

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050725\
 Data File : PL095564.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2025 14:26
 Operator : AR\AJ
 Sample : PB167878BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167878BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/07/2025
 Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 01:41:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 16:23:18 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...	3.596	2.910	55738841	69549809	17.073	21.873 #
28) SA Decachlor...	9.121	8.090	51128615	63398254	18.453	21.424
Target Compounds						
2) A alpha-BHC	4.047	3.420	209.0E6	251.2E6	42.189	56.476 #
3) MA gamma-BHC...	4.377	3.754	200.8E6	240.5E6	42.427m	54.687 #
4) MA Heptachlor	4.976	4.107	196.0E6	230.4E6	42.852	52.888
5) MB Aldrin	5.318	4.391	205.7E6	227.7E6	44.794	55.335m
6) B beta-BHC	4.564	4.047	88716038	107.3E6	42.909	51.684
7) B delta-BHC	4.811	4.283	201.0E6	245.2E6	43.210m	55.949 #
8) B Heptachlo...	5.737	4.896	185.1E6	209.7E6	46.212m	54.292
9) A Endosulfan I	6.120	5.269	176.7E6	191.3E6	46.538m	52.268
10) B gamma-Chl...	5.991	5.149	189.8E6	218.5E6	46.524m	53.920
11) B alpha-Chl...	6.072	5.213	187.8E6	212.7E6	46.198m	53.433
12) B 4,4'-DDE	6.241	5.399	176.4E6	217.0E6	44.987m	53.365
13) MA Dieldrin	6.394	5.534	177.9E6	231.9E6	46.141	57.008
14) MA Endrin	6.621	5.809	147.4E6	204.7E6	46.287m	56.229
15) B Endosulfa...	6.832	6.100	148.2E6	197.9E6	46.440m	55.097
16) A 4,4'-DDD	6.750	5.951	135.7E6	187.6E6	47.944m	57.435
17) MA 4,4'-DDT	7.067	6.205	135.2E6	187.6E6	47.476	54.602
18) B Endrin al...	6.962	6.277	109.8E6	145.2E6	47.327m	55.576
19) B Endosulfa...	7.197	6.501	132.4E6	177.7E6	47.254	53.561
20) A Methoxychlor	7.538	6.775	62117162	99982713	44.524	52.418
21) B Endrin ke...	7.678	7.006	132.4E6	211.5E6	46.438	60.051m#
22) Mirex	8.159	7.202	107.2E6	150.6E6	45.098	52.239m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050725\
Data File : PL095564.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 May 2025 14:26
Operator : AR\AJ
Sample : PB167878BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB167878BS

Manual Integrations

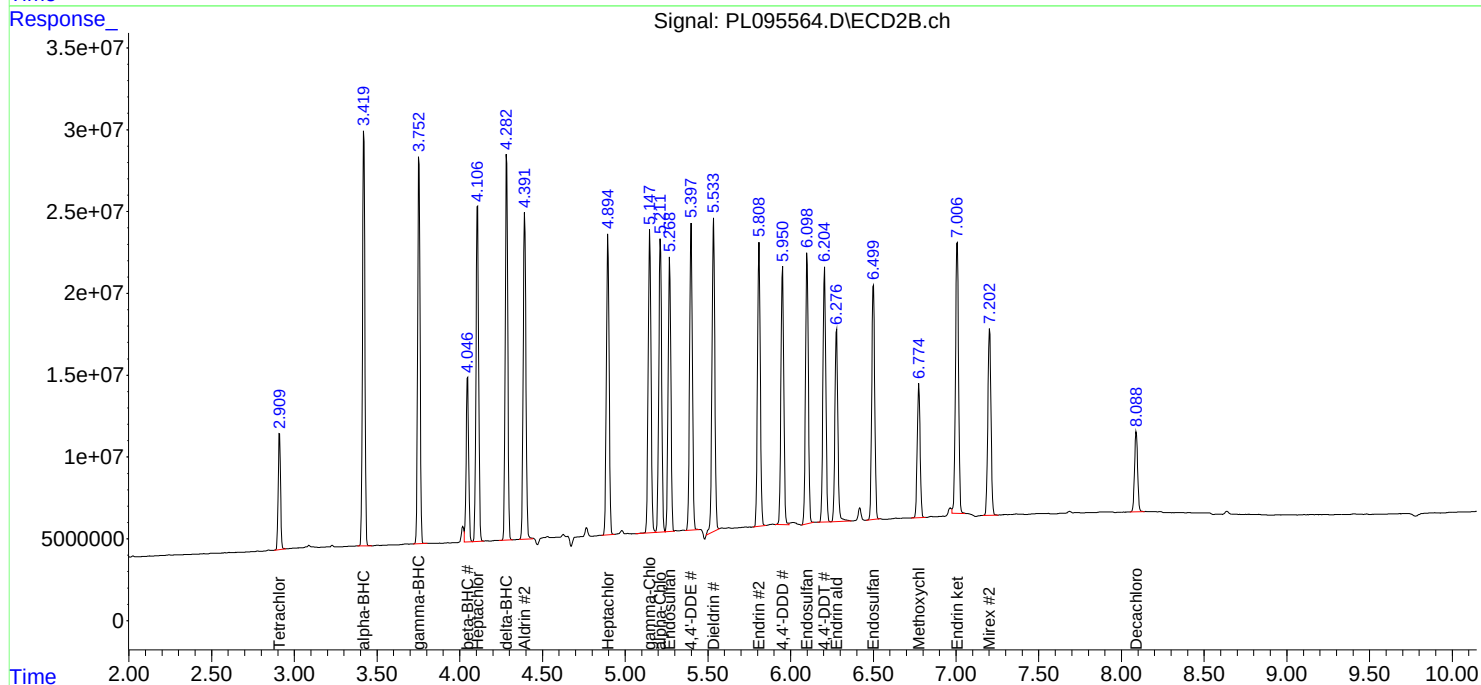
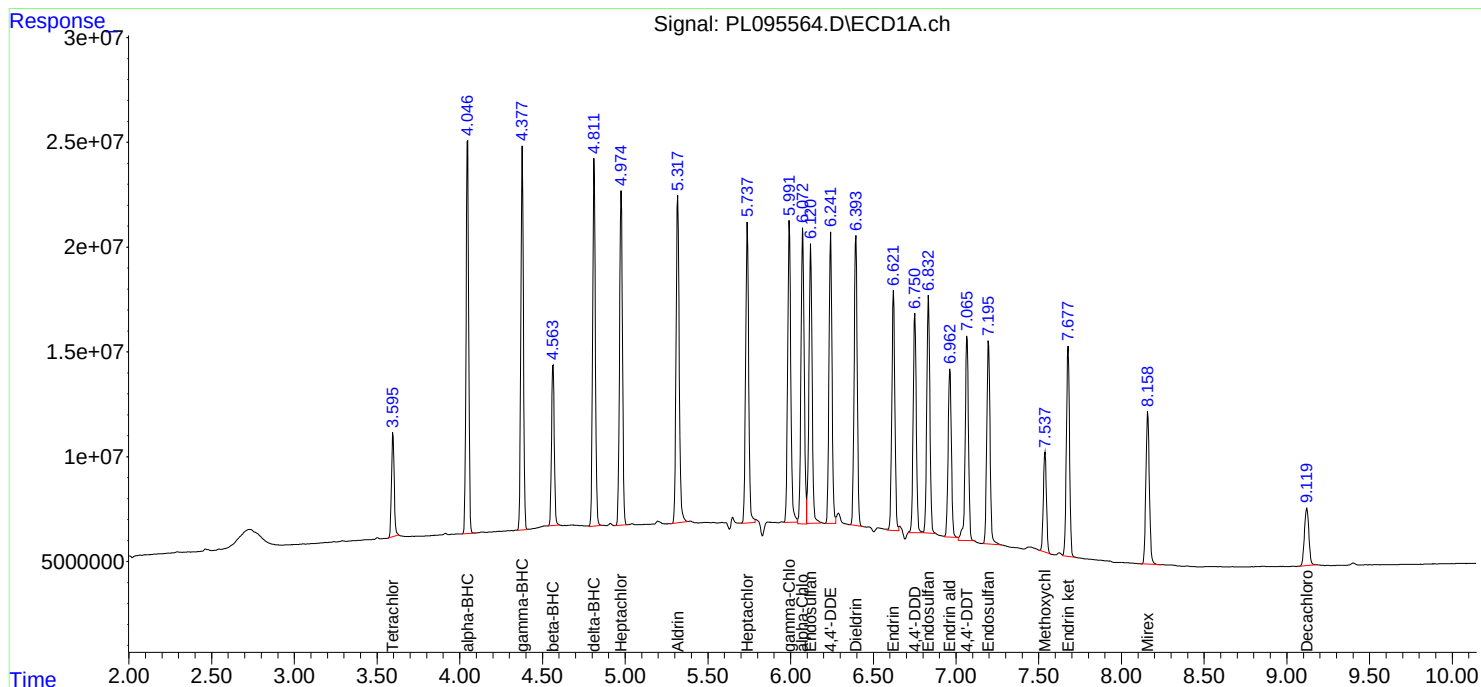
APPROVED

