

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101425\
 Data File : PD090573.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2025 11:18
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/15/2025
 Supervised By : mohammad ahmed 10/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 07:36:14 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...	3.551	2.874	147.6E6	1351.7E6	45.418	49.241
28)	SA Decachlor...	9.073	8.063	221.9E6	1555.1E6	45.991	47.976
Target Compounds							
2)	A alpha-BHC	4.001	3.386	343.2E6	2228.3E6	49.135	50.894
3)	MA gamma-BHC...	4.332	3.723	322.4E6	2065.9E6	48.727	50.714
4)	MA Heptachlor	4.930	4.075	301.6E6	1986.5E6	45.604	48.789
5)	MB Aldrin	5.272	4.361	308.2E6	2046.9E6	48.543	51.256
6)	B beta-BHC	4.519	4.019	122.6E6	874.0E6	47.502	50.416
7)	B delta-BHC	4.766	4.256	319.2E6	2089.2E6	49.429m	50.592
8)	B Heptachlo...	5.692	4.865	270.1E6	1868.0E6	47.254	50.672
9)	A Endosulfan I	6.075	5.239	258.7E6	1769.5E6	47.895	51.135
10)	B gamma-Chl...	5.948	5.118	277.7E6	2019.7E6	48.617	51.409
11)	B alpha-Chl...	6.028	5.183	277.0E6	1929.6E6	48.088	51.231
12)	B 4,4'-DDE	6.198	5.367	255.2E6	1971.9E6	49.001	51.513
13)	MA Dieldrin	6.348	5.505	276.9E6	1983.3E6	48.041	50.925
14)	MA Endrin	6.575	5.782	236.9E6	1786.9E6	48.408	49.869
15)	B Endosulfa...	6.788	6.073	236.7E6	1724.9E6	48.529	51.108
16)	A 4,4'-DDD	6.707	5.922	196.0E6	1633.5E6	47.824	50.374
17)	MA 4,4'-DDT	7.022	6.176	203.2E6	1691.5E6	45.634	49.202
18)	B Endrin al...	6.917	6.251	167.0E6	1230.8E6	48.679	52.269
19)	B Endosulfa...	7.152	6.475	212.5E6	1613.1E6	46.202	49.344
20)	A Methoxychlor	7.495	6.746	101.4E6	799.4E6	43.051	45.940
21)	B Endrin ke...	7.632	6.984	230.4E6	1789.0E6	46.570	49.552
22)	Mirex	8.114	7.177	166.9E6	1361.7E6	45.048	49.325

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101425\
Data File : PD090573.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2025 11:18
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

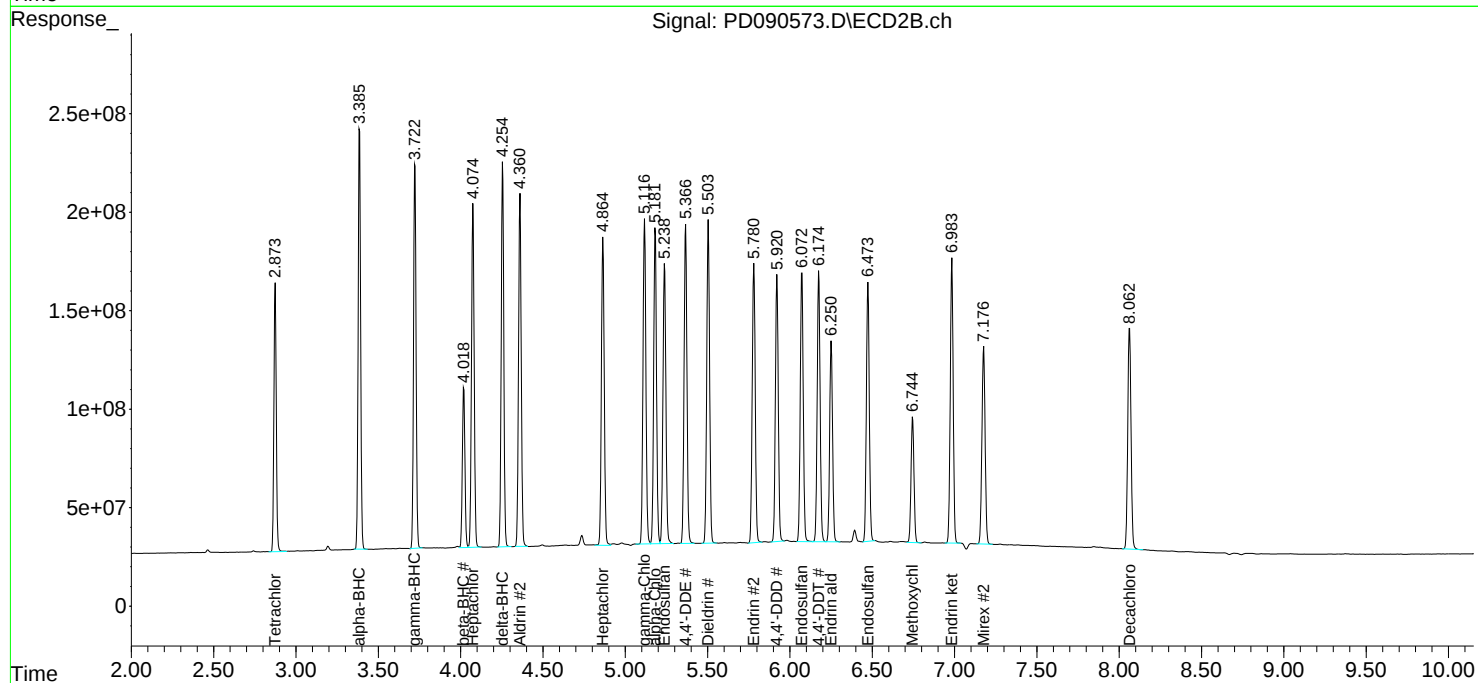
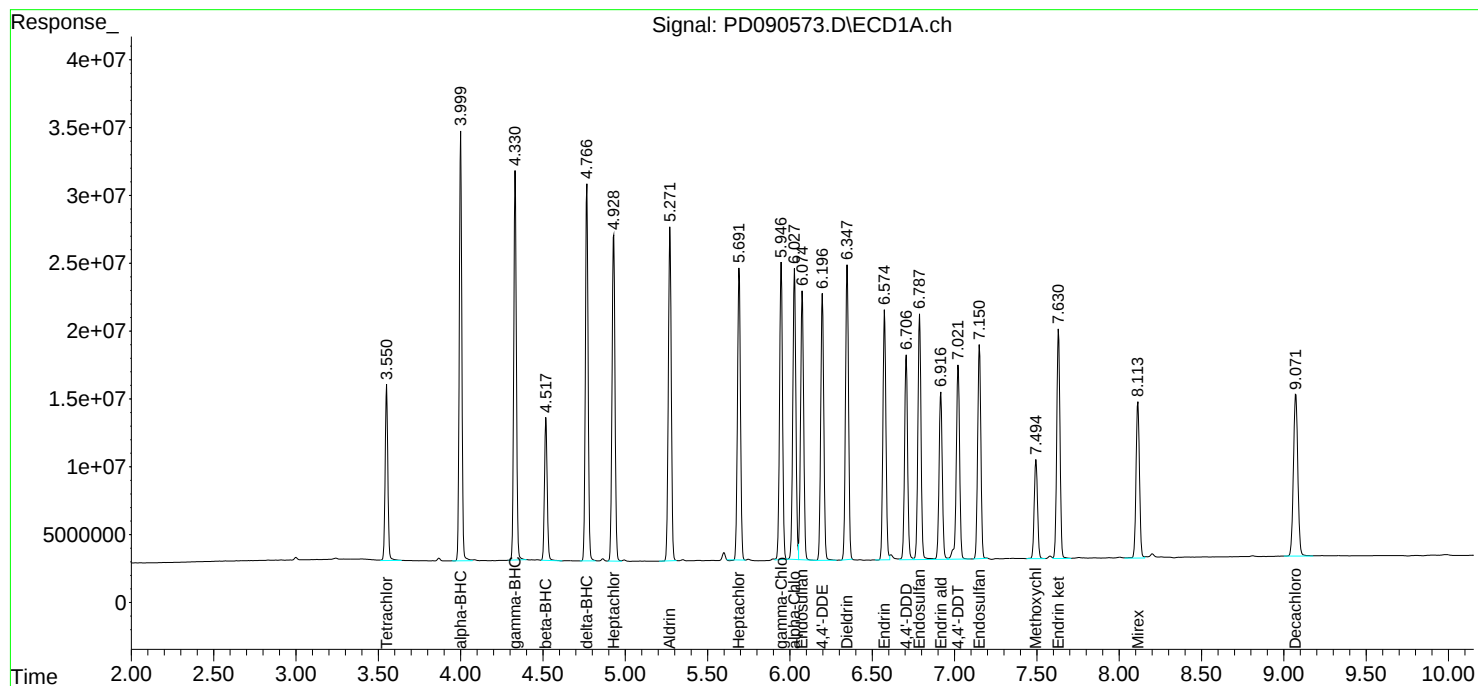
APPROVED

