

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101625\
 Data File : PD090628.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2025 13:40
 Operator : AR\AJ
 Sample : PB170120BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170120BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/17/2025
 Supervised By : Sohil Jodhani 10/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 04:59:09 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...	3.553	2.874	68947618	663.5E6	21.212	24.172
2)	SA Decachlor...	9.080	8.065	127.3E6	780.0E6	26.375	24.064
Target Compounds							
2)	A alpha-BHC	4.003	3.386	352.9E6	2329.8E6	50.528	53.212
3)	MA gamma-BHC...	4.335	3.723	332.6E6	2139.2E6	50.262	52.514
4)	MA Heptachlor	4.932	4.076	289.5E6	1931.0E6	43.787	47.426
5)	MB Aldrin	5.274	4.361	320.5E6	2091.6E6	50.474	52.376
6)	B beta-BHC	4.521	4.019	125.3E6	897.4E6	48.560	51.766
7)	B delta-BHC	4.768	4.256	332.4E6	2155.4E6	51.479m	52.196
8)	B Heptachlo...	5.693	4.865	285.7E6	1900.6E6	50.001m	51.556
9)	A Endosulfan I	6.078	5.240	270.1E6	1777.3E6	50.007	51.358
10)	B gamma-Chl...	5.950	5.118	288.7E6	2035.9E6	50.547	51.822
11)	B alpha-Chl...	6.031	5.183	296.0E6	1940.2E6	51.373	51.511
12)	B 4,4'-DDE	6.201	5.368	262.7E6	1950.7E6	50.437	50.960
13)	MA Dieldrin	6.351	5.505	286.9E6	2000.0E6	49.761	51.354
14)	MA Endrin	6.578	5.782	240.6E6	1816.9E6	49.157	50.705
15)	B Endosulfa...	6.791	6.074	242.4E6	1698.4E6	49.697	50.323
16)	A 4,4'-DDD	6.710	5.922	203.5E6	1630.9E6	49.648	50.293
17)	MA 4,4'-DDT	7.026	6.176	195.1E6	1491.4E6	43.812	43.381
18)	B Endrin al...	6.920	6.252	181.7E6	1264.6E6	52.961	53.706
19)	B Endosulfa...	7.155	6.476	225.3E6	1622.3E6	48.972	49.627
20)	A Methoxychlor	7.499	6.747	93302341	713.5E6	39.593	41.005
21)	B Endrin ke...	7.636	6.986	238.5E6	1733.6E6	48.209	48.019
22)	Mirex	8.118	7.178	170.6E6	1254.2E6	46.043	45.432

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101625\
Data File : PD090628.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2025 13:40
Operator : AR\AJ
Sample : PB170120BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB170120BS

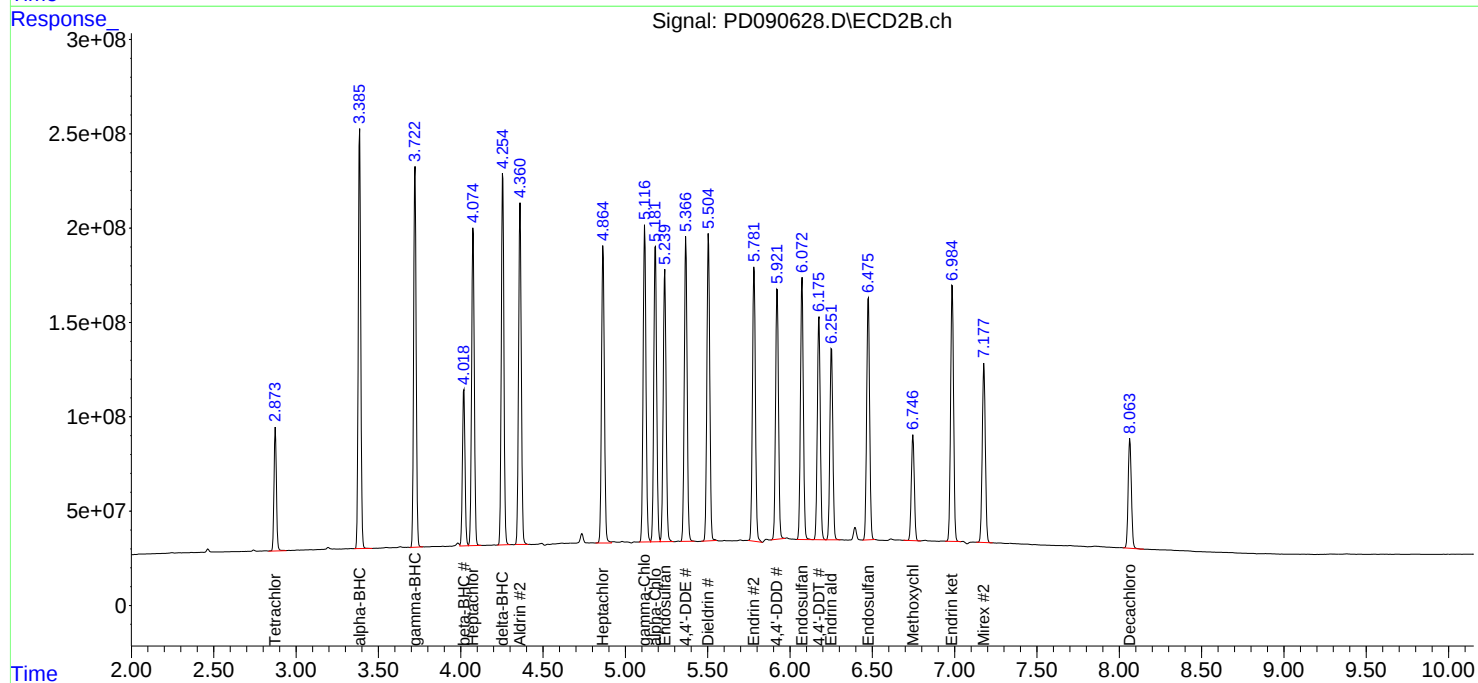
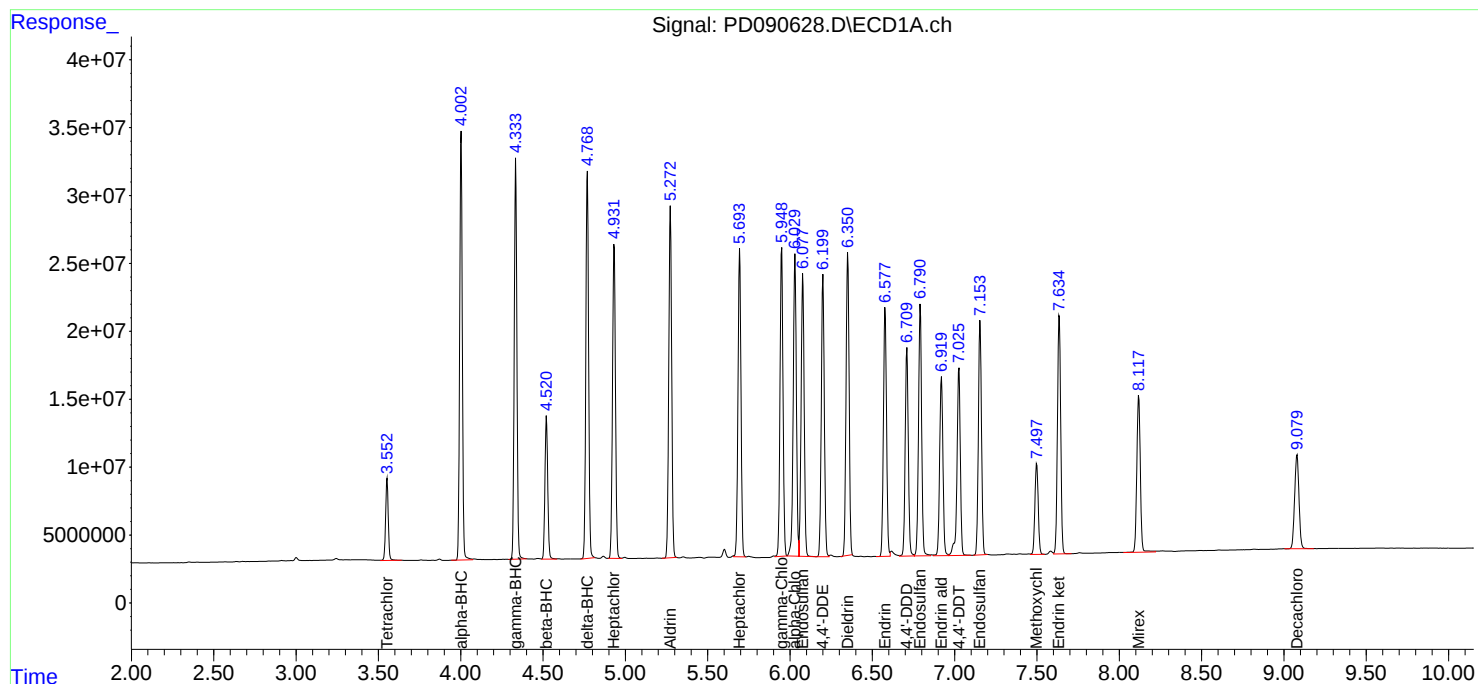
Manual Integrations