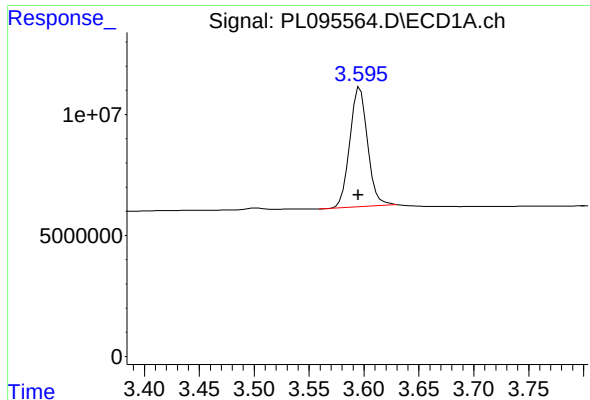
Reviewed By :Yogesh Patel 05/07/2025

Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 01:41:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
Quant Title : GC Extractables
QLast Update : Wed Apr 23 16:23:18 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





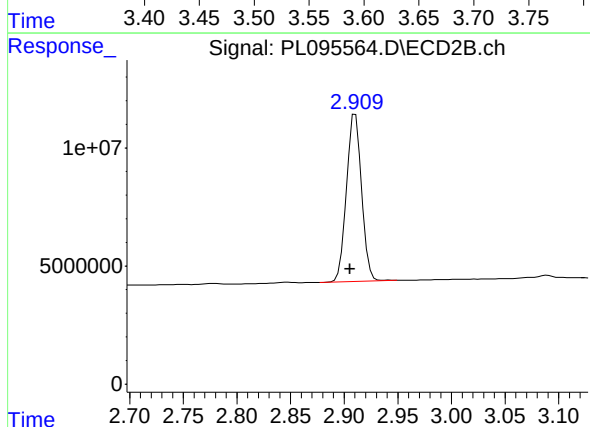
#1 Tetrachloro-m-xylene

R.T.: 3.596 min
Delta R.T.: 0.001 min
Response: 55738841
Conc: 17.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167878BS

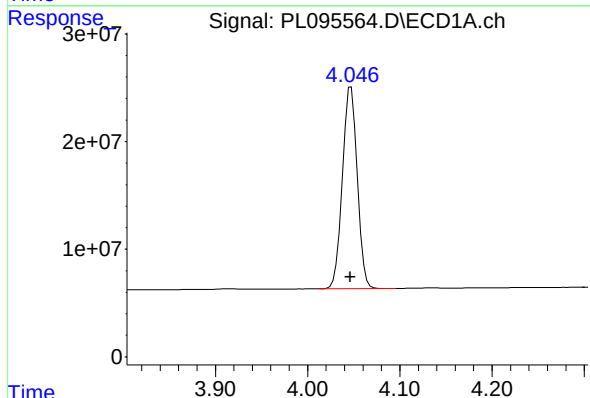
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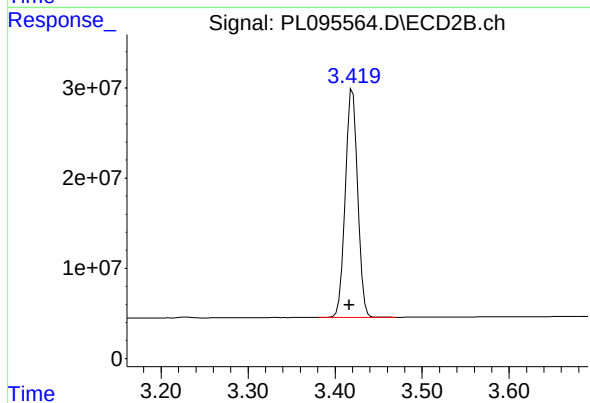
#1 Tetrachloro-m-xylene

