

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD053125\
 Data File : PD088787.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 May 2025 17:14
 Operator : AR\AJ
 Sample : Q2136-05MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 OR-646-COMP-52MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/02/2025
 Supervised By :mohammad ahmed 06/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 30 22:50:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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	46795533	295.3E6	21.627	19.524
28)	SA Decachlor...	9.078	8.075	82880512	434.1E6	24.218	23.776
Target Compounds							
2)	A alpha-BHC	4.000	3.393	271.7E6	1293.9E6	56.883	54.131
3)	MA gamma-BHC...	4.331	3.730	263.8E6	1196.7E6	57.305	53.987
4)	MA Heptachlor	4.930	4.083	244.2E6	1137.4E6	54.611	50.655
5)	MB Aldrin	5.272	4.370	235.4E6	1127.2E6	53.563	51.400
6)	B beta-BHC	4.516	4.026	98821994	522.8E6	54.805	53.662
7)	B delta-BHC	4.763	4.263	294.3E6	1232.9E6	69.633m	55.300
8)	B Heptachlo...	5.692	4.874	225.5E6	1073.1E6	56.814	54.003
9)	A Endosulfan I	6.076	5.248	213.6E6	1020.8E6	56.763	53.789
10)	B gamma-Chl...	5.948	5.127	227.0E6	1154.4E6	56.913	54.114
11)	B alpha-Chl...	6.029	5.191	226.0E6	1113.0E6	56.416	53.966
12)	B 4,4'-DDE	6.198	5.376	207.5E6	1127.3E6	57.822	53.931
13)	MA Dieldrin	6.349	5.514	231.2E6	1131.9E6	57.626	53.789
14)	MA Endrin	6.576	5.790	197.5E6	1041.3E6	57.818	53.998
15)	B Endosulfa...	6.788	6.082	194.4E6	1005.3E6	56.452	54.869
16)	A 4,4'-DDD	6.707	5.931	162.3E6	952.9E6	58.276	54.791
17)	MA 4,4'-DDT	7.023	6.185	172.3E6	979.2E6	55.197	53.989
18)	B Endrin al...	6.917	6.260	147.2E6	762.3E6	57.161	54.730
19)	B Endosulfa...	7.152	6.484	182.8E6	965.9E6	57.076	54.397
20)	A Methoxychlor	7.496	6.756	90982984	501.2E6	54.463	52.351
21)	B Endrin ke...	7.633	6.993	197.4E6	1057.8E6	57.668	54.671
22)	Mirex	8.117	7.187	140.0E6	800.8E6	53.876	52.676

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD053125\
Data File : PD088787.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 May 2025 17:14
Operator : AR\AJ
Sample : Q2136-05MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

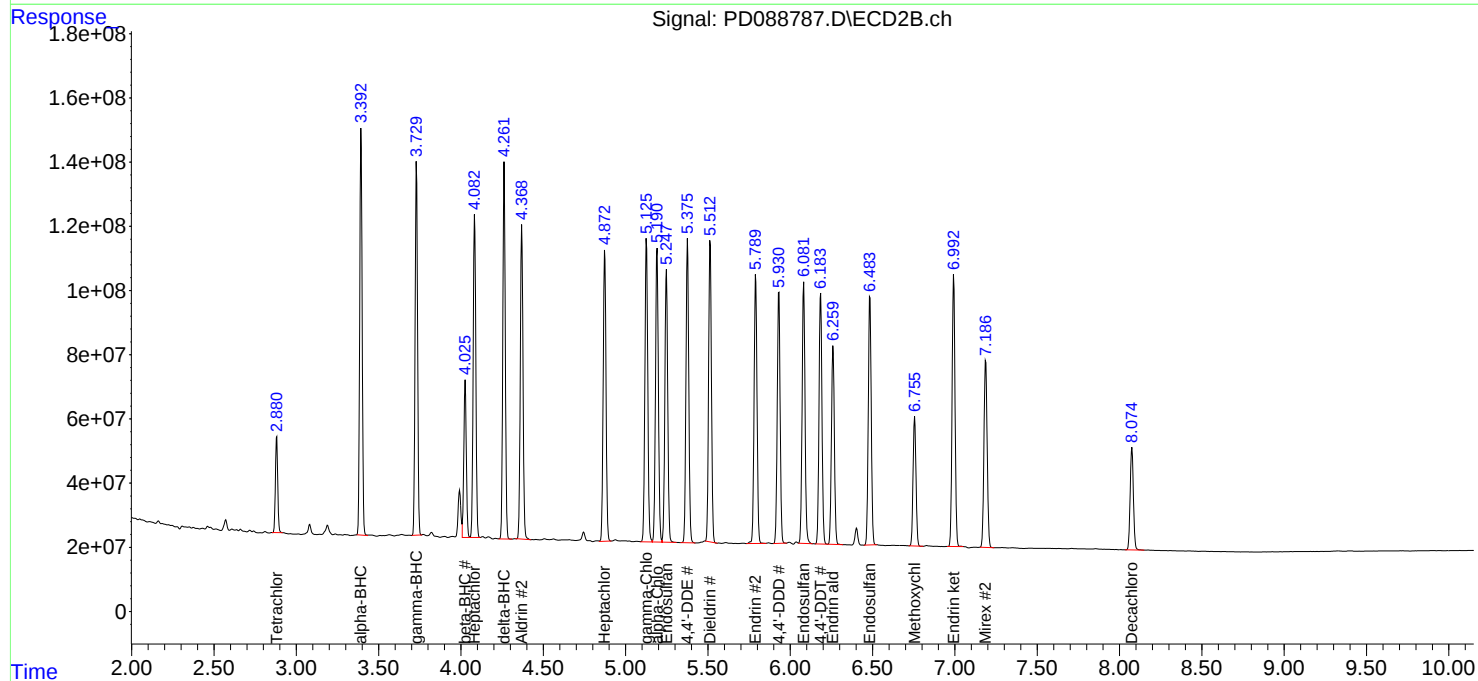
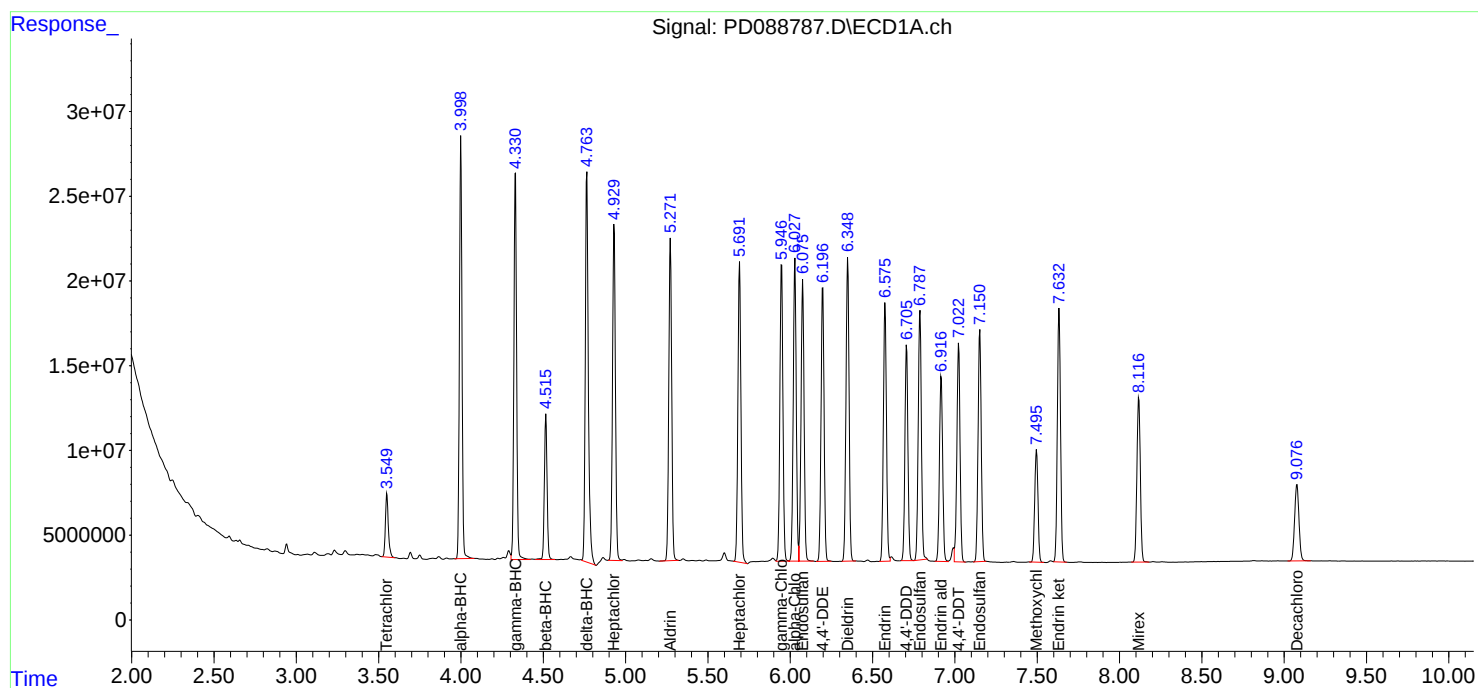
Instrument :
ECD_D
ClientSampleId :
OR-646-COMP-52MS

