

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100725\
 Data File : PD090538.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2025 11:16
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/08/2025
 Supervised By :mohammad ahmed 10/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 11:55:11 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...	3.545	2.875	169.0E6	1461.5E6	52.007	53.242
28)	SA Decachlor...	9.065	8.061	225.2E6	1333.8E6	46.682	41.146
Target Compounds							
2)	A alpha-BHC	3.995	3.386	395.7E6	2425.8E6	56.660	55.404
3)	MA gamma-BHC...	4.325	3.722	368.7E6	2251.5E6	55.728	55.271
4)	MA Heptachlor	4.923	4.074	362.6E6	2214.5E6	54.838	54.387
5)	MB Aldrin	5.265	4.360	347.6E6	2206.6E6	54.742	55.254
6)	B beta-BHC	4.512	4.018	137.9E6	943.8E6	53.445	54.442
7)	B delta-BHC	4.759	4.255	366.5E6	2259.7E6	56.756m	54.720
8)	B Heptachlo...	5.685	4.864	304.5E6	1977.4E6	53.285	53.640
9)	A Endosulfan I	6.069	5.237	285.2E6	1814.5E6	52.793	52.435
10)	B gamma-Chl...	5.941	5.116	308.4E6	2127.8E6	54.000	54.162
11)	B alpha-Chl...	6.021	5.181	307.3E6	2031.2E6	53.350	53.929
12)	B 4,4'-DDE	6.191	5.365	276.9E6	2054.8E6	53.176	53.681
13)	MA Dieldrin	6.341	5.504	306.2E6	2069.0E6	53.108	53.125
14)	MA Endrin	6.568	5.780	261.9E6	1899.5E6	53.513	53.012
15)	B Endosulfa...	6.781	6.072	260.8E6	1740.0E6	53.472	51.553
16)	A 4,4'-DDD	6.700	5.920	217.0E6	1697.1E6	52.957	52.336
17)	MA 4,4'-DDT	7.016	6.174	225.1E6	1714.6E6	50.565	49.875
18)	B Endrin al...	6.910	6.249	183.4E6	1233.1E6	53.458	52.370
19)	B Endosulfa...	7.144	6.473	227.8E6	1579.0E6	49.519	48.301
20)	A Methoxychlor	7.488	6.744	113.5E6	812.9E6	48.166	46.716
21)	B Endrin ke...	7.625	6.982	245.5E6	1643.8E6	49.614	45.530
22)	Mirex	8.107	7.175	173.1E6	1212.7E6	46.734	43.927

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100725\
Data File : PD090538.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2025 11:16
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

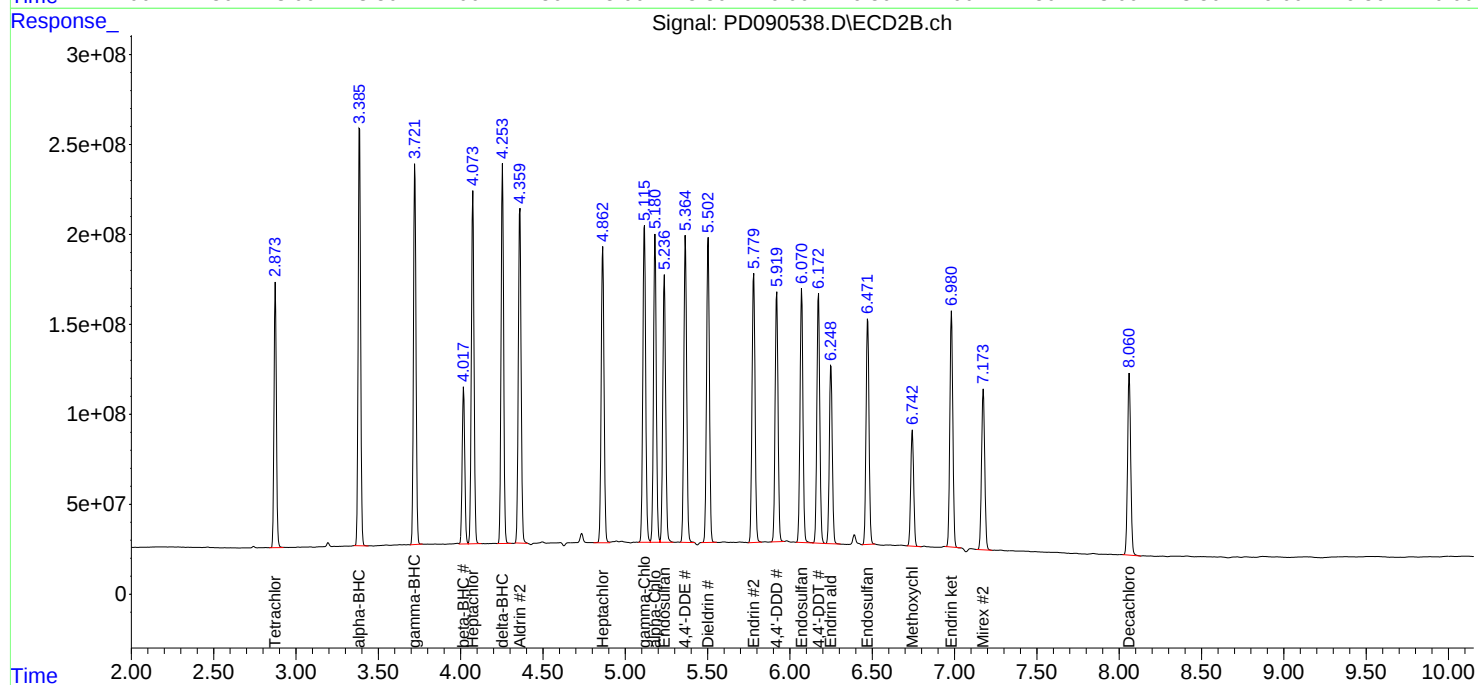
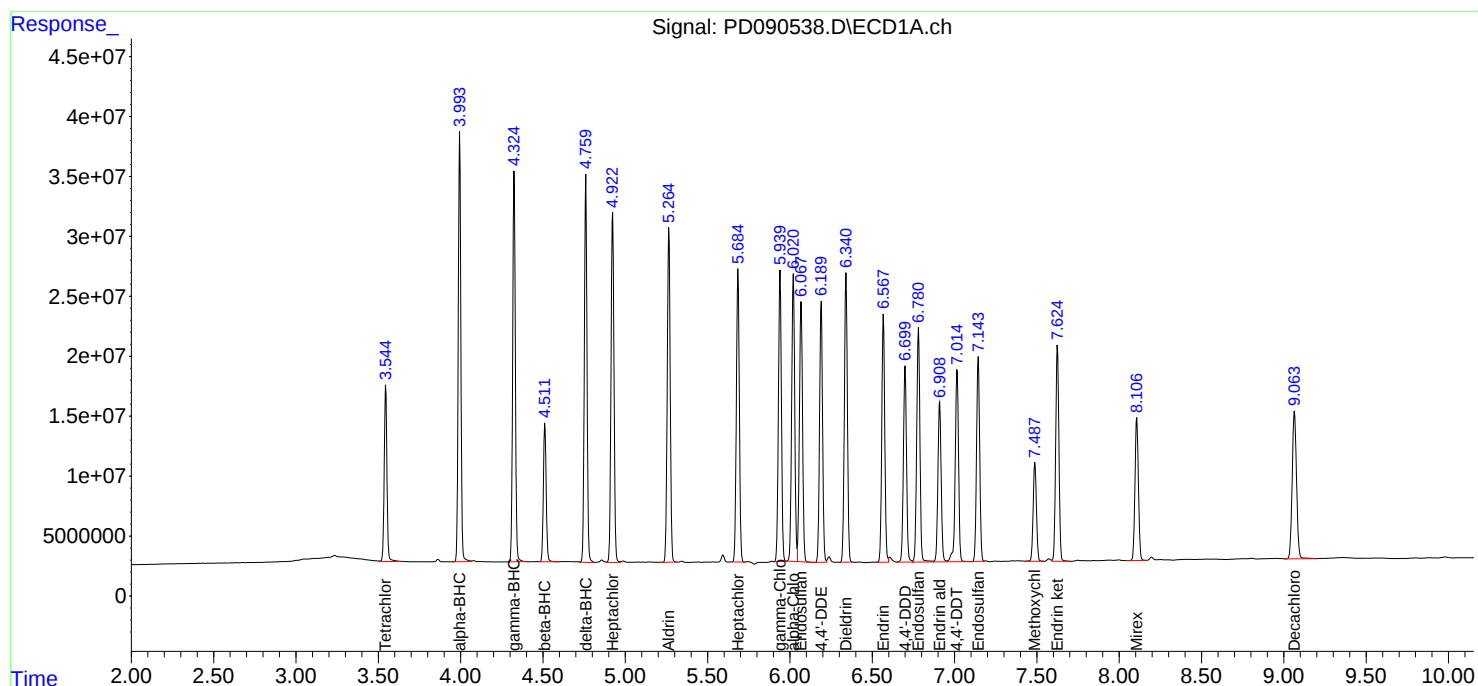
APPROVED