R.T.: 2.910 min
Delta R.T.: 0.005 min
Response: 69549809
Conc: 21.87 ng/ml



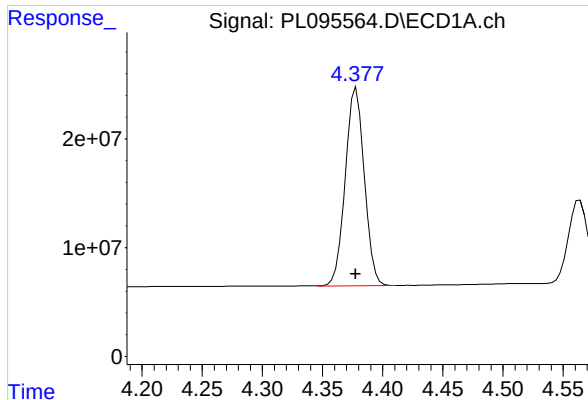
#2 alpha-BHC

R.T.: 4.047 min
Delta R.T.: 0.000 min
Response: 208994347
Conc: 42.19 ng/ml



#2 alpha-BHC

R.T.: 3.420 min
Delta R.T.: 0.004 min
Response: 251247514
Conc: 56.48 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.377 min
Delta R.T.: 0.000 min
Response: 200847394
Conc: 42.43 ng/ml

Instrument :

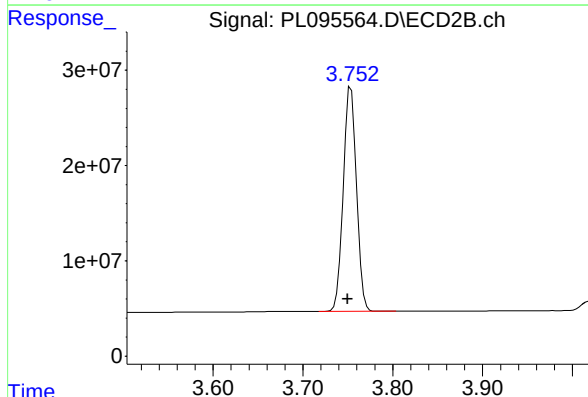
ECD_L

ClientSampleId :

PB167878BS

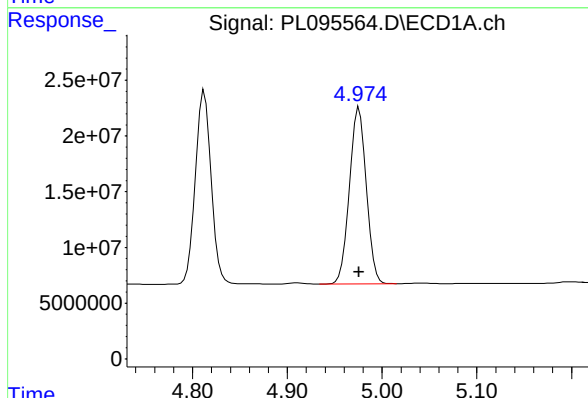
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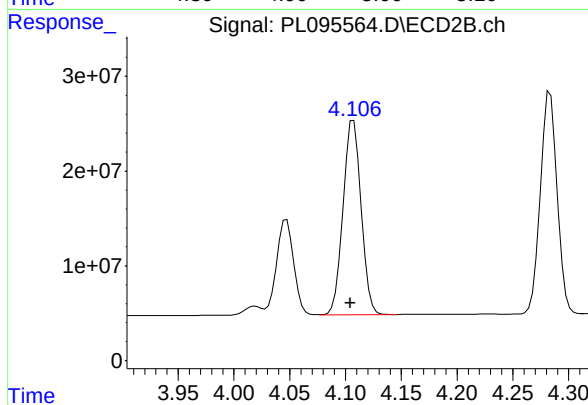
#3 gamma-BHC (Lindane)

R.T.: 3.754 min
Delta R.T.: 0.004 min
Response: 240526236
Conc: 54.69 ng/ml



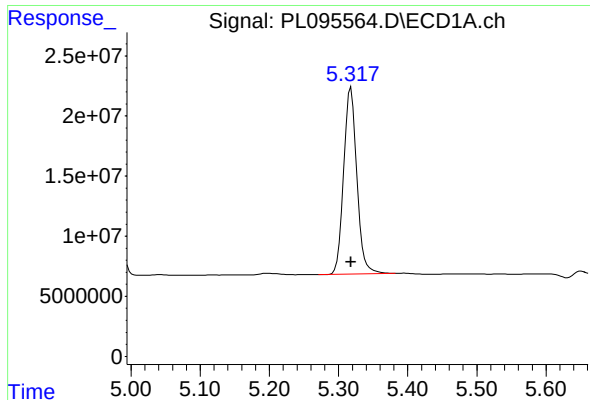
#4 Heptachlor

R.T.: 4.976 min
Delta R.T.: 0.000 min
Response: 196026894
Conc: 42.85 ng/ml



#4 Heptachlor

R.T.: 4.107 min
Delta R.T.: 0.003 min
Response: 230418837
Conc: 52.89 ng/ml



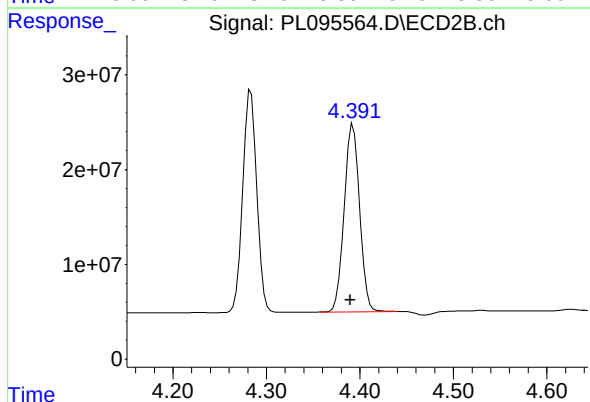
#5 Aldrin

R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 205740159
Conc: 44.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167878BS

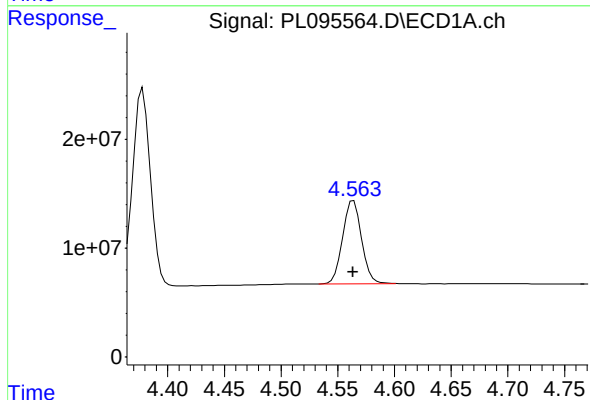
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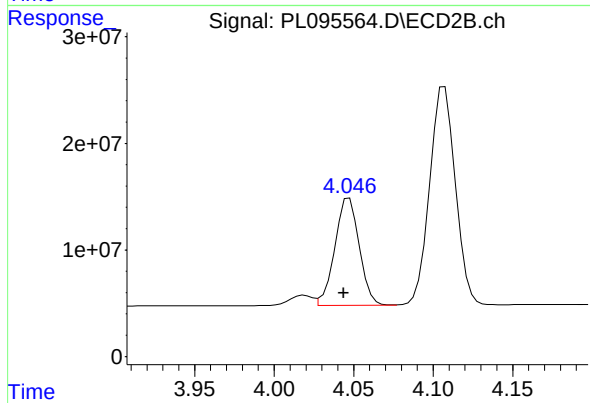
#5 Aldrin

