

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100325\
 Data File : PD090494.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2025 14:41
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/03/2025
 Supervised By : mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 02:44:45 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...	3.544	2.875	158.3E6	1241.5E6	48.707	45.227
28)	SA Decachlor...	9.060	8.059	254.8E6	1561.5E6	52.801	48.172
Target Compounds							
2)	A alpha-BHC	3.994	3.386	382.3E6	2153.9E6	54.742	49.194
3)	MA gamma-BHC...	4.324	3.722	360.9E6	1991.8E6	54.539	48.897
4)	MA Heptachlor	4.922	4.074	370.8E6	2007.2E6	56.078	49.297
5)	MB Aldrin	5.264	4.360	352.7E6	1947.1E6	55.541	48.758
6)	B beta-BHC	4.511	4.018	133.5E6	813.3E6	51.734	46.917
7)	B delta-BHC	4.758	4.254	361.0E6	2013.8E6	55.899m	48.767
8)	B Heptachlo...	5.683	4.863	325.3E6	1797.0E6	56.922	48.746
9)	A Endosulfan I	6.065	5.237	297.5E6	1552.9E6	55.085m	44.875
10)	B gamma-Chl...	5.939	5.116	316.3E6	1914.0E6	55.370	48.719
11)	B alpha-Chl...	6.018	5.180	313.0E6	1830.1E6	54.339m	48.588
12)	B 4,4'-DDE	6.188	5.365	288.2E6	1901.5E6	55.339	49.674
13)	MA Dieldrin	6.339	5.502	329.4E6	1929.6E6	57.133	49.545
14)	MA Endrin	6.566	5.779	285.1E6	1823.2E6	58.248	50.883
15)	B Endosulfa...	6.777	6.070	275.3E6	1665.5E6	56.438m	49.348
16)	A 4,4'-DDD	6.696	5.919	232.6E6	1578.2E6	56.757m	48.668
17)	MA 4,4'-DDT	7.013	6.172	263.5E6	1694.4E6	59.185	49.287
18)	B Endrin al...	6.906	6.248	202.9E6	1250.6E6	59.150m	53.111
19)	B Endosulfa...	7.142	6.471	260.9E6	1635.3E6	56.721	50.025
20)	A Methoxychlor	7.484	6.742	134.9E6	871.1E6	57.255m	50.061
21)	B Endrin ke...	7.623	6.978	285.0E6	1886.8E6	57.608	52.262m
22)	Mirex	8.103	7.173	187.4E6	1218.4E6	50.570m	44.136

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100325\
Data File : PD090494.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 14:41
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

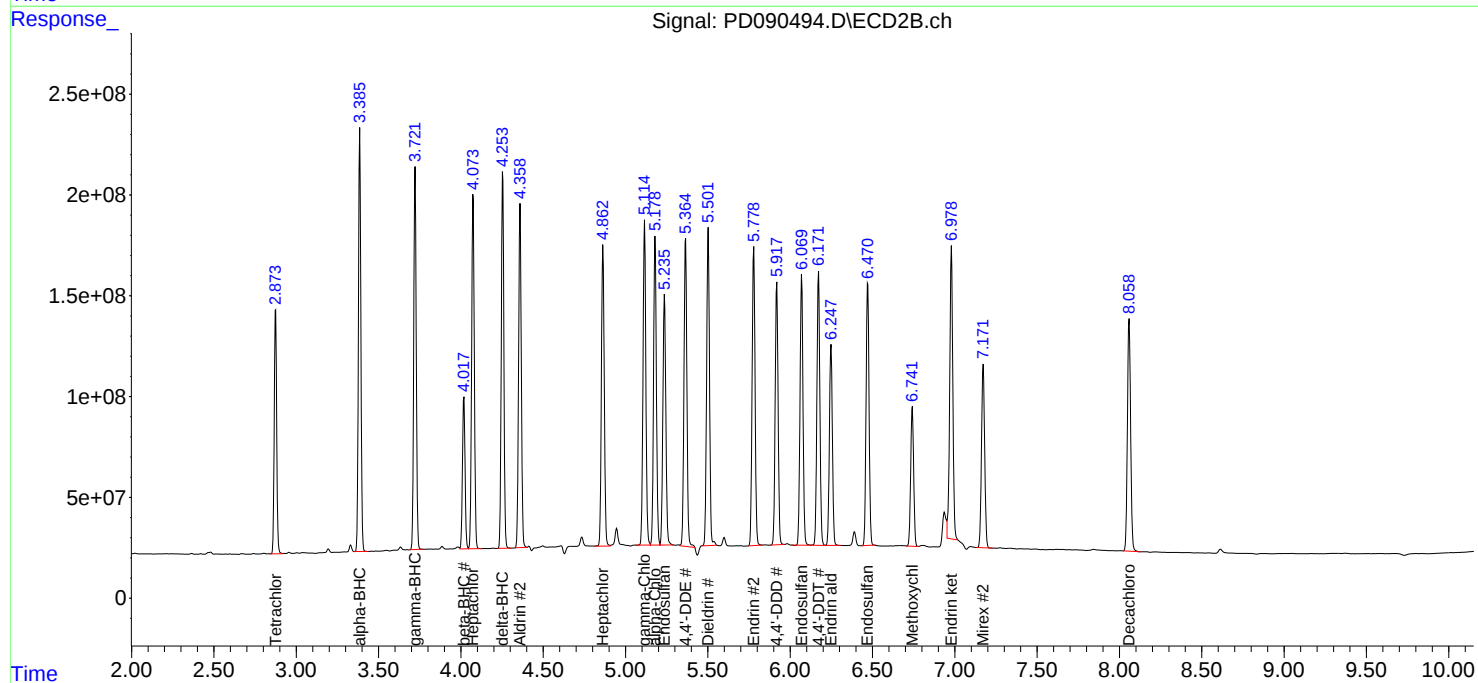
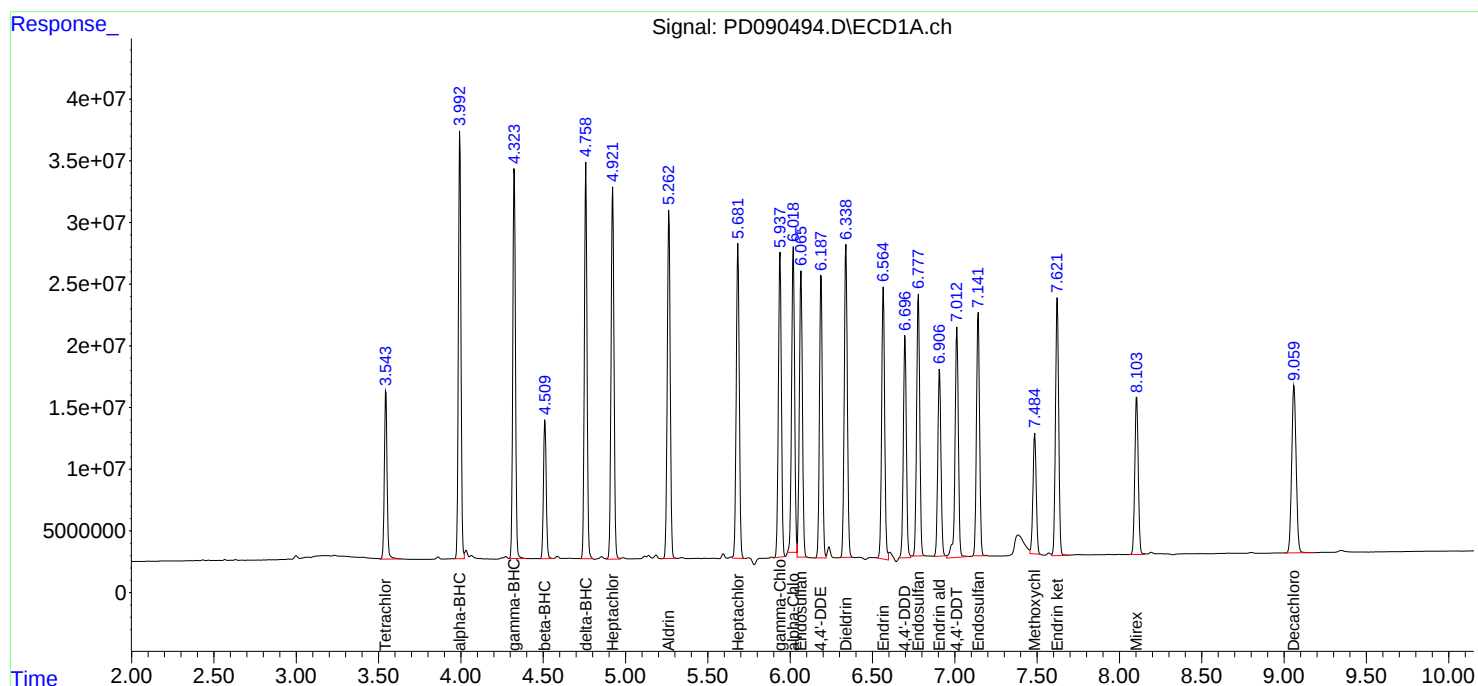
APPROVED

