

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061725\
 Data File : PL096061.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 13:32
 Operator : AR\AJ
 Sample : PSTDICC025
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/18/2025
 Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 14:02:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 17 13:52:26 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...	3.570	2.881	87055022	113.6E6	24.460	24.364
2) SA Decachlor...	9.111	8.064	70804953	147.9E6	25.674	25.105
Target Compounds						
2) A alpha-BHC	4.021	3.391	132.6E6	169.3E6	23.463	23.241
3) MA gamma-BHC...	4.353	3.724	124.6E6	162.1E6	23.774	23.526
4) MA Heptachlor	4.950	4.076	115.9E6	166.5E6	24.397	24.070
5) MB Aldrin	5.292	4.360	120.4E6	156.3E6	24.137	23.722
6) B beta-BHC	4.540	4.019	54409046	72926092	24.683	24.542
7) B delta-BHC	4.788	4.254	121.5E6	161.8E6	23.600	23.384
8) B Heptachlo...	5.713	4.863	108.4E6	148.3E6	24.585	24.390
9) A Endosulfan I	6.096	5.235	103.3E6	153.0E6	24.759	25.133
10) B gamma-Chl...	5.968	5.115	110.7E6	160.0E6	24.259	24.255
11) B alpha-Chl...	6.049	5.180	110.6E6	162.3E6	24.531	24.700
12) B 4,4'-DDE	6.220	5.368	102.7E6	156.8E6	23.975	24.080
13) MA Dieldrin	6.370	5.501	110.2E6	156.5E6	24.316	23.937
14) MA Endrin	6.597	5.777	90908602	142.4E6	24.494	24.218
15) B Endosulfa...	6.812	6.068	94112711	142.6E6	24.708	24.367m
16) A 4,4'-DDD	6.731	5.922	83507675	130.7E6	24.369	24.017
17) MA 4,4'-DDT	7.047	6.176	83895727	143.6E6	24.393	23.886
18) B Endrin al...	6.941	6.247	69458490	107.5E6	25.378	25.104
19) B Endosulfa...	7.175	6.472	87868032	137.5E6	25.097	24.580
20) A Methoxychlor	7.522	6.749	43776303	80520107	25.608	25.179
21) B Endrin ke...	7.657	6.979	94210958	160.8E6	24.980	24.615
22) Mirex	8.140	7.172	73003366	134.1E6	26.026	25.708

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061725\
Data File : PL096061.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 13:32
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC025

Manual Integrations

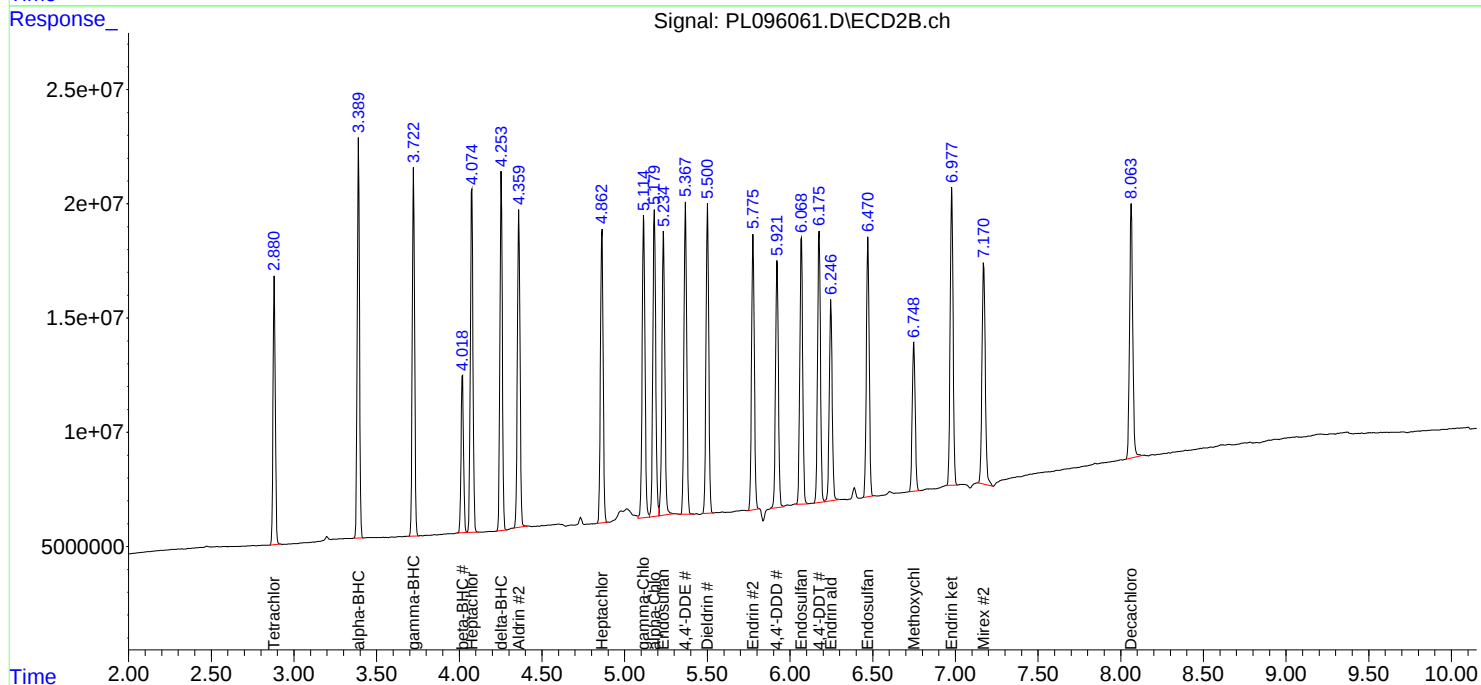
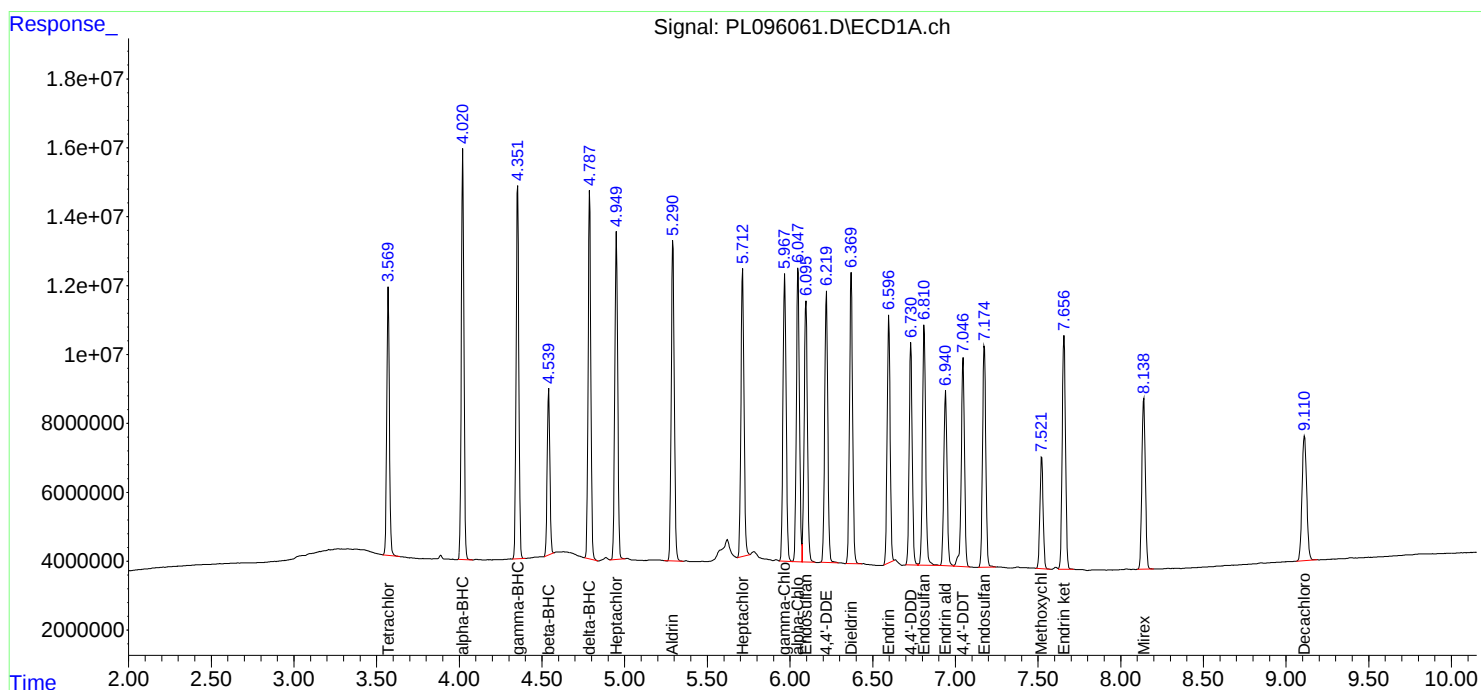
APPROVED