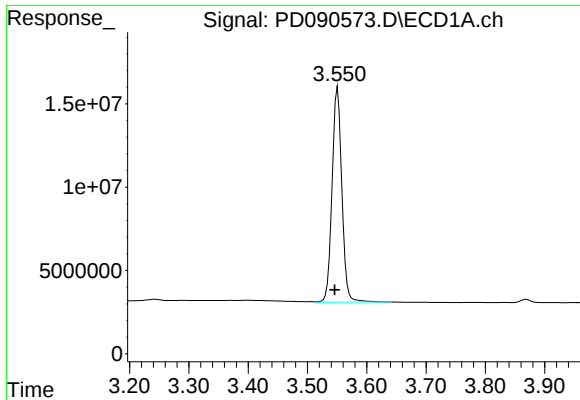
Reviewed By :Abdul Mirza 10/15/2025

Supervised By :mohammad ahmed 10/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 07:36:14 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.: 3.551 min
Delta R.T.: 0.005 min
Response: 147630237
Conc: 45.42 ng/ml

Instrument :

ECD_D

ClientSampleId :

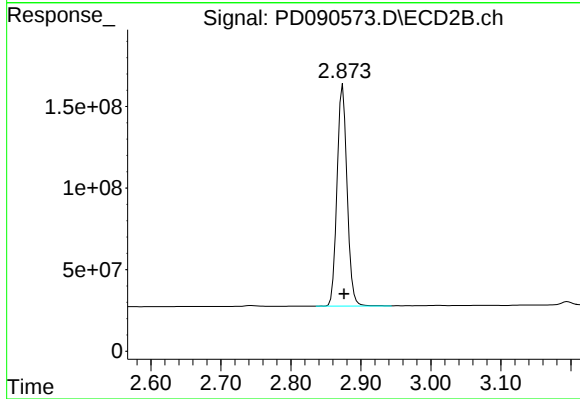
PSTDCCC050

Manual Integrations

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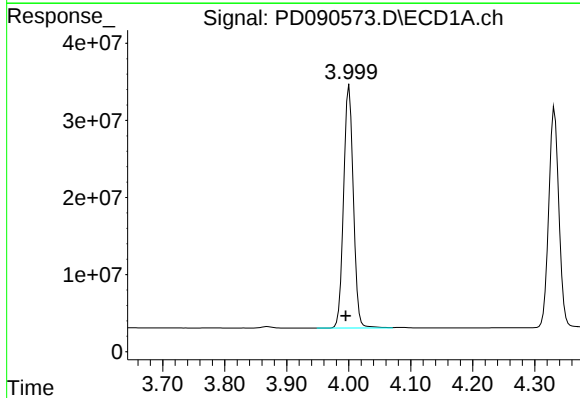
Reviewed By :Abdul Mirza 10/15/2025

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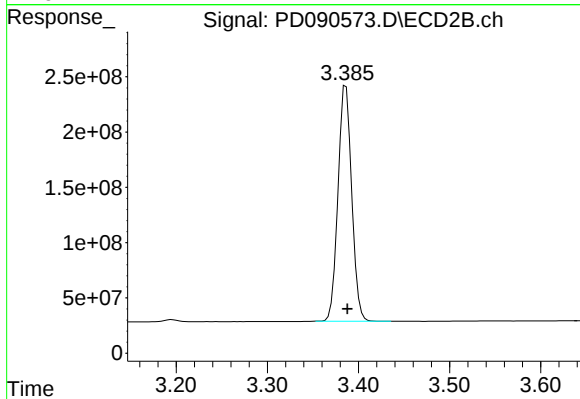
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.002 min
Response: 1351656231
Conc: 49.24 ng/ml



