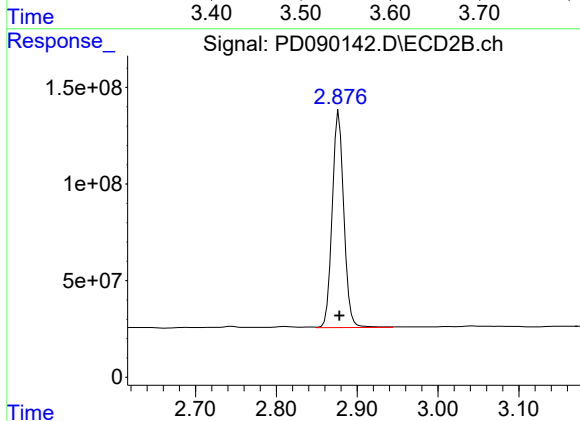
PSTDCCC050

Manual Integrations

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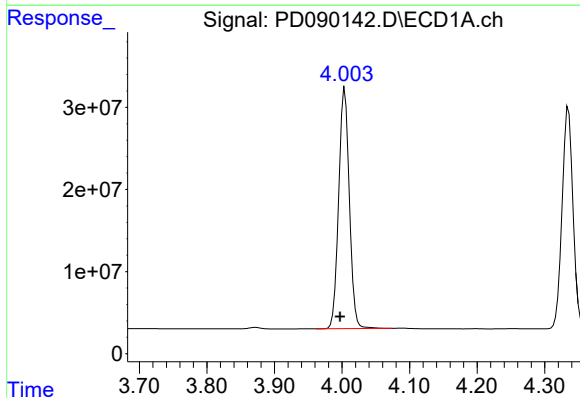
Reviewed By :Abdul Mirza 09/05/2025

Supervised By :mohammad ahmed 09/09/2025



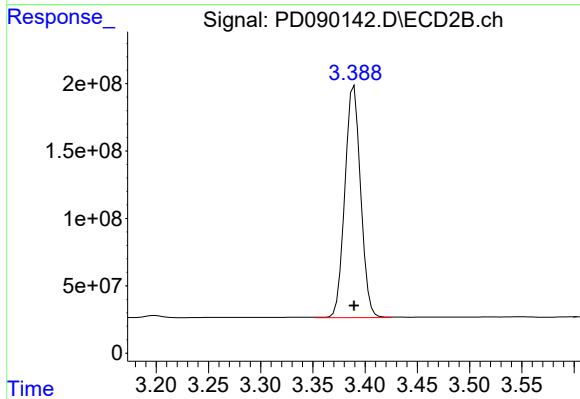
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 1121353608
Conc: 50.85 ng/ml



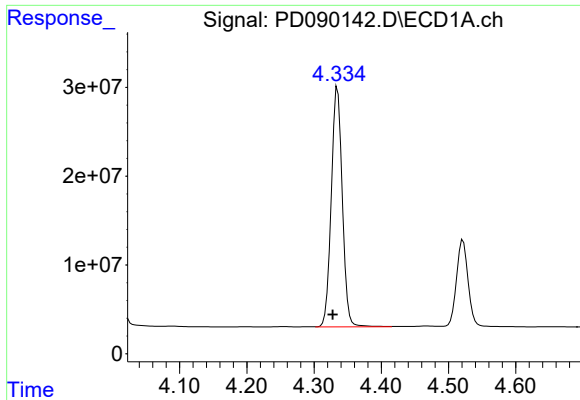
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.007 min
Response: 322674344
Conc: 53.76 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 1808154305
Conc: 53.28 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.007 min
Response: 304585513
Conc: 53.19 ng/ml

Instrument :

ECD_D

ClientSampleId :

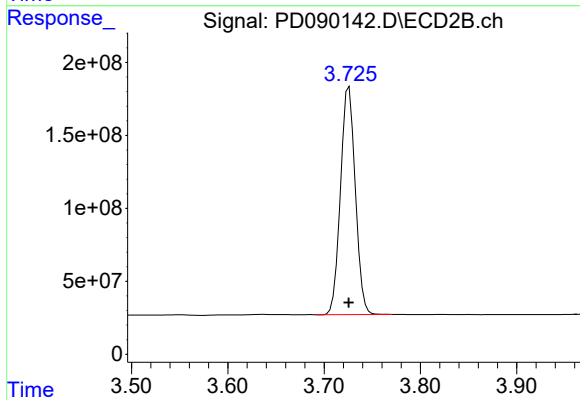
PSTDCCC050

Manual Integrations

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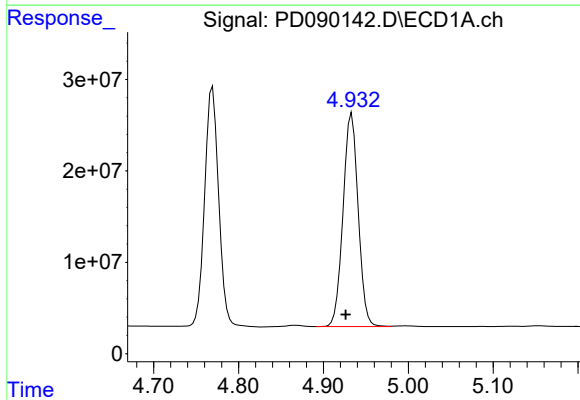
Reviewed By :Abdul Mirza 09/05/2025

