

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062125\
 Data File : PD089064.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2025 19:41
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/23/2025
 Supervised By :mohammad ahmed 06/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 23:06:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 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...	3.550	2.881	139.5E6	838.9E6	48.895	49.484
28)	SA Decachlor...	9.072	8.072	181.6E6	920.2E6	46.237	46.543
Target Compounds							
2)	A alpha-BHC	3.999	3.393	295.9E6	1334.3E6	50.757	49.791
3)	MA gamma-BHC...	4.330	3.729	281.0E6	1228.5E6	50.340	49.624
4)	MA Heptachlor	4.929	4.083	274.8E6	1230.6E6	50.407	49.149
5)	MB Aldrin	5.271	4.368	264.6E6	1193.6E6	49.795	49.289
6)	B beta-BHC	4.516	4.025	107.1E6	526.3E6	48.539	48.977
7)	B delta-BHC	4.764	4.262	268.1E6	1236.1E6	52.223	49.696
8)	B Heptachlo...	5.690	4.872	233.1E6	1085.9E6	48.331	49.587
9)	A Endosulfan I	6.074	5.247	218.6E6	1008.8E6	48.498	48.401
10)	B gamma-Chl...	5.946	5.126	230.0E6	1172.1E6	48.035	48.996
11)	B alpha-Chl...	6.027	5.190	234.9E6	1113.8E6	48.540	48.642
12)	B 4,4'-DDE	6.196	5.375	210.7E6	1105.0E6	48.305	48.220
13)	MA Dieldrin	6.347	5.513	233.3E6	1125.4E6	48.623	48.492
14)	MA Endrin	6.574	5.788	197.4E6	1039.5E6	47.852	47.872m
15)	B Endosulfa...	6.786	6.080	183.6E6	963.8E6	45.477	47.722
16)	A 4,4'-DDD	6.705	5.929	166.1E6	904.4E6	48.392	47.279
17)	MA 4,4'-DDT	7.021	6.183	181.0E6	971.3E6	47.784	47.895
18)	B Endrin al...	6.914	6.258	143.2E6	712.3E6	46.743	46.520
19)	B Endosulfa...	7.149	6.482	179.8E6	925.2E6	46.846	47.154
20)	A Methoxychlor	7.493	6.755	92003196	498.7E6	45.532	46.313
21)	B Endrin ke...	7.630	6.991	193.4E6	1002.3E6	47.474	46.400
22)	Mirex	8.113	7.185	140.3E6	764.9E6	46.137	45.865

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062125\
Data File : PD089064.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jun 2025 19:41
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

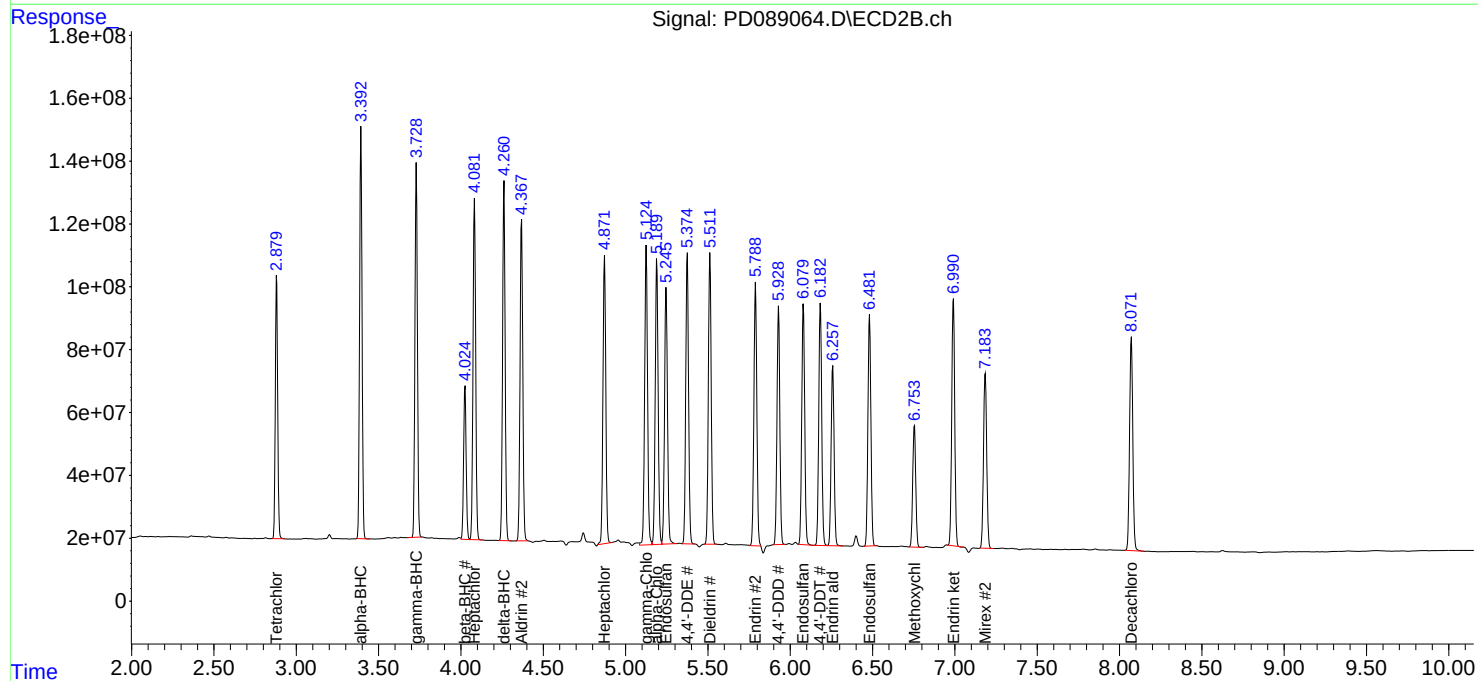
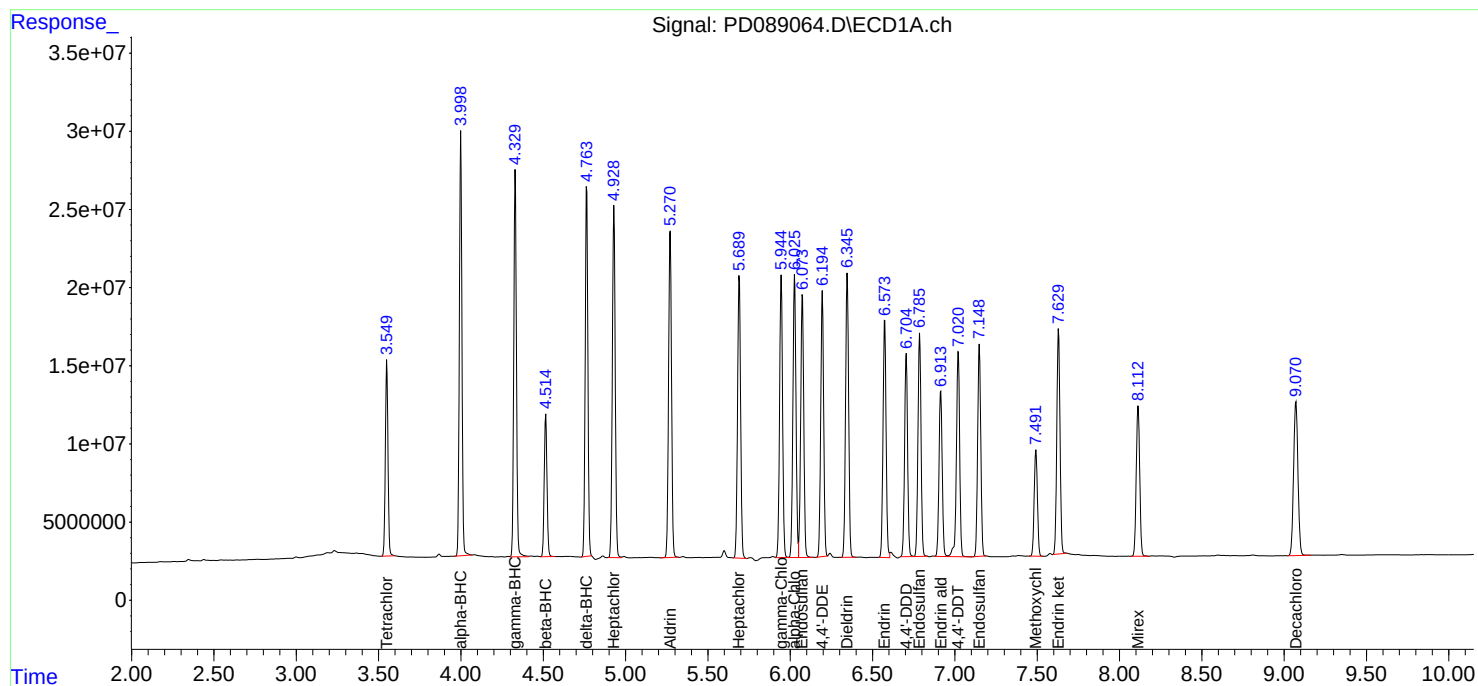
APPROVED

