

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040425\
 Data File : PL095052.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Apr 2025 14:22
 Operator : AR\AJ
 Sample : Q1721-02MSD 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 AU-05-040325MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/07/2025
 Supervised By :mohammad ahmed 04/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 22:32:42 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...	3.534	2.768	3929469	6307837	1.388	1.767 #
2) SA Decachlor...	9.043	7.895	3113009	5525678	1.477m	1.368m
Target Compounds						
2) A alpha-BHC	3.990	3.269	20207384	24142995	4.867	4.478
3) MA gamma-BHC...	4.322	3.599	19719952	23511180	4.942	4.575
4) MA Heptachlor	4.909	3.936	16732802	20499694	4.311	3.891
5) MB Aldrin	5.250	4.215	18252505	22166928	4.944	4.546
6) B beta-BHC	4.522	3.899	9825812	11741500	5.325	5.286
7) B delta-BHC	4.766	4.127	23345345	21097680	5.995m	4.218 #
8) B Heptachlo...	5.677	4.716	16416349	21291435	4.907	4.650m
9) A Endosulfan I	6.062	5.085	15692875	20037482	5.111	4.566m
10) B gamma-Chl...	5.933	4.965	17453866	22305924	5.180	4.620m
11) B alpha-Chl...	6.011	5.030	17040657	22068421	5.169	4.624
12) B 4,4'-DDE	6.185	5.217	16738942	22017117	5.690	4.736m
13) MA Dieldrin	6.337	5.350	16303626	21851828	5.098	4.504
14) MA Endrin	6.566	5.625	13671193	19851501	4.932	4.549
15) B Endosulfa...	6.787	5.920	14514222	17367669	5.346	4.013
16) A 4,4'-DDD	6.704	5.773	13713841	16864532	6.331	4.690 #
17) MA 4,4'-DDT	7.016	6.022	10011069	13047072	4.209	3.236m
18) B Endrin al...	6.915	6.100	8126090	9399641	3.849m	2.793 #
19) B Endosulfa...	7.150	6.321	12326048	16167039	5.068m	3.969m
20) A Methoxychlor	7.492	6.598	4783195	7187501	3.996m	3.389
21) B Endrin ke...	7.635	6.826	13502346	16646087	5.108m	3.488m#
22) Mirex	8.108	7.006	10941067	16035887	5.295m	4.225m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040425\
Data File : PL095052.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Apr 2025 14:22
Operator : AR\AJ
Sample : Q1721-02MSD 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

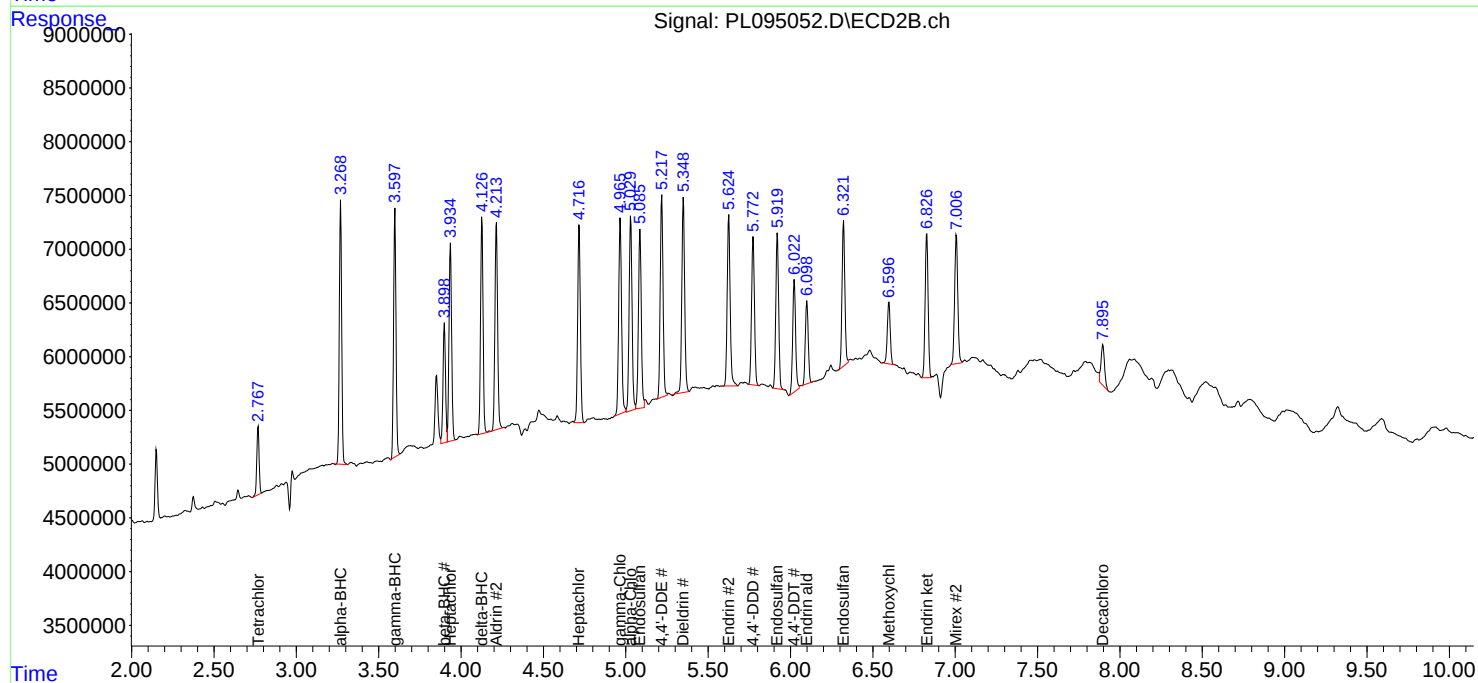
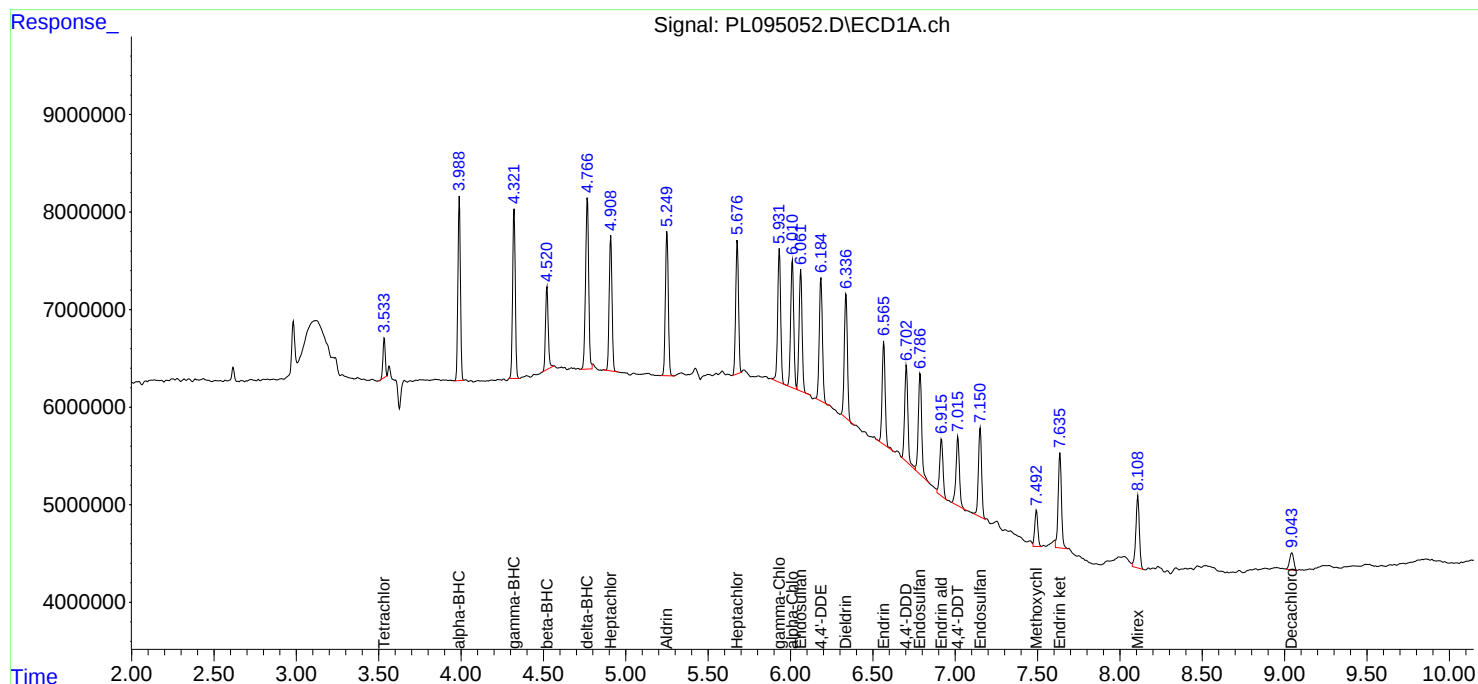
Instrument :
ECD_L
ClientSampleId :
AU-05-040325MSD