Supervised By :mohammad ahmed 09/09/2025



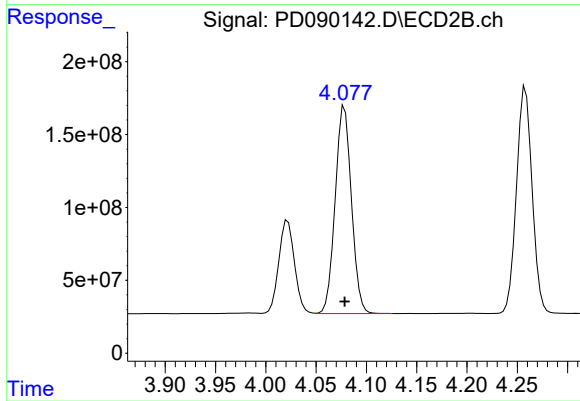
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 1665136376
Conc: 53.42 ng/ml



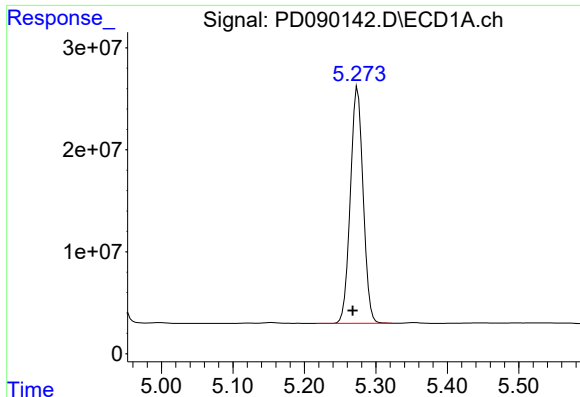
#4 Heptachlor

R.T.: 4.933 min
Delta R.T.: 0.007 min
Response: 288145095
Conc: 51.37 ng/ml



#4 Heptachlor

R.T.: 4.078 min
Delta R.T.: 0.000 min
Response: 1596320220
Conc: 51.18 ng/ml



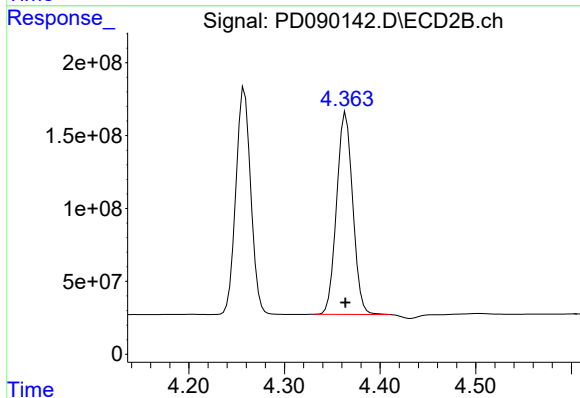
#5 Aldrin

R.T.: 5.275 min
Delta R.T.: 0.007 min
Response: 288565656
Conc: 53.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

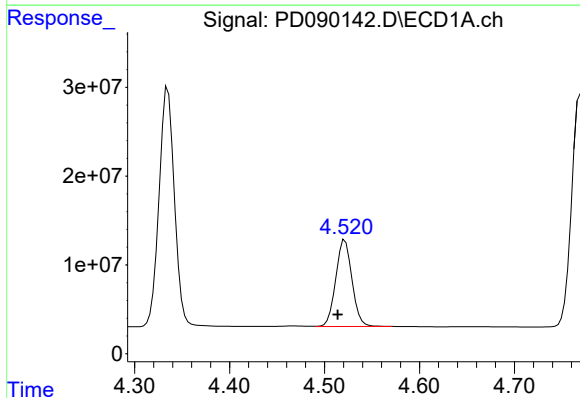
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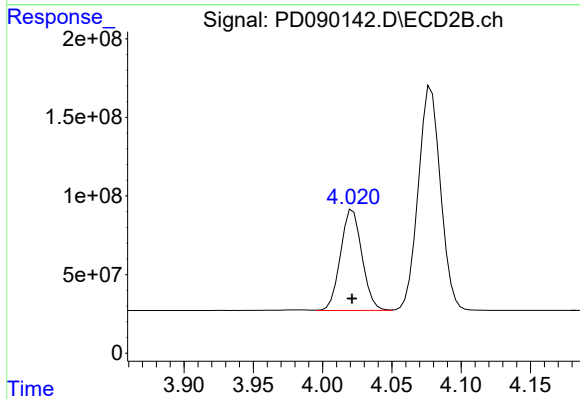
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 1625183230
Conc: 53.36 ng/ml