R.T.: 4.391 min
Delta R.T.: 0.001 min
Response: 227742763
Conc: 55.34 ng/ml



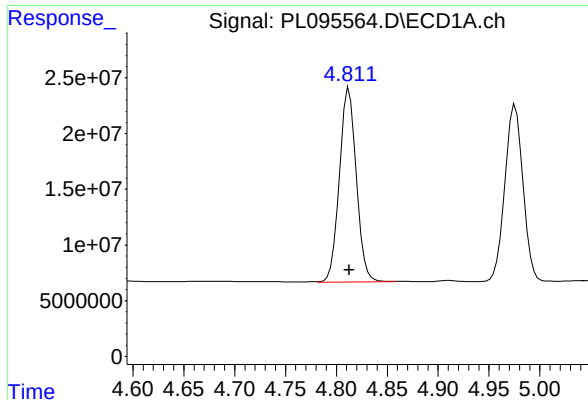
#6 beta-BHC

R.T.: 4.564 min
Delta R.T.: 0.000 min
Response: 88716038
Conc: 42.91 ng/ml



#6 beta-BHC

R.T.: 4.047 min
Delta R.T.: 0.003 min
Response: 107289897
Conc: 51.68 ng/ml



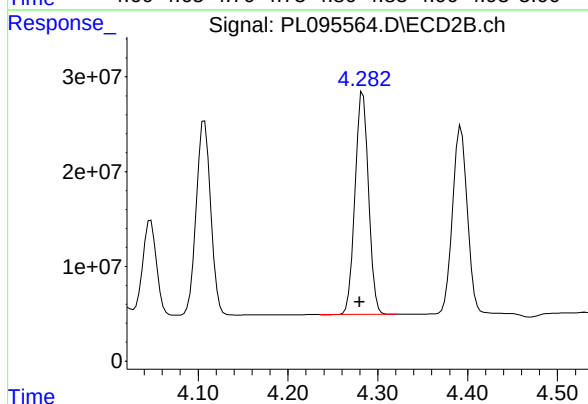
#7 delta-BHC

R.T.: 4.811 min
Delta R.T.: -0.001 min
Response: 200957202
Conc: 43.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167878BS

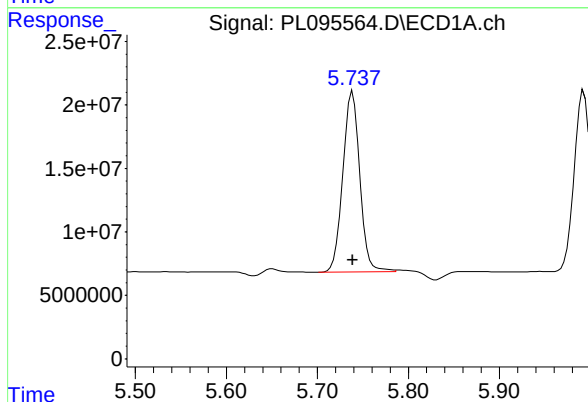
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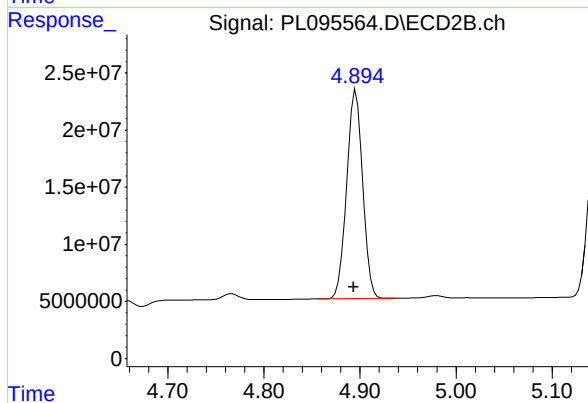
#7 delta-BHC

R.T.: 4.283 min
Delta R.T.: 0.004 min
Response: 245165920
Conc: 55.95 ng/ml



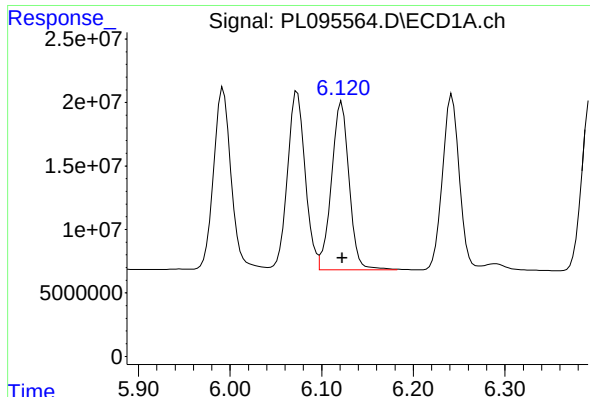
#8 Heptachlor epoxide

R.T.: 5.737 min
Delta R.T.: -0.002 min
Response: 185086701
Conc: 46.21 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.896 min
Delta R.T.: 0.002 min
Response: 209711220
Conc: 54.29 ng/ml



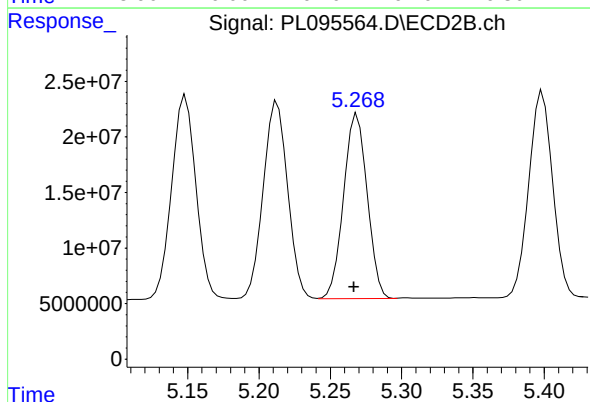
#9 Endosulfan I

R.T.: 6.120 min
Delta R.T.: -0.002 min
Response: 176728256
Conc: 46.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167878BS

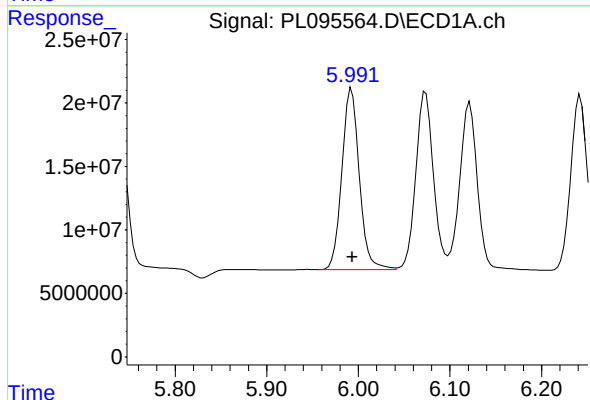
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Supervised By :mohammad ahmed 05/08/2025