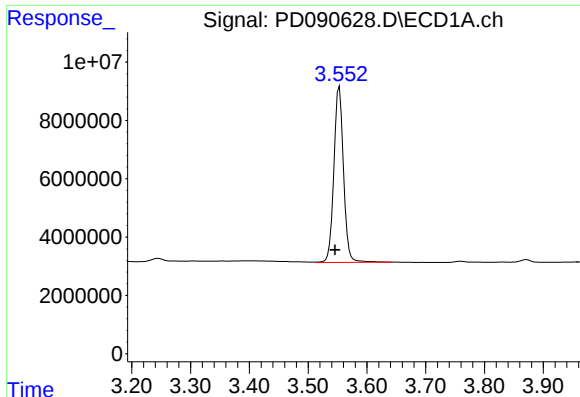
APPROVED

Reviewed By :Abdul Mirza 10/17/2025
Supervised By :Sohil Jodhani 10/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 04:59:09 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





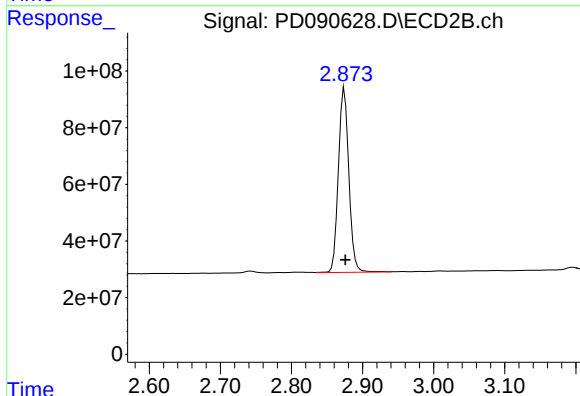
#1 Tetrachloro-m-xylene

R.T.: 3.553 min
Delta R.T.: 0.007 min
Response: 68947618
Conc: 21.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170120BS

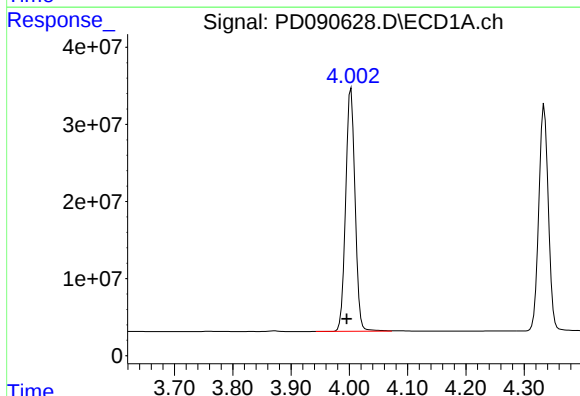
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/17/2025
Supervised By :Sohil Jodhani 10/17/2025



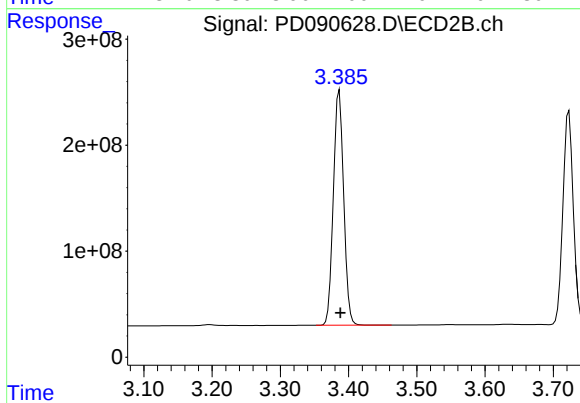
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.002 min
Response: 663531599
Conc: 24.17 ng/ml



