

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021725\
 Data File : PL094235.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Feb 2025 14:54
 Operator : AR\AJ
 Sample : Q1372-01MSD 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 AU-05-021425MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/18/2025
 Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 18 00:53:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 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...	3.534	2.772	4113469	6945876	1.528m	2.128 #
28) SA Decachlor...	9.052	7.907	4514793	6266101	2.158	1.788
Target Compounds						
2) A alpha-BHC	3.991	3.274	15545888	14420928	4.055m	2.950 #
3) MA gamma-BHC...	4.325	3.604	16739378	16472154	4.545	3.474
4) MA Heptachlor	4.913	3.942	15372475	19549380	4.691	4.200
5) MB Aldrin	5.253	4.219	15136971	16304159	4.626m	3.574m
6) B beta-BHC	4.523	3.905	7843695	10443654	4.880m	5.229
7) B delta-BHC	4.769	4.131	16789011	16341558	4.790m	3.439m#
8) B Heptachlo...	5.681	4.724	15148804	16610021	5.094	3.973
9) A Endosulfan I	6.067	5.093	12152266	13632027	4.598	3.516m
10) B gamma-Chl...	5.937	4.973	15307020	21048246	5.492	4.967m
11) B alpha-Chl...	6.017	5.038	14878314	19190770	5.336	4.584
12) B 4,4'-DDE	6.189	5.225	11908224	16725175	4.891	4.171m
13) MA Dieldrin	6.342	5.357	14825316	19170317	5.341	4.463m
14) MA Endrin	6.570	5.632	11227436	17467763	4.788m	4.730m
15) B Endosulfa...	6.792	5.929	12028860	15880118	4.993	4.287
16) A 4,4'-DDD	6.708	5.781	10657488	12516291	5.608	3.965 #
17) MA 4,4'-DDT	7.022	6.030	10972867	15198676	5.564	4.671m
18) B Endrin al...	6.923	6.108	8501486	12113865	4.373	3.979
19) B Endosulfa...	7.157	6.331	10909991	13773253	4.819	3.862
20) A Methoxychlor	7.499	6.606	5240065	6796063	5.022	3.801
21) B Endrin ke...	7.641	6.836	11596319	14808744	4.597m	3.530
22) Mirex	8.115	7.016	9079688	13138992	4.360	3.885

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021725\
Data File : PL094235.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Feb 2025 14:54
Operator : AR\AJ
Sample : Q1372-01MSD 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

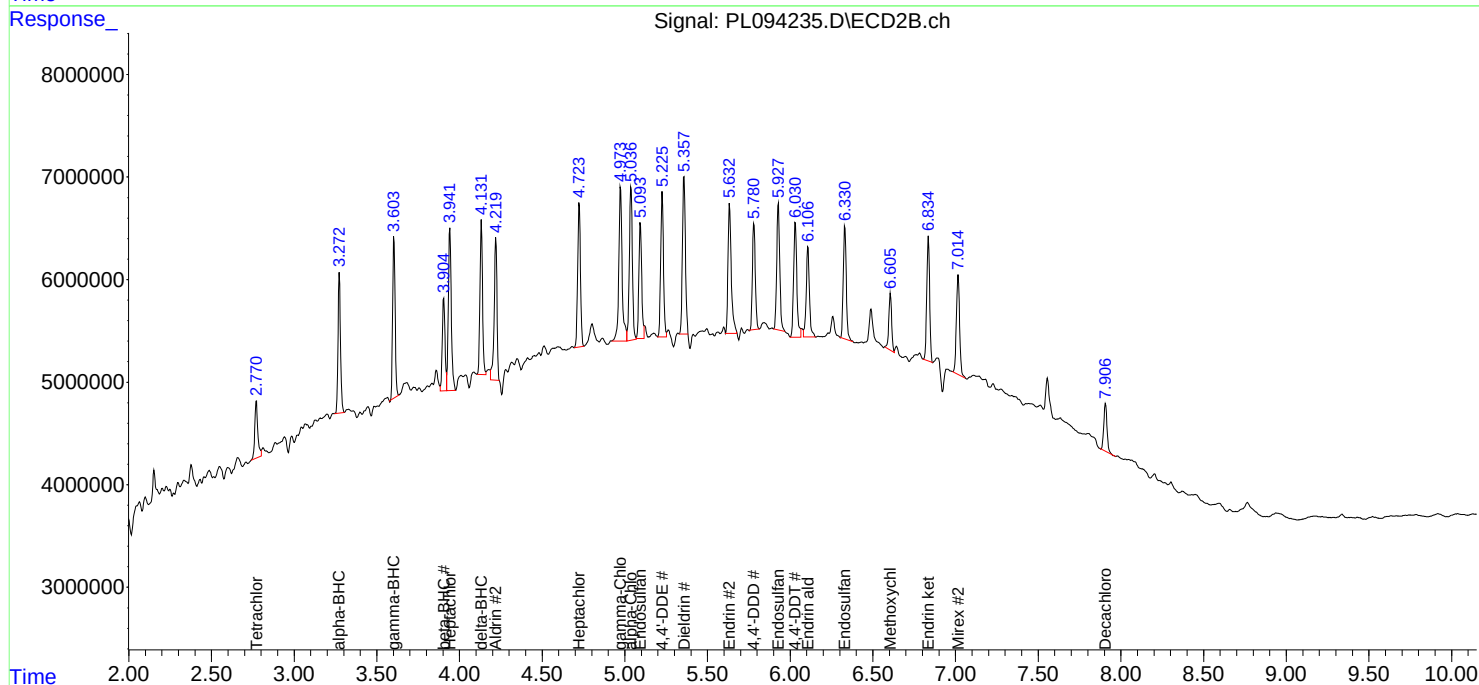
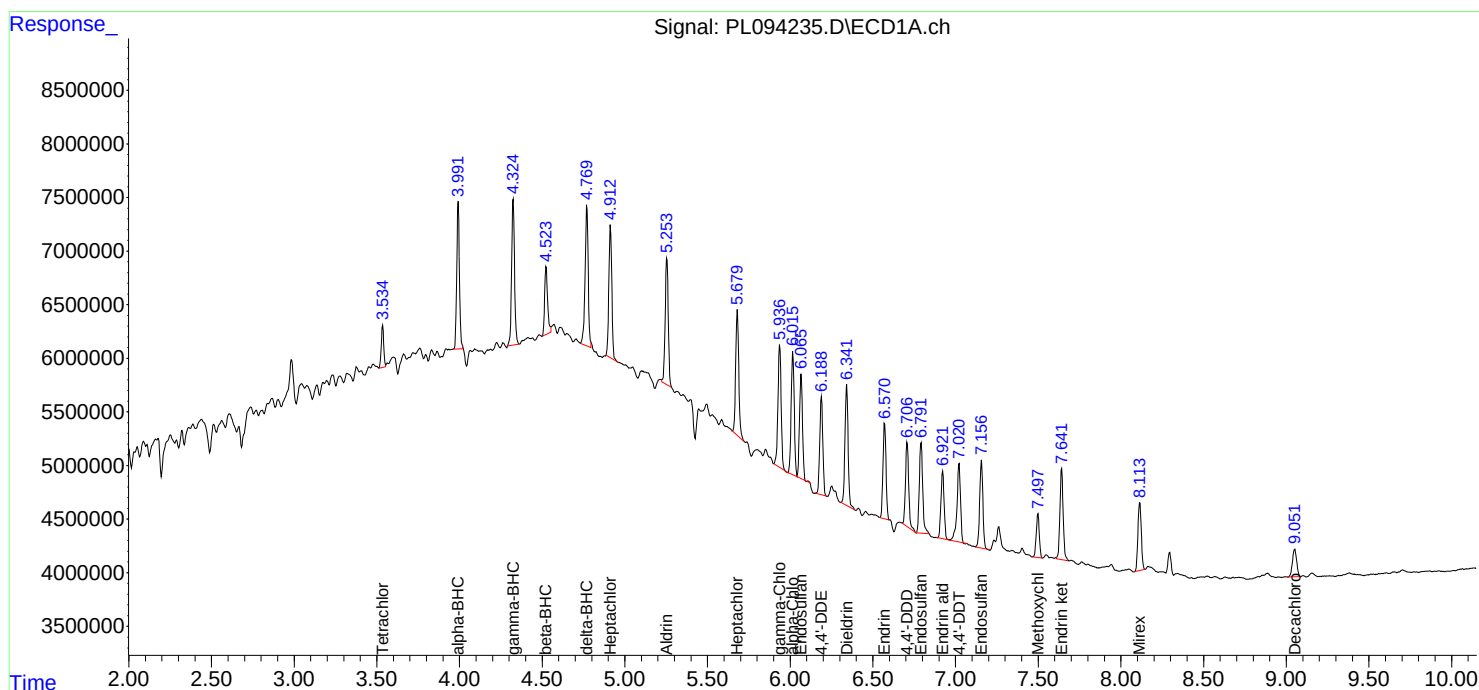
Instrument :
ECD_L
ClientSampleId :
AU-05-021425MSD

