

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032425\
 Data File : PL094808.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Mar 2025 10:00
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/25/2025
 Supervised By :mohammad ahmed 03/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 25 01:50:40 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...	3.542	2.770	125.4E6	173.3E6	44.309	48.549
28)	SA Decachlor...	9.060	7.906	104.6E6	184.3E6	49.636	45.621
Target Compounds							
2)	A alpha-BHC	3.998	3.272	182.1E6	262.7E6	43.860	48.729
3)	MA gamma-BHC...	4.331	3.602	175.1E6	248.2E6	43.878	48.299
4)	MA Heptachlor	4.919	3.940	165.1E6	244.4E6	42.537	46.395
5)	MB Aldrin	5.261	4.220	157.1E6	230.9E6	42.536	47.359
6)	B beta-BHC	4.530	3.902	80102864	109.1E6	43.411	49.095
7)	B delta-BHC	4.777	4.131	174.8E6	247.3E6	44.883	49.440
8)	B Heptachlo...	5.687	4.722	142.7E6	216.4E6	42.660	47.269
9)	A Endosulfan I	6.074	5.091	133.6E6	209.6E6	43.509	47.769
10)	B gamma-Chl...	5.944	4.972	145.2E6	229.4E6	43.084	47.504
11)	B alpha-Chl...	6.022	5.035	143.8E6	225.6E6	43.620	47.278
12)	B 4,4'-DDE	6.196	5.224	140.6E6	229.9E6	47.784	49.467
13)	MA Dieldrin	6.348	5.356	139.0E6	232.7E6	43.449	47.966
14)	MA Endrin	6.577	5.630	116.1E6	207.0E6	41.898m	47.434m
15)	B Endosulfa...	6.798	5.927	118.8E6	207.1E6	43.757	47.854
16)	A 4,4'-DDD	6.714	5.780	106.0E6	188.8E6	48.945	52.493
17)	MA 4,4'-DDT	7.028	6.030	109.7E6	204.0E6	46.120	50.592
18)	B Endrin al...	6.928	6.107	90745835	156.7E6	42.987	46.564
19)	B Endosulfa...	7.163	6.330	107.7E6	196.7E6	44.278	48.295
20)	A Methoxychlor	7.504	6.605	59528944	104.6E6	49.729	49.317
21)	B Endrin ke...	7.648	6.835	121.7E6	228.7E6	46.024	47.916
22)	Mirex	8.120	7.014	90333871	176.9E6	43.718	46.602

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032425\
Data File : PL094808.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Mar 2025 10:00
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