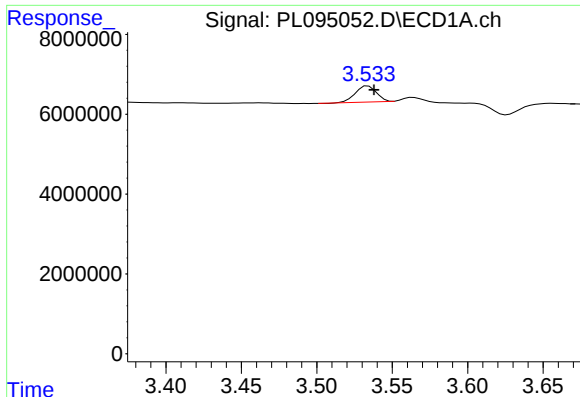
Manual Integrations
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Reviewed By :Abdul Mirza 04/07/2025
Supervised By :mohammad ahmed 04/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 04 22:32:42 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





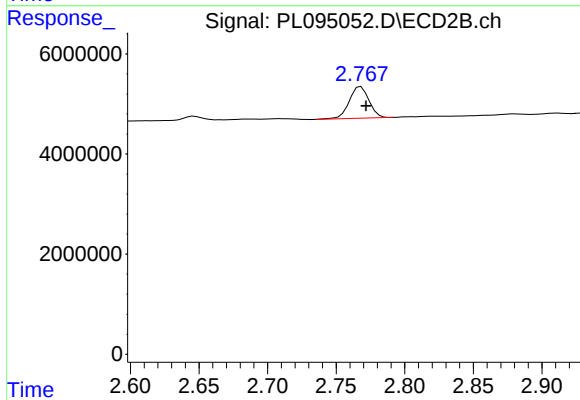
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.004 min
Response: 3929469
Conc: 1.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-040325MSD

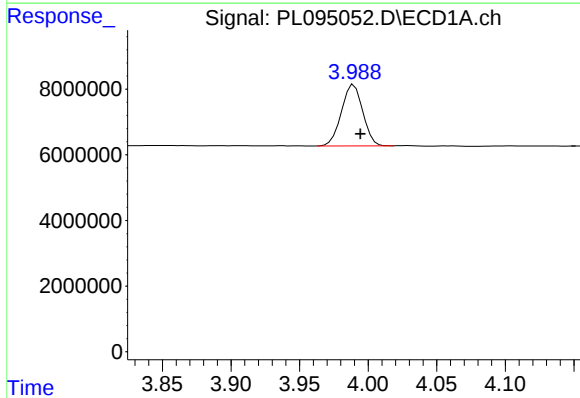
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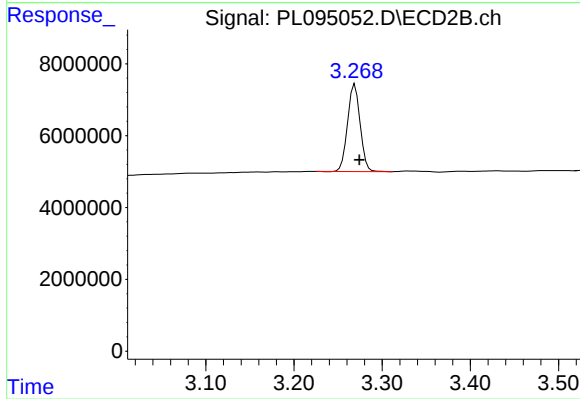
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: -0.004 min
Response: 6307837
Conc: 1.77 ng/ml



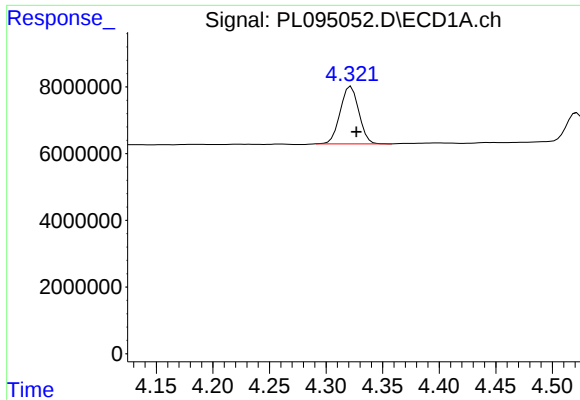
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.005 min
Response: 20207384
Conc: 4.87 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: -0.005 min
Response: 24142995
Conc: 4.48 ng/ml



