

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060325\
 Data File : PL095912.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jun 2025 20:27
 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 03:41:07 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	2.885	174.3E6	223.7E6	55.236	57.163
28) SA Decachlor...	9.098	8.059	116.8E6	233.4E6	49.581	53.364
Target Compounds						
2) A alpha-BHC	4.023	3.395	269.1E6	347.0E6	55.502	59.238
3) MA gamma-BHC...	4.355	3.728	249.1E6	327.0E6	55.693	58.375
4) MA Heptachlor	4.953	4.081	206.3E6	317.4E6	54.506	56.589
5) MB Aldrin	5.295	4.364	235.9E6	308.5E6	55.148	58.129m
6) B beta-BHC	4.542	4.024	108.3E6	142.9E6	54.930	57.661
7) B delta-BHC	4.790	4.259	245.1E6	329.1E6	55.290	58.269
8) B Heptachlo...	5.715	4.867	206.0E6	285.8E6	53.979	57.880
9) A Endosulfan I	6.099	5.239	197.1E6	251.6E6	53.791	52.799
10) B gamma-Chl...	5.968	5.119	209.0E6	304.4E6	53.696m	57.948
11) B alpha-Chl...	6.051	5.184	212.1E6	301.1E6	53.721	57.871
12) B 4,4'-DDE	6.221	5.370	187.8E6	288.8E6	51.207	53.853m
13) MA Dieldrin	6.372	5.504	208.2E6	302.9E6	53.947	57.140
14) MA Endrin	6.599	5.778	160.3E6	251.4E6	49.668	51.551m
15) B Endosulfa...	6.812	6.070	167.8E6	272.0E6	48.701	57.241
16) A 4,4'-DDD	6.731	5.922	159.8E6	260.3E6	54.520	59.362
17) MA 4,4'-DDT	7.046	6.176	132.3E6	234.9E6	48.915	49.108
18) B Endrin al...	6.941	6.247	127.6E6	191.9E6	52.775	55.557
19) B Endosulfa...	7.175	6.471	156.3E6	247.8E6	52.320	55.141
20) A Methoxychlor	7.519	6.746	63021993	126.2E6	49.416	48.247
21) B Endrin ke...	7.656	6.976	170.7E6	290.8E6	53.904	56.199
22) Mirex	8.137	7.170	122.0E6	221.4E6	52.721	54.532

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060325\
Data File : PL095912.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jun 2025 20:27
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

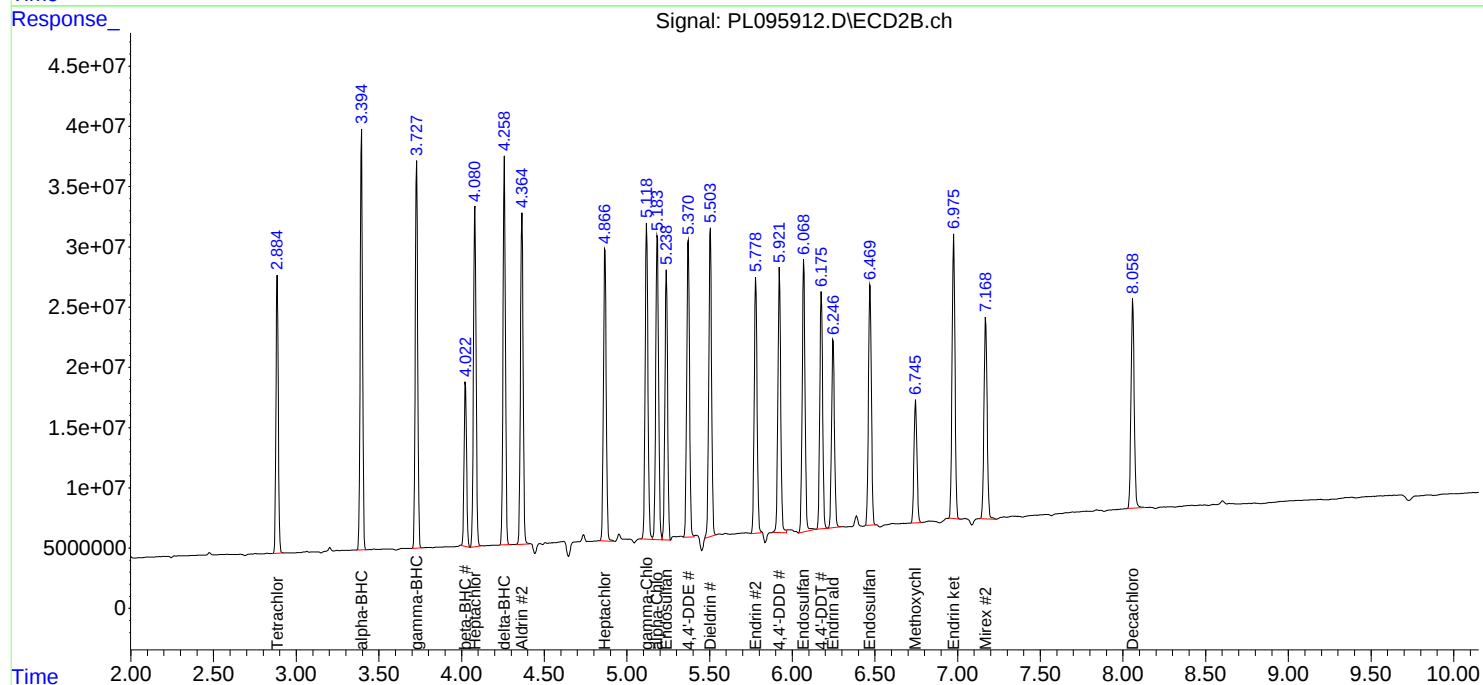
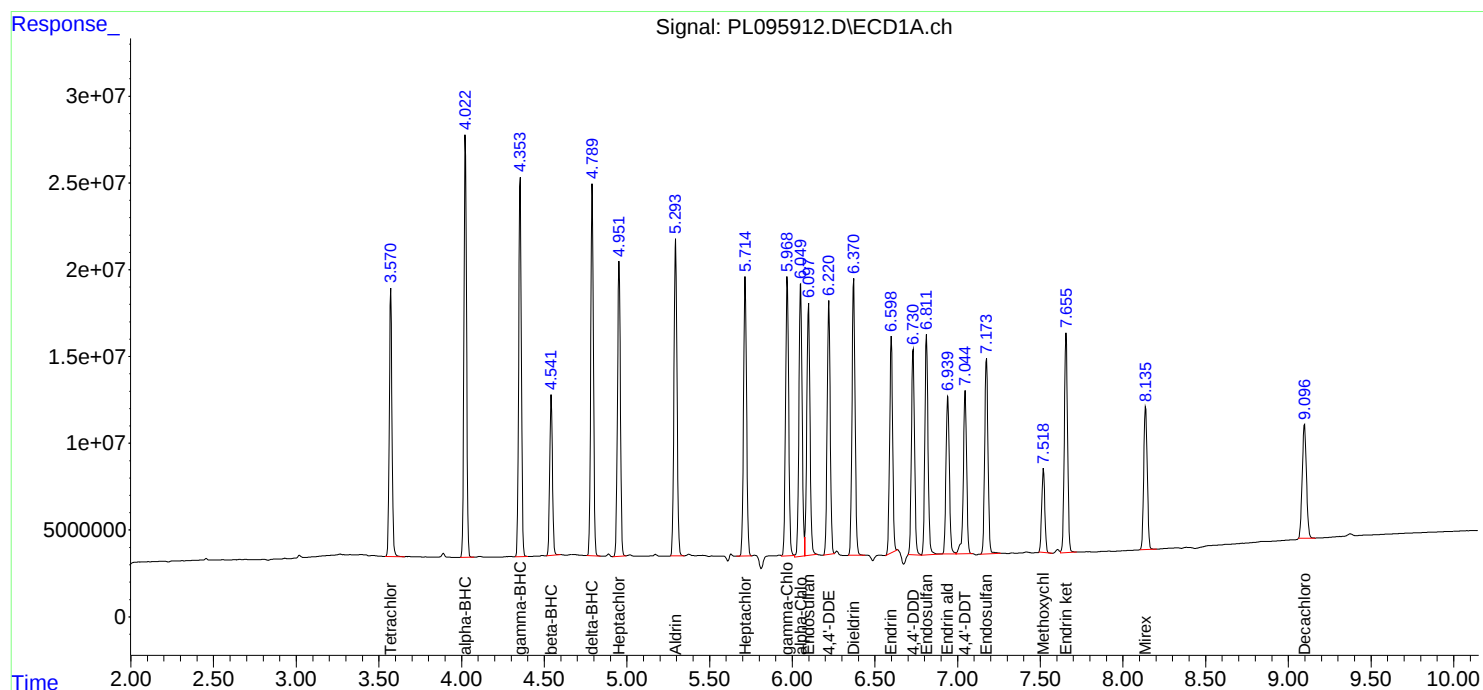
APPROVED