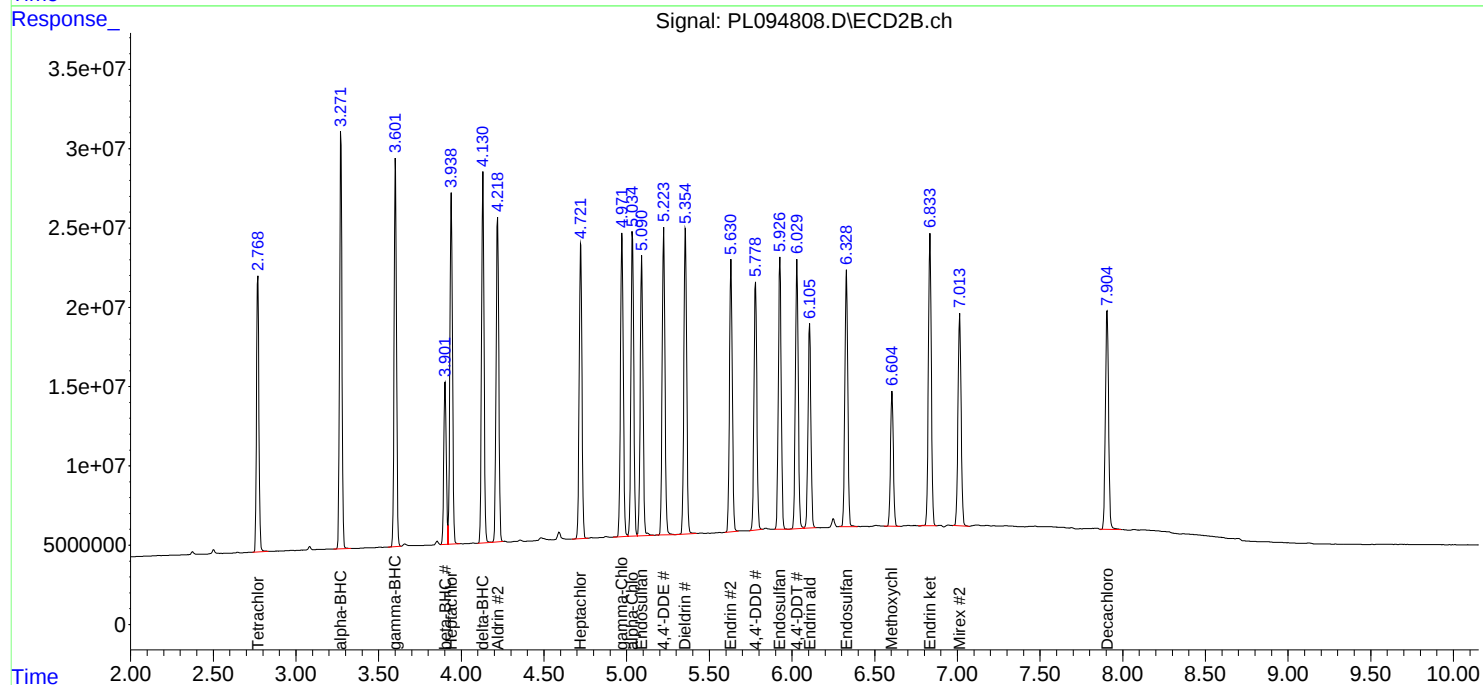
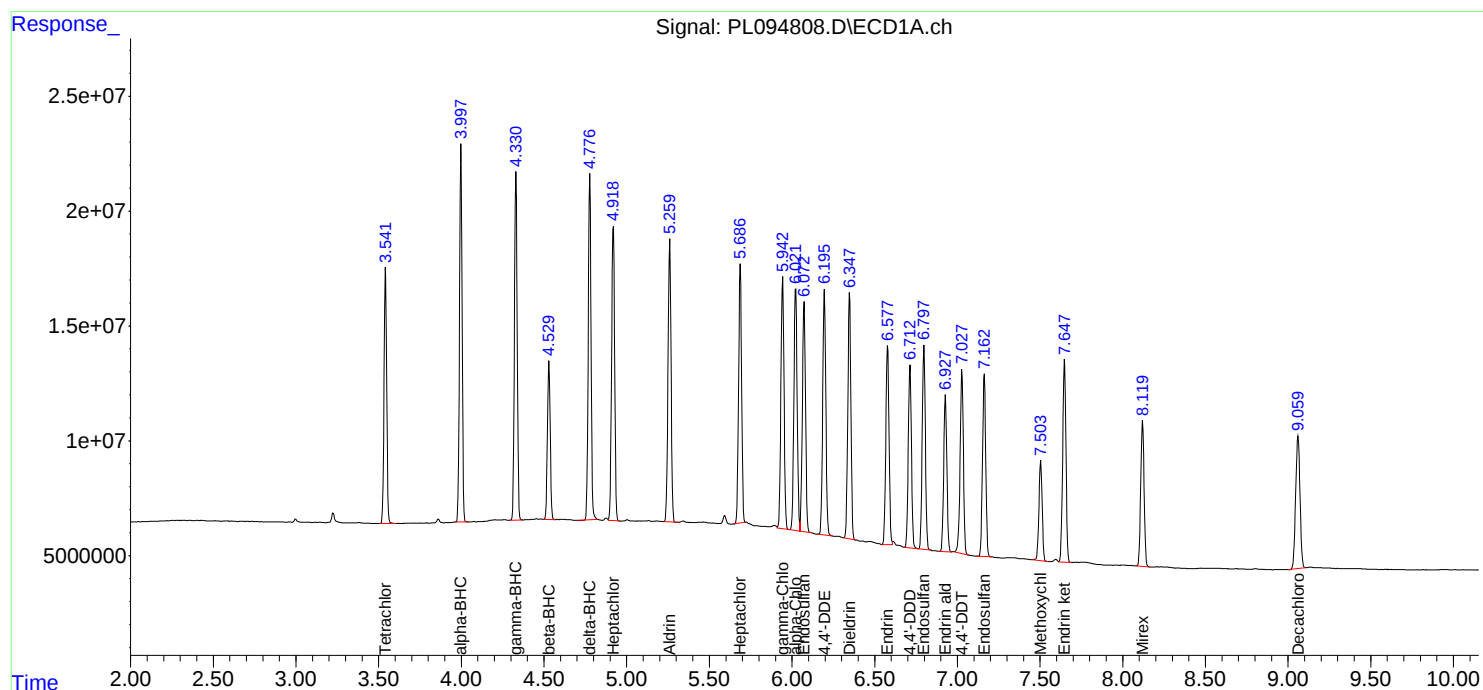
APPROVED

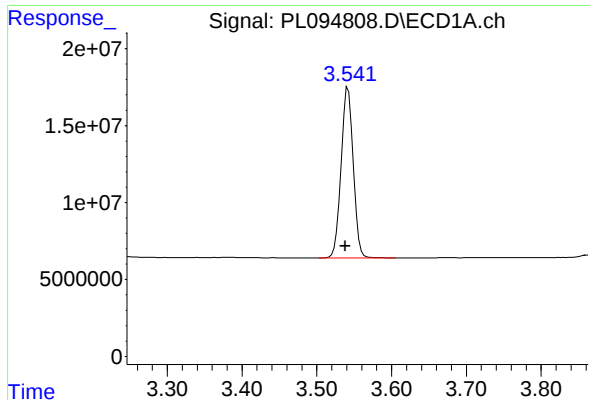
Reviewed By :Abdul Mirza 03/25/2025

Supervised By :mohammad ahmed 03/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 25 01:50:40 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





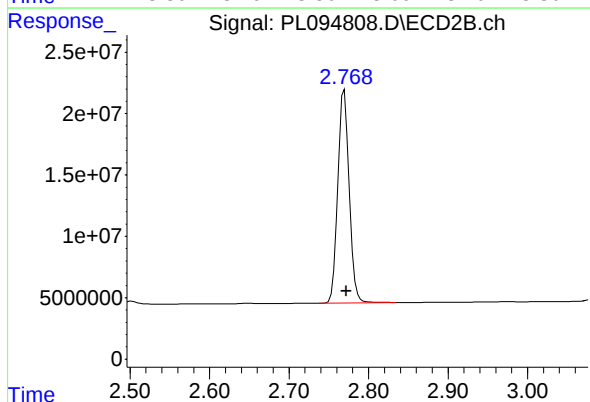
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: 0.004 min
Response: 125424486
Conc: 44.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