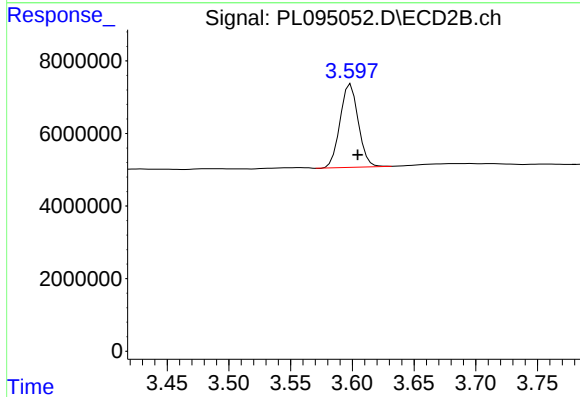
#3 gamma-BHC (Lindane)

R.T.: 4.322 min
Delta R.T.: -0.005 min
Response: 19719952
Conc: 4.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-040325MSD

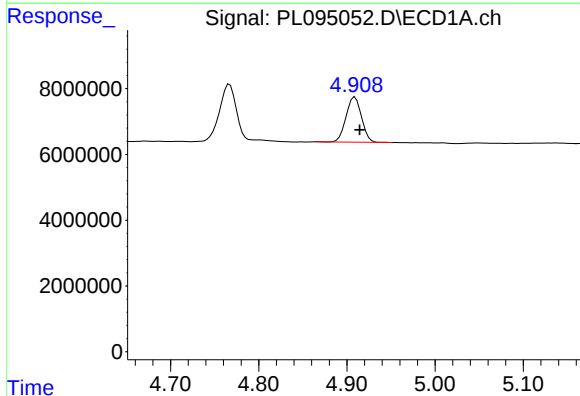
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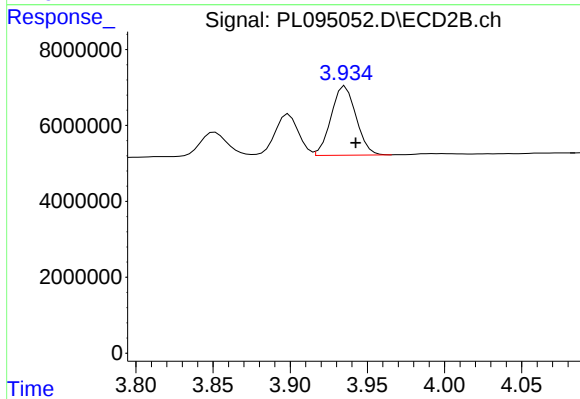
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: -0.006 min
Response: 23511180
Conc: 4.57 ng/ml



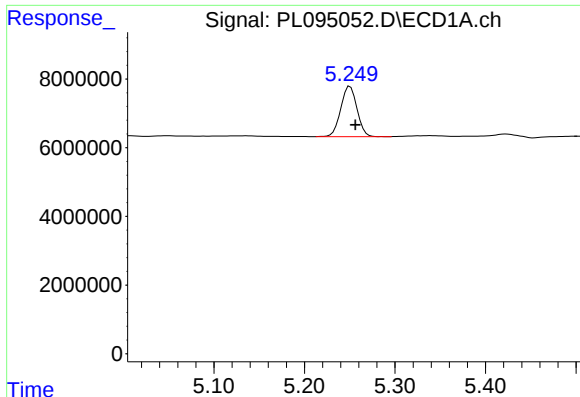
#4 Heptachlor

R.T.: 4.909 min
Delta R.T.: -0.005 min
Response: 16732802
Conc: 4.31 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: -0.007 min
Response: 20499694
Conc: 3.89 ng/ml



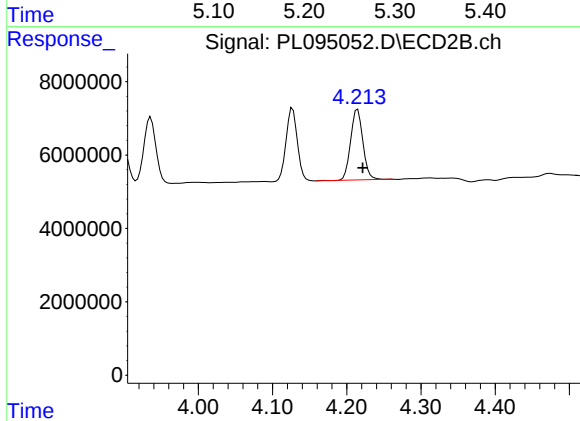
#5 Aldrin

R.T.: 5.250 min
Delta R.T.: -0.006 min
Response: 18252505
Conc: 4.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-040325MSD

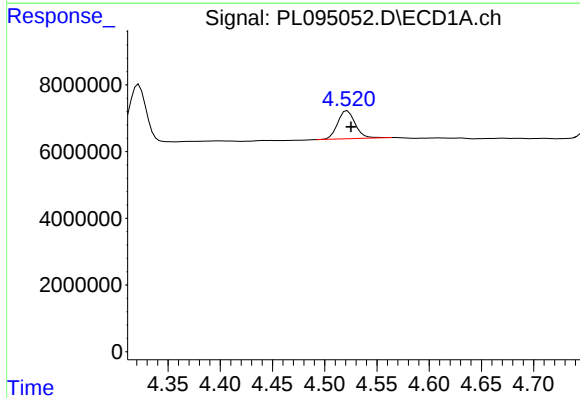
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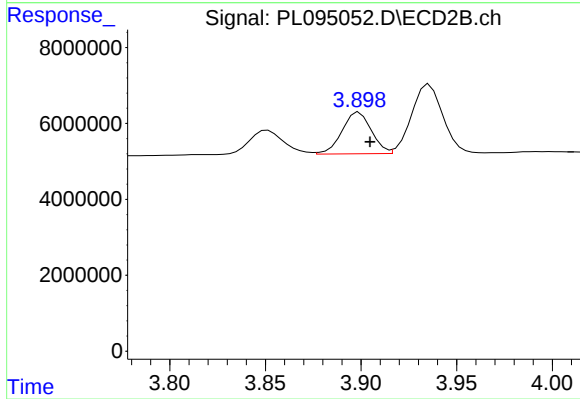
#5 Aldrin

