

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060325\
 Data File : PL095897.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jun 2025 17:01
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/04/2025
 Supervised By : mohammad ahmed 06/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 03:39:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 22 06:29:30 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 x0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.572	2.886	160.6E6	201.4E6	50.900	51.454
28) SA Decachlor...	9.098	8.059	103.6E6	185.3E6	43.981	42.369
Target Compounds						
2) A alpha-BHC	4.024	3.395	242.7E6	313.1E6	50.062	53.462
3) MA gamma-BHC...	4.356	3.729	222.8E6	292.8E6	49.832	52.268
4) MA Heptachlor	4.953	4.081	185.3E6	288.3E6	48.948	51.391
5) MB Aldrin	5.296	4.364	208.3E6	275.2E6	48.687	51.855m
6) B beta-BHC	4.543	4.024	96846249	127.6E6	49.126	51.505
7) B delta-BHC	4.791	4.259	219.7E6	296.0E6	49.562	52.407
8) B Heptachlo...	5.717	4.868	185.7E6	246.8E6	48.650	49.976
9) A Endosulfan I	6.100	5.240	173.0E6	219.1E6	47.199	45.986
10) B gamma-Chl...	5.971	5.120	185.1E6	262.0E6	47.552	49.881
11) B alpha-Chl...	6.052	5.184	185.7E6	259.9E6	47.030	49.958
12) B 4,4'-DDE	6.222	5.371	169.9E6	245.4E6	46.316	45.772
13) MA Dieldrin	6.373	5.505	181.4E6	259.2E6	47.013	48.904
14) MA Endrin	6.601	5.779	143.9E6	220.0E6	44.596	45.125m
15) B Endosulfa...	6.814	6.070	145.2E6	222.1E6	42.139	46.738
16) A 4,4'-DDD	6.733	5.922	135.6E6	210.2E6	46.274	47.938m
17) MA 4,4'-DDT	7.047	6.177	119.0E6	198.3E6	43.996	41.457
18) B Endrin al...	6.942	6.248	111.3E6	160.1E6	46.040	46.352
19) B Endosulfa...	7.176	6.471	134.9E6	201.8E6	45.150	44.896
20) A Methoxychlor	7.520	6.747	56802901	107.2E6	44.540	40.993
21) B Endrin ke...	7.657	6.977	146.8E6	227.2E6	46.366	43.911
22) Mirex	8.139	7.169	105.8E6	170.9E6	45.736	42.094m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060325\
Data File : PL095897.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jun 2025 17:01
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

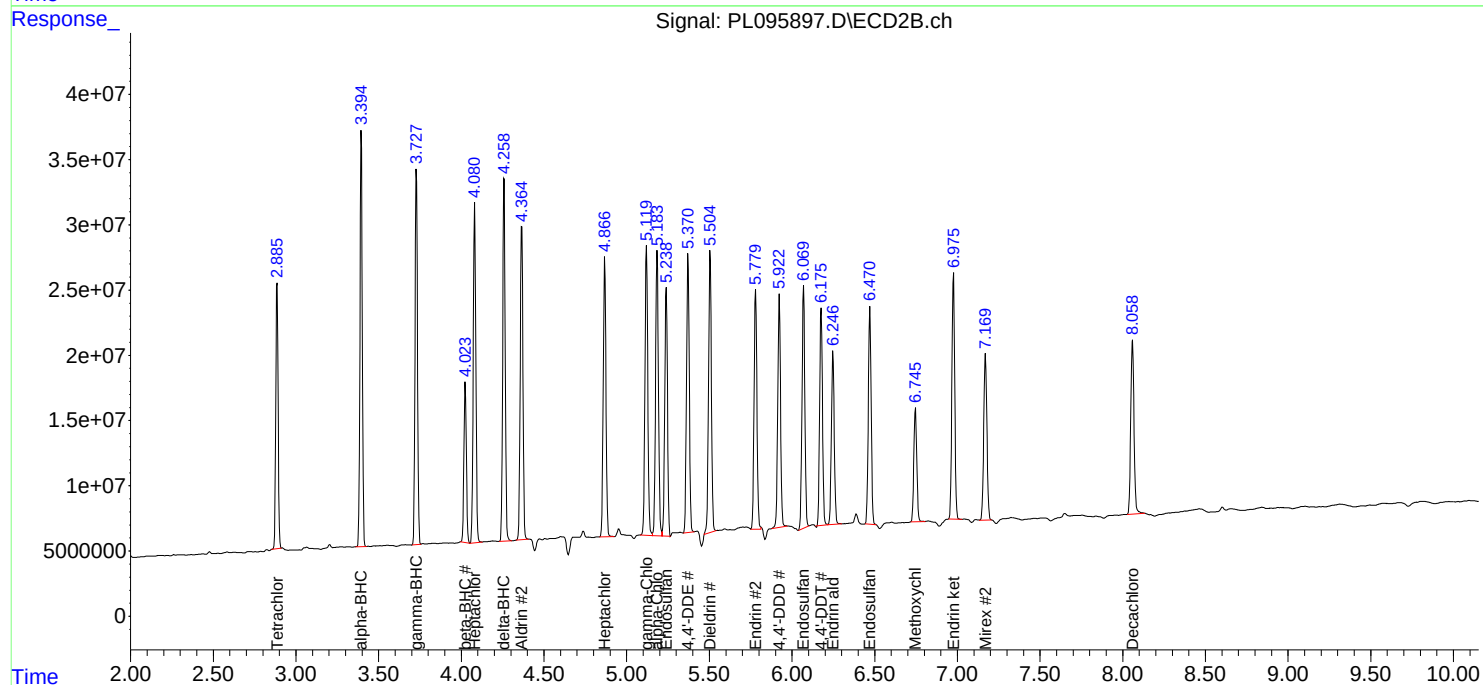
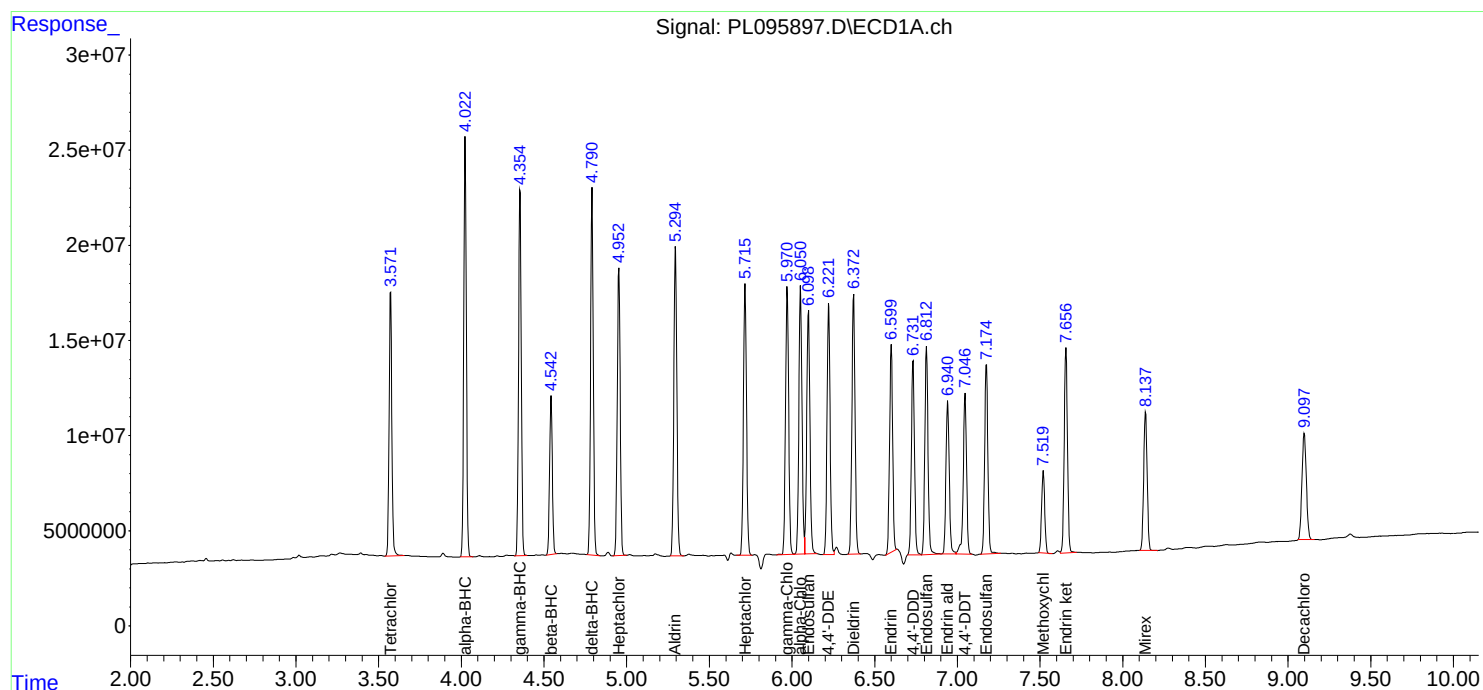
APPROVED