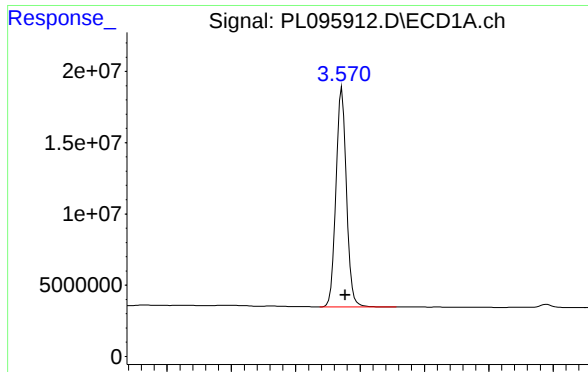
Reviewed By :Abdul Mirza 06/04/2025

Supervised By :mohammad ahmed 06/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 03:41:07 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





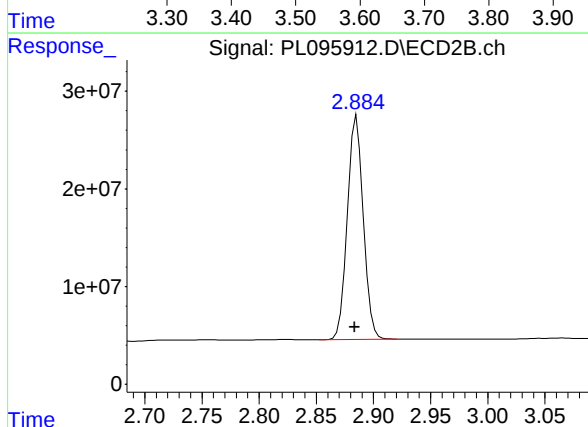
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: -0.005 min
Response: 174285741
Conc: 55.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

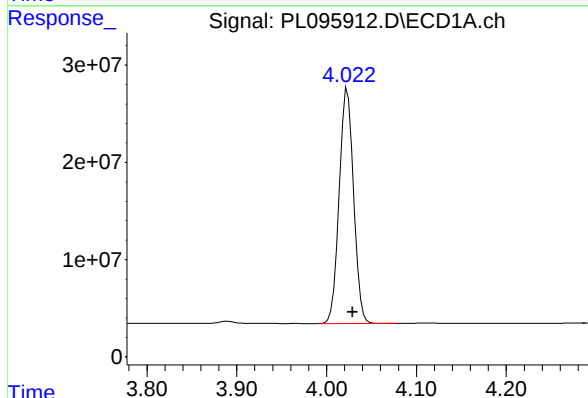
Manual Integrations
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Supervised By :mohammad ahmed 06/05/2025



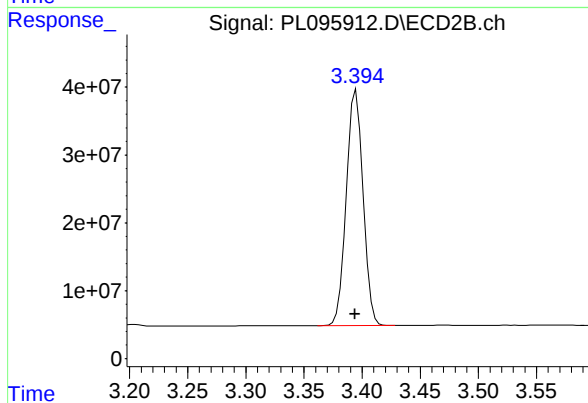
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: 0.002 min
Response: 223733171
Conc: 57.16 ng/ml



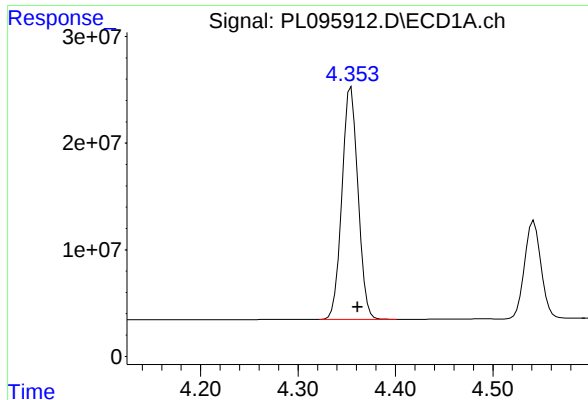
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: -0.006 min
Response: 269069884
Conc: 55.50 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: 0.001 min
Response: 346979316
Conc: 59.24 ng/ml