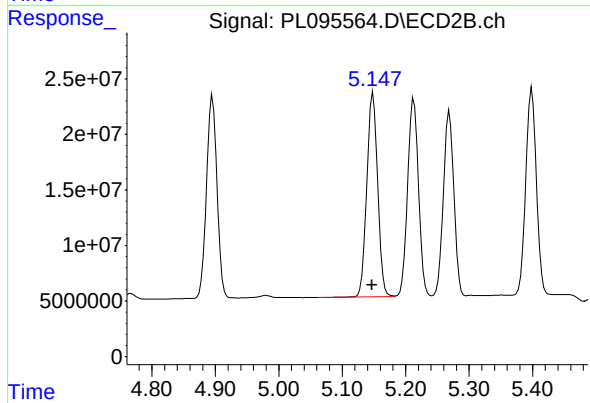
#9 Endosulfan I

R.T.: 5.269 min
Delta R.T.: 0.002 min
Response: 191321773
Conc: 52.27 ng/ml



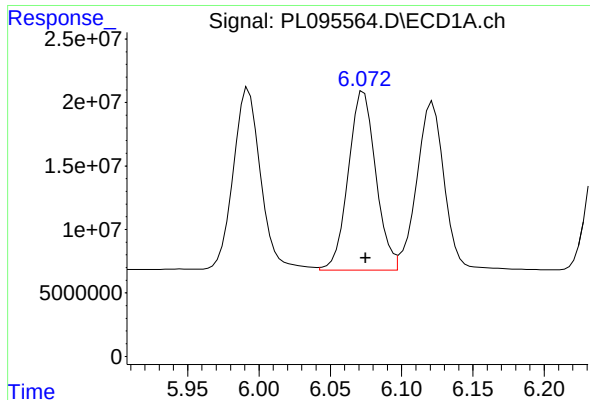
#10 gamma-Chlordane

R.T.: 5.991 min
Delta R.T.: -0.002 min
Response: 189788570
Conc: 46.52 ng/ml m



#10 gamma-Chlordane

R.T.: 5.149 min
Delta R.T.: 0.002 min
Response: 218521358
Conc: 53.92 ng/ml



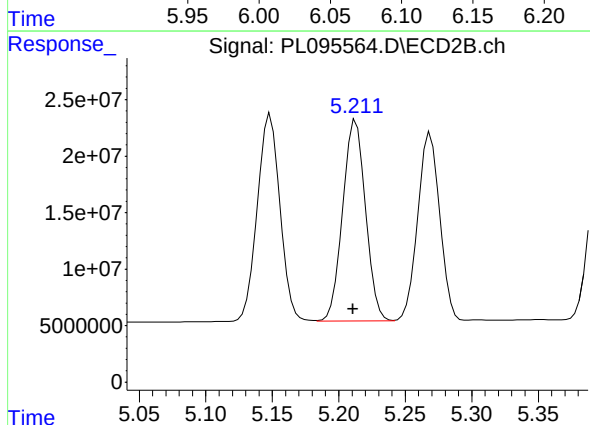
#11 alpha-Chlordane

R.T.: 6.072 min
Delta R.T.: -0.003 min
Response: 187845306
Conc: 46.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167878BS

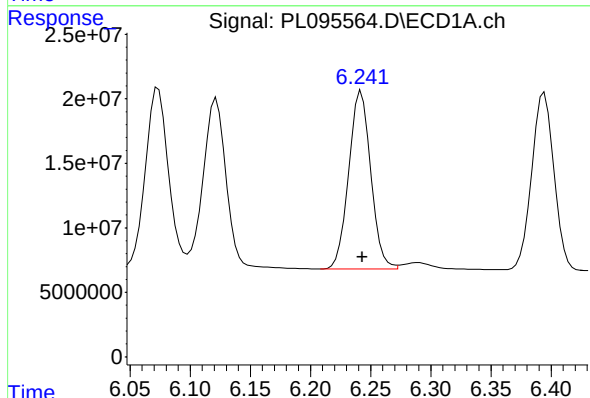
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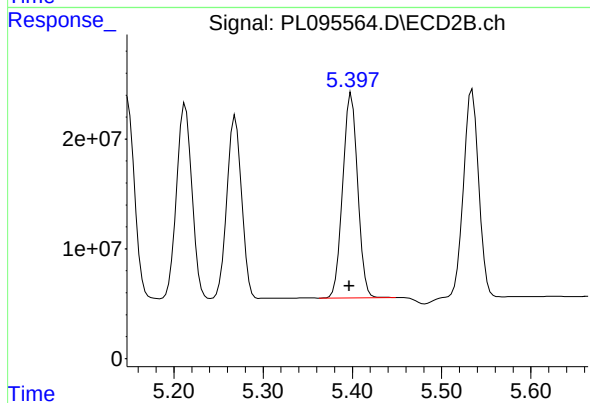
#11 alpha-Chlordane

R.T.: 5.213 min
Delta R.T.: 0.002 min
Response: 212720231
Conc: 53.43 ng/ml



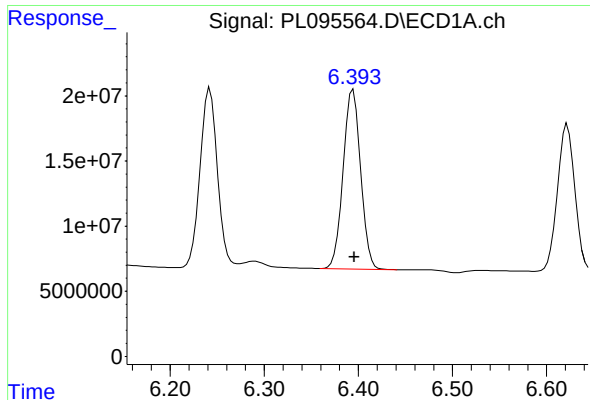
#12 4,4'-DDE

R.T.: 6.241 min
Delta R.T.: -0.002 min
Response: 176373362
Conc: 44.99 ng/ml m



#12 4,4'-DDE

R.T.: 5.399 min
Delta R.T.: 0.002 min
Response: 217034332
Conc: 53.37 ng/ml



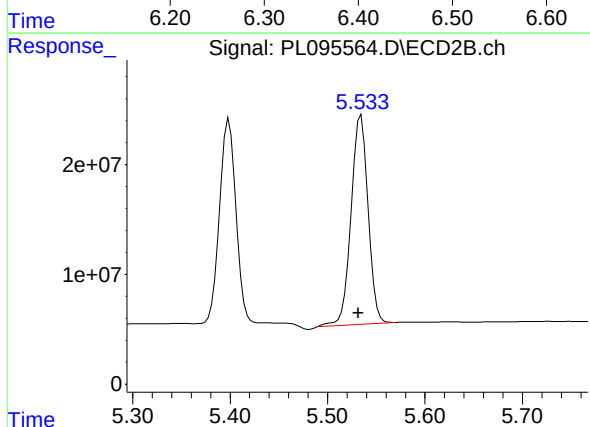
#13 Dieldrin

R.T.: 6.394 min
Delta R.T.: -0.001 min
Response: 177866704
Conc: 46.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167878BS

