

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041025\
 Data File : PL095174.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Apr 2025 18:07
 Operator : AR\AJ
 Sample : Q1760-05MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-15MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/11/2025
 Supervised By :mohammad ahmed 04/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 20:36:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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...	3.532	2.765	49138638	68943331	17.359m	19.316m
28) SA Decachlor...	9.046	7.897	36809756	60448725	17.466	14.965
Target Compounds						
2) A alpha-BHC	3.990	3.269	166.2E6	251.2E6	40.017	46.586
3) MA gamma-BHC...	4.323	3.598	158.7E6	226.3E6	39.784	44.023
4) MA Heptachlor	4.910	3.936	148.7E6	222.6E6	38.309	42.258
5) MB Aldrin	5.252	4.215	139.5E6	203.4E6	37.787	41.716
6) B beta-BHC	4.522	3.899	68927227	98100094	37.355	44.163
7) B delta-BHC	4.767	4.127	146.9E6	200.1E6	37.730m	40.000
8) B Heptachlo...	5.678	4.717	130.6E6	188.2E6	39.037	41.099
9) A Endosulfan I	6.064	5.087	119.2E6	170.0E6	38.810	38.737
10) B gamma-Chl...	5.934	4.967	131.4E6	209.0E6	38.992m	43.291
11) B alpha-Chl...	6.013	5.031	126.3E6	187.8E6	38.304	39.352
12) B 4,4'-DDE	6.187	5.219	132.1E6	181.5E6	44.901	39.049
13) MA Dieldrin	6.339	5.349	152.1E6	212.7E6	47.556	43.844m
14) MA Endrin	6.567	5.625	114.5E6	185.5E6	41.308m	42.515m
15) B Endosulfa...	6.788	5.919	119.8E6	175.1E6	44.147	40.454m
16) A 4,4'-DDD	6.708	5.774	170.9E6	149.7E6	78.879	41.638 #
17) MA 4,4'-DDT	7.018	6.022	104.3E6	239.8E6	43.869	59.471 #
18) B Endrin al...	6.919	6.102	83647981	178.5E6	39.625	53.044 #
19) B Endosulfa...	7.153	6.321	129.0E6	242.4E6	53.038	59.517
20) A Methoxychlor	7.494	6.596	54601593	66162594	45.613	31.193m#
21) B Endrin ke...	7.639	6.828	116.5E6	189.9E6	44.063	39.796
22) Mirex	8.110	7.007	80985662	138.7E6	39.194	36.557

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041025\
Data File : PL095174.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 18:07
Operator : AR\AJ
Sample : Q1760-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

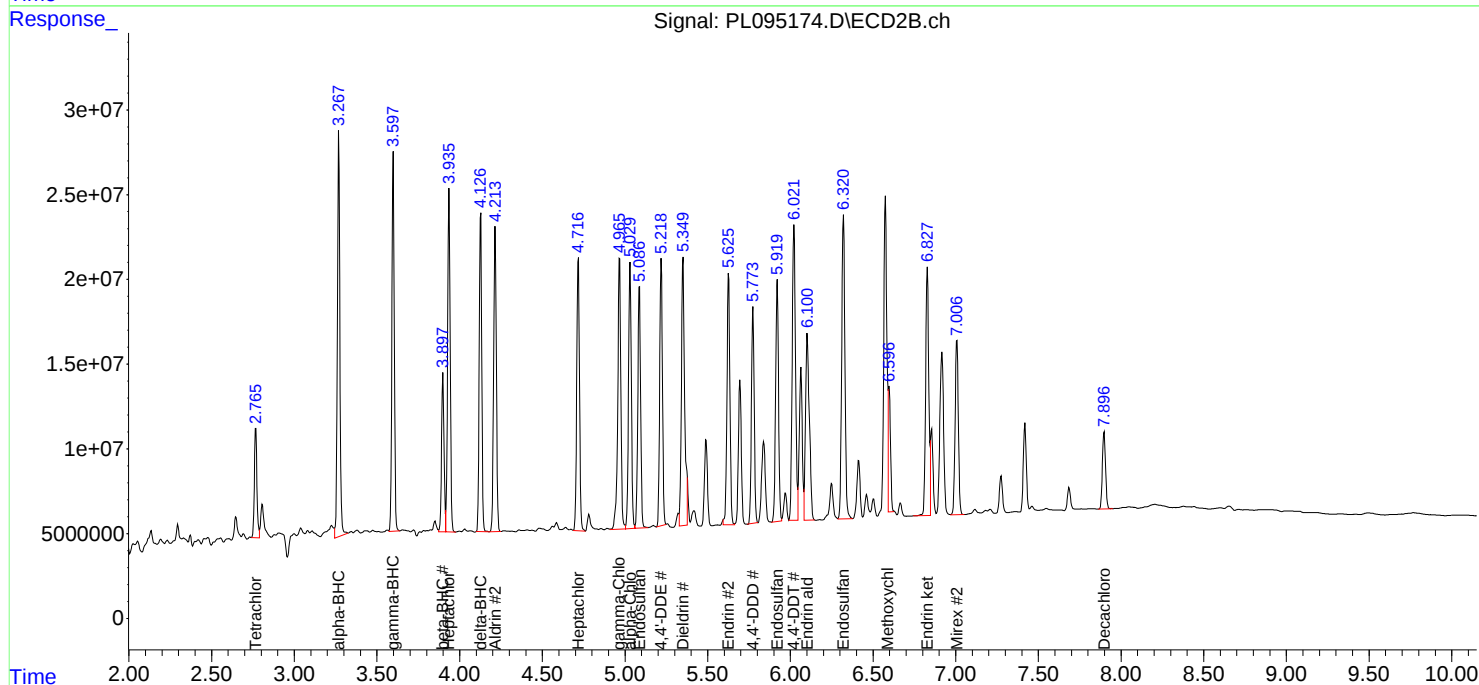
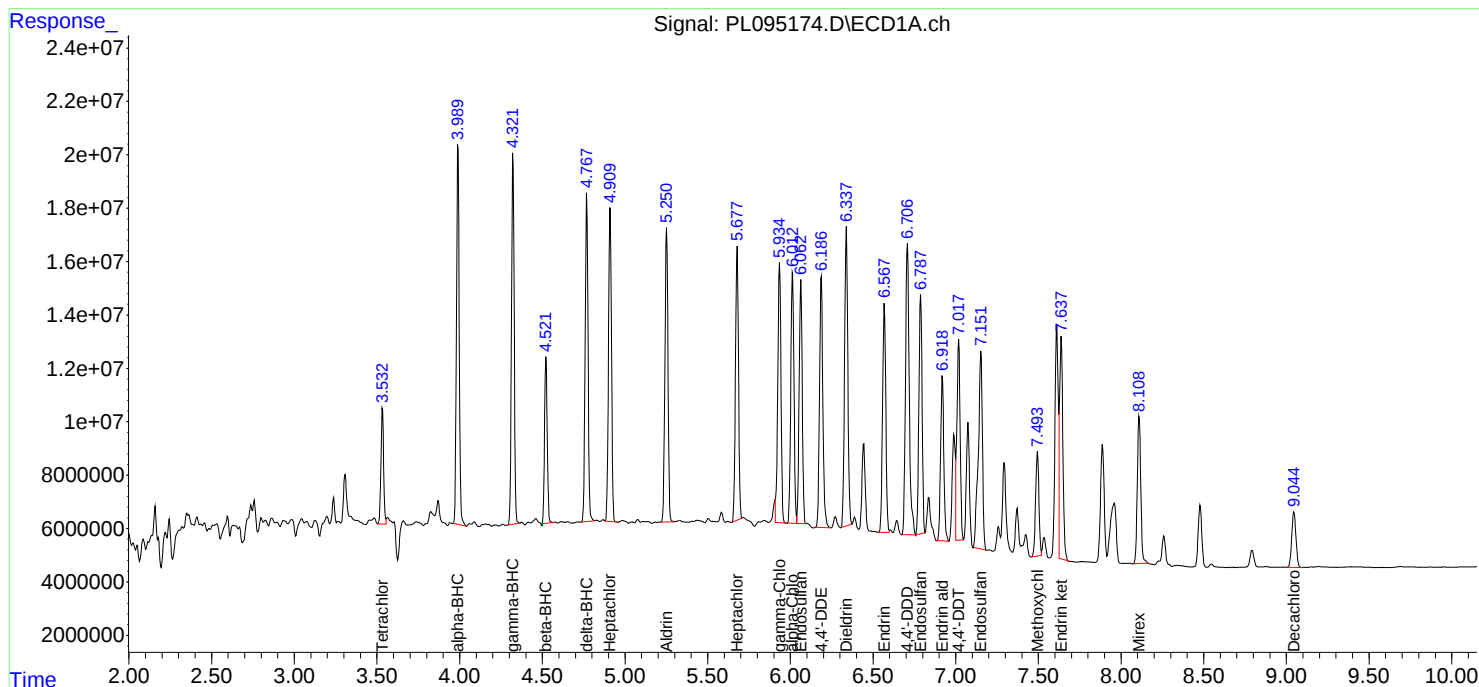
Instrument :
ECD_L
ClientSampleId :
TP-15MSD