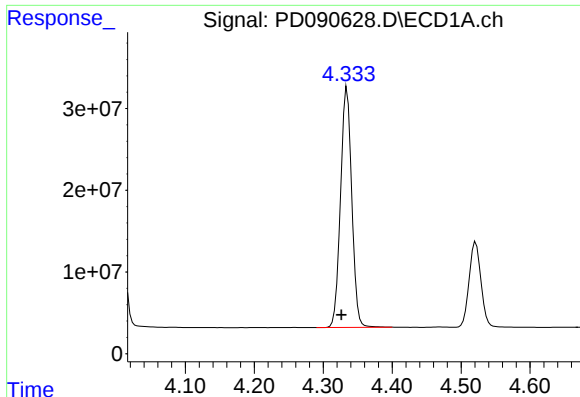
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.008 min
Response: 352915164
Conc: 50.53 ng/ml



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: -0.001 min
Response: 2329782089
Conc: 53.21 ng/ml



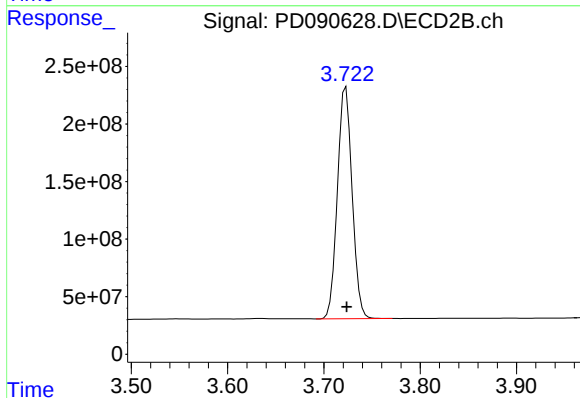
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.008 min
Response: 332575386
Conc: 50.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170120BS

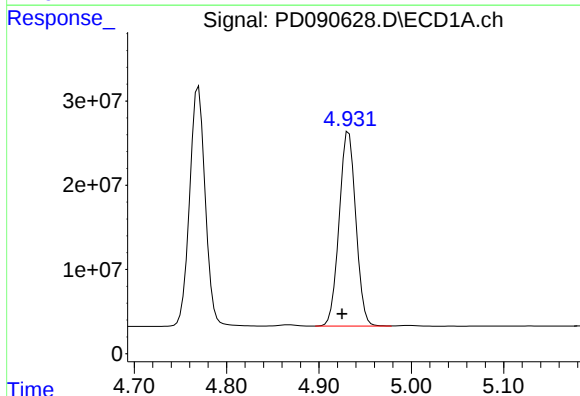
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/17/2025
Supervised By :Sohil Jodhani 10/17/2025



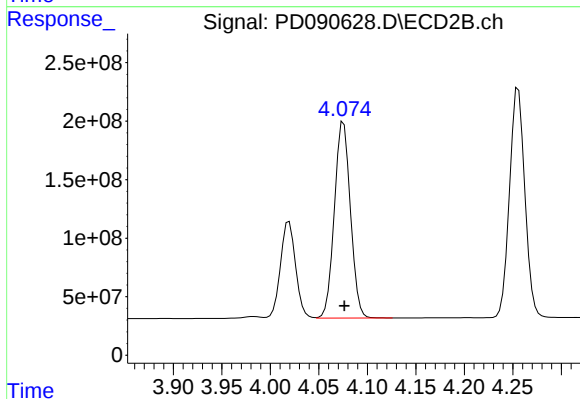
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 2139172403
Conc: 52.51 ng/ml



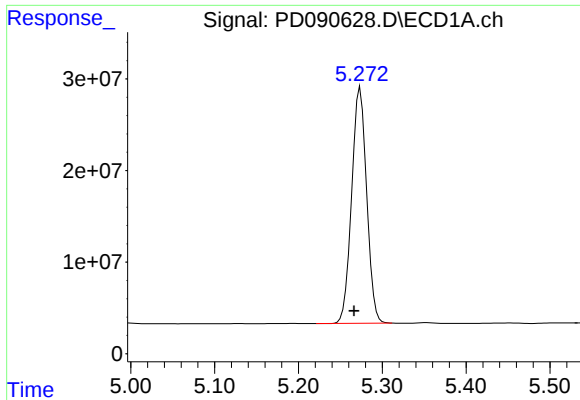
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: 0.007 min
Response: 289543140
Conc: 43.79 ng/ml



#4 Heptachlor

R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 1931028968
Conc: 47.43 ng/ml



#5 Aldrin

R.T.: 5.274 min
Delta R.T.: 0.007 min
Response: 320504304
Conc: 50.47 ng/ml

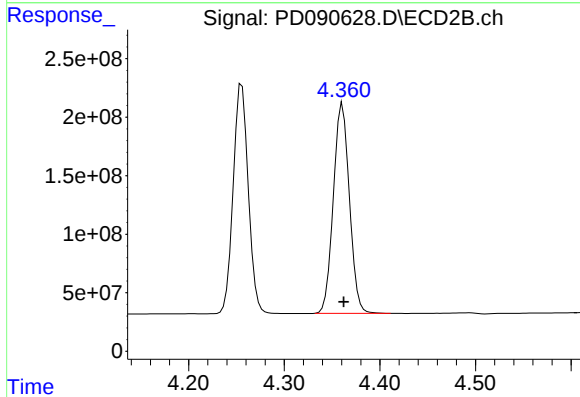
Instrument :

ECD_D

ClientSampleId :
PB170120BS

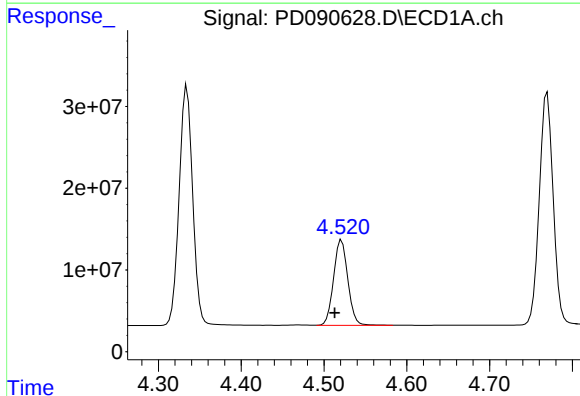
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/17/2025
Supervised By :Sohil Jodhani 10/17/2025