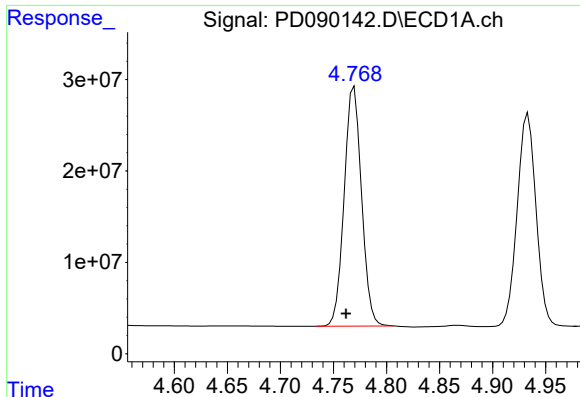
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: 0.008 min
Response: 116099220
Conc: 51.76 ng/ml



#6 beta-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 693086880
Conc: 51.99 ng/ml



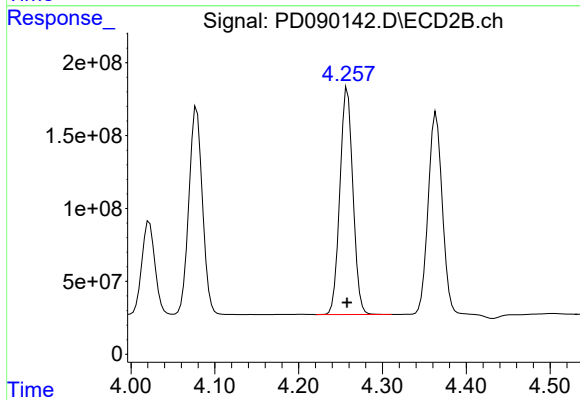
#7 delta-BHC

R.T.: 4.768 min
Delta R.T.: 0.006 min
Response: 298182418
Conc: 57.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

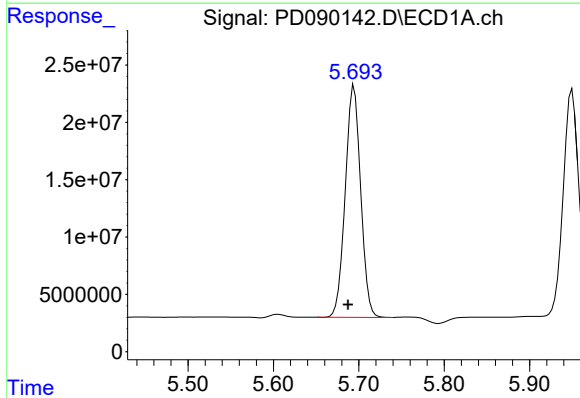
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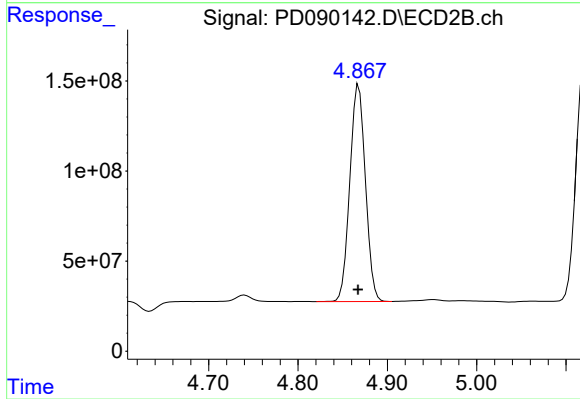
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 1681005502
Conc: 53.28 ng/ml



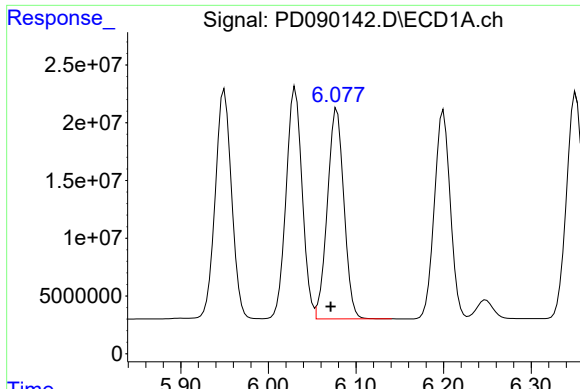
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.007 min
Response: 253571805
Conc: 51.68 ng/ml



#8 Heptachlor epoxide

R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 1460192601
Conc: 52.72 ng/ml



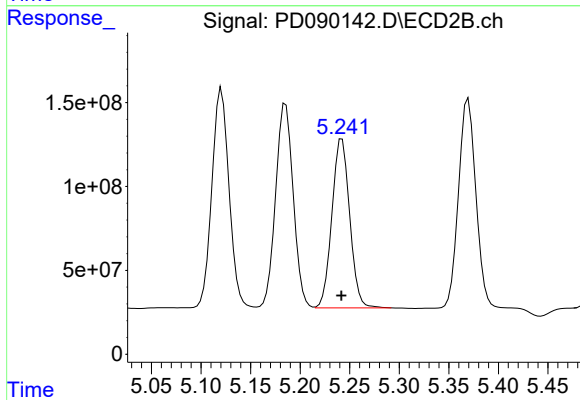
#9 Endosulfan I

R.T.: 6.078 min
Delta R.T.: 0.007 min
Response: 239290644
Conc: 51.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