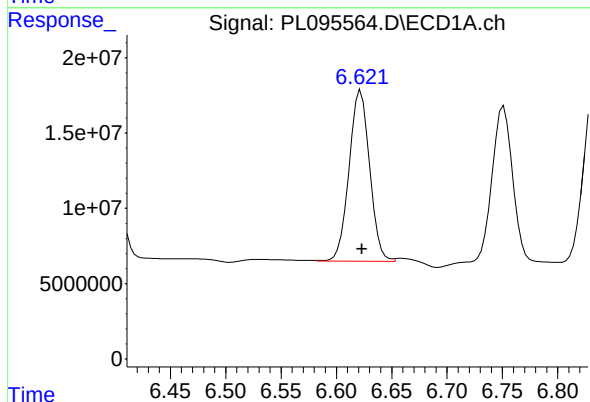
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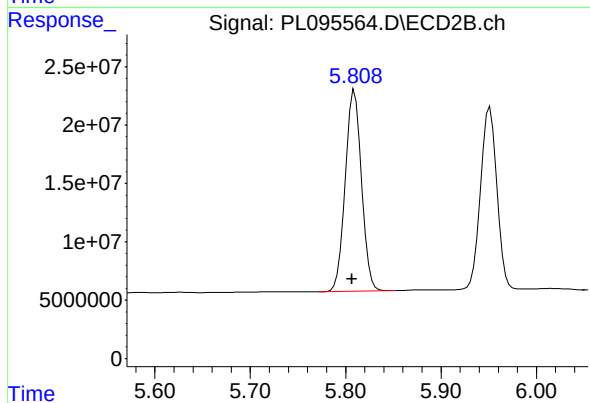
#13 Dieldrin

R.T.: 5.534 min
Delta R.T.: 0.003 min
Response: 231858194
Conc: 57.01 ng/ml



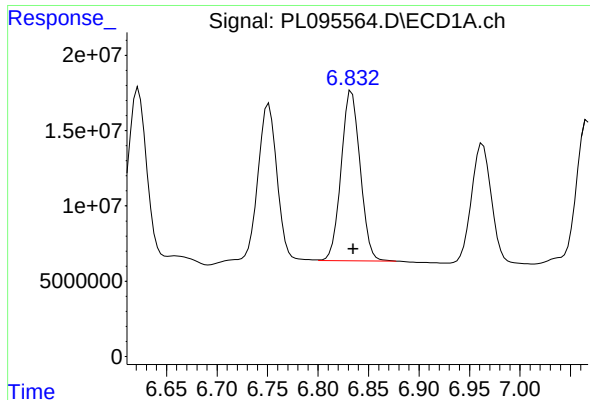
#14 Endrin

R.T.: 6.621 min
Delta R.T.: -0.002 min
Response: 147413561
Conc: 46.29 ng/ml m



#14 Endrin

R.T.: 5.809 min
Delta R.T.: 0.002 min
Response: 204714306
Conc: 56.23 ng/ml



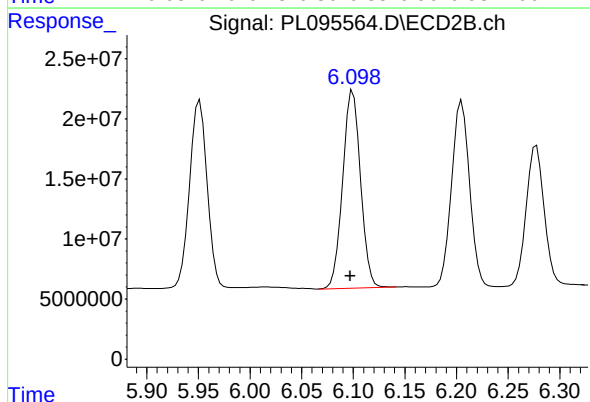
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: -0.003 min
Response: 148242788
Conc: 46.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167878BS

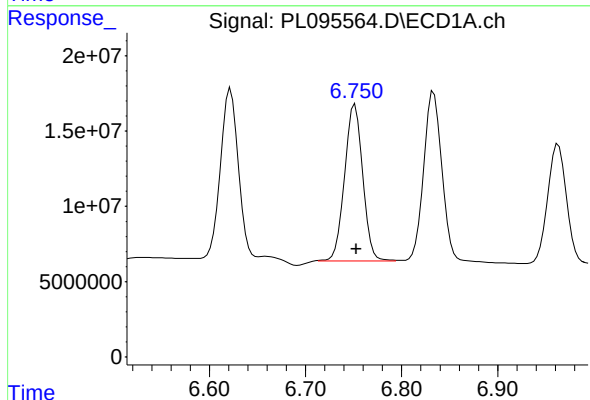
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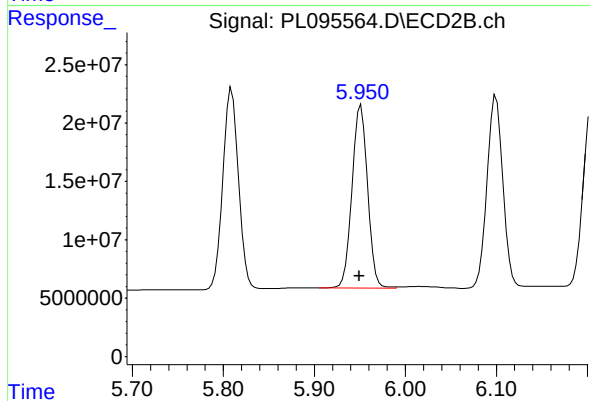
#15 Endosulfan II