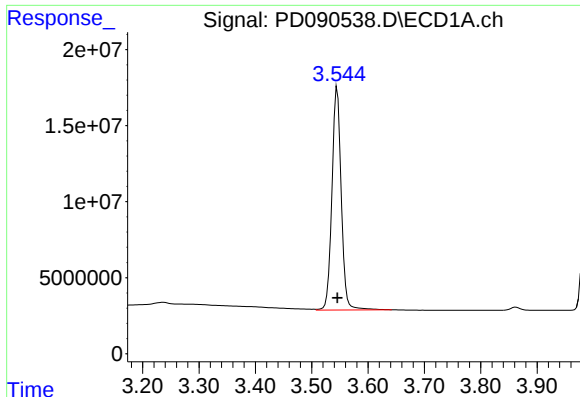
Reviewed By :Abdul Mirza 10/08/2025

Supervised By :mohammad ahmed 10/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 11:55:11 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





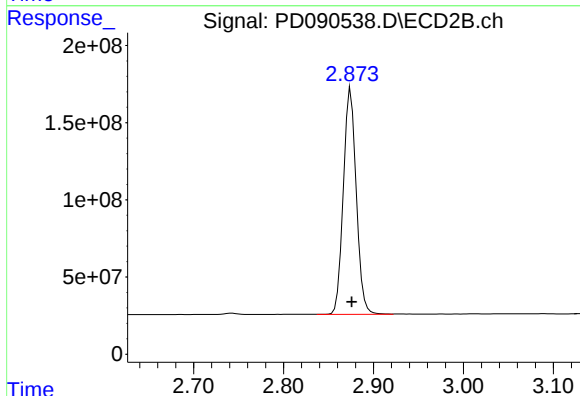
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 169046404
Conc: 52.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

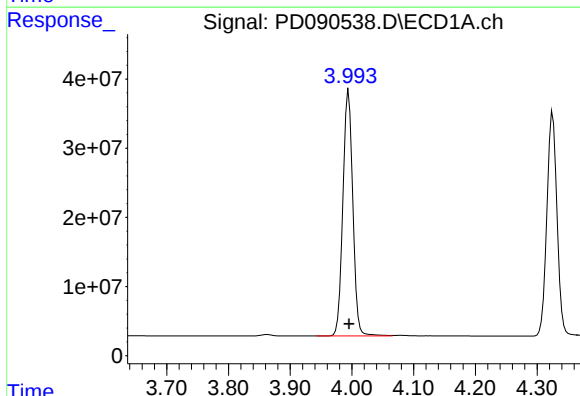
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/08/2025
Supervised By :mohammad ahmed 10/09/2025



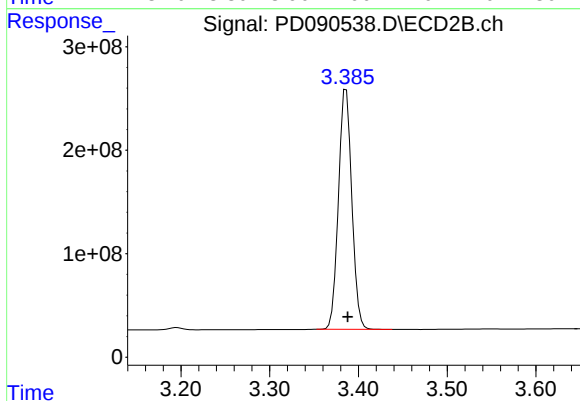
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: -0.001 min
Response: 1461500834
Conc: 53.24 ng/ml