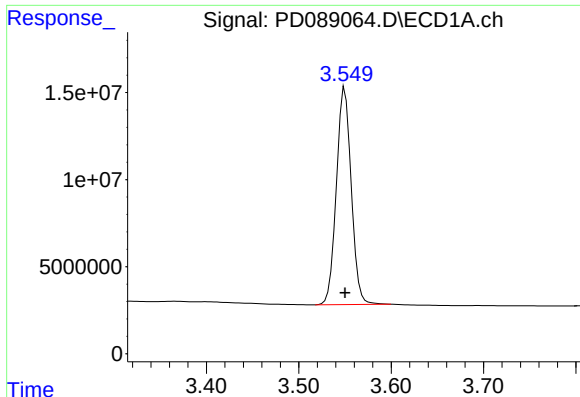
Reviewed By :Abdul Mirza 06/23/2025

Supervised By :mohammad ahmed 06/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 23:06:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 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





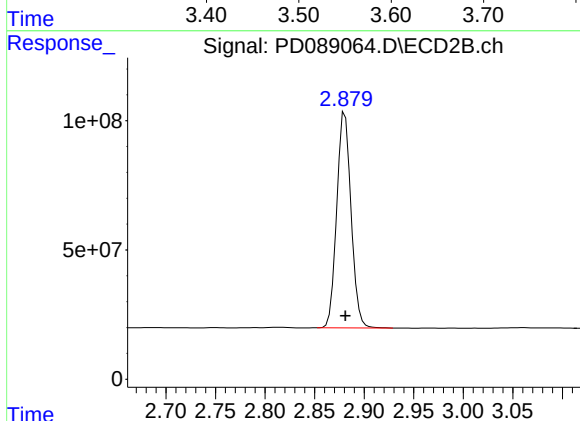
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 139504408
Conc: 48.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

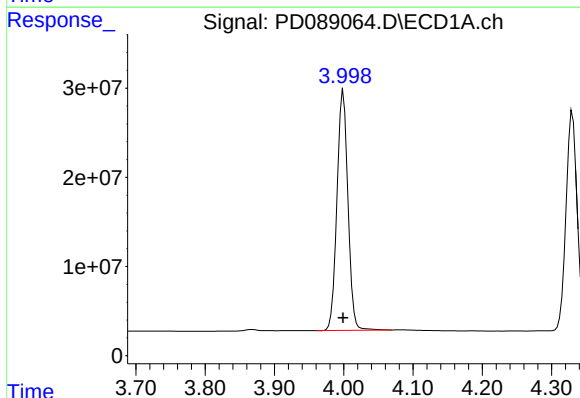
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/23/2025
Supervised By :mohammad ahmed 06/24/2025



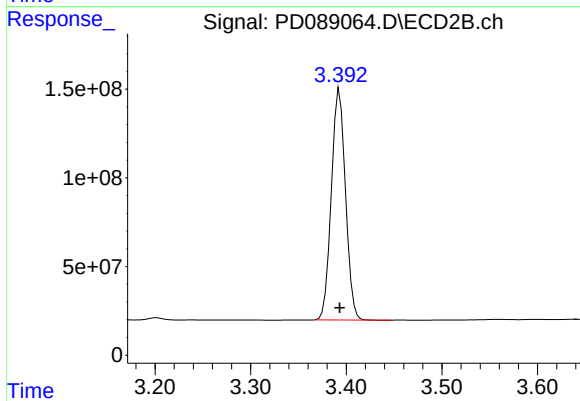
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 838912813
Conc: 49.48 ng/ml