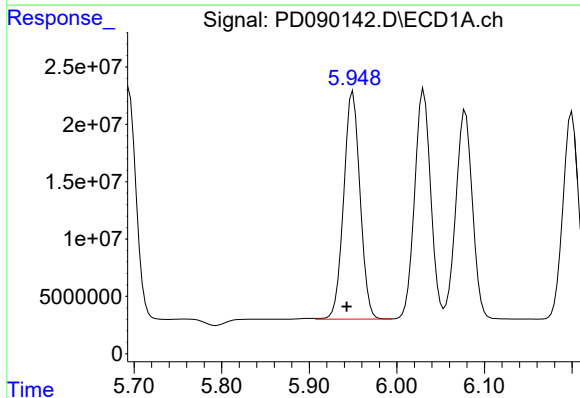
Manual Integrations
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Supervised By :mohammad ahmed 09/09/2025



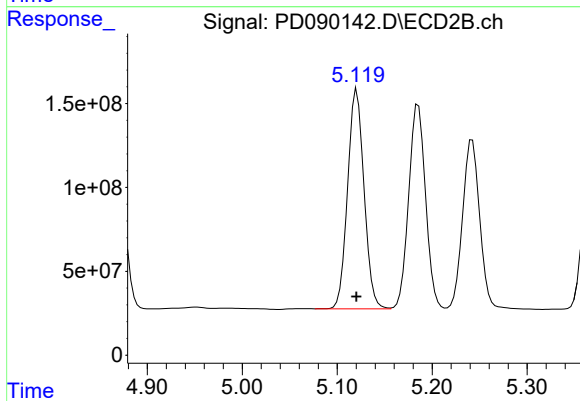
#9 Endosulfan I

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 1258357464
Conc: 47.99 ng/ml



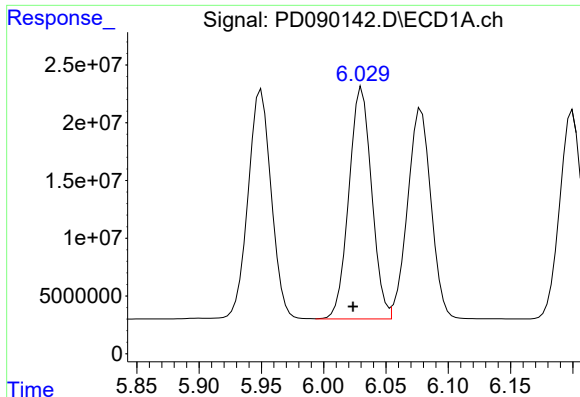
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: 0.007 min
Response: 257814110
Conc: 52.71 ng/ml



#10 gamma-Chlordane

R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 1576500912
Conc: 53.24 ng/ml



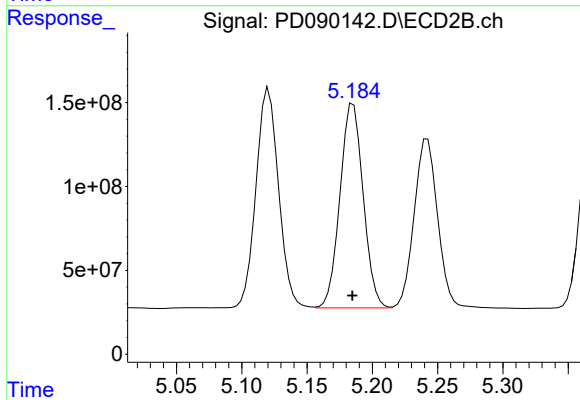
#11 alpha-Chlordane

R.T.: 6.031 min
Delta R.T.: 0.007 min
Response: 255799072
Conc: 51.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

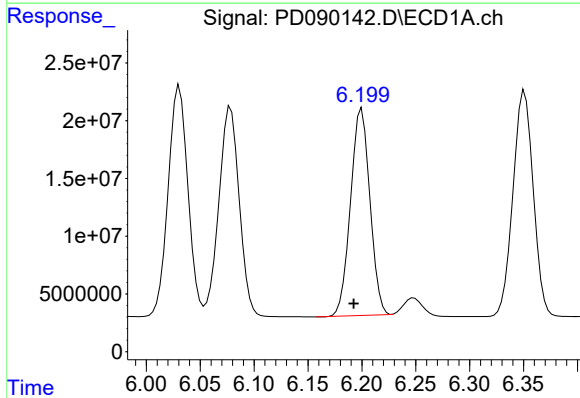
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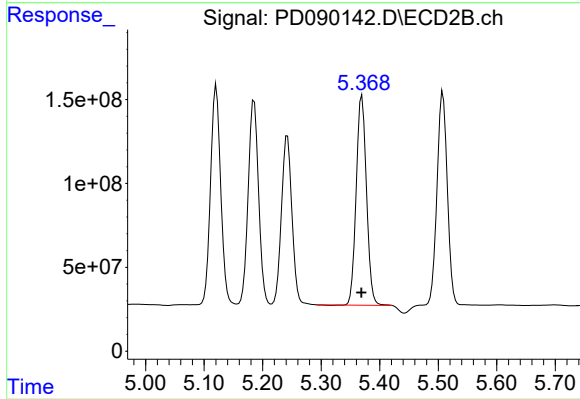
#11 alpha-Chlordane