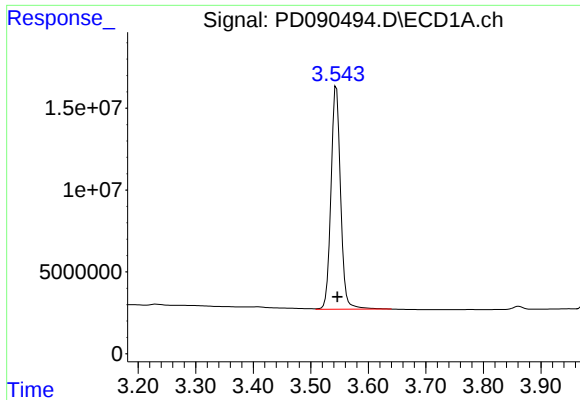
Reviewed By :Abdul Mirza 10/03/2025

Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 02:44:45 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





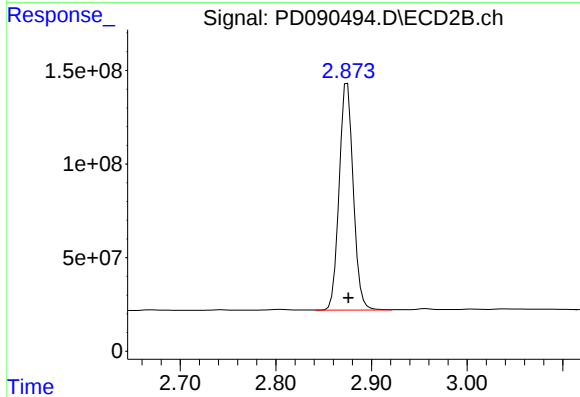
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: -0.002 min
Response: 158320671
Conc: 48.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

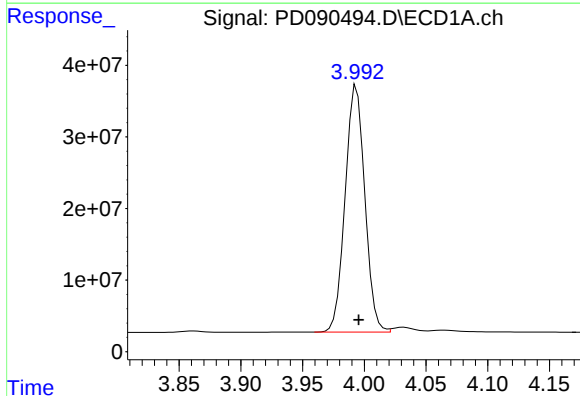
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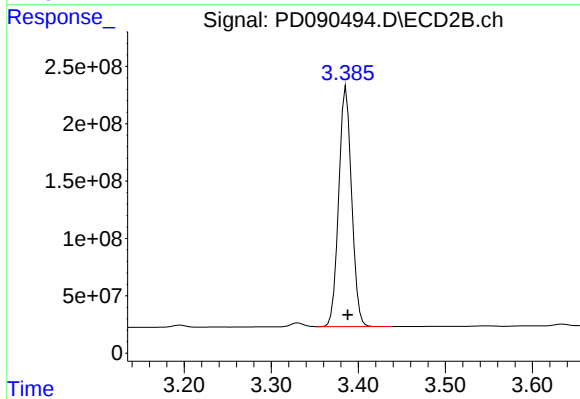
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: -0.001 min
Response: 1241486318
Conc: 45.23 ng/ml