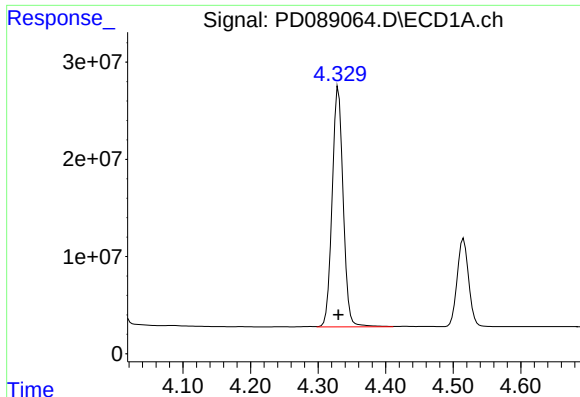
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 295863271
Conc: 50.76 ng/ml



#2 alpha-BHC

R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 1334265184
Conc: 49.79 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 280983630
Conc: 50.34 ng/ml

Instrument :

ECD_D

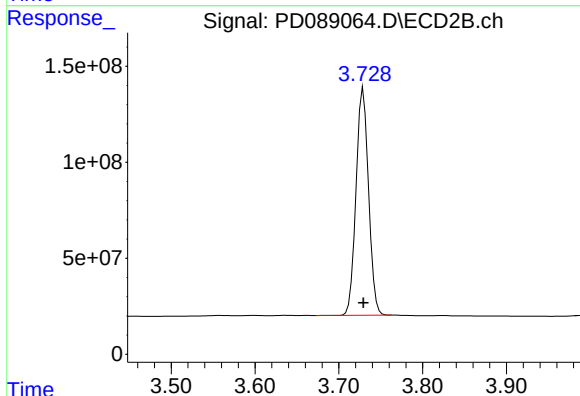
ClientSampleId :

PSTDCCC050

Manual Integrations

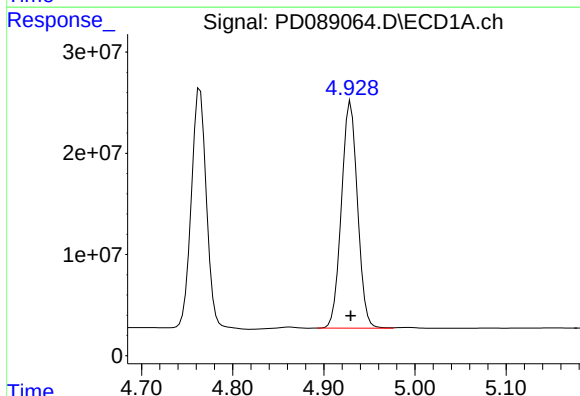
APPROVED

Reviewed By :Abdul Mirza 06/23/2025
Supervised By :mohammad ahmed 06/24/2025



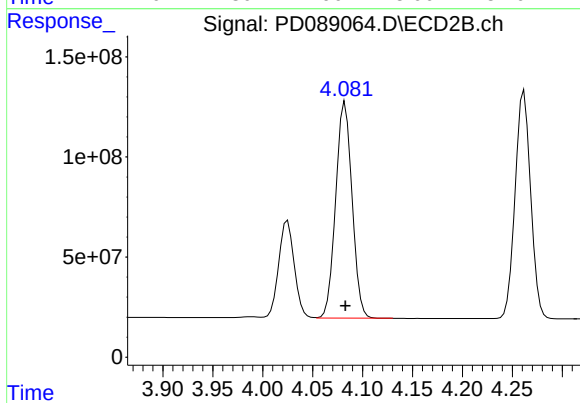
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 1228544632
Conc: 49.62 ng/ml



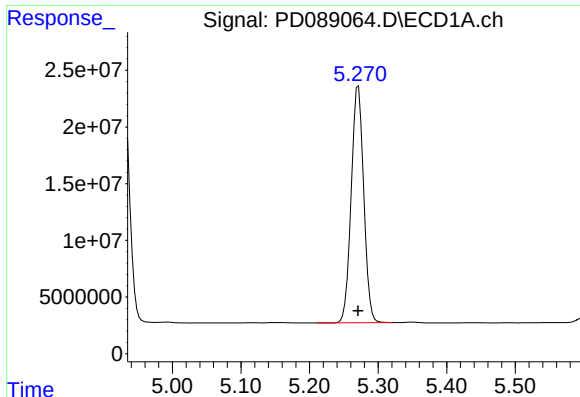
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 274815055
Conc: 50.41 ng/ml



#4 Heptachlor

R.T.: 4.083 min
Delta R.T.: 0.000 min
Response: 1230603400
Conc: 49.15 ng/ml



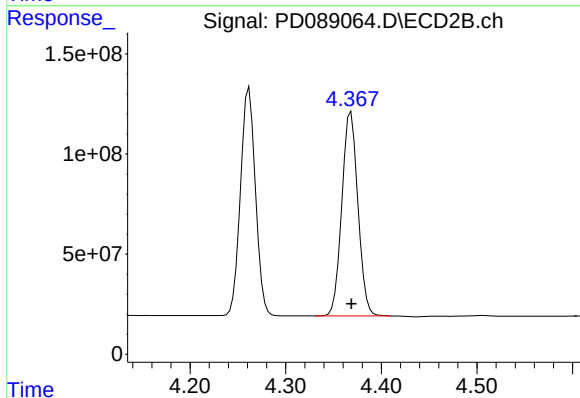
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 264560818
Conc: 49.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

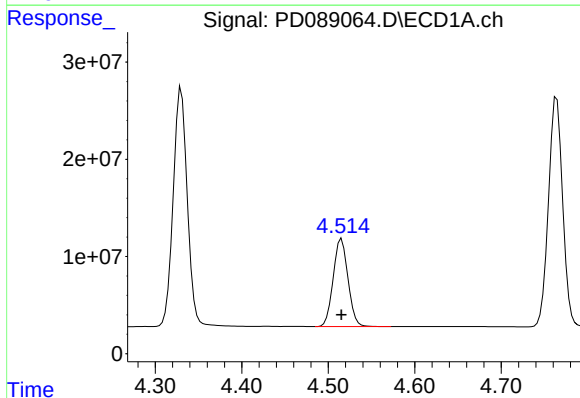
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/23/2025
Supervised By :mohammad ahmed 06/24/2025