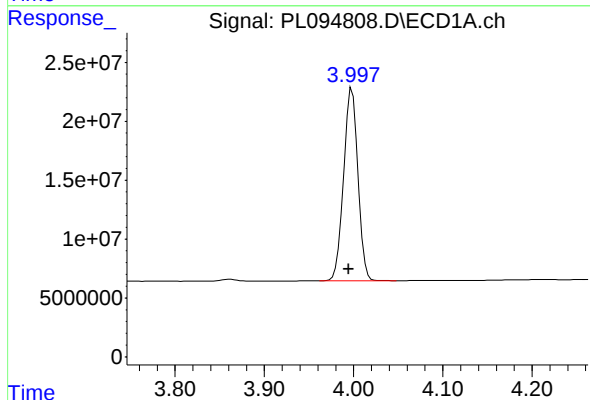
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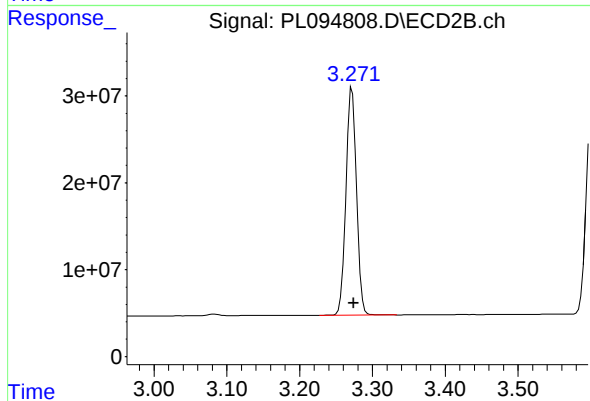
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 173286021
Conc: 48.55 ng/ml



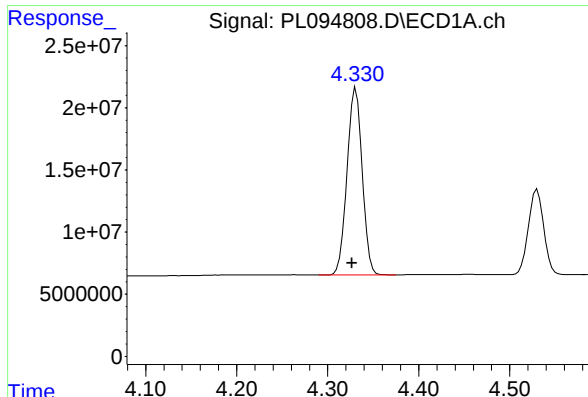
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.004 min
Response: 182120790
Conc: 43.86 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.002 min
Response: 262716140
Conc: 48.73 ng/ml



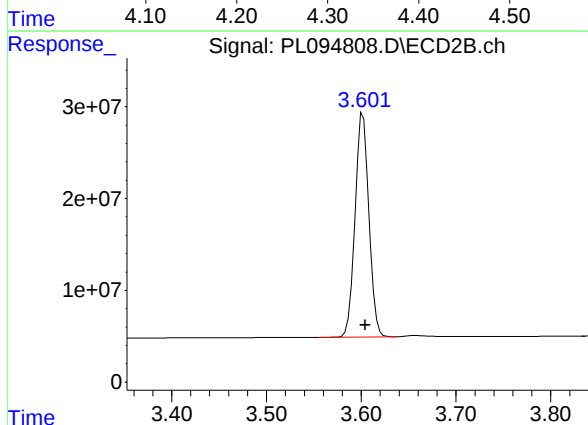
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.004 min
Response: 175084104
Conc: 43.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

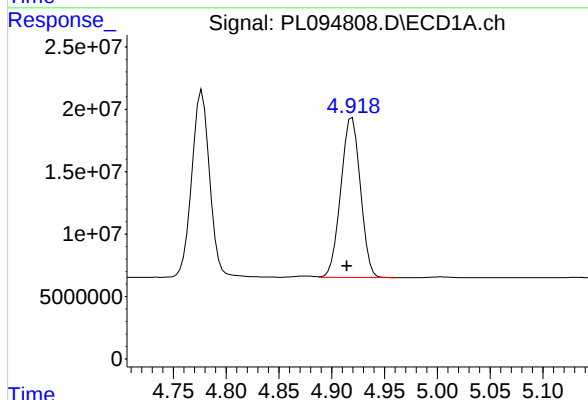
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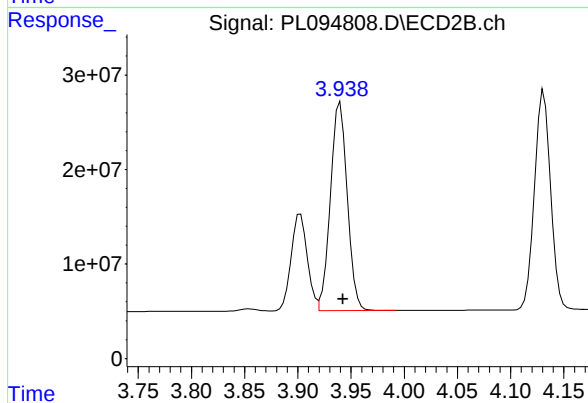
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: -0.002 min
Response: 248232113
Conc: 48.30 ng/ml



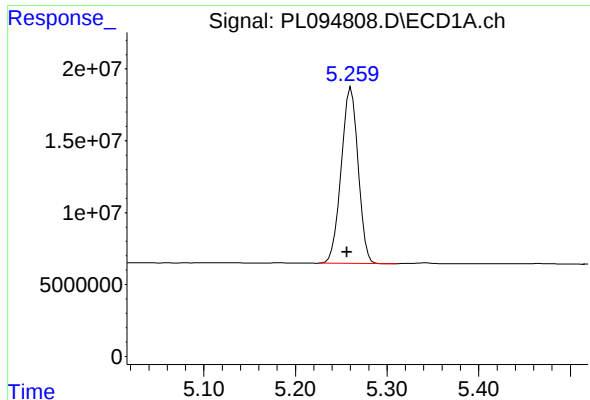
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: 0.005 min
Response: 165111347
Conc: 42.54 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: -0.003 min
Response: 244438560
Conc: 46.39 ng/ml