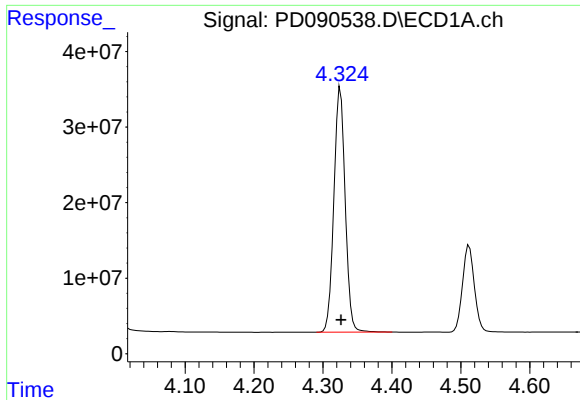
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 395742392
Conc: 56.66 ng/ml



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: -0.002 min
Response: 2425750074
Conc: 55.40 ng/ml



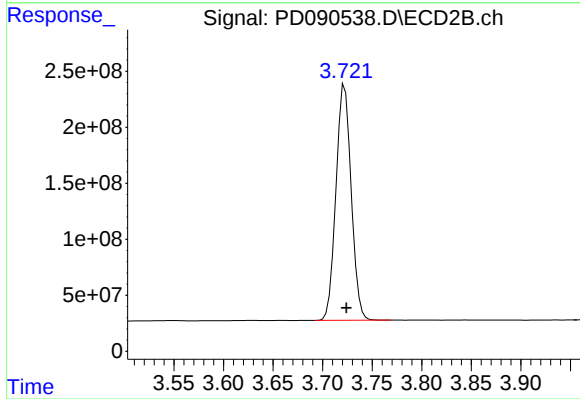
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 368742823
Conc: 55.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

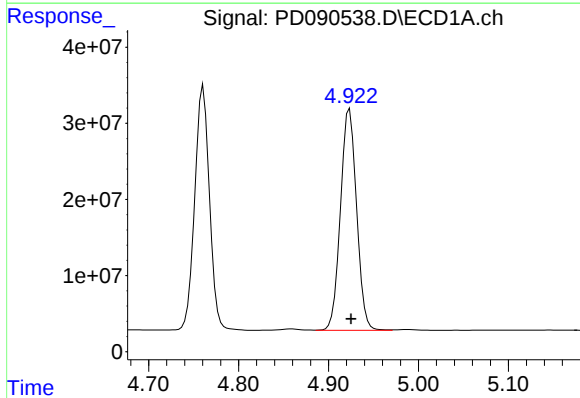
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/08/2025
Supervised By :mohammad ahmed 10/09/2025



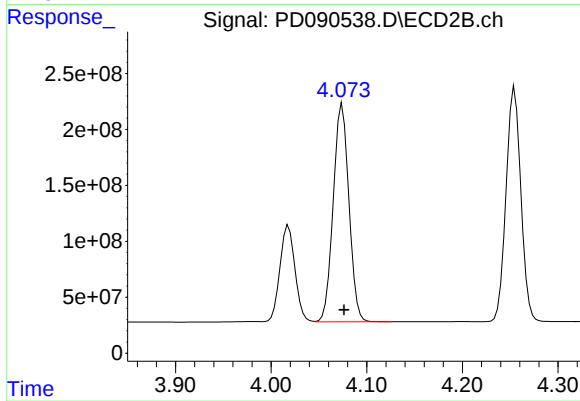
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: -0.002 min
Response: 2251482575
Conc: 55.27 ng/ml



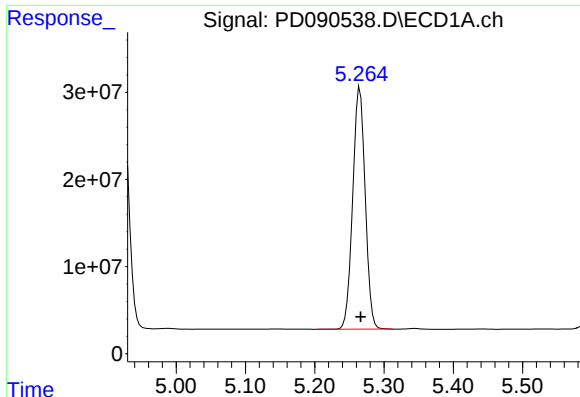
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: -0.002 min
Response: 362620727
Conc: 54.84 ng/ml



#4 Heptachlor

R.T.: 4.074 min
Delta R.T.: -0.002 min
Response: 2214455946
Conc: 54.39 ng/ml



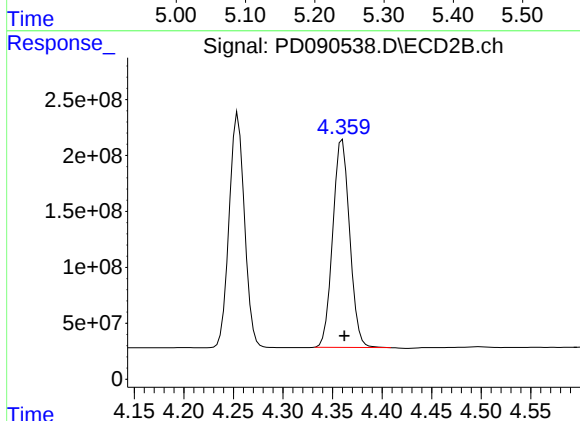
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: -0.001 min
Response: 347606801
Conc: 54.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

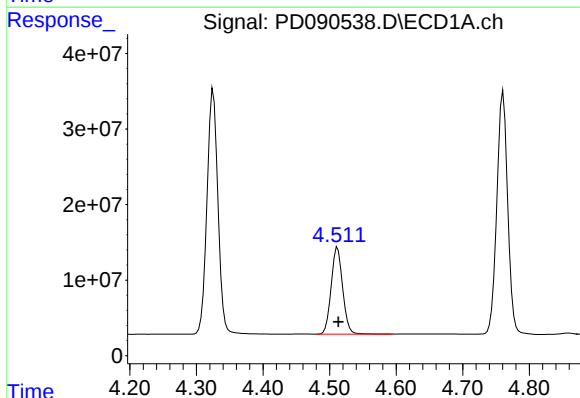
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/08/2025
Supervised By :mohammad ahmed 10/09/2025