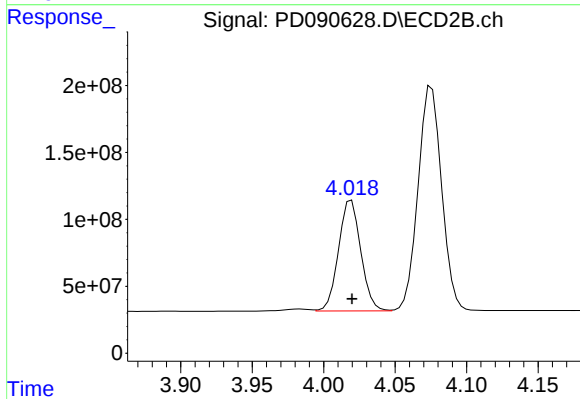
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: -0.001 min
Response: 2091645656
Conc: 52.38 ng/ml



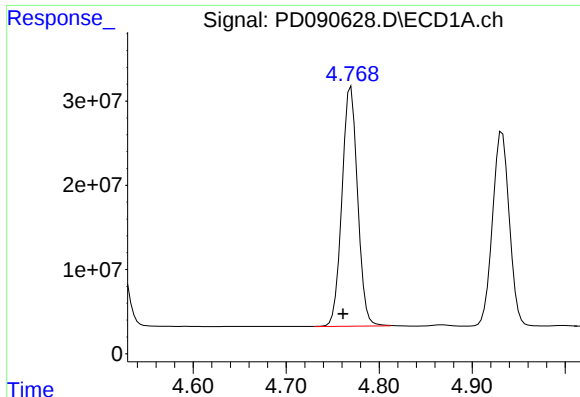
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: 0.008 min
Response: 125281740
Conc: 48.56 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 897372735
Conc: 51.77 ng/ml



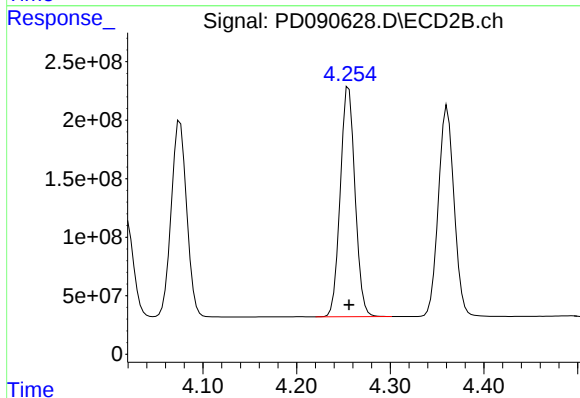
#7 delta-BHC

R.T.: 4.768 min
Delta R.T.: 0.007 min
Response: 332423236
Conc: 51.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170120BS

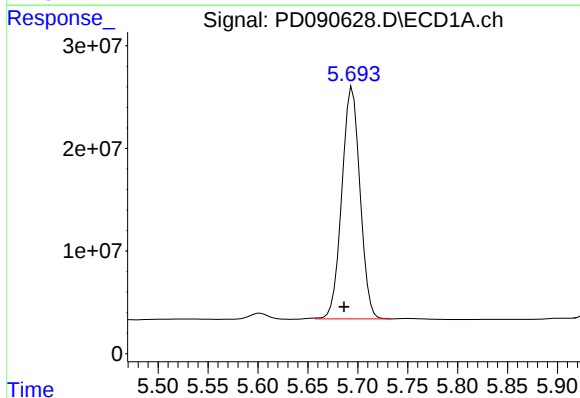
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/17/2025
Supervised By :Sohil Jodhani 10/17/2025



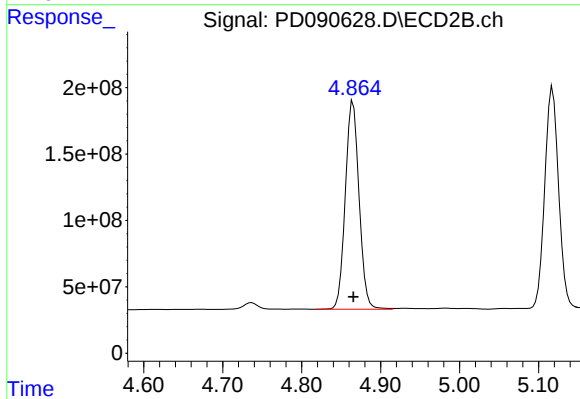
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 2155413001
Conc: 52.20 ng/ml



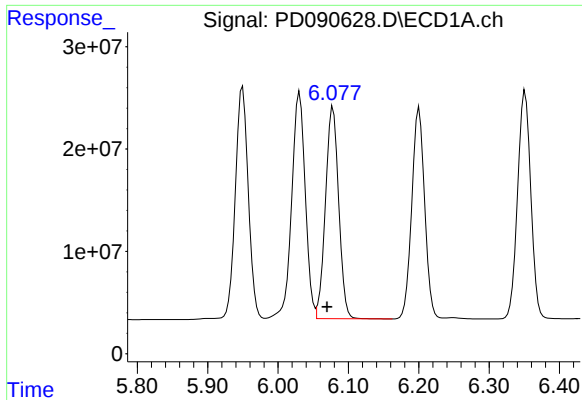
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: 0.007 min
Response: 285749397
Conc: 50.00 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.865 min
Delta R.T.: 0.000 min
Response: 1900630729
Conc: 51.56 ng/ml



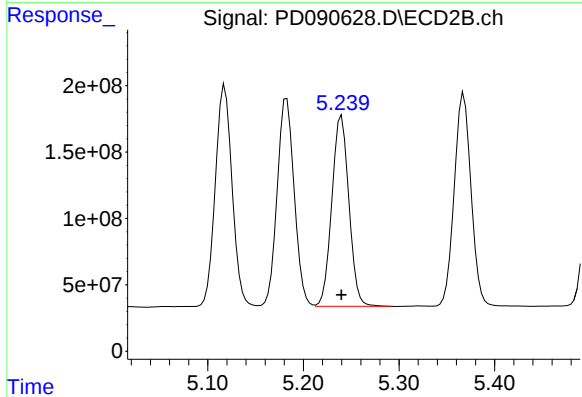
#9 Endosulfan I

R.T.: 6.078 min
Delta R.T.: 0.008 min
Response: 270113119
Conc: 50.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170120BS