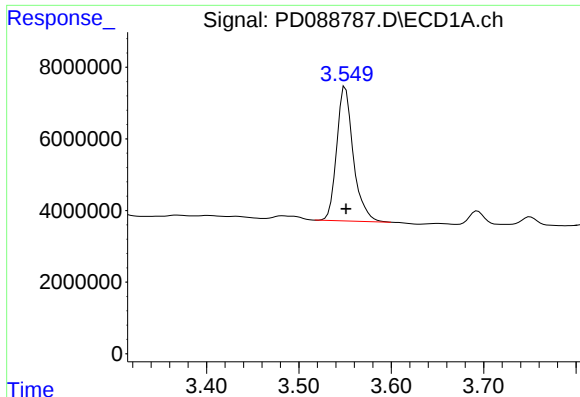
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 30 22:50:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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





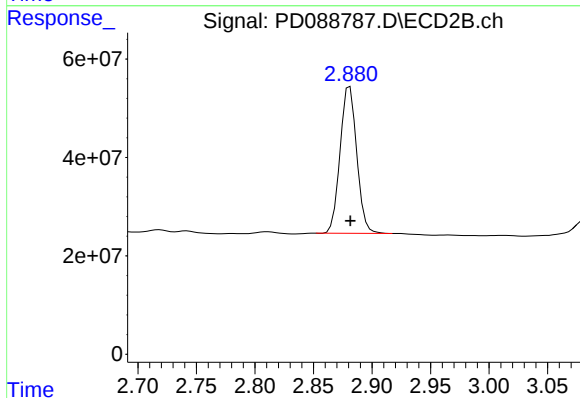
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 46795533
Conc: 21.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-646-COMP-52MS

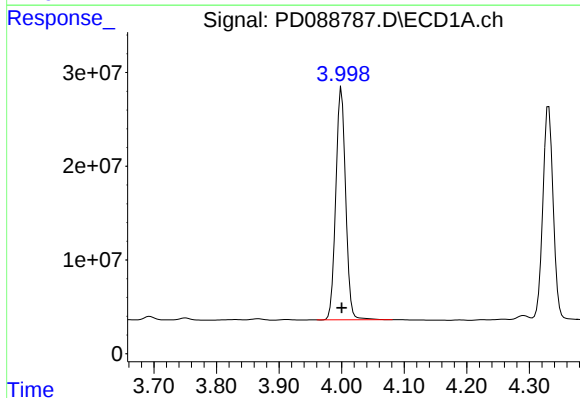
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



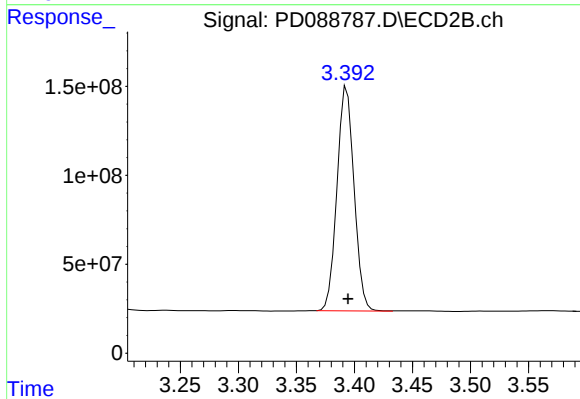
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 295334705
Conc: 19.52 ng/ml