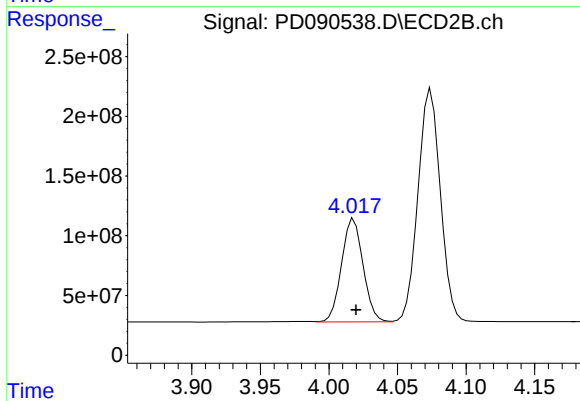
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: -0.002 min
Response: 2206578072
Conc: 55.25 ng/ml



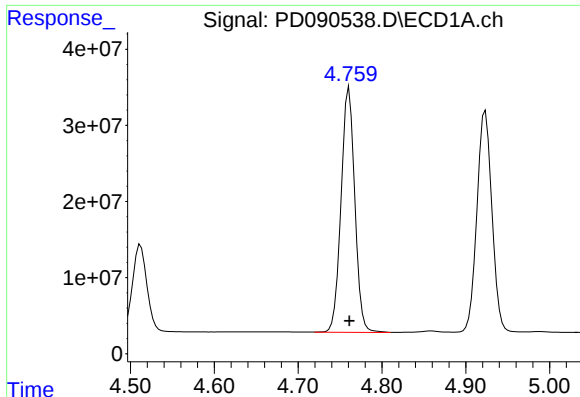
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: -0.001 min
Response: 137883121
Conc: 53.44 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: -0.002 min
Response: 943769662
Conc: 54.44 ng/ml



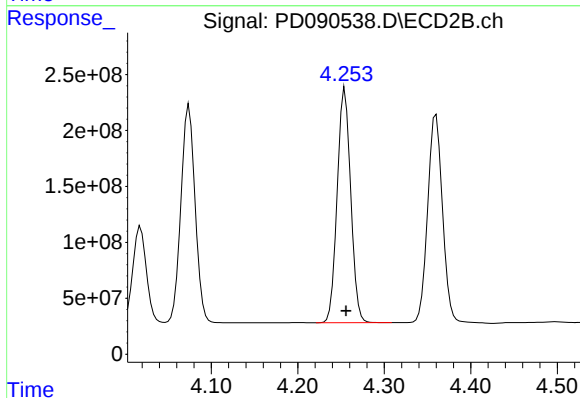
#7 delta-BHC

R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 366503815
Conc: 56.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

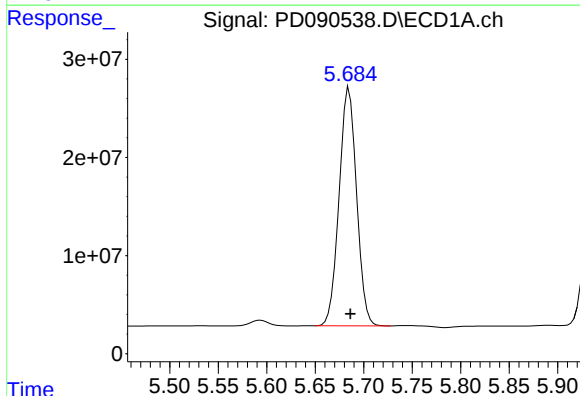
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/08/2025
Supervised By :mohammad ahmed 10/09/2025



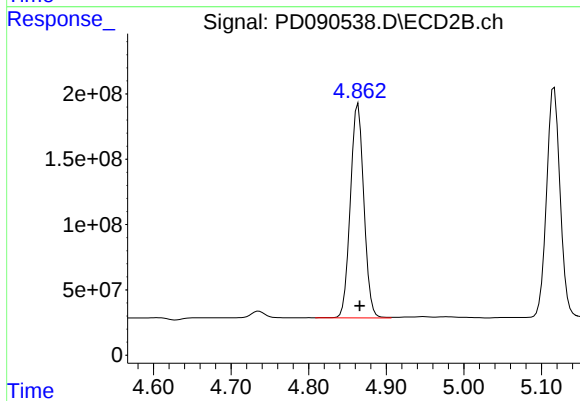
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: -0.001 min
Response: 2259656749
Conc: 54.72 ng/ml



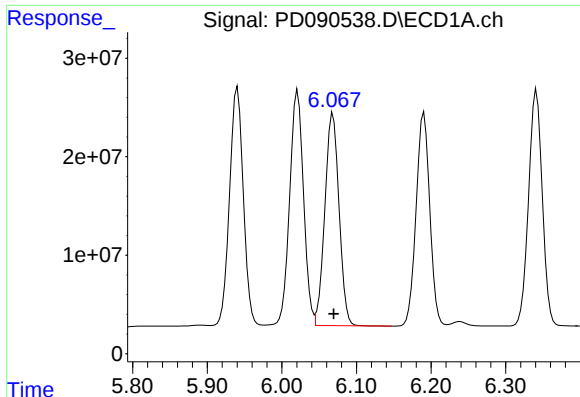
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: -0.001 min
Response: 304519614
Conc: 53.28 ng/ml



#8 Heptachlor epoxide

R.T.: 4.864 min
Delta R.T.: -0.002 min
Response: 1977430164
Conc: 53.64 ng/ml



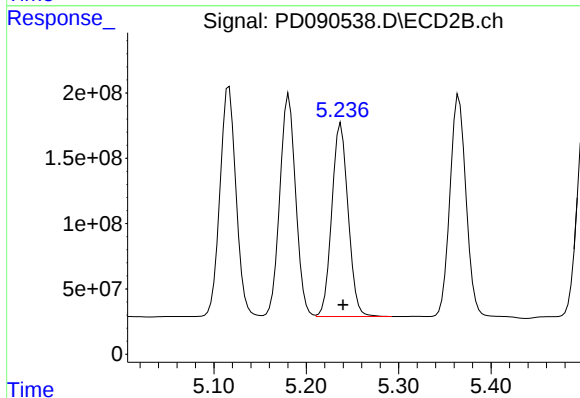
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: -0.001 min
Response: 285158254
Conc: 52.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

