

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062325\
 Data File : PL096139.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jun 2025 11:56
 Operator : AR\AJ
 Sample : PSTDICC075
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC075

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/25/2025
 Supervised By : mohammad ahmed 06/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 23 12:59:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 23 12:55:30 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...	3.575	2.879	239.1E6	307.0E6	68.938	68.742
28) SA Decachlor...	9.134	8.065	181.0E6	369.6E6	69.731	69.107
Target Compounds						
2) A alpha-BHC	4.027	3.389	385.7E6	480.6E6	69.007	68.617
3) MA gamma-BHC...	4.359	3.722	355.9E6	450.4E6	68.968	68.557
4) MA Heptachlor	4.956	4.074	321.6E6	446.3E6	69.191	68.723
5) MB Aldrin	5.299	4.359	328.8E6	419.4E6	68.843	68.301
6) B beta-BHC	4.547	4.018	147.7E6	191.4E6	69.138	68.699
7) B delta-BHC	4.794	4.253	347.1E6	454.4E6	69.089	68.786
8) B Heptachlo...	5.719	4.860	297.4E6	411.2E6	69.835	70.935m
9) A Endosulfan I	6.103	5.234	277.5E6	381.1E6	69.465	68.517
10) B gamma-Chl...	5.974	5.114	305.5E6	424.5E6	69.577	68.577
11) B alpha-Chl...	6.056	5.179	299.3E6	415.5E6	69.256	68.620
12) B 4,4'-DDE	6.227	5.367	283.2E6	418.3E6	69.326	68.996
13) MA Dieldrin	6.377	5.500	301.6E6	418.4E6	69.314	68.663
14) MA Endrin	6.605	5.777	248.2E6	382.0E6	69.248	68.931
15) B Endosulfa...	6.819	6.069	261.8E6	374.9E6	70.247	69.072
16) A 4,4'-DDD	6.739	5.922	234.7E6	300.0E6	70.159	61.888
17) MA 4,4'-DDT	7.056	6.176	229.3E6	391.3E6	69.604	69.255
18) B Endrin al...	6.948	6.248	183.2E6	273.5E6	71.269	69.825
19) B Endosulfa...	7.183	6.472	230.6E6	358.0E6	69.353	69.012
20) A Methoxychlor	7.535	6.749	113.3E6	203.0E6	69.701	69.232
21) B Endrin ke...	7.666	6.979	247.5E6	416.8E6	69.472	69.368
22) Mirex	8.150	7.172	181.1E6	324.6E6	69.453	69.165

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062325\
Data File : PL096139.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 2025 11:56
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC075

Manual Integrations

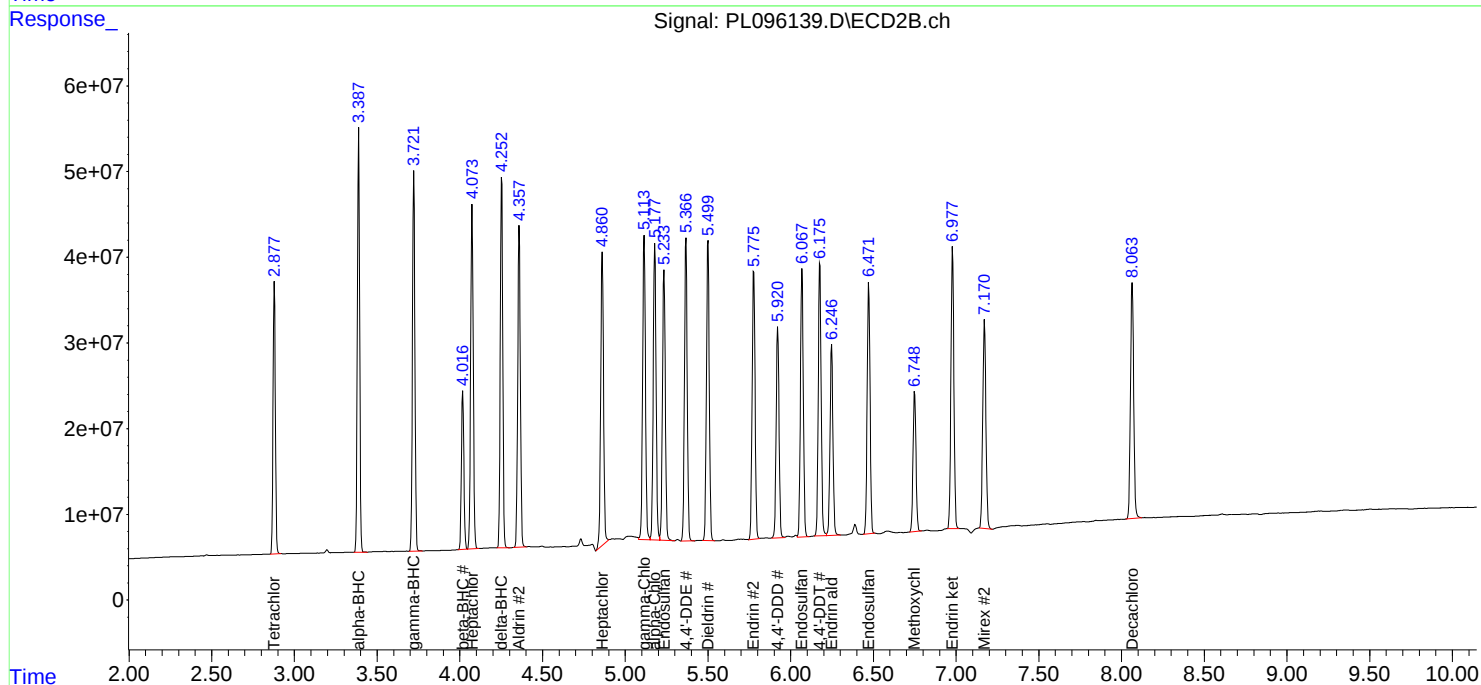
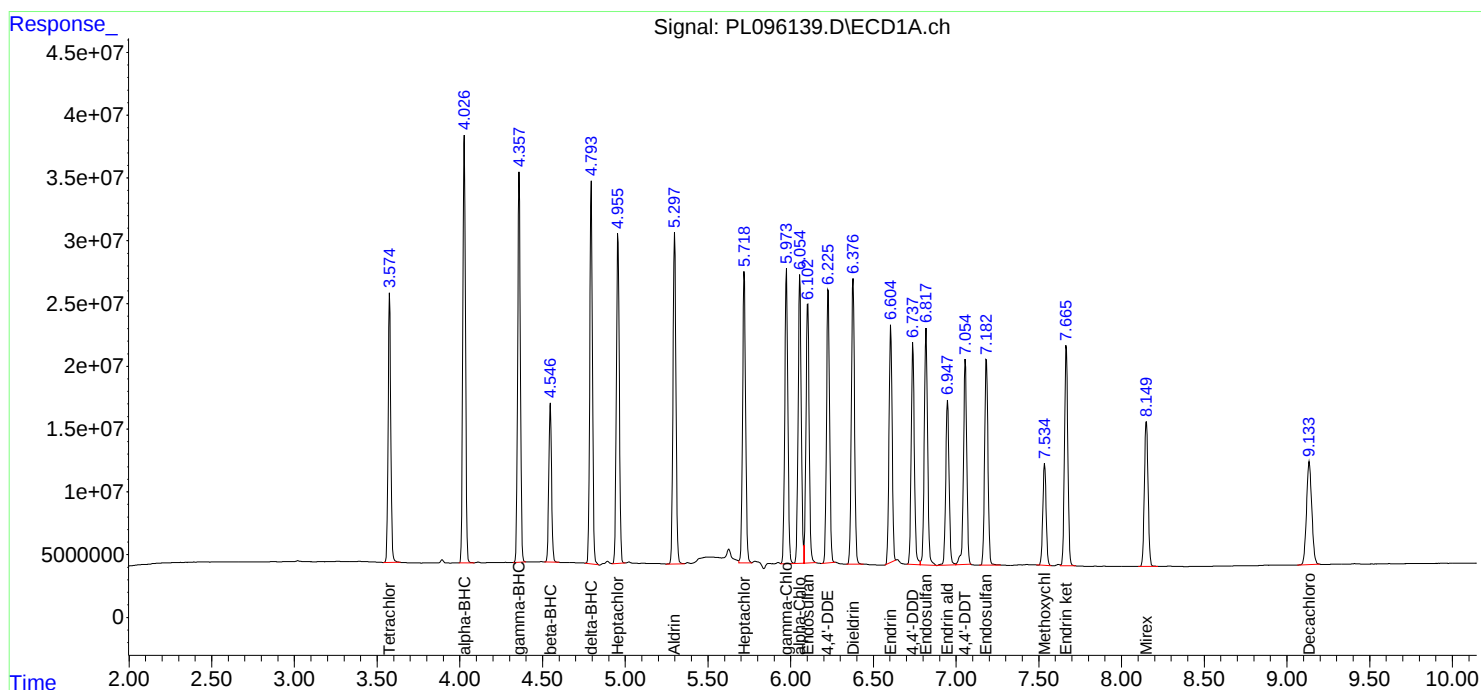
APPROVED