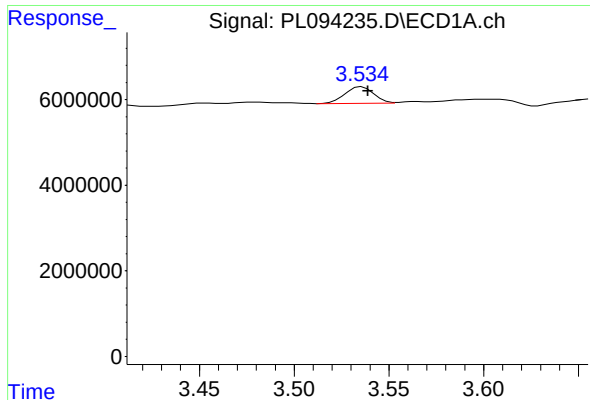
Manual Integrations
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Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 18 00:53:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 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





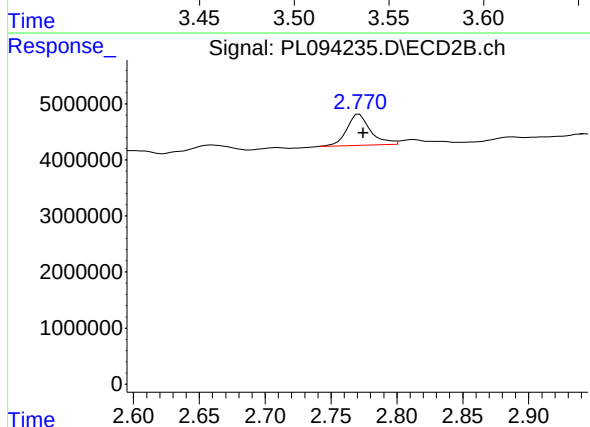
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.005 min
Response: 4113469
Conc: 1.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-021425MSD

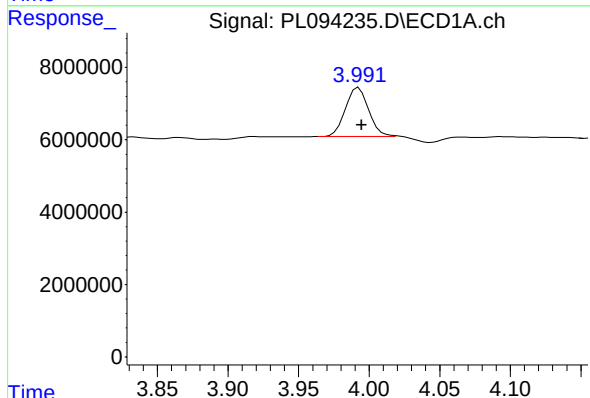
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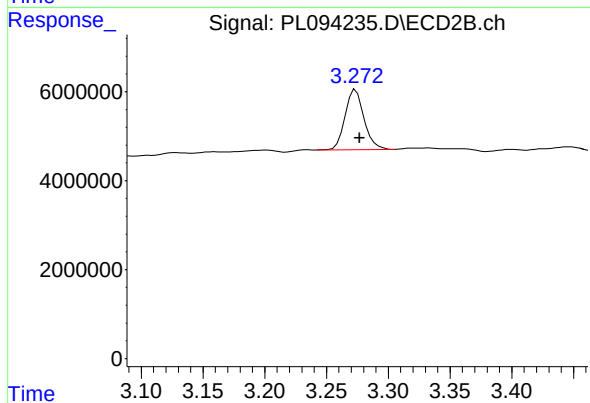
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: -0.003 min
Response: 6945876
Conc: 2.13 ng/ml