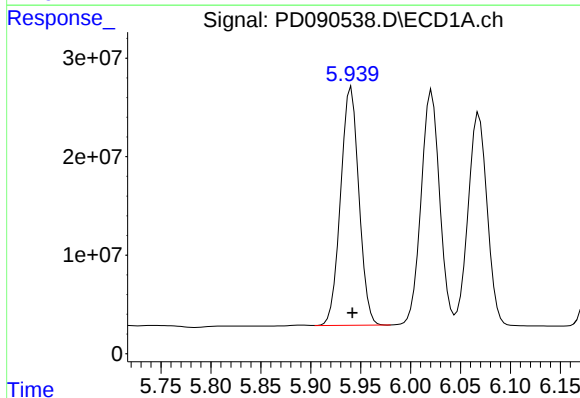
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/08/2025
Supervised By :mohammad ahmed 10/09/2025



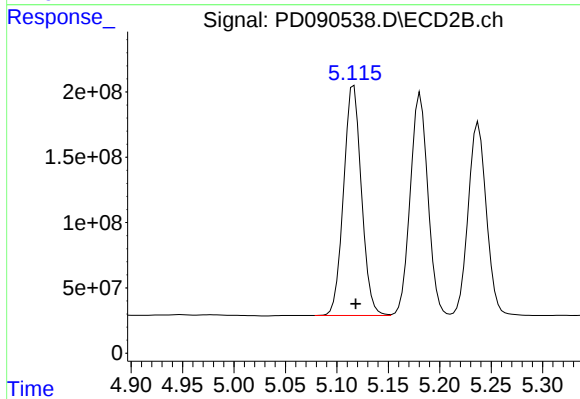
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: -0.002 min
Response: 1814510198
Conc: 52.43 ng/ml



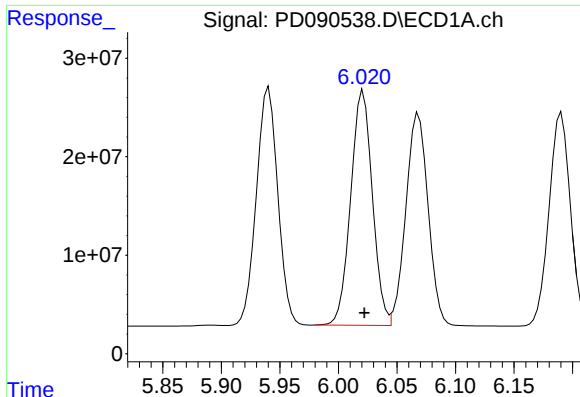
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 308446337
Conc: 54.00 ng/ml



#10 gamma-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.002 min
Response: 2127816165
Conc: 54.16 ng/ml



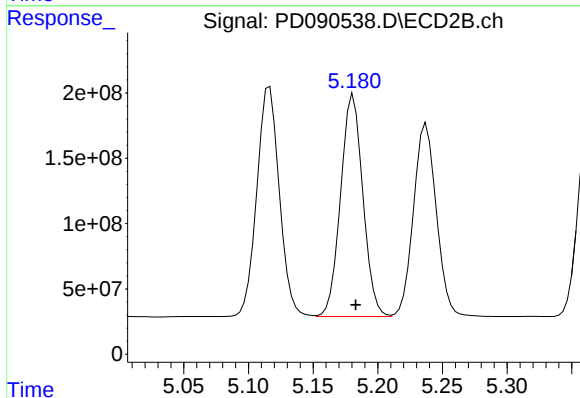
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: -0.001 min
Response: 307338022
Conc: 53.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

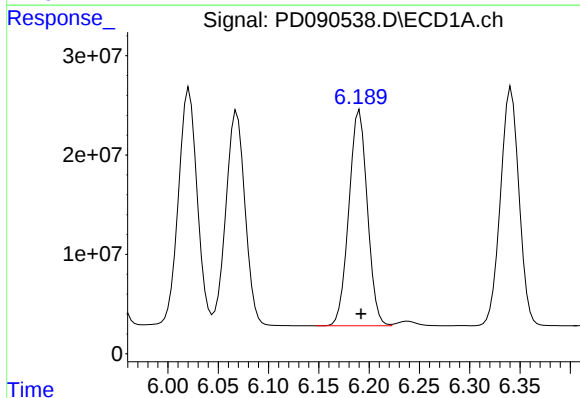
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/08/2025
Supervised By :mohammad ahmed 10/09/2025



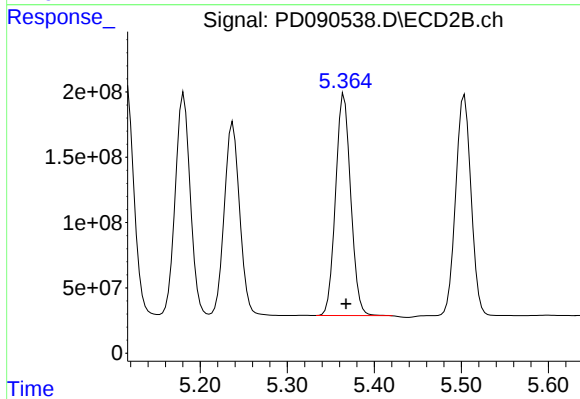
#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: -0.002 min
Response: 2031247063
Conc: 53.93 ng/ml



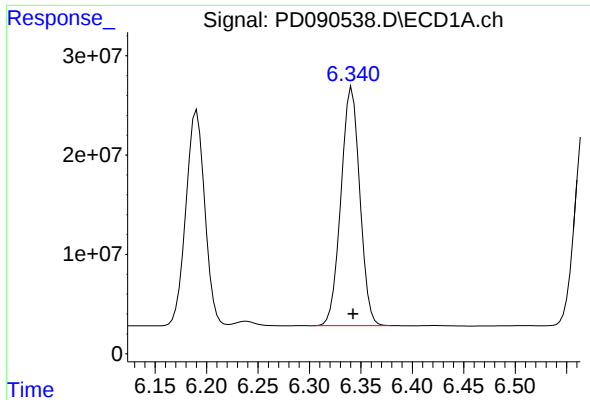
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.001 min
Response: 276914255
Conc: 53.18 ng/ml



#12 4,4'-DDE

R.T.: 5.365 min
Delta R.T.: -0.002 min
Response: 2054843459
Conc: 53.68 ng/ml



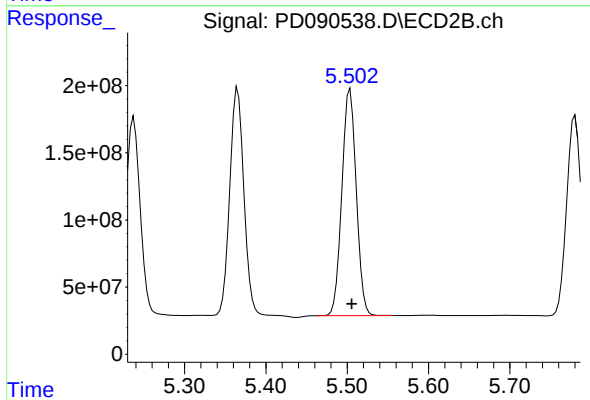
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.001 min
Response: 306150708
Conc: 53.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