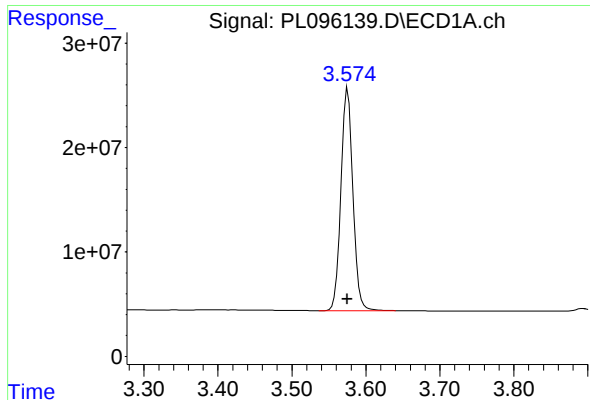
Reviewed By :Abdul Mirza 06/25/2025

Supervised By :mohammad ahmed 06/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 23 12:59:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 23 12:55:30 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





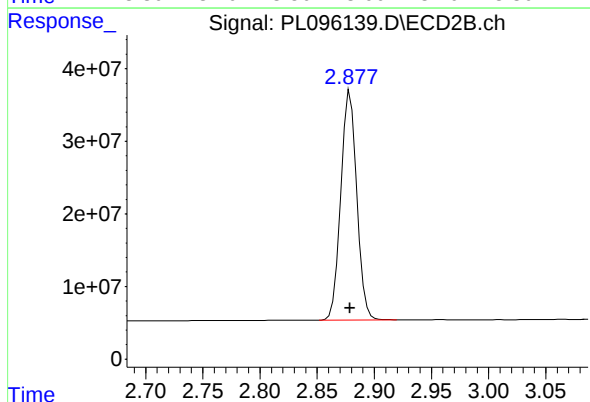
#1 Tetrachloro-m-xylene

R.T.: 3.575 min
Delta R.T.: 0.000 min
Response: 239094741
Conc: 68.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

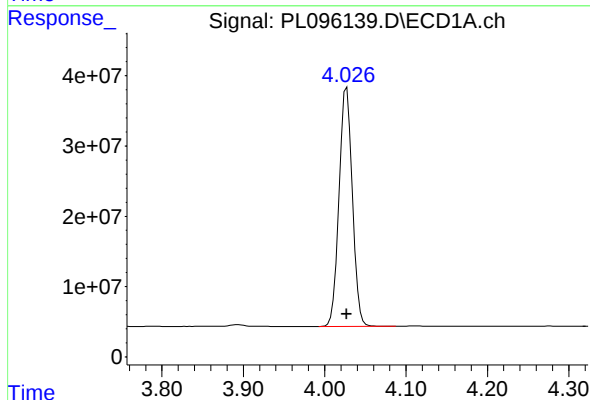
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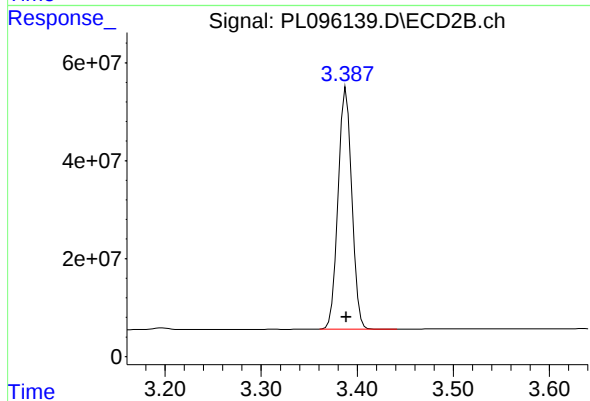
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: 0.000 min
Response: 306970518
Conc: 68.74 ng/ml