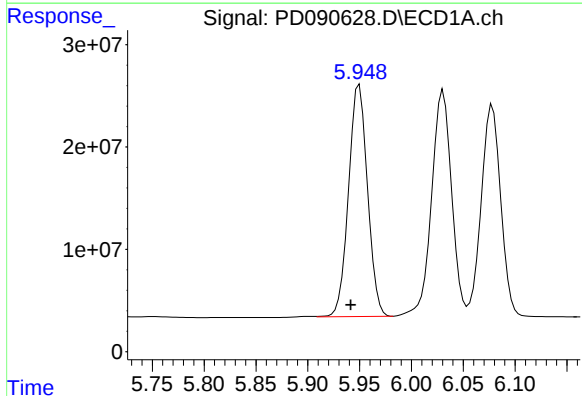
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/17/2025
Supervised By :Sohil Jodhani 10/17/2025



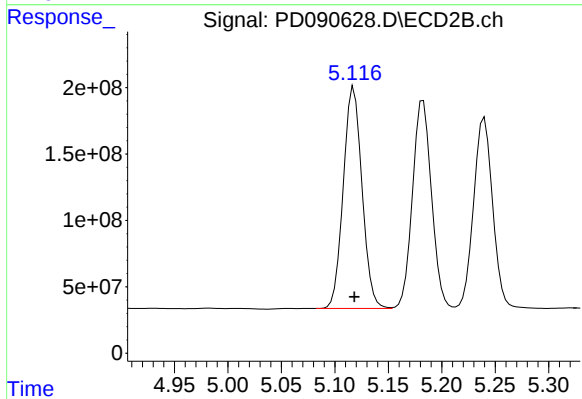
#9 Endosulfan I

R.T.: 5.240 min
Delta R.T.: 0.000 min
Response: 177726952
Conc: 51.36 ng/ml



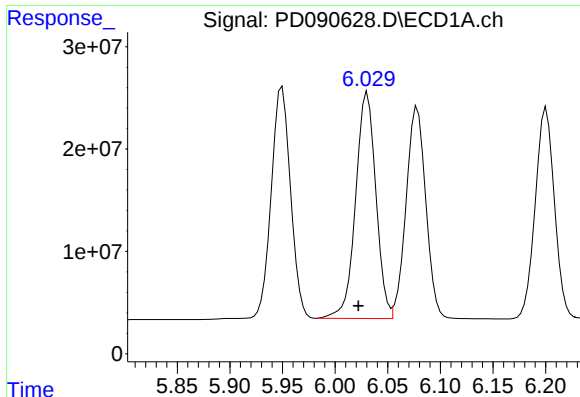
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: 0.008 min
Response: 288722392
Conc: 50.55 ng/ml



#10 gamma-Chlordane

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 2035896251
Conc: 51.82 ng/ml



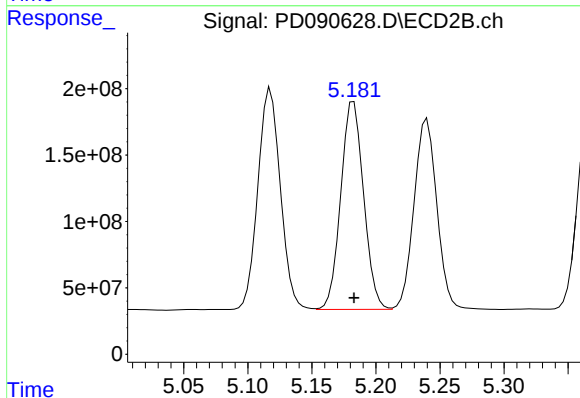
#11 alpha-Chlordane

R.T.: 6.031 min
Delta R.T.: 0.008 min
Response: 295952854
Conc: 51.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170120BS

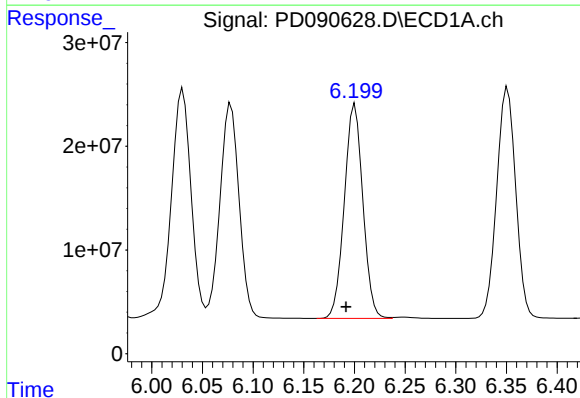
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/17/2025
Supervised By :Sohil Jodhani 10/17/2025



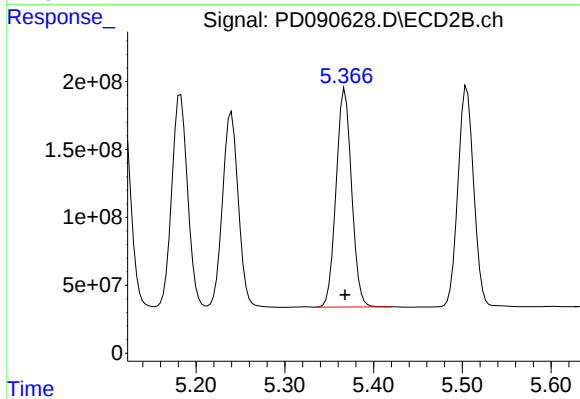
#11 alpha-Chlordane

R.T.: 5.183 min
Delta R.T.: 0.000 min
Response: 1940182685
Conc: 51.51 ng/ml



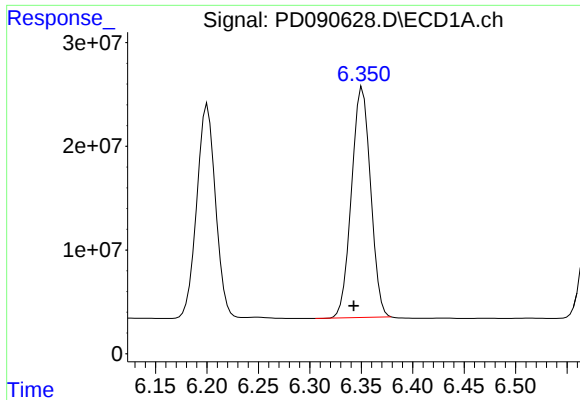
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: 0.009 min
Response: 262651718
Conc: 50.44 ng/ml



#12 4,4'-DDE

R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 1950717859
Conc: 50.96 ng/ml