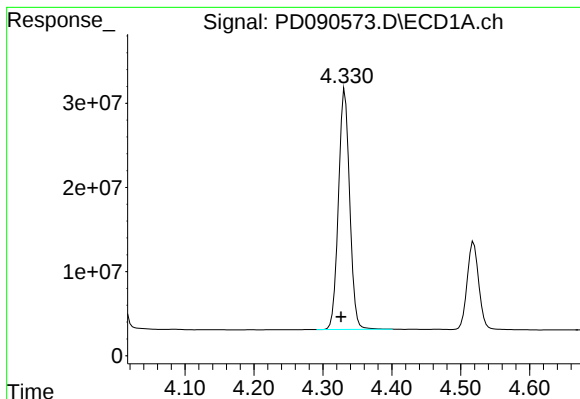
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.005 min
Response: 343185590
Conc: 49.14 ng/ml



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: -0.002 min
Response: 2228296904
Conc: 50.89 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.006 min
Response: 322422526
Conc: 48.73 ng/ml

Instrument :

ECD_D

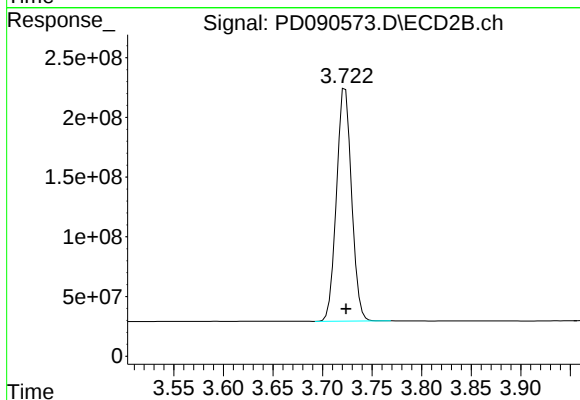
ClientSampleId :

PSTDCCC050

Manual Integrations

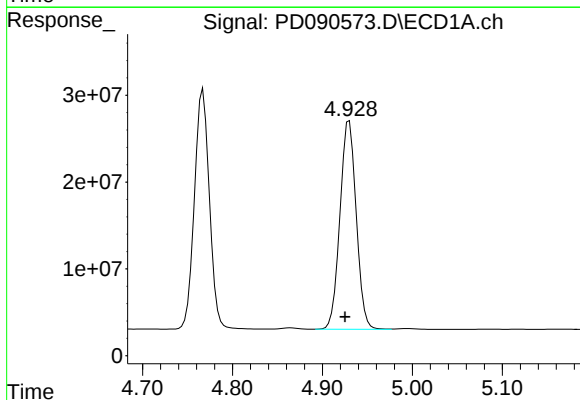
APPROVED

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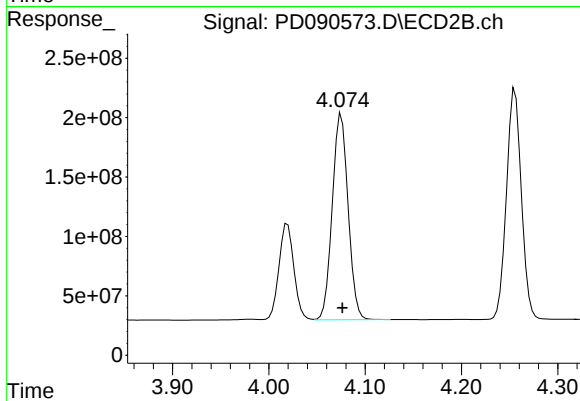
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 2065871599
Conc: 50.71 ng/ml



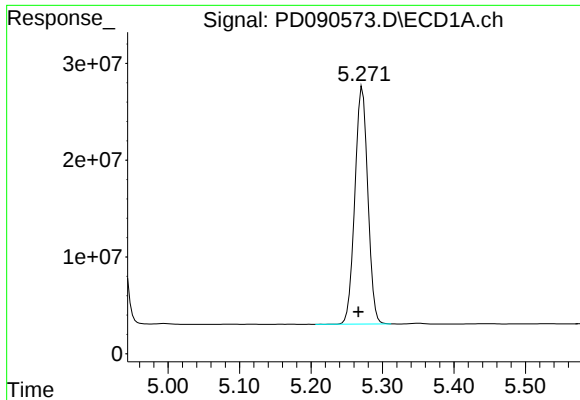
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: 0.005 min
Response: 301561674
Conc: 45.60 ng/ml



#4 Heptachlor

R.T.: 4.075 min
Delta R.T.: -0.001 min
Response: 1986517973
Conc: 48.79 ng/ml



#5 Aldrin

R.T.: 5.272 min
Delta R.T.: 0.006 min
Response: 308244370
Conc: 48.54 ng/ml

Instrument :

ECD_D

ClientSampleId :