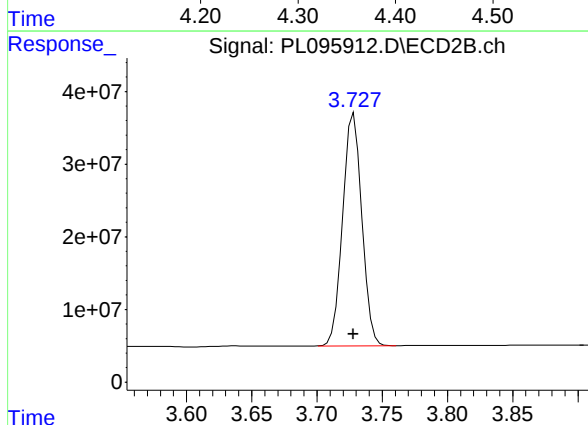
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: -0.007 min
Response: 249050039
Conc: 55.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

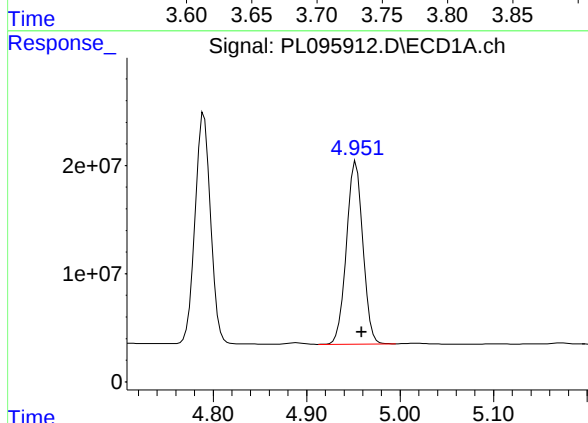
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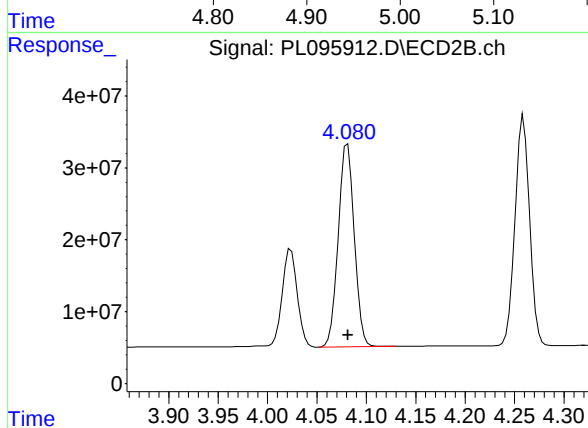
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: 0.000 min
Response: 326968992
Conc: 58.37 ng/ml



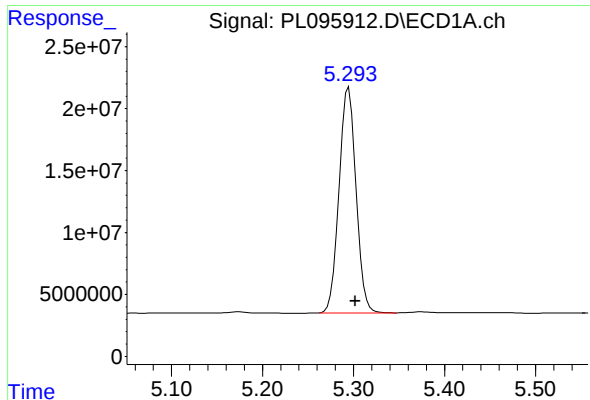
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: -0.006 min
Response: 206305974
Conc: 54.51 ng/ml



#4 Heptachlor

R.T.: 4.081 min
Delta R.T.: 0.000 min
Response: 317412368
Conc: 56.59 ng/ml



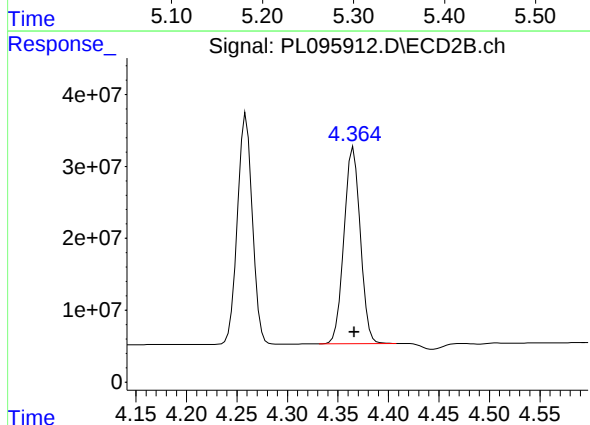
#5 Aldrin

R.T.: 5.295 min
Delta R.T.: -0.007 min
Response: 235910277
Conc: 55.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

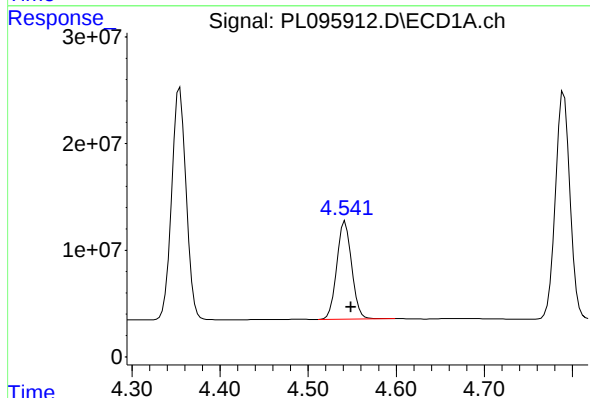
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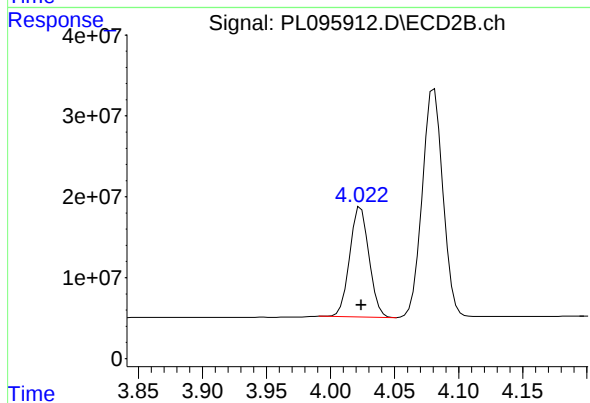
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: -0.002 min
Response: 308499076
Conc: 58.13 ng/ml