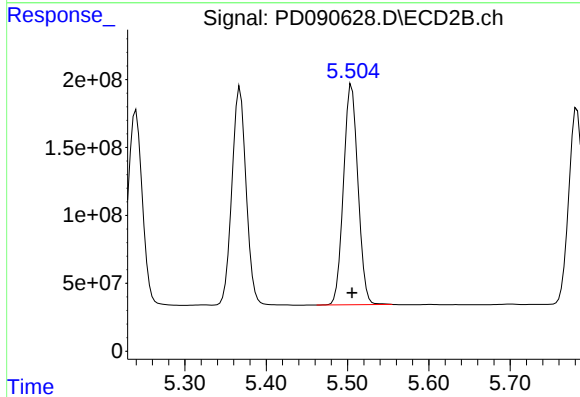
#13 Dieldrin

R.T.: 6.351 min
Delta R.T.: 0.008 min
Response: 286855521
Conc: 49.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170120BS

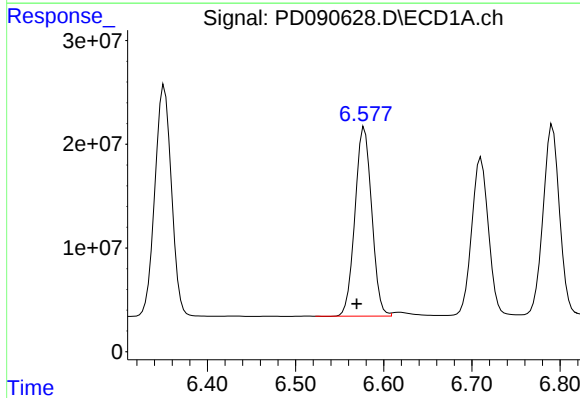
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/17/2025
Supervised By :Sohil Jodhani 10/17/2025



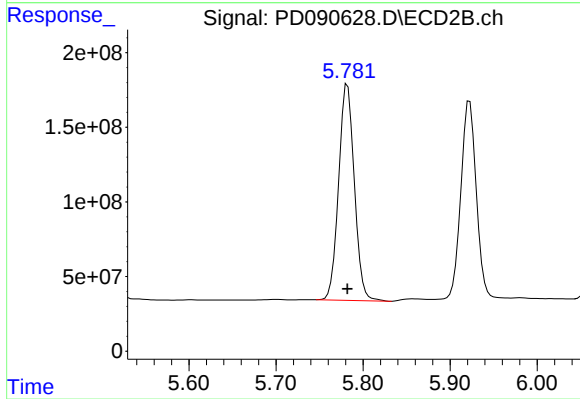
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 2000028987
Conc: 51.35 ng/ml



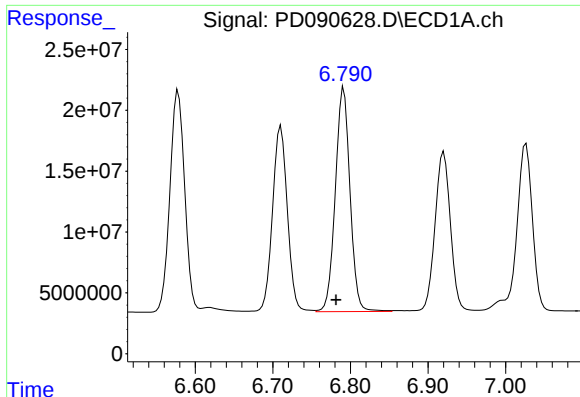
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.009 min
Response: 240573656
Conc: 49.16 ng/ml



#14 Endrin

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 1816855970
Conc: 50.70 ng/ml



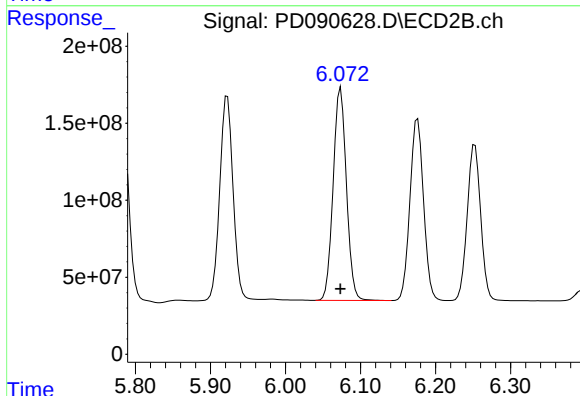
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: 0.010 min
Response: 242411640
Conc: 49.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170120BS

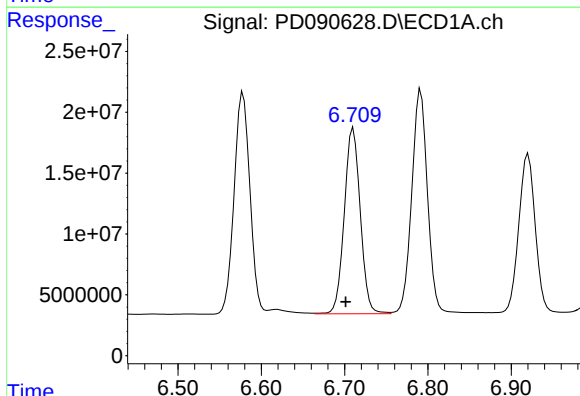
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/17/2025
Supervised By :Sohil Jodhani 10/17/2025



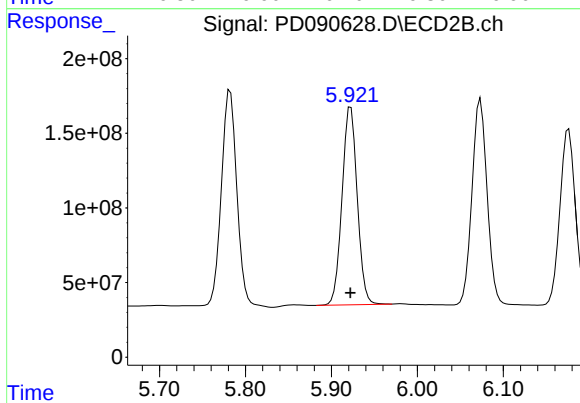
#15 Endosulfan II

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 1698420911
Conc: 50.32 ng/ml



