

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061825\
 Data File : PL096098.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jun 2025 11:51
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations APPROVED

Reviewed By :Abdul
 Mirza

06/19/2025
 Supervised By :mohammad
 ahmed

06/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 19 01:28:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 17 17:11:36 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...	3.574	2.881	188.3E6	239.7E6	51.741	50.540
28) SA Decachlor...	9.124	8.066	130.7E6	263.0E6	45.628	43.626
Target Compounds						
2) A alpha-BHC	4.025	3.391	297.5E6	371.8E6	52.518	51.678
3) MA gamma-BHC...	4.357	3.724	274.3E6	350.2E6	51.843	51.109
4) MA Heptachlor	4.954	4.076	242.2E6	341.6E6	49.830	48.975
5) MB Aldrin	5.297	4.361	256.5E6	331.6E6	50.313	50.404
6) B beta-BHC	4.545	4.020	116.8E6	150.3E6	51.801	49.612
7) B delta-BHC	4.792	4.255	266.9E6	349.0E6	51.334	50.786
8) B Heptachlo...	5.718	4.863	228.7E6	304.7E6	50.374	49.411
9) A Endosulfan I	6.101	5.237	213.9E6	290.5E6	49.792	45.299
10) B gamma-Chl...	5.973	5.117	236.0E6	331.4E6	50.668	49.822
11) B alpha-Chl...	6.054	5.181	230.4E6	328.2E6	49.773	48.140
12) B 4,4'-DDE	6.225	5.368	210.5E6	323.7E6	48.603	49.352m
13) MA Dieldrin	6.375	5.503	229.7E6	327.9E6	49.686	49.977
14) MA Endrin	6.603	5.779	177.3E6	278.8E6	46.643	46.969
15) B Endosulfa...	6.817	6.071	192.2E6	290.7E6	48.514	48.885
16) A 4,4'-DDD	6.737	5.924	178.8E6	275.5E6	51.273	50.076
17) MA 4,4'-DDT	7.053	6.178	155.7E6	269.3E6	44.595	44.887
18) B Endrin al...	6.946	6.249	140.0E6	218.5E6	49.309	48.709
19) B Endosulfa...	7.181	6.473	172.3E6	276.7E6	47.516	48.664
20) A Methoxychlor	7.530	6.751	75803199	144.3E6	42.574	43.975
21) B Endrin ke...	7.663	6.980	186.7E6	325.1E6	47.936	48.992
22) Mirex	8.146	7.173	136.6E6	247.8E6	46.101	44.370

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061825\
Data File : PL096098.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jun 2025 11:51
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

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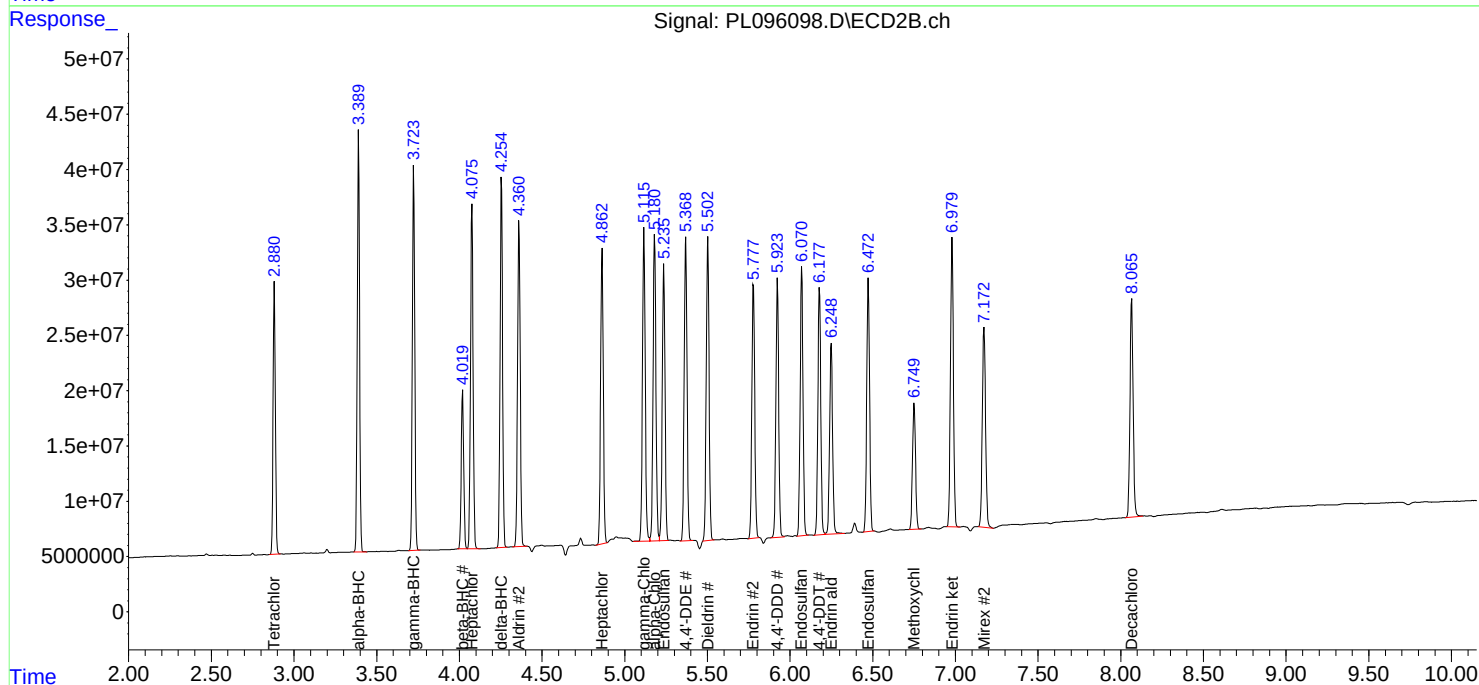
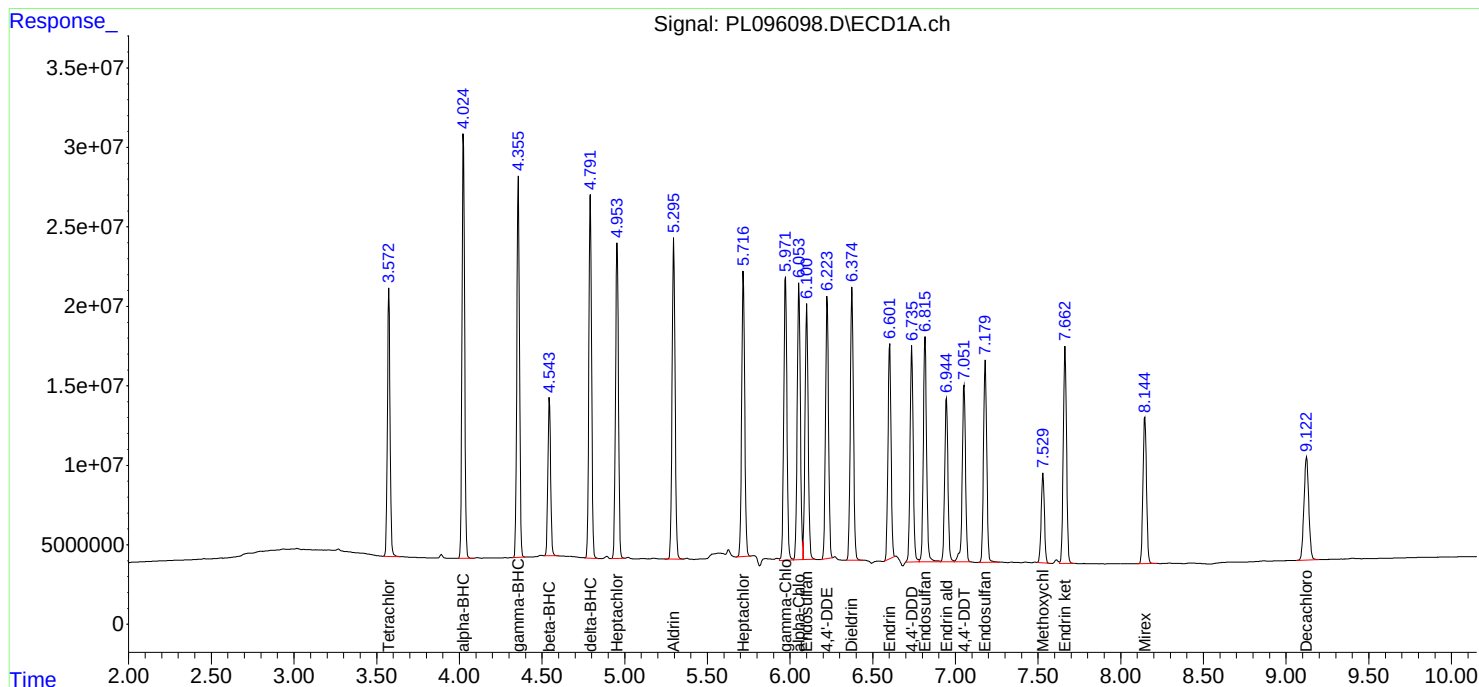
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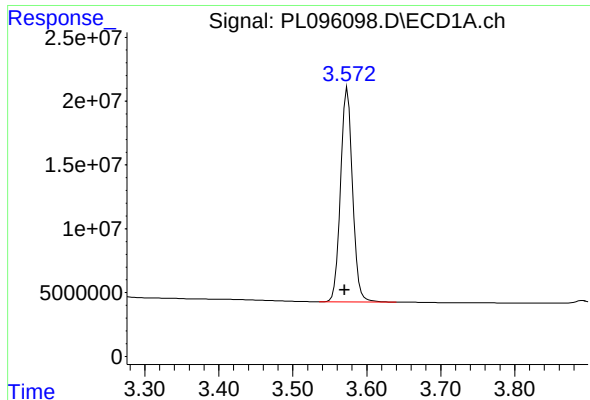
Supervised By :mohammad
ahmed