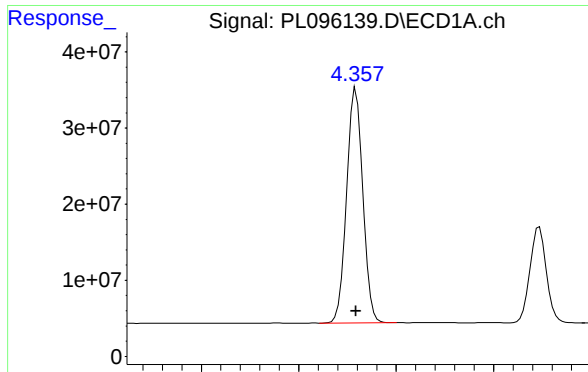
#2 alpha-BHC

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 385685246
Conc: 69.01 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 480585865
Conc: 68.62 ng/ml



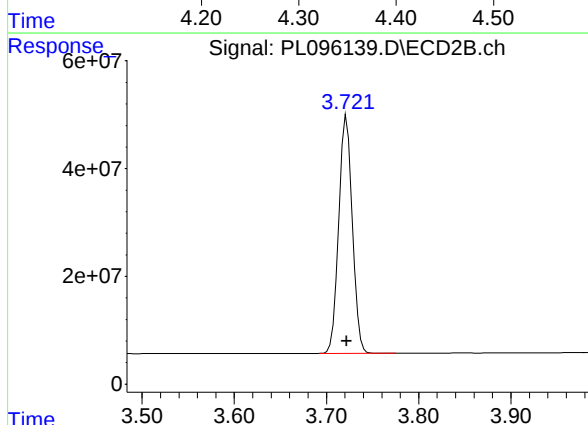
#3 gamma-BHC (Lindane)

R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 355943806
Conc: 68.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

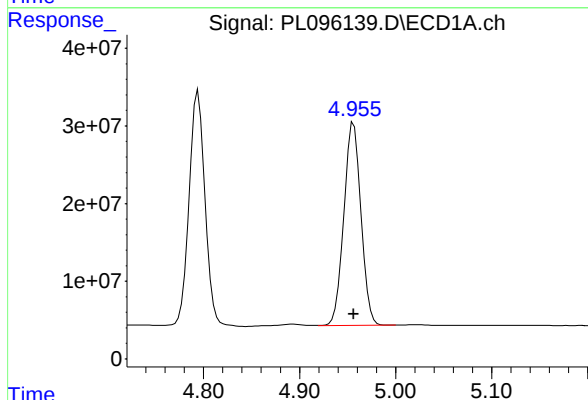
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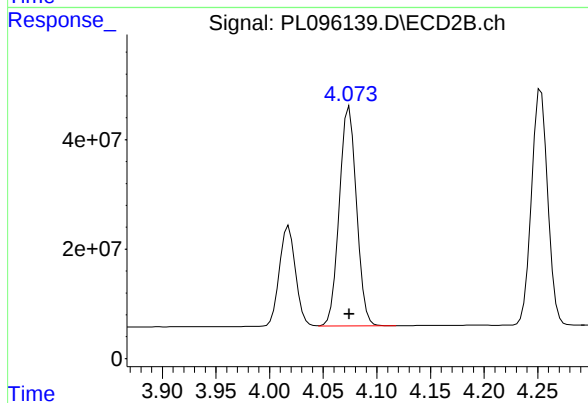
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 450359735
Conc: 68.56 ng/ml



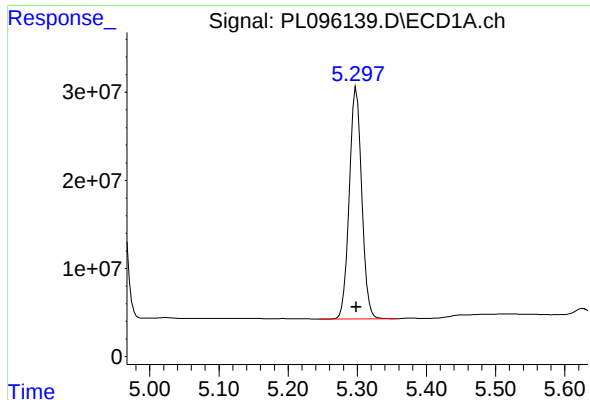
#4 Heptachlor

R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 321560831
Conc: 69.19 ng/ml



#4 Heptachlor

R.T.: 4.074 min
Delta R.T.: 0.000 min
Response: 446304492
Conc: 68.72 ng/ml



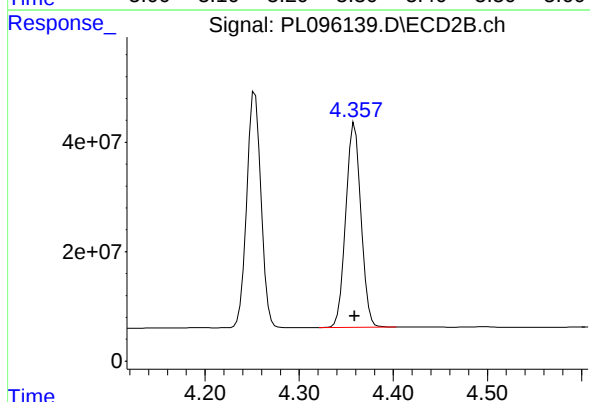
#5 Aldrin

R.T.: 5.299 min
Delta R.T.: 0.000 min
Response: 328814070
Conc: 68.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

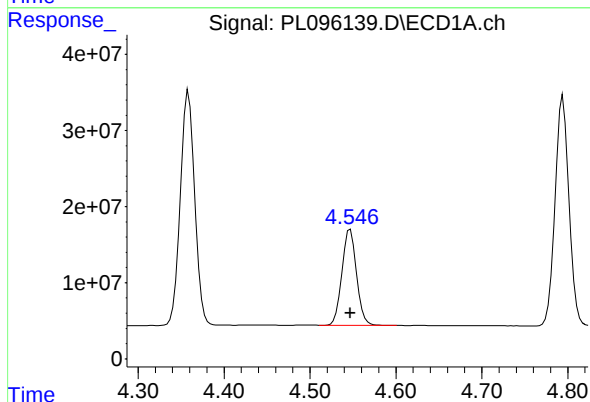
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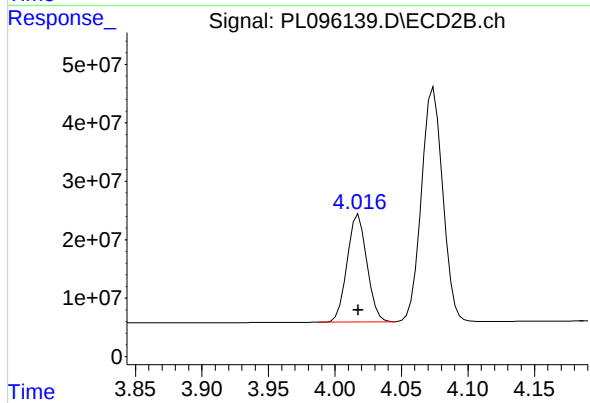
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 419388627
Conc: 68.30 ng/ml