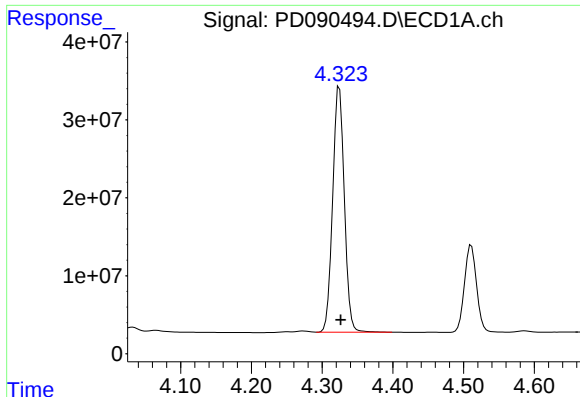
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.002 min
Response: 382346445
Conc: 54.74 ng/ml



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: -0.002 min
Response: 2153860191
Conc: 49.19 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.002 min
Response: 360878203
Conc: 54.54 ng/ml

Instrument :

ECD_D

ClientSampleId :

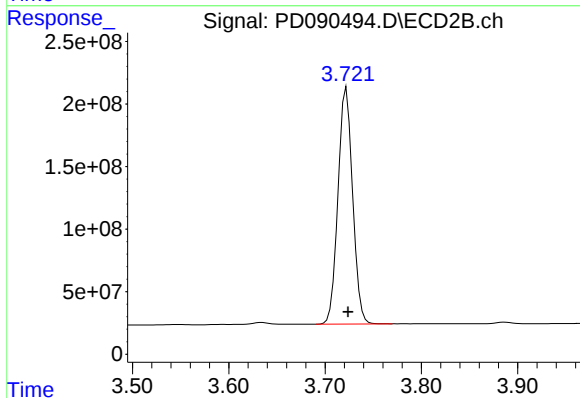
PSTDCCC050

Manual Integrations

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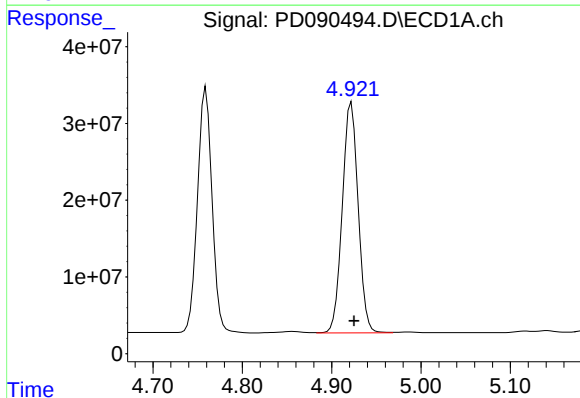
Reviewed By :Abdul Mirza 10/03/2025

Supervised By :mohammad ahmed 10/04/2025



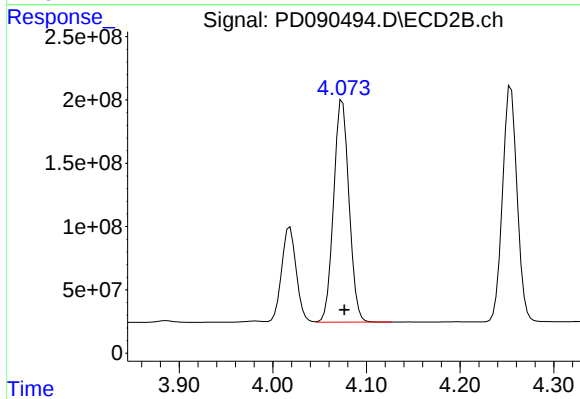
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: -0.002 min
Response: 1991844189
Conc: 48.90 ng/ml



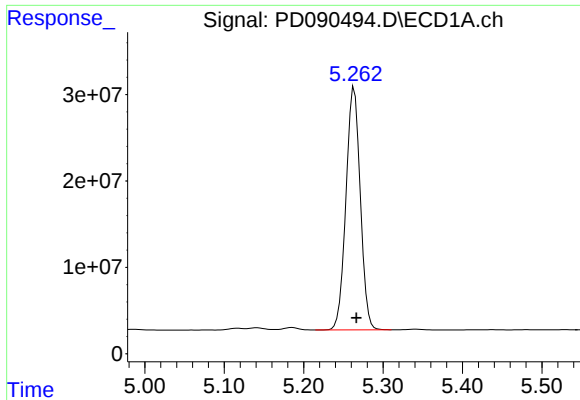
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: -0.003 min
Response: 370822668
Conc: 56.08 ng/ml



#4 Heptachlor

R.T.: 4.074 min
Delta R.T.: -0.002 min
Response: 2007227919
Conc: 49.30 ng/ml



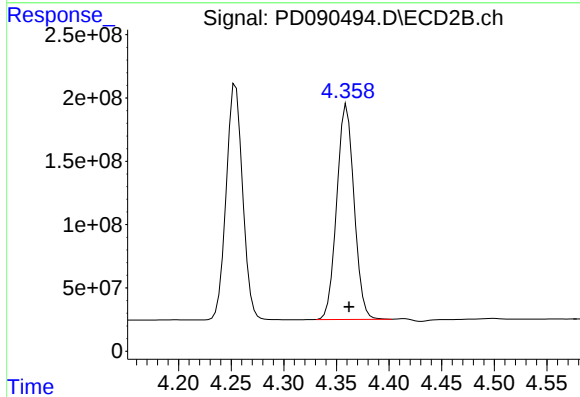
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: -0.003 min
Response: 352684168
Conc: 55.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

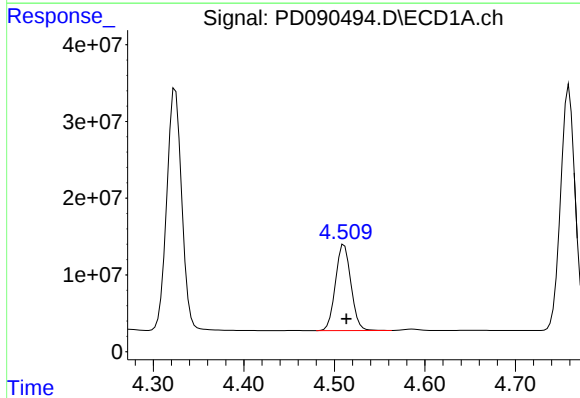
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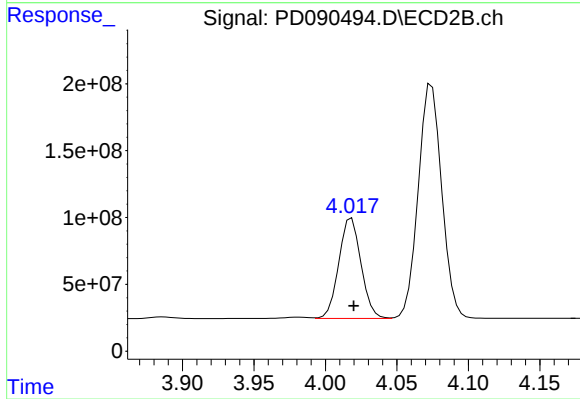
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: -0.002 min
Response: 1947136150
Conc: 48.76 ng/ml