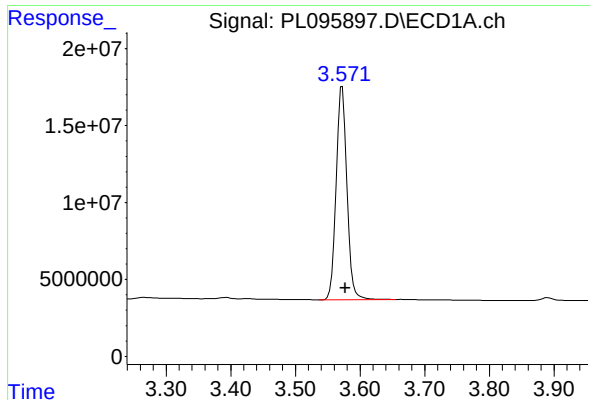
Reviewed By :Abdul Mirza 06/04/2025

Supervised By :mohammad ahmed 06/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 03:39:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
Quant Title : GC Extractables
QLast Update : Thu May 22 06:29:30 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 x0.25µm





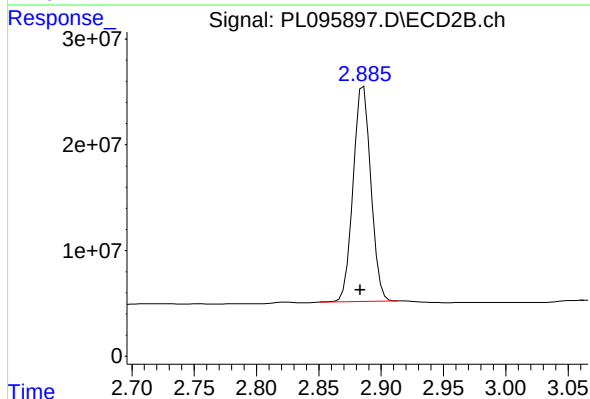
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: -0.005 min
Response: 160604411
Conc: 50.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

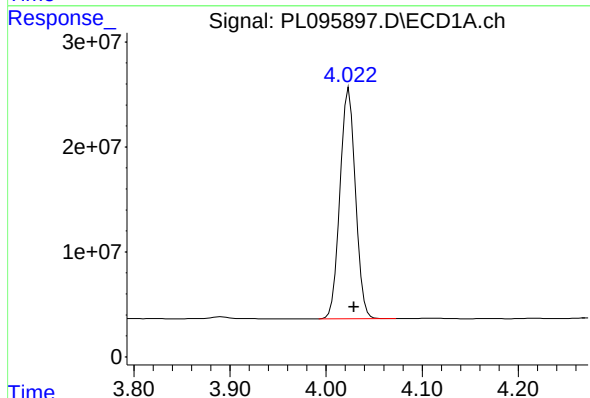
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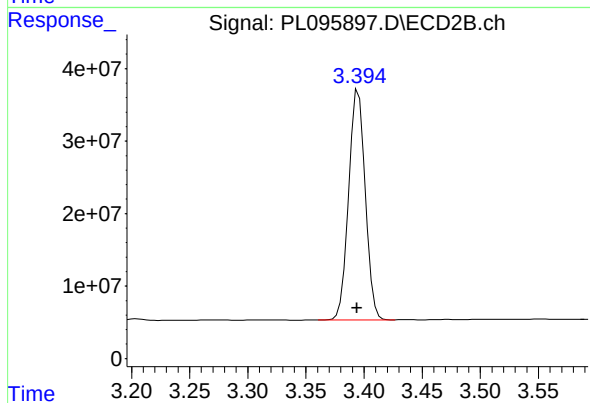
#1 Tetrachloro-m-xylene