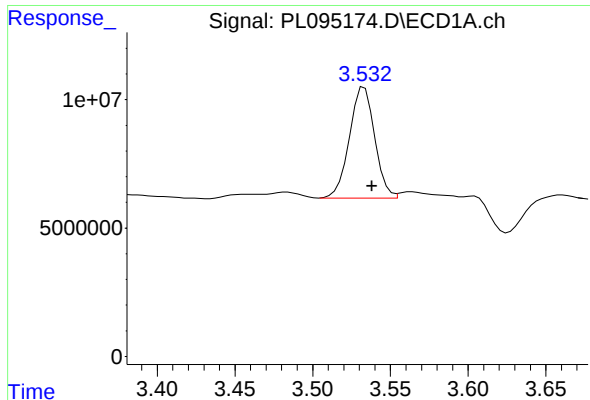
Manual Integrations
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Supervised By :mohammad ahmed 04/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 20:36:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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





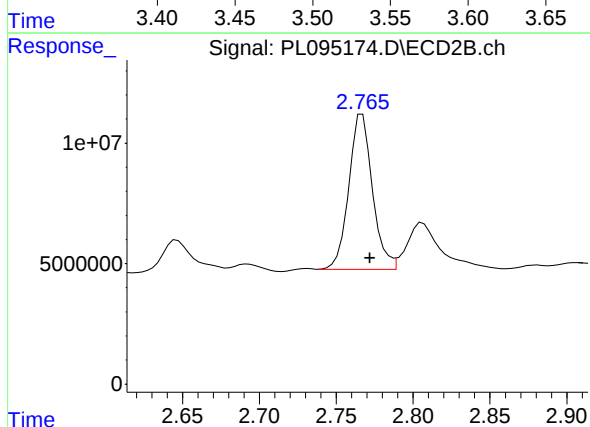
#1 Tetrachloro-m-xylene

R.T.: 3.532 min
Delta R.T.: -0.006 min
Response: 49138638
Conc: 17.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-15MSD

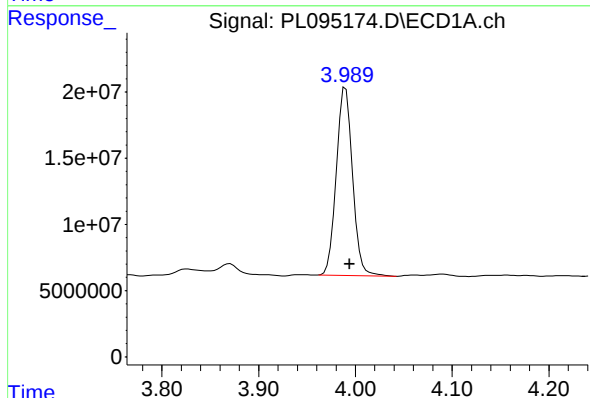
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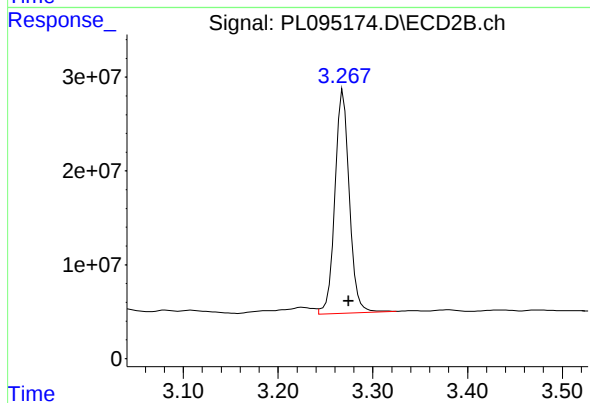
#1 Tetrachloro-m-xylene