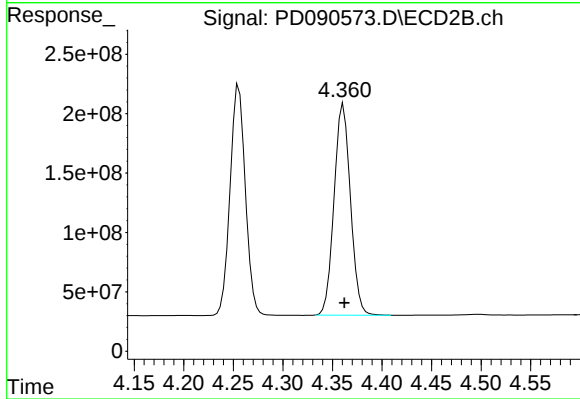
PSTDCCC050

Manual Integrations

APPROVED

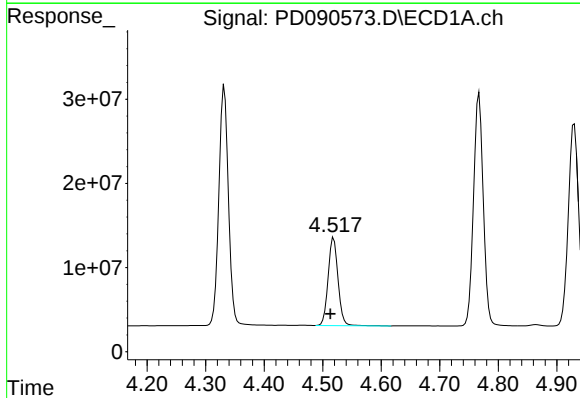
Reviewed By :Abdul Mirza 10/15/2025

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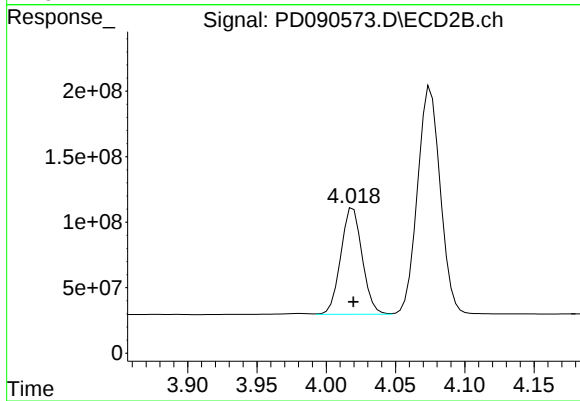
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: -0.001 min
Response: 2046915341
Conc: 51.26 ng/ml



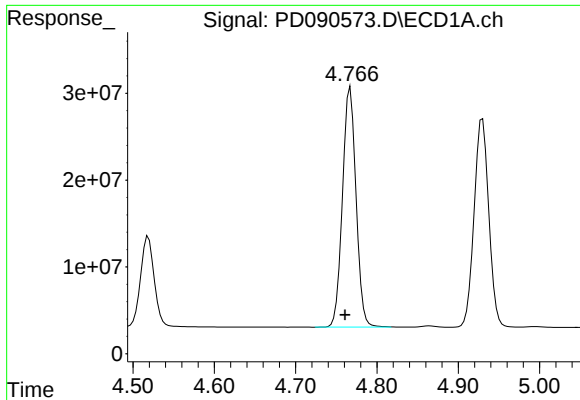
#6 beta-BHC

R.T.: 4.519 min
Delta R.T.: 0.006 min
Response: 122552628
Conc: 47.50 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 873969842
Conc: 50.42 ng/ml



#7 delta-BHC

R.T.: 4.766 min
Delta R.T.: 0.005 min
Response: 319187026
Conc: 49.43 ng/ml

Instrument :

ECD_D

ClientSampleId :

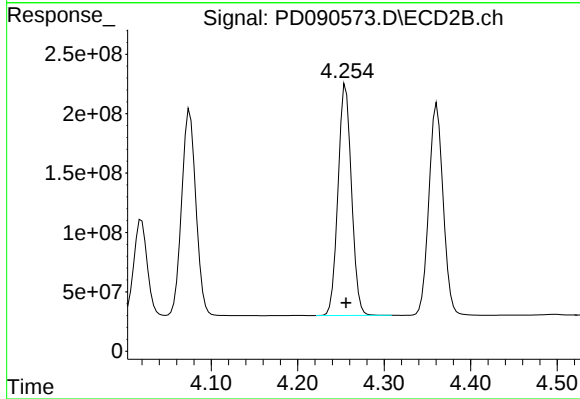
PSTDCCC050

Manual Integrations

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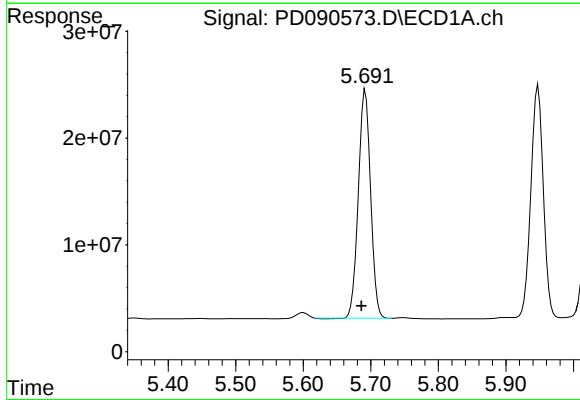
Reviewed By :Abdul Mirza 10/15/2025

Supervised By :mohammad ahmed 10/16/2025



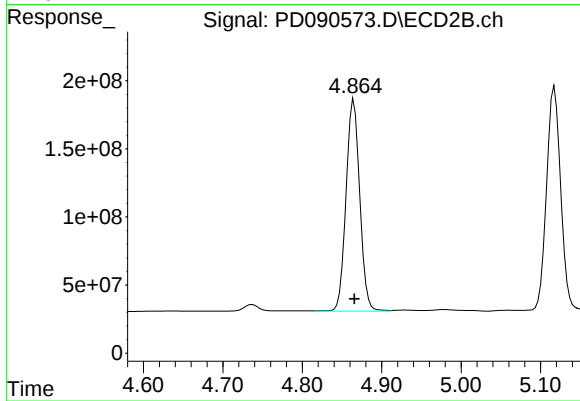
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 2089190547
Conc: 50.59 ng/ml



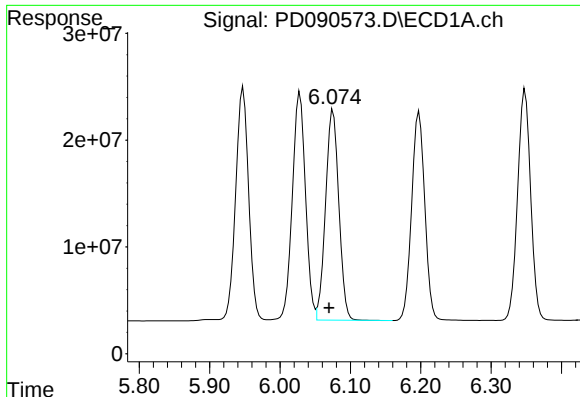
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.006 min
Response: 270055340
Conc: 47.25 ng/ml



#8 Heptachlor epoxide

R.T.: 4.865 min
Delta R.T.: 0.000 min
Response: 1868031996
Conc: 50.67 ng/ml



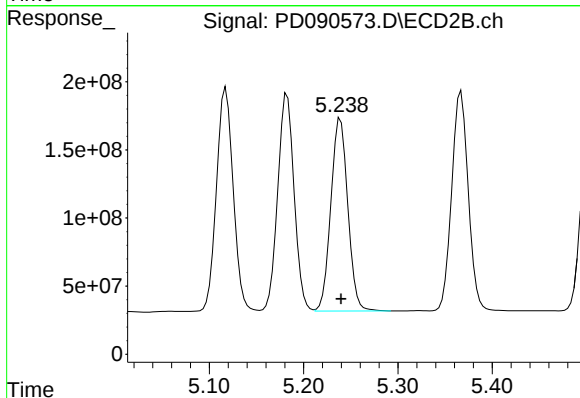
#9 Endosulfan I

R.T.: 6.075 min
Delta R.T.: 0.006 min
Response: 258703670
Conc: 47.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