R.T.: 2.886 min
Delta R.T.: 0.002 min
Response: 201386846
Conc: 51.45 ng/ml



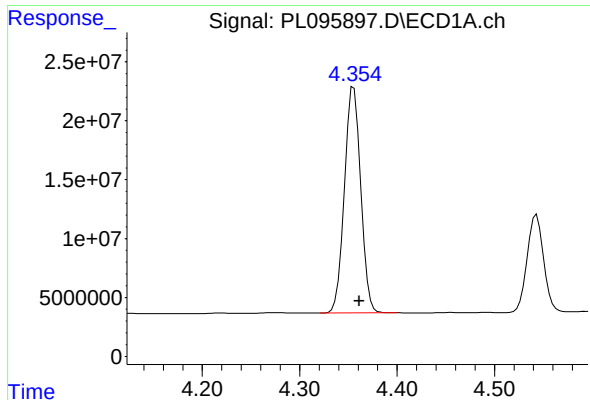
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: -0.005 min
Response: 242698825
Conc: 50.06 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: 0.001 min
Response: 313142998
Conc: 53.46 ng/ml



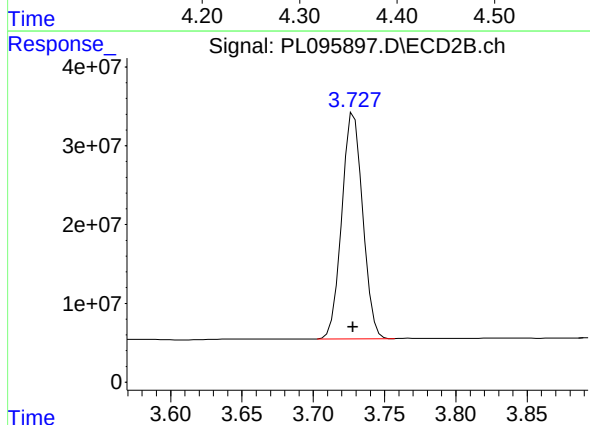
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: -0.006 min
Response: 222839473
Conc: 49.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

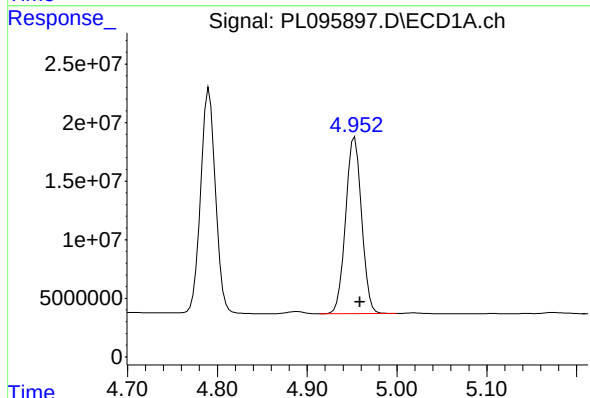
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Supervised By :mohammad ahmed 06/05/2025



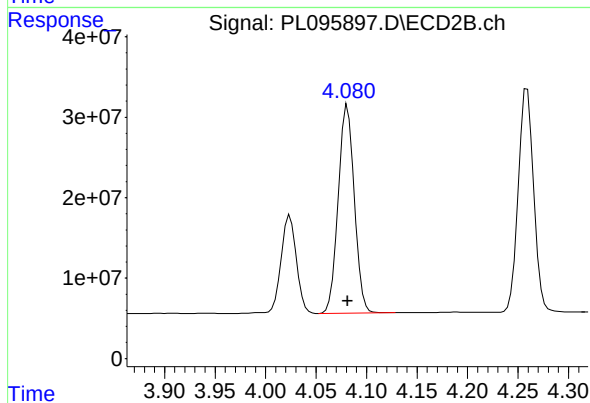
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 292766869
Conc: 52.27 ng/ml



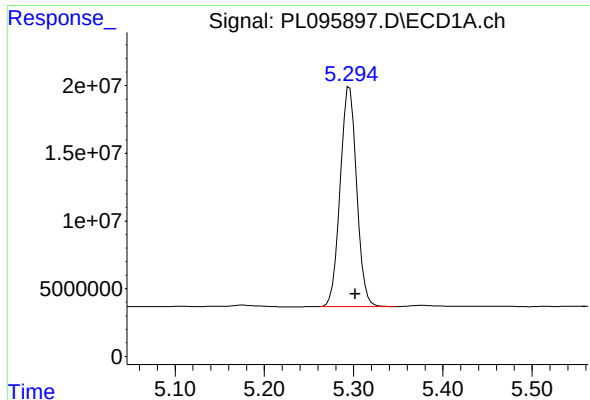
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: -0.006 min
Response: 185269781
Conc: 48.95 ng/ml



#4 Heptachlor

R.T.: 4.081 min
Delta R.T.: 0.000 min
Response: 288252837
Conc: 51.39 ng/ml



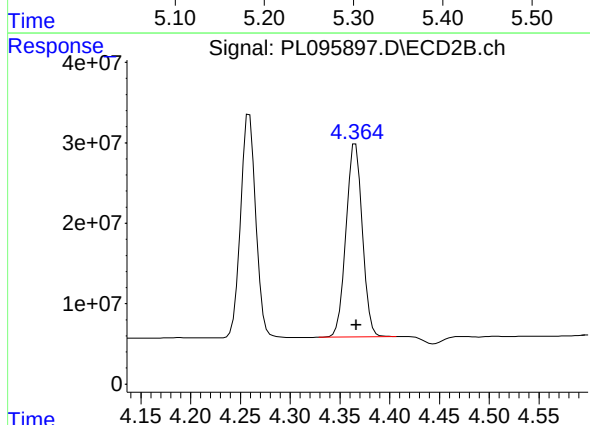
#5 Aldrin

R.T.: 5.296 min
Delta R.T.: -0.006 min
Response: 208270487
Conc: 48.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

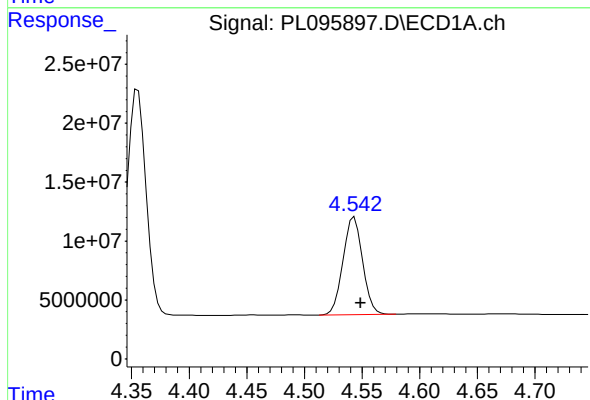
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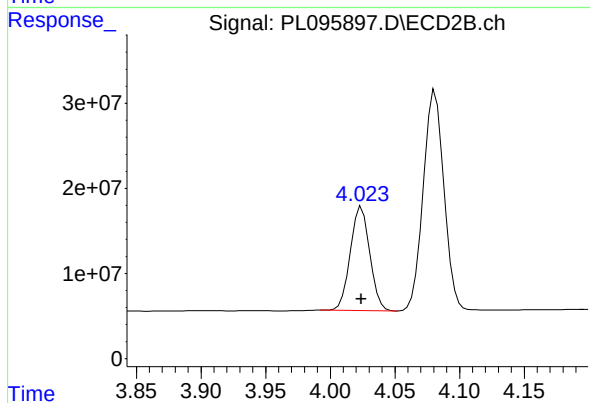
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: -0.002 min
Response: 275197583
Conc: 51.85 ng/ml