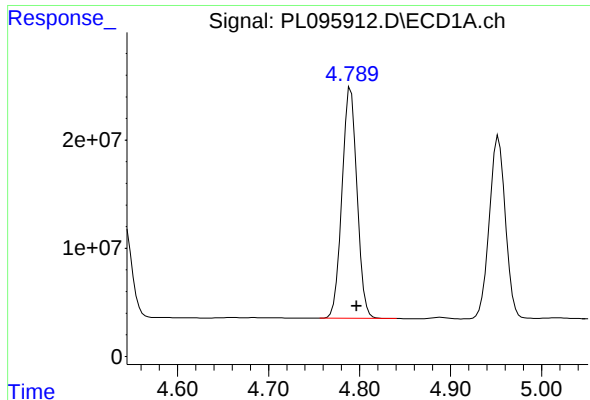
#6 beta-BHC

R.T.: 4.542 min
Delta R.T.: -0.007 min
Response: 108287983
Conc: 54.93 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 142857590
Conc: 57.66 ng/ml



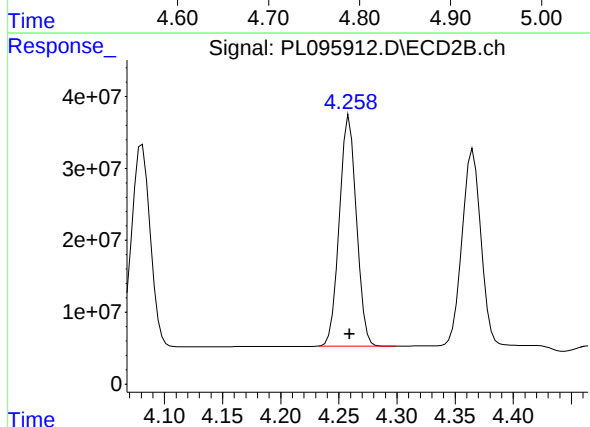
#7 delta-BHC

R.T.: 4.790 min
Delta R.T.: -0.006 min
Response: 245133380
Conc: 55.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

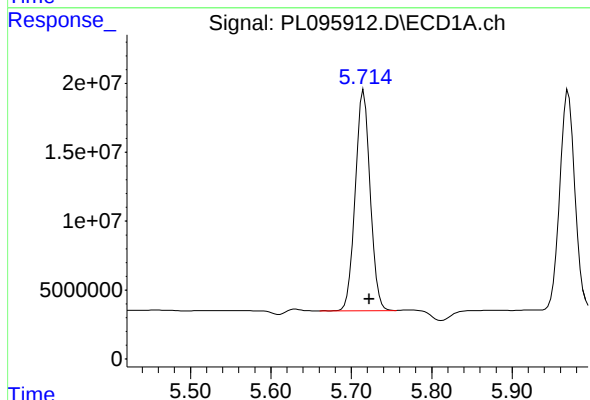
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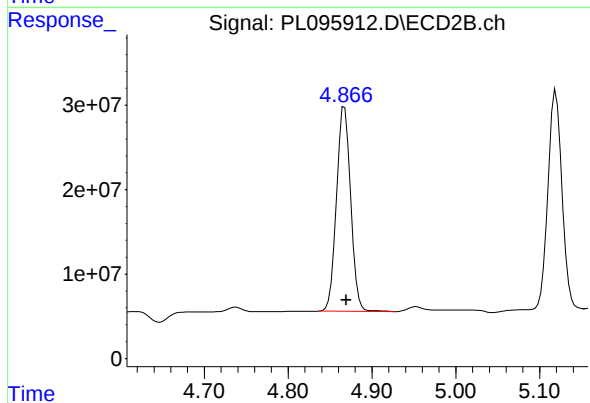
#7 delta-BHC

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 329064219
Conc: 58.27 ng/ml



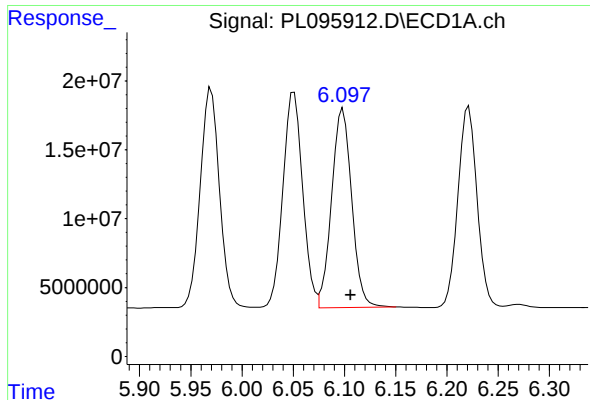
#8 Heptachlor epoxide

R.T.: 5.715 min
Delta R.T.: -0.007 min
Response: 206030926
Conc: 53.98 ng/ml



#8 Heptachlor epoxide

R.T.: 4.867 min
Delta R.T.: -0.002 min
Response: 285777720
Conc: 57.88 ng/ml



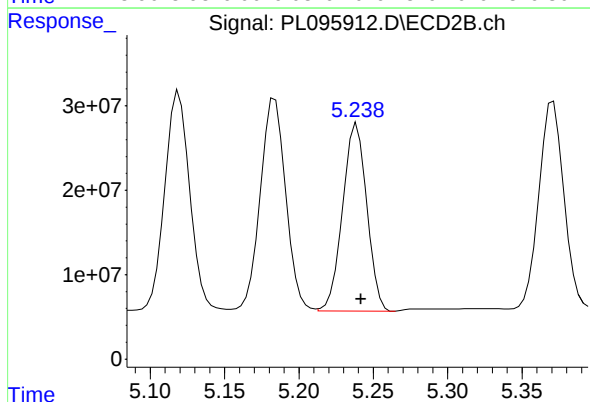
#9 Endosulfan I

R.T.: 6.099 min
Delta R.T.: -0.007 min
Response: 197134217
Conc: 53.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