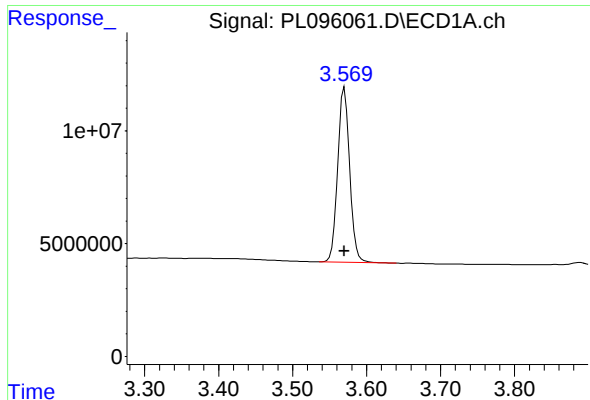
Reviewed By :Abdul Mirza 06/18/2025

Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 14:02:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061725.M
Quant Title : GC Extractables
QLast Update : Tue Jun 17 13:52:26 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





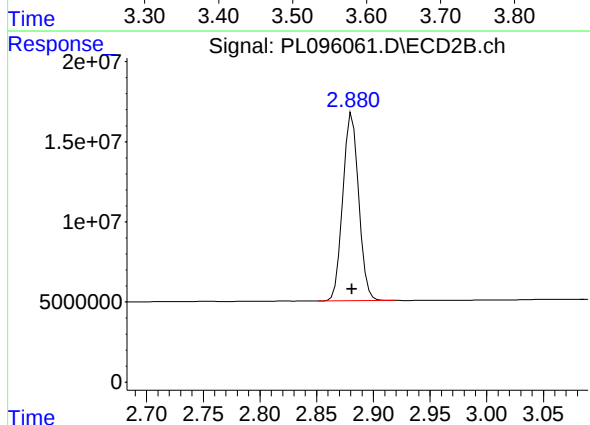
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: 0.000 min
Response: 87055022
Conc: 24.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

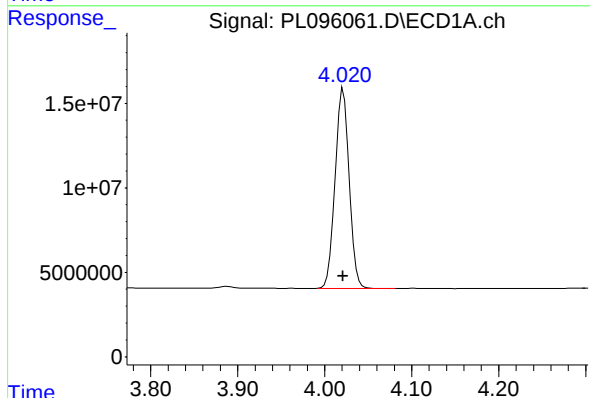
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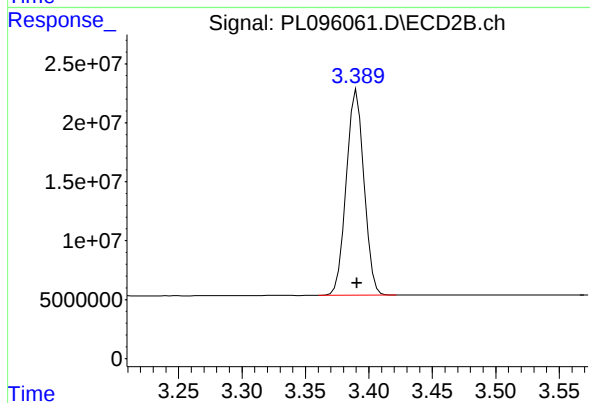
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 113637170
Conc: 24.36 ng/ml