R.T.: 6.100 min
Delta R.T.: 0.002 min
Response: 197859813
Conc: 55.10 ng/ml



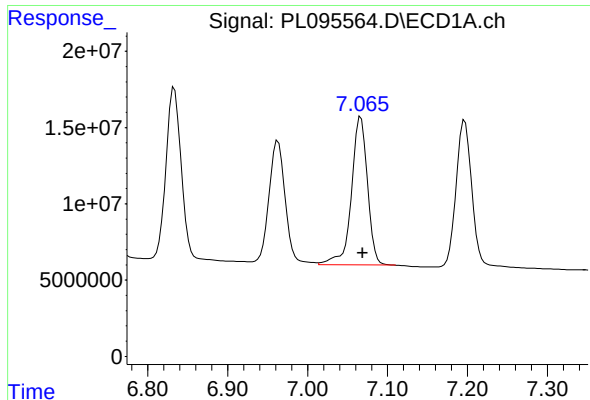
#16 4,4'-DDD

R.T.: 6.750 min
Delta R.T.: -0.003 min
Response: 135726524
Conc: 47.94 ng/ml m



#16 4,4'-DDD

R.T.: 5.951 min
Delta R.T.: 0.002 min
Response: 187627103
Conc: 57.43 ng/ml



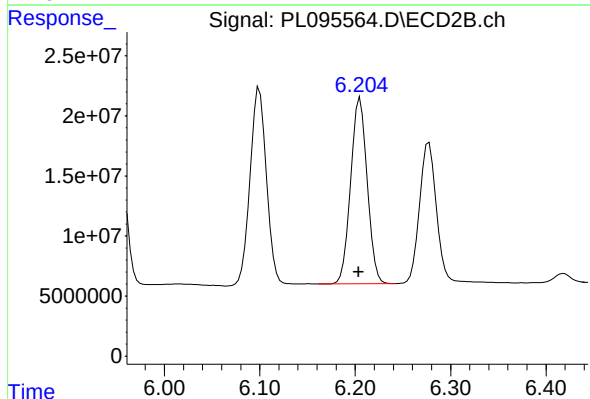
#17 4,4'-DDT

R.T.: 7.067 min
Delta R.T.: -0.002 min
Response: 135237959
Conc: 47.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167878BS

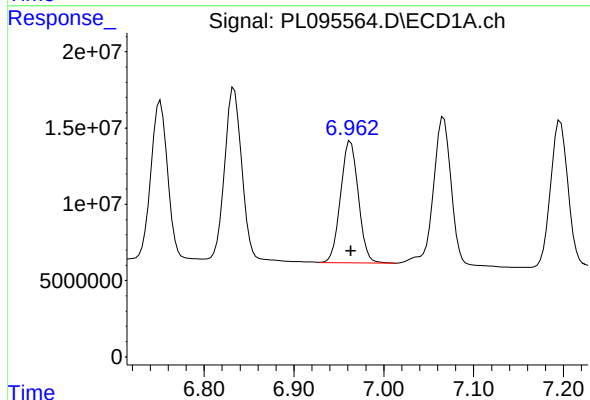
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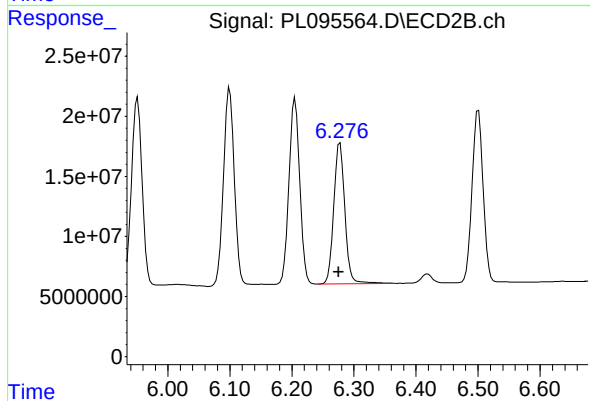
#17 4,4'-DDT

R.T.: 6.205 min
Delta R.T.: 0.001 min
Response: 187622656
Conc: 54.60 ng/ml



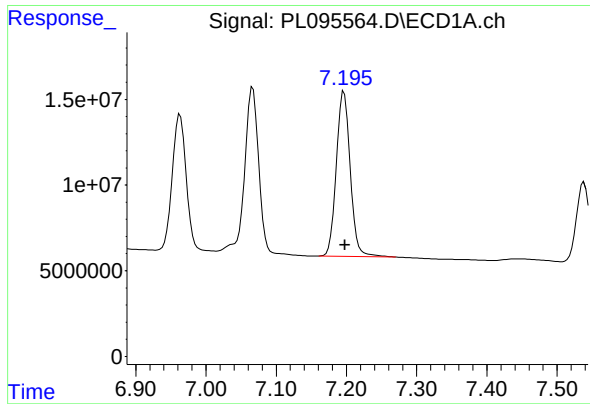
#18 Endrin aldehyde

R.T.: 6.962 min
Delta R.T.: -0.002 min
Response: 109835745
Conc: 47.33 ng/ml m



#18 Endrin aldehyde

R.T.: 6.277 min
Delta R.T.: 0.002 min
Response: 145229897
Conc: 55.58 ng/ml



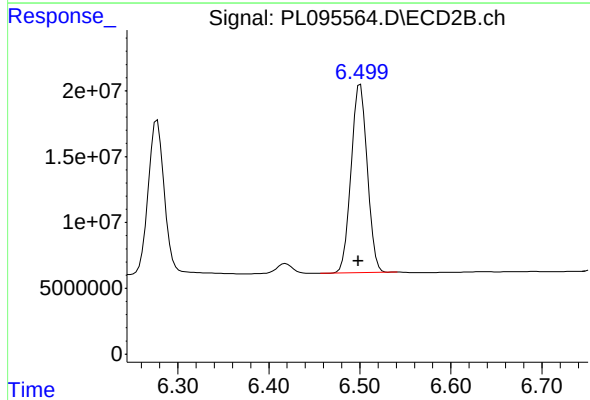
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: -0.002 min
Response: 132395853
Conc: 47.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167878BS

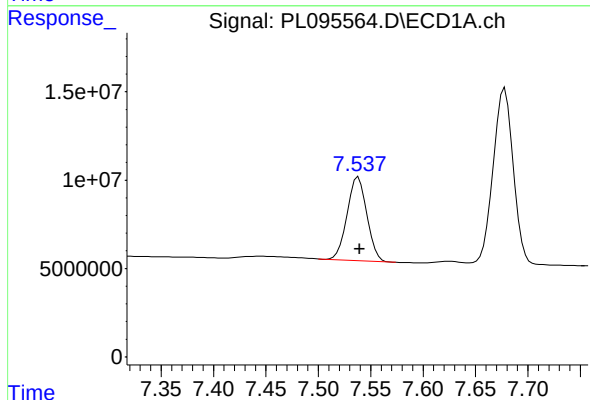
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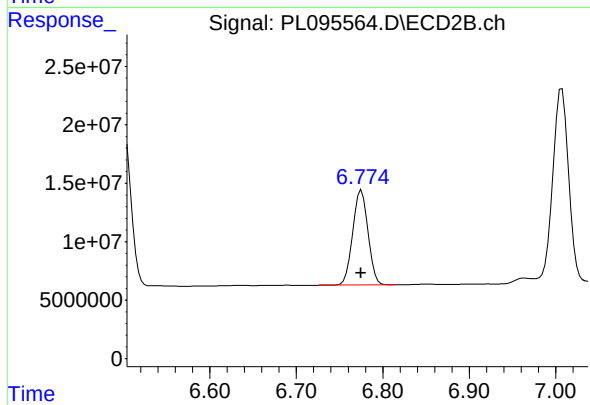
#19 Endosulfan Sulfate