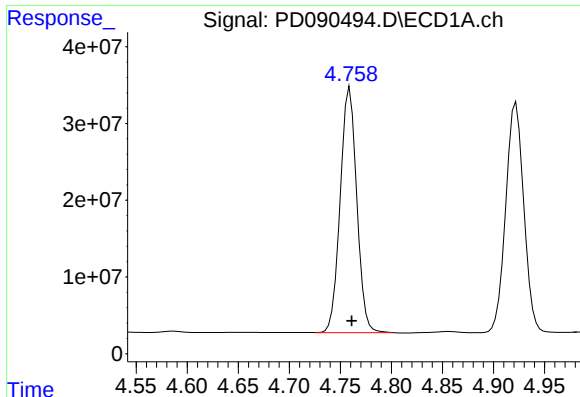
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: -0.002 min
Response: 133470636
Conc: 51.73 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: -0.001 min
Response: 813327361
Conc: 46.92 ng/ml



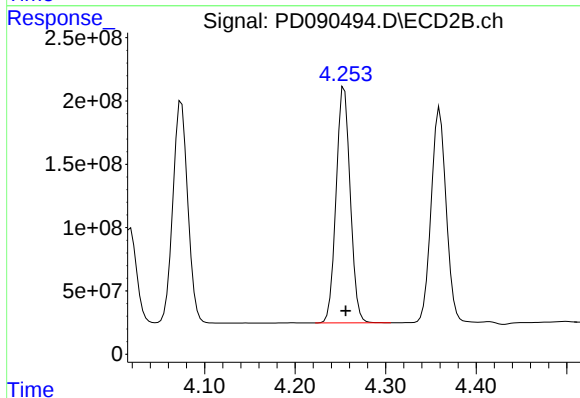
#7 delta-BHC

R.T.: 4.758 min
Delta R.T.: -0.003 min
Response: 360964666
Conc: 55.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

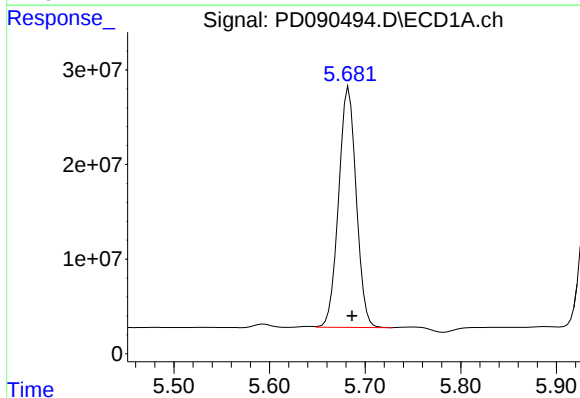
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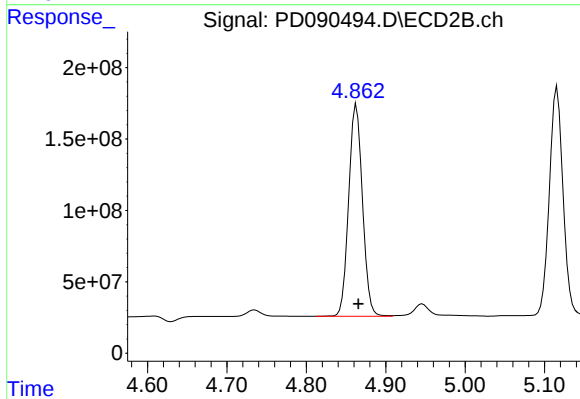
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.002 min
Response: 2013822994
Conc: 48.77 ng/ml



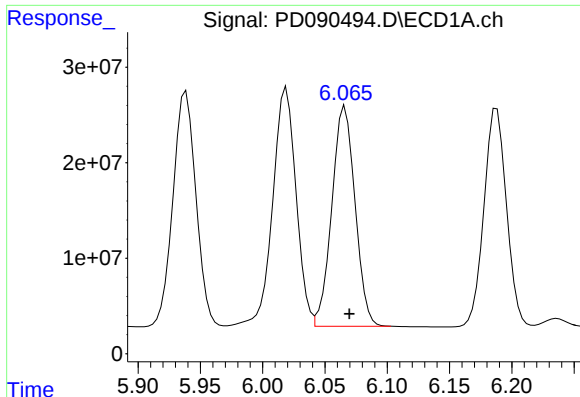
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.003 min
Response: 325306840
Conc: 56.92 ng/ml



#8 Heptachlor epoxide

R.T.: 4.863 min
Delta R.T.: -0.003 min
Response: 1797016481
Conc: 48.75 ng/ml



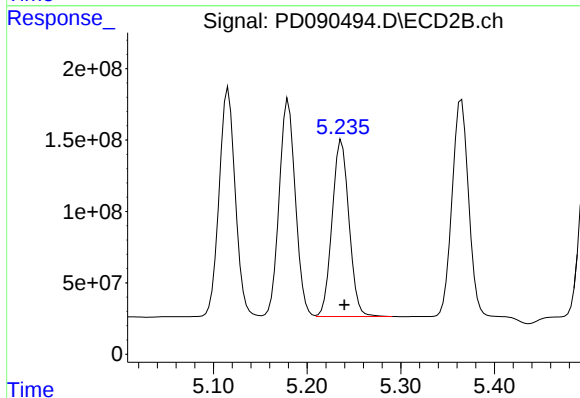
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: -0.005 min
Response: 297540137
Conc: 55.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