R.T.: 2.765 min
Delta R.T.: -0.006 min
Response: 68943331
Conc: 19.32 ng/ml



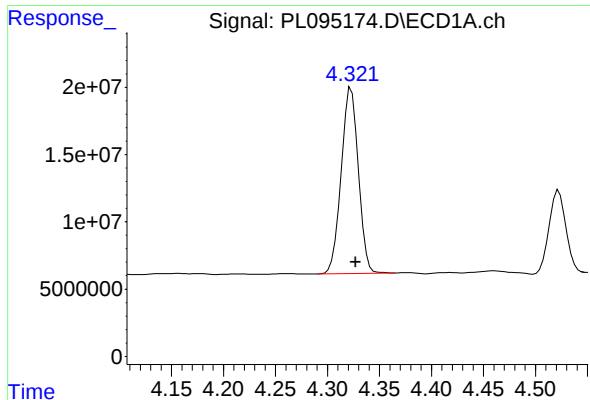
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.004 min
Response: 166162972
Conc: 40.02 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: -0.005 min
Response: 251162431
Conc: 46.59 ng/ml



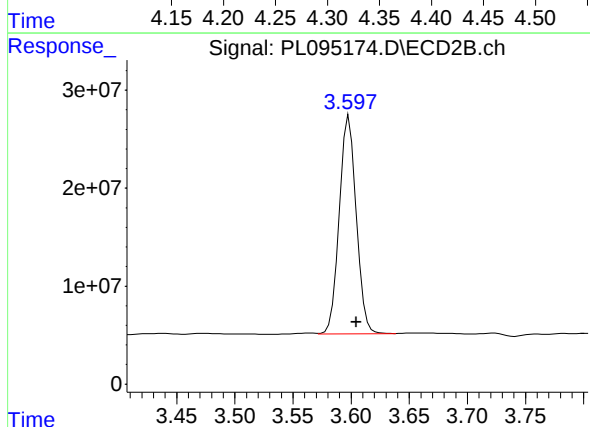
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.004 min
Response: 158747379
Conc: 39.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-15MSD

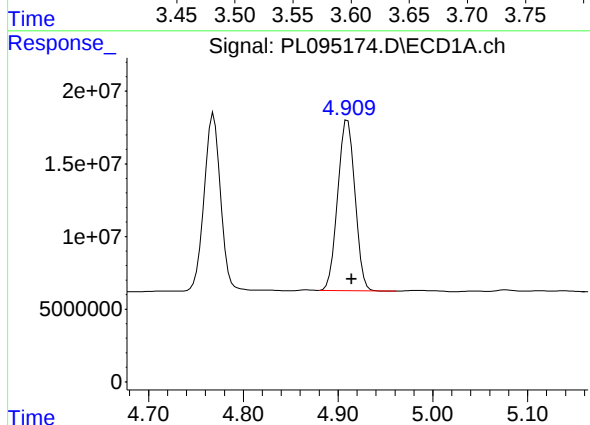
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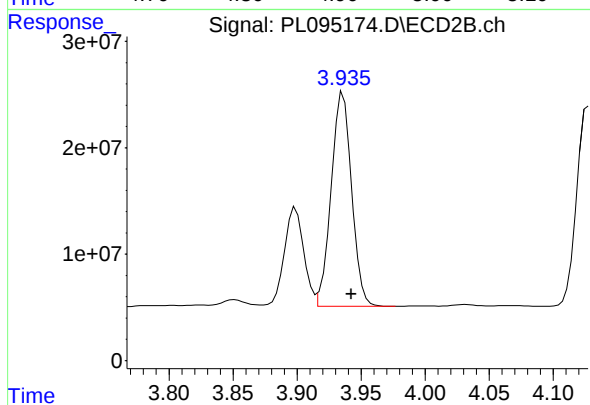
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.006 min
Response: 226255383
Conc: 44.02 ng/ml



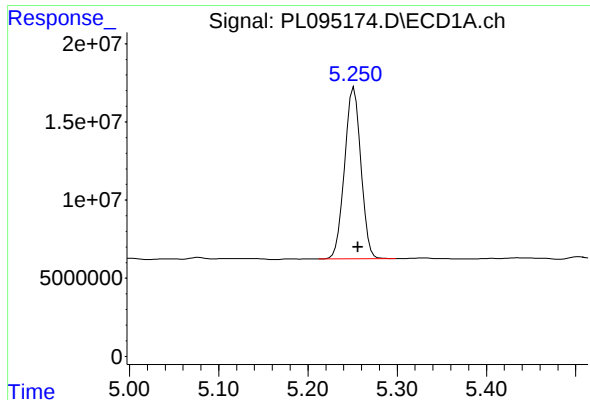
#4 Heptachlor

R.T.: 4.910 min
Delta R.T.: -0.004 min
Response: 148702342
Conc: 38.31 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: -0.006 min
Response: 222643801
Conc: 42.26 ng/ml



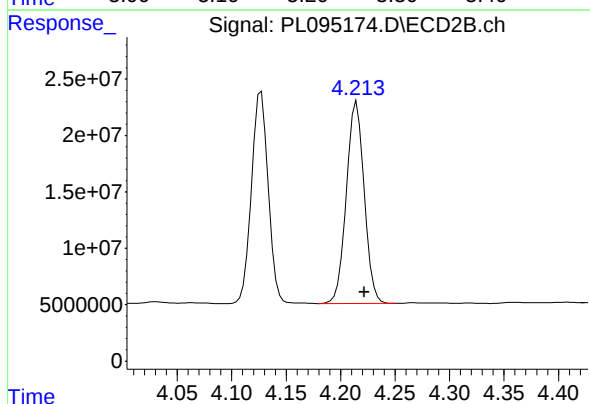
#5 Aldrin

R.T.: 5.252 min
Delta R.T.: -0.005 min
Response: 139516290
Conc: 37.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-15MSD

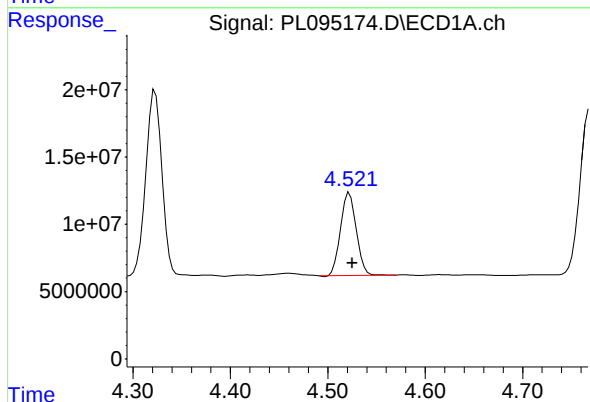
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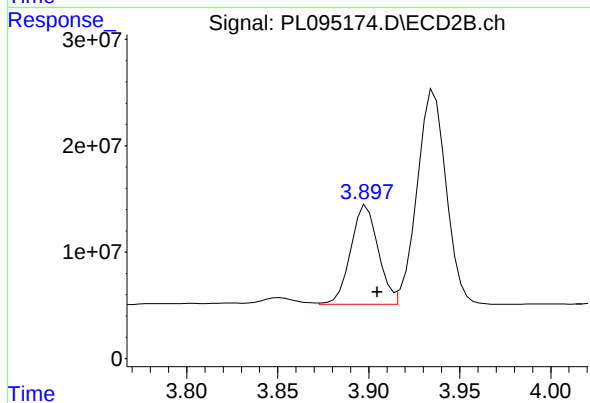
#5 Aldrin