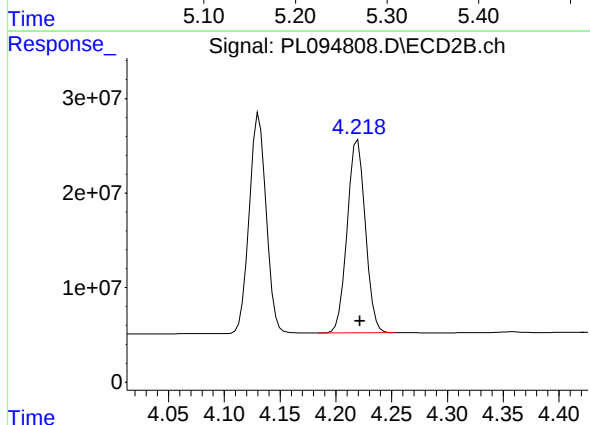
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: 0.005 min
Response: 157053250
Conc: 42.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

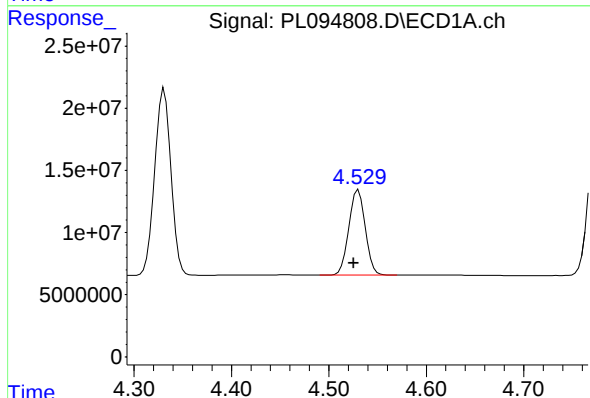
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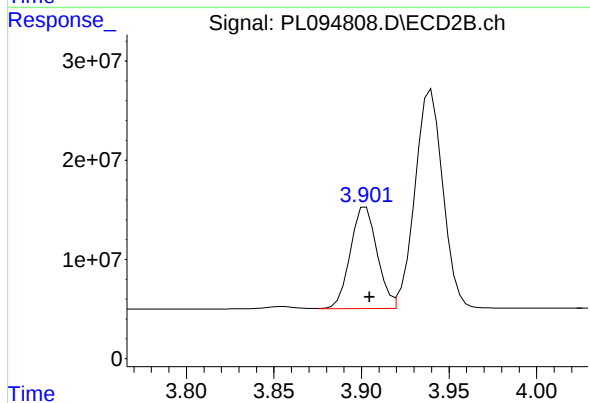
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: -0.002 min
Response: 230938386
Conc: 47.36 ng/ml



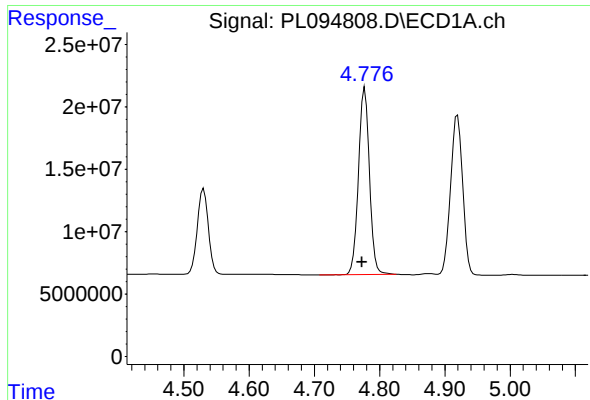
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.005 min
Response: 80102864
Conc: 43.41 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.002 min
Response: 109054765
Conc: 49.10 ng/ml



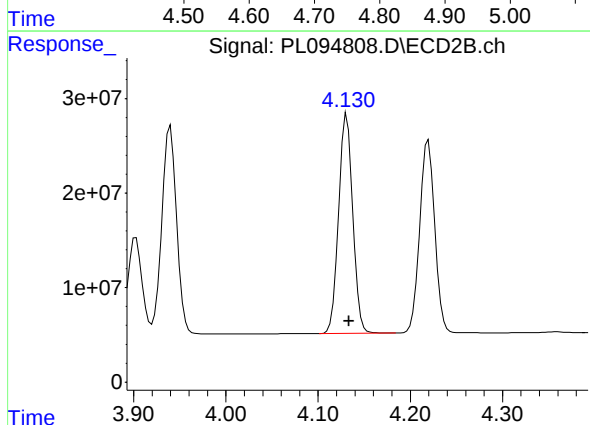
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: 0.004 min
Response: 174787300
Conc: 44.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

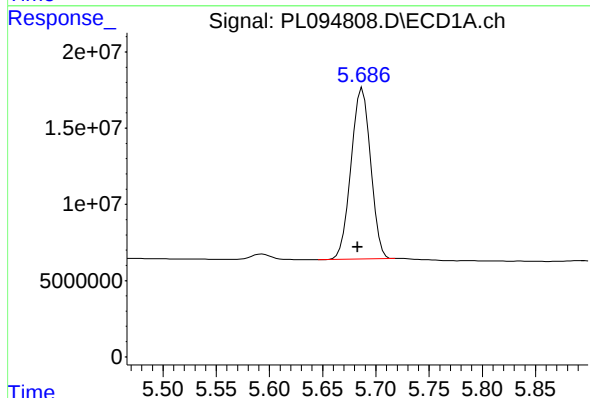
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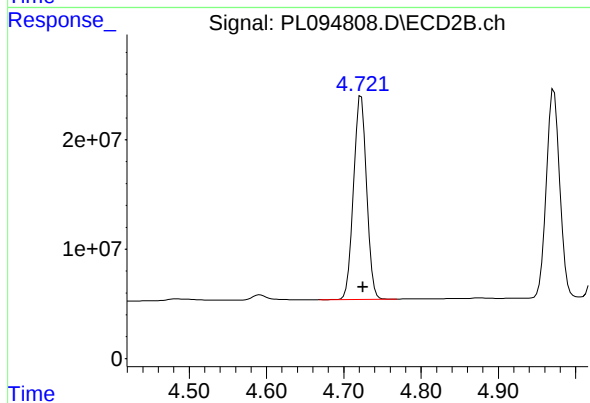
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.002 min
Response: 247299955
Conc: 49.44 ng/ml