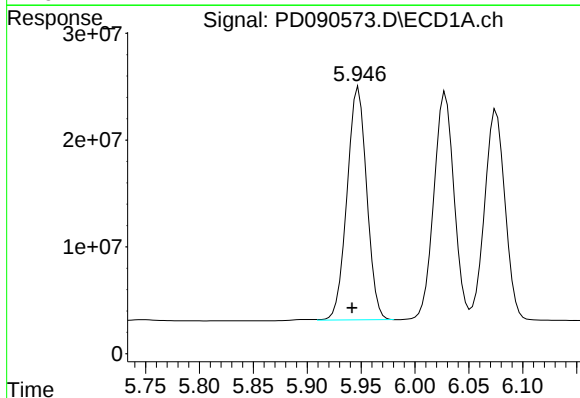
Manual Integrations
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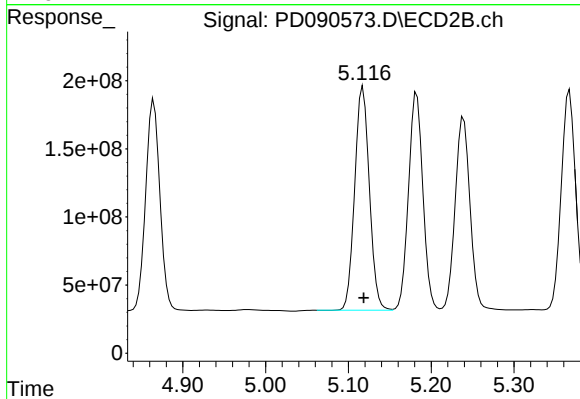
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: 1769543391
Conc: 51.14 ng/ml



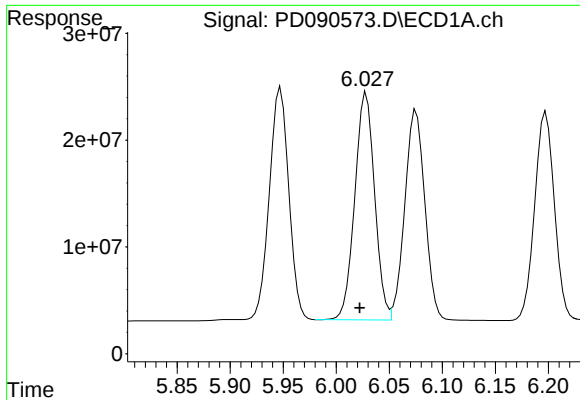
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.006 min
Response: 277695529
Conc: 48.62 ng/ml



#10 gamma-Chlordane

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 2019673288
Conc: 51.41 ng/ml



#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: 0.006 min
Response: 277027906
Conc: 48.09 ng/ml

Instrument :

ECD_D

ClientSampleId :

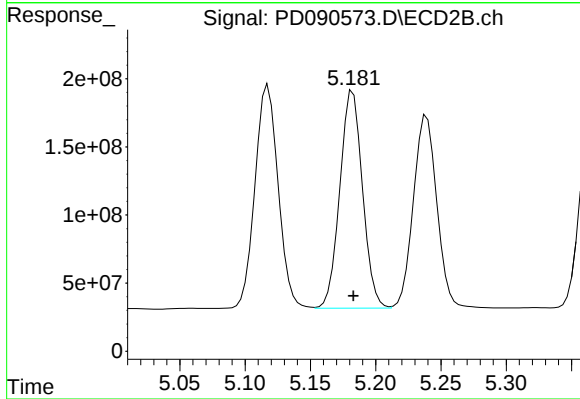
PSTDCCC050

Manual Integrations

APPROVED

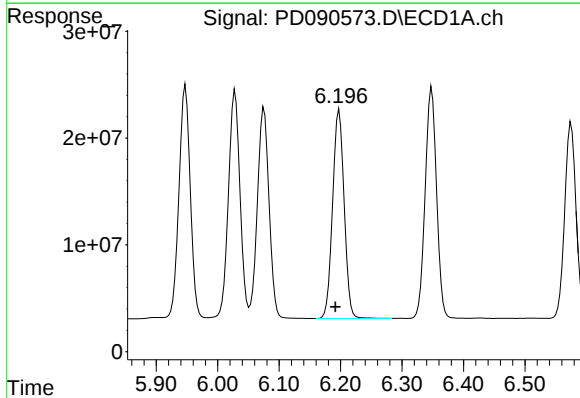
Reviewed By :Abdul Mirza 10/15/2025

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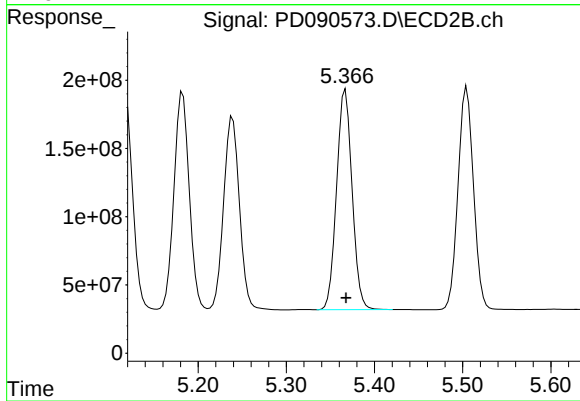
#11 alpha-Chlordane

R.T.: 5.183 min
Delta R.T.: 0.000 min
Response: 1929626397
Conc: 51.23 ng/ml



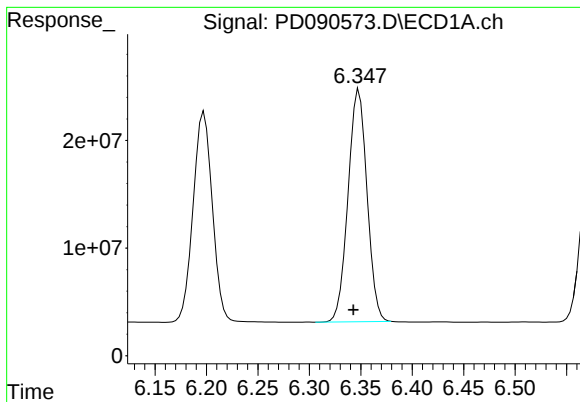
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.006 min
Response: 255175788
Conc: 49.00 ng/ml