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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 19 01:28:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061725.M
Quant Title : GC Extractables
QLast Update : Tue Jun 17 17:11:36 2025
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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.: 3.574 min
Delta R.T.: 0.004 min
Response: 188278198
Conc: 51.74 ng/ml

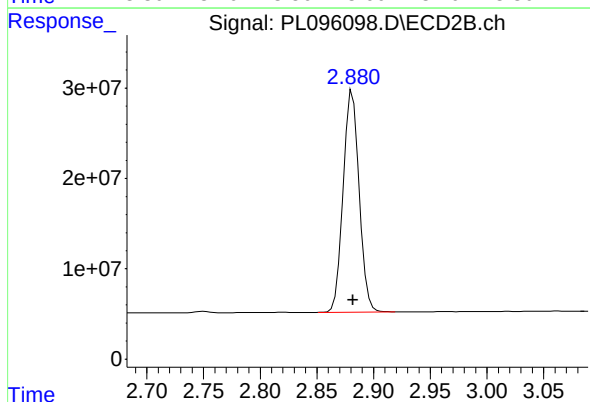
Instrument :
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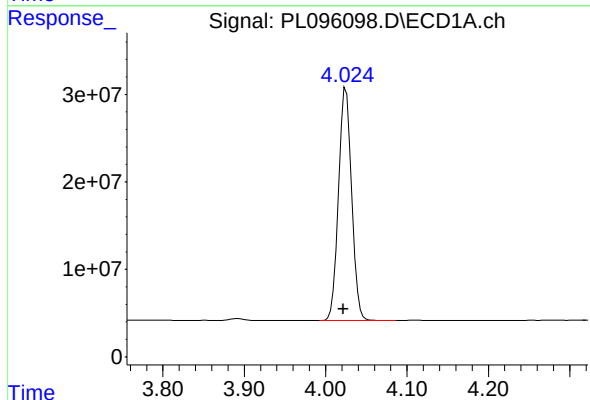
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Supervised By :mohammad
ahmed

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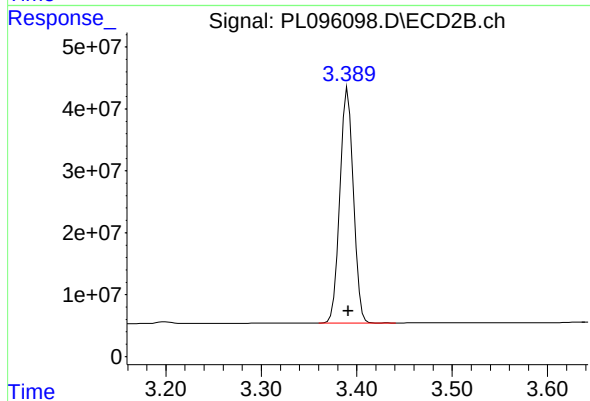
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 239713325
Conc: 50.54 ng/ml