R.T.: 4.215 min
Delta R.T.: -0.007 min
Response: 22166928
Conc: 4.55 ng/ml



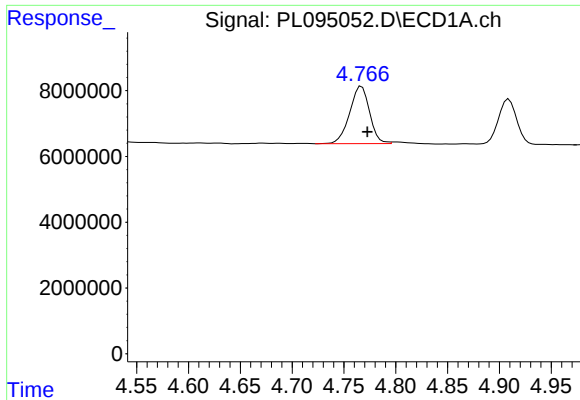
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: -0.004 min
Response: 9825812
Conc: 5.33 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: -0.006 min
Response: 11741500
Conc: 5.29 ng/ml



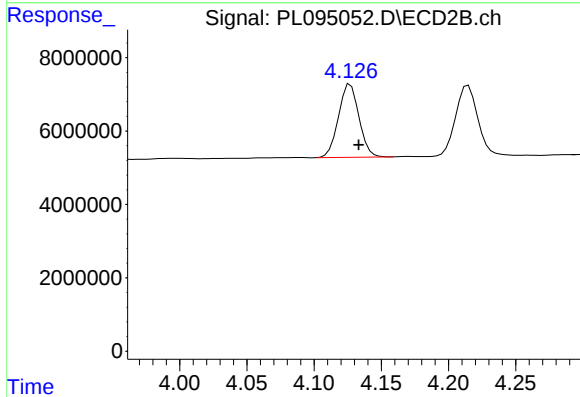
#7 delta-BHC

R.T.: 4.766 min
Delta R.T.: -0.007 min
Response: 23345345
Conc: 5.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-040325MSD

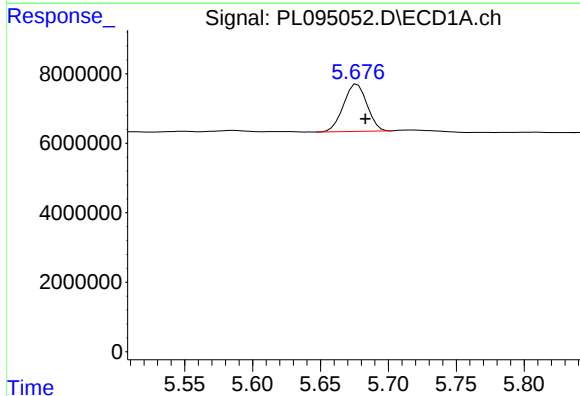
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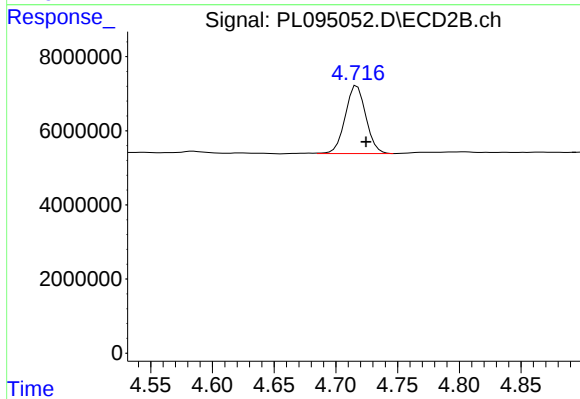
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: -0.006 min
Response: 21097680
Conc: 4.22 ng/ml



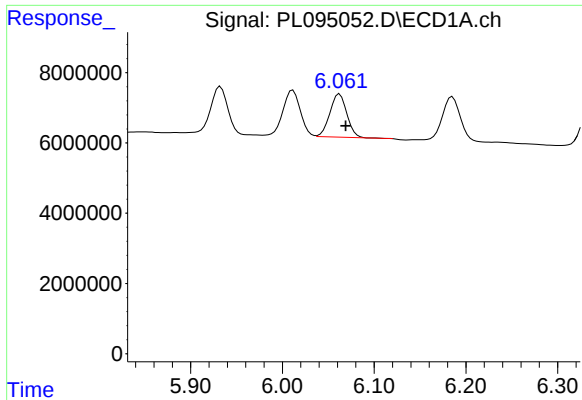
#8 Heptachlor epoxide

R.T.: 5.677 min
Delta R.T.: -0.006 min
Response: 16416349
Conc: 4.91 ng/ml



#8 Heptachlor epoxide

R.T.: 4.716 min
Delta R.T.: -0.009 min
Response: 21291435
Conc: 4.65 ng/ml m



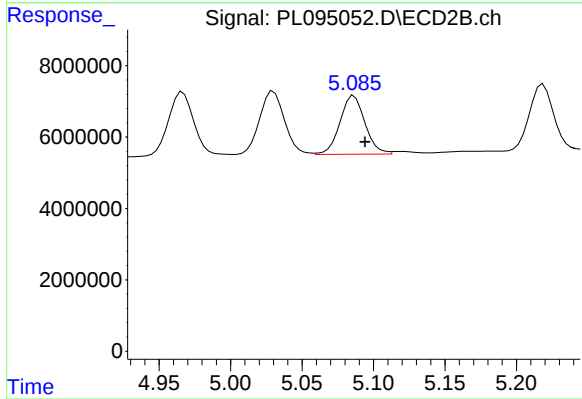
#9 Endosulfan I

R.T.: 6.062 min
Delta R.T.: -0.007 min
Response: 15692875
Conc: 5.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-040325MSD