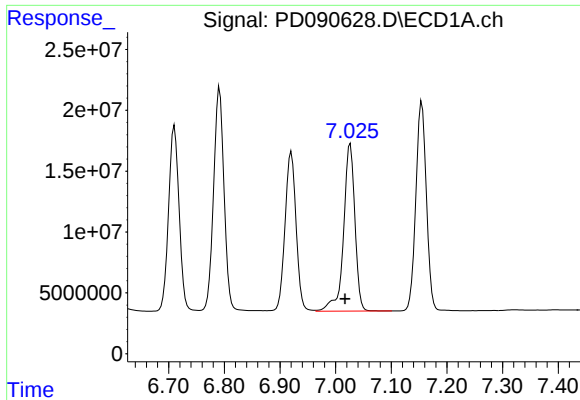
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.009 min
Response: 203450314
Conc: 49.65 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 1630901027
Conc: 50.29 ng/ml



#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.009 min
Response: 195070500
Conc: 43.81 ng/ml

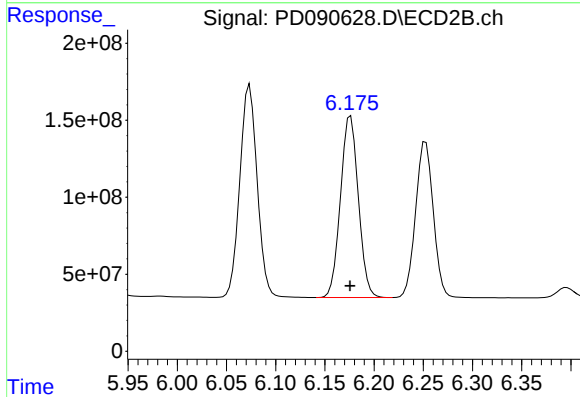
Instrument :

ECD_D

ClientSampleId :
PB170120BS

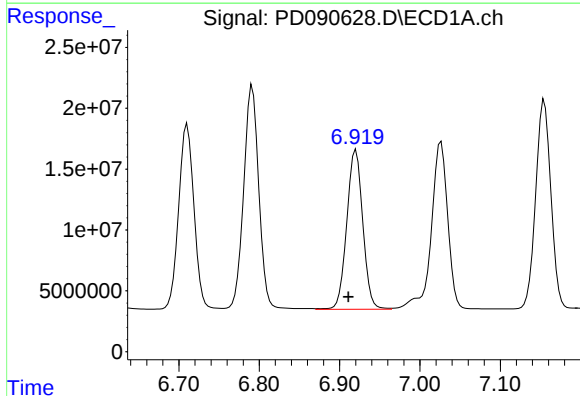
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/17/2025
Supervised By :Sohil Jodhani 10/17/2025



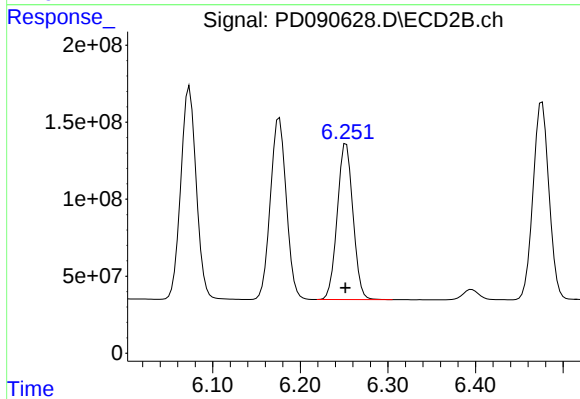
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 1491397834
Conc: 43.38 ng/ml



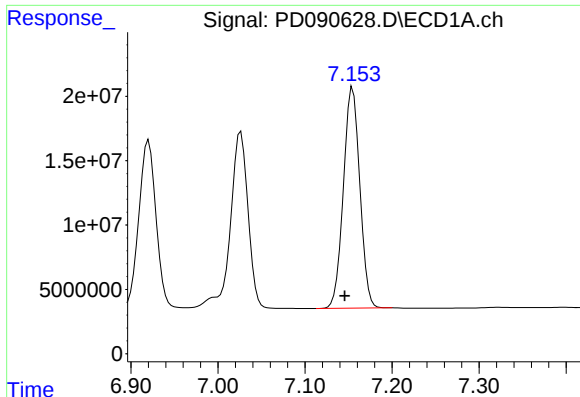
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: 0.009 min
Response: 181686210
Conc: 52.96 ng/ml



#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 1264600457
Conc: 53.71 ng/ml



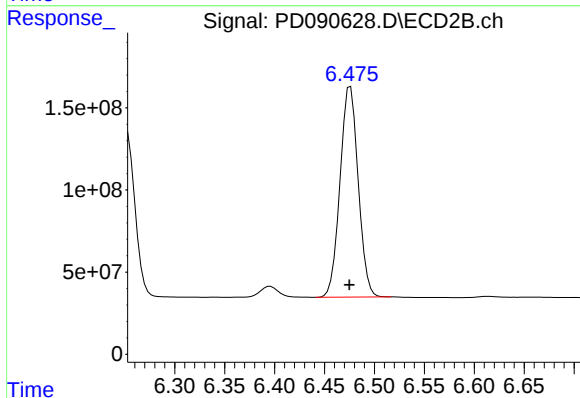
#19 Endosulfan Sulfate

R.T.: 7.155 min
Delta R.T.: 0.009 min
Response: 225291041
Conc: 48.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170120BS

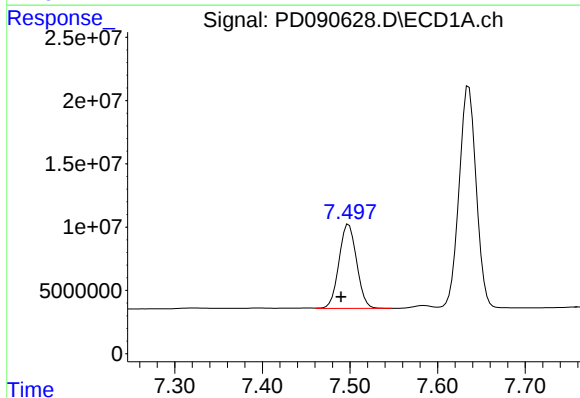
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/17/2025
Supervised By :Sohil Jodhani 10/17/2025