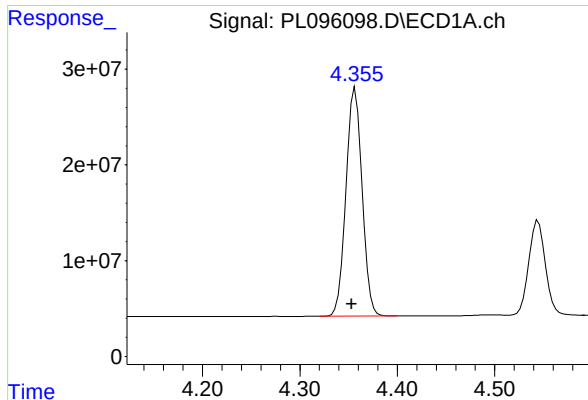
#2 alpha-BHC

R.T.: 4.025 min
Delta R.T.: 0.003 min
Response: 297467326
Conc: 52.52 ng/ml



#2 alpha-BHC

R.T.: 3.391 min
Delta R.T.: 0.000 min
Response: 371830789
Conc: 51.68 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.357 min
Delta R.T.: 0.004 min
Response: 274322764
Conc: 51.84 ng/ml

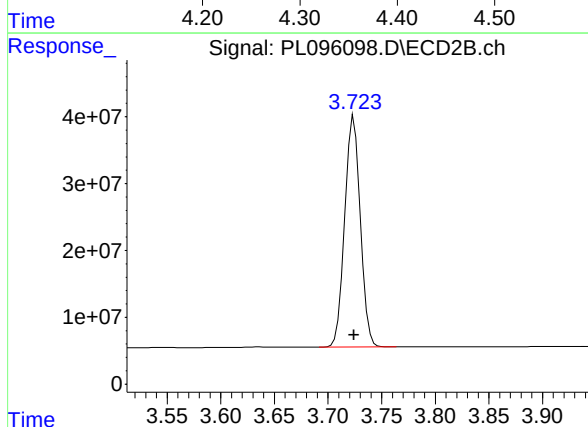
Instrument :
ECD_L
ClientSampleId :
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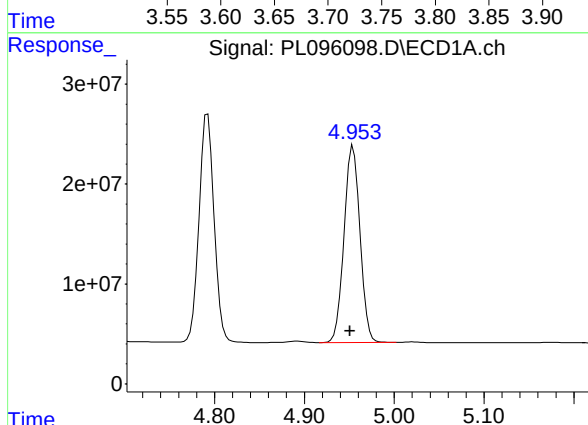
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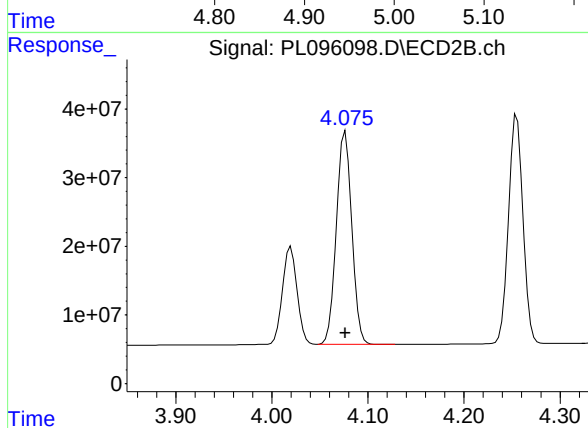
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: 0.000 min
Response: 350199460
Conc: 51.11 ng/ml



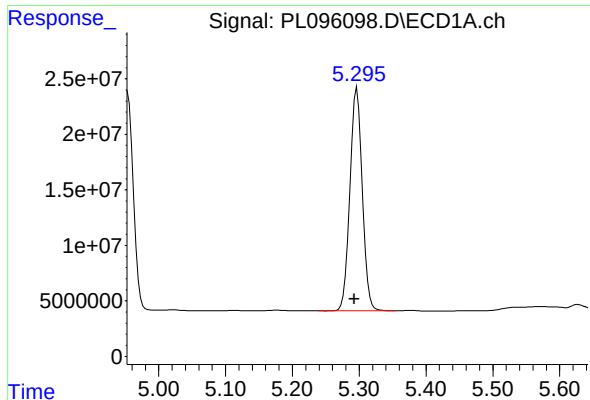
#4 Heptachlor

R.T.: 4.954 min
Delta R.T.: 0.003 min
Response: 242190728
Conc: 49.83 ng/ml



#4 Heptachlor

R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 341552377
Conc: 48.97 ng/ml



#5 Aldrin

R.T.: 5.297 min
Delta R.T.: 0.004 min
Response: 256506782
Conc: 50.31 ng/ml

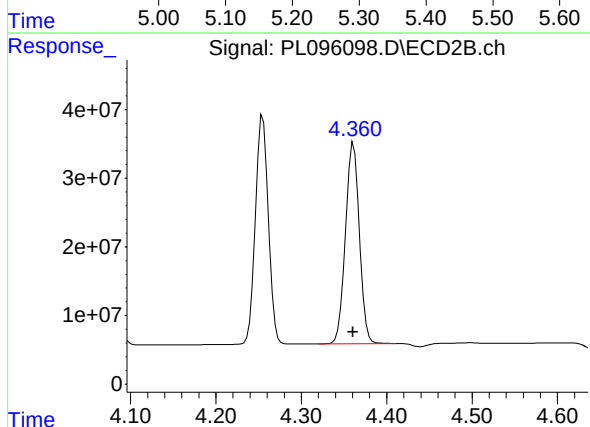
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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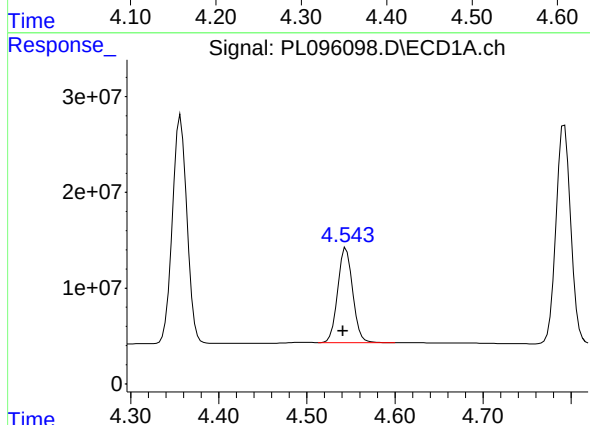
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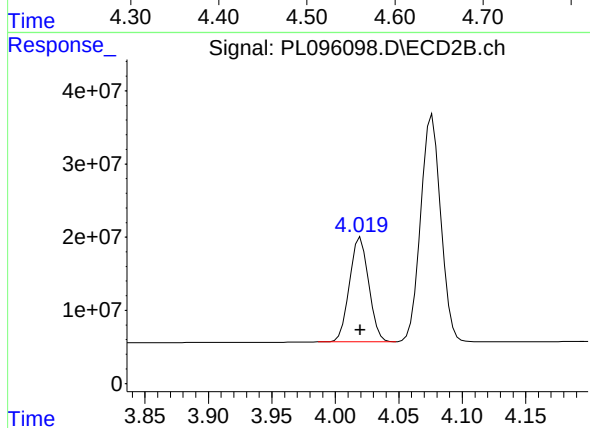
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 331613746
Conc: 50.40 ng/ml