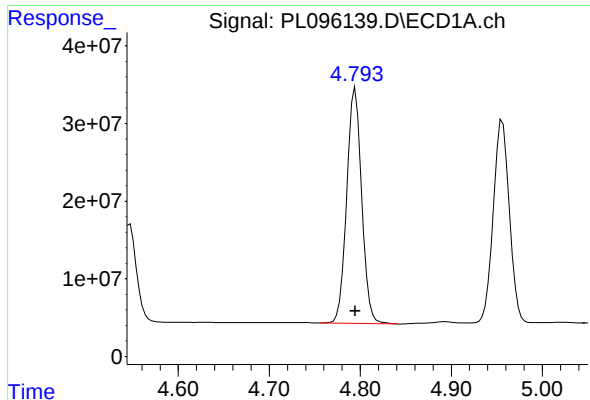
#6 beta-BHC

R.T.: 4.547 min
Delta R.T.: 0.000 min
Response: 147737605
Conc: 69.14 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 191361221
Conc: 68.70 ng/ml



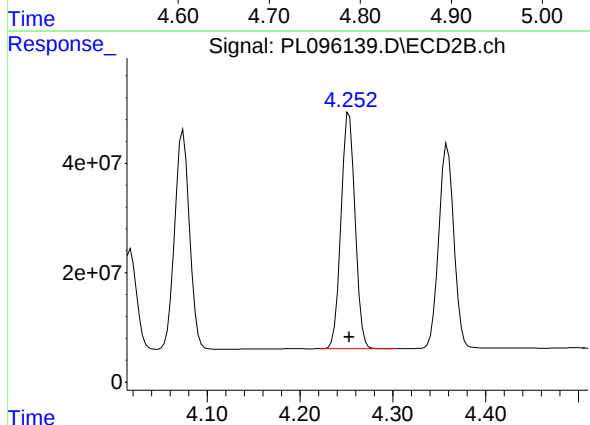
#7 delta-BHC

R.T.: 4.794 min
Delta R.T.: 0.000 min
Response: 347052810
Conc: 69.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

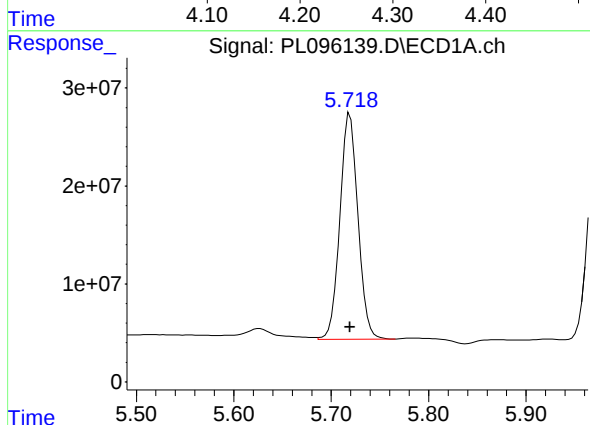
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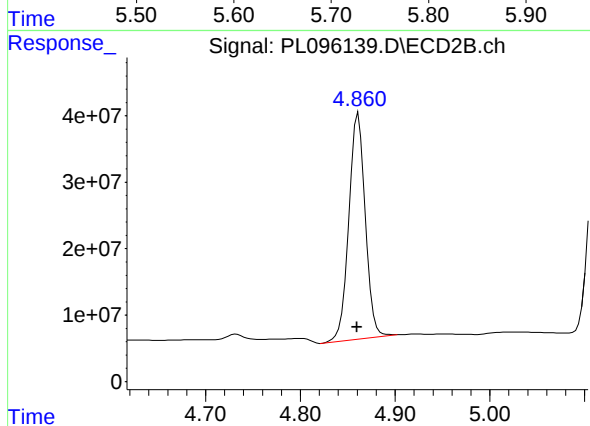
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: 0.000 min
Response: 454377430
Conc: 68.79 ng/ml



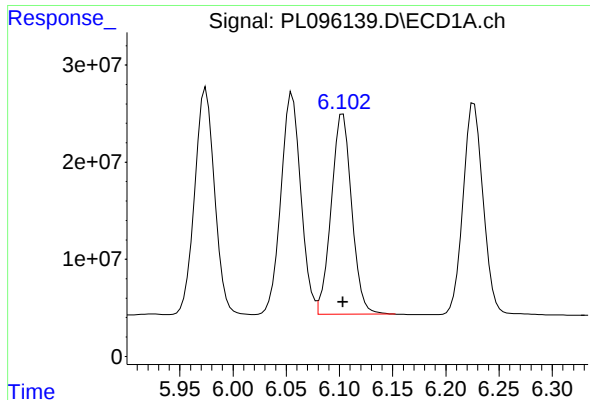
#8 Heptachlor epoxide

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 297418578
Conc: 69.84 ng/ml



#8 Heptachlor epoxide

R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 411241122
Conc: 70.94 ng/ml m



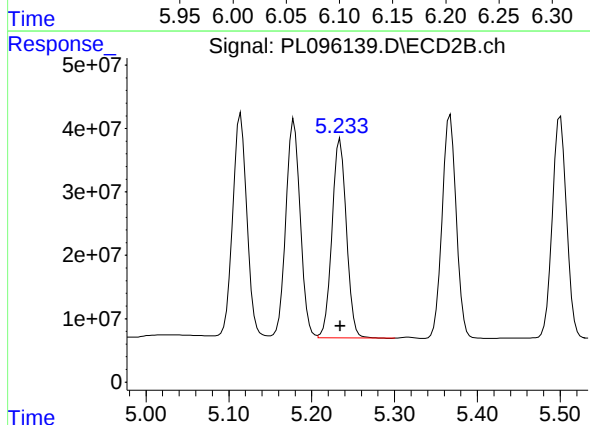
#9 Endosulfan I

R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 277472716
Conc: 69.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