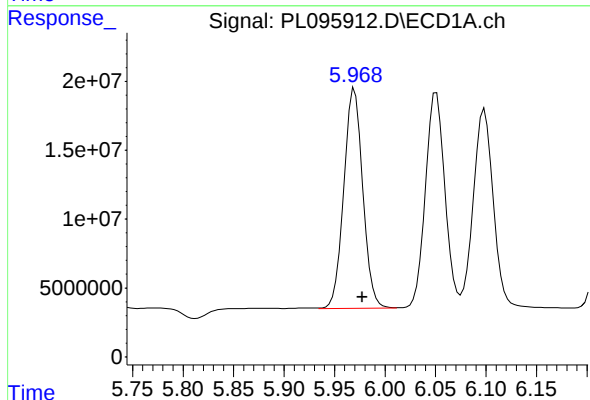
Manual Integrations
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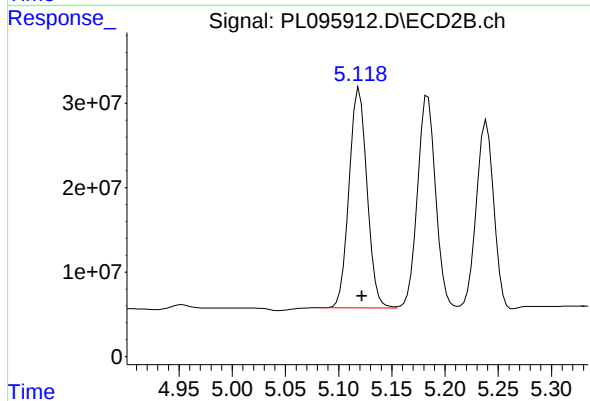
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: -0.003 min
Response: 251586450
Conc: 52.80 ng/ml



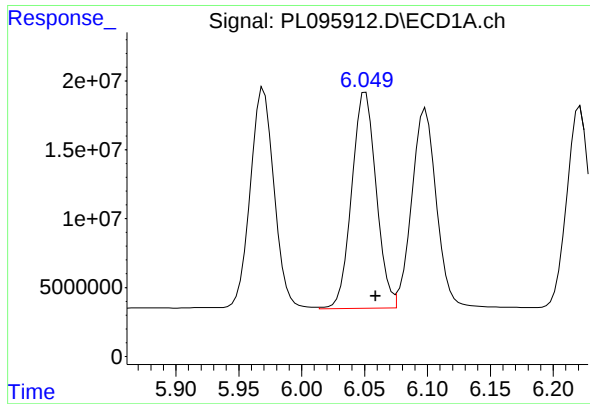
#10 gamma-Chlordane

R.T.: 5.968 min
Delta R.T.: -0.009 min
Response: 208989122
Conc: 53.70 ng/ml m



#10 gamma-Chlordane

R.T.: 5.119 min
Delta R.T.: -0.003 min
Response: 304382483
Conc: 57.95 ng/ml



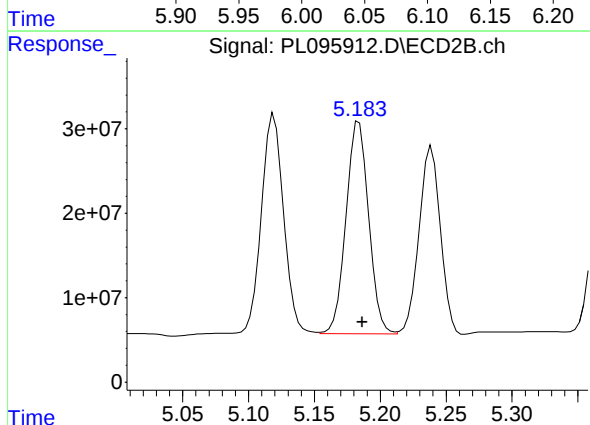
#11 alpha-Chlordane

R.T.: 6.051 min
Delta R.T.: -0.008 min
Response: 212101277
Conc: 53.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

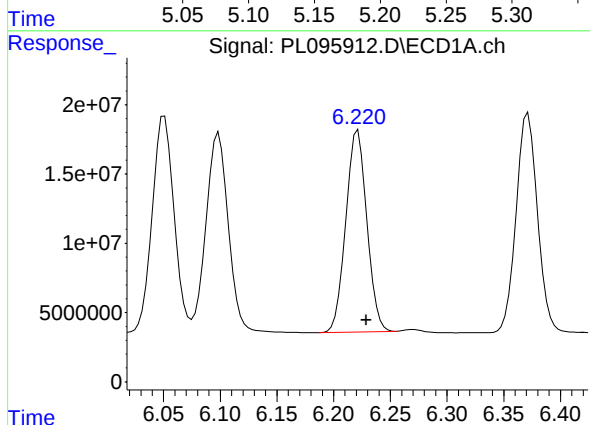
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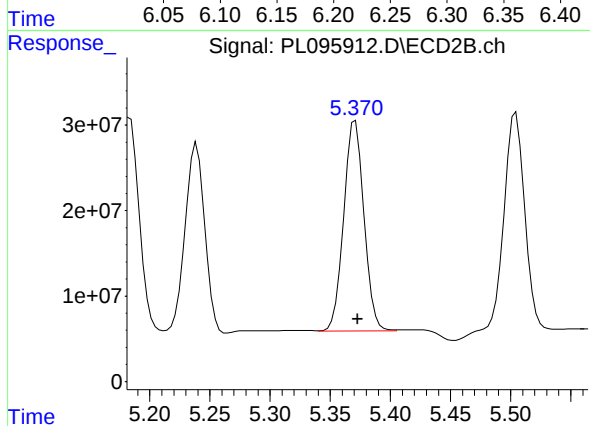
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 301088780
Conc: 57.87 ng/ml



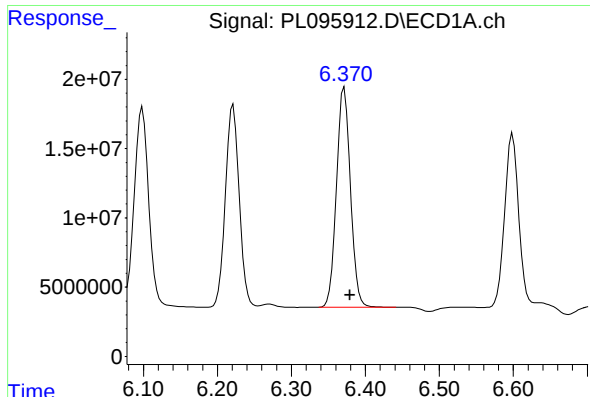
#12 4,4'-DDE

R.T.: 6.221 min
Delta R.T.: -0.008 min
Response: 187822911
Conc: 51.21 ng/ml



#12 4,4'-DDE

R.T.: 5.370 min
Delta R.T.: -0.003 min
Response: 288770357
Conc: 53.85 ng/ml m



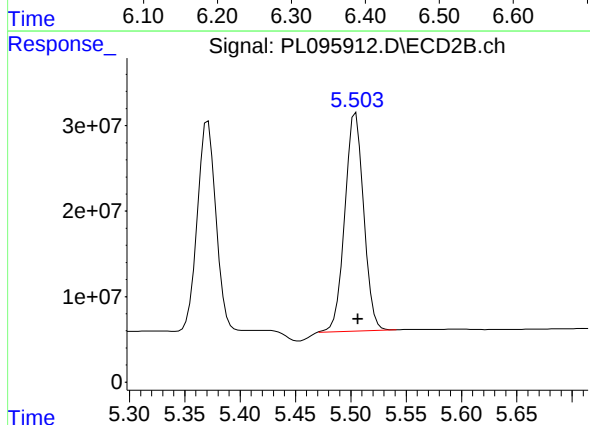
#13 Dieldrin

R.T.: 6.372 min
Delta R.T.: -0.008 min
Response: 208191654
Conc: 53.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