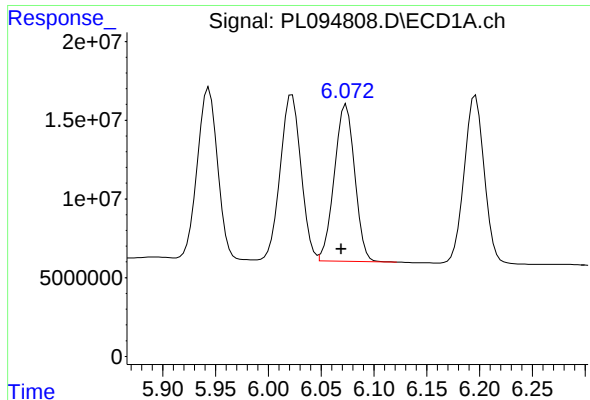
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: 0.004 min
Response: 142705108
Conc: 42.66 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: -0.002 min
Response: 216425201
Conc: 47.27 ng/ml



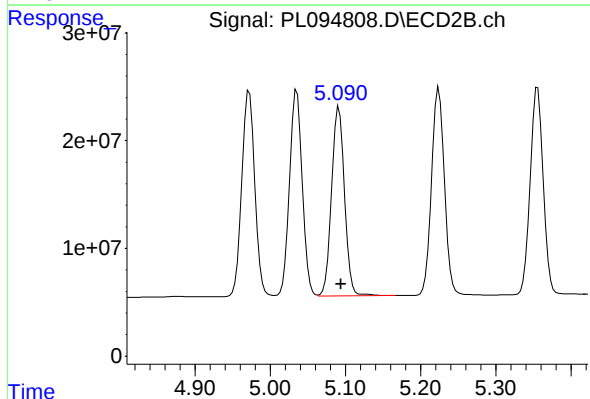
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.005 min
Response: 133581833
Conc: 43.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

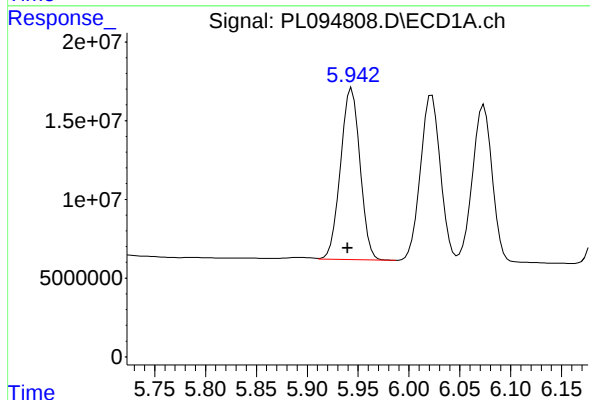
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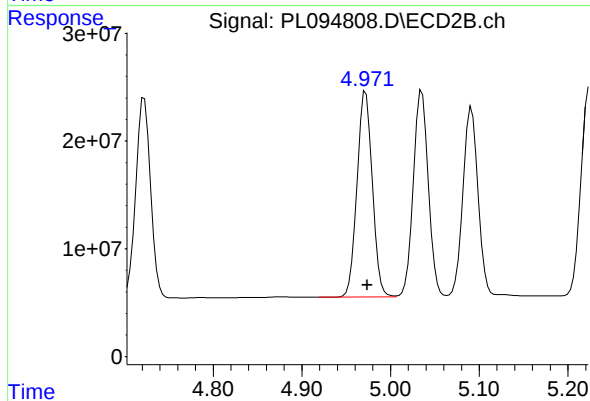
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 209645919
Conc: 47.77 ng/ml



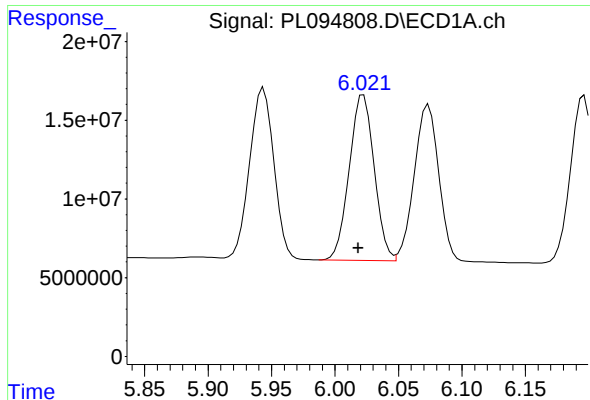
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.004 min
Response: 145166775
Conc: 43.08 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: -0.002 min
Response: 229367924
Conc: 47.50 ng/ml



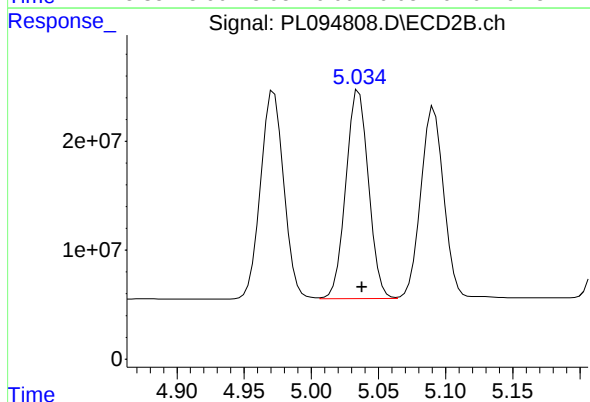
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: 0.004 min
Response: 143807125
Conc: 43.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