R.T.: 4.215 min
Delta R.T.: -0.007 min
Response: 203423463
Conc: 41.72 ng/ml



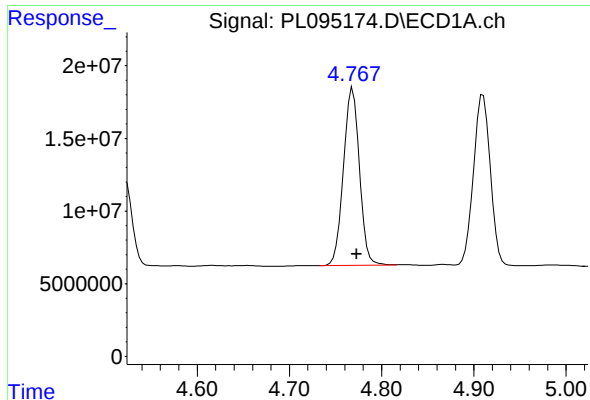
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: -0.003 min
Response: 68927227
Conc: 37.35 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: -0.006 min
Response: 98100094
Conc: 44.16 ng/ml



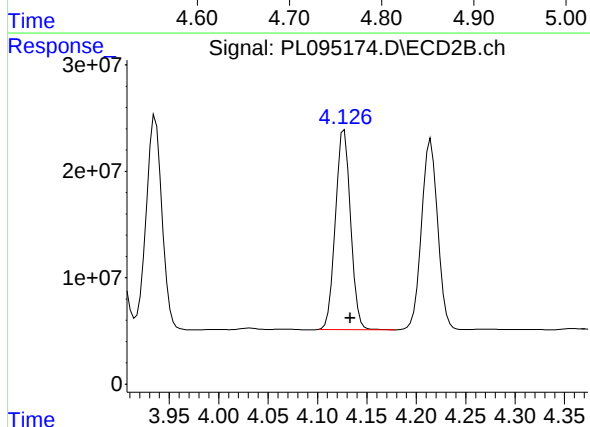
#7 delta-BHC

R.T.: 4.767 min
Delta R.T.: -0.005 min
Response: 146931292
Conc: 37.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-15MSD

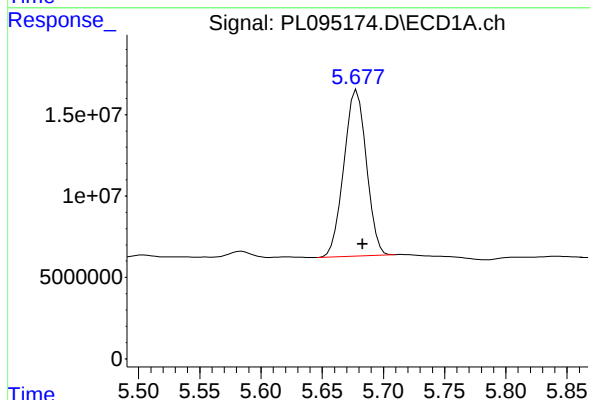
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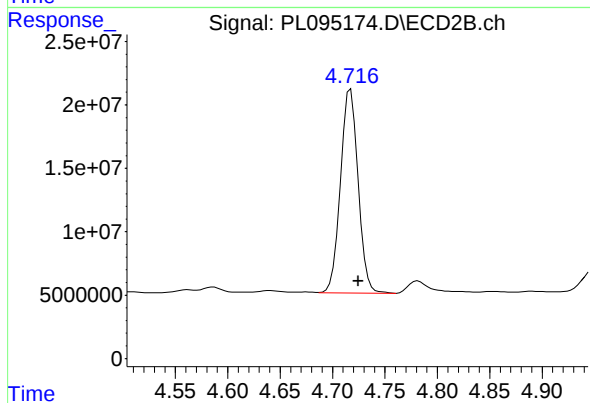
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: -0.006 min
Response: 200079708
Conc: 40.00 ng/ml



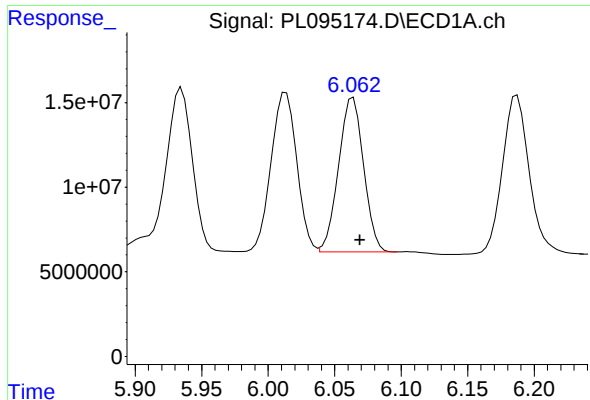
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: -0.005 min
Response: 130586583
Conc: 39.04 ng/ml



#8 Heptachlor epoxide

R.T.: 4.717 min
Delta R.T.: -0.007 min
Response: 188174658
Conc: 41.10 ng/ml



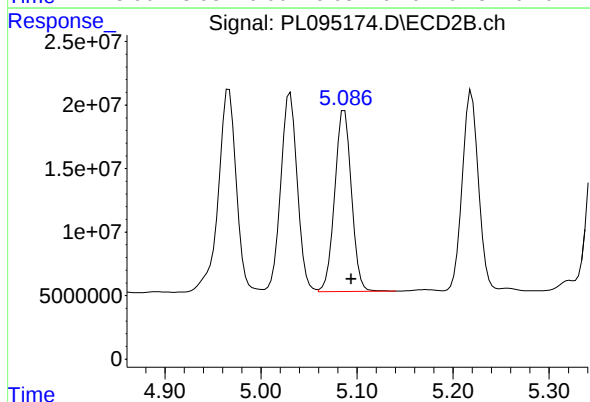
#9 Endosulfan I

R.T.: 6.064 min
Delta R.T.: -0.005 min
Response: 119153755
Conc: 38.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-15MSD