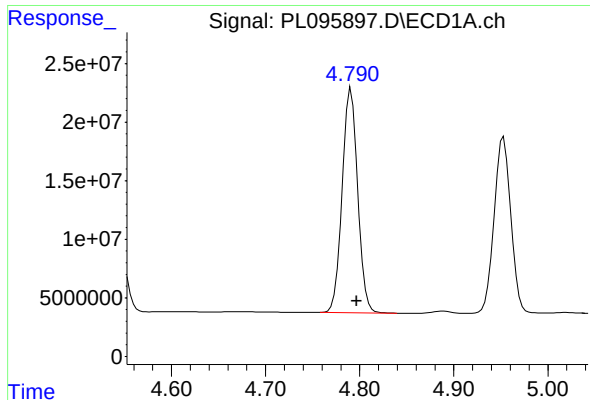
#6 beta-BHC

R.T.: 4.543 min
Delta R.T.: -0.006 min
Response: 96846249
Conc: 49.13 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 127607169
Conc: 51.51 ng/ml



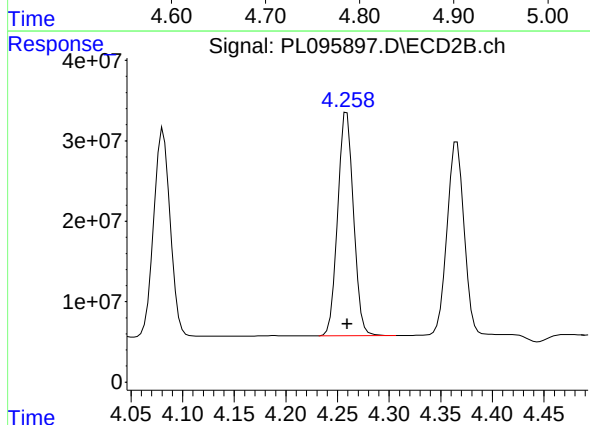
#7 delta-BHC

R.T.: 4.791 min
Delta R.T.: -0.006 min
Response: 219737483
Conc: 49.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

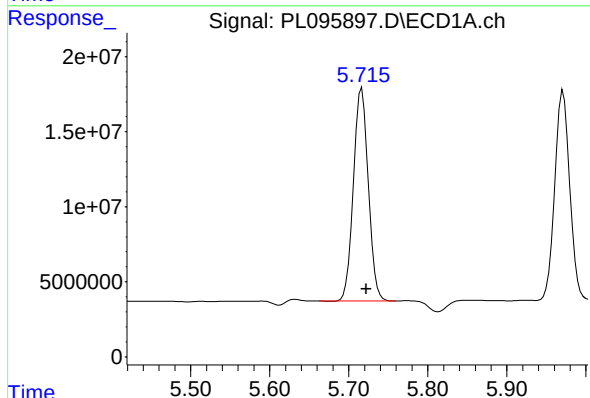
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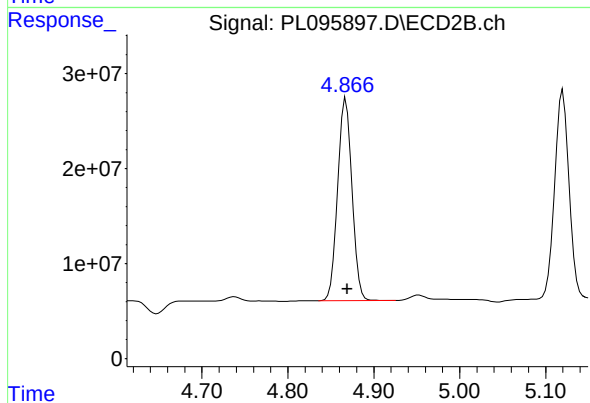
#7 delta-BHC

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 295961985
Conc: 52.41 ng/ml



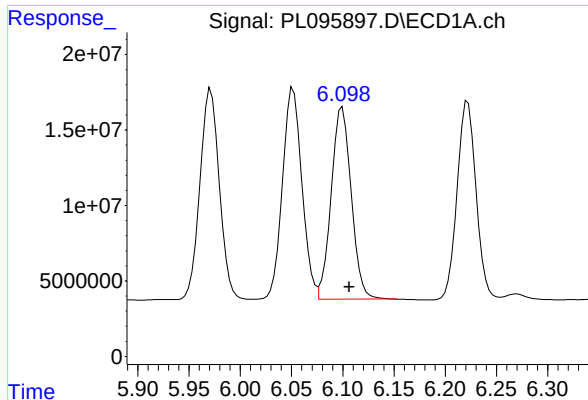
#8 Heptachlor epoxide

R.T.: 5.717 min
Delta R.T.: -0.006 min
Response: 185692193
Conc: 48.65 ng/ml



#8 Heptachlor epoxide

R.T.: 4.868 min
Delta R.T.: -0.002 min
Response: 246753940
Conc: 49.98 ng/ml



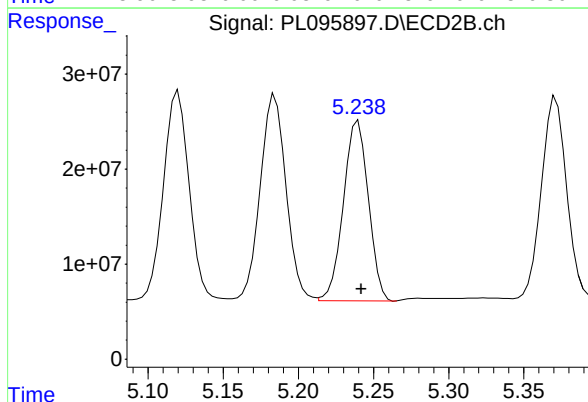
#9 Endosulfan I

R.T.: 6.100 min
Delta R.T.: -0.006 min
Response: 172977552
Conc: 47.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