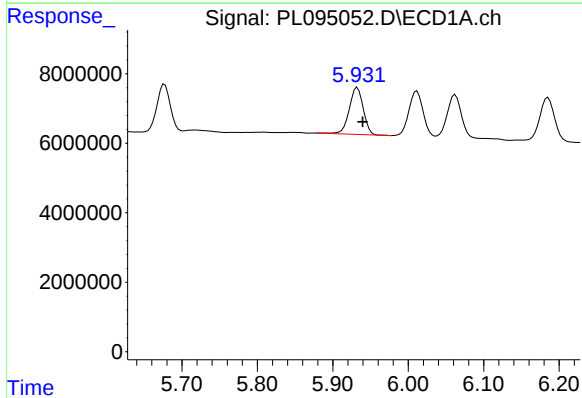
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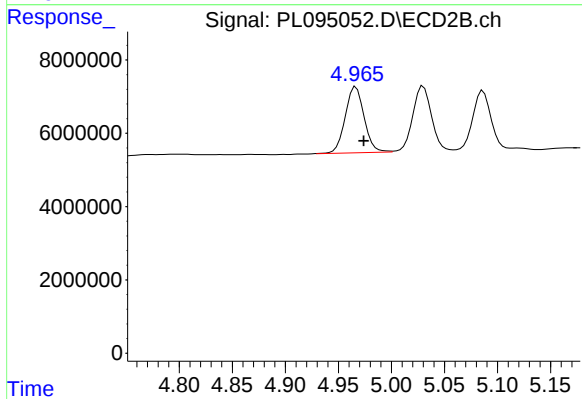
#9 Endosulfan I

R.T.: 5.085 min
Delta R.T.: -0.009 min
Response: 20037482
Conc: 4.57 ng/ml m



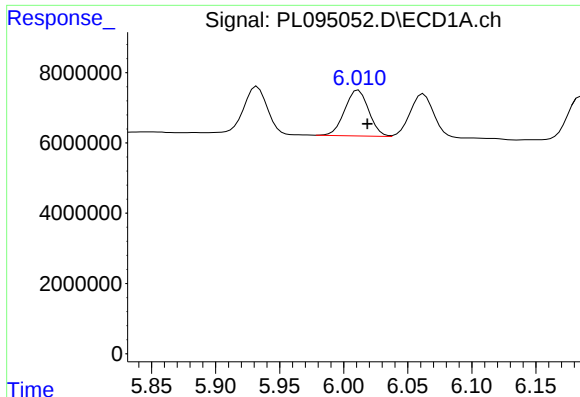
#10 gamma-Chlordane

R.T.: 5.933 min
Delta R.T.: -0.007 min
Response: 17453866
Conc: 5.18 ng/ml



#10 gamma-Chlordane

R.T.: 4.965 min
Delta R.T.: -0.009 min
Response: 22305924
Conc: 4.62 ng/ml m



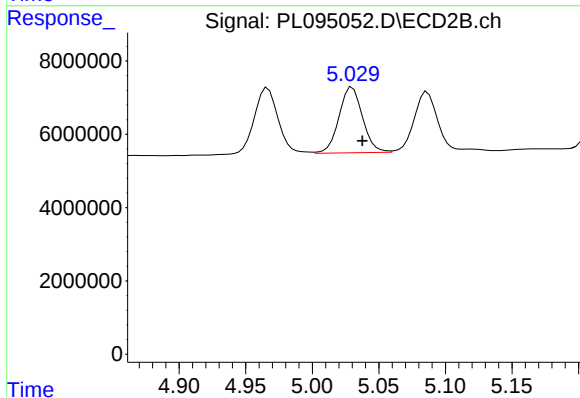
#11 alpha-Chlordane

R.T.: 6.011 min
Delta R.T.: -0.007 min
Response: 17040657
Conc: 5.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
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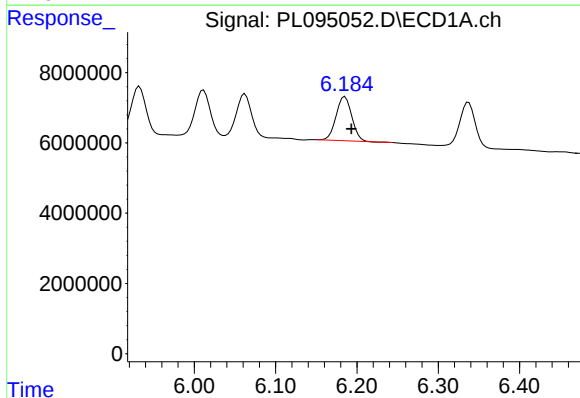
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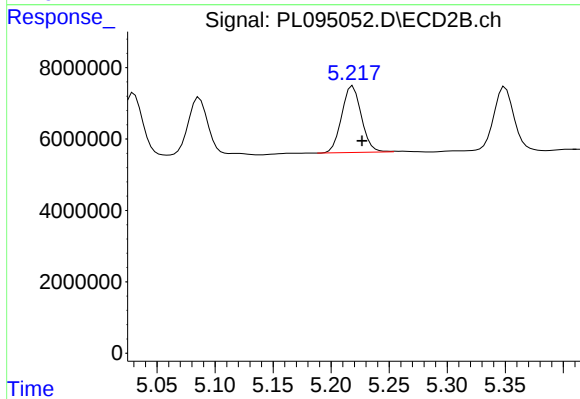
#11 alpha-Chlordane

R.T.: 5.030 min
Delta R.T.: -0.008 min
Response: 22068421
Conc: 4.62 ng/ml



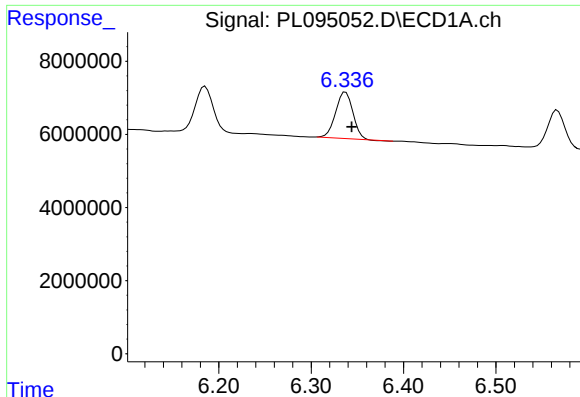
#12 4,4'-DDE

R.T.: 6.185 min
Delta R.T.: -0.008 min
Response: 16738942
Conc: 5.69 ng/ml



#12 4,4'-DDE

R.T.: 5.217 min
Delta R.T.: -0.009 min
Response: 22017117
Conc: 4.74 ng/ml m



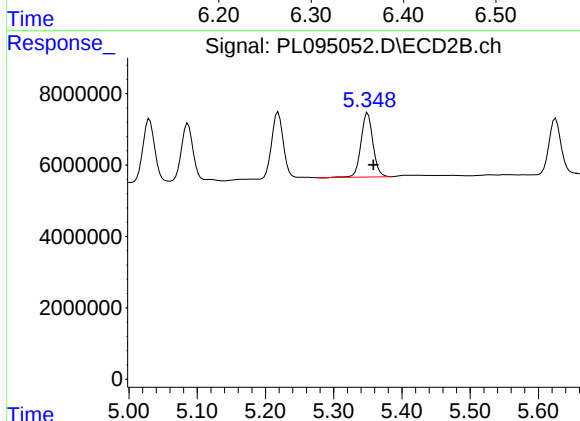
#13 Dieldrin

R.T.: 6.337 min
Delta R.T.: -0.007 min
Response: 16303626
Conc: 5.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-040325MSD