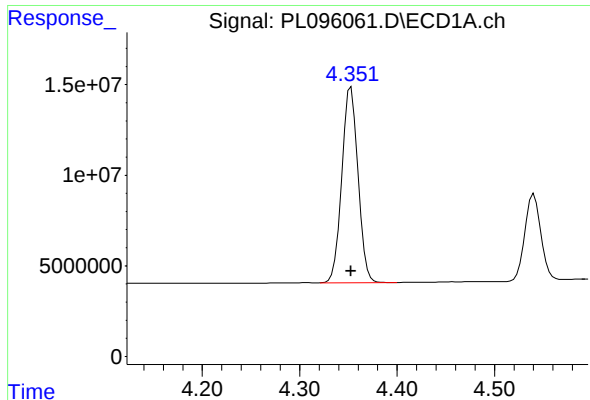
#2 alpha-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 132626363
Conc: 23.46 ng/ml



#2 alpha-BHC

R.T.: 3.391 min
Delta R.T.: 0.000 min
Response: 169318012
Conc: 23.24 ng/ml



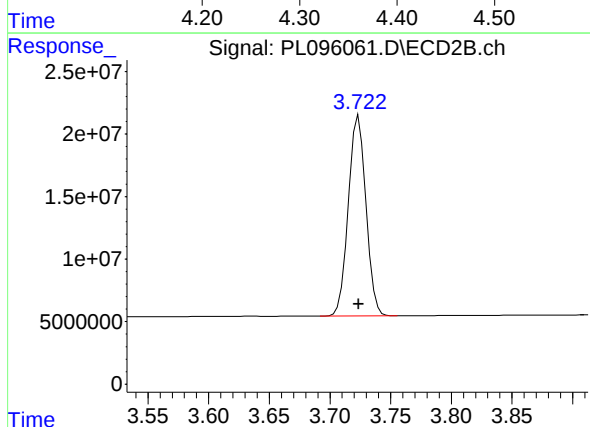
#3 gamma-BHC (Lindane)

R.T.: 4.353 min
Delta R.T.: 0.000 min
Response: 124627283
Conc: 23.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

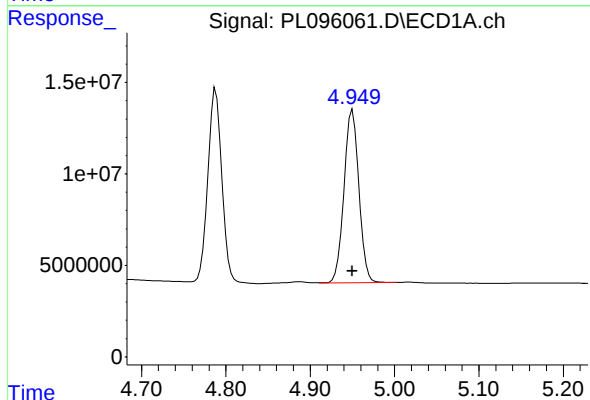
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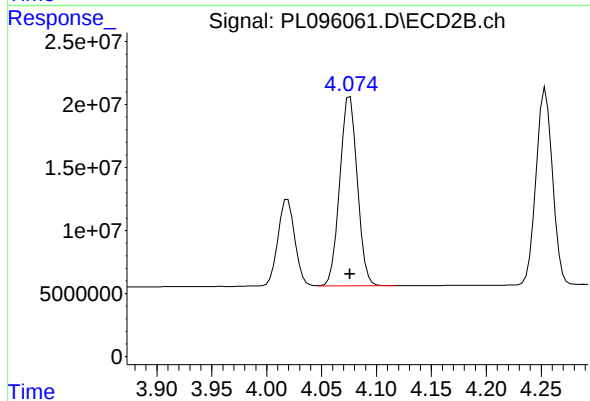
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: 0.000 min
Response: 162073624
Conc: 23.53 ng/ml



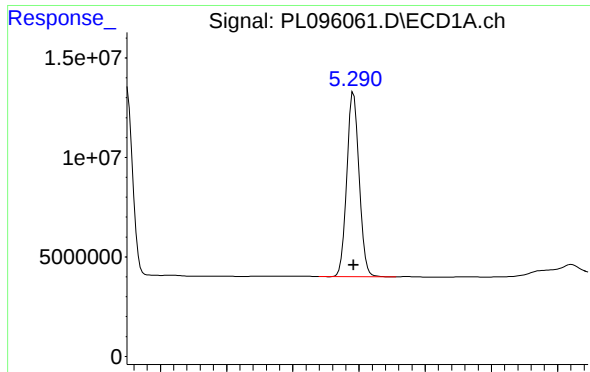
#4 Heptachlor

R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 115910820
Conc: 24.40 ng/ml



#4 Heptachlor

R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 166461281
Conc: 24.07 ng/ml



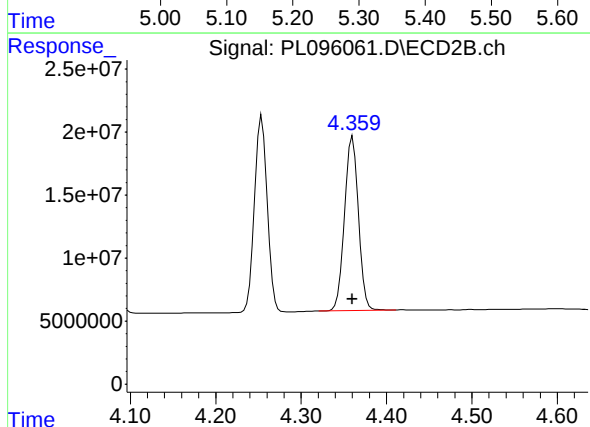
#5 Aldrin

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 120414516
Conc: 24.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

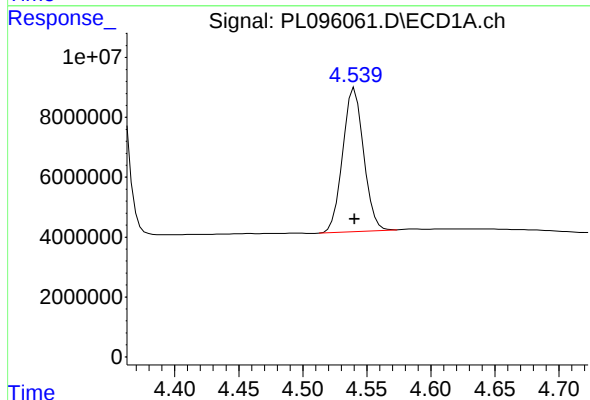
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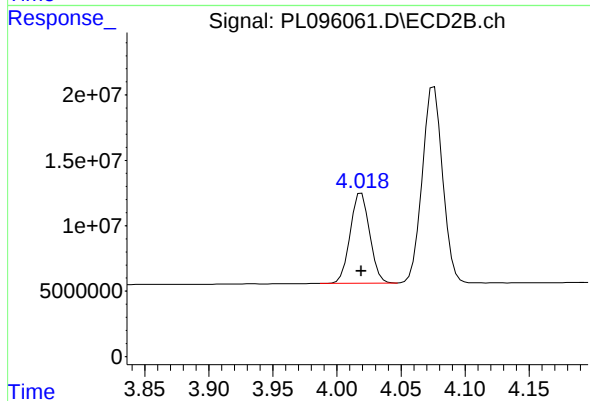
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 156275503
Conc: 23.72 ng/ml