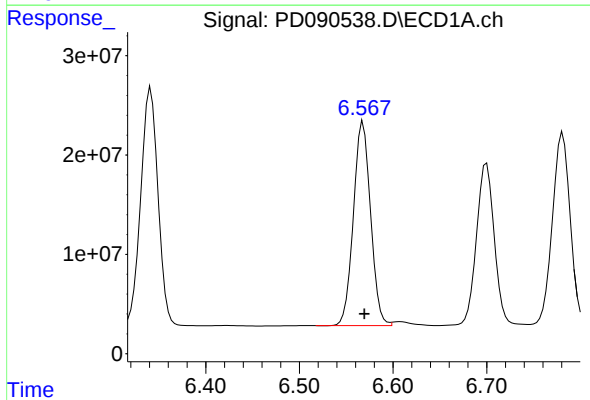
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/08/2025
Supervised By :mohammad ahmed 10/09/2025



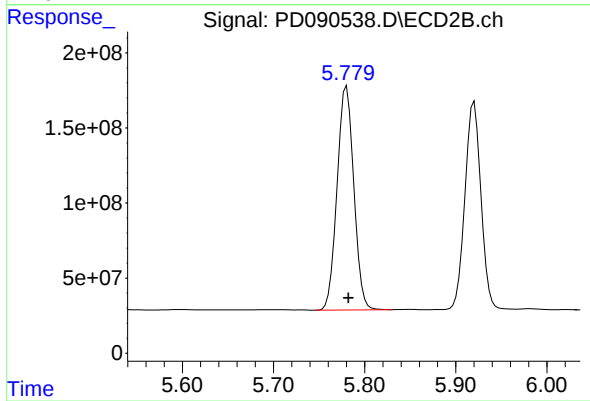
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.002 min
Response: 2069012667
Conc: 53.13 ng/ml



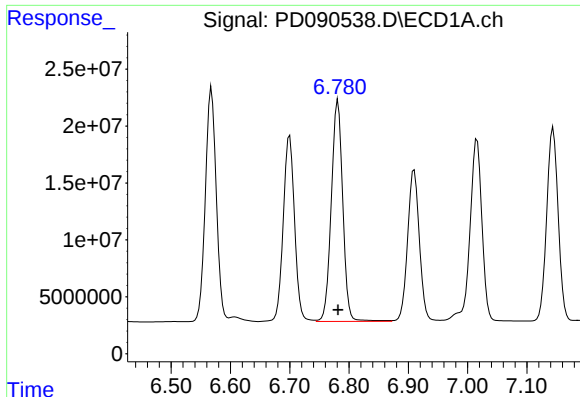
#14 Endrin

R.T.: 6.568 min
Delta R.T.: -0.001 min
Response: 261889829
Conc: 53.51 ng/ml



#14 Endrin

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 1899517095
Conc: 53.01 ng/ml



#15 Endosulfan II

R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 260826714
Conc: 53.47 ng/ml

Instrument :

ECD_D

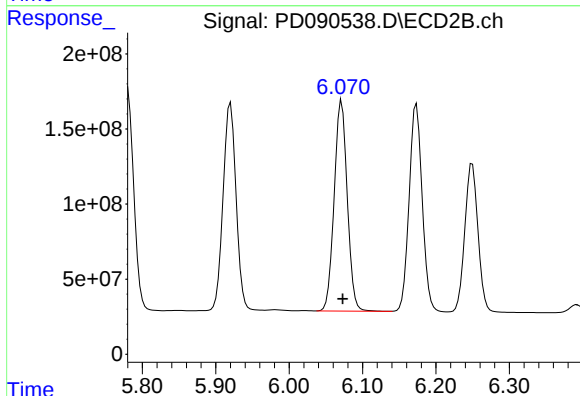
ClientSampleId :

PSTDCCC050

Manual Integrations

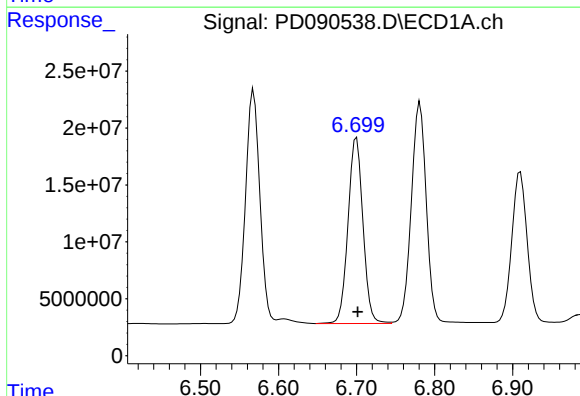
APPROVED

Reviewed By :Abdul Mirza 10/08/2025
Supervised By :mohammad ahmed 10/09/2025



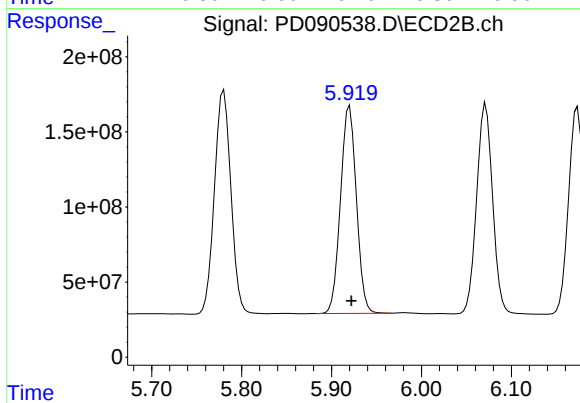
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 1739965674
Conc: 51.55 ng/ml