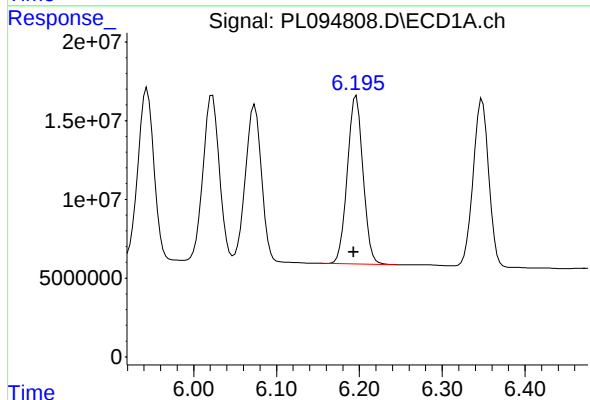
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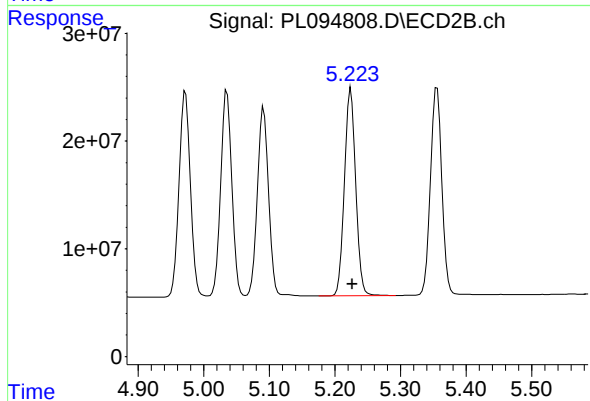
#11 alpha-Chlordane

R.T.: 5.035 min
Delta R.T.: -0.002 min
Response: 225648867
Conc: 47.28 ng/ml



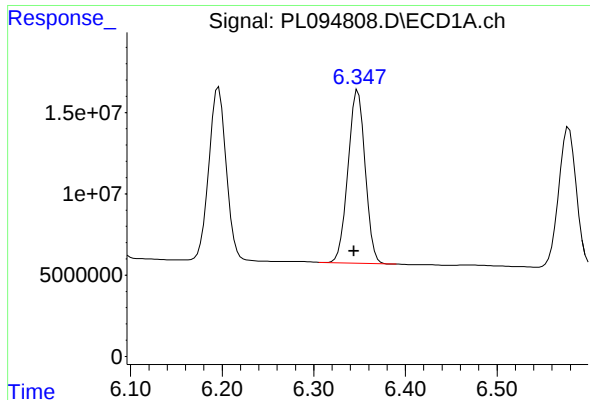
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.003 min
Response: 140583252
Conc: 47.78 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: -0.002 min
Response: 229949417
Conc: 49.47 ng/ml



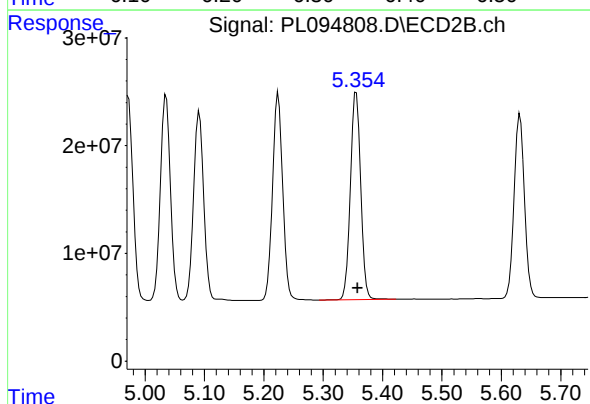
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.004 min
Response: 138955487
Conc: 43.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

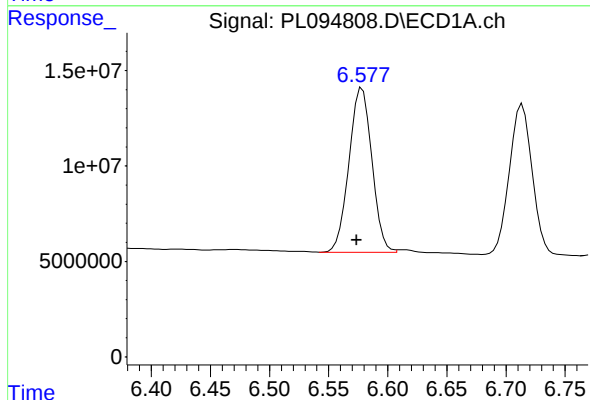
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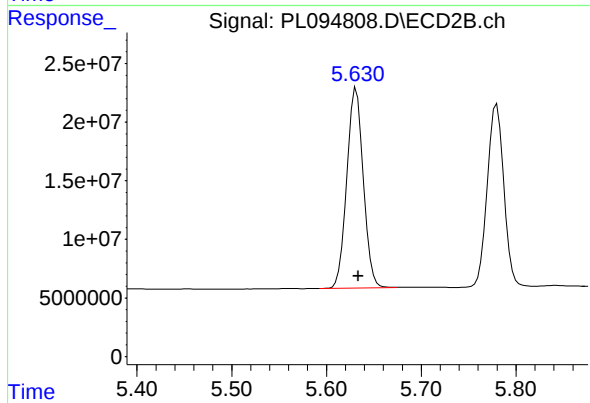
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.003 min
Response: 232723026
Conc: 47.97 ng/ml