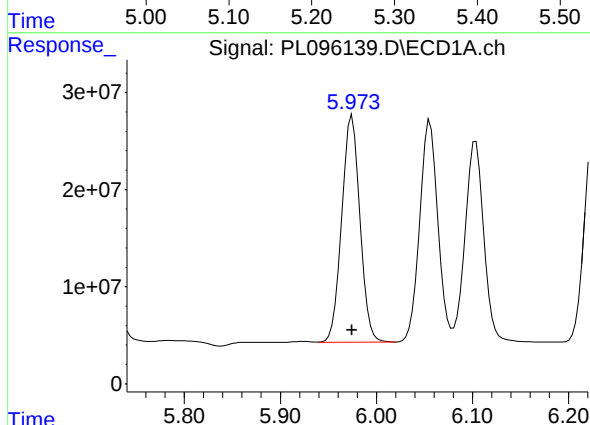
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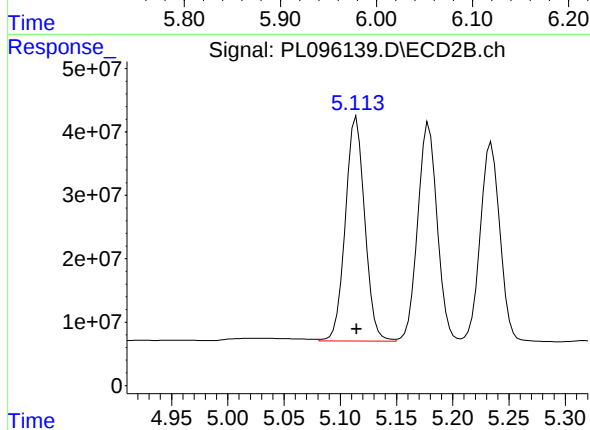
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: 0.000 min
Response: 381074954
Conc: 68.52 ng/ml



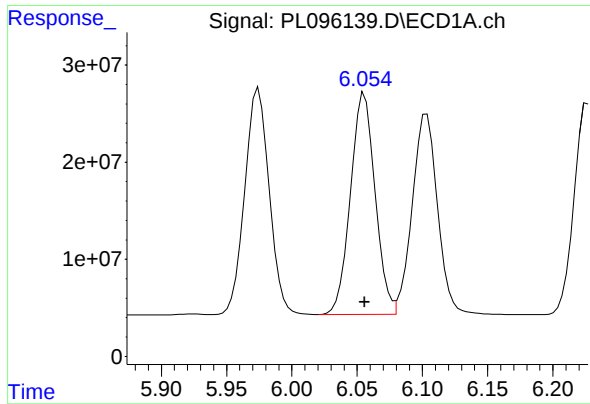
#10 gamma-Chlordane

R.T.: 5.974 min
Delta R.T.: 0.000 min
Response: 305488288
Conc: 69.58 ng/ml



#10 gamma-Chlordane

R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 424549260
Conc: 68.58 ng/ml



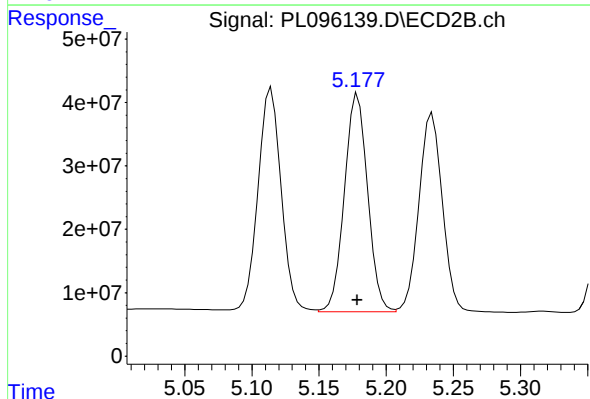
#11 alpha-Chlordane

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 299315303
Conc: 69.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

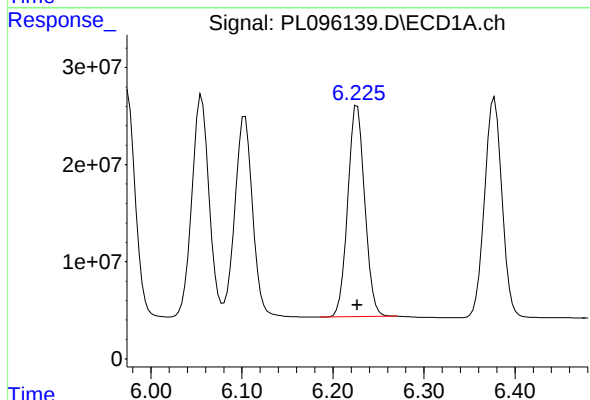
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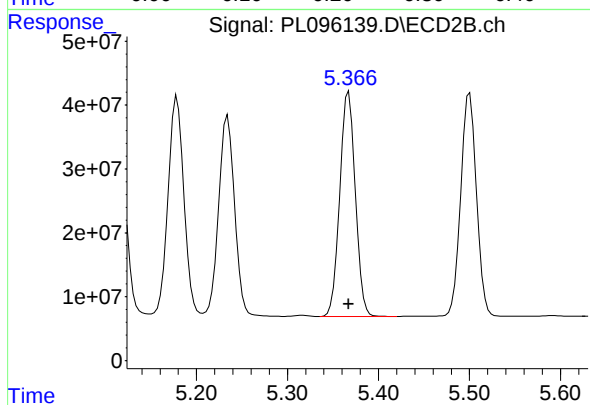
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: 0.000 min
Response: 415518337
Conc: 68.62 ng/ml



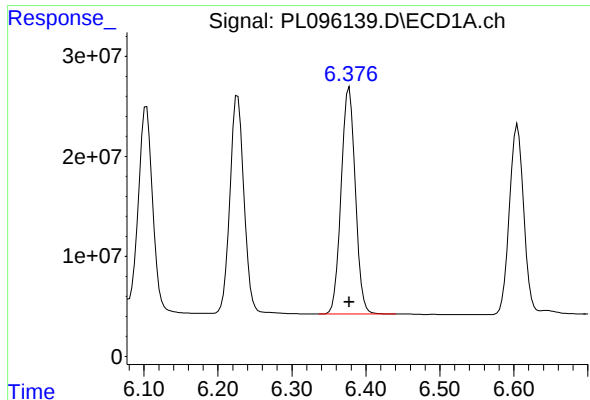
#12 4,4'-DDE

R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 283223303
Conc: 69.33 ng/ml



#12 4,4'-DDE

R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 418294222
Conc: 69.00 ng/ml