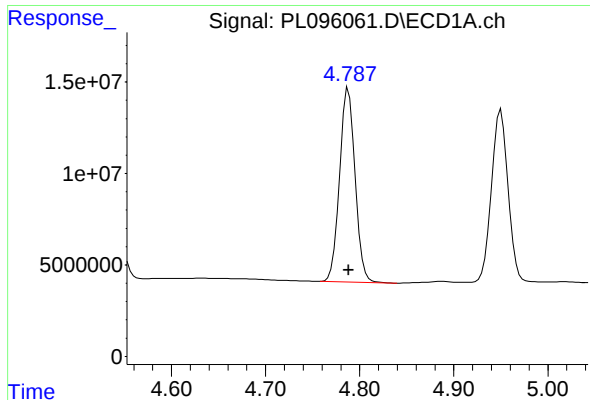
#6 beta-BHC

R.T.: 4.540 min
Delta R.T.: 0.000 min
Response: 54409046
Conc: 24.68 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 72926092
Conc: 24.54 ng/ml



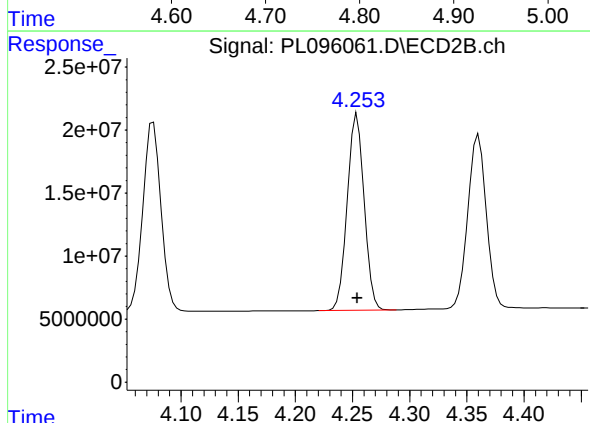
#7 delta-BHC

R.T.: 4.788 min
Delta R.T.: 0.000 min
Response: 121527180
Conc: 23.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

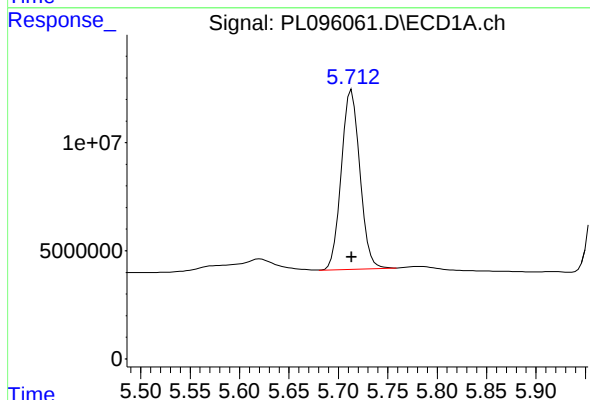
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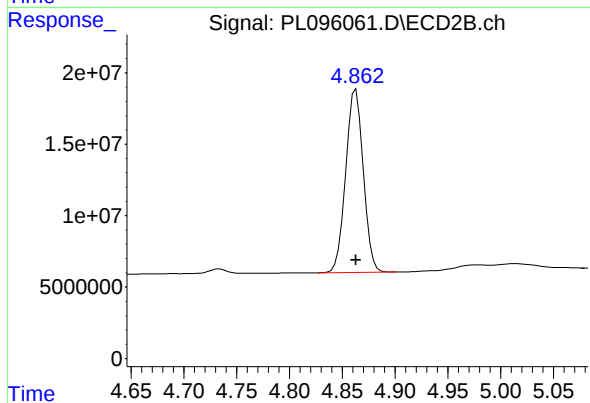
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: 0.000 min
Response: 161826373
Conc: 23.38 ng/ml



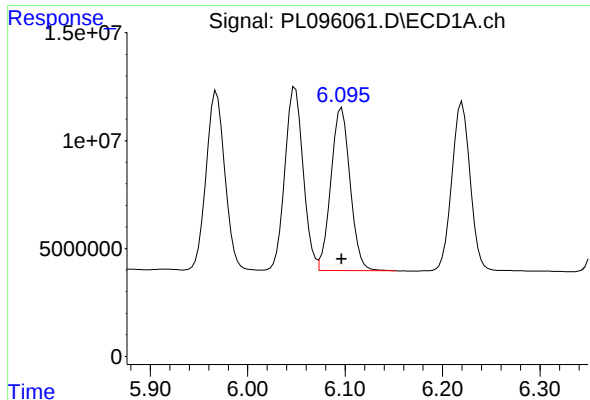
#8 Heptachlor epoxide

R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 108388777
Conc: 24.58 ng/ml



#8 Heptachlor epoxide

R.T.: 4.863 min
Delta R.T.: 0.000 min
Response: 148280748
Conc: 24.39 ng/ml



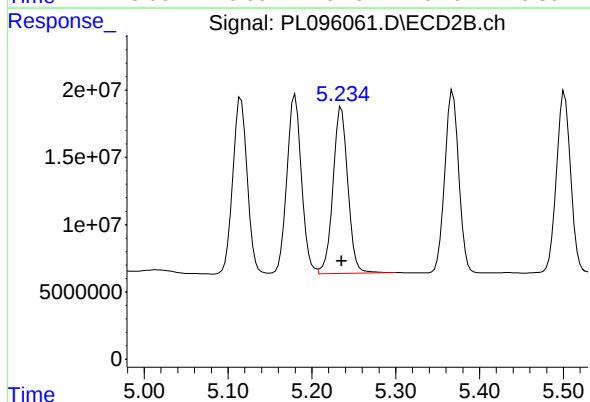
#9 Endosulfan I

R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 103318888
Conc: 24.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