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 1506933716
Conc: 52.80 ng/ml



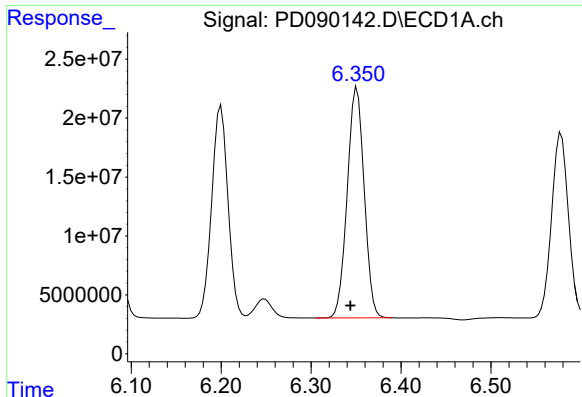
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.007 min
Response: 223966686
Conc: 51.04 ng/ml



#12 4,4'-DDE

R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 1525280792
Conc: 52.92 ng/ml



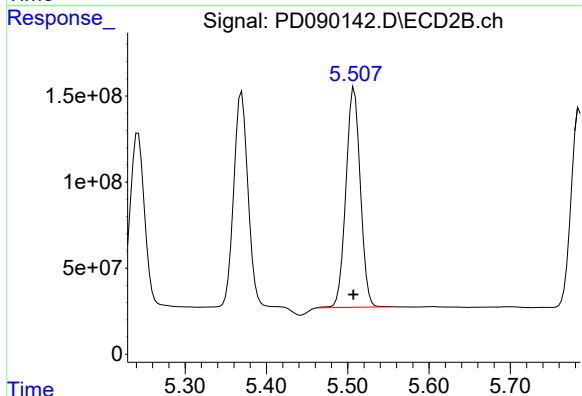
#13 Dieldrin

R.T.: 6.351 min
Delta R.T.: 0.007 min
Response: 255930212
Conc: 52.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

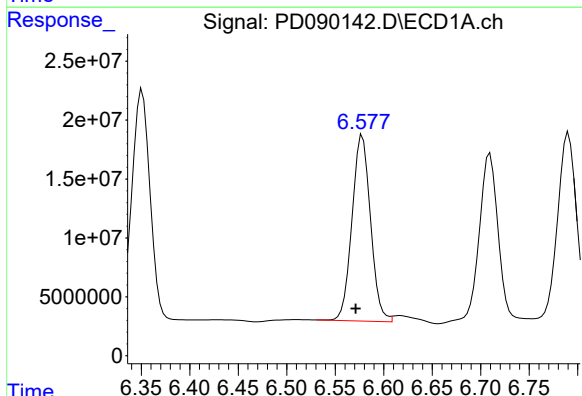
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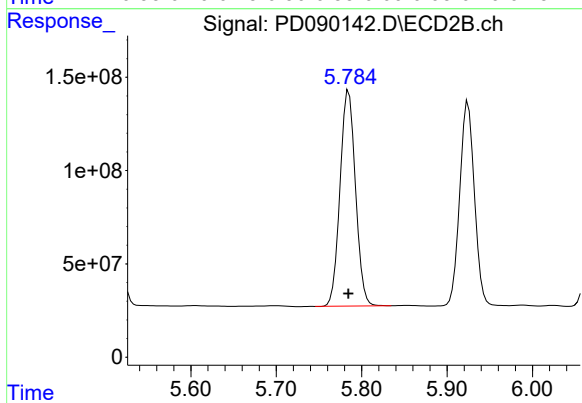
#13 Dieldrin

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 1570035828
Conc: 53.61 ng/ml



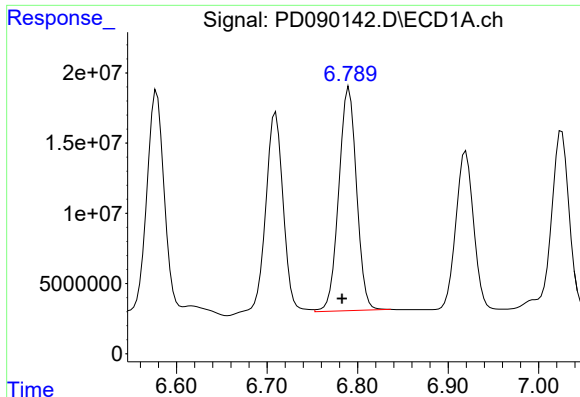
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.007 min
Response: 209740429
Conc: 50.62 ng/ml



#14 Endrin

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 1454515551
Conc: 54.61 ng/ml



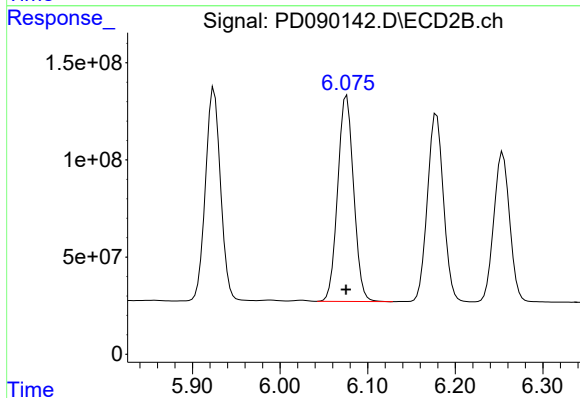
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: 0.008 min
Response: 217266032
Conc: 51.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