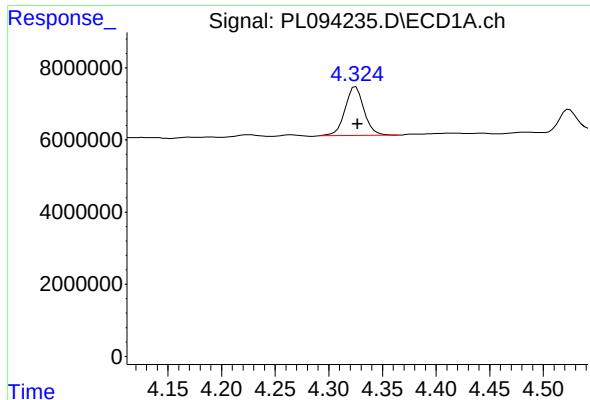
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.003 min
Response: 15545888
Conc: 4.05 ng/ml m



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: -0.003 min
Response: 14420928
Conc: 2.95 ng/ml



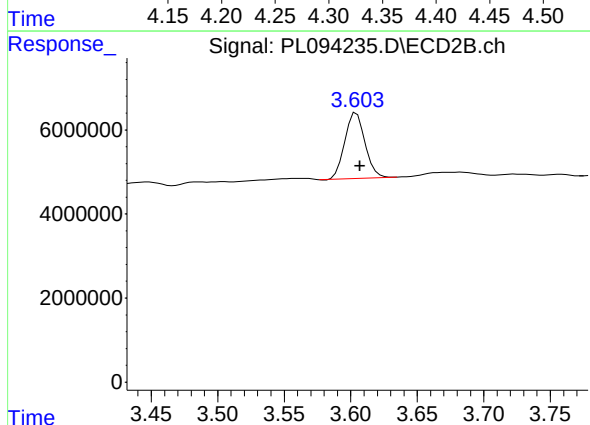
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 16739378
Conc: 4.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-021425MSD

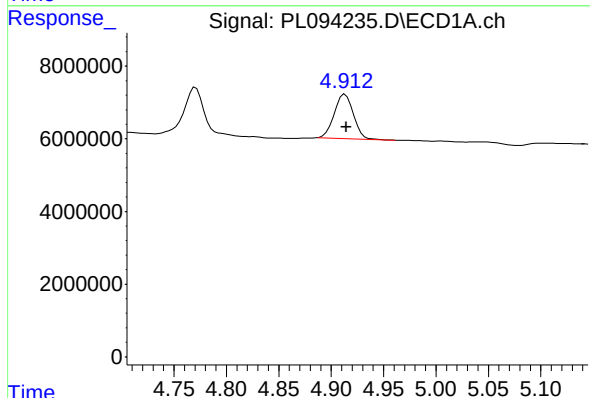
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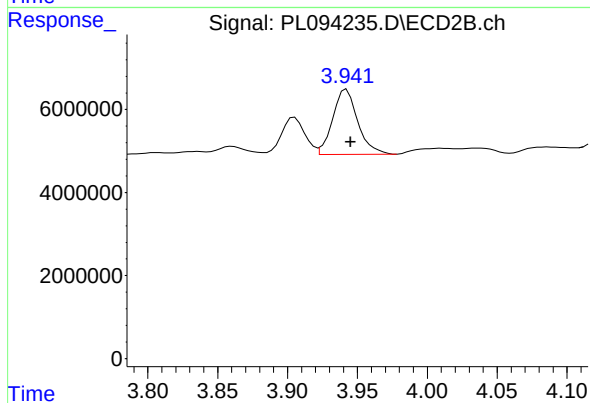
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: -0.003 min
Response: 16472154
Conc: 3.47 ng/ml



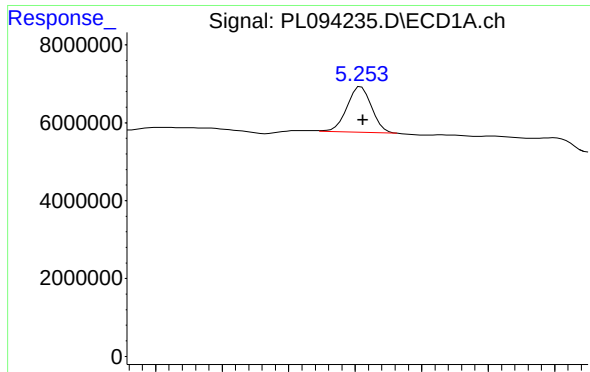
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.001 min
Response: 15372475
Conc: 4.69 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: -0.003 min
Response: 19549380
Conc: 4.20 ng/ml



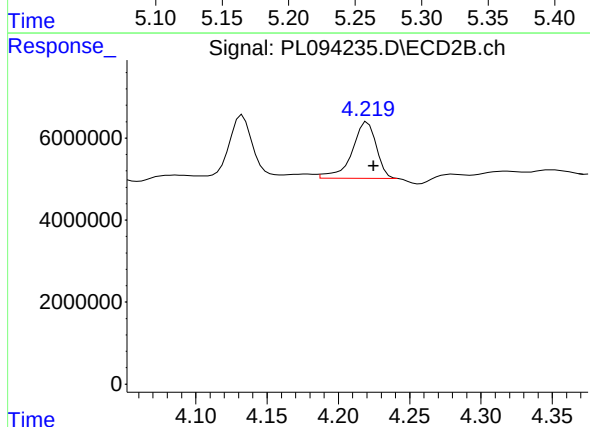
#5 Aldrin

R.T.: 5.253 min
Delta R.T.: -0.003 min
Response: 15136971
Conc: 4.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-021425MSD

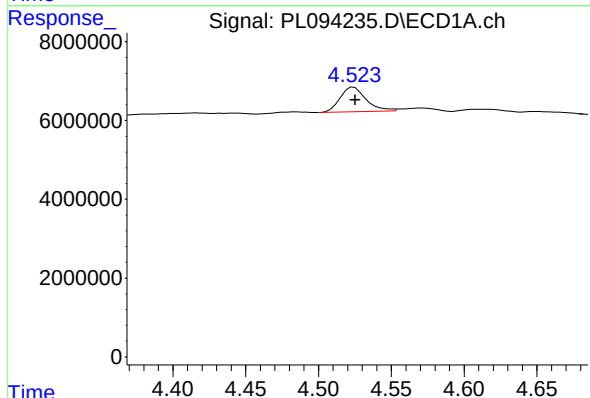
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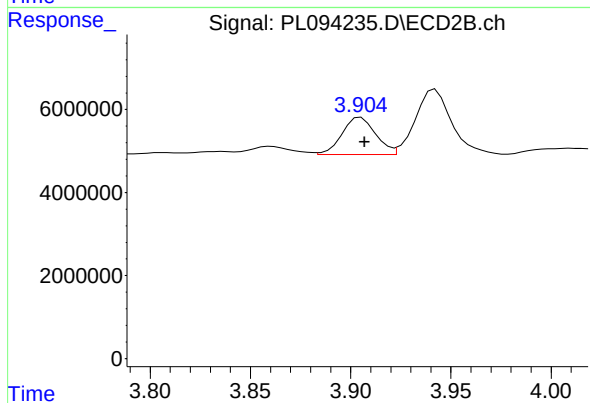
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.006 min
Response: 16304159
Conc: 3.57 ng/ml m