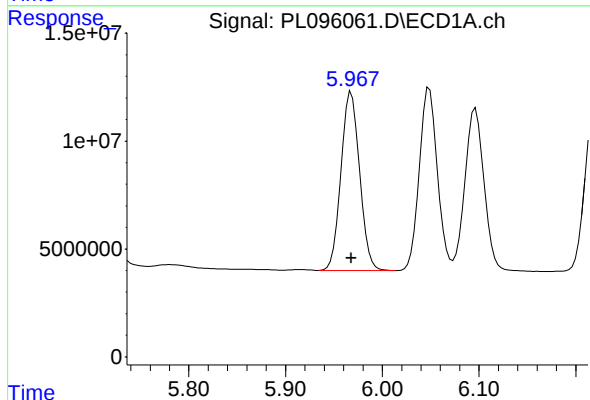
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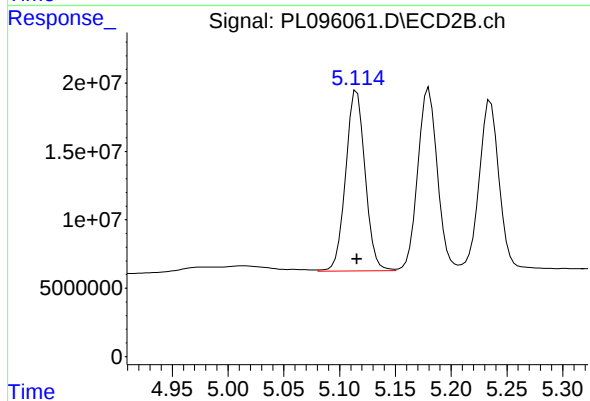
#9 Endosulfan I

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 153038091
Conc: 25.13 ng/ml



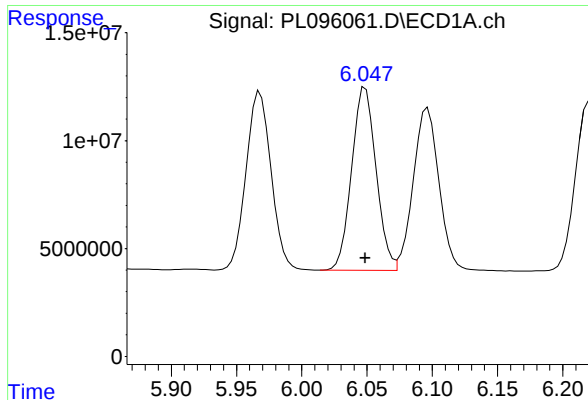
#10 gamma-Chlordane

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 110688441
Conc: 24.26 ng/ml



#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 159958753
Conc: 24.25 ng/ml



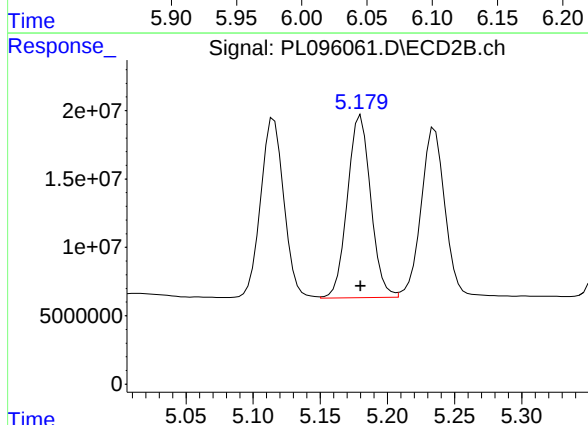
#11 alpha-Chlordane

R.T.: 6.049 min
Delta R.T.: 0.000 min
Response: 110607129
Conc: 24.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

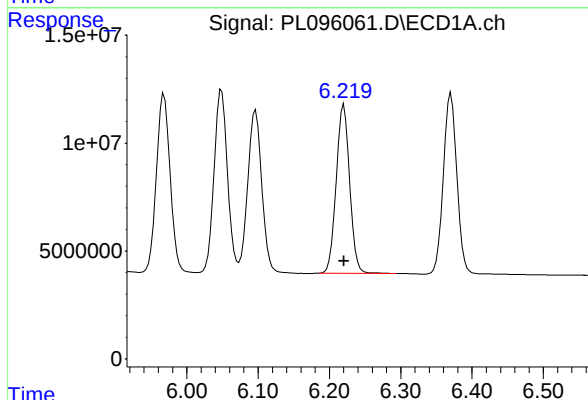
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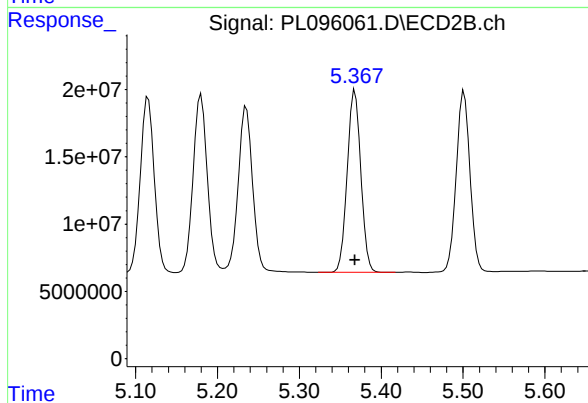
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: 0.000 min
Response: 162321081
Conc: 24.70 ng/ml



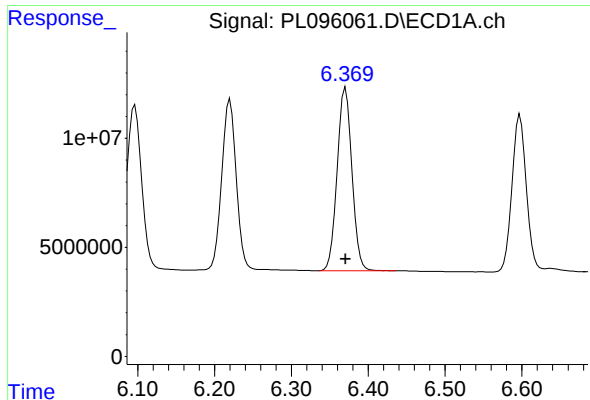
#12 4,4'-DDE

R.T.: 6.220 min
Delta R.T.: 0.000 min
Response: 102717415
Conc: 23.97 ng/ml



#12 4,4'-DDE

R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 156830652
Conc: 24.08 ng/ml