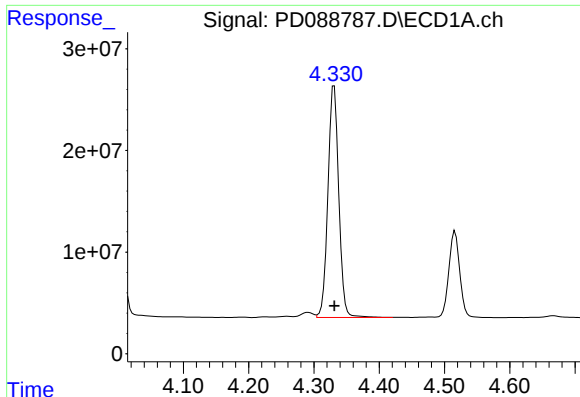
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 271703316
Conc: 56.88 ng/ml



#2 alpha-BHC

R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 1293926939
Conc: 54.13 ng/ml



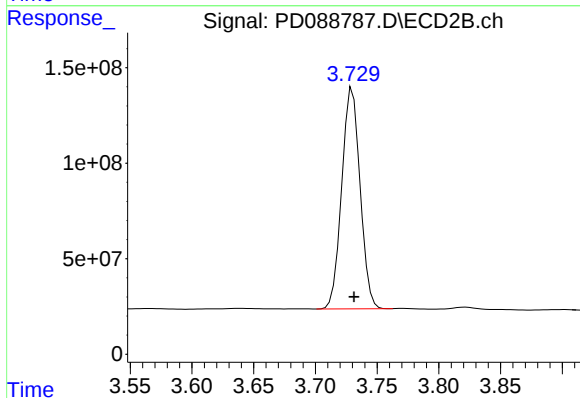
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 263758596
Conc: 57.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-646-COMP-52MS

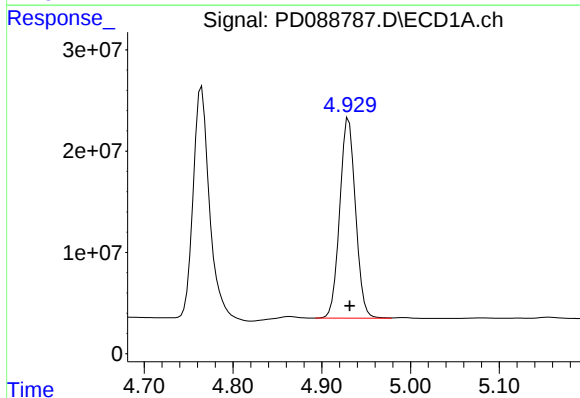
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



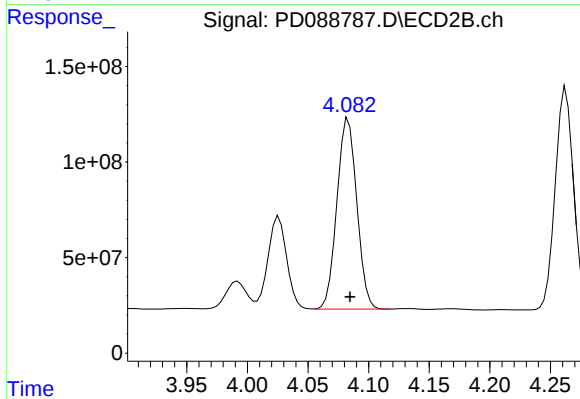
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: -0.001 min
Response: 1196657435
Conc: 53.99 ng/ml



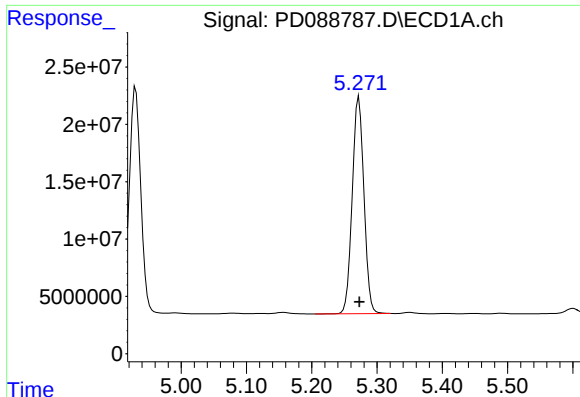
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: -0.001 min
Response: 244177479
Conc: 54.61 ng/ml



#4 Heptachlor

R.T.: 4.083 min
Delta R.T.: -0.002 min
Response: 1137442358
Conc: 50.65 ng/ml



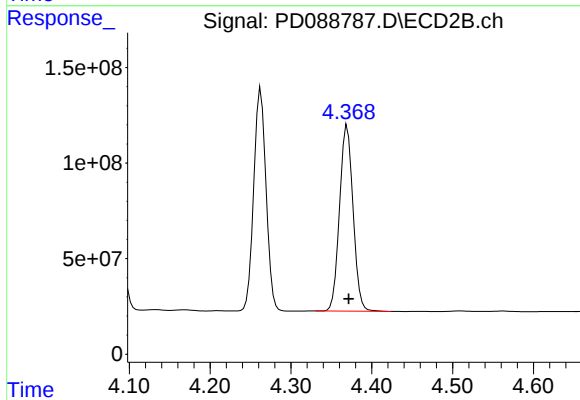
#5 Aldrin

R.T.: 5.272 min
Delta R.T.: -0.001 min
Response: 235382955
Conc: 53.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-646-COMP-52MS

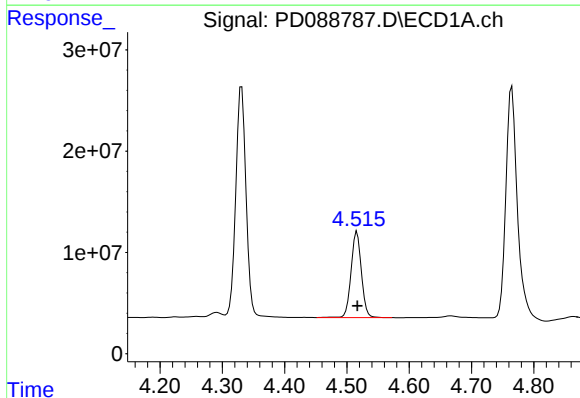
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