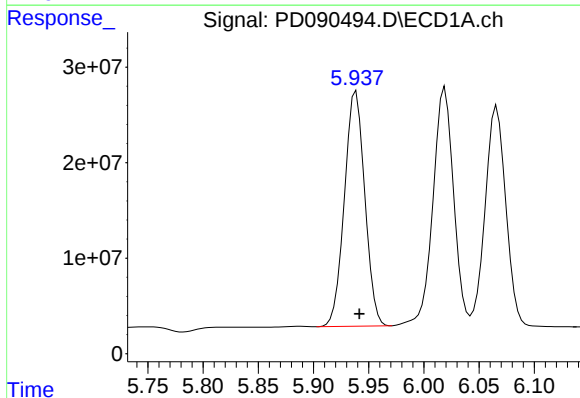
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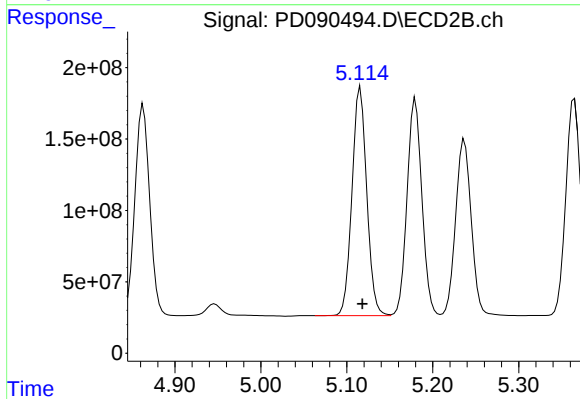
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: -0.003 min
Response: 1552894379
Conc: 44.87 ng/ml



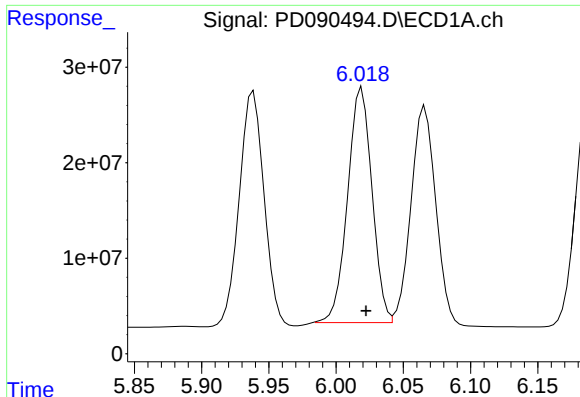
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.003 min
Response: 316268604
Conc: 55.37 ng/ml



#10 gamma-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.003 min
Response: 1913997661
Conc: 48.72 ng/ml



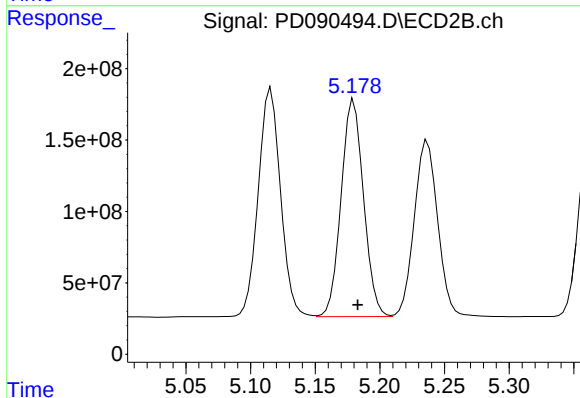
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: -0.005 min
Response: 313036932
Conc: 54.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

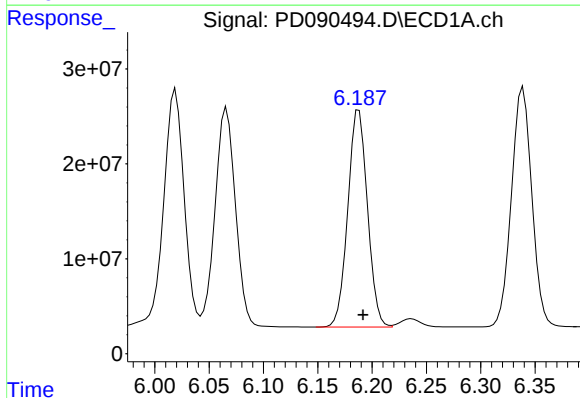
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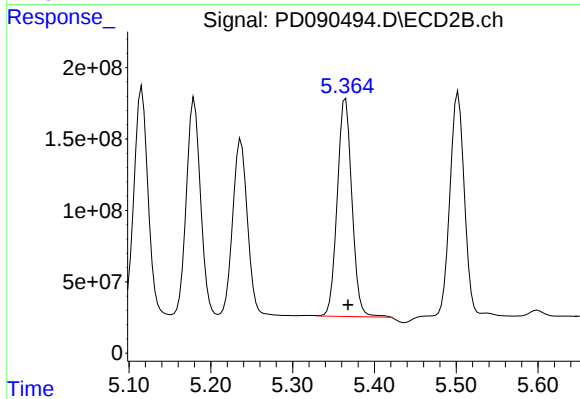
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.003 min
Response: 1830091033
Conc: 48.59 ng/ml



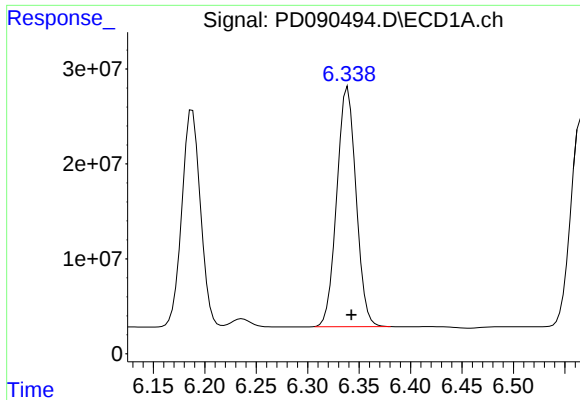
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.004 min
Response: 288179790
Conc: 55.34 ng/ml



#12 4,4'-DDE

R.T.: 5.365 min
Delta R.T.: -0.003 min
Response: 1901482490
Conc: 49.67 ng/ml



#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: -0.004 min
Response: 329351179
Conc: 57.13 ng/ml

Instrument :

ECD_D

ClientSampleId :