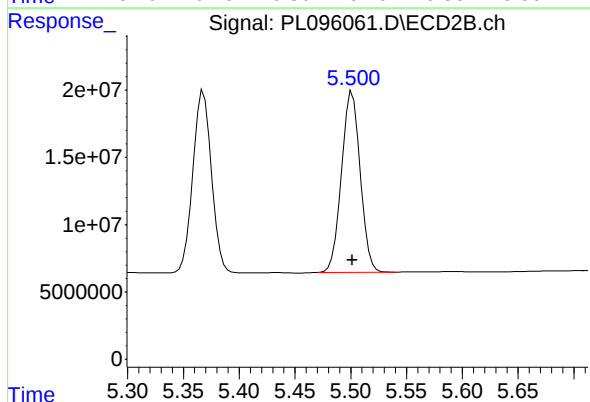
#13 Dieldrin

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 110239187
Conc: 24.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

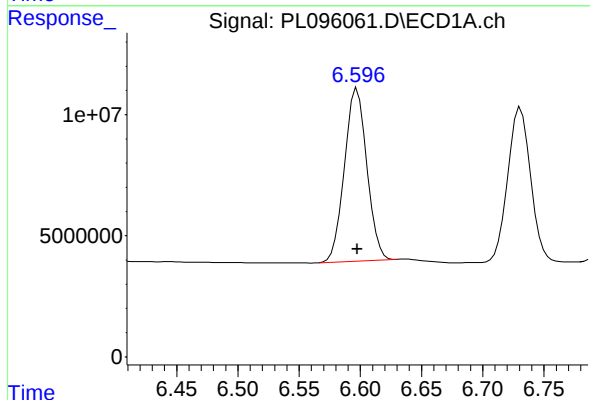
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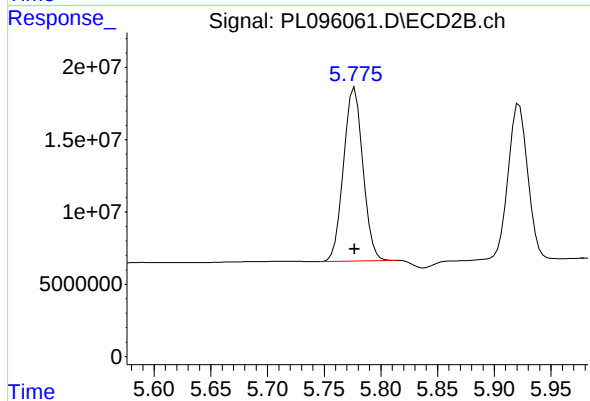
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 156511671
Conc: 23.94 ng/ml



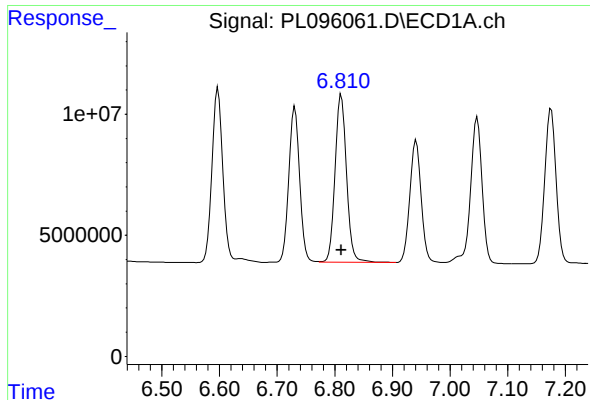
#14 Endrin

R.T.: 6.597 min
Delta R.T.: 0.000 min
Response: 90908602
Conc: 24.49 ng/ml



#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 142411649
Conc: 24.22 ng/ml



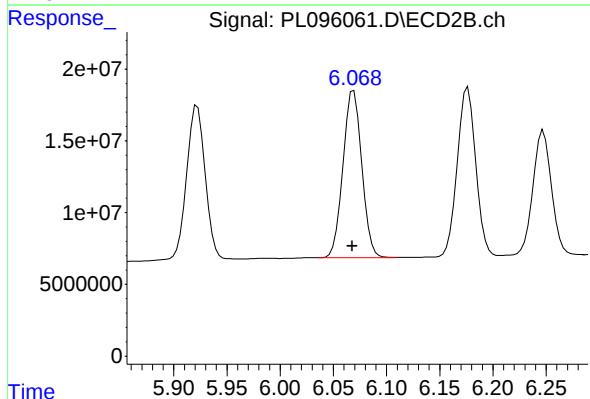
#15 Endosulfan II

R.T.: 6.812 min
Delta R.T.: 0.000 min
Response: 94112711
Conc: 24.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

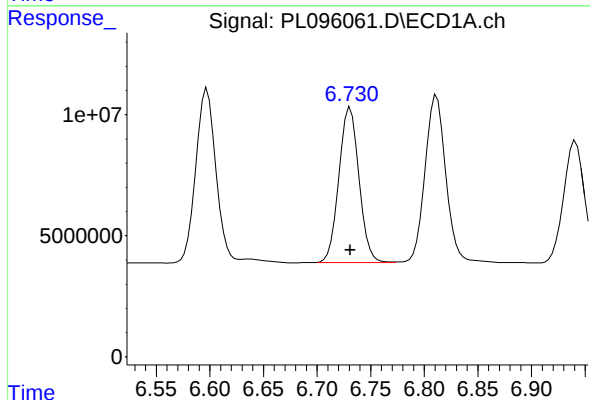
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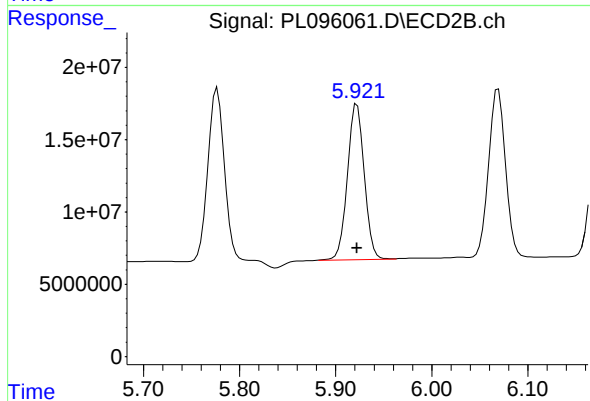
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 142576213
Conc: 24.37 ng/ml