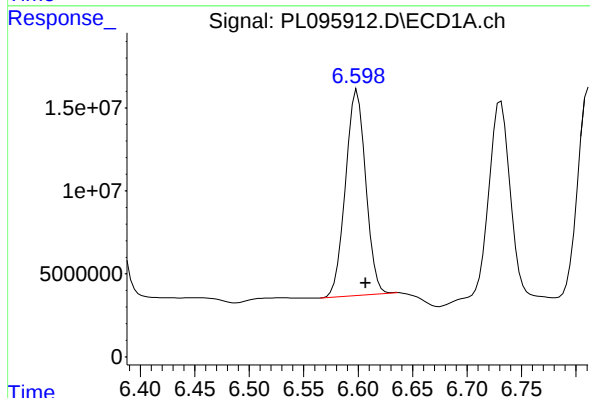
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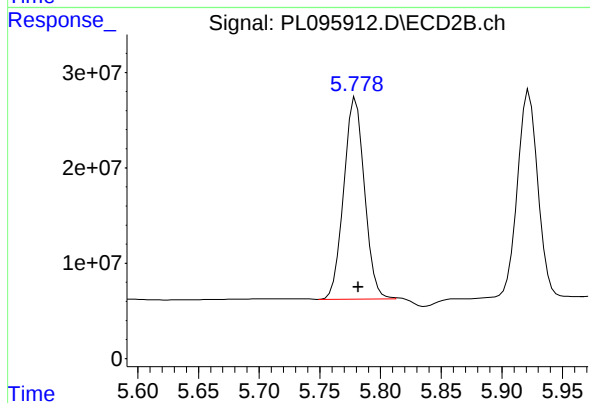
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.002 min
Response: 302851141
Conc: 57.14 ng/ml



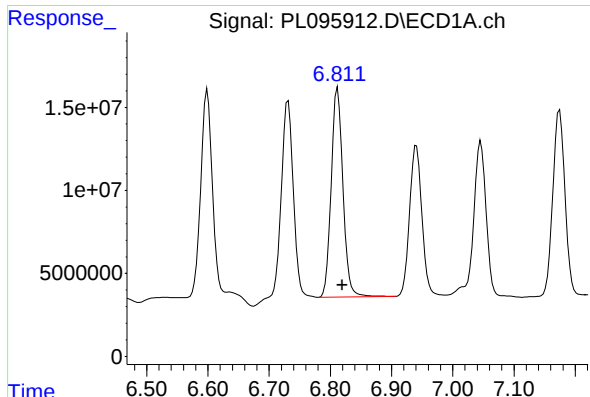
#14 Endrin

R.T.: 6.599 min
Delta R.T.: -0.008 min
Response: 160267969
Conc: 49.67 ng/ml



#14 Endrin

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 251369166
Conc: 51.55 ng/ml m



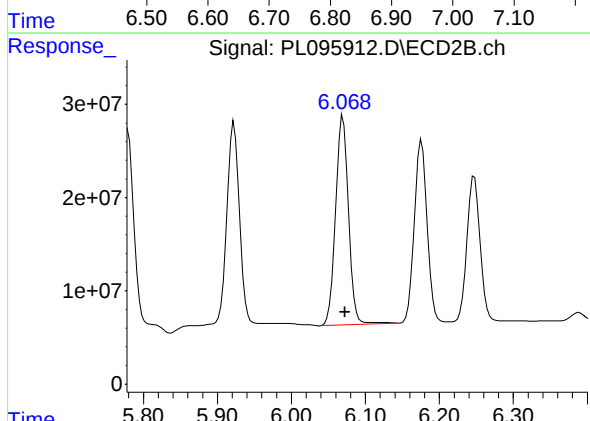
#15 Endosulfan II

R.T.: 6.812 min
Delta R.T.: -0.008 min
Response: 167827048
Conc: 48.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

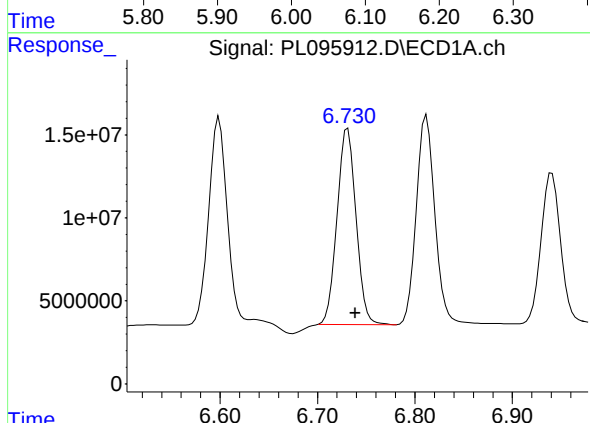
Manual Integrations
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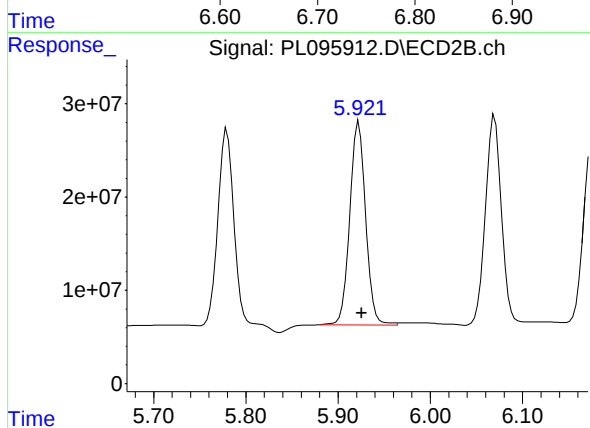
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 271997741
Conc: 57.24 ng/ml