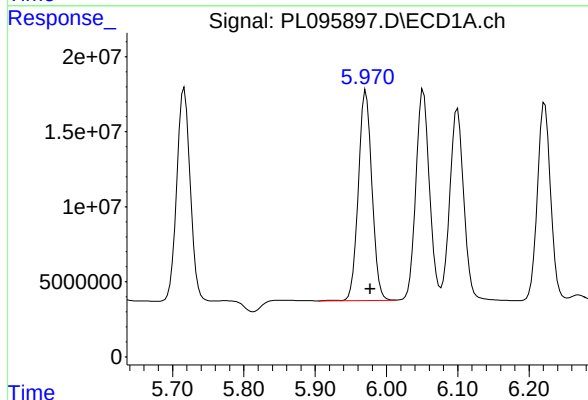
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Reviewed By :Abdul Mirza 06/04/2025
Supervised By :mohammad ahmed 06/05/2025



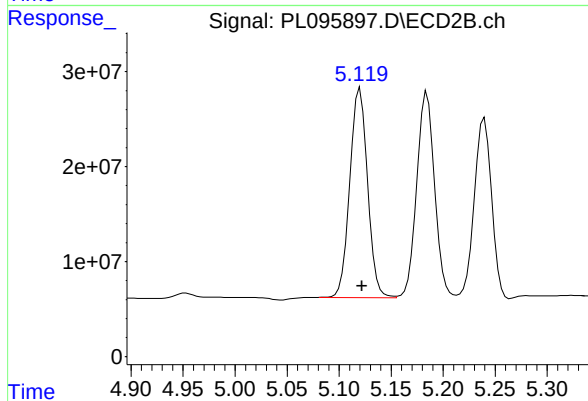
#9 Endosulfan I

R.T.: 5.240 min
Delta R.T.: -0.002 min
Response: 219123798
Conc: 45.99 ng/ml



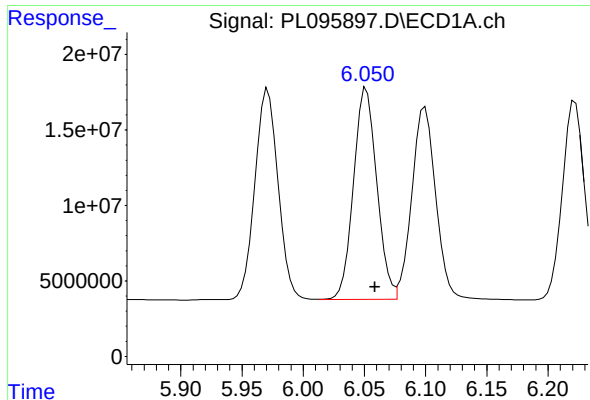
#10 gamma-Chlordane

R.T.: 5.971 min
Delta R.T.: -0.006 min
Response: 185076914
Conc: 47.55 ng/ml



#10 gamma-Chlordane

R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 262009591
Conc: 49.88 ng/ml



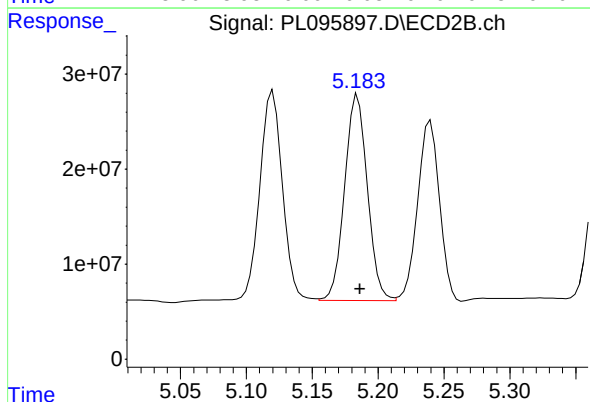
#11 alpha-Chlordane

R.T.: 6.052 min
Delta R.T.: -0.007 min
Response: 185682068
Conc: 47.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

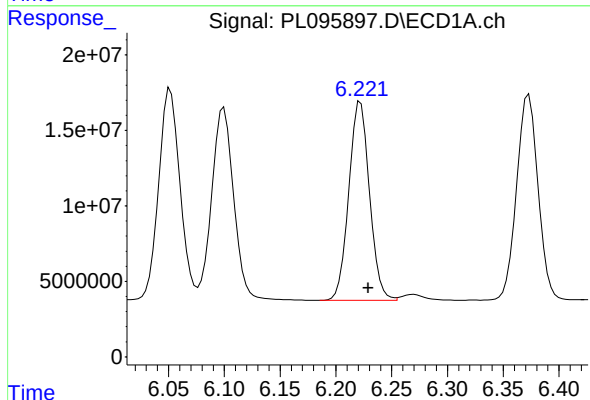
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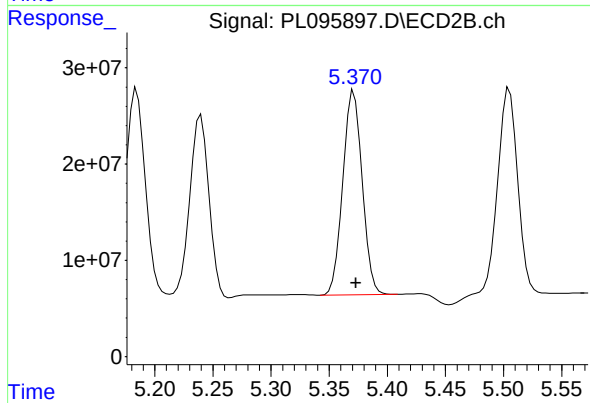
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 259918471
Conc: 49.96 ng/ml



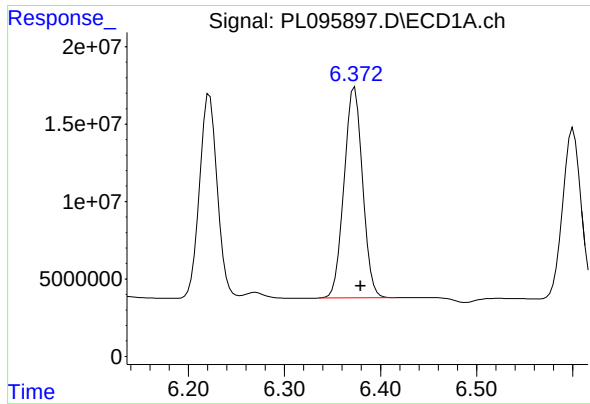
#12 4,4'-DDE

R.T.: 6.222 min
Delta R.T.: -0.007 min
Response: 169882960
Conc: 46.32 ng/ml



#12 4,4'-DDE

R.T.: 5.371 min
Delta R.T.: -0.002 min
Response: 245434126
Conc: 45.77 ng/ml



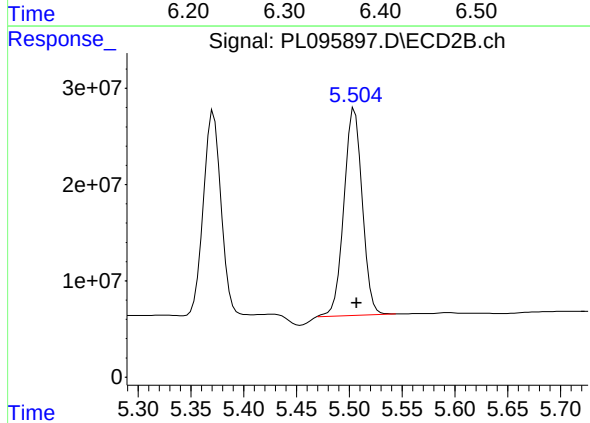
#13 Dieldrin

R.T.: 6.373 min
Delta R.T.: -0.006 min
Response: 181433224
Conc: 47.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