#12 4,4'-DDE

R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 1971862548
Conc: 51.51 ng/ml



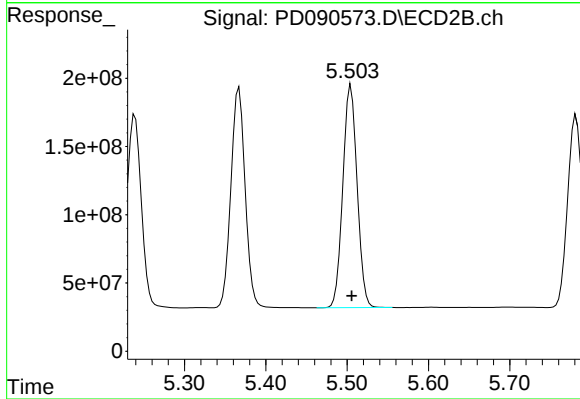
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.006 min
Response: 276943215
Conc: 48.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

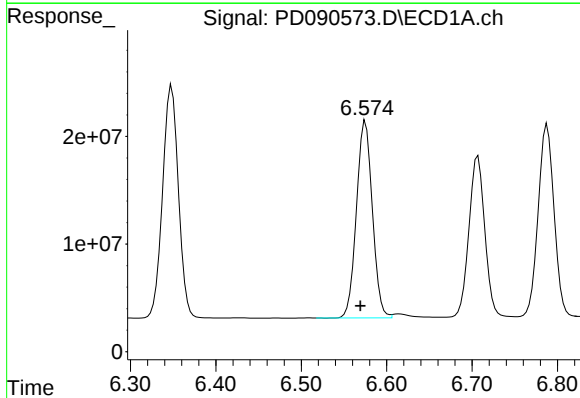
Manual Integrations
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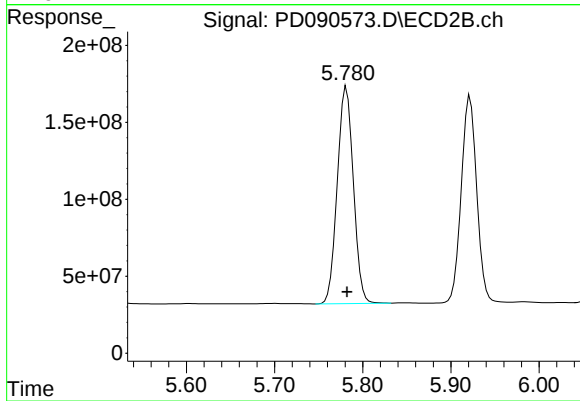
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: -0.001 min
Response: 1983311270
Conc: 50.92 ng/ml



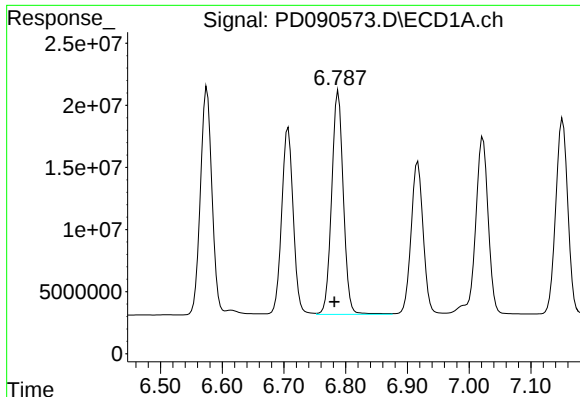
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.006 min
Response: 236906537
Conc: 48.41 ng/ml



#14 Endrin

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 1786899228
Conc: 49.87 ng/ml



#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: 0.006 min
Response: 236716744
Conc: 48.53 ng/ml

Instrument :

ECD_D

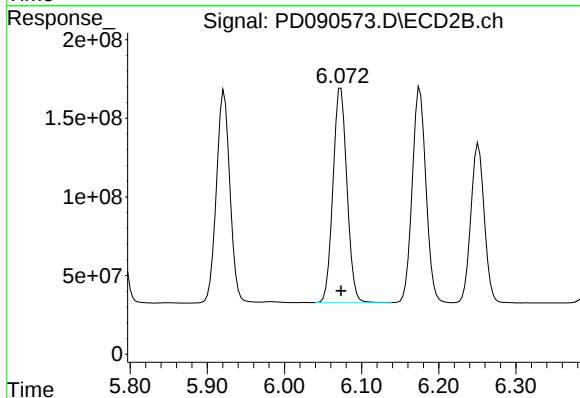
ClientSampleId :

PSTDCCC050

Manual Integrations

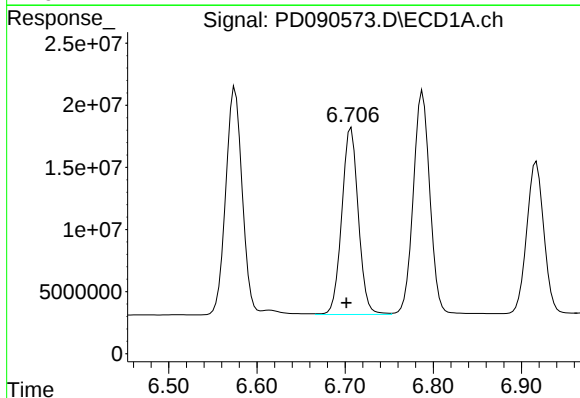
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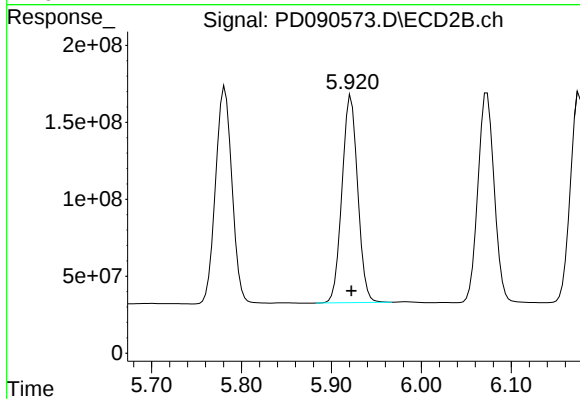
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 1724927363
Conc: 51.11 ng/ml