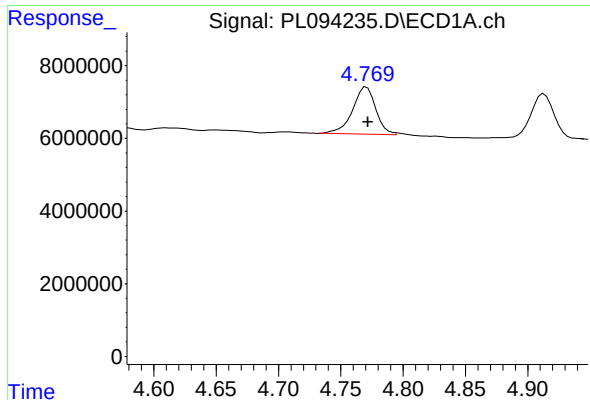
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 7843695
Conc: 4.88 ng/ml m



#6 beta-BHC

R.T.: 3.905 min
Delta R.T.: -0.002 min
Response: 10443654
Conc: 5.23 ng/ml



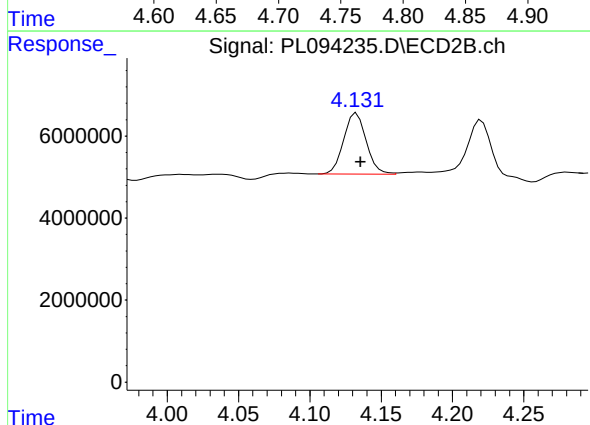
#7 delta-BHC

R.T.: 4.769 min
Delta R.T.: -0.002 min
Response: 16789011
Conc: 4.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-021425MSD

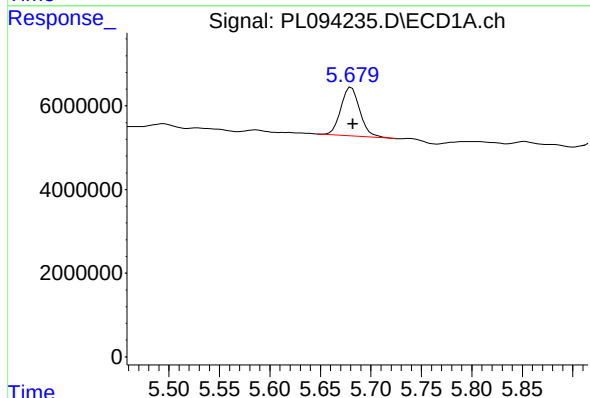
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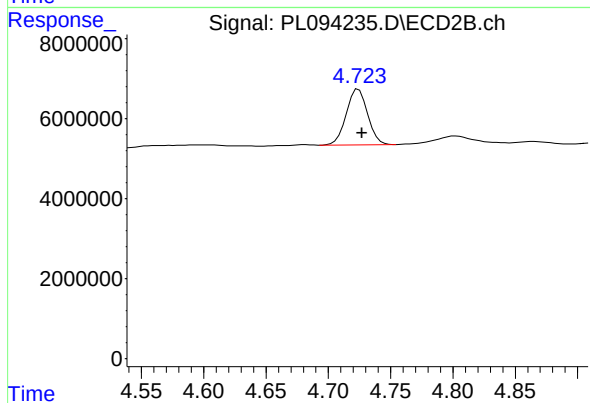
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.004 min
Response: 16341558
Conc: 3.44 ng/ml m



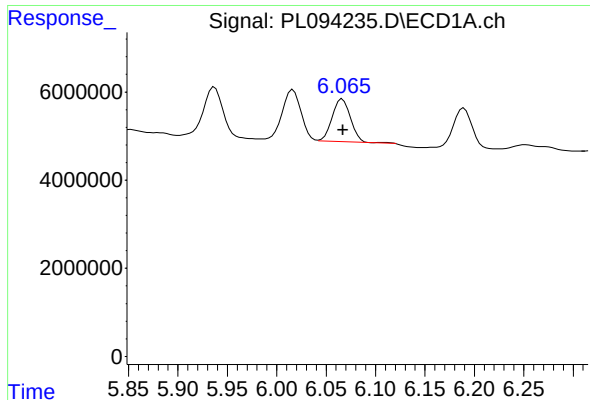
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 15148804
Conc: 5.09 ng/ml



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: -0.003 min
Response: 16610021
Conc: 3.97 ng/ml



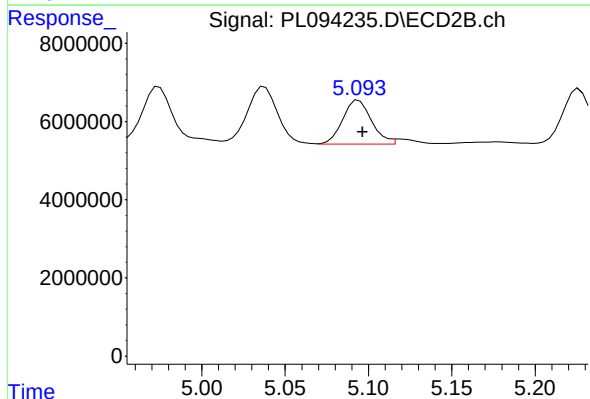
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 12152266
Conc: 4.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-021425MSD