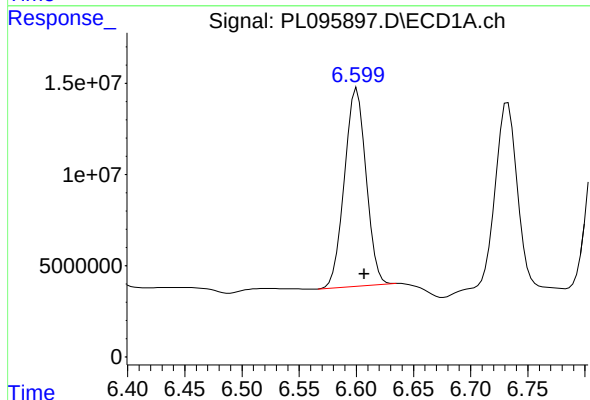
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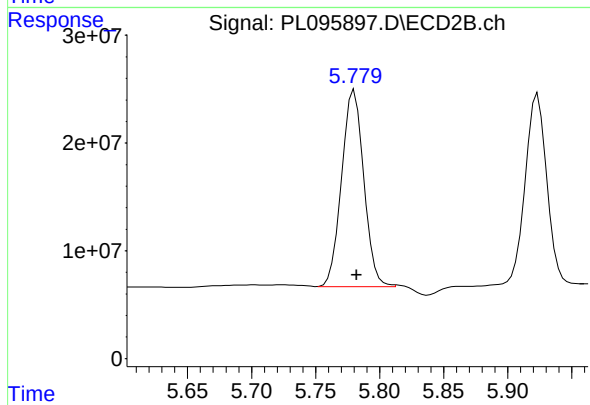
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 259195796
Conc: 48.90 ng/ml



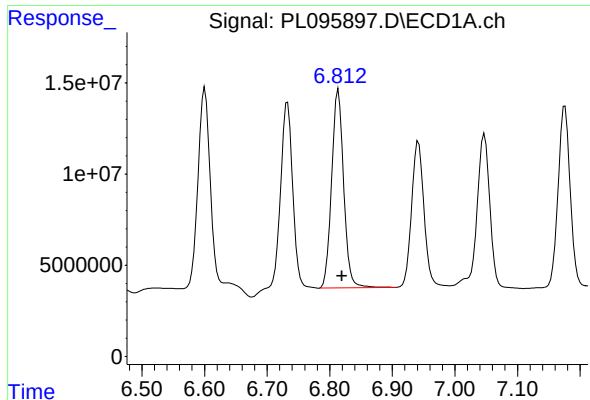
#14 Endrin

R.T.: 6.601 min
Delta R.T.: -0.006 min
Response: 143901018
Conc: 44.60 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 220033073
Conc: 45.12 ng/ml m



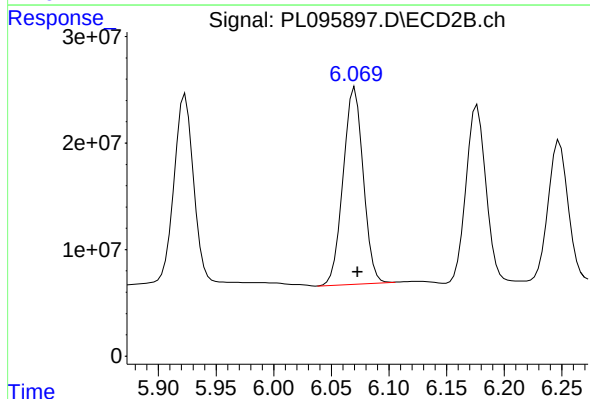
#15 Endosulfan II

R.T.: 6.814 min
Delta R.T.: -0.006 min
Response: 145213215
Conc: 42.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

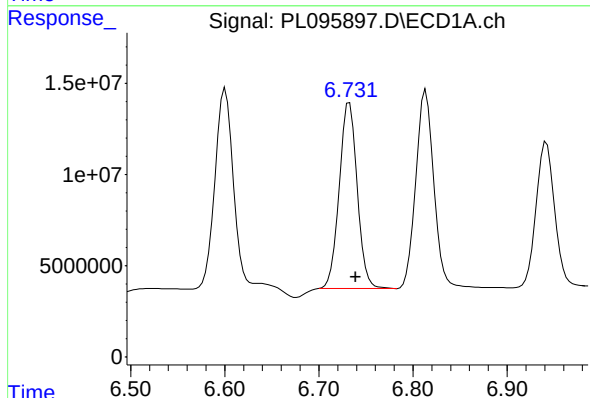
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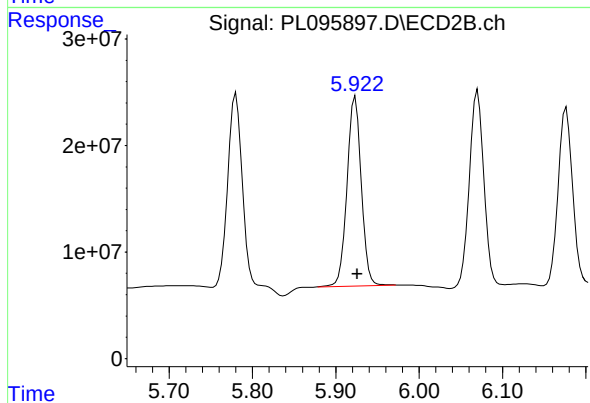
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.002 min
Response: 222086826
Conc: 46.74 ng/ml