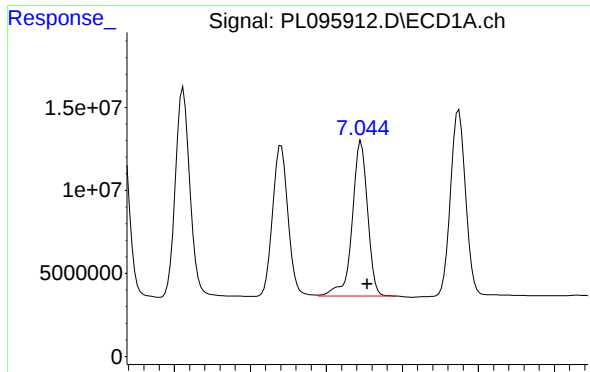
#16 4,4'-DDD

R.T.: 6.731 min
Delta R.T.: -0.008 min
Response: 159777503
Conc: 54.52 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: -0.003 min
Response: 260299724
Conc: 59.36 ng/ml



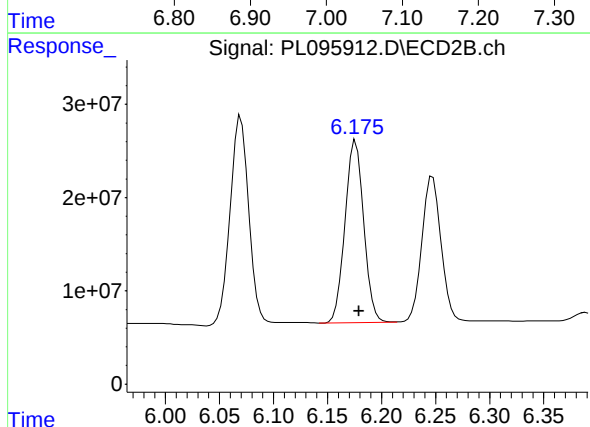
#17 4,4'-DDT

R.T.: 7.046 min
Delta R.T.: -0.008 min
Response: 132320825
Conc: 48.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

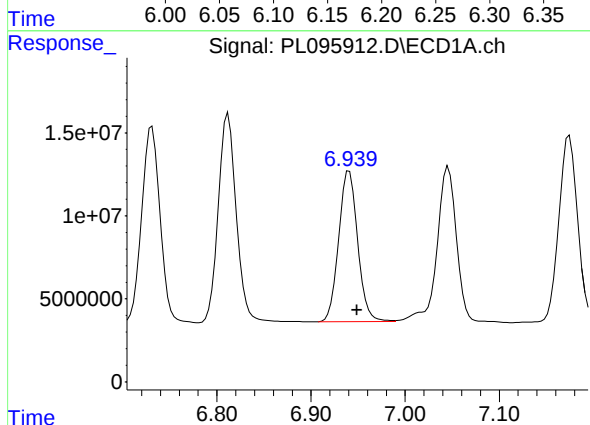
Manual Integrations
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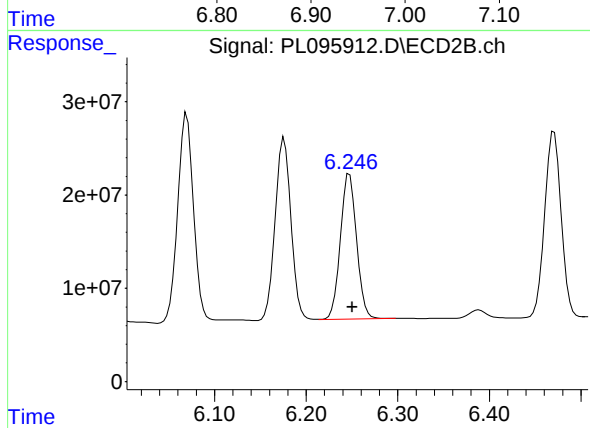
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.003 min
Response: 234864105
Conc: 49.11 ng/ml



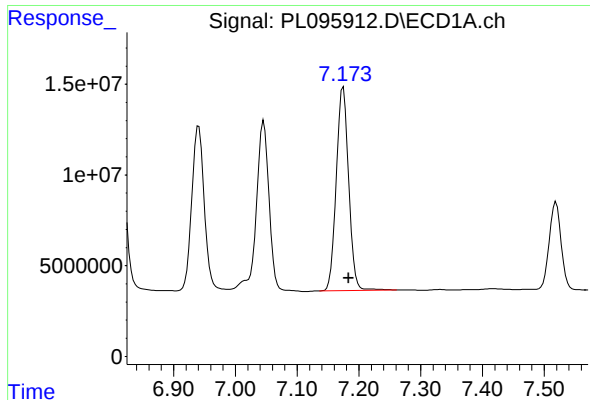
#18 Endrin aldehyde

R.T.: 6.941 min
Delta R.T.: -0.008 min
Response: 127589413
Conc: 52.77 ng/ml



#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: -0.003 min
Response: 191909671
Conc: 55.56 ng/ml



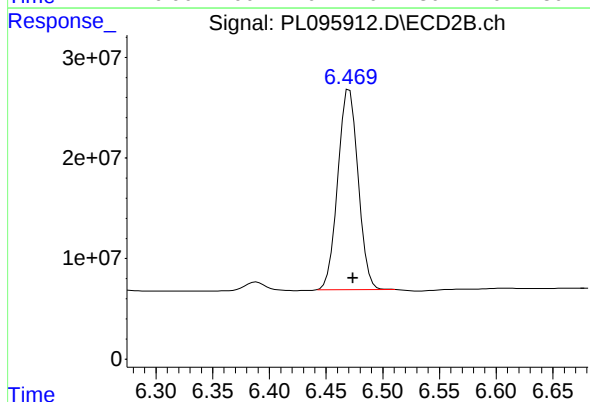
#19 Endosulfan Sulfate

R.T.: 7.175 min
Delta R.T.: -0.009 min
Response: 156274857
Conc: 52.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

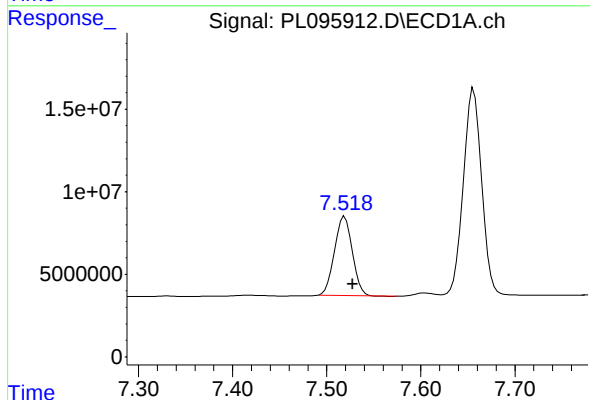
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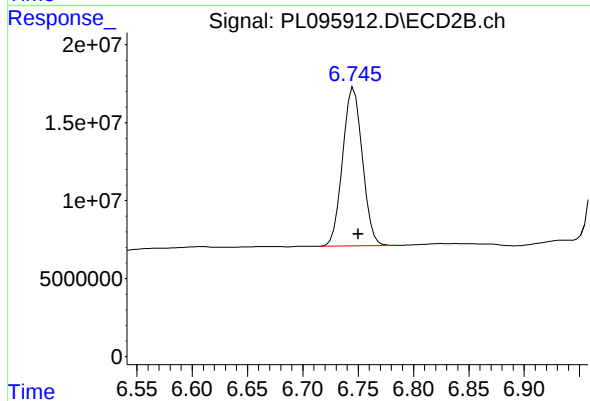
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 247844595
Conc: 55.14 ng/ml