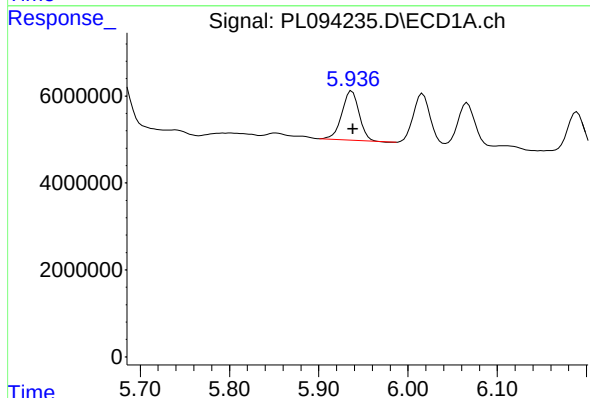
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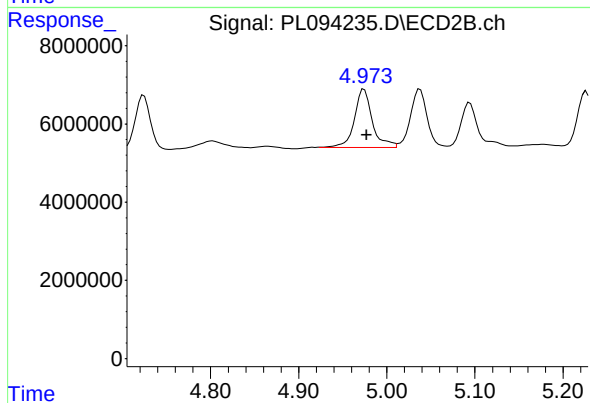
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: -0.004 min
Response: 13632027
Conc: 3.52 ng/ml m



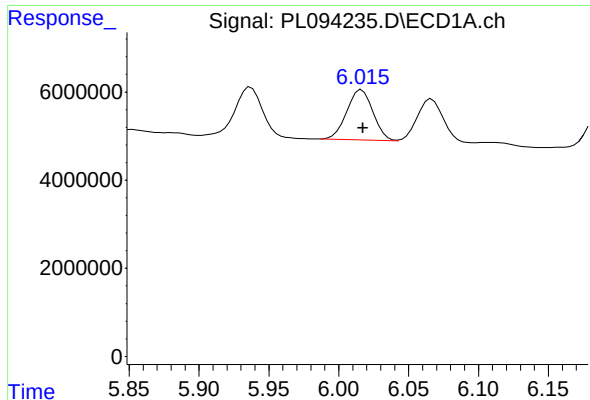
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.001 min
Response: 15307020
Conc: 5.49 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: -0.004 min
Response: 21048246
Conc: 4.97 ng/ml m



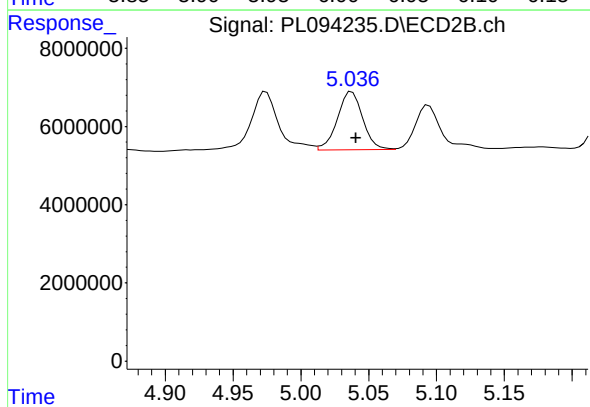
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 14878314
Conc: 5.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-021425MSD

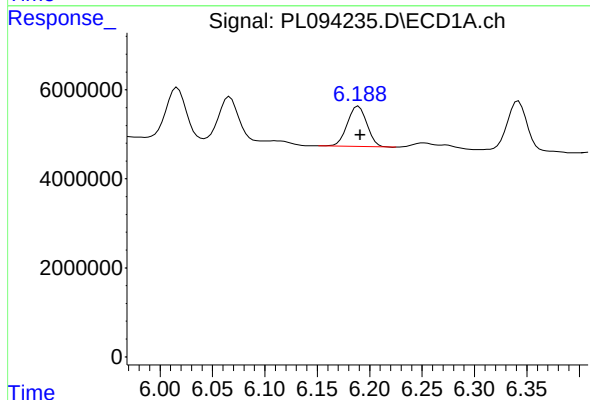
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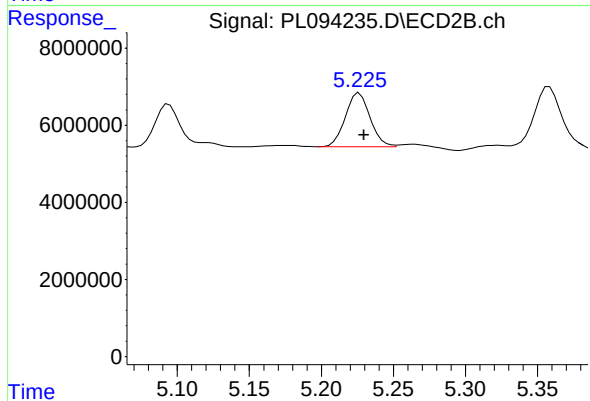
#11 alpha-Chlordane

R.T.: 5.038 min
Delta R.T.: -0.003 min
Response: 19190770
Conc: 4.58 ng/ml



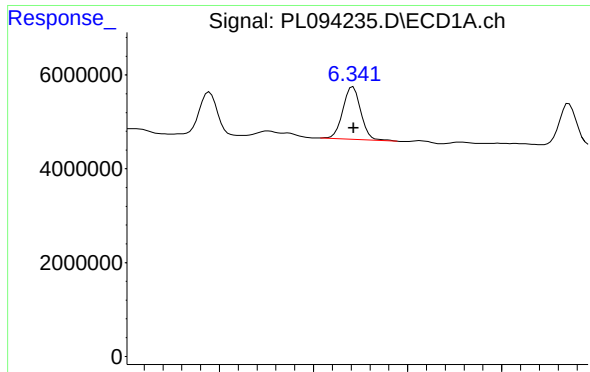
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.002 min
Response: 11908224
Conc: 4.89 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: -0.005 min
Response: 16725175
Conc: 4.17 ng/ml m