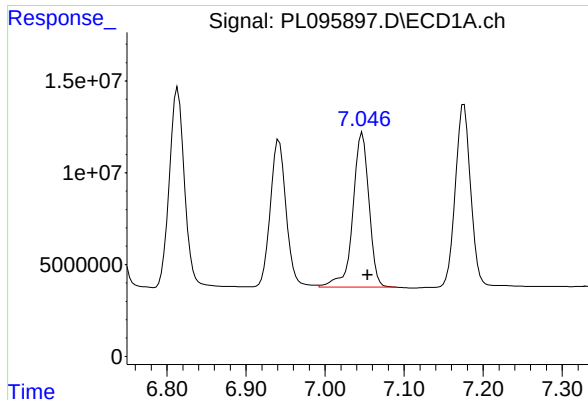
#16 4,4'-DDD

R.T.: 6.733 min
Delta R.T.: -0.006 min
Response: 135611932
Conc: 46.27 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: -0.003 min
Response: 210203650
Conc: 47.94 ng/ml m



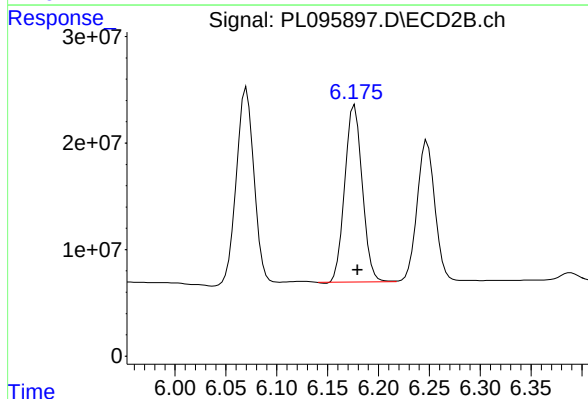
#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: -0.007 min
Response: 119015669
Conc: 44.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

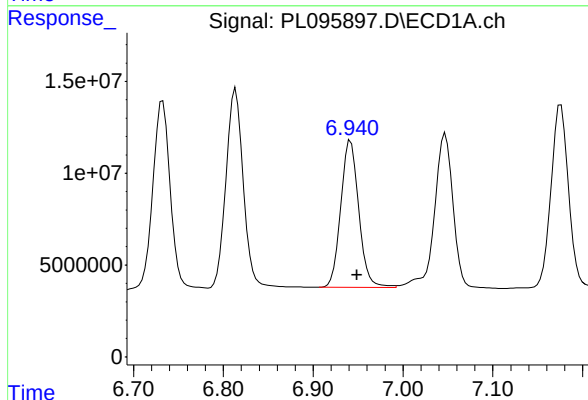
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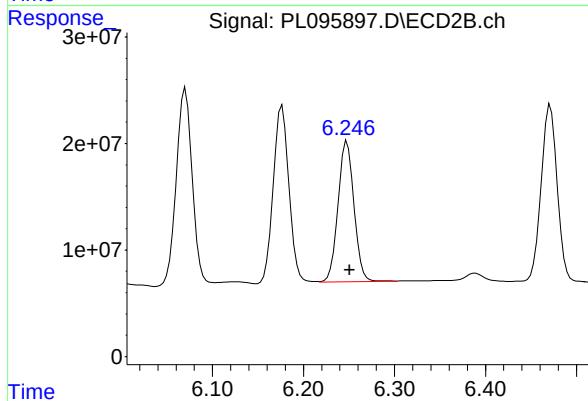
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: -0.003 min
Response: 198269972
Conc: 41.46 ng/ml



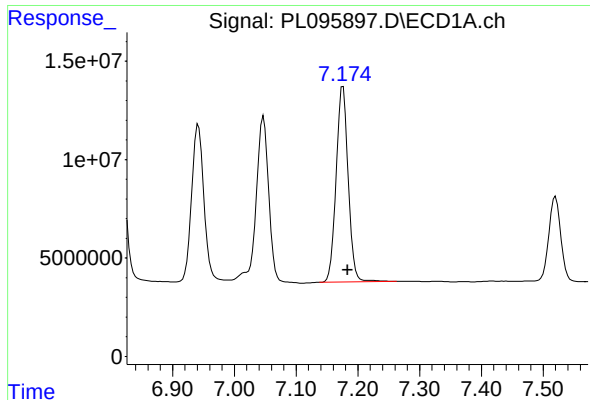
#18 Endrin aldehyde

R.T.: 6.942 min
Delta R.T.: -0.007 min
Response: 111306876
Conc: 46.04 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.003 min
Response: 160112841
Conc: 46.35 ng/ml



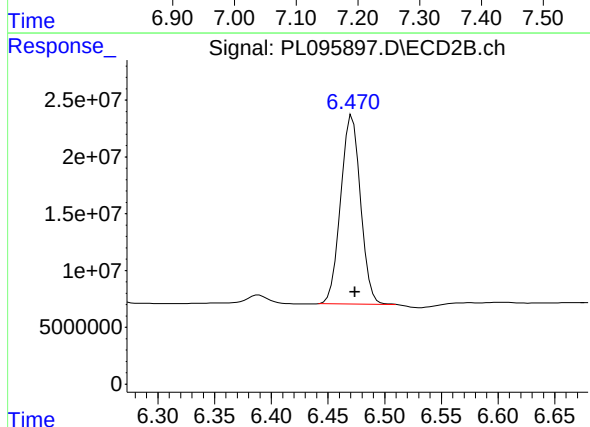
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: -0.008 min
Response: 134860094
Conc: 45.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

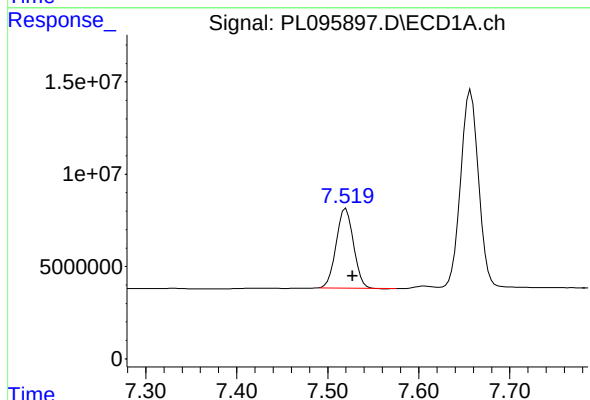
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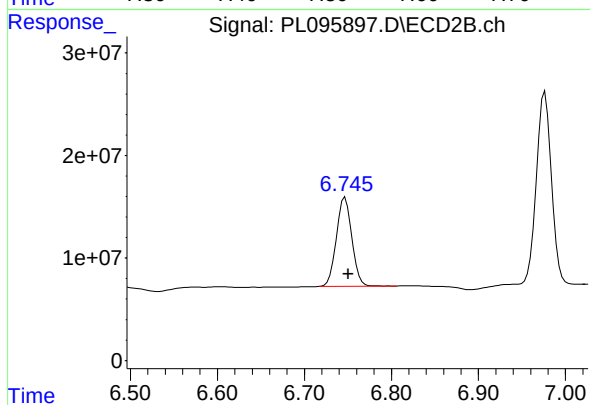
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.002 min
Response: 201794558
Conc: 44.90 ng/ml