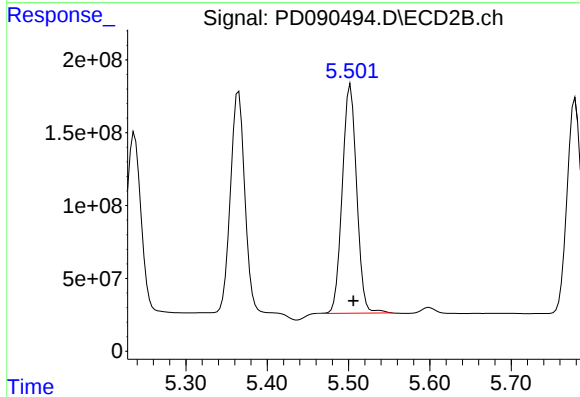
PSTDCCC050

Manual Integrations

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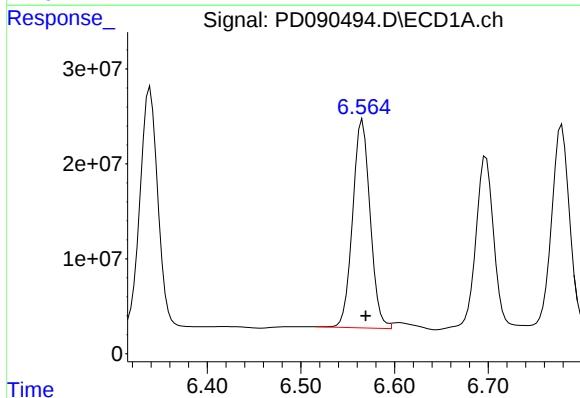
Reviewed By :Abdul Mirza 10/03/2025

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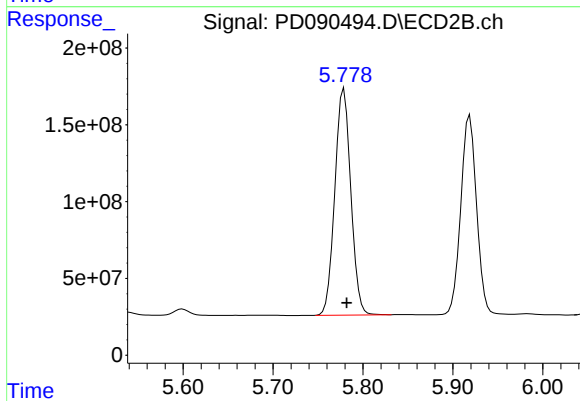
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: -0.003 min
Response: 1929577069
Conc: 49.55 ng/ml



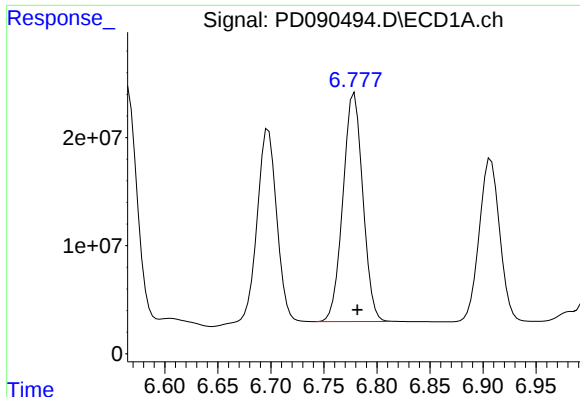
#14 Endrin

R.T.: 6.566 min
Delta R.T.: -0.004 min
Response: 285060436
Conc: 58.25 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 1823237187
Conc: 50.88 ng/ml



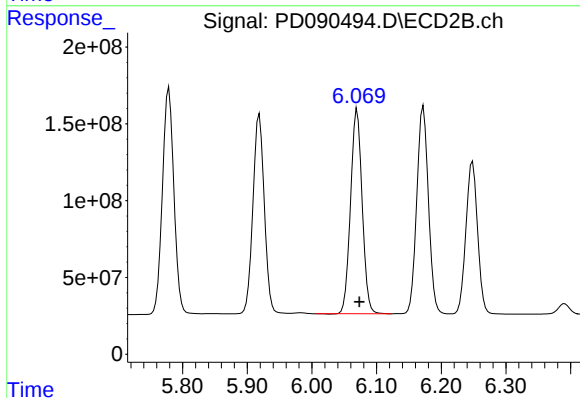
#15 Endosulfan II

R.T.: 6.777 min
Delta R.T.: -0.004 min
Response: 275292220
Conc: 56.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

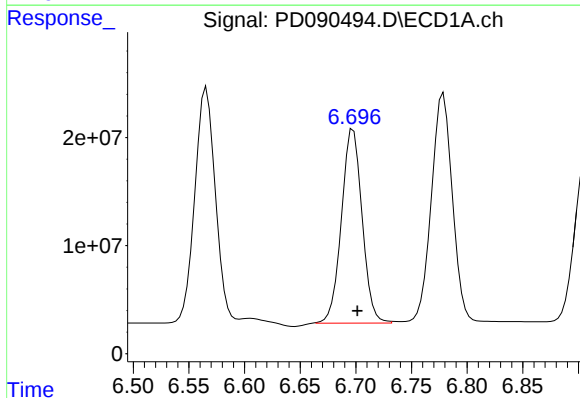
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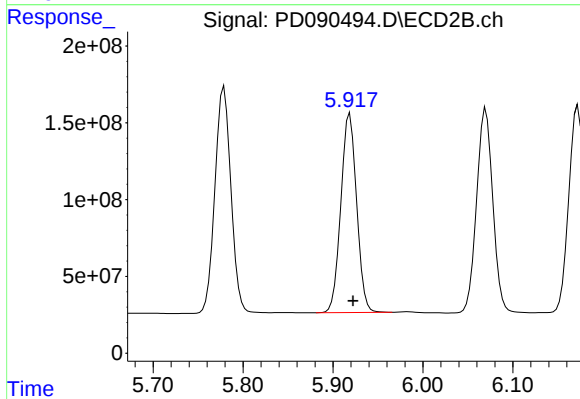
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 1665534699
Conc: 49.35 ng/ml