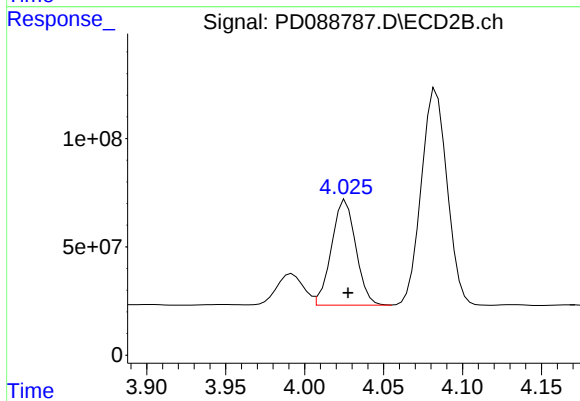
#5 Aldrin

R.T.: 4.370 min
Delta R.T.: -0.002 min
Response: 1127197674
Conc: 51.40 ng/ml



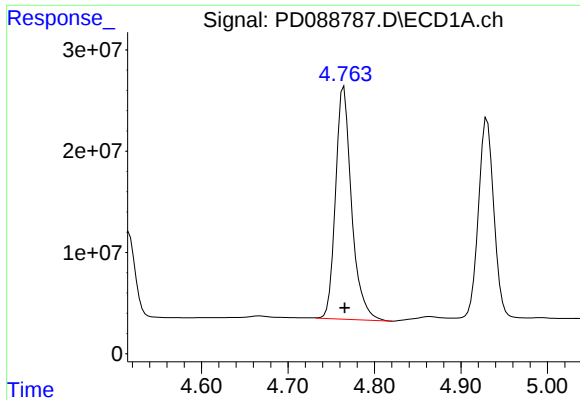
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 98821994
Conc: 54.81 ng/ml



#6 beta-BHC

R.T.: 4.026 min
Delta R.T.: -0.001 min
Response: 522769992
Conc: 53.66 ng/ml



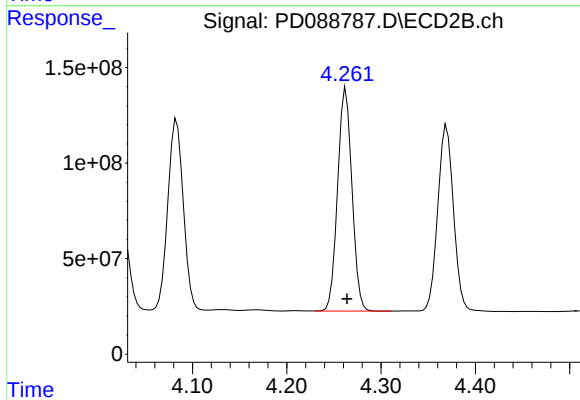
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: -0.002 min
Response: 294277387
Conc: 69.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-646-COMP-52MS

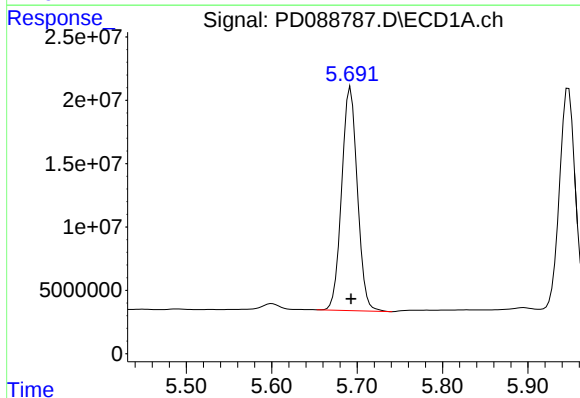
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



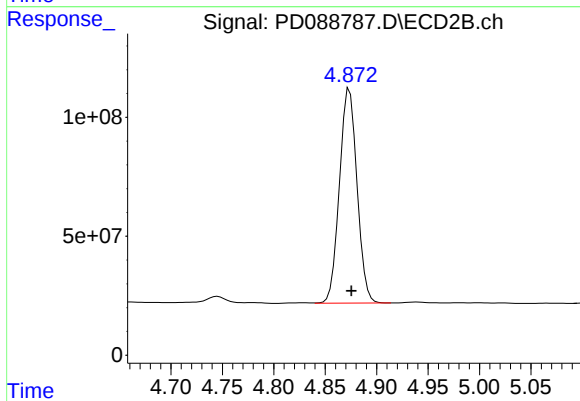
#7 delta-BHC

R.T.: 4.263 min
Delta R.T.: -0.001 min
Response: 1232860817
Conc: 55.30 ng/ml



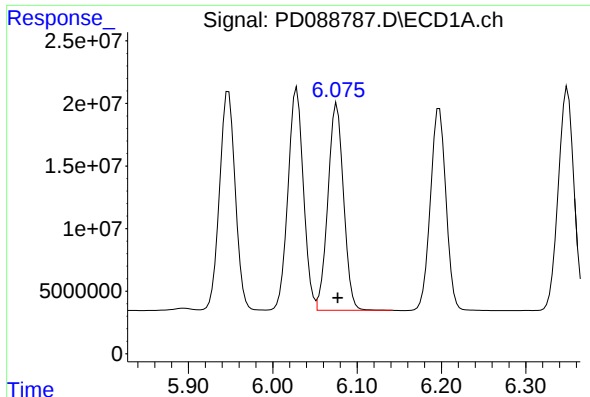
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 225511236
Conc: 56.81 ng/ml



#8 Heptachlor epoxide

R.T.: 4.874 min
Delta R.T.: -0.002 min
Response: 1073104206
Conc: 54.00 ng/ml



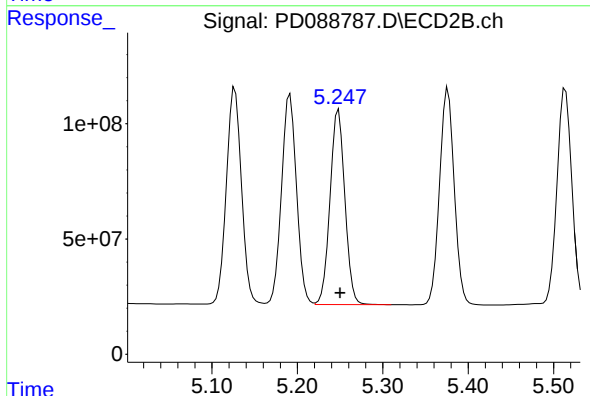
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: -0.001 min
Response: 213596231
Conc: 56.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-646-COMP-52MS