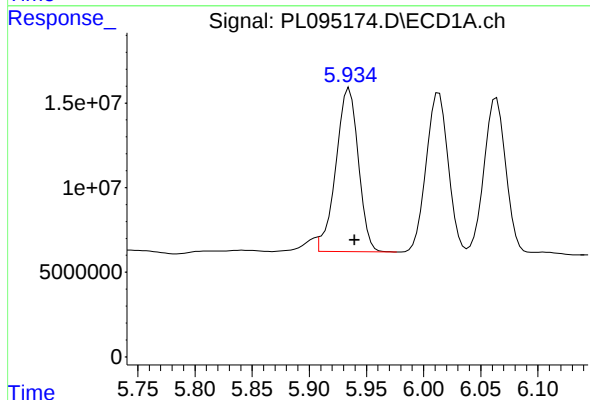
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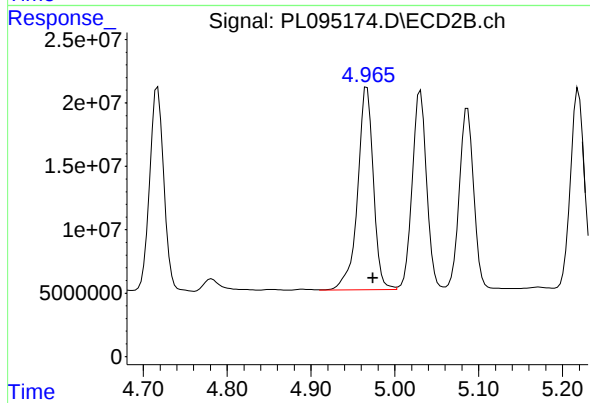
#9 Endosulfan I

R.T.: 5.087 min
Delta R.T.: -0.007 min
Response: 170008061
Conc: 38.74 ng/ml



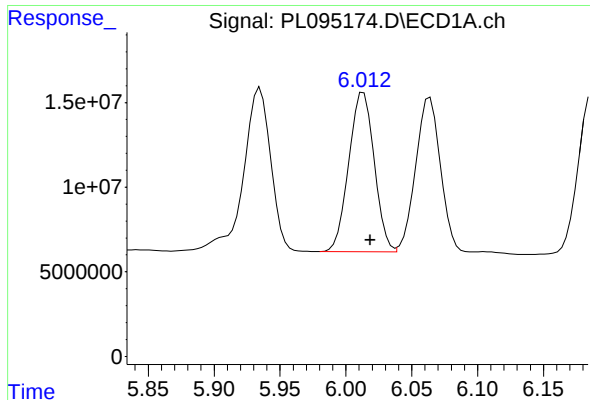
#10 gamma-Chlordane

R.T.: 5.934 min
Delta R.T.: -0.006 min
Response: 131379487
Conc: 38.99 ng/ml m



#10 gamma-Chlordane

R.T.: 4.967 min
Delta R.T.: -0.007 min
Response: 209027886
Conc: 43.29 ng/ml



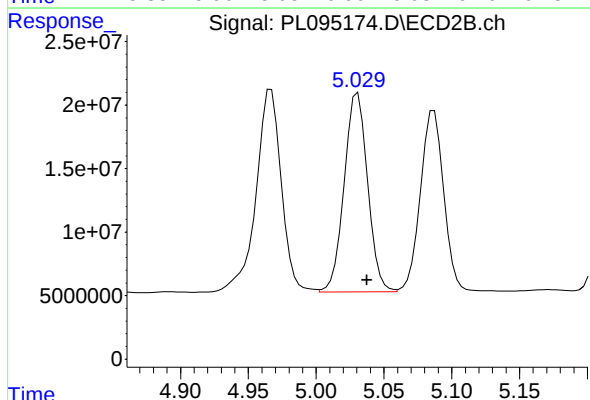
#11 alpha-Chlordane

R.T.: 6.013 min
Delta R.T.: -0.005 min
Response: 126283456
Conc: 38.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-15MSD

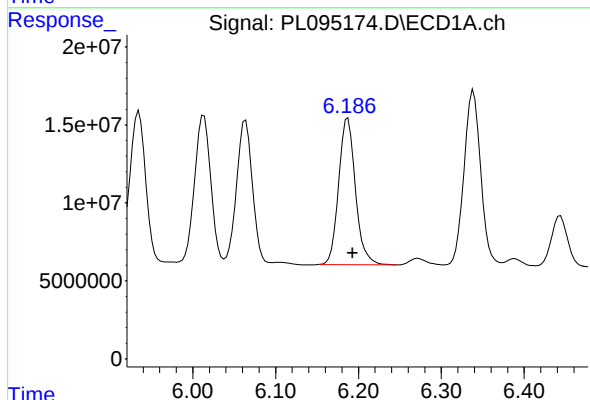
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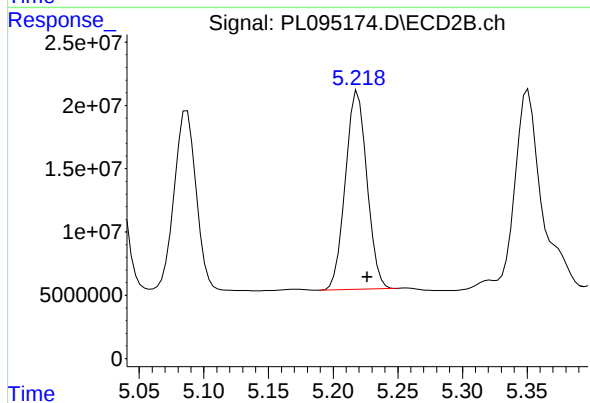
#11 alpha-Chlordane

R.T.: 5.031 min
Delta R.T.: -0.007 min
Response: 187815868
Conc: 39.35 ng/ml



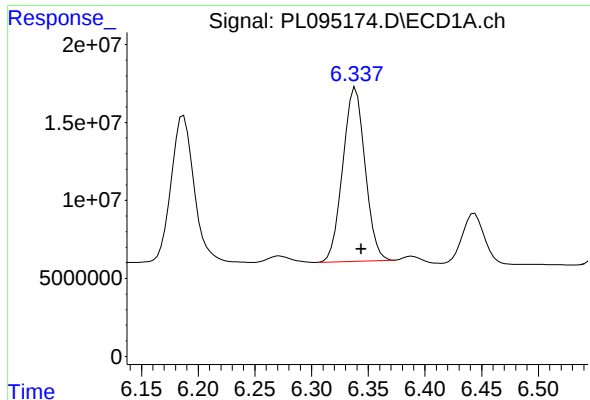
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: -0.006 min
Response: 132101535
Conc: 44.90 ng/ml