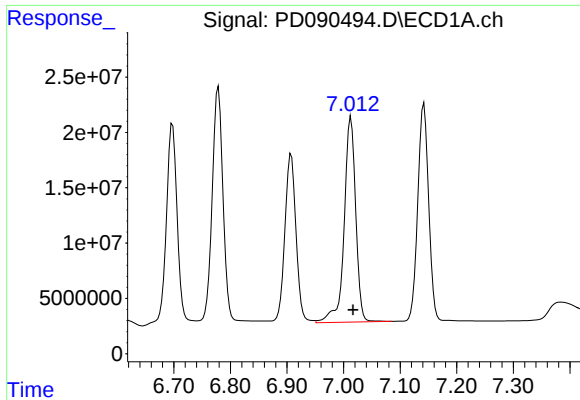
#16 4,4'-DDD

R.T.: 6.696 min
Delta R.T.: -0.005 min
Response: 232581594
Conc: 56.76 ng/ml m



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.003 min
Response: 1578196240
Conc: 48.67 ng/ml



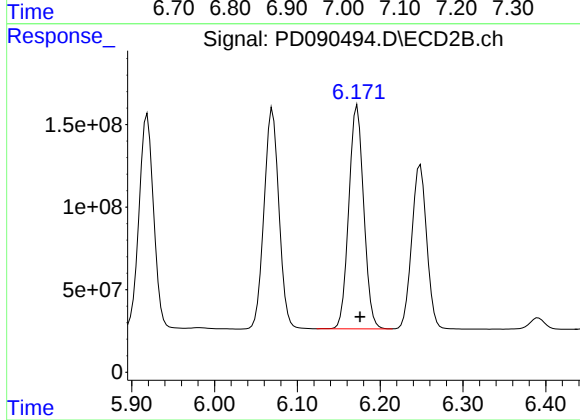
#17 4,4'-DDT

R.T.: 7.013 min
Delta R.T.: -0.004 min
Response: 263518060
Conc: 59.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

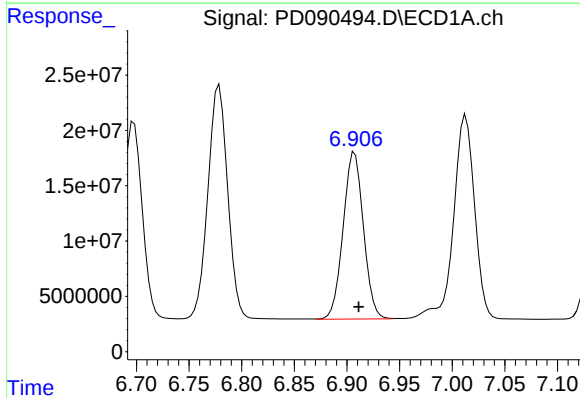
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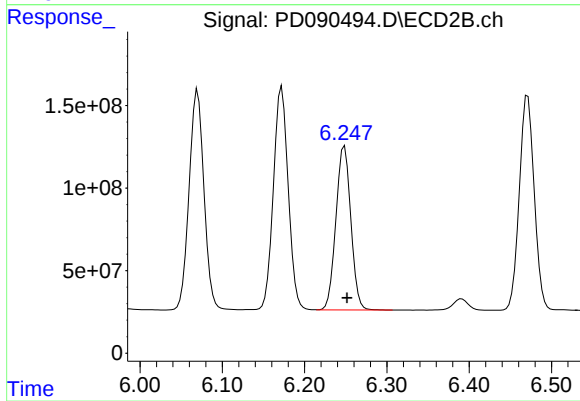
#17 4,4'-DDT

R.T.: 6.172 min
Delta R.T.: -0.003 min
Response: 1694448512
Conc: 49.29 ng/ml



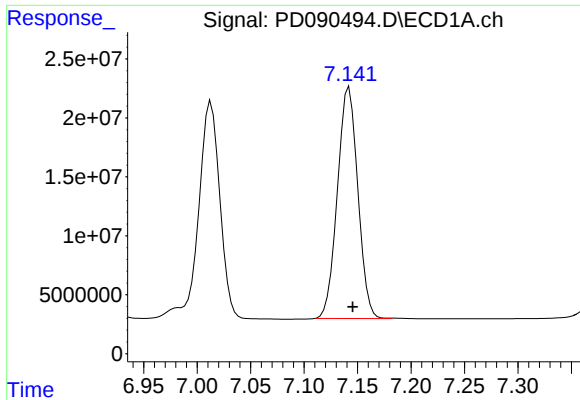
#18 Endrin aldehyde

R.T.: 6.906 min
Delta R.T.: -0.005 min
Response: 202920575
Conc: 59.15 ng/ml m



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.003 min
Response: 1250590482
Conc: 53.11 ng/ml



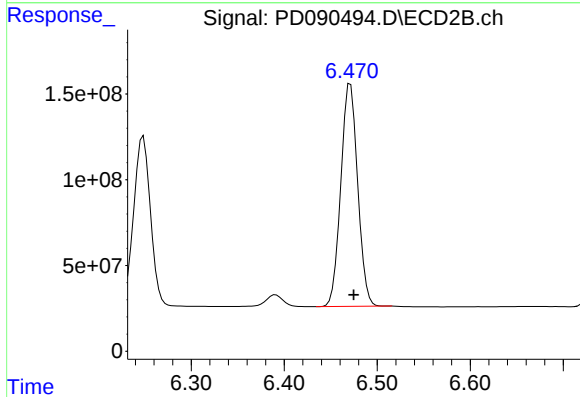
#19 Endosulfan Sulfate

R.T.: 7.142 min
Delta R.T.: -0.003 min
Response: 260936100
Conc: 56.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

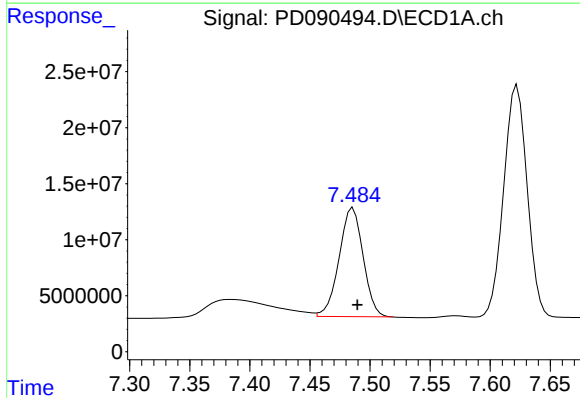
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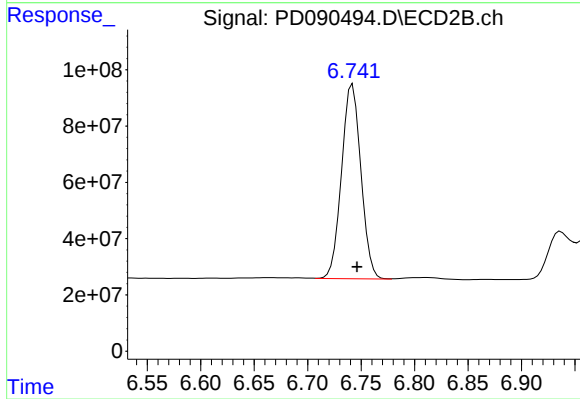
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.004 min
Response: 1635325660
Conc: 50.02 ng/ml