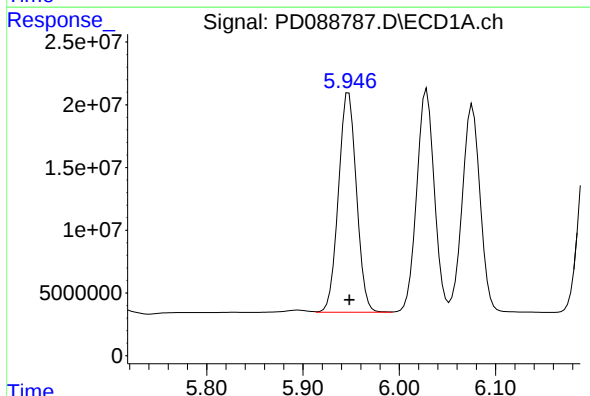
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



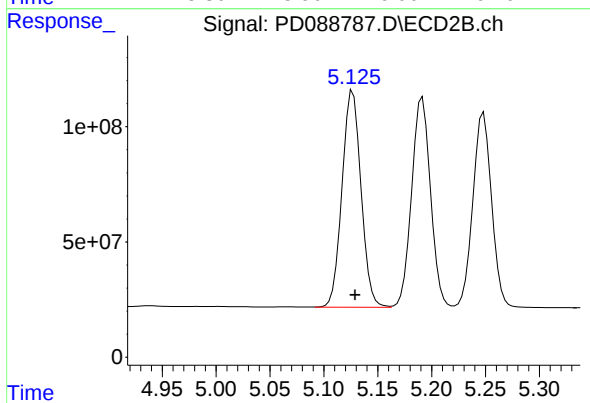
#9 Endosulfan I

R.T.: 5.248 min
Delta R.T.: -0.002 min
Response: 1020826723
Conc: 53.79 ng/ml



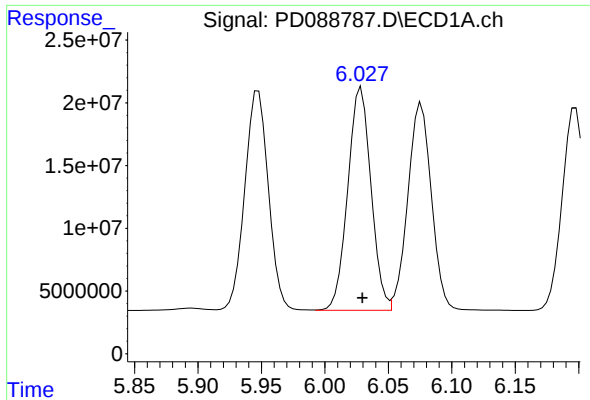
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 227024655
Conc: 56.91 ng/ml



#10 gamma-Chlordane

R.T.: 5.127 min
Delta R.T.: -0.002 min
Response: 1154353740
Conc: 54.11 ng/ml



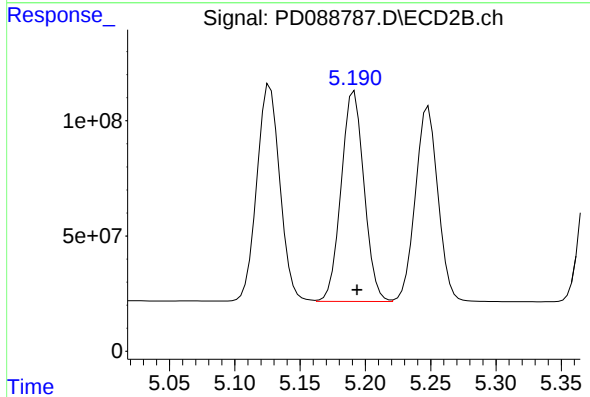
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: -0.001 min
Response: 226019224
Conc: 56.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-646-COMP-52MS

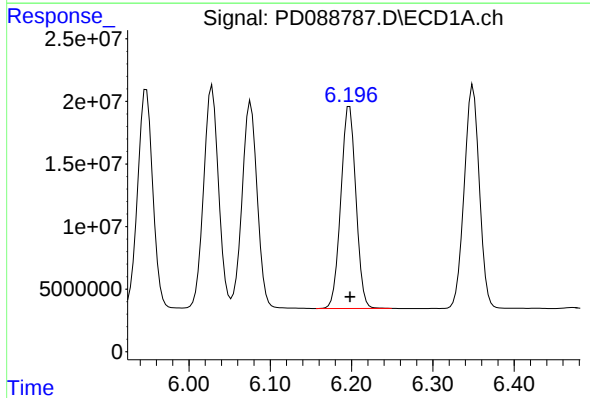
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



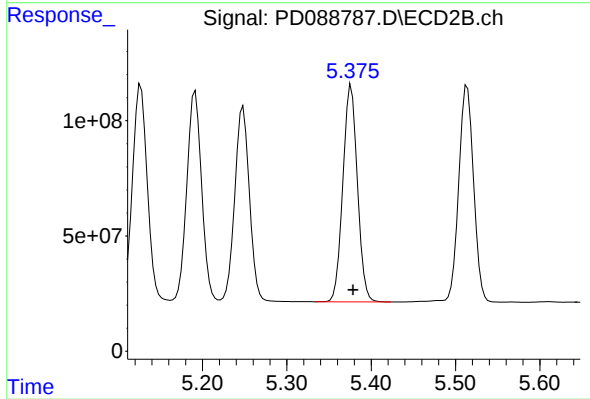
#11 alpha-Chlordane

R.T.: 5.191 min
Delta R.T.: -0.002 min
Response: 1113044721
Conc: 53.97 ng/ml



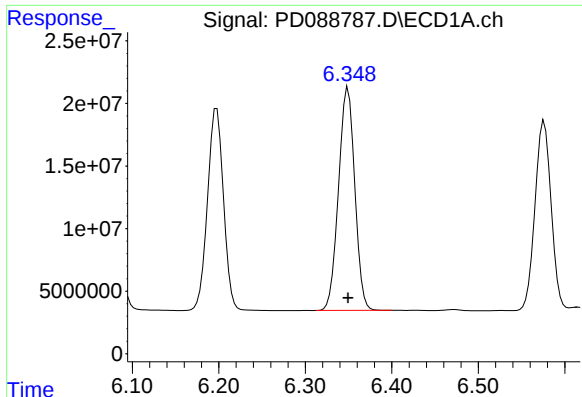
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 207546843
Conc: 57.82 ng/ml