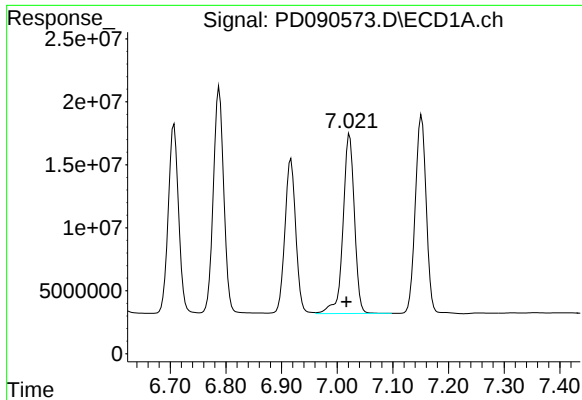
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.006 min
Response: 195974200
Conc: 47.82 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 1633531852
Conc: 50.37 ng/ml



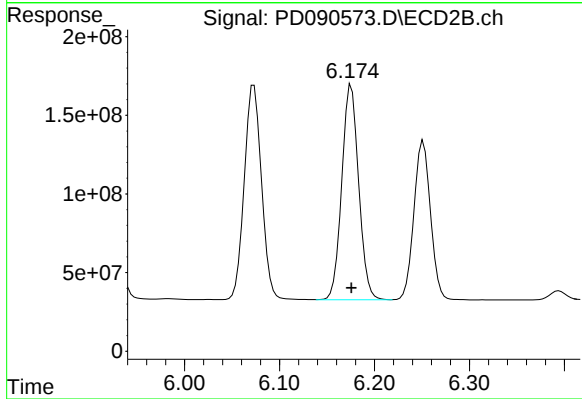
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.005 min
Response: 203184334
Conc: 45.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

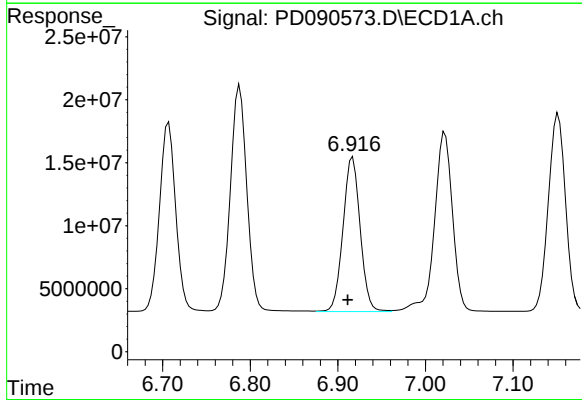
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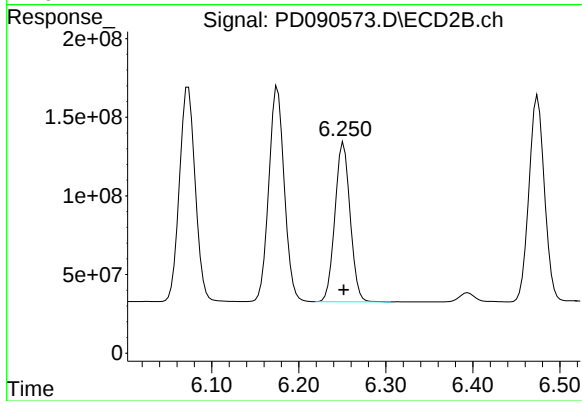
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 1691531135
Conc: 49.20 ng/ml



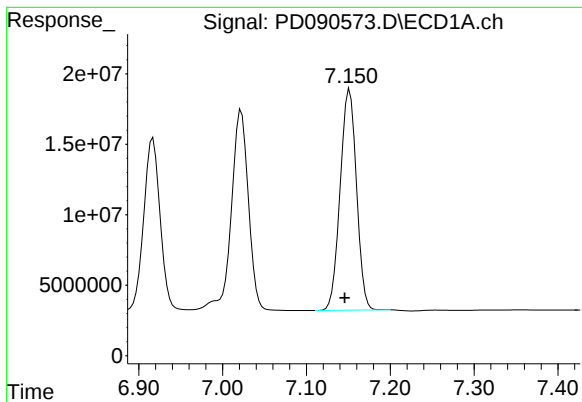
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: 0.006 min
Response: 166999119
Conc: 48.68 ng/ml



#18 Endrin aldehyde

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 1230760355
Conc: 52.27 ng/ml



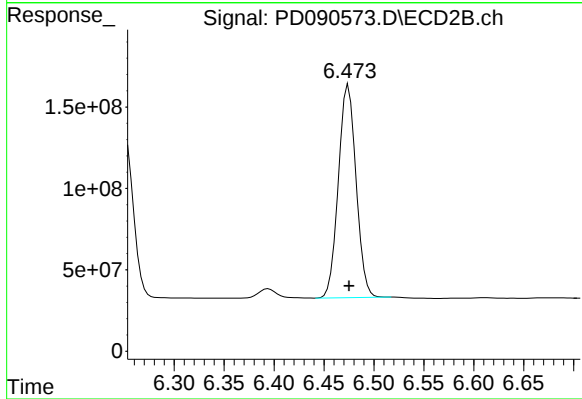
#19 Endosulfan Sulfate

R.T.: 7.152 min
Delta R.T.: 0.006 min
Response: 212545574
Conc: 46.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

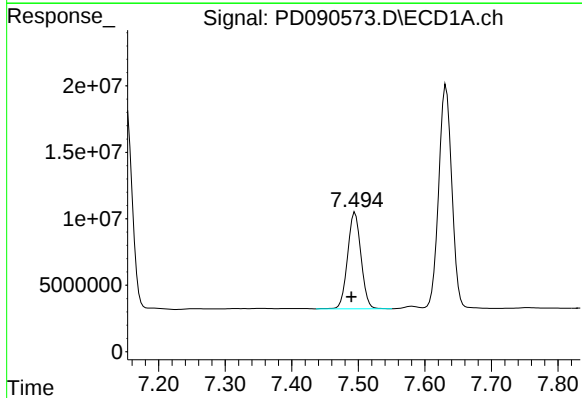
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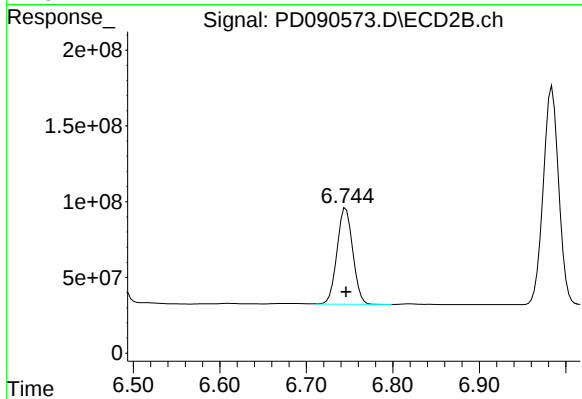
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: 0.000 min
Response: 1613068833
Conc: 49.34 ng/ml