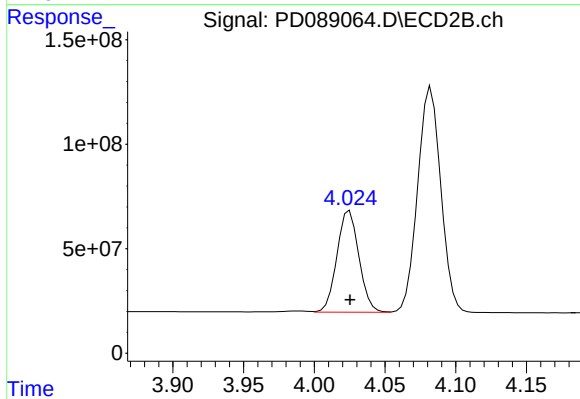
#5 Aldrin

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 1193633595
Conc: 49.29 ng/ml



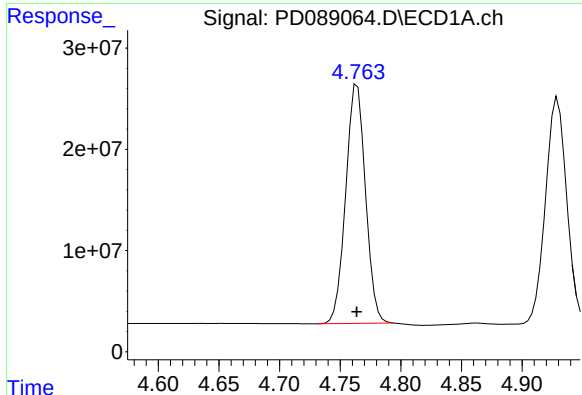
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 107132498
Conc: 48.54 ng/ml



#6 beta-BHC

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 526316922
Conc: 48.98 ng/ml



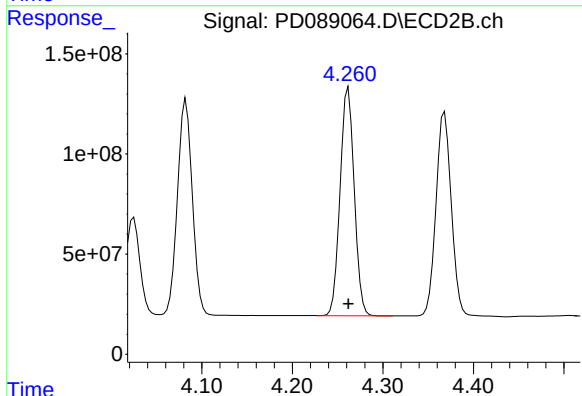
#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 268053817
Conc: 52.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

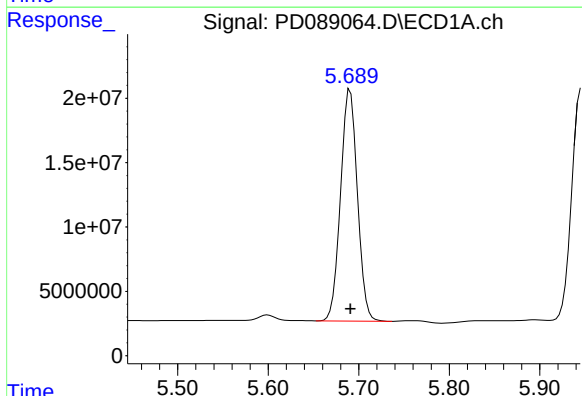
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/23/2025
Supervised By :mohammad ahmed 06/24/2025



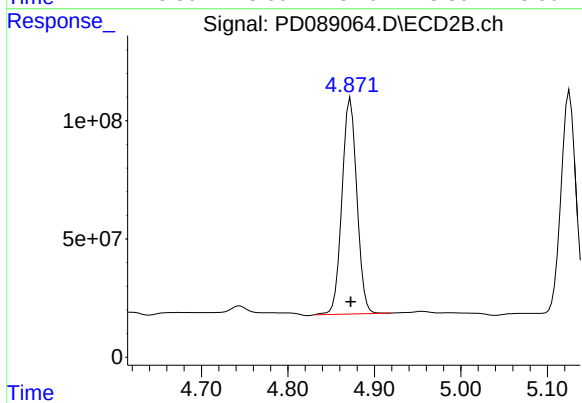
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 1236119374
Conc: 49.70 ng/ml



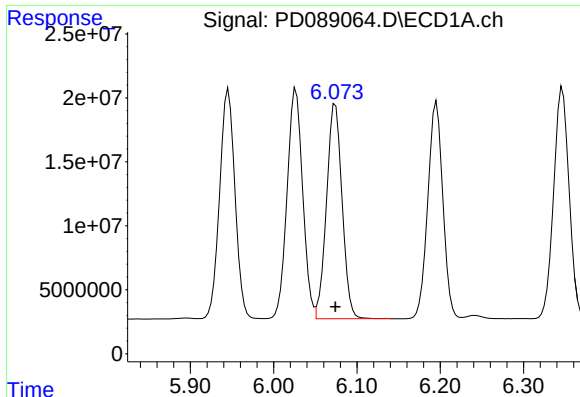
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 233147360
Conc: 48.33 ng/ml



#8 Heptachlor epoxide

R.T.: 4.872 min
Delta R.T.: 0.000 min
Response: 1085851736
Conc: 49.59 ng/ml



#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 218602764
Conc: 48.50 ng/ml

Instrument :

ECD_D

ClientSampleId :