#12 4,4'-DDE

R.T.: 5.376 min
Delta R.T.: -0.002 min
Response: 1127306381
Conc: 53.93 ng/ml



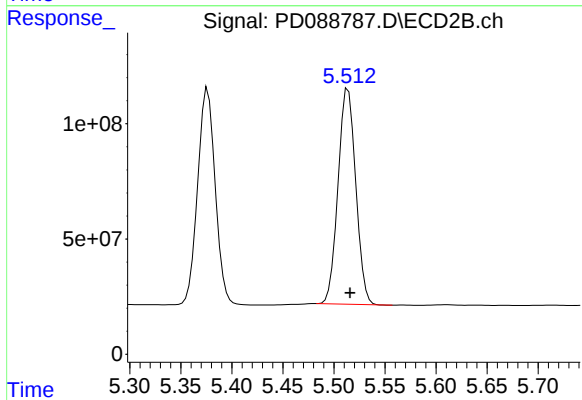
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 231179563
Conc: 57.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-646-COMP-52MS

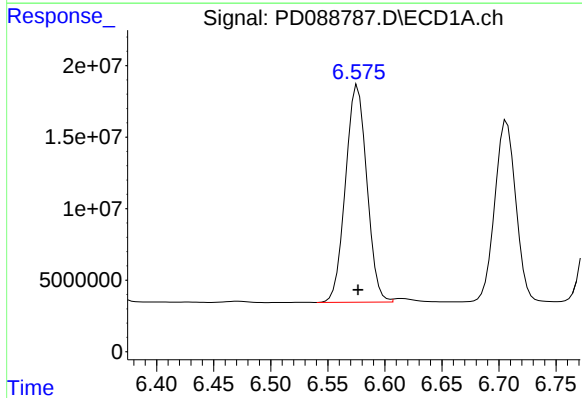
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



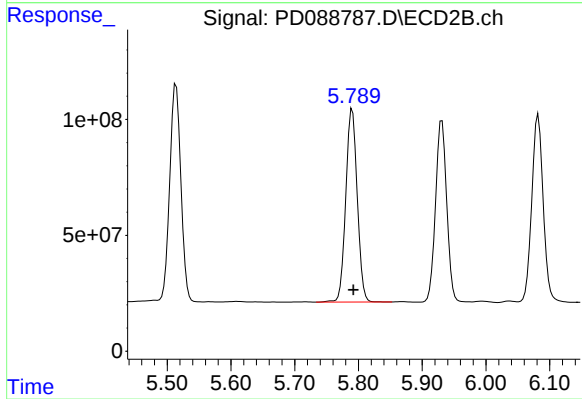
#13 Dieldrin

R.T.: 5.514 min
Delta R.T.: -0.002 min
Response: 1131929435
Conc: 53.79 ng/ml



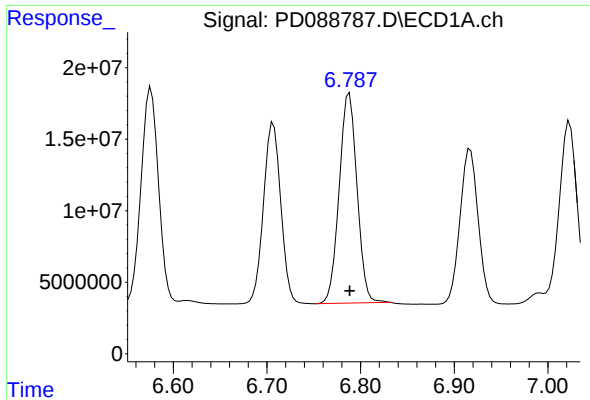
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 197459119
Conc: 57.82 ng/ml



#14 Endrin

R.T.: 5.790 min
Delta R.T.: -0.002 min
Response: 1041288757
Conc: 54.00 ng/ml



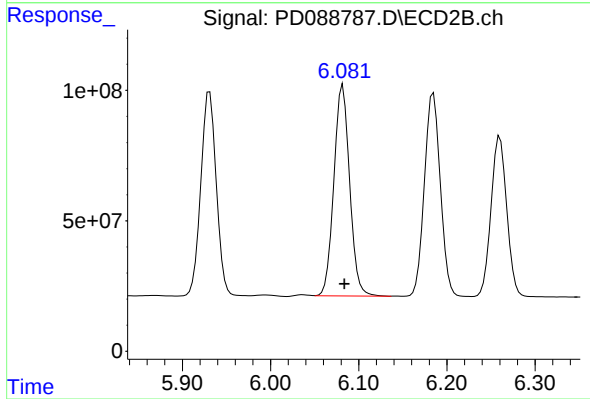
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: 0.000 min
Response: 194398409
Conc: 56.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-646-COMP-52MS

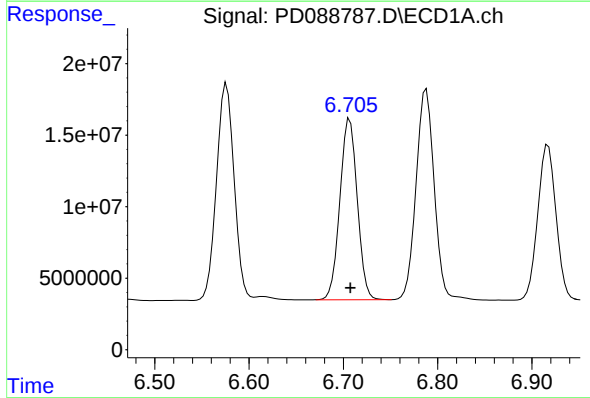
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



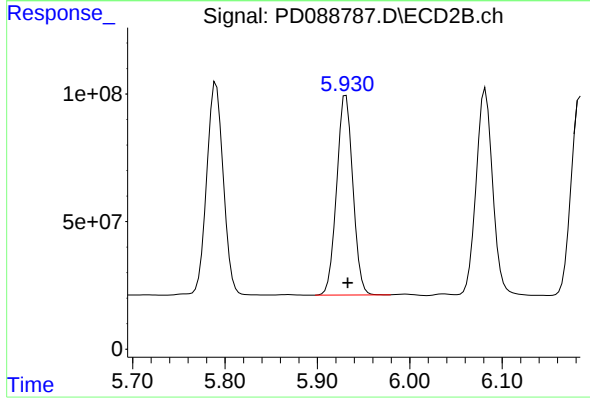
#15 Endosulfan II

R.T.: 6.082 min
Delta R.T.: -0.002 min
Response: 1005302791
Conc: 54.87 ng/ml



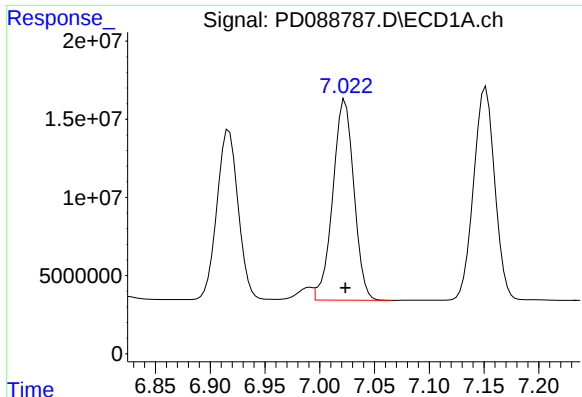
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 162305559
Conc: 58.28 ng/ml