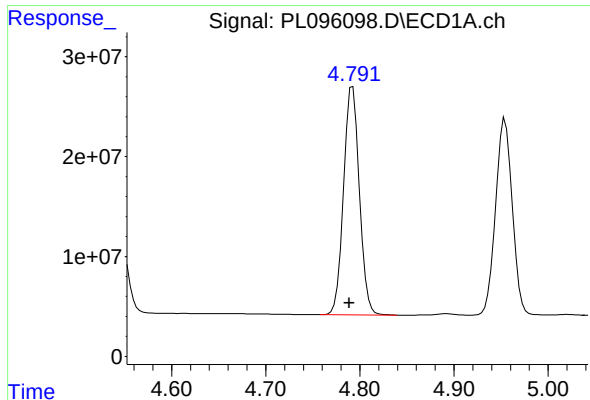
#6 beta-BHC

R.T.: 4.545 min
Delta R.T.: 0.004 min
Response: 116797143
Conc: 51.80 ng/ml



#6 beta-BHC

R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 150308463
Conc: 49.61 ng/ml



#7 delta-BHC

R.T.: 4.792 min
Delta R.T.: 0.003 min
Response: 266864331
Conc: 51.33 ng/ml

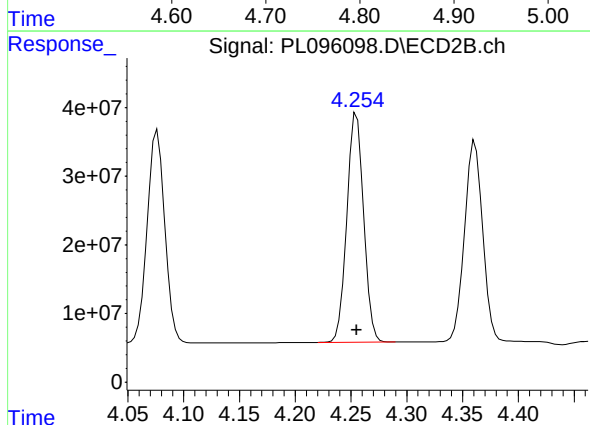
Instrument :
ECD_L
ClientSampleId :
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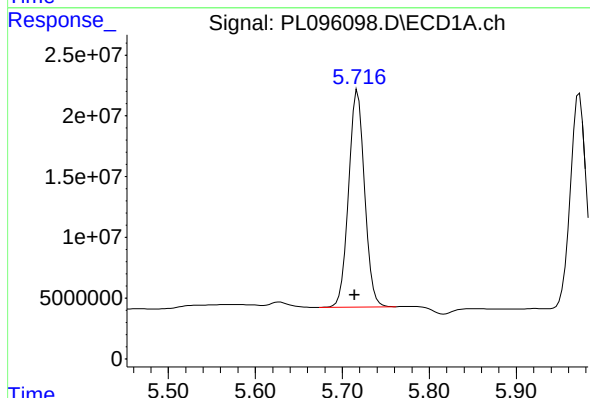
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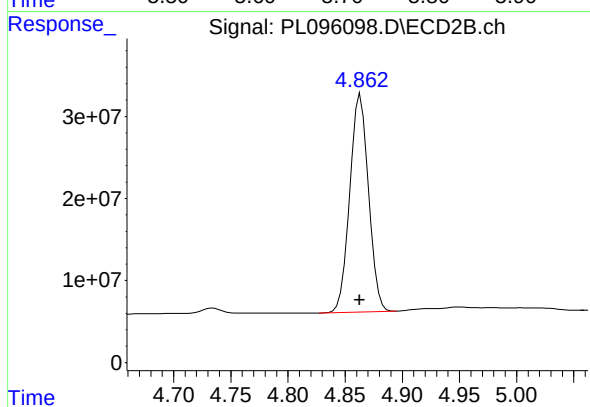
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 349014484
Conc: 50.79 ng/ml



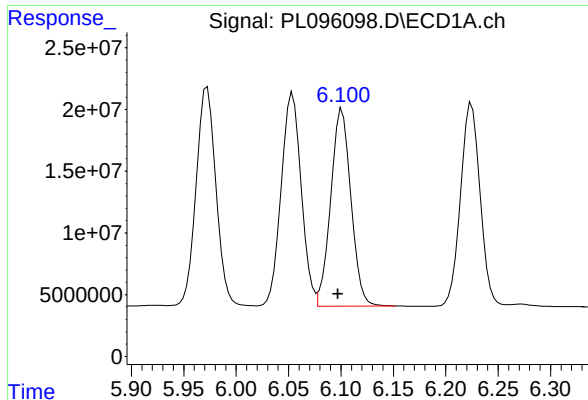
#8 Heptachlor epoxide

R.T.: 5.718 min
Delta R.T.: 0.004 min
Response: 228707939
Conc: 50.37 ng/ml



#8 Heptachlor epoxide

R.T.: 4.863 min
Delta R.T.: 0.000 min
Response: 304690314
Conc: 49.41 ng/ml



#9 Endosulfan I

R.T.: 6.101 min
Delta R.T.: 0.004 min
Response: 213860149
Conc: 49.79 ng/ml

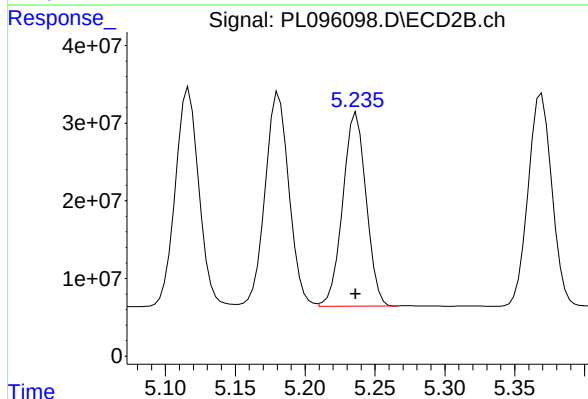
Instrument :
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ClientSampleId :
PSTDCCC050