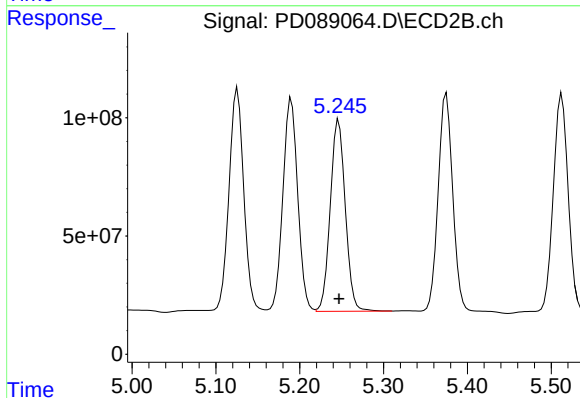
PSTDCCC050

Manual Integrations

APPROVED

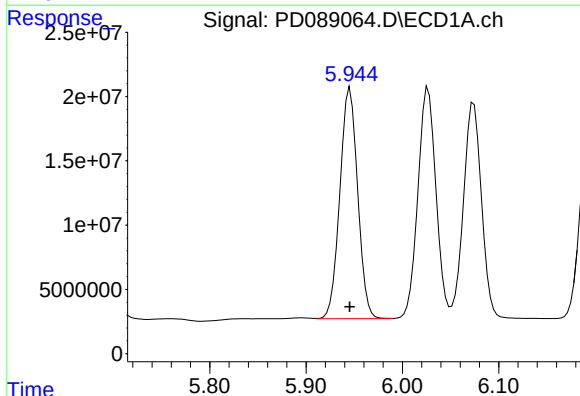
Reviewed By :Abdul Mirza 06/23/2025

Supervised By :mohammad ahmed 06/24/2025



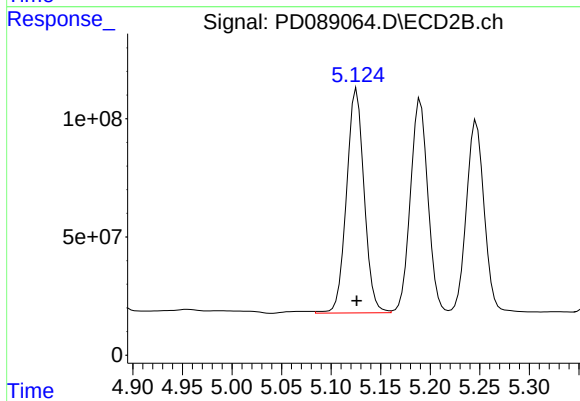
#9 Endosulfan I

R.T.: 5.247 min
Delta R.T.: 0.000 min
Response: 1008798165
Conc: 48.40 ng/ml



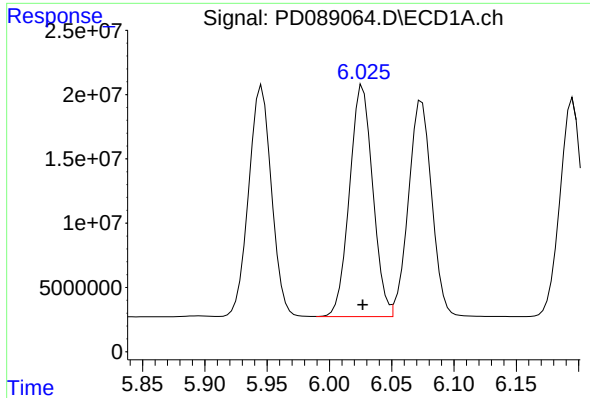
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 229997968
Conc: 48.04 ng/ml



#10 gamma-Chlordane

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 1172122390
Conc: 49.00 ng/ml



#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 234861218
Conc: 48.54 ng/ml

Instrument :

ECD_D

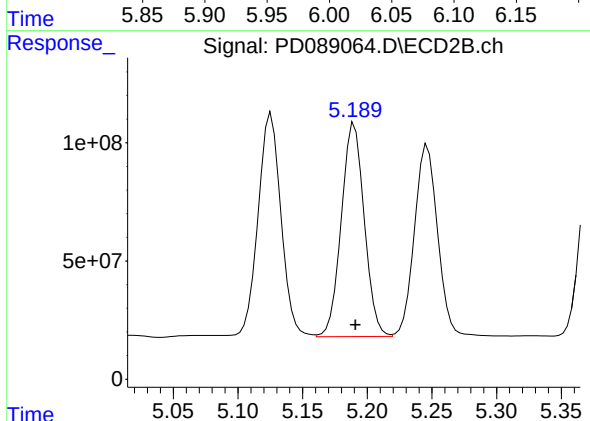
ClientSampleId :

PSTDCCC050

Manual Integrations

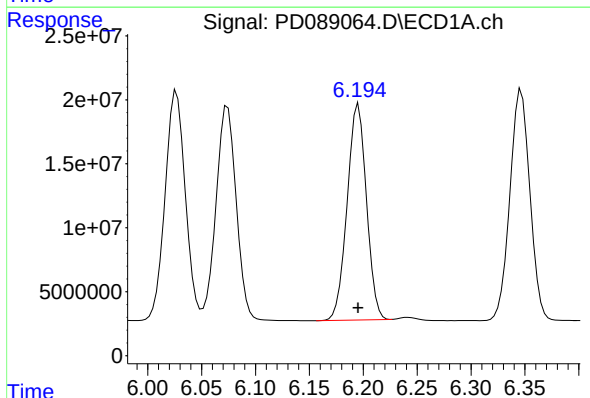
APPROVED

Reviewed By :Abdul Mirza 06/23/2025
Supervised By :mohammad ahmed 06/24/2025



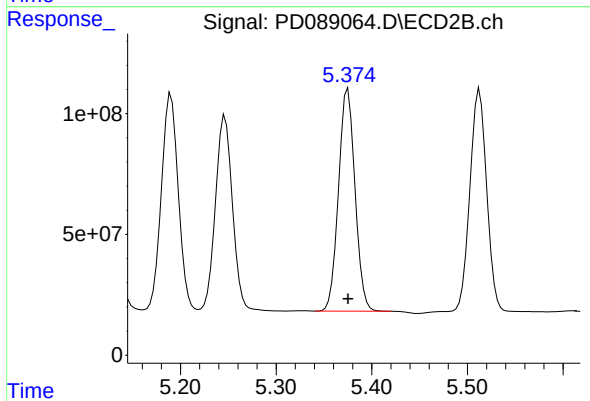
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 1113751223
Conc: 48.64 ng/ml



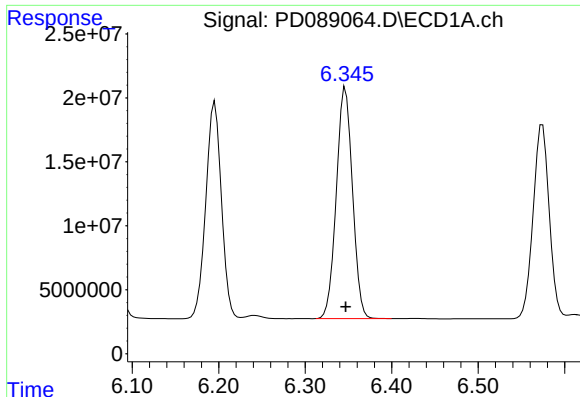
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 210659674
Conc: 48.30 ng/ml



#12 4,4'-DDE

R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 1105008102
Conc: 48.22 ng/ml