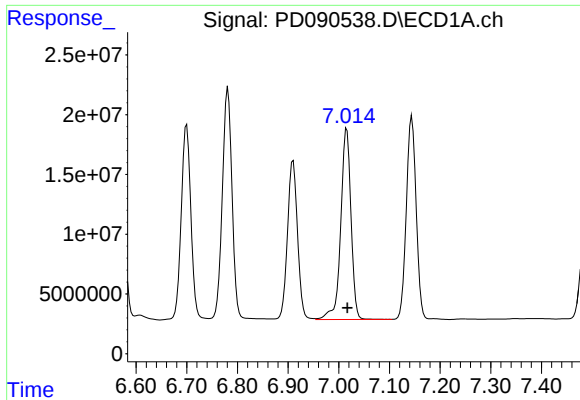
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: -0.001 min
Response: 217006755
Conc: 52.96 ng/ml



#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: -0.002 min
Response: 1697145053
Conc: 52.34 ng/ml



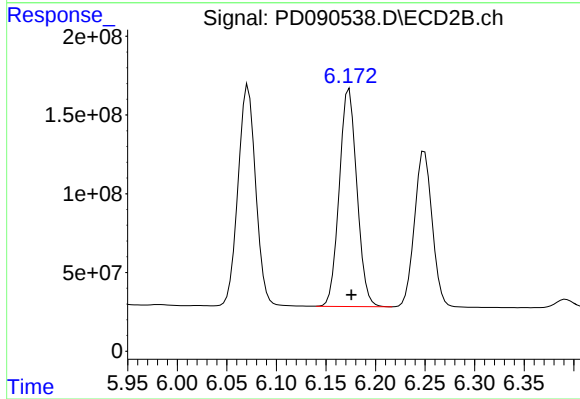
#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 225140281
Conc: 50.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

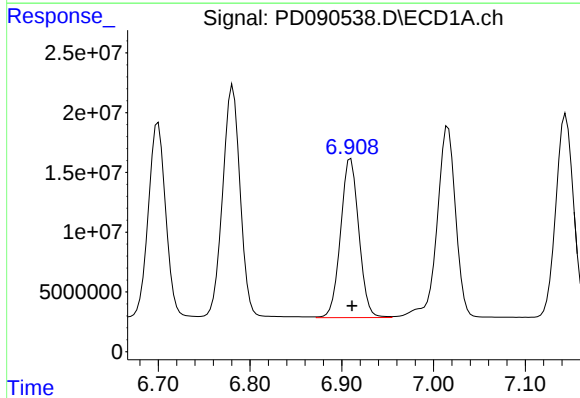
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/08/2025
Supervised By :mohammad ahmed 10/09/2025



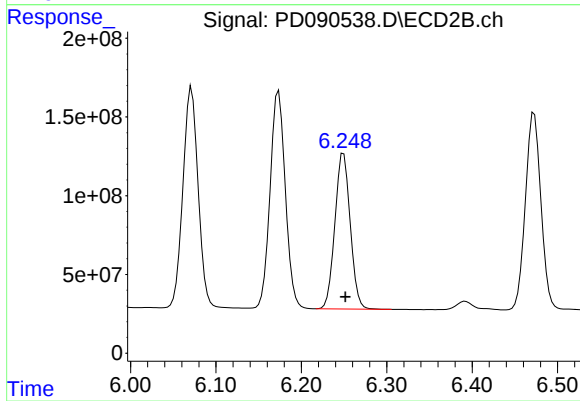
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.002 min
Response: 1714644433
Conc: 49.87 ng/ml



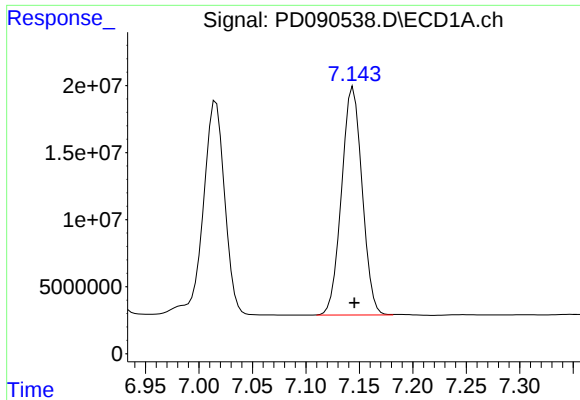
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: -0.001 min
Response: 183393990
Conc: 53.46 ng/ml



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.002 min
Response: 1233135651
Conc: 52.37 ng/ml



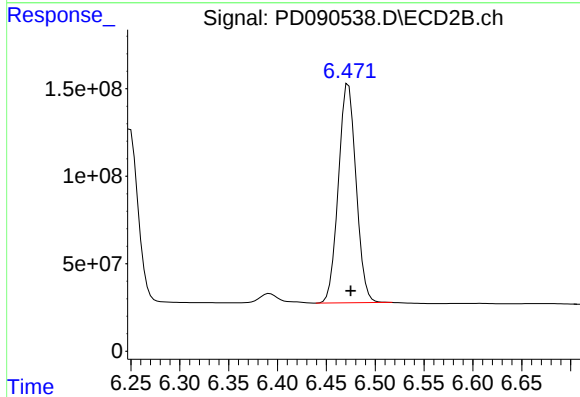
#19 Endosulfan Sulfate

R.T.: 7.144 min
Delta R.T.: -0.001 min
Response: 227807162
Conc: 49.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

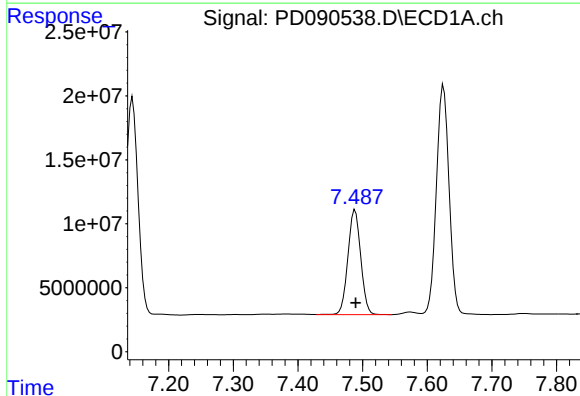
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/08/2025
Supervised By :mohammad ahmed 10/09/2025



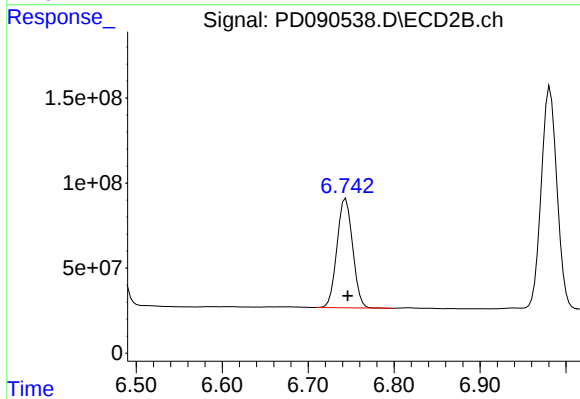
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: -0.002 min
Response: 1578983114
Conc: 48.30 ng/ml