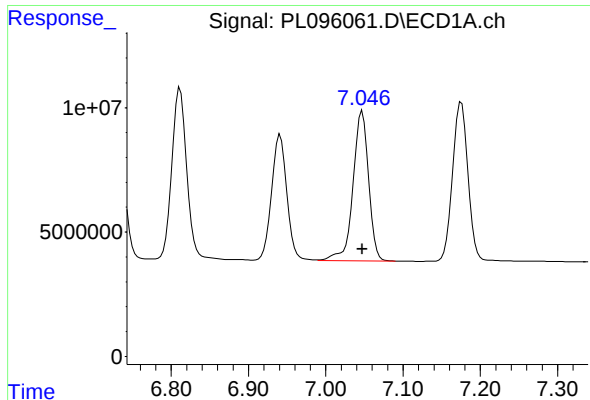
#16 4,4'-DDD

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 83507675
Conc: 24.37 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 130737611
Conc: 24.02 ng/ml



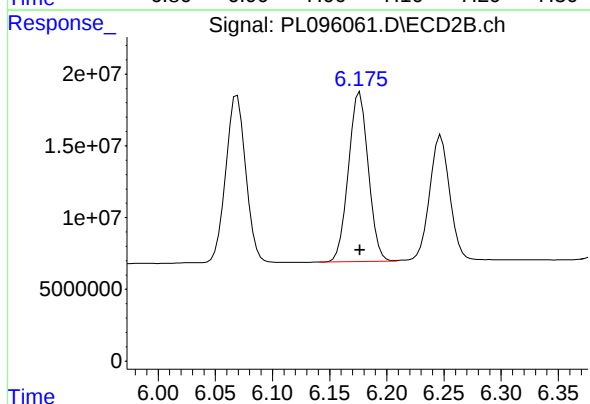
#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: 0.000 min
Response: 83895727
Conc: 24.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

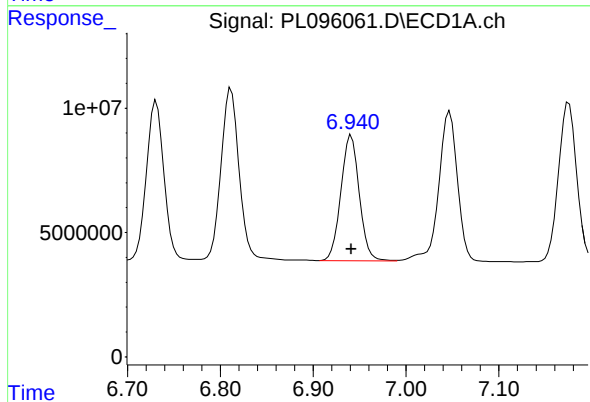
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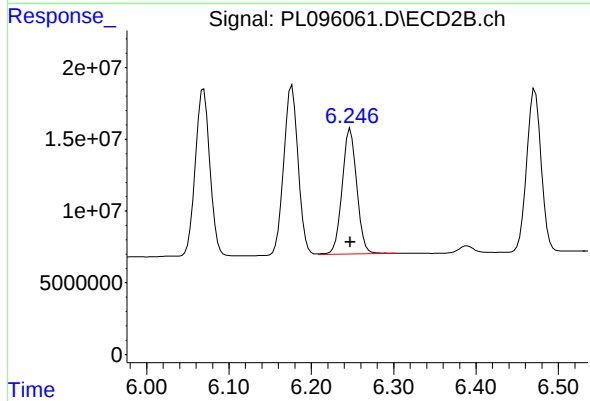
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 143576451
Conc: 23.89 ng/ml



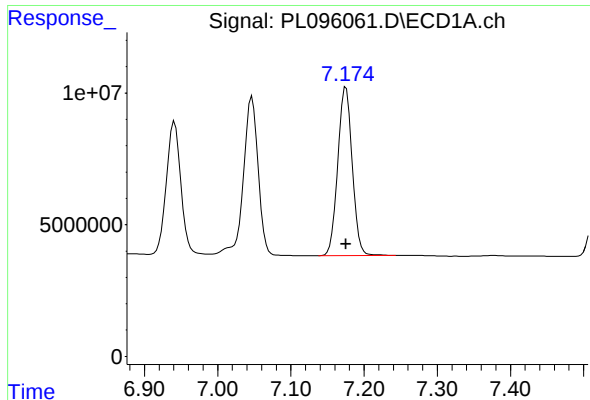
#18 Endrin aldehyde

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 69458490
Conc: 25.38 ng/ml



#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: 0.000 min
Response: 107528327
Conc: 25.10 ng/ml



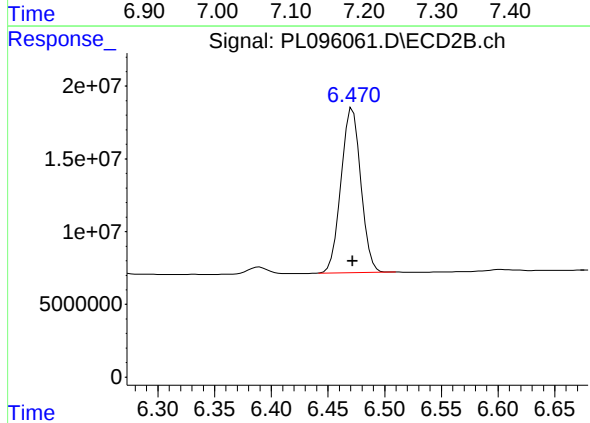
#19 Endosulfan Sulfate

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 87868032
Conc: 25.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

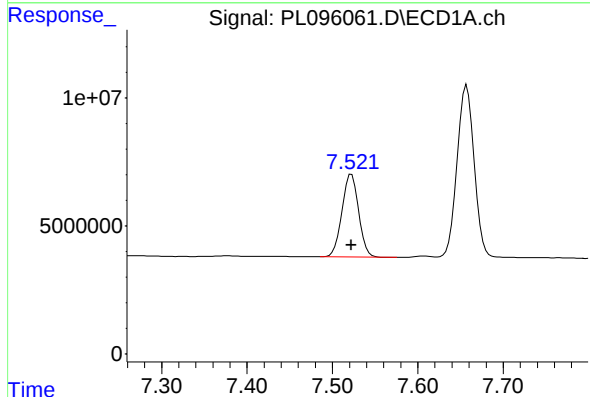
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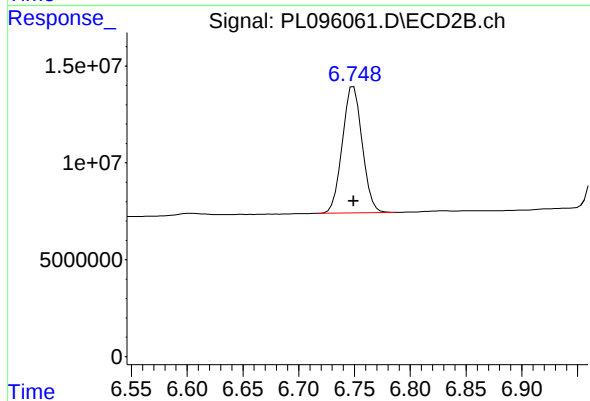
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 137495412
Conc: 24.58 ng/ml