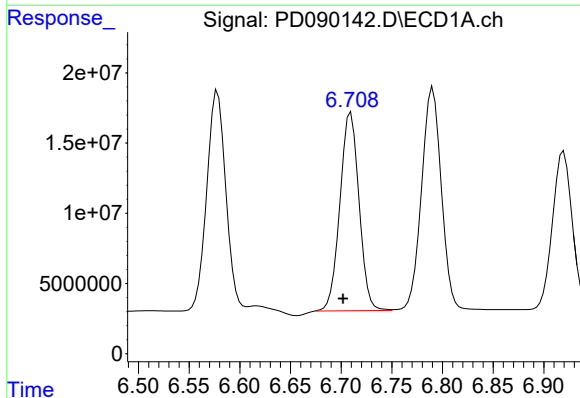
Manual Integrations
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Supervised By :mohammad ahmed 09/09/2025



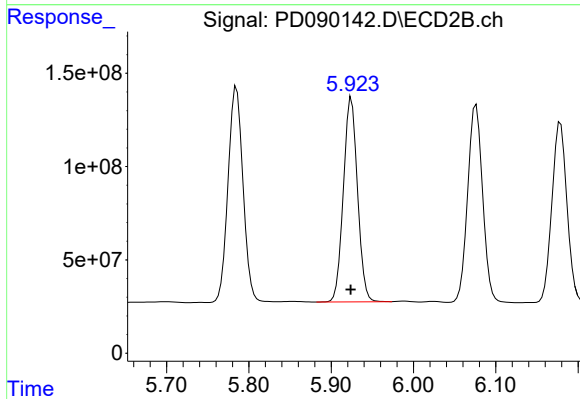
#15 Endosulfan II

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 1339403333
Conc: 52.95 ng/ml



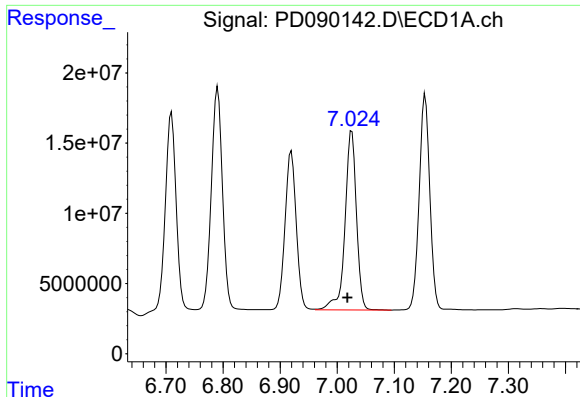
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.006 min
Response: 185202742
Conc: 53.54 ng/ml m



#16 4,4'-DDD

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 1308213891
Conc: 54.41 ng/ml



#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.008 min
Response: 178151645
Conc: 46.76 ng/ml

Instrument :

ECD_D

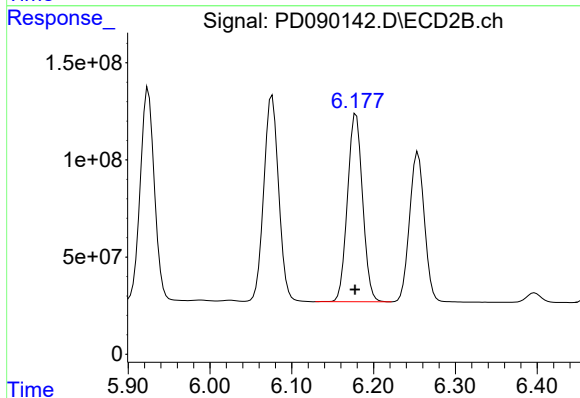
ClientSampleId :

PSTDCCC050

Manual Integrations

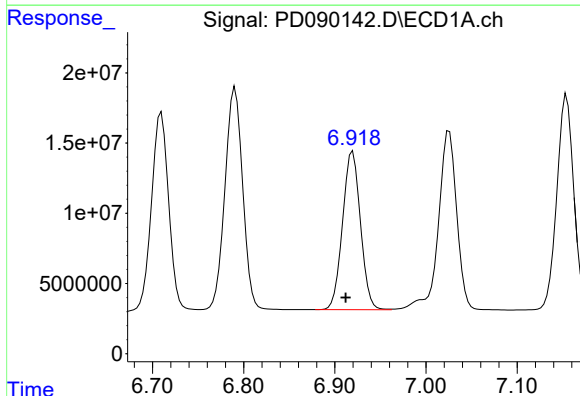
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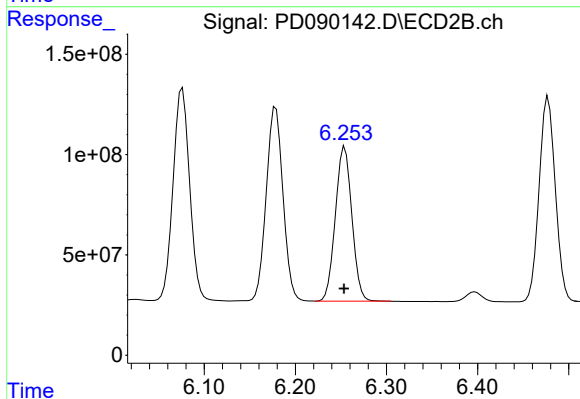
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: 0.001 min
Response: 1236967930
Conc: 49.34 ng/ml