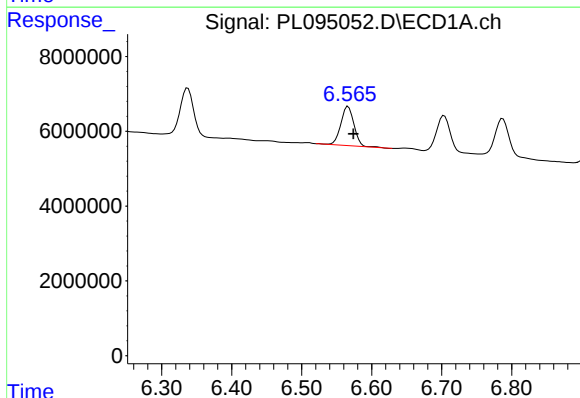
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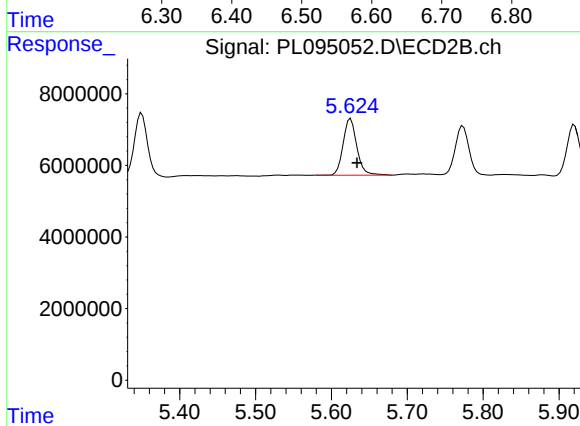
#13 Dieldrin

R.T.: 5.350 min
Delta R.T.: -0.008 min
Response: 21851828
Conc: 4.50 ng/ml



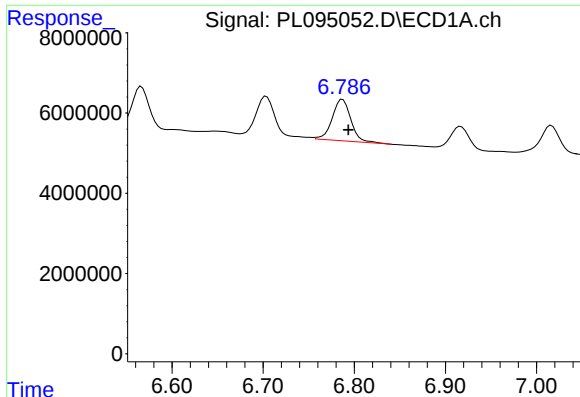
#14 Endrin

R.T.: 6.566 min
Delta R.T.: -0.007 min
Response: 13671193
Conc: 4.93 ng/ml



#14 Endrin

R.T.: 5.625 min
Delta R.T.: -0.008 min
Response: 19851501
Conc: 4.55 ng/ml



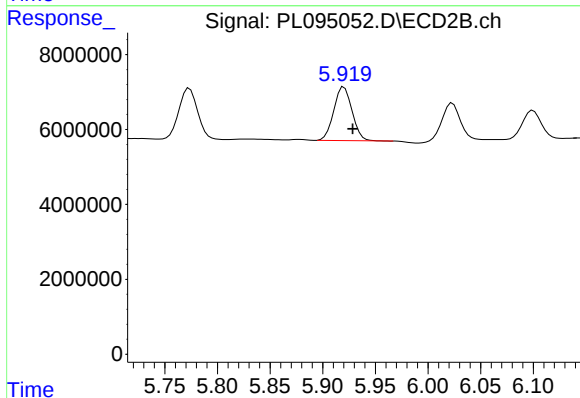
#15 Endosulfan II

R.T.: 6.787 min
Delta R.T.: -0.006 min
Response: 14514222
Conc: 5.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
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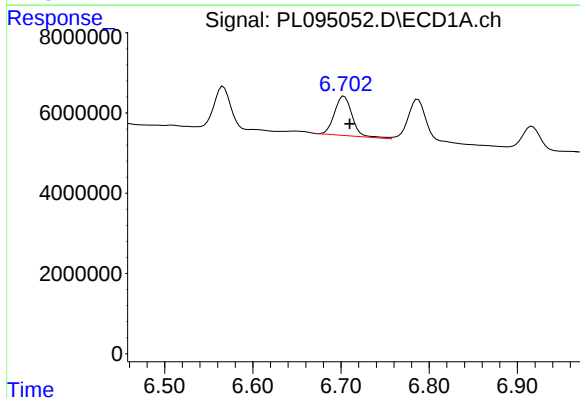
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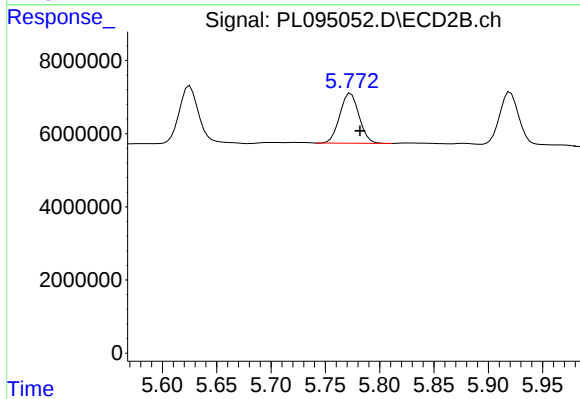
#15 Endosulfan II

R.T.: 5.920 min
Delta R.T.: -0.008 min
Response: 17367669
Conc: 4.01 ng/ml



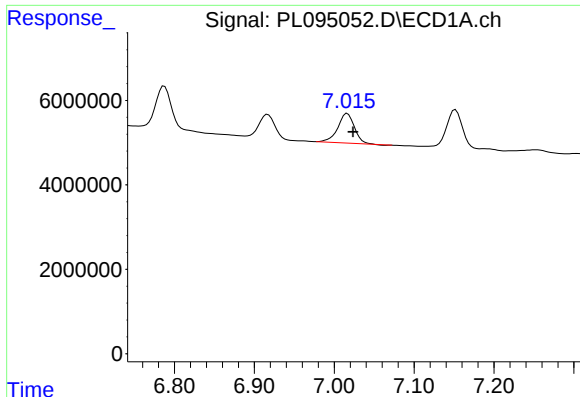
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.006 min
Response: 13713841
Conc: 6.33 ng/ml