Manual Integrations
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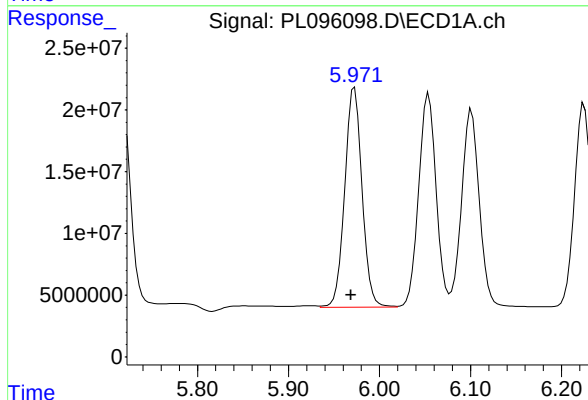
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Supervised By :mohammad
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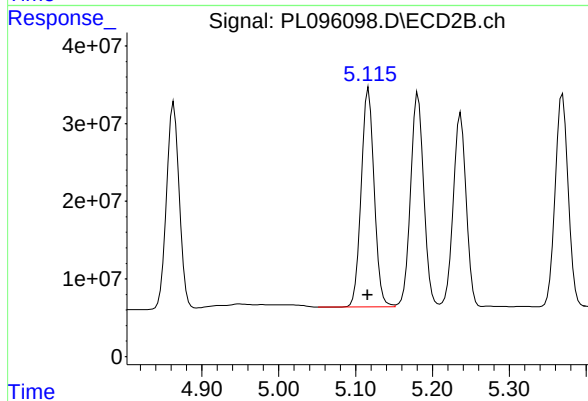
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: 0.000 min
Response: 290475206
Conc: 45.30 ng/ml



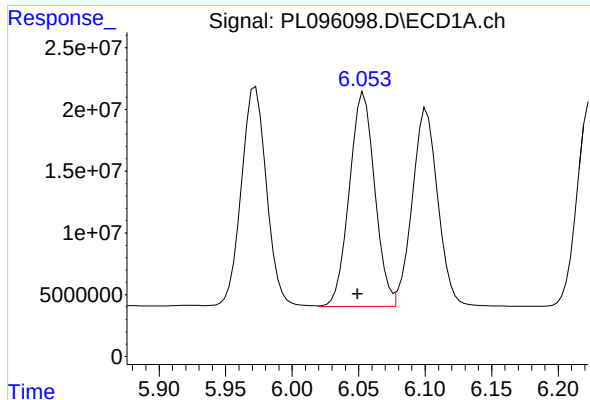
#10 gamma-Chlordane

R.T.: 5.973 min
Delta R.T.: 0.004 min
Response: 235976414
Conc: 50.67 ng/ml



#10 gamma-Chlordane

R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 331389671
Conc: 49.82 ng/ml



#11 alpha-Chlordane

R.T.: 6.054 min
Delta R.T.: 0.005 min
Response: 230412761
Conc: 49.77 ng/ml

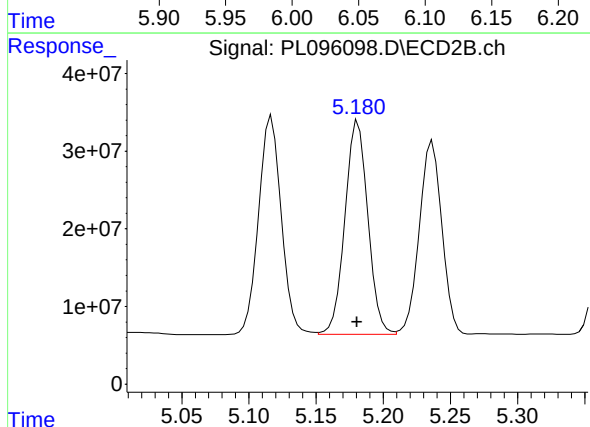
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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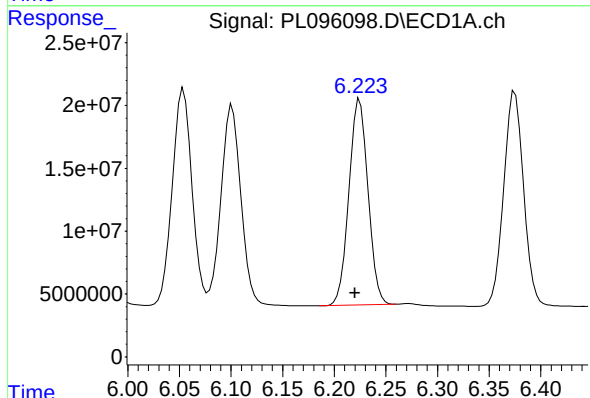
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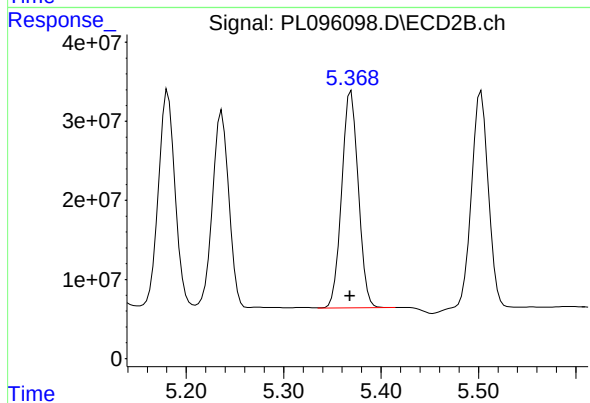
#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 328193053
Conc: 48.14 ng/ml



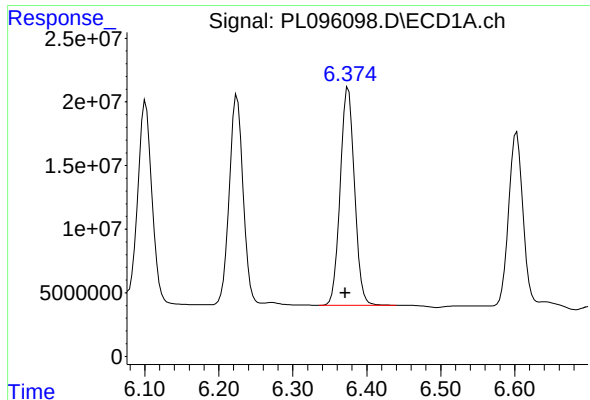
#12 4,4'-DDE

R.T.: 6.225 min
Delta R.T.: 0.005 min
Response: 210480071
Conc: 48.60 ng/ml



#12 4,4'-DDE

R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 323736722
Conc: 49.35 ng/ml m