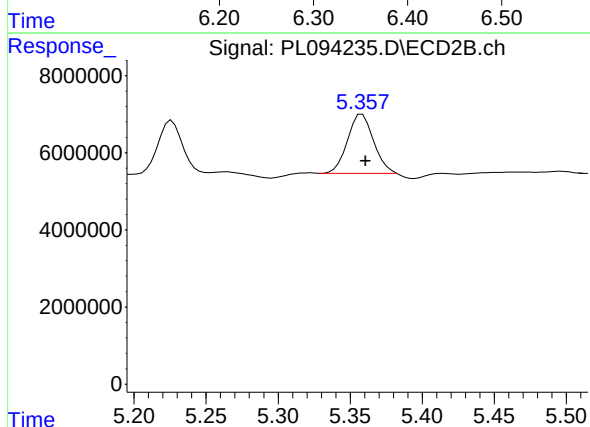
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: 0.000 min
Response: 14825316
Conc: 5.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-021425MSD

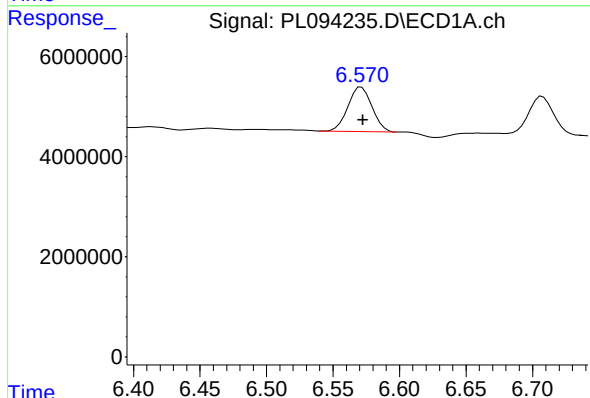
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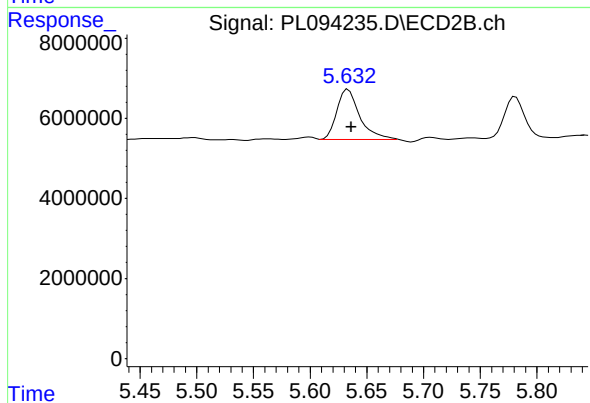
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: -0.004 min
Response: 19170317
Conc: 4.46 ng/ml



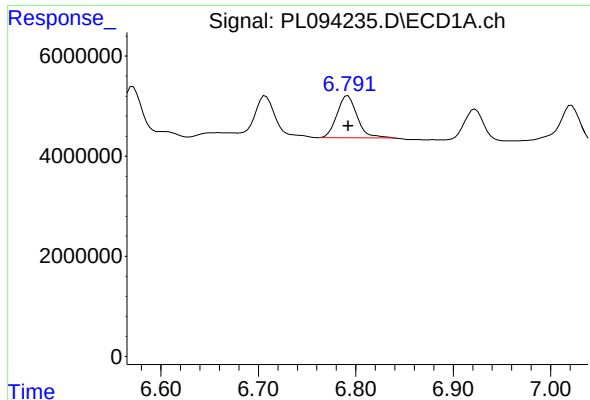
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.003 min
Response: 11227436
Conc: 4.79 ng/ml



#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.004 min
Response: 17467763
Conc: 4.73 ng/ml



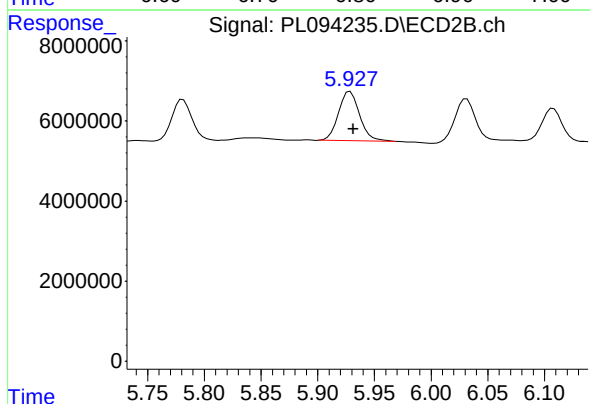
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 12028860
Conc: 4.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-021425MSD

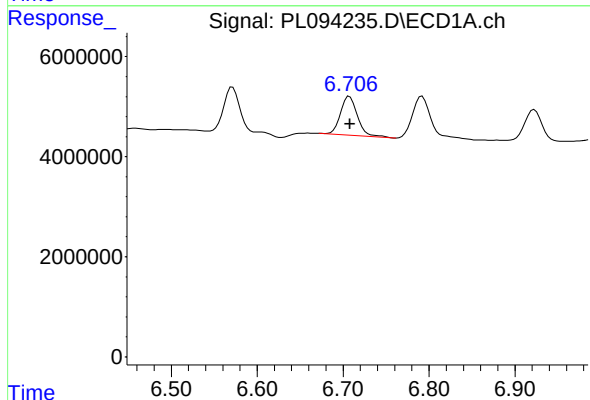
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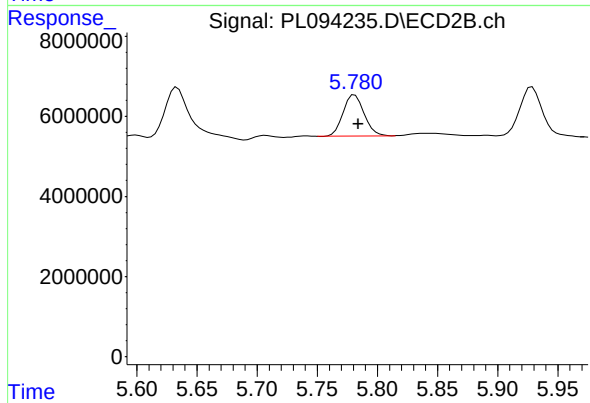
#15 Endosulfan II