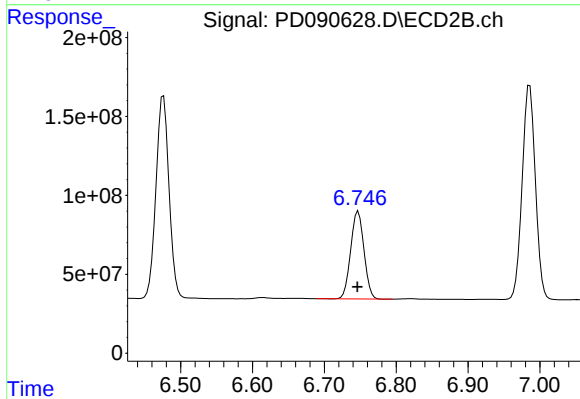
#19 Endosulfan Sulfate

R.T.: 6.476 min
Delta R.T.: 0.001 min
Response: 1622322075
Conc: 49.63 ng/ml



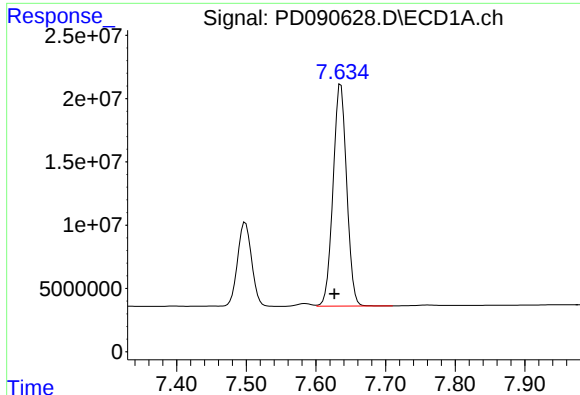
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.009 min
Response: 93302341
Conc: 39.59 ng/ml



#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: 0.001 min
Response: 713505545
Conc: 41.01 ng/ml



#21 Endrin ketone

R.T.: 7.636 min
Delta R.T.: 0.009 min
Response: 238508698
Conc: 48.21 ng/ml

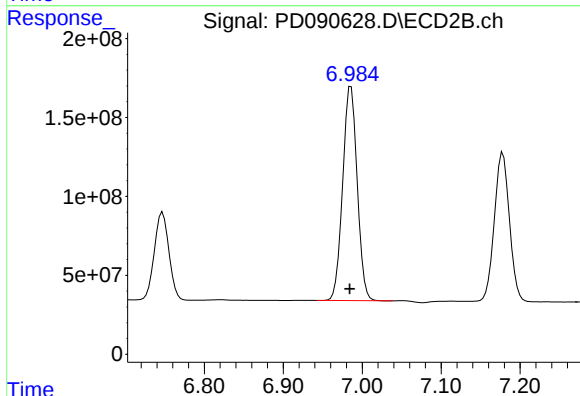
Instrument :

ECD_D

ClientSampleId :
PB170120BS

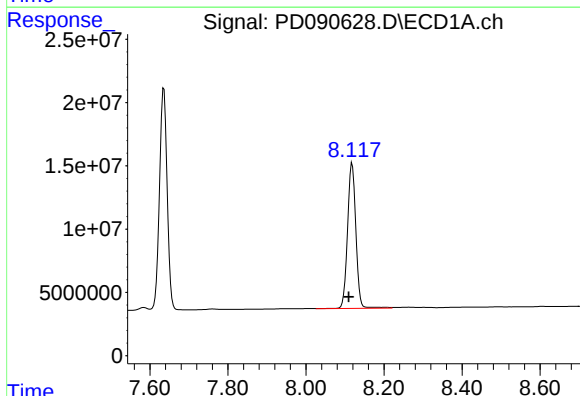
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/17/2025
Supervised By :Sohil Jodhani 10/17/2025



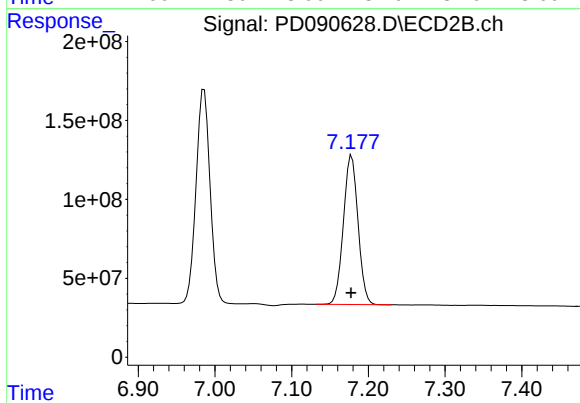
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: 0.002 min
Response: 1733631468
Conc: 48.02 ng/ml



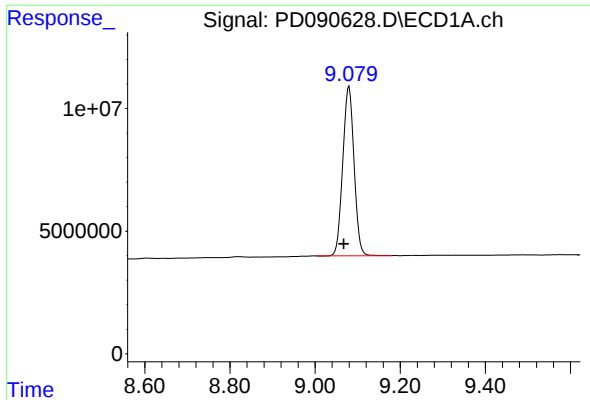
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.009 min
Response: 170583934
Conc: 46.04 ng/ml



#22 Mirex

R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 1254212555
Conc: 45.43 ng/ml



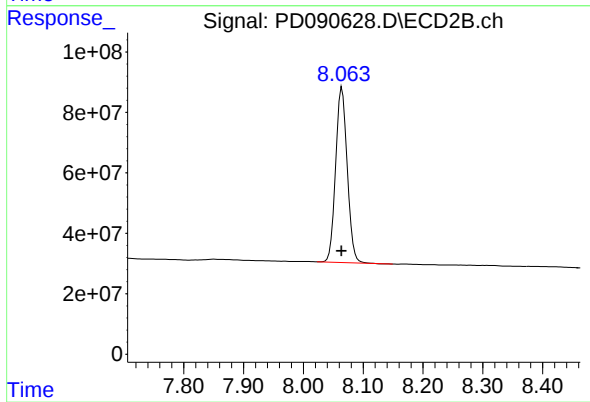
#28 Decachlorobiphenyl

R.T.: 9.080 min
Delta R.T.: 0.012 min
Response: 127258559
Conc: 26.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170120BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/17/2025
Supervised By :Sohil Jodhani 10/17/2025



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 780012538
Conc: 24.06 ng/ml