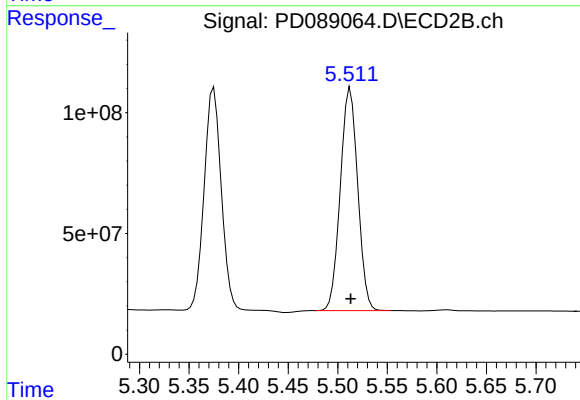
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: 0.000 min
Response: 233264811
Conc: 48.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

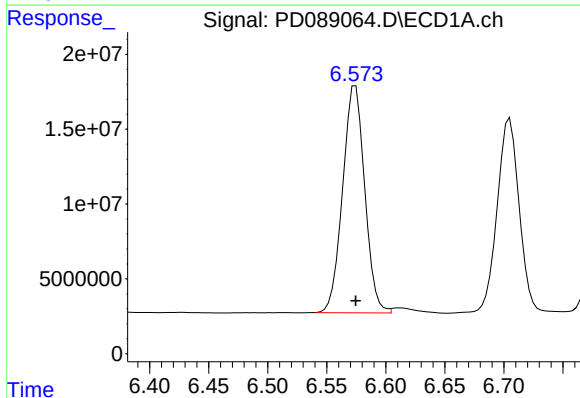
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/23/2025
Supervised By :mohammad ahmed 06/24/2025



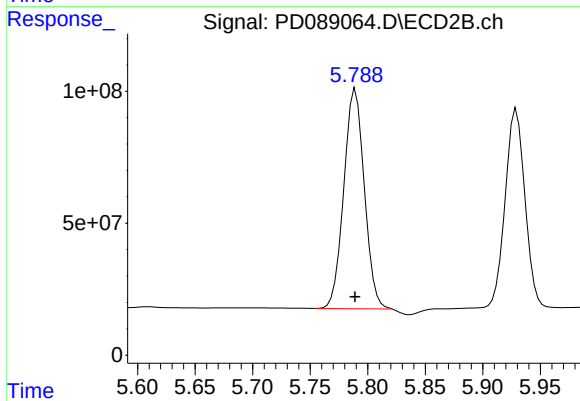
#13 Dieldrin

R.T.: 5.513 min
Delta R.T.: 0.000 min
Response: 1125429356
Conc: 48.49 ng/ml



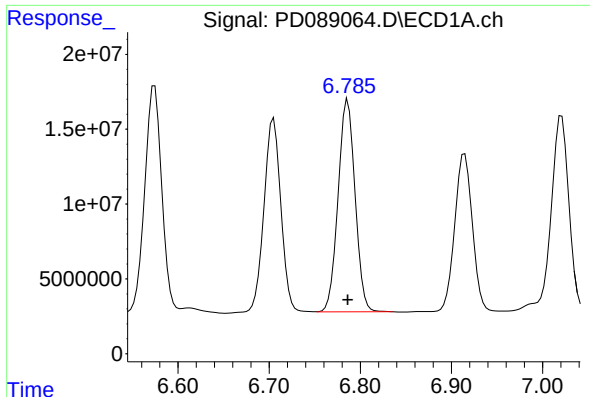
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 197416832
Conc: 47.85 ng/ml



#14 Endrin

R.T.: 5.788 min
Delta R.T.: -0.001 min
Response: 1039493309
Conc: 47.87 ng/ml m



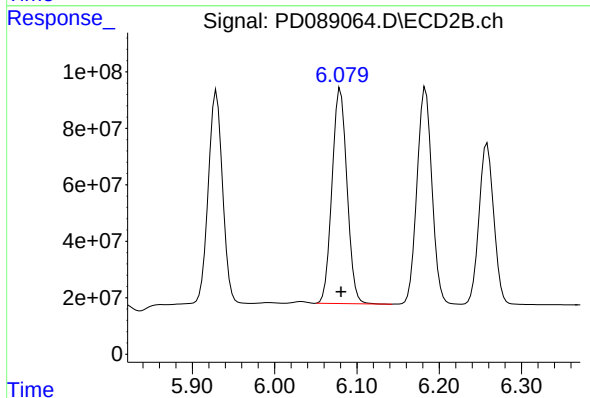
#15 Endosulfan II

R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 183573689
Conc: 45.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

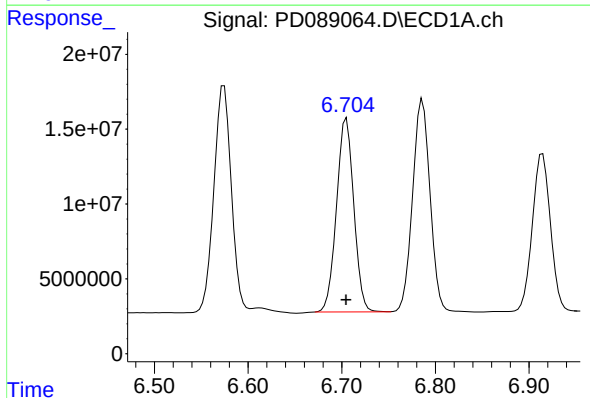
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/23/2025
Supervised By :mohammad ahmed 06/24/2025



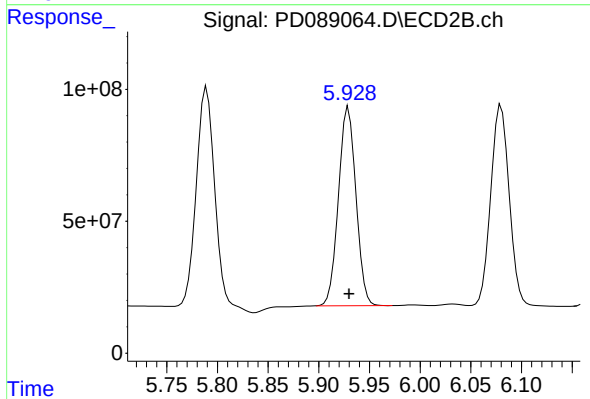
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 963832728
Conc: 47.72 ng/ml