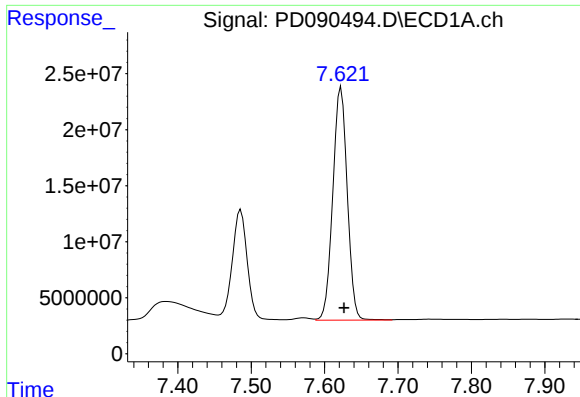
#20 Methoxychlor

R.T.: 7.484 min
Delta R.T.: -0.005 min
Response: 134921477
Conc: 57.25 ng/ml m



#20 Methoxychlor

R.T.: 6.742 min
Delta R.T.: -0.004 min
Response: 871086107
Conc: 50.06 ng/ml



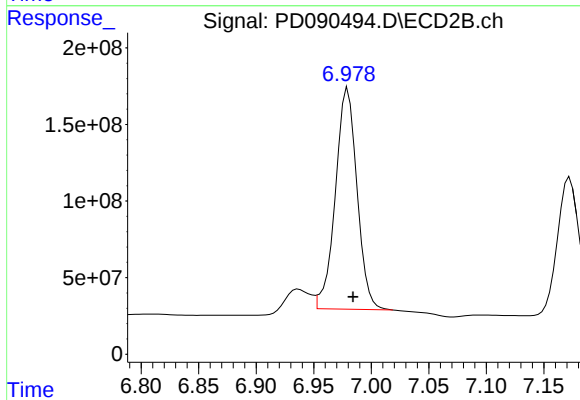
#21 Endrin ketone

R.T.: 7.623 min
Delta R.T.: -0.004 min
Response: 285008125
Conc: 57.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

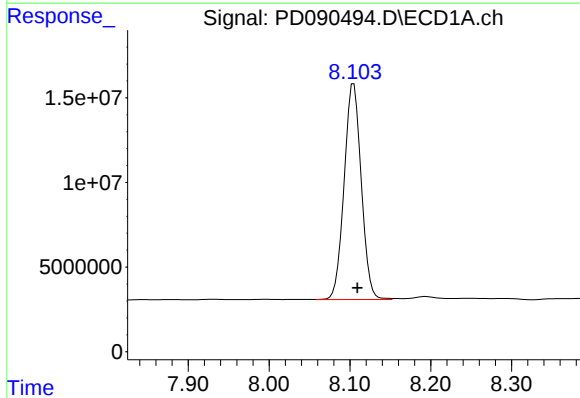
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/04/2025



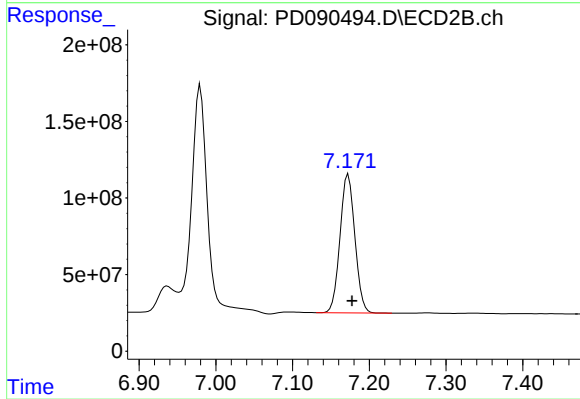
#21 Endrin ketone

R.T.: 6.978 min
Delta R.T.: -0.006 min
Response: 1886796741
Conc: 52.26 ng/ml m



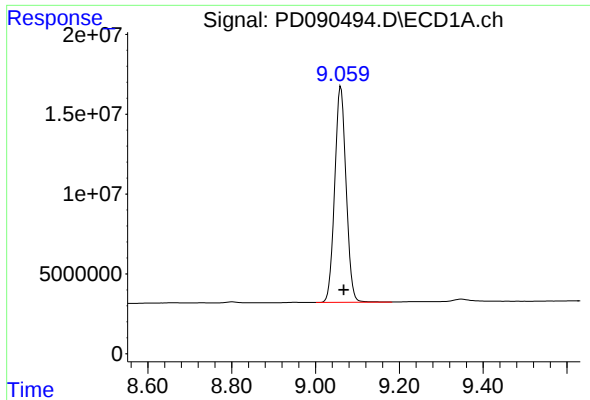
#22 Mirex

R.T.: 8.103 min
Delta R.T.: -0.006 min
Response: 187352987
Conc: 50.57 ng/ml m



#22 Mirex

R.T.: 7.173 min
Delta R.T.: -0.005 min
Response: 1218430005
Conc: 44.14 ng/ml



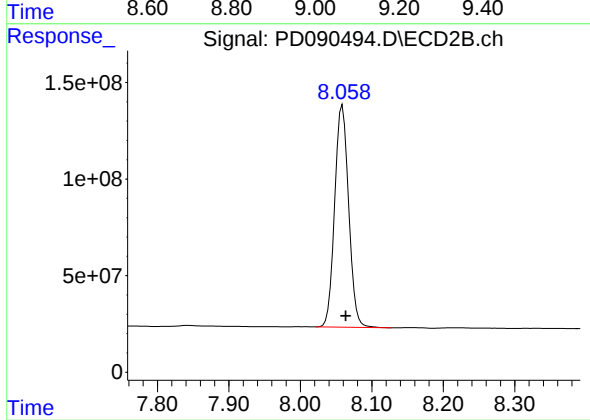
#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: -0.007 min
Response: 254768891
Conc: 52.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/04/2025



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.005 min
Response: 1561487458
Conc: 48.17 ng/ml