#13 Dieldrin

R.T.: 6.375 min
Delta R.T.: 0.004 min
Response: 229665407
Conc: 49.69 ng/ml

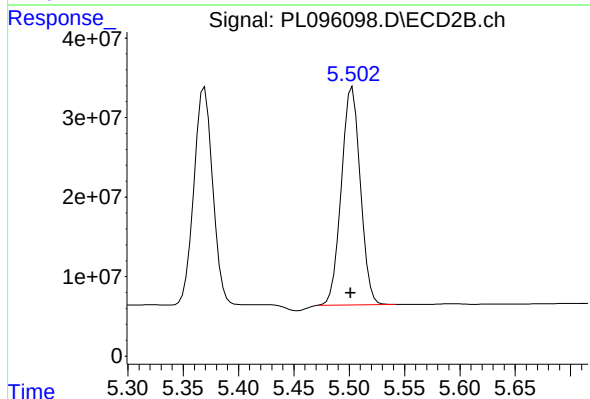
Instrument :
ECD_L
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PSTDCCC050

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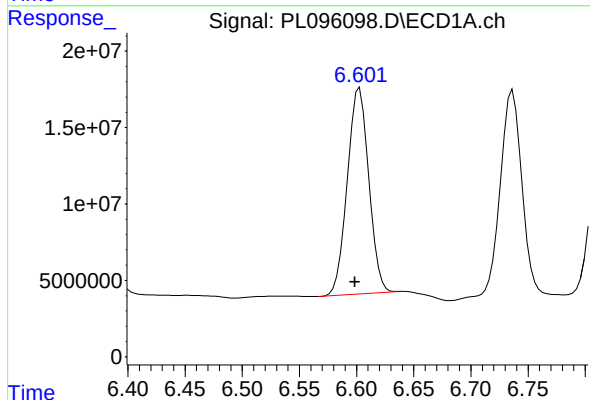
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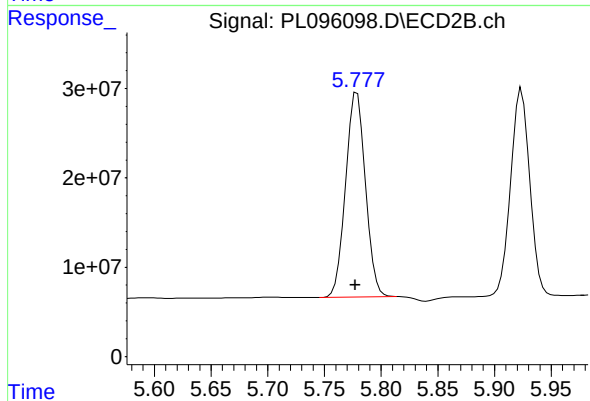
#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: 0.001 min
Response: 327897984
Conc: 49.98 ng/ml



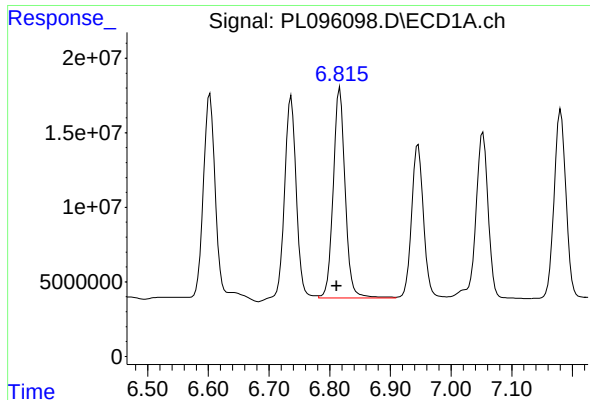
#14 Endrin

R.T.: 6.603 min
Delta R.T.: 0.004 min
Response: 177290680
Conc: 46.64 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: 0.001 min
Response: 278772133
Conc: 46.97 ng/ml



#15 Endosulfan II

R.T.: 6.817 min
Delta R.T.: 0.005 min
Response: 192156527
Conc: 48.51 ng/ml

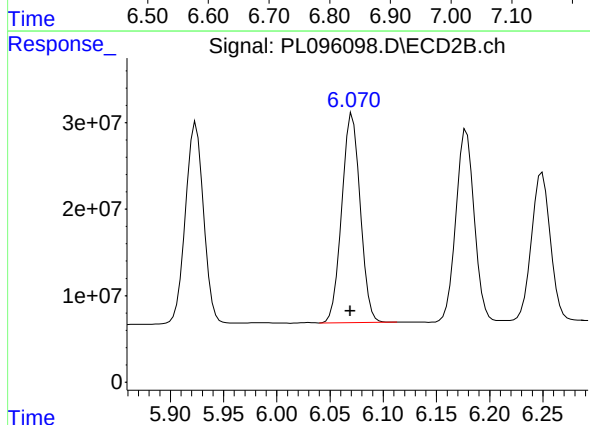
Instrument :
ECD_L
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PSTDCCC050

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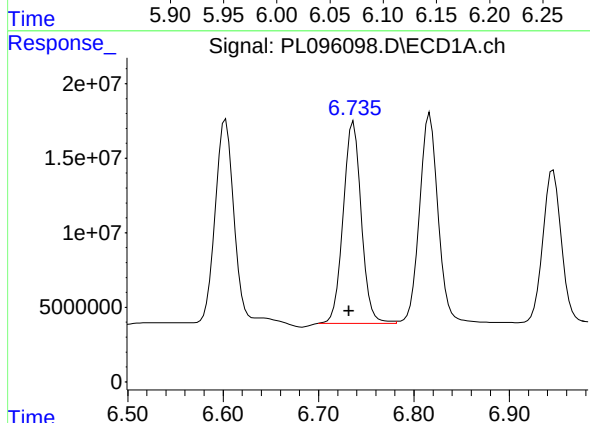
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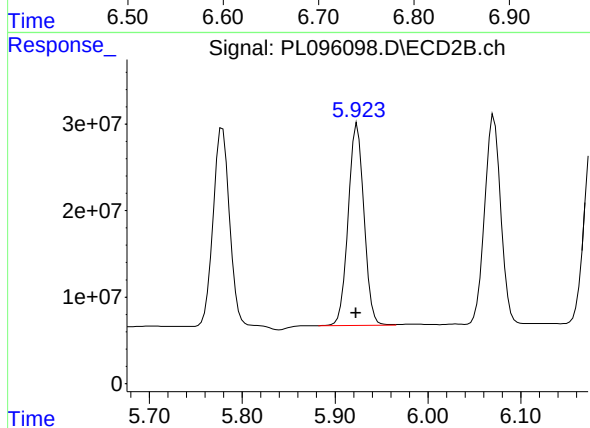
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: 0.002 min
Response: 290656673
Conc: 48.89 ng/ml