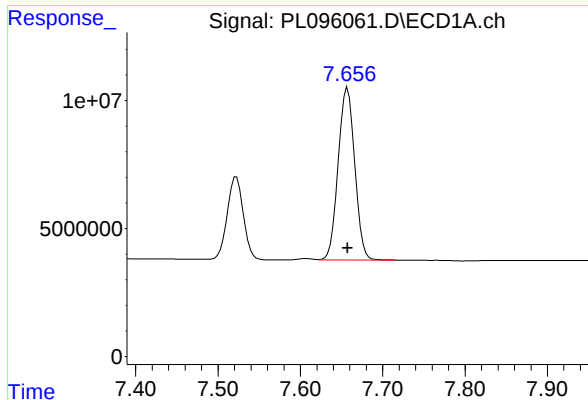
#20 Methoxychlor

R.T.: 7.522 min
Delta R.T.: 0.000 min
Response: 43776303
Conc: 25.61 ng/ml



#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 80520107
Conc: 25.18 ng/ml



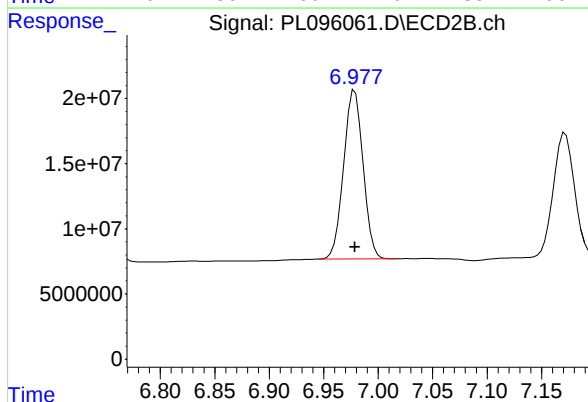
#21 Endrin ketone

R.T.: 7.657 min
Delta R.T.: 0.000 min
Response: 94210958
Conc: 24.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

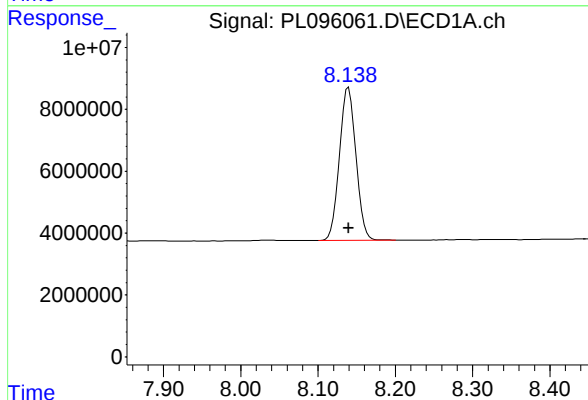
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/18/2025
Supervised By :mohammad ahmed 06/19/2025



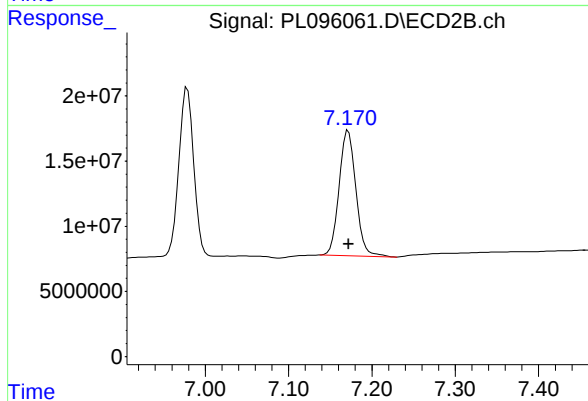
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 160821776
Conc: 24.62 ng/ml



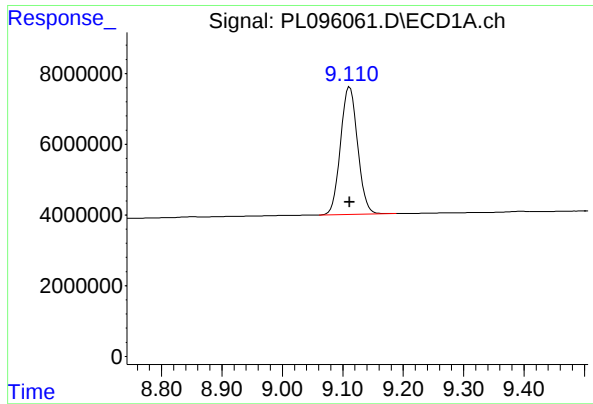
#22 Mirex

R.T.: 8.140 min
Delta R.T.: 0.000 min
Response: 73003366
Conc: 26.03 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 134057057
Conc: 25.71 ng/ml



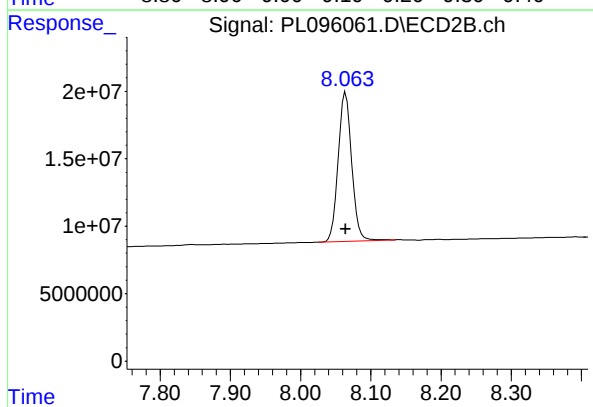
#28 Decachlorobiphenyl

R.T.: 9.111 min
Delta R.T.: 0.000 min
Response: 70804953
Conc: 25.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

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#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: 0.000 min
Response: 147904785
Conc: 25.11 ng/ml