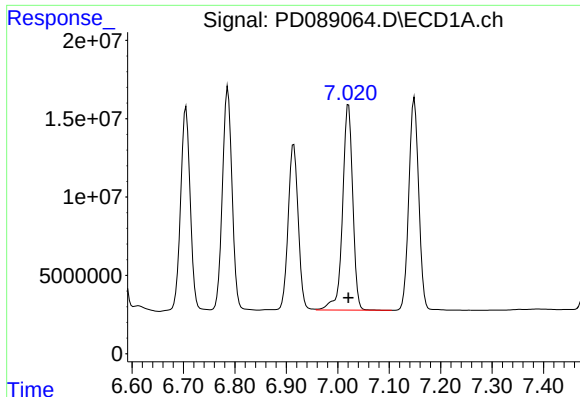
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 166083084
Conc: 48.39 ng/ml



#16 4,4'-DDD

R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 904427290
Conc: 47.28 ng/ml



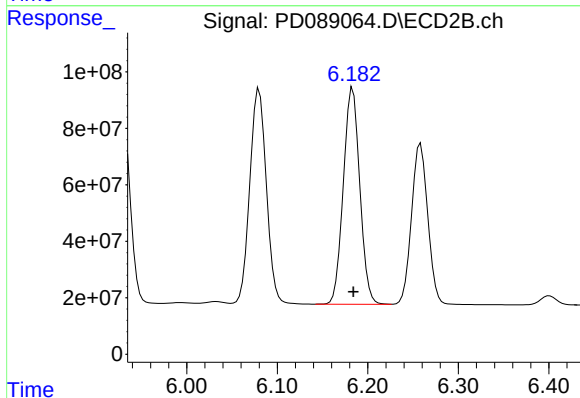
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 181016794
Conc: 47.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

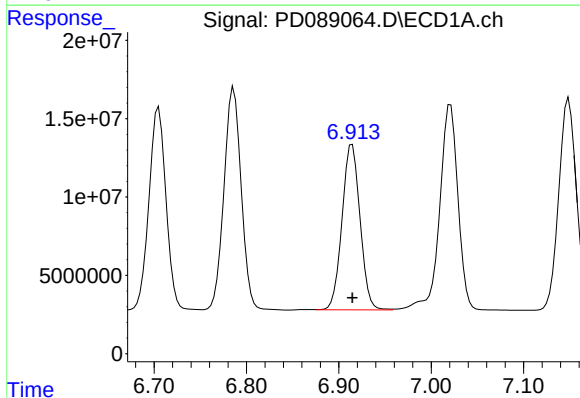
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/23/2025
Supervised By :mohammad ahmed 06/24/2025



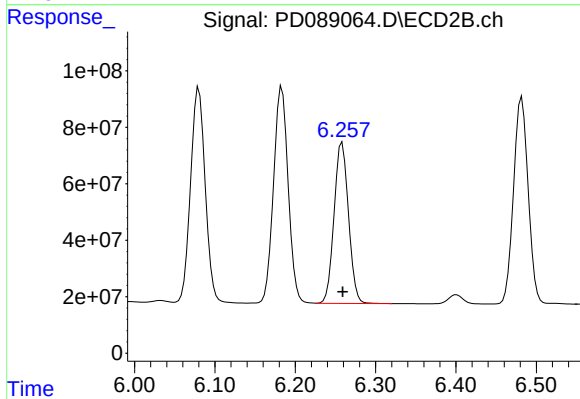
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 971276164
Conc: 47.89 ng/ml



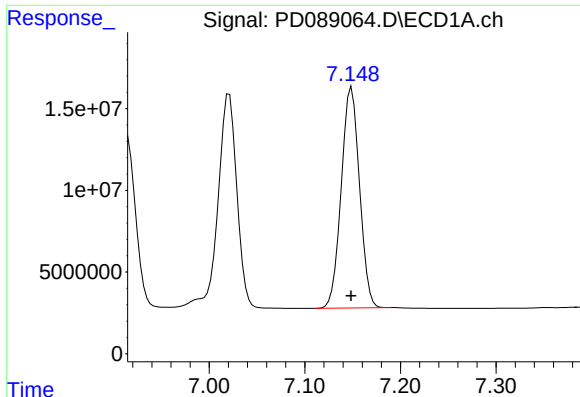
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 143218504
Conc: 46.74 ng/ml



#18 Endrin aldehyde

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 712280484
Conc: 46.52 ng/ml



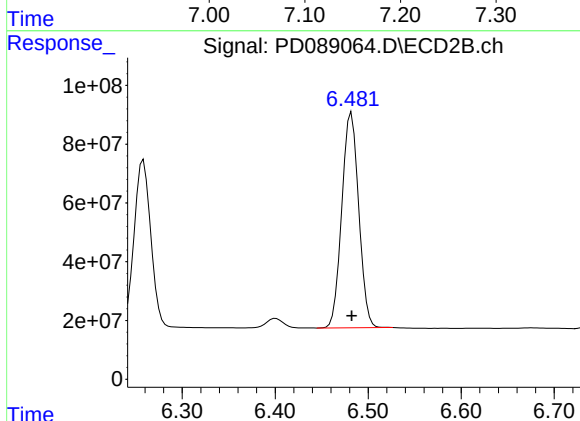
#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 179758836
Conc: 46.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

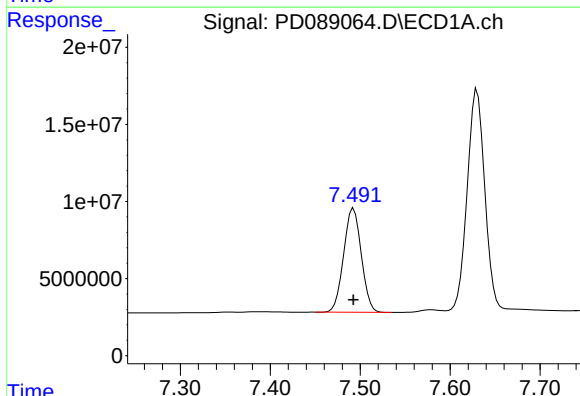
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/23/2025
Supervised By :mohammad ahmed 06/24/2025