#16 4,4'-DDD

R.T.: 5.931 min
Delta R.T.: -0.002 min
Response: 952937998
Conc: 54.79 ng/ml



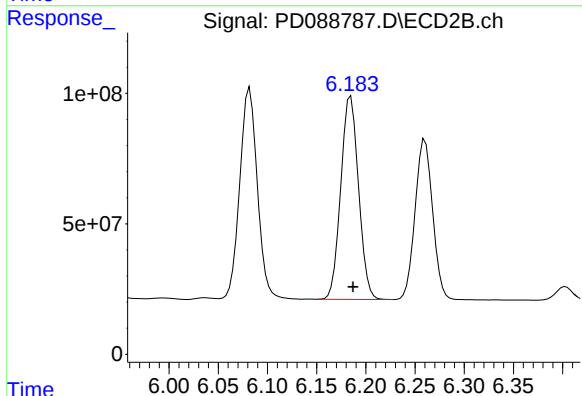
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 172325907
Conc: 55.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-646-COMP-52MS

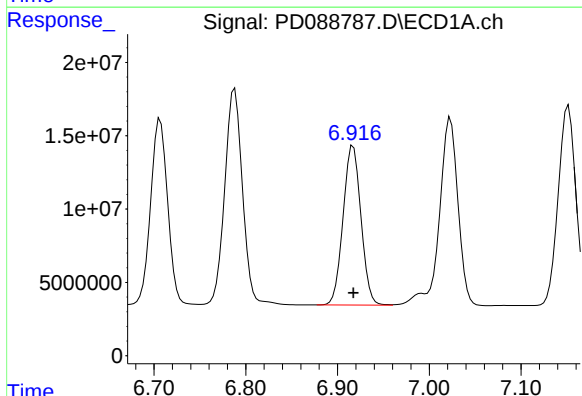
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



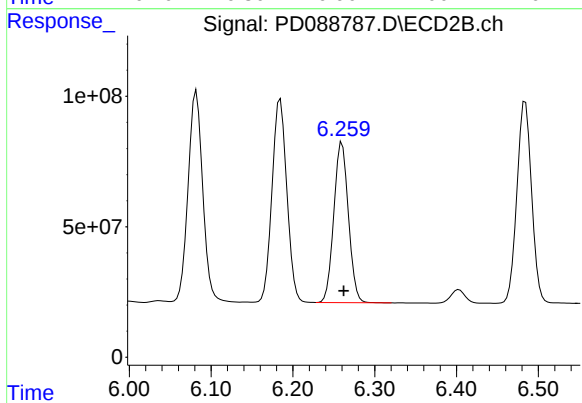
#17 4,4'-DDT

R.T.: 6.185 min
Delta R.T.: -0.002 min
Response: 979216139
Conc: 53.99 ng/ml



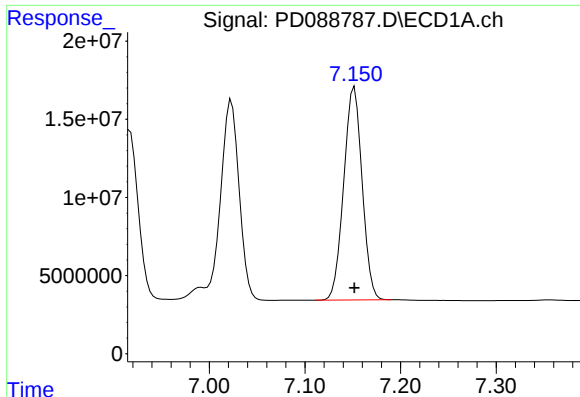
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 147166466
Conc: 57.16 ng/ml



#18 Endrin aldehyde

R.T.: 6.260 min
Delta R.T.: -0.002 min
Response: 762321869
Conc: 54.73 ng/ml



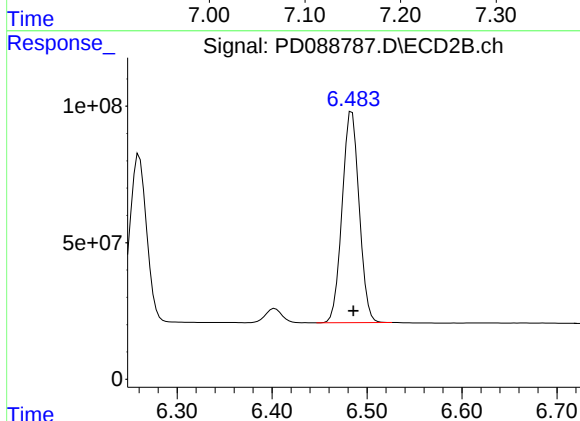
#19 Endosulfan Sulfate

R.T.: 7.152 min
Delta R.T.: 0.000 min
Response: 182817989
Conc: 57.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-646-COMP-52MS

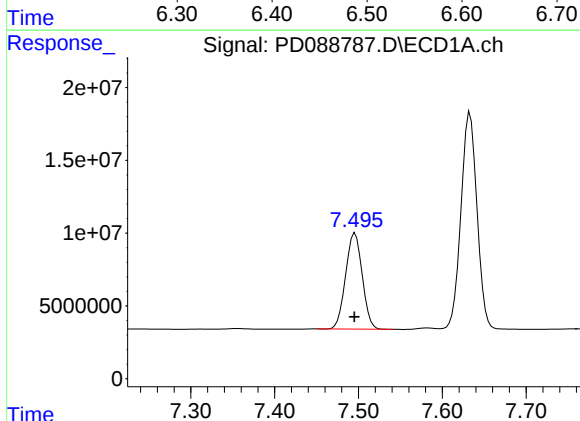
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