#12 4,4'-DDE

R.T.: 5.219 min
Delta R.T.: -0.008 min
Response: 181522644
Conc: 39.05 ng/ml



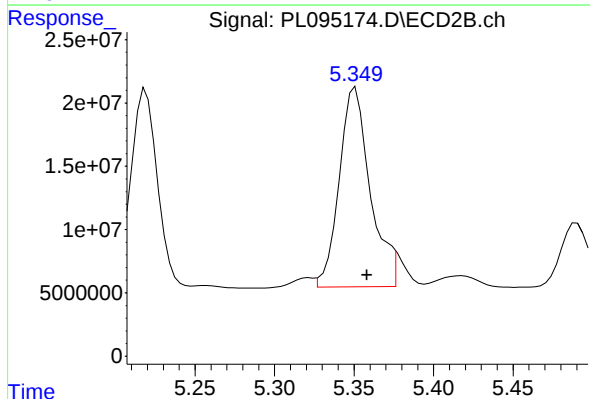
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 152091272
Conc: 47.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-15MSD

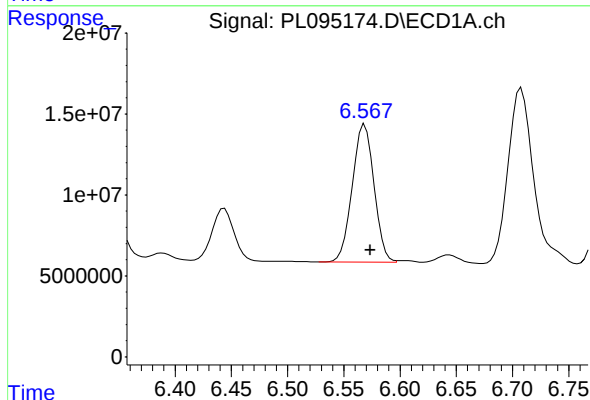
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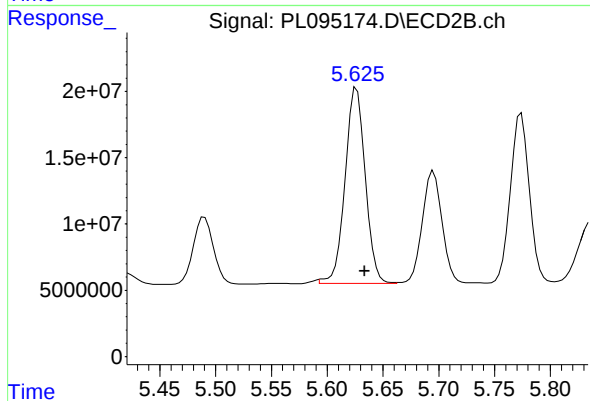
#13 Dieldrin

R.T.: 5.349 min
Delta R.T.: -0.009 min
Response: 212722002
Conc: 43.84 ng/ml m



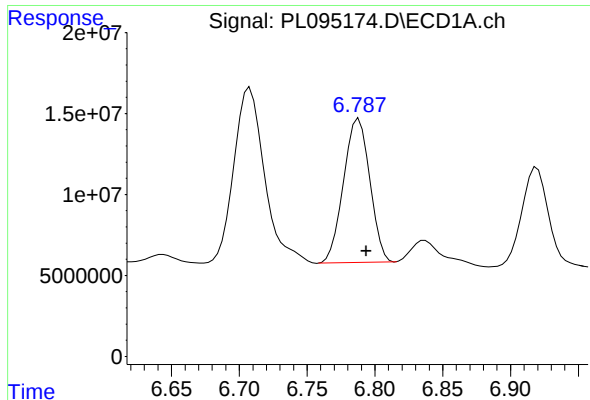
#14 Endrin

R.T.: 6.567 min
Delta R.T.: -0.006 min
Response: 114509280
Conc: 41.31 ng/ml m



#14 Endrin

R.T.: 5.625 min
Delta R.T.: -0.009 min
Response: 185520607
Conc: 42.52 ng/ml m



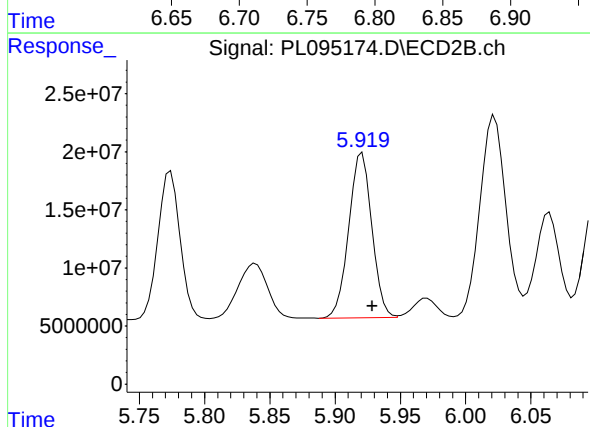
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: -0.006 min
Response: 119847310
Conc: 44.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-15MSD

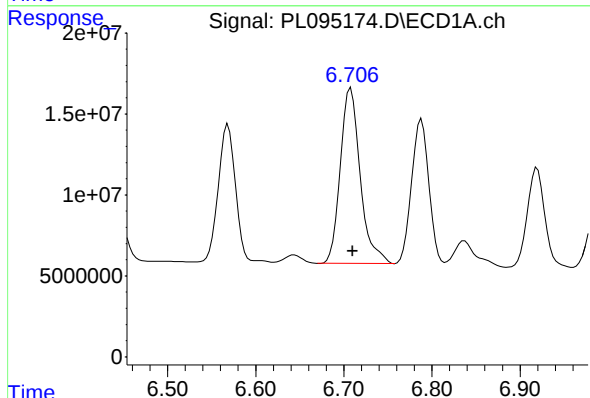
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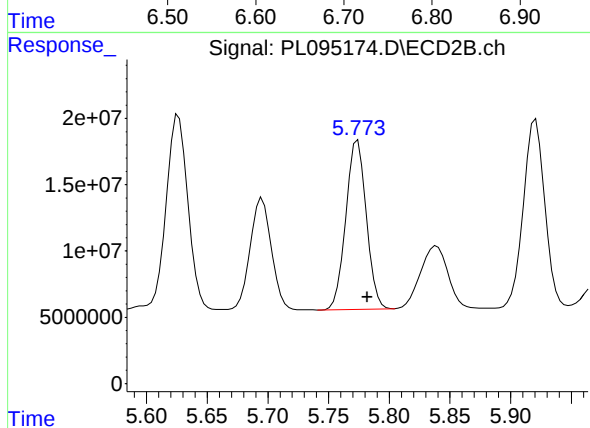
#15 Endosulfan II

R.T.: 5.919 min
Delta R.T.: -0.009 min
Response: 175095690
Conc: 40.45 ng/ml m



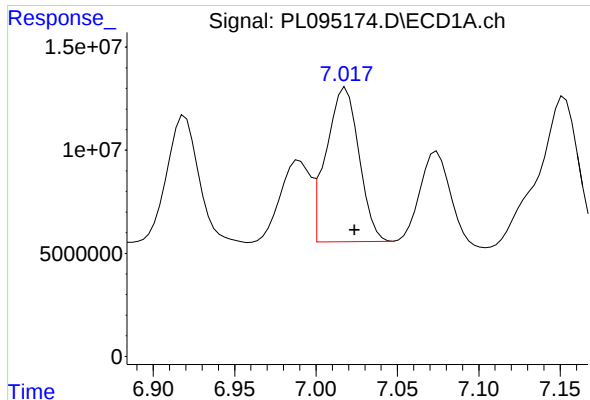
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 170857967
Conc: 78.88 ng/ml