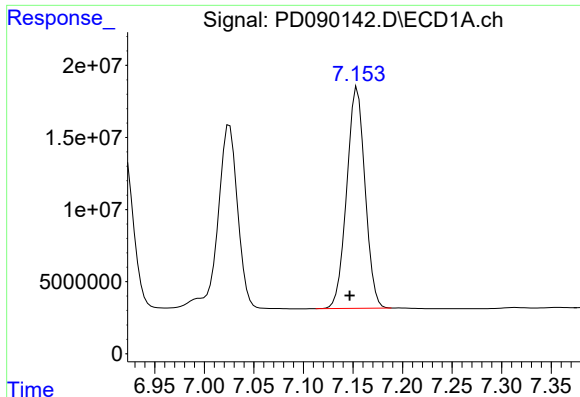
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: 0.008 min
Response: 154049448
Conc: 53.73 ng/ml



#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 968621400
Conc: 56.25 ng/ml



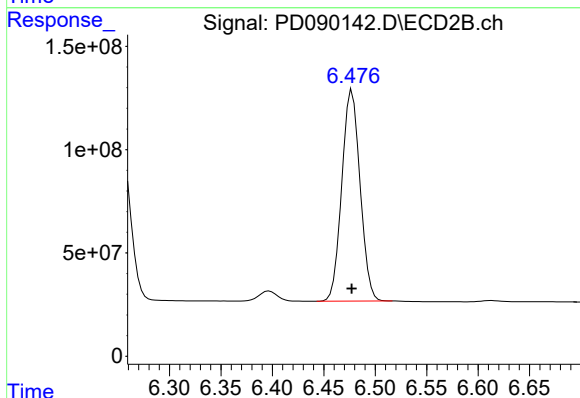
#19 Endosulfan Sulfate

R.T.: 7.154 min
Delta R.T.: 0.008 min
Response: 197388052
Conc: 50.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

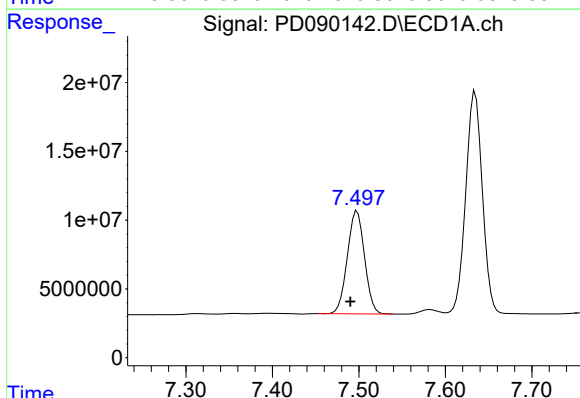
Manual Integrations
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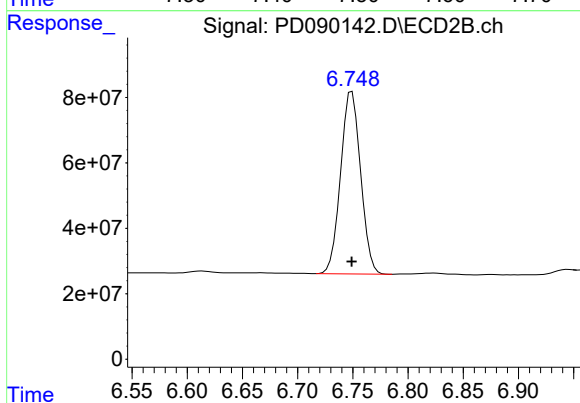
#19 Endosulfan Sulfate

R.T.: 6.478 min
Delta R.T.: 0.000 min
Response: 1263641851
Conc: 51.83 ng/ml



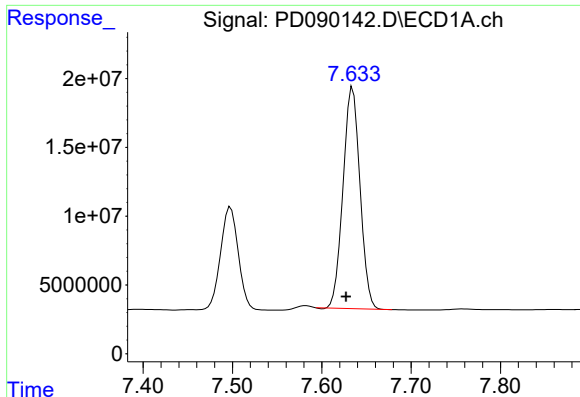
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.008 min
Response: 103001421
Conc: 51.36 ng/ml



#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 703592641
Conc: 54.56 ng/ml