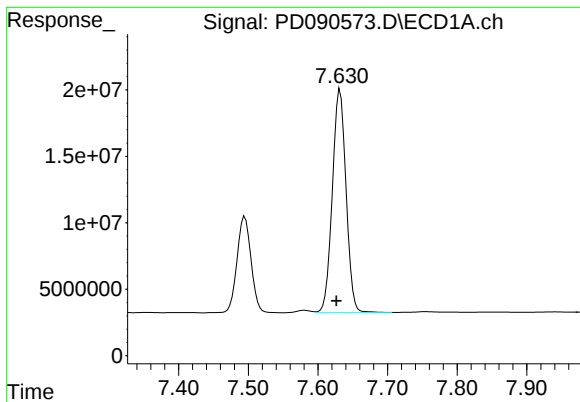
#20 Methoxychlor

R.T.: 7.495 min
Delta R.T.: 0.005 min
Response: 101449837
Conc: 43.05 ng/ml



#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 799371374
Conc: 45.94 ng/ml



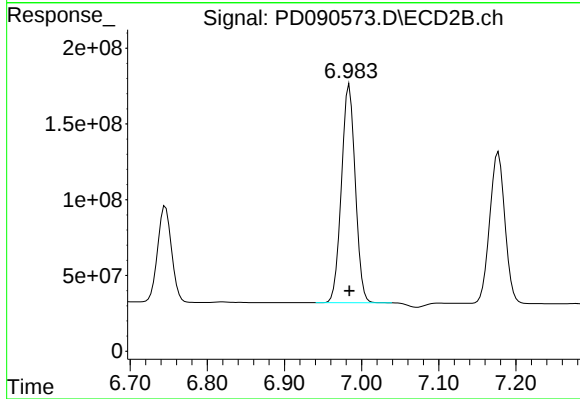
#21 Endrin ketone

R.T.: 7.632 min
Delta R.T.: 0.005 min
Response: 230397062
Conc: 46.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

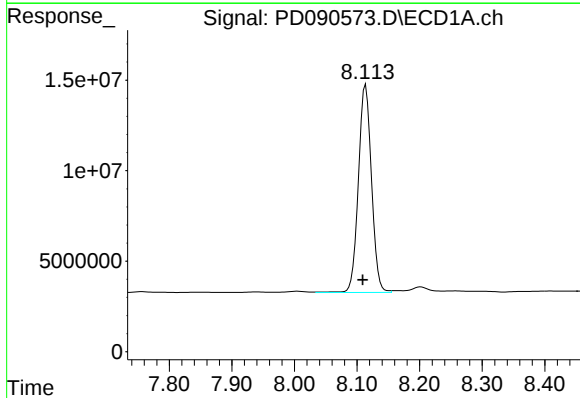
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/15/2025
Supervised By :mohammad ahmed 10/16/2025



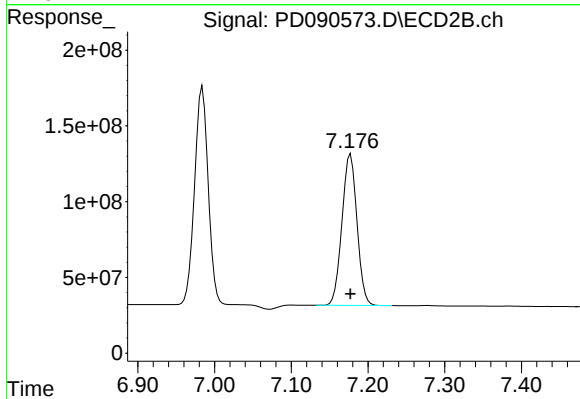
#21 Endrin ketone

R.T.: 6.984 min
Delta R.T.: 0.000 min
Response: 1788972170
Conc: 49.55 ng/ml



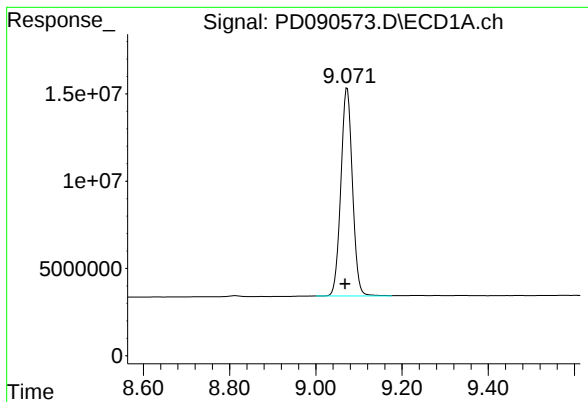
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.005 min
Response: 166897970
Conc: 45.05 ng/ml



#22 Mirex

R.T.: 7.177 min
Delta R.T.: 0.000 min
Response: 1361658171
Conc: 49.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.005 min
Response: 221910182
Conc: 45.99 ng/ml

Instrument :

ECD_D

ClientSampleId :

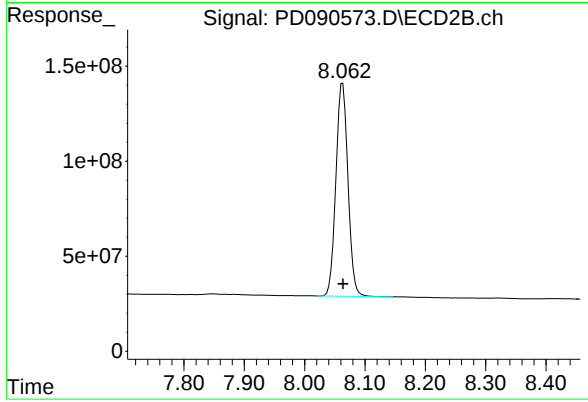
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 1555141615
Conc: 47.98 ng/ml