R.T.: 6.501 min
Delta R.T.: 0.002 min
Response: 177710729
Conc: 53.56 ng/ml



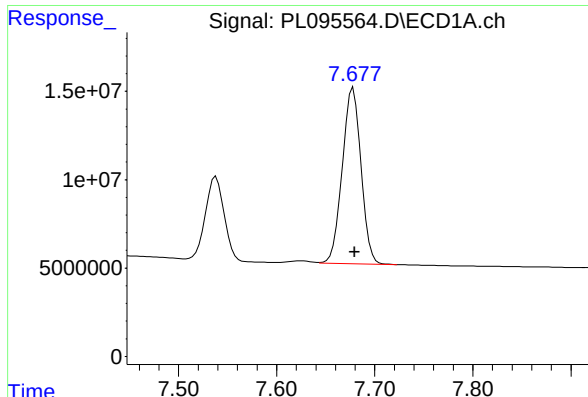
#20 Methoxychlor

R.T.: 7.538 min
Delta R.T.: -0.001 min
Response: 62117162
Conc: 44.52 ng/ml



#20 Methoxychlor

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 99982713
Conc: 52.42 ng/ml



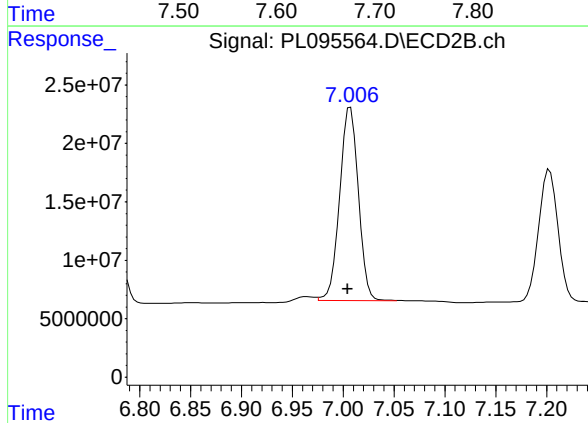
#21 Endrin ketone

R.T.: 7.678 min
Delta R.T.: -0.001 min
Response: 132389046
Conc: 46.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167878BS

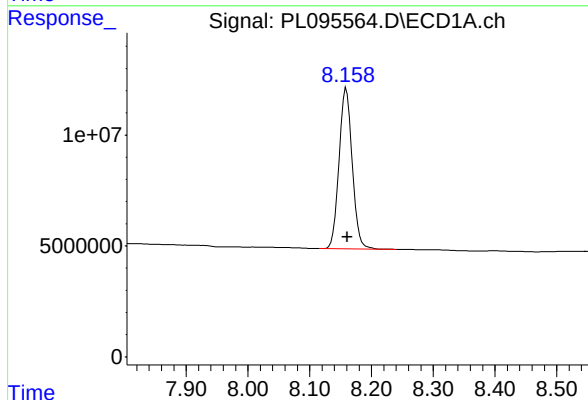
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Reviewed By :Yogesh Patel 05/07/2025
Supervised By :mohammad ahmed 05/08/2025



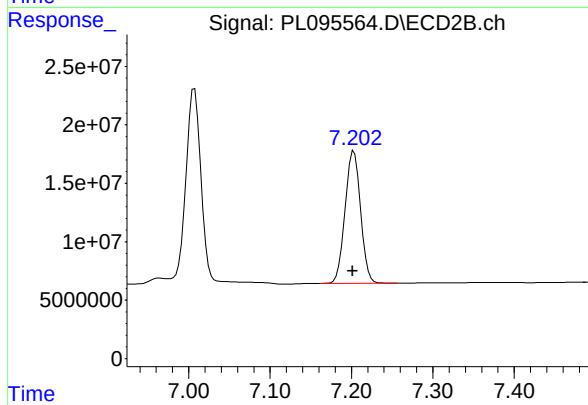
#21 Endrin ketone

R.T.: 7.006 min
Delta R.T.: 0.001 min
Response: 211458242
Conc: 60.05 ng/ml m



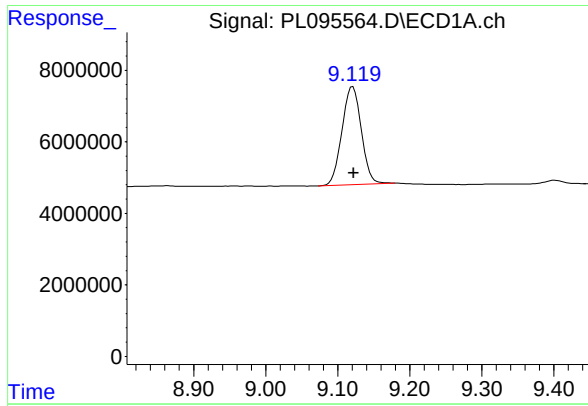
#22 Mirex

R.T.: 8.159 min
Delta R.T.: -0.001 min
Response: 107153693
Conc: 45.10 ng/ml



#22 Mirex

R.T.: 7.202 min
Delta R.T.: 0.000 min
Response: 150575198
Conc: 52.24 ng/ml m



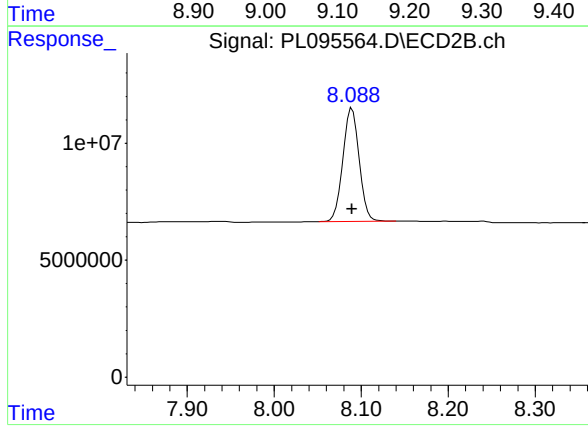
#28 Decachlorobiphenyl

R.T.: 9.121 min
Delta R.T.: -0.001 min
Response: 51128615
Conc: 18.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167878BS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.090 min
Delta R.T.: 0.000 min
Response: 63398254
Conc: 21.42 ng/ml