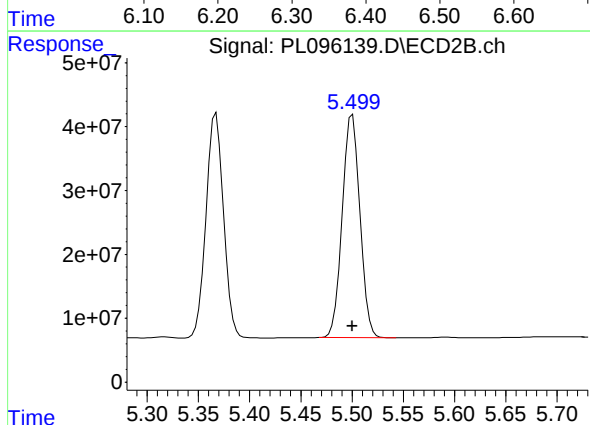
#13 Dieldrin

R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 301620583
Conc: 69.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

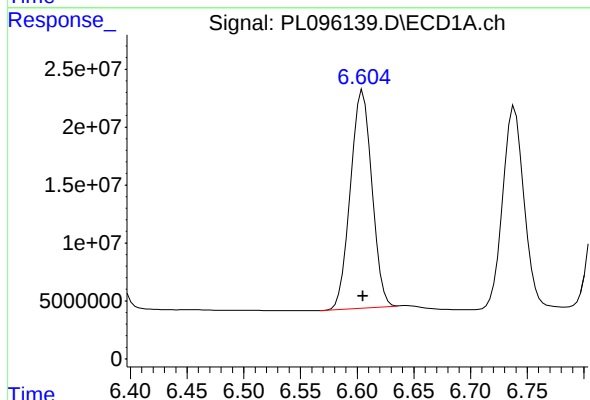
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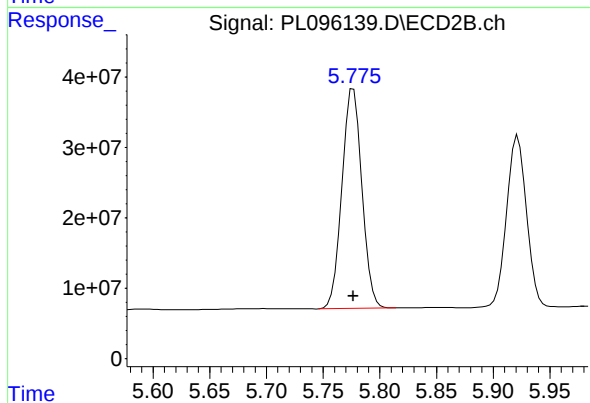
#13 Dieldrin

R.T.: 5.500 min
Delta R.T.: 0.000 min
Response: 418397366
Conc: 68.66 ng/ml



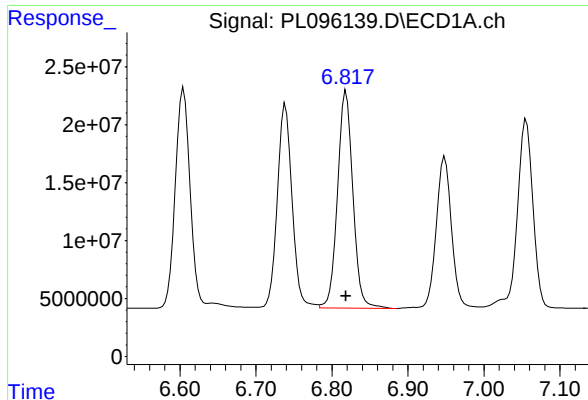
#14 Endrin

R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 248238764
Conc: 69.25 ng/ml



#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 382035807
Conc: 68.93 ng/ml



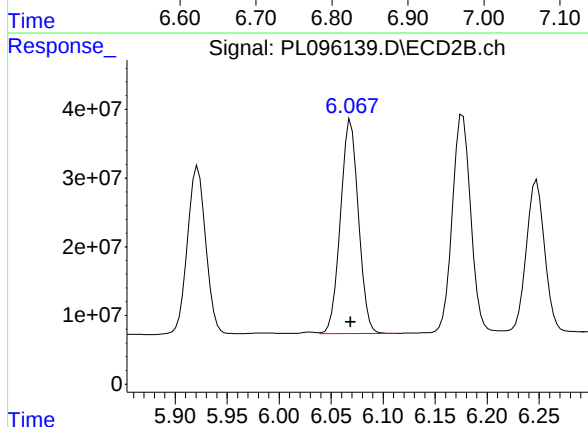
#15 Endosulfan II

R.T.: 6.819 min
Delta R.T.: 0.000 min
Response: 261766575
Conc: 70.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

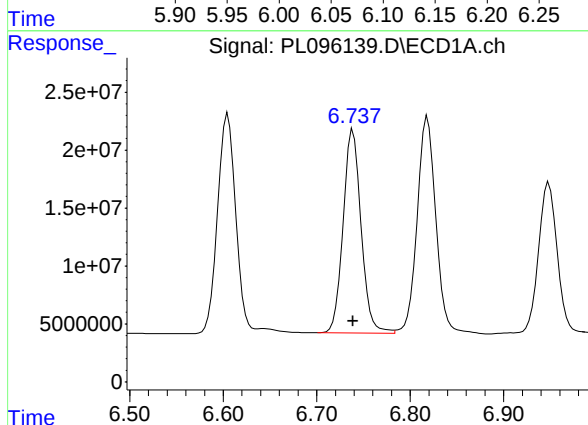
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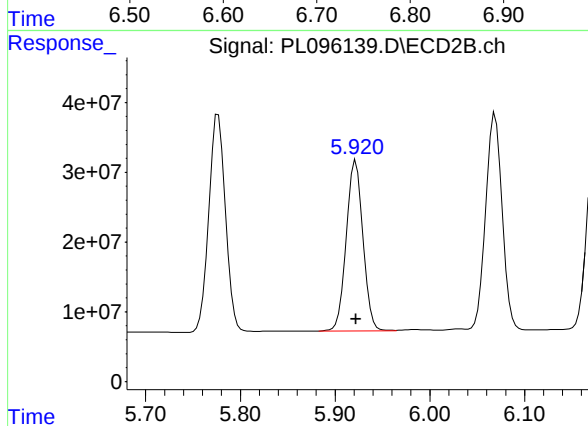
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 374865470
Conc: 69.07 ng/ml