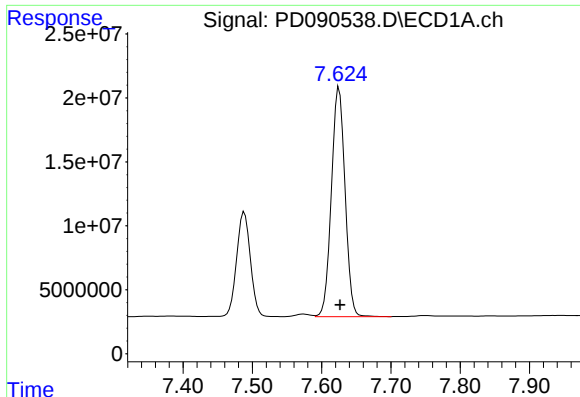
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: -0.001 min
Response: 113504608
Conc: 48.17 ng/ml



#20 Methoxychlor

R.T.: 6.744 min
Delta R.T.: -0.002 min
Response: 812867851
Conc: 46.72 ng/ml



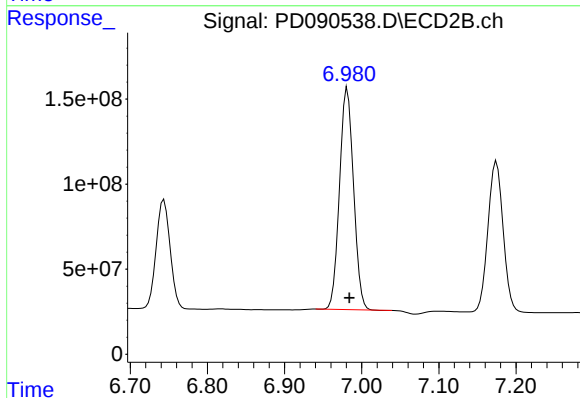
#21 Endrin ketone

R.T.: 7.625 min
Delta R.T.: -0.001 min
Response: 245460485
Conc: 49.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

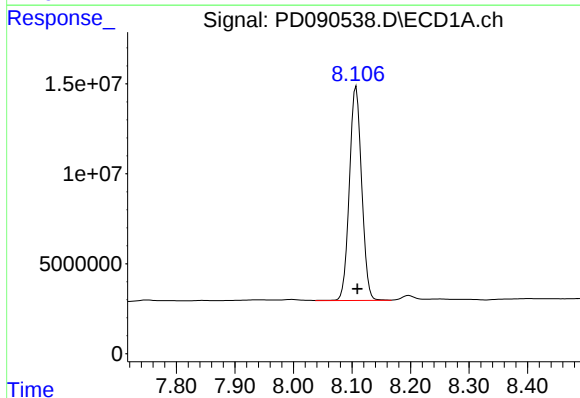
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/08/2025
Supervised By :mohammad ahmed 10/09/2025



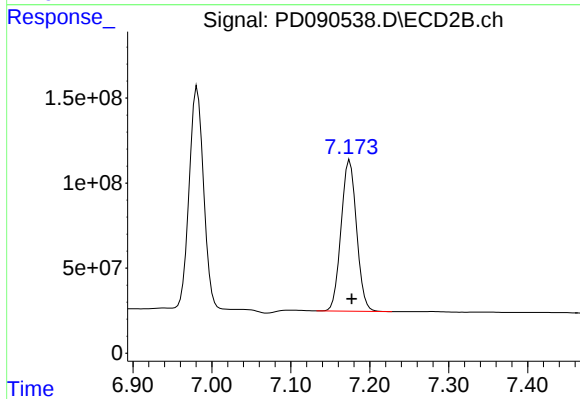
#21 Endrin ketone

R.T.: 6.982 min
Delta R.T.: -0.003 min
Response: 1643768825
Conc: 45.53 ng/ml



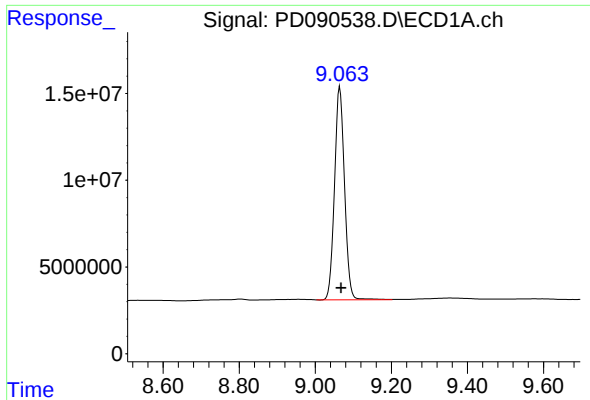
#22 Mirex

R.T.: 8.107 min
Delta R.T.: -0.002 min
Response: 173144220
Conc: 46.73 ng/ml



#22 Mirex

R.T.: 7.175 min
Delta R.T.: -0.003 min
Response: 1212654357
Conc: 43.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: -0.003 min
Response: 225241123
Conc: 46.68 ng/ml

Instrument :

ECD_D

ClientSampleId :

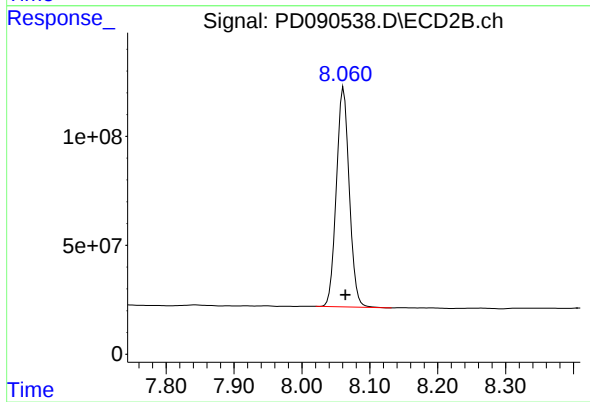
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 10/08/2025

Supervised By :mohammad ahmed 10/09/2025



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.002 min
Response: 1333751693
Conc: 41.15 ng/ml