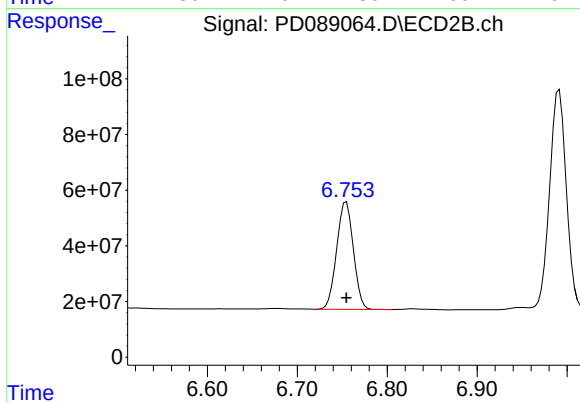
#19 Endosulfan Sulfate

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 925216740
Conc: 47.15 ng/ml



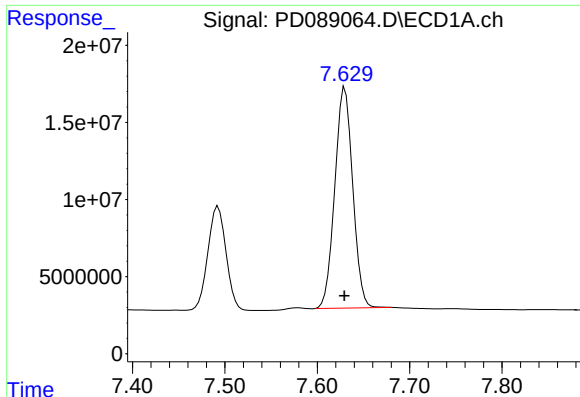
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 92003196
Conc: 45.53 ng/ml



#20 Methoxychlor

R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 498704010
Conc: 46.31 ng/ml



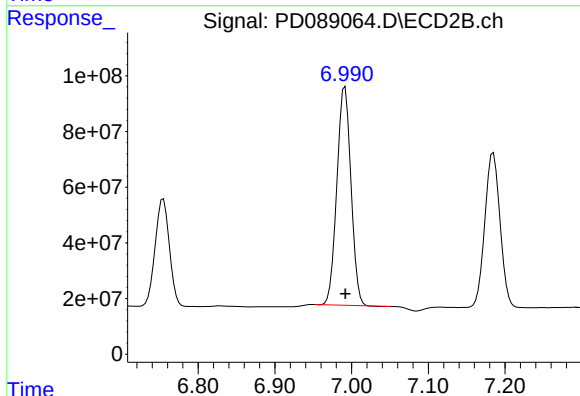
#21 Endrin ketone

R.T.: 7.630 min
Delta R.T.: 0.000 min
Response: 193366022
Conc: 47.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

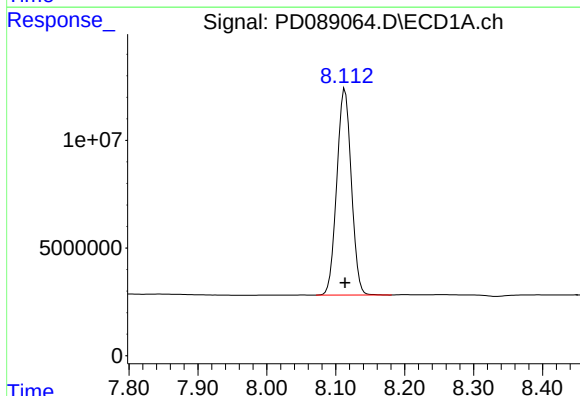
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/23/2025
Supervised By :mohammad ahmed 06/24/2025



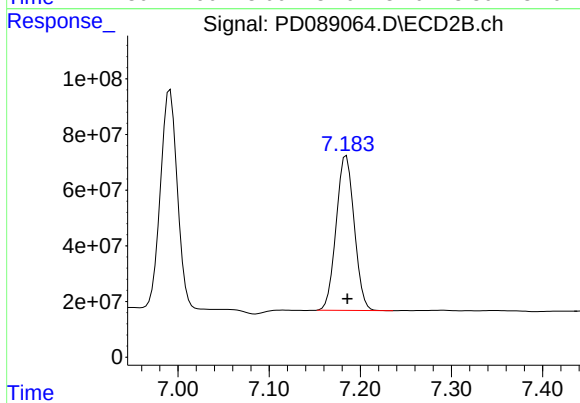
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: 0.000 min
Response: 1002315067
Conc: 46.40 ng/ml



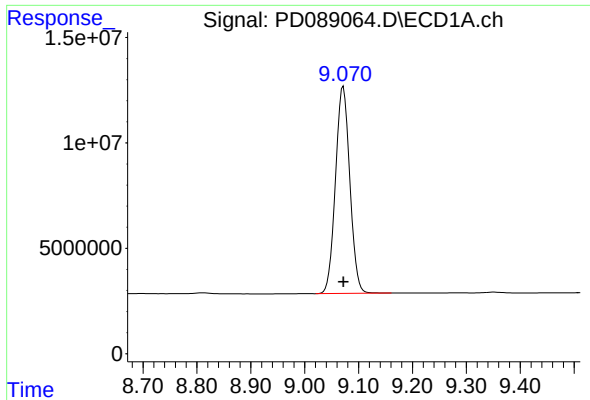
#22 Mirex

R.T.: 8.113 min
Delta R.T.: 0.000 min
Response: 140262820
Conc: 46.14 ng/ml



#22 Mirex

R.T.: 7.185 min
Delta R.T.: -0.001 min
Response: 764948331
Conc: 45.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 181602557
Conc: 46.24 ng/ml

Instrument :

ECD_D

ClientSampleId :

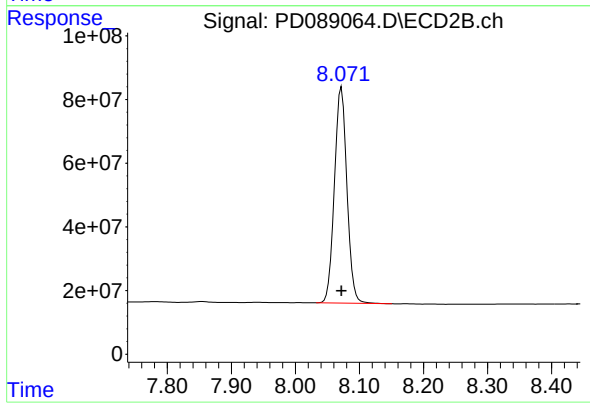
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 06/23/2025

Supervised By :mohammad ahmed 06/24/2025



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 920157617
Conc: 46.54 ng/ml