#16 4,4'-DDD

R.T.: 5.773 min
Delta R.T.: -0.009 min
Response: 16864532
Conc: 4.69 ng/ml



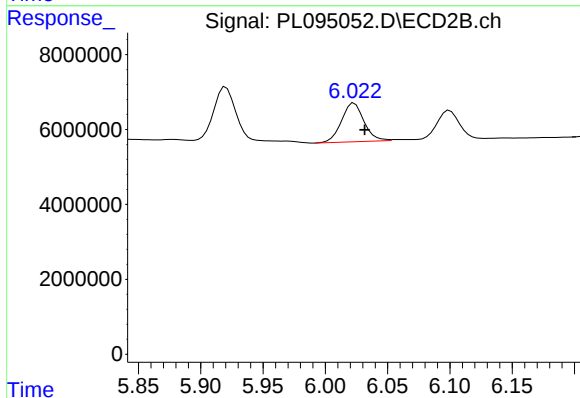
#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: -0.007 min
Response: 10011069
Conc: 4.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-040325MSD

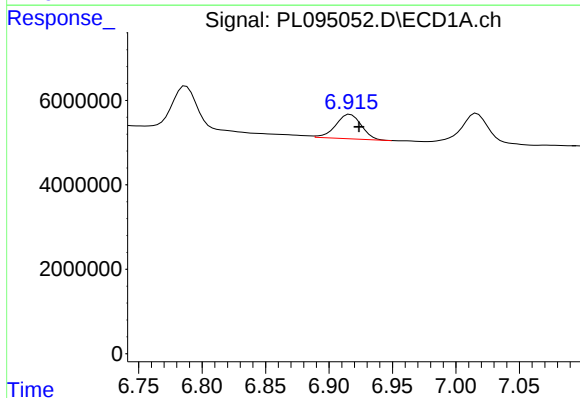
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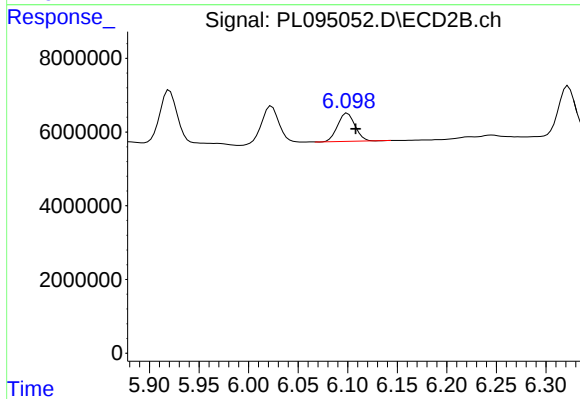
#17 4,4'-DDT

R.T.: 6.022 min
Delta R.T.: -0.010 min
Response: 13047072
Conc: 3.24 ng/ml m



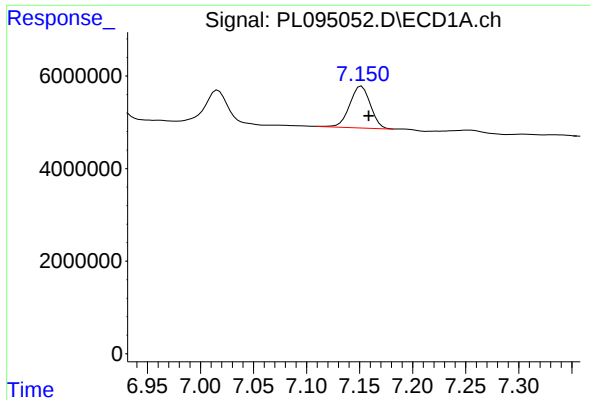
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: -0.008 min
Response: 8126090
Conc: 3.85 ng/ml m



#18 Endrin aldehyde

R.T.: 6.100 min
Delta R.T.: -0.008 min
Response: 9399641
Conc: 2.79 ng/ml



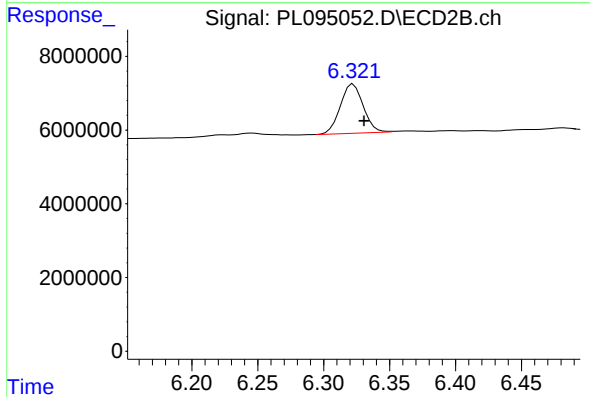
#19 Endosulfan Sulfate

R.T.: 7.150 min
Delta R.T.: -0.008 min
Response: 12326048
Conc: 5.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-040325MSD

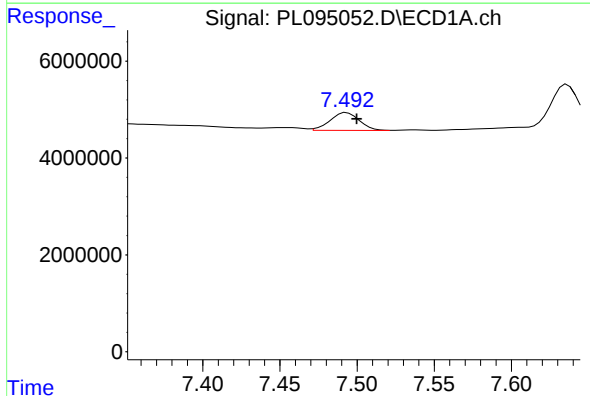
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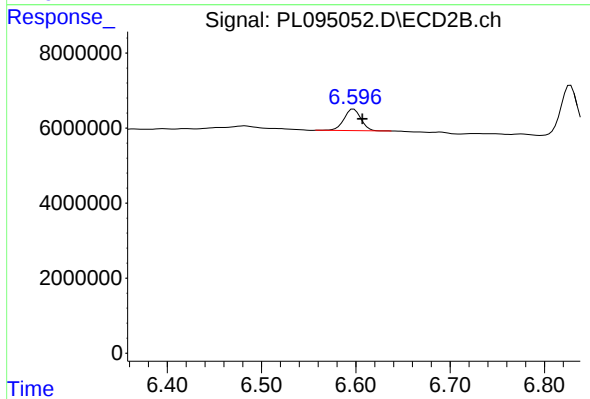
#19 Endosulfan Sulfate