#16 4,4'-DDD

R.T.: 5.774 min
Delta R.T.: -0.008 min
Response: 149725395
Conc: 41.64 ng/ml



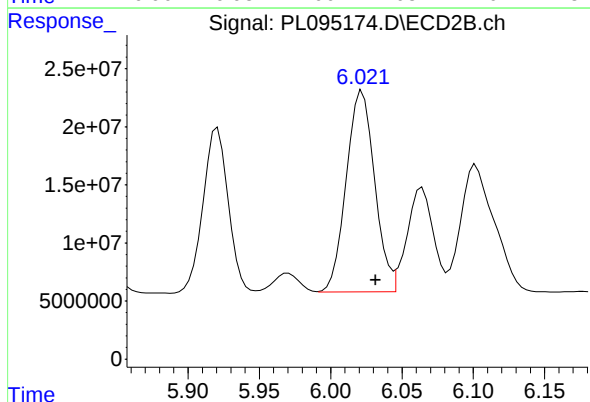
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: -0.005 min
Response: 104344684
Conc: 43.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-15MSD

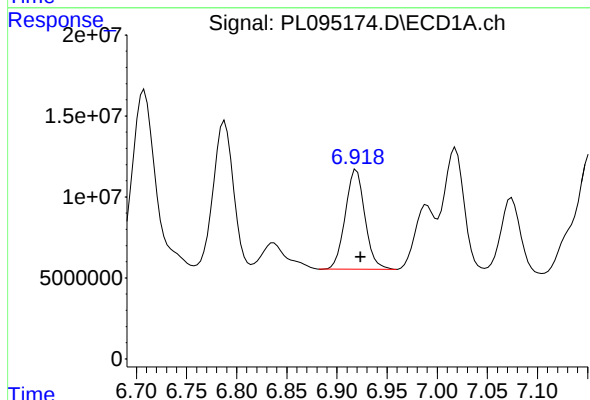
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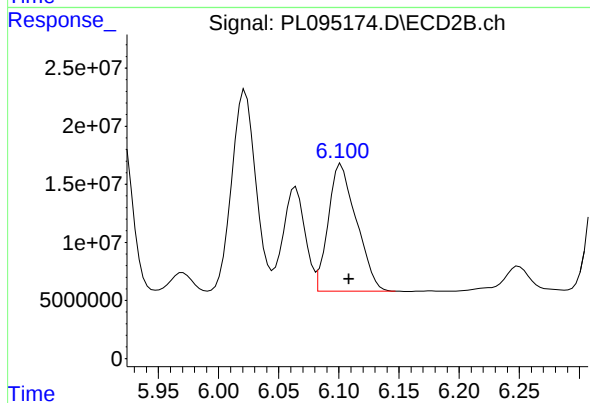
#17 4,4'-DDT

R.T.: 6.022 min
Delta R.T.: -0.009 min
Response: 239791537
Conc: 59.47 ng/ml



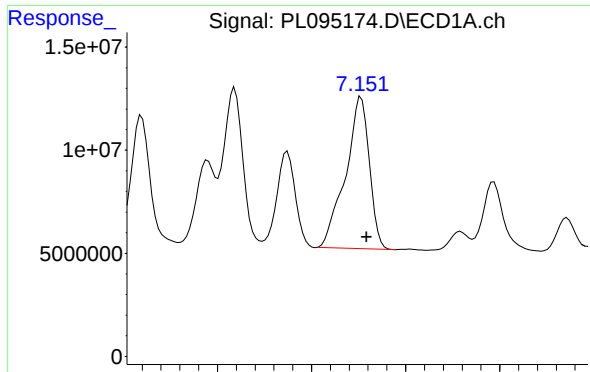
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: -0.004 min
Response: 83647981
Conc: 39.62 ng/ml



#18 Endrin aldehyde

R.T.: 6.102 min
Delta R.T.: -0.006 min
Response: 178512711
Conc: 53.04 ng/ml



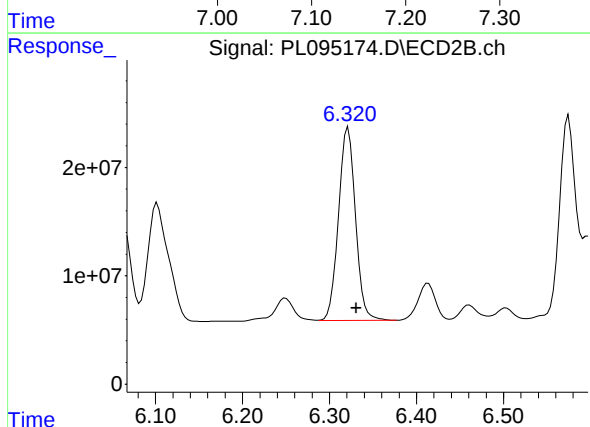
#19 Endosulfan Sulfate

R.T.: 7.153 min
Delta R.T.: -0.006 min
Response: 128990047
Conc: 53.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-15MSD

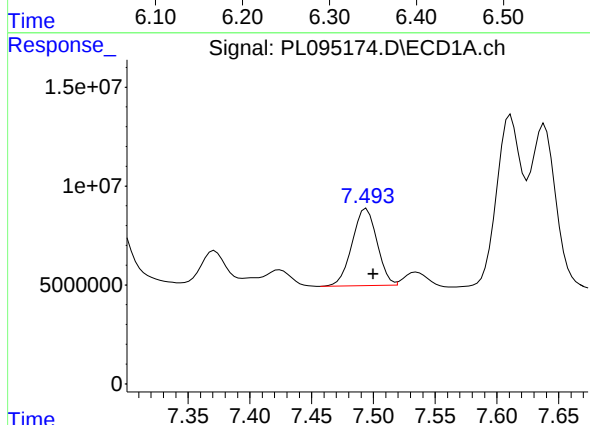
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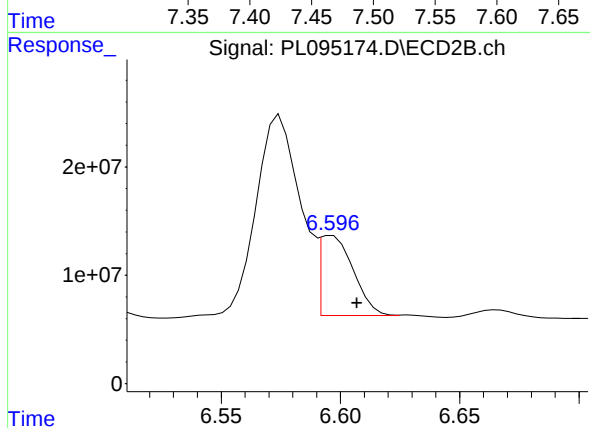
#19 Endosulfan Sulfate