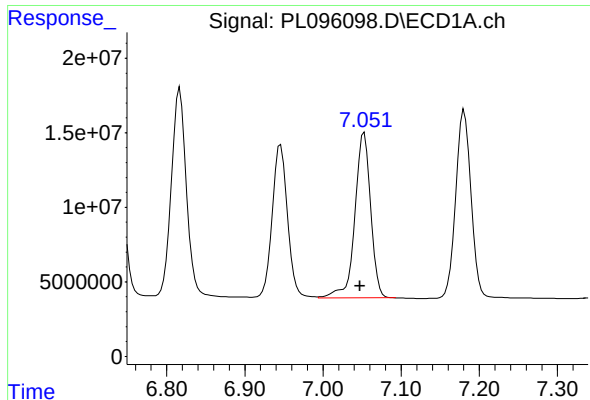
#16 4,4'-DDD

R.T.: 6.737 min
Delta R.T.: 0.005 min
Response: 178848784
Conc: 51.27 ng/ml



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: 0.002 min
Response: 275468233
Conc: 50.08 ng/ml



#17 4,4'-DDT

R.T.: 7.053 min
Delta R.T.: 0.005 min
Response: 155737147
Conc: 44.60 ng/ml

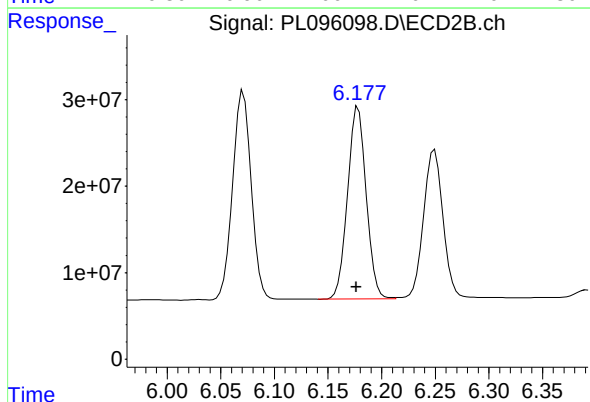
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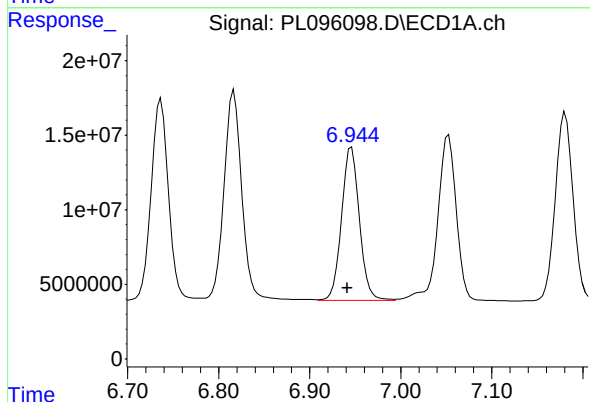
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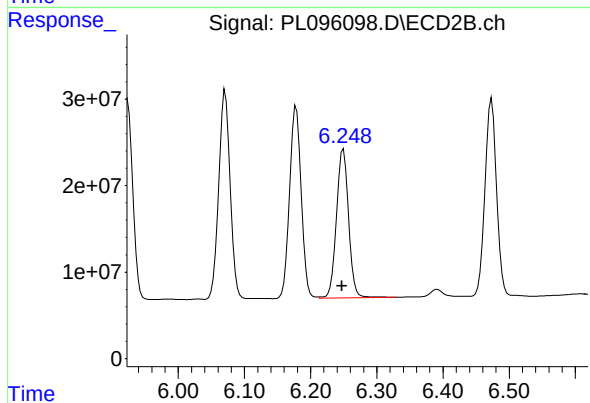
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.002 min
Response: 269322689
Conc: 44.89 ng/ml



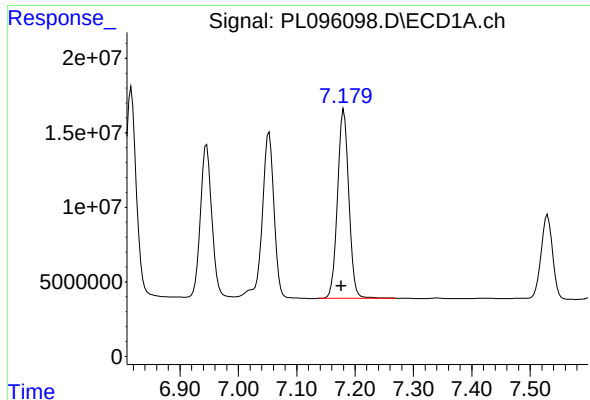
#18 Endrin aldehyde

R.T.: 6.946 min
Delta R.T.: 0.005 min
Response: 140042884
Conc: 49.31 ng/ml



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: 0.002 min
Response: 218517291
Conc: 48.71 ng/ml



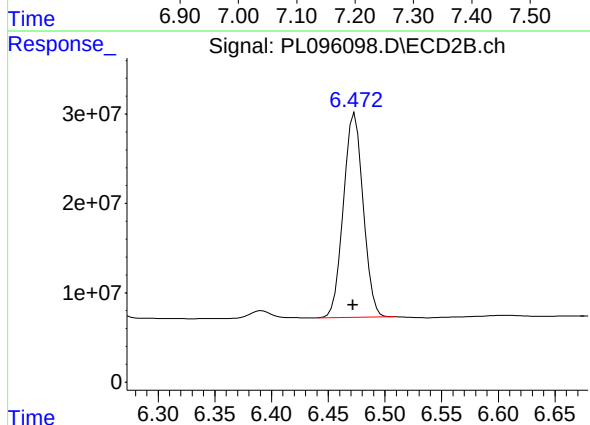
#19 Endosulfan Sulfate

R.T.: 7.181 min
Delta R.T.: 0.005 min
Response: 172306582
Conc: 47.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

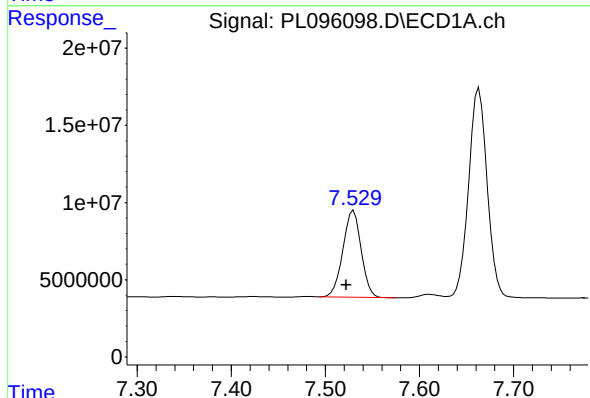
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Supervised By :mohammad ahmed 06/23/2025