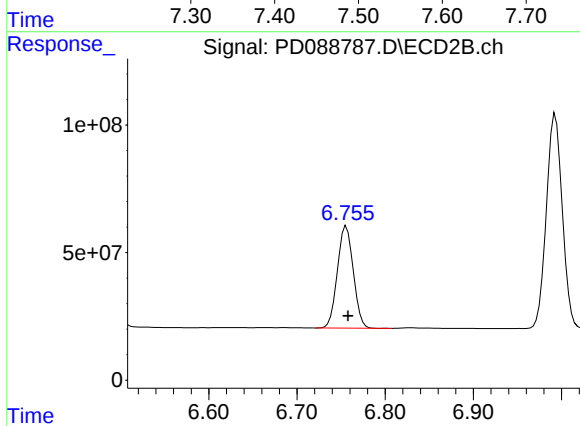
#19 Endosulfan Sulfate

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 965864634
Conc: 54.40 ng/ml



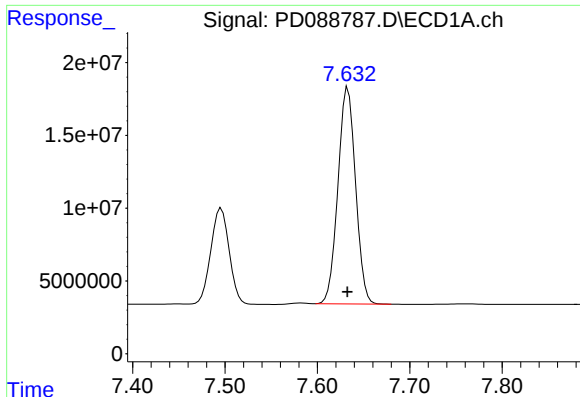
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: 0.000 min
Response: 90982984
Conc: 54.46 ng/ml



#20 Methoxychlor

R.T.: 6.756 min
Delta R.T.: -0.002 min
Response: 501246820
Conc: 52.35 ng/ml



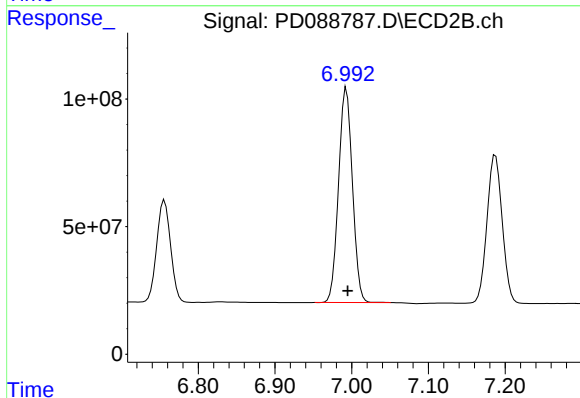
#21 Endrin ketone

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 197405795
Conc: 57.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-646-COMP-52MS

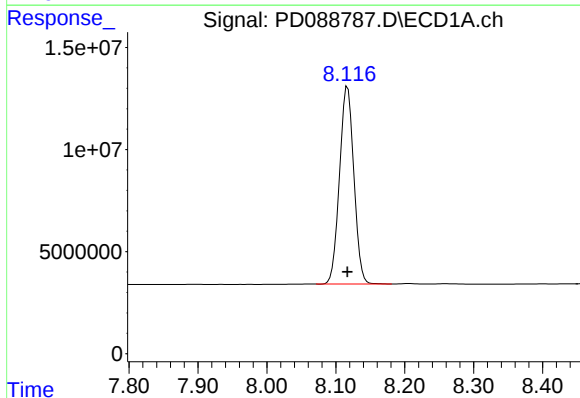
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



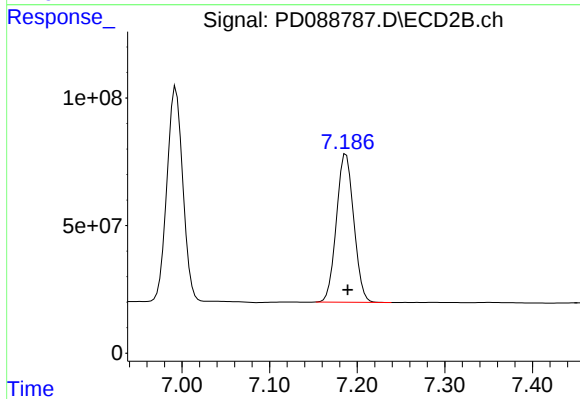
#21 Endrin ketone

R.T.: 6.993 min
Delta R.T.: -0.002 min
Response: 1057750357
Conc: 54.67 ng/ml



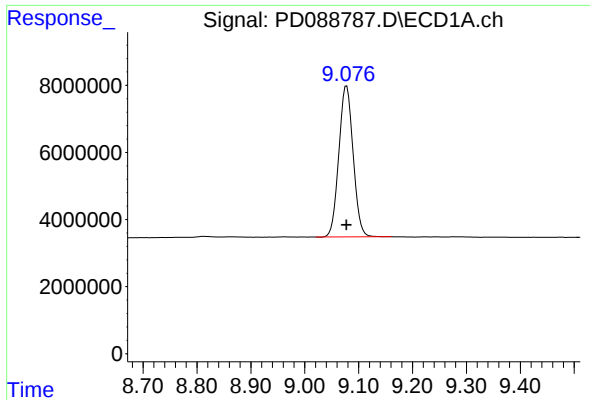
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 139984476
Conc: 53.88 ng/ml



#22 Mirex

R.T.: 7.187 min
Delta R.T.: -0.002 min
Response: 800798107
Conc: 52.68 ng/ml



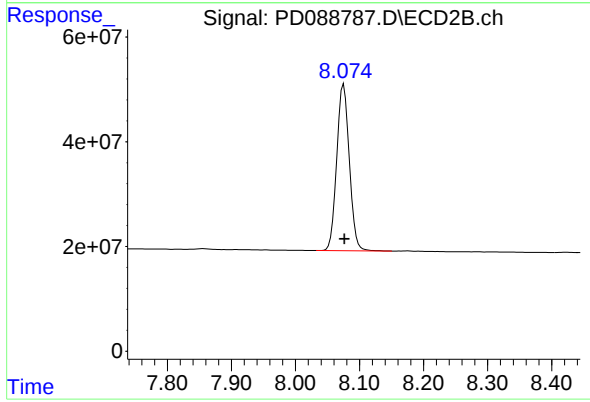
#28 Decachlorobiphenyl

R.T.: 9.078 min
Delta R.T.: 0.000 min
Response: 82880512
Conc: 24.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-646-COMP-52MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



#28 Decachlorobiphenyl

R.T.: 8.075 min
Delta R.T.: -0.001 min
Response: 434055677
Conc: 23.78 ng/ml