R.T.: 6.321 min
Delta R.T.: -0.009 min
Response: 242437045
Conc: 59.52 ng/ml



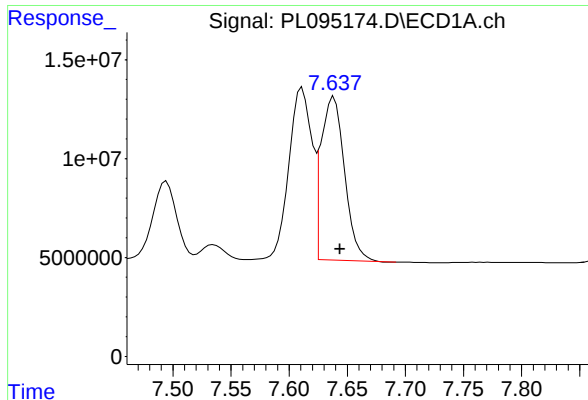
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: -0.005 min
Response: 54601593
Conc: 45.61 ng/ml



#20 Methoxychlor

R.T.: 6.596 min
Delta R.T.: -0.011 min
Response: 66162594
Conc: 31.19 ng/ml m



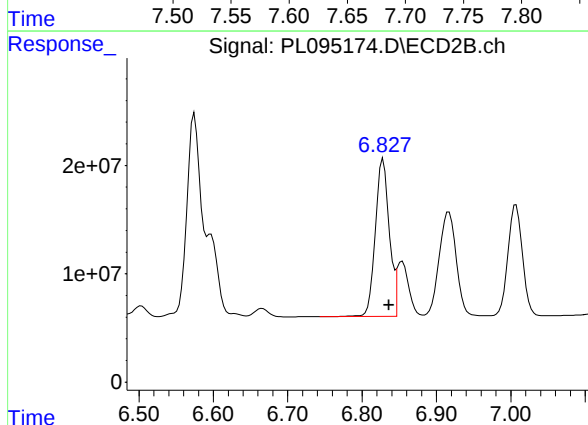
#21 Endrin ketone

R.T.: 7.639 min
Delta R.T.: -0.005 min
Response: 116469363
Conc: 44.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-15MSD

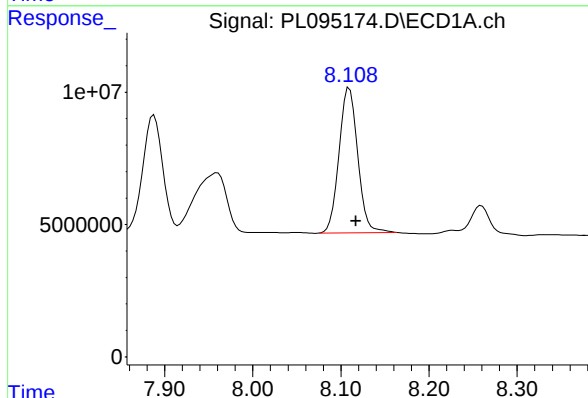
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2025
Supervised By :mohammad ahmed 04/14/2025



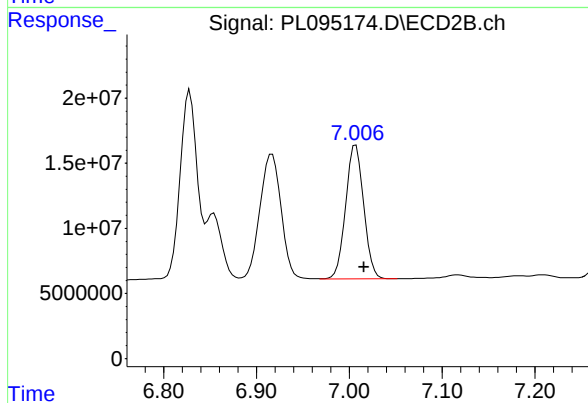
#21 Endrin ketone

R.T.: 6.828 min
Delta R.T.: -0.008 min
Response: 189928685
Conc: 39.80 ng/ml



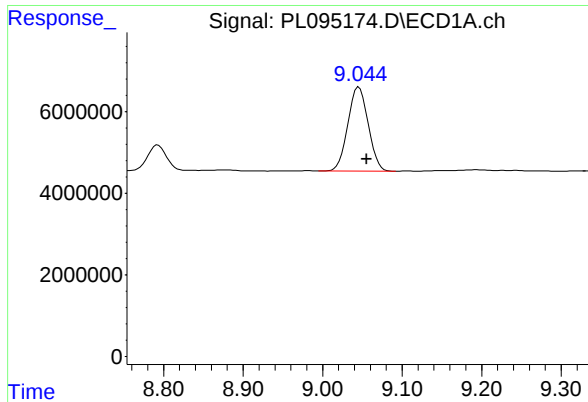
#22 Mirex

R.T.: 8.110 min
Delta R.T.: -0.007 min
Response: 80985662
Conc: 39.19 ng/ml



#22 Mirex

R.T.: 7.007 min
Delta R.T.: -0.009 min
Response: 138745824
Conc: 36.56 ng/ml



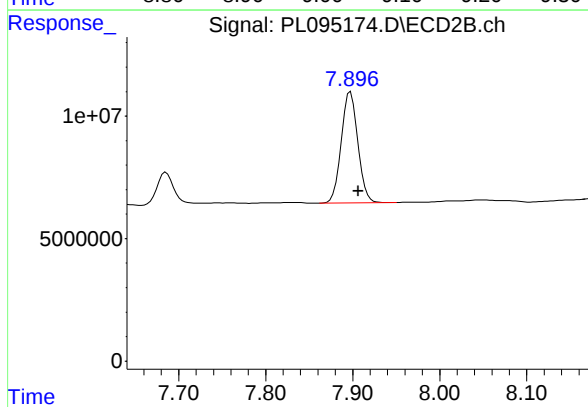
#28 Decachlorobiphenyl

R.T.: 9.046 min
Delta R.T.: -0.010 min
Response: 36809756
Conc: 17.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-15MSD

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 04/14/2025



#28 Decachlorobiphenyl

R.T.: 7.897 min
Delta R.T.: -0.009 min
Response: 60448725
Conc: 14.96 ng/ml