R.T.: 5.929 min
Delta R.T.: -0.003 min
Response: 15880118
Conc: 4.29 ng/ml



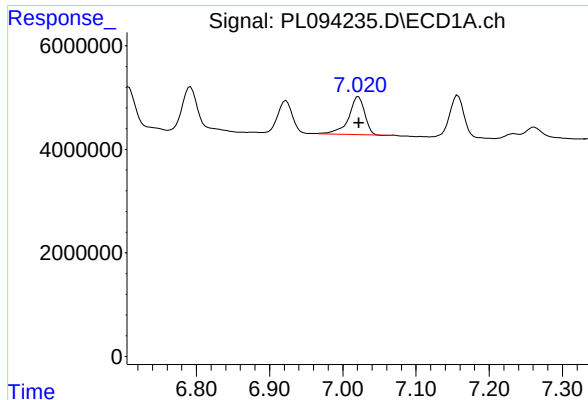
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 10657488
Conc: 5.61 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: -0.003 min
Response: 12516291
Conc: 3.97 ng/ml



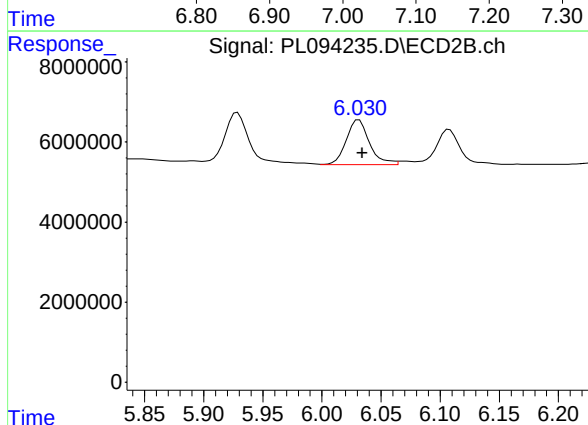
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 10972867
Conc: 5.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-021425MSD

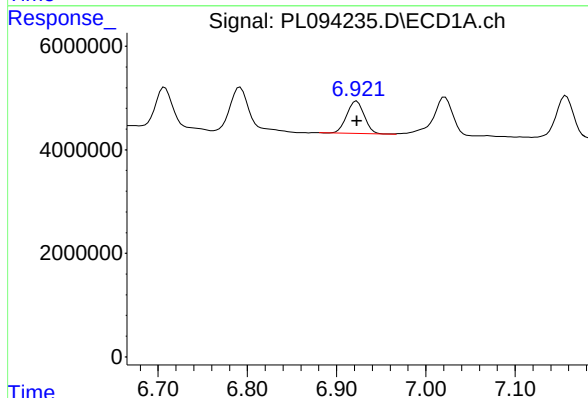
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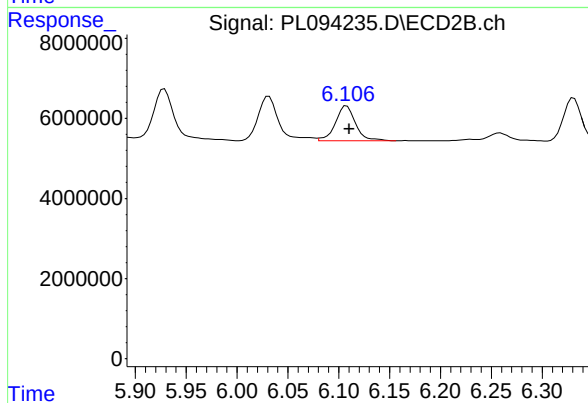
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.004 min
Response: 15198676
Conc: 4.67 ng/ml m



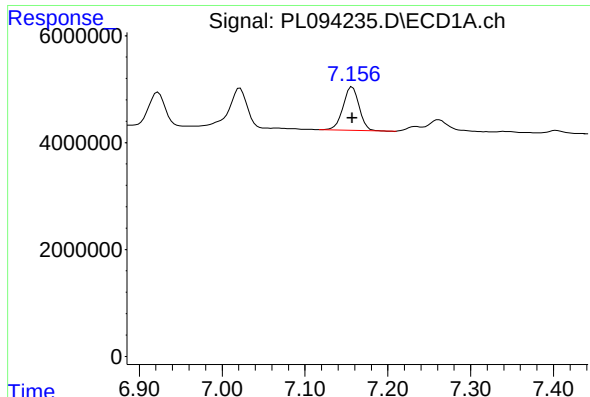
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 8501486
Conc: 4.37 ng/ml



#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: -0.002 min
Response: 12113865
Conc: 3.98 ng/ml



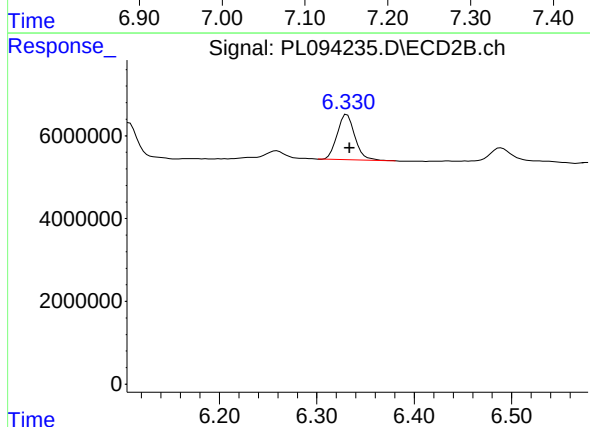
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 10909991
Conc: 4.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-021425MSD

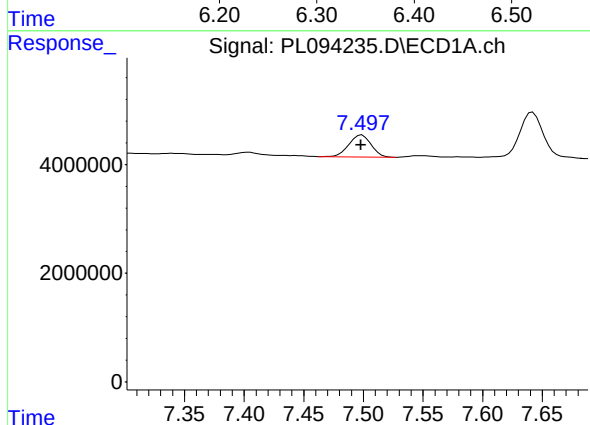
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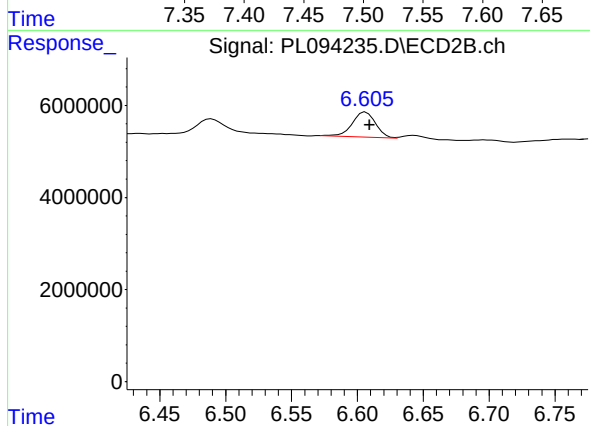
#19 Endosulfan Sulfate