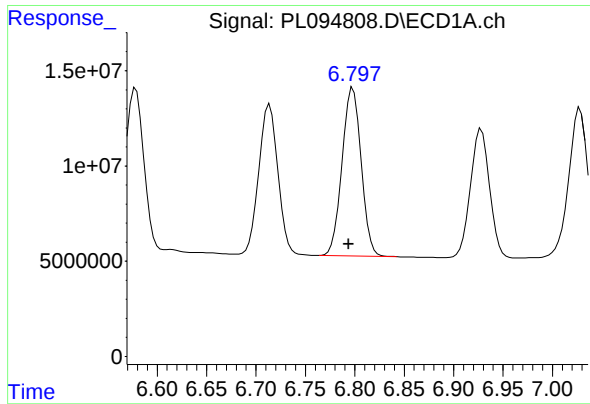
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.003 min
Response: 116143809
Conc: 41.90 ng/ml m



#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.004 min
Response: 206987015
Conc: 47.43 ng/ml m



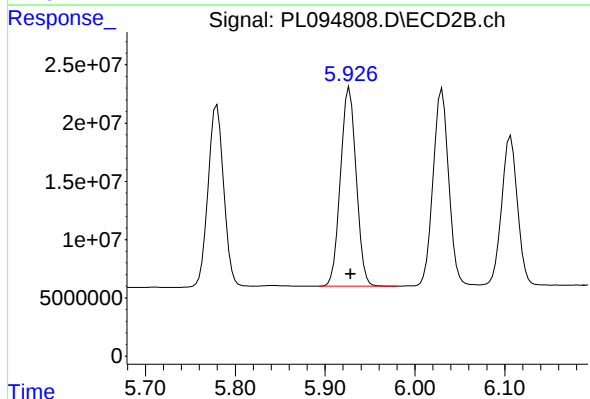
#15 Endosulfan II

R.T.: 6.798 min
Delta R.T.: 0.004 min
Response: 118787664
Conc: 43.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

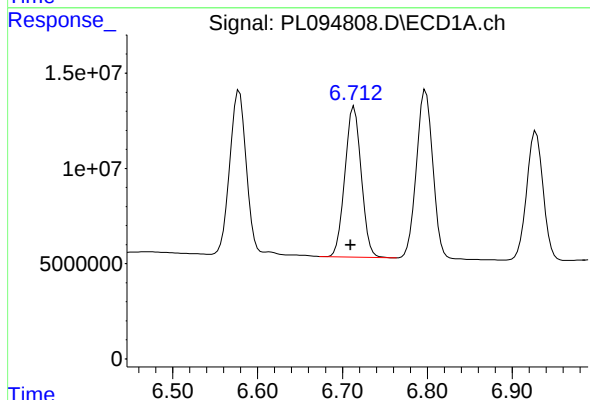
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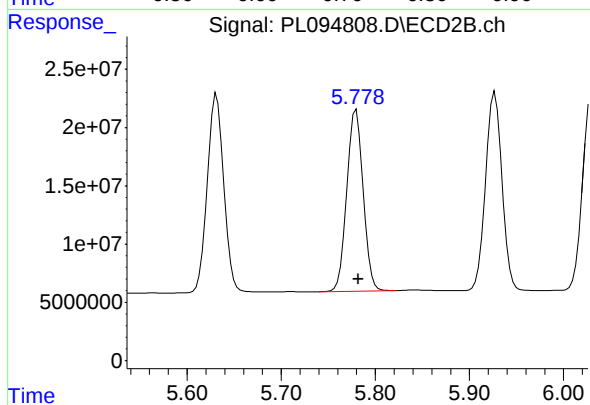
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: -0.001 min
Response: 207123598
Conc: 47.85 ng/ml



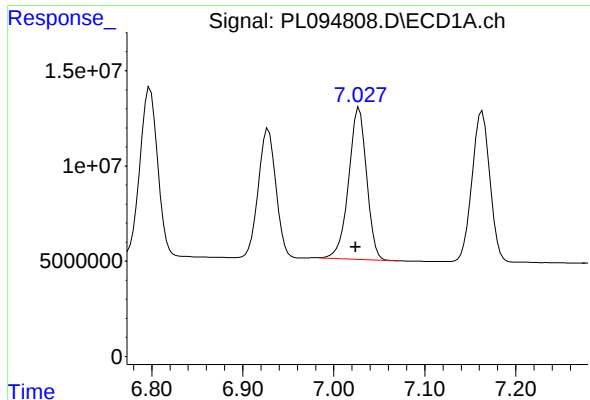
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.004 min
Response: 106017626
Conc: 48.94 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 188757770
Conc: 52.49 ng/ml



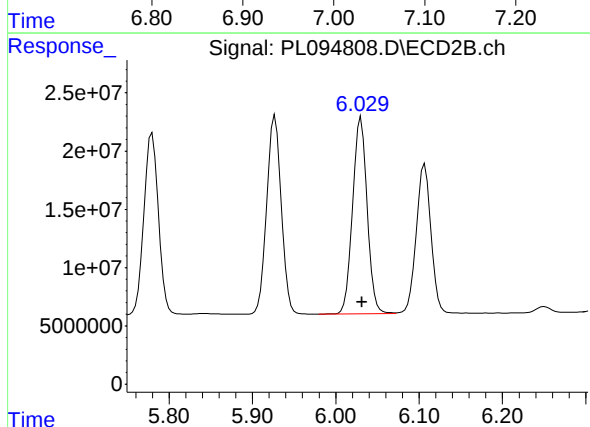
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.004 min
Response: 109697311
Conc: 46.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