#21 Endrin ketone

R.T.: 7.635 min
Delta R.T.: 0.007 min
Response: 211948307
Conc: 51.14 ng/ml

Instrument :

ECD_D

ClientSampleId :

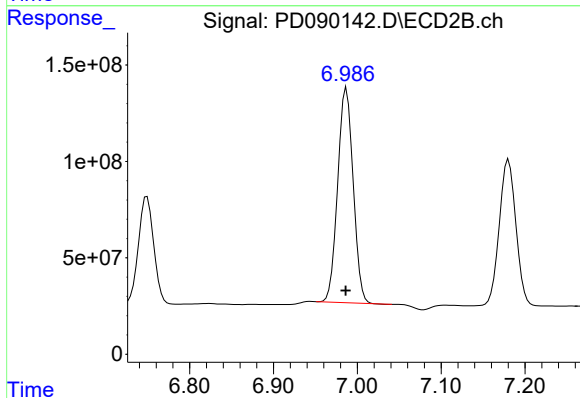
PSTDCCC050

Manual Integrations

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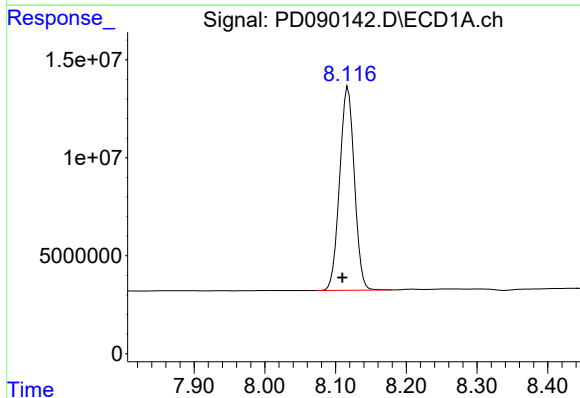
Reviewed By :Abdul Mirza 09/05/2025

Supervised By :mohammad ahmed 09/09/2025



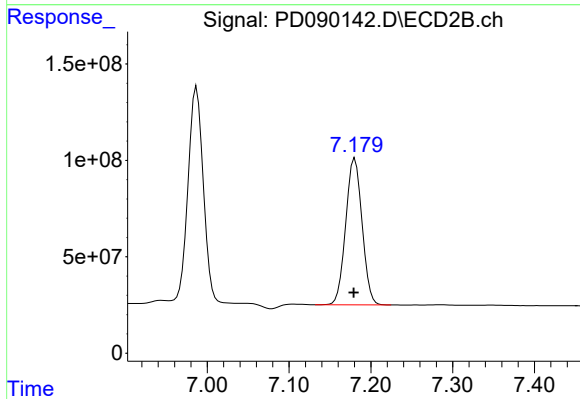
#21 Endrin ketone

R.T.: 6.987 min
Delta R.T.: 0.000 min
Response: 1427634560
Conc: 53.58 ng/ml



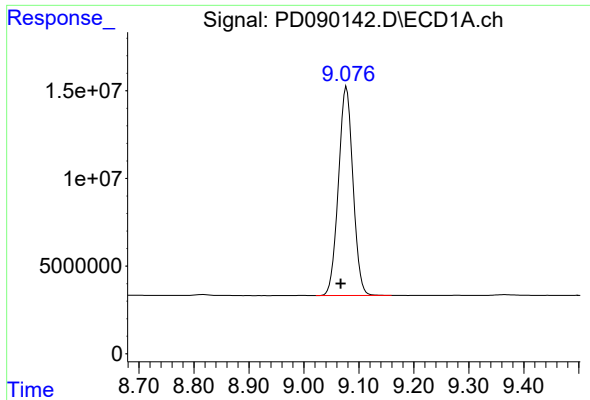
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.008 min
Response: 150371997
Conc: 47.67 ng/ml



#22 Mirex

R.T.: 7.181 min
Delta R.T.: 0.001 min
Response: 1050907174
Conc: 50.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.078 min
Delta R.T.: 0.010 min
Response: 219096766
Conc: 50.76 ng/ml

Instrument :

ECD_D

ClientSampleId :

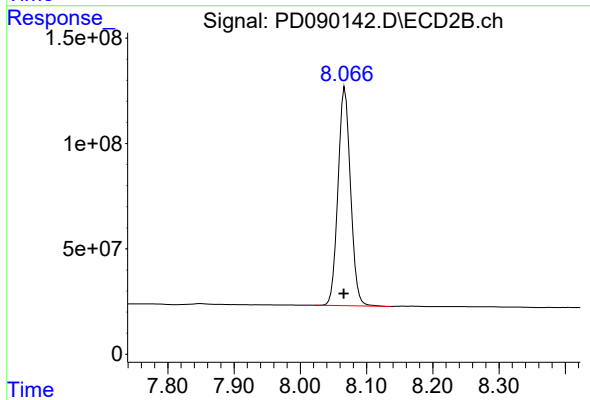
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 09/05/2025

Supervised By :mohammad ahmed 09/09/2025



#28 Decachlorobiphenyl

R.T.: 8.067 min
Delta R.T.: 0.002 min
Response: 1364294442
Conc: 52.70 ng/ml