R.T.: 6.331 min
Delta R.T.: -0.002 min
Response: 13773253
Conc: 3.86 ng/ml



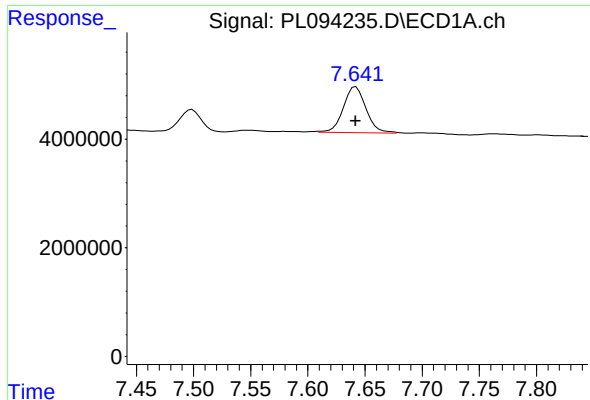
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 5240065
Conc: 5.02 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: -0.003 min
Response: 6796063
Conc: 3.80 ng/ml



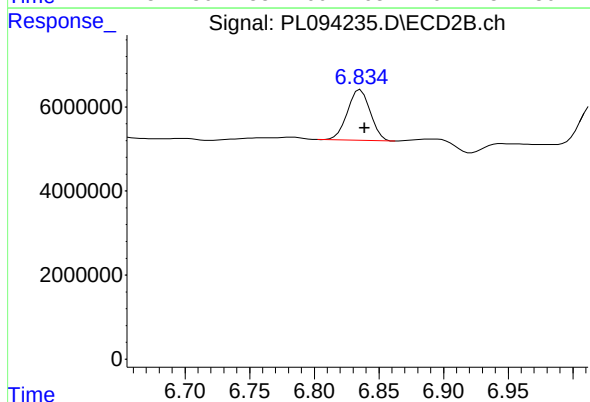
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.001 min
Response: 11596319
Conc: 4.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-021425MSD

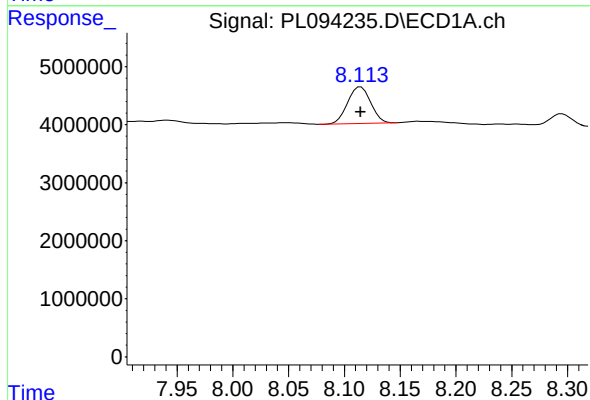
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Supervised By :Ankita Jodhani 02/20/2025



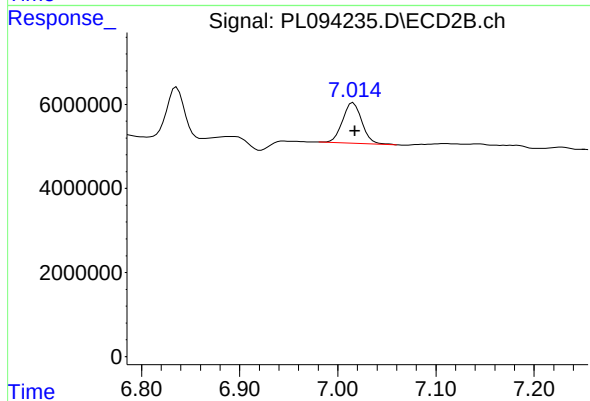
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: -0.003 min
Response: 14808744
Conc: 3.53 ng/ml



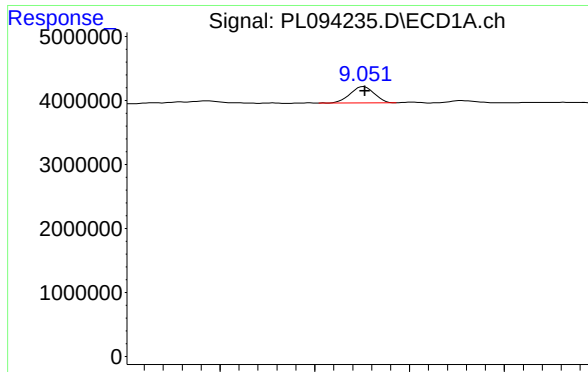
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 9079688
Conc: 4.36 ng/ml



#22 Mirex

R.T.: 7.016 min
Delta R.T.: -0.002 min
Response: 13138992
Conc: 3.89 ng/ml



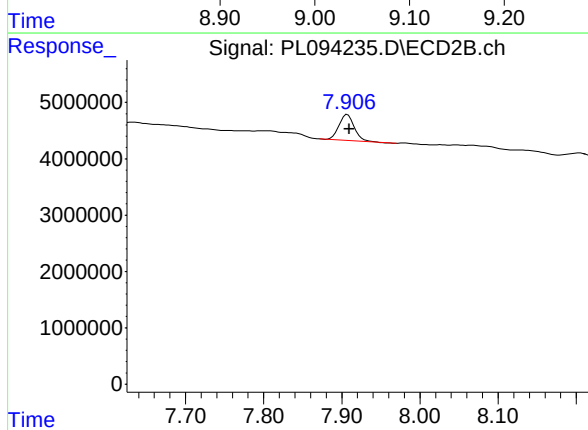
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: -0.001 min
Response: 4514793
Conc: 2.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-021425MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/18/2025
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#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: -0.003 min
Response: 6266101
Conc: 1.79 ng/ml