R.T.: 6.321 min
Delta R.T.: -0.010 min
Response: 16167039
Conc: 3.97 ng/ml m



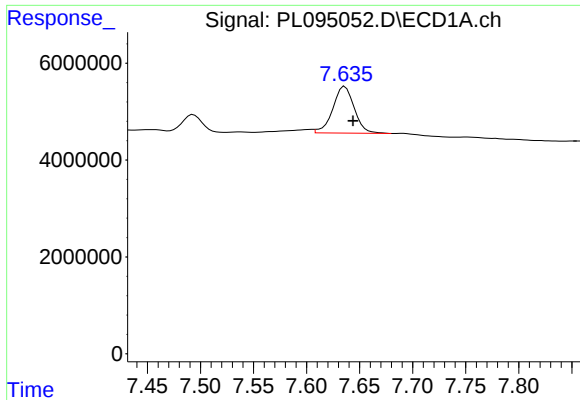
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: -0.008 min
Response: 4783195
Conc: 4.00 ng/ml m



#20 Methoxychlor

R.T.: 6.598 min
Delta R.T.: -0.009 min
Response: 7187501
Conc: 3.39 ng/ml



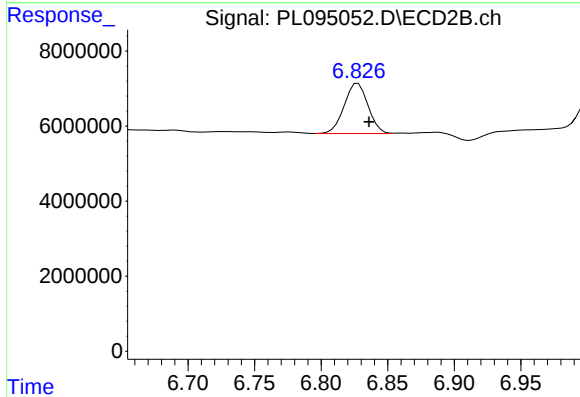
#21 Endrin ketone

R.T.: 7.635 min
Delta R.T.: -0.009 min
Response: 13502346
Conc: 5.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-040325MSD

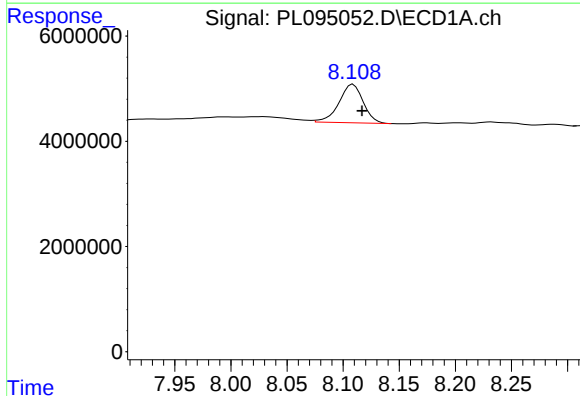
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/07/2025
Supervised By :mohammad ahmed 04/09/2025



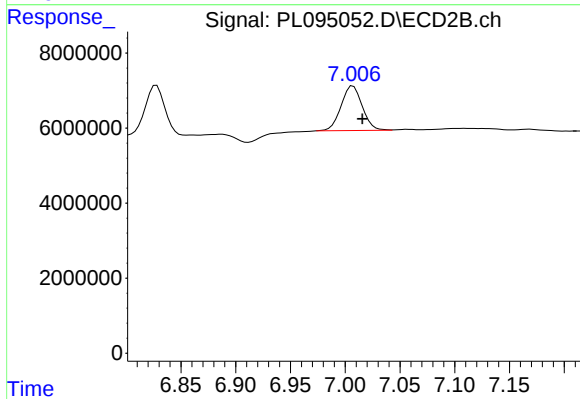
#21 Endrin ketone

R.T.: 6.826 min
Delta R.T.: -0.010 min
Response: 16646087
Conc: 3.49 ng/ml m



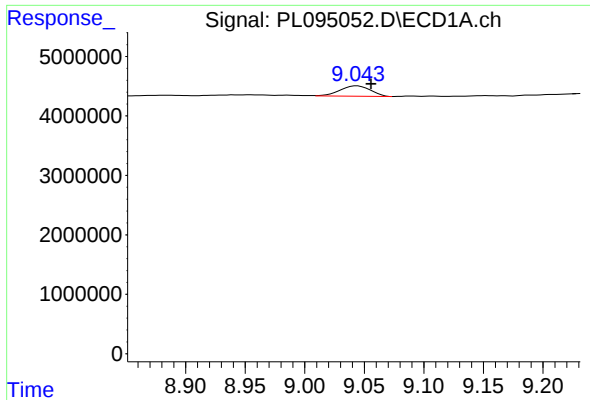
#22 Mirex

R.T.: 8.108 min
Delta R.T.: -0.009 min
Response: 10941067
Conc: 5.30 ng/ml m



#22 Mirex

R.T.: 7.006 min
Delta R.T.: -0.010 min
Response: 16035887
Conc: 4.23 ng/ml m



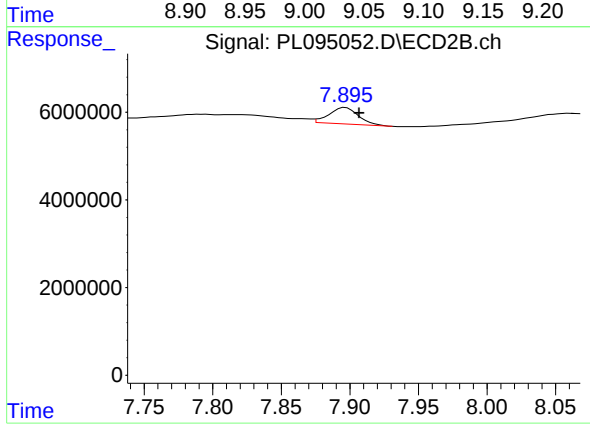
#28 Decachlorobiphenyl

R.T.: 9.043 min
Delta R.T.: -0.013 min
Response: 3113009
Conc: 1.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-040325MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/07/2025
Supervised By :mohammad ahmed 04/09/2025



#28 Decachlorobiphenyl

R.T.: 7.895 min
Delta R.T.: -0.011 min
Response: 5525678
Conc: 1.37 ng/ml m