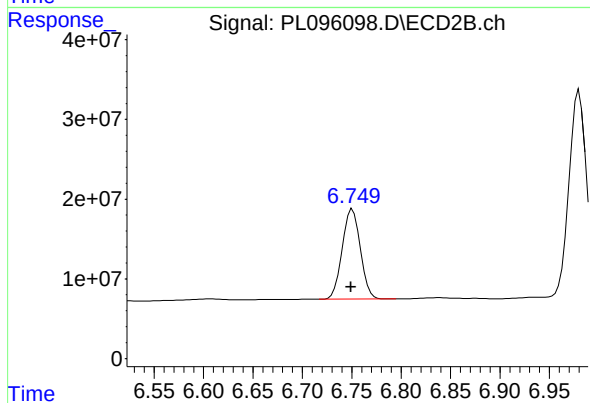
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: 0.002 min
Response: 276668456
Conc: 48.66 ng/ml



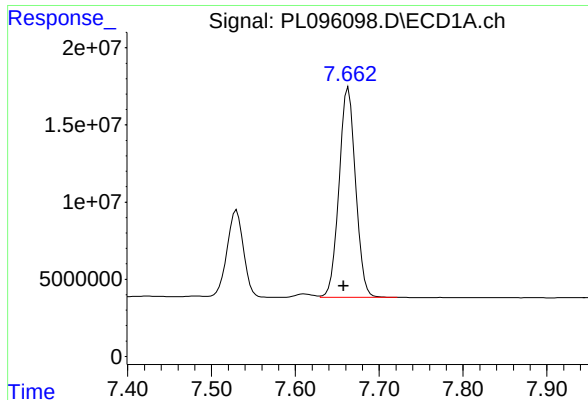
#20 Methoxychlor

R.T.: 7.530 min
Delta R.T.: 0.008 min
Response: 75803199
Conc: 42.57 ng/ml



#20 Methoxychlor

R.T.: 6.751 min
Delta R.T.: 0.001 min
Response: 144260265
Conc: 43.98 ng/ml



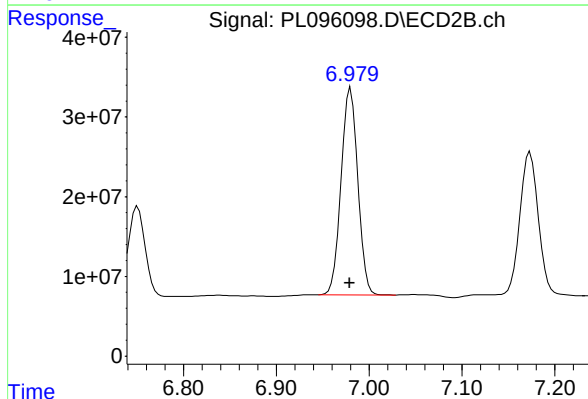
#21 Endrin ketone

R.T.: 7.663 min
Delta R.T.: 0.006 min
Response: 186681997
Conc: 47.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

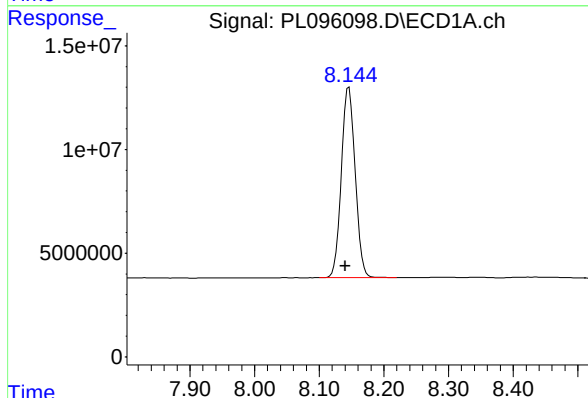
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/19/2025
Supervised By :mohammad ahmed 06/23/2025



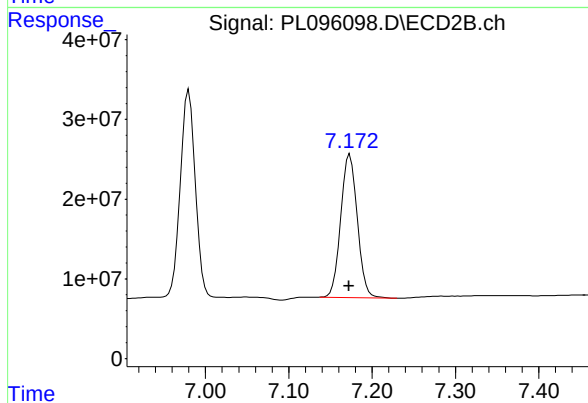
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: 0.002 min
Response: 325117821
Conc: 48.99 ng/ml



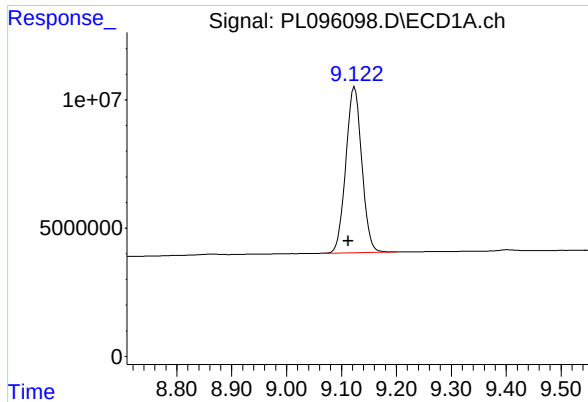
#22 Mirex

R.T.: 8.146 min
Delta R.T.: 0.005 min
Response: 136586164
Conc: 46.10 ng/ml



#22 Mirex

R.T.: 7.173 min
Delta R.T.: 0.001 min
Response: 247771234
Conc: 44.37 ng/ml



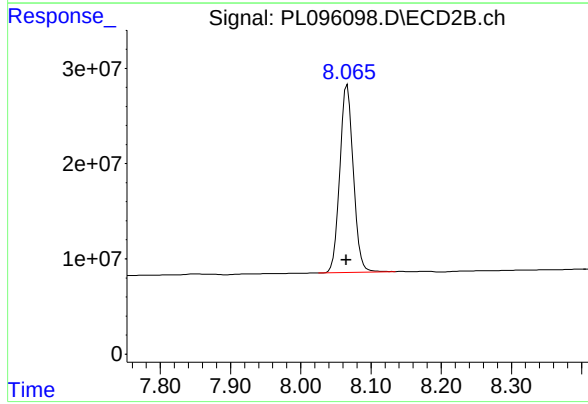
#28 Decachlorobiphenyl

R.T.: 9.124 min
Delta R.T.: 0.011 min
Response: 130659302
Conc: 45.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: 0.002 min
Response: 262955138
Conc: 43.63 ng/ml