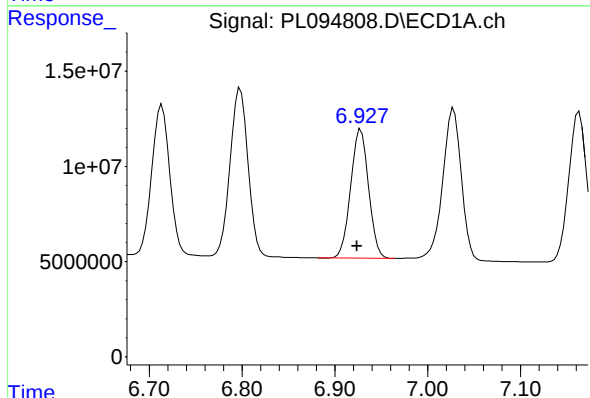
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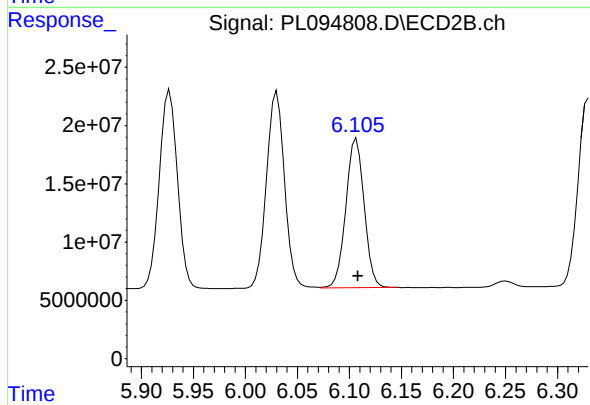
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.001 min
Response: 203994221
Conc: 50.59 ng/ml



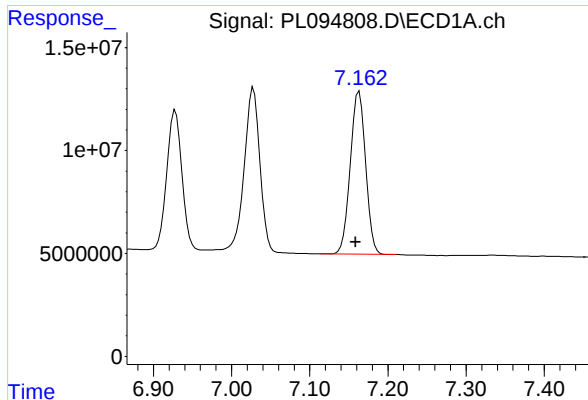
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.004 min
Response: 90745835
Conc: 42.99 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: -0.002 min
Response: 156704060
Conc: 46.56 ng/ml



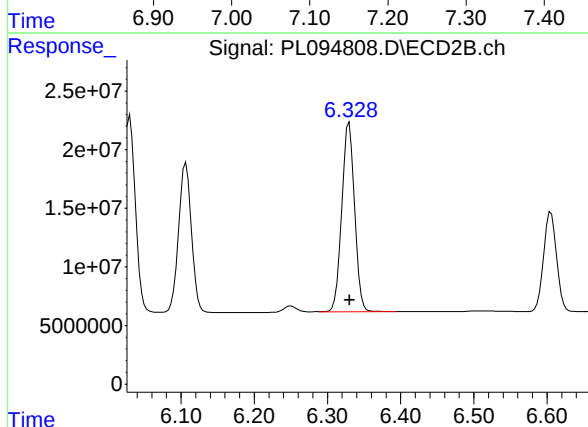
#19 Endosulfan Sulfate

R.T.: 7.163 min
Delta R.T.: 0.005 min
Response: 107684290
Conc: 44.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

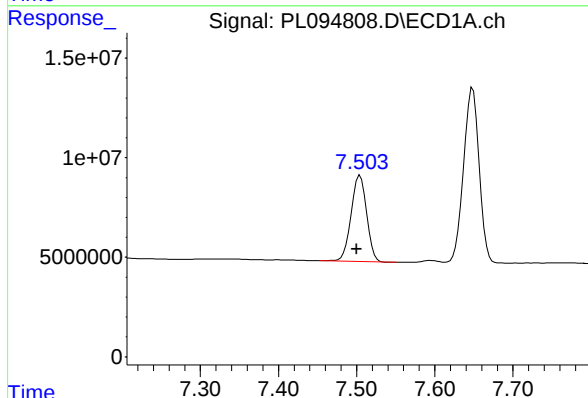
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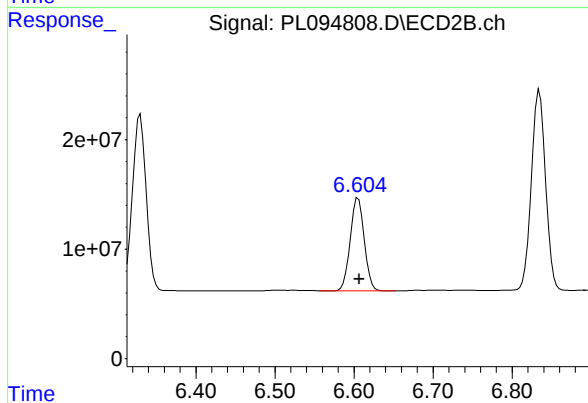
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: -0.001 min
Response: 196727131
Conc: 48.30 ng/ml



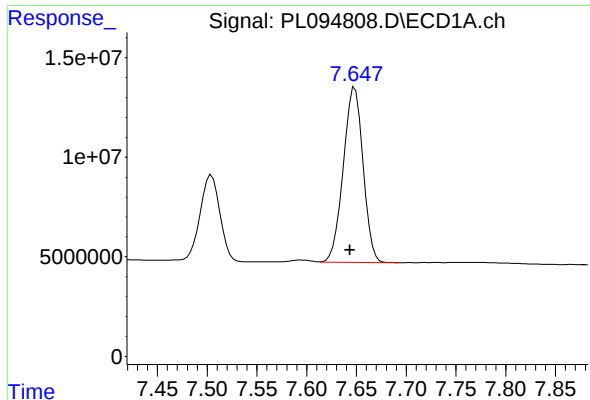
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.005 min
Response: 59528944
Conc: 49.73 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: -0.002 min
Response: 104603717
Conc: 49.32 