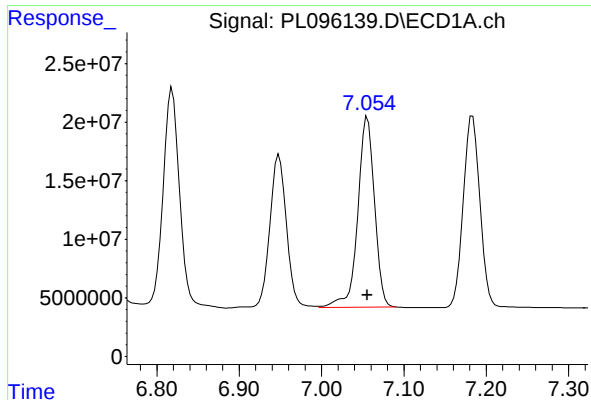
#16 4,4'-DDD

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 234730027
Conc: 70.16 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 299981352
Conc: 61.89 ng/ml



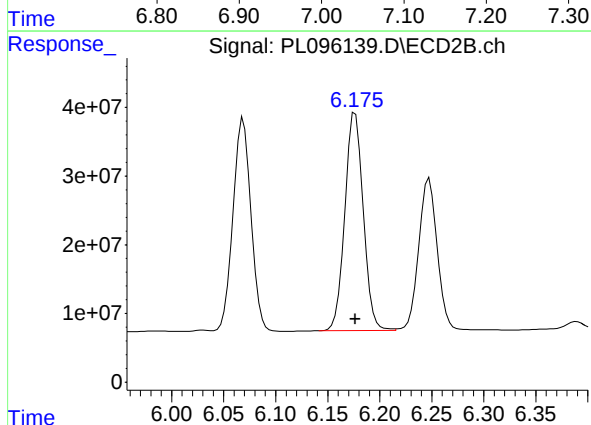
#17 4,4'-DDT

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 229348516
Conc: 69.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

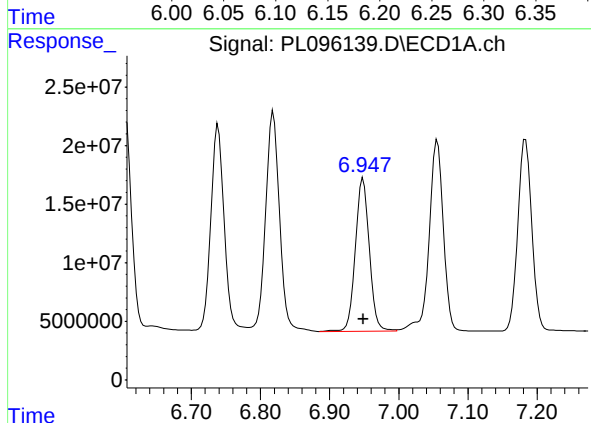
Manual Integrations
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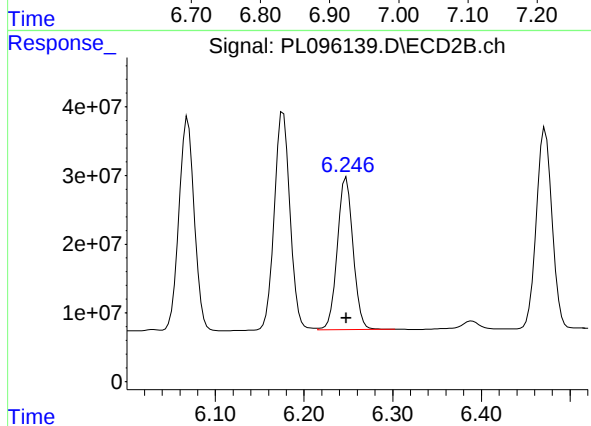
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 391319689
Conc: 69.25 ng/ml



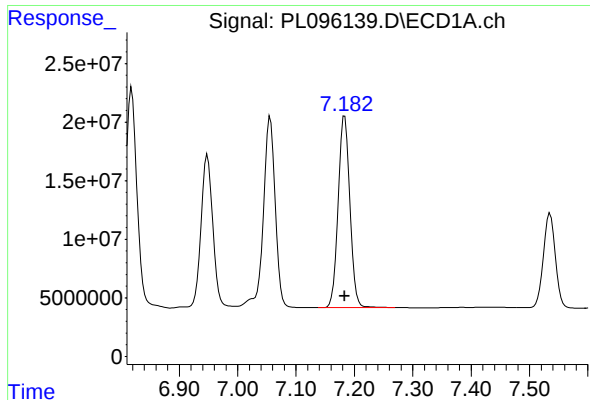
#18 Endrin aldehyde

R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 183159432
Conc: 71.27 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: 0.000 min
Response: 273465109
Conc: 69.82 ng/ml



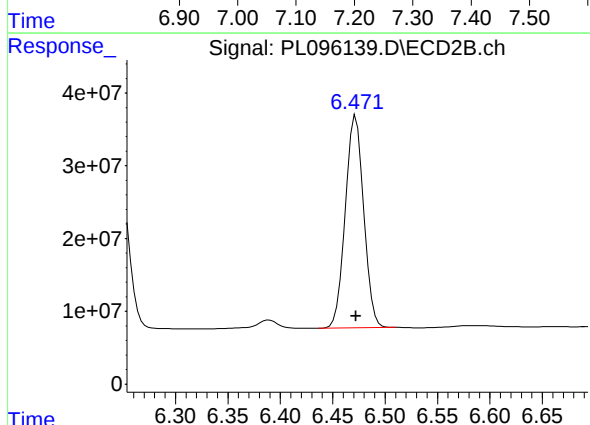
#19 Endosulfan Sulfate

R.T.: 7.183 min
Delta R.T.: 0.000 min
Response: 230602457
Conc: 69.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

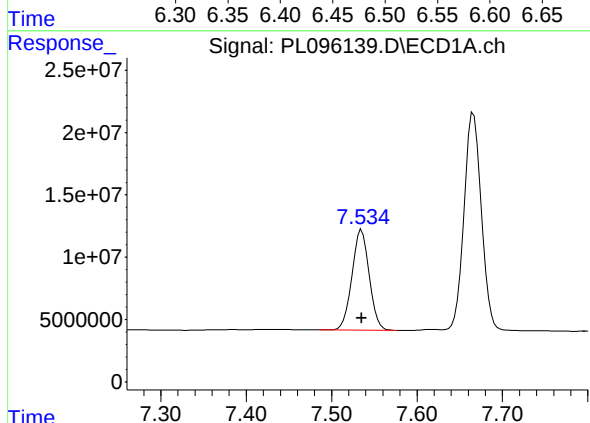
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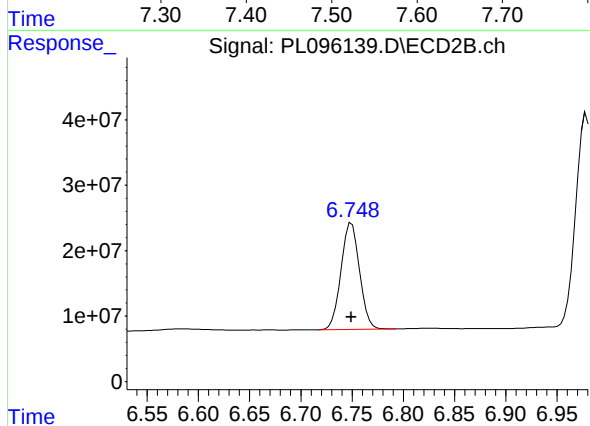
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 357966968
Conc: 69.01 ng/ml