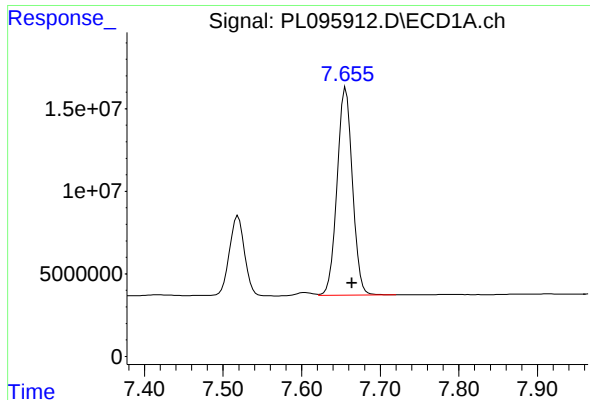
#20 Methoxychlor

R.T.: 7.519 min
Delta R.T.: -0.008 min
Response: 63021993
Conc: 49.42 ng/ml



#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: -0.004 min
Response: 126218188
Conc: 48.25 ng/ml



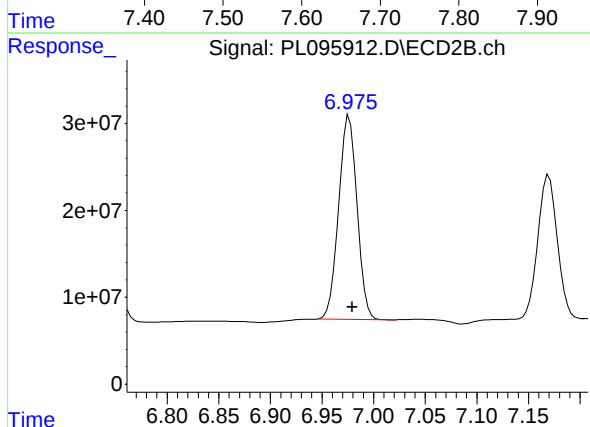
#21 Endrin ketone

R.T.: 7.656 min
Delta R.T.: -0.008 min
Response: 170709421
Conc: 53.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

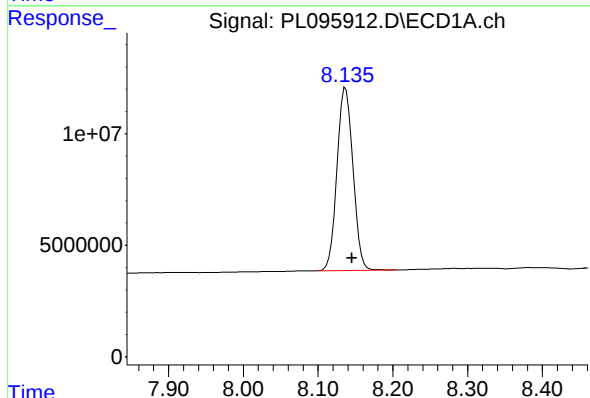
Manual Integrations
APPROVED

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



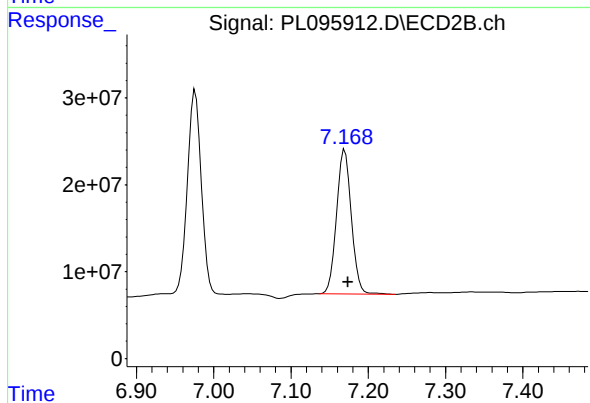
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: -0.003 min
Response: 290763973
Conc: 56.20 ng/ml



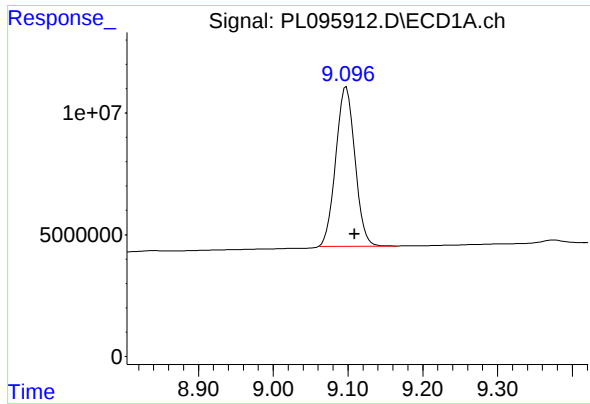
#22 Mirex

R.T.: 8.137 min
Delta R.T.: -0.009 min
Response: 121983862
Conc: 52.72 ng/ml



#22 Mirex

R.T.: 7.170 min
Delta R.T.: -0.004 min
Response: 221427169
Conc: 54.53 ng/ml



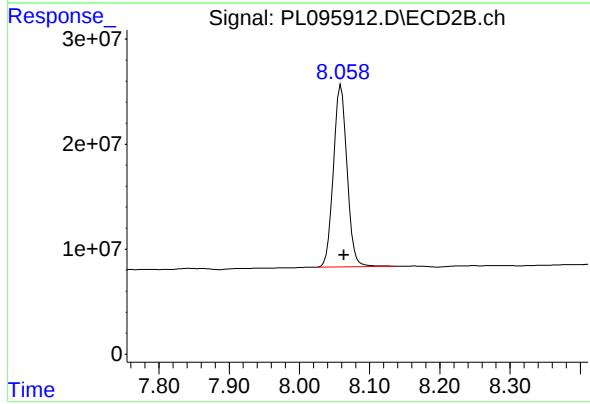
#28 Decachlorobiphenyl

R.T.: 9.098 min
Delta R.T.: -0.011 min
Response: 116830418
Conc: 49.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.004 min
Response: 233439325
Conc: 53.36 ng/ml