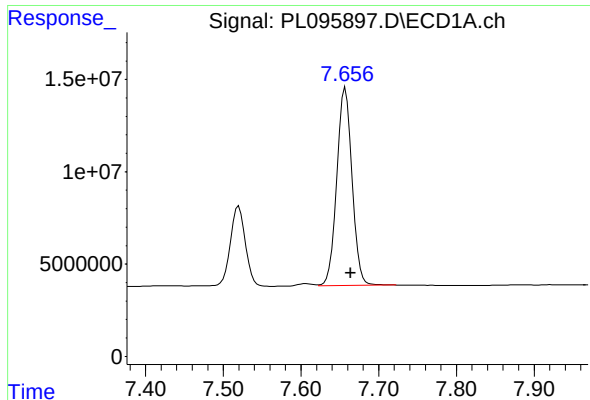
#20 Methoxychlor

R.T.: 7.520 min
Delta R.T.: -0.008 min
Response: 56802901
Conc: 44.54 ng/ml



#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: -0.003 min
Response: 107241738
Conc: 40.99 ng/ml



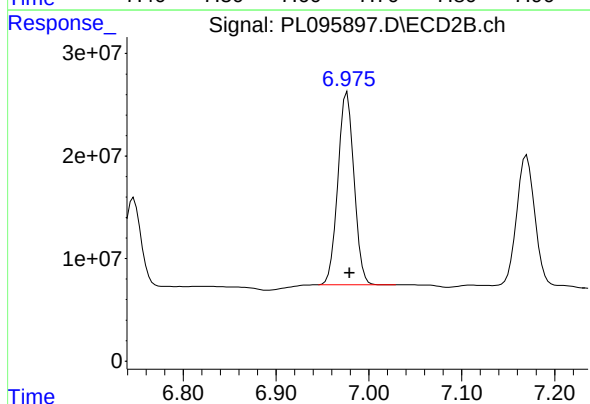
#21 Endrin ketone

R.T.: 7.657 min
Delta R.T.: -0.007 min
Response: 146838542
Conc: 46.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

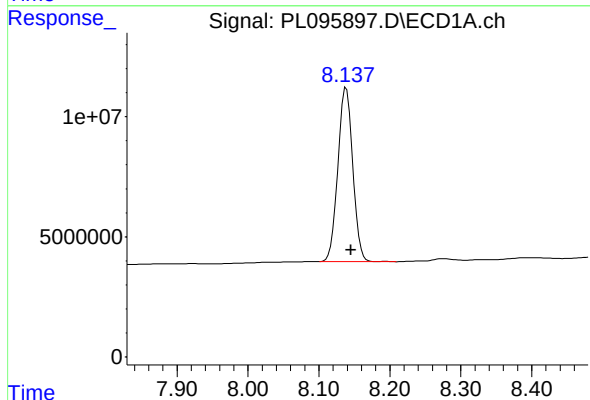
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Reviewed By :Abdul Mirza 06/04/2025
Supervised By :mohammad ahmed 06/05/2025



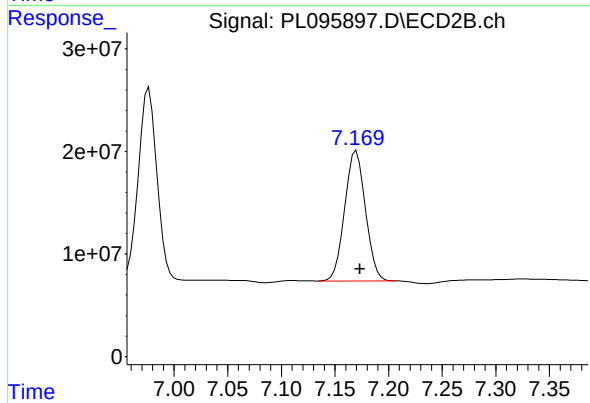
#21 Endrin ketone

R.T.: 6.977 min
Delta R.T.: -0.003 min
Response: 227188980
Conc: 43.91 ng/ml



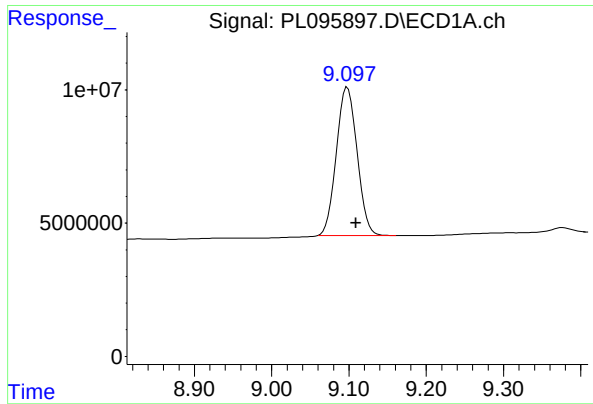
#22 Mirex

R.T.: 8.139 min
Delta R.T.: -0.007 min
Response: 105821842
Conc: 45.74 ng/ml



#22 Mirex

R.T.: 7.169 min
Delta R.T.: -0.005 min
Response: 170922165
Conc: 42.09 ng/ml m



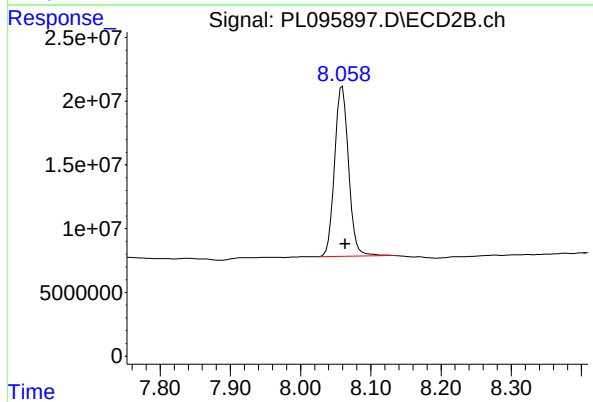
#28 Decachlorobiphenyl

R.T.: 9.098 min
Delta R.T.: -0.011 min
Response: 103633833
Conc: 43.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 06/05/2025



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.004 min
Response: 185339711
Conc: 42.37 ng/ml