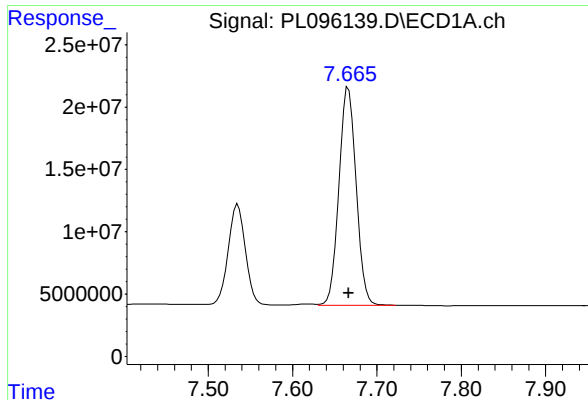
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 113274123
Conc: 69.70 ng/ml



#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 203013908
Conc: 69.23 ng/ml



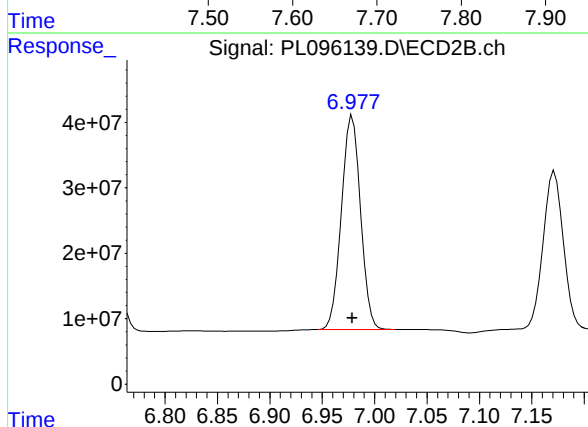
#21 Endrin ketone

R.T.: 7.666 min
Delta R.T.: 0.000 min
Response: 247518954
Conc: 69.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

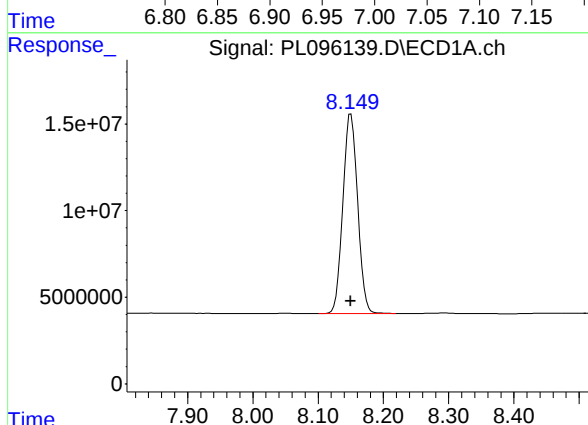
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/25/2025
Supervised By :mohammad ahmed 06/26/2025



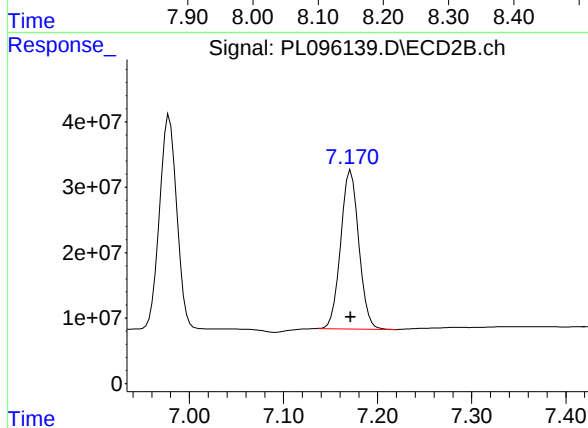
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 416773521
Conc: 69.37 ng/ml



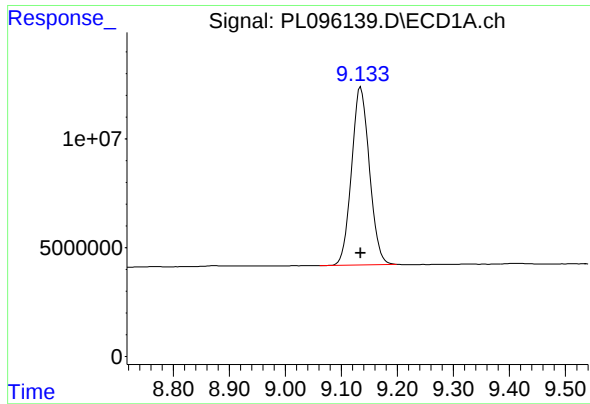
#22 Mirex

R.T.: 8.150 min
Delta R.T.: 0.000 min
Response: 181079254
Conc: 69.45 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 324631502
Conc: 69.17 ng/ml



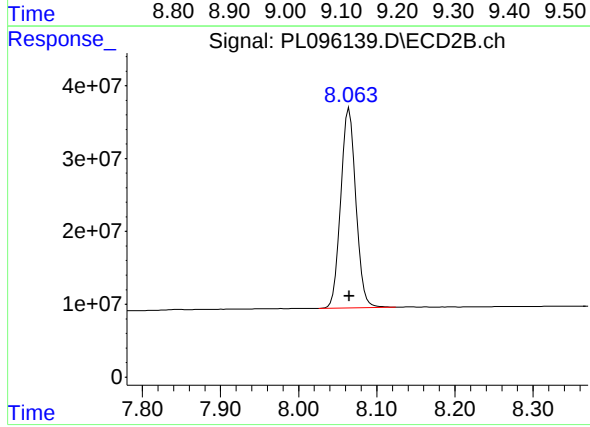
#28 Decachlorobiphenyl

R.T.: 9.134 min
Delta R.T.: 0.000 min
Response: 181001002
Conc: 69.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 06/26/2025



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 369553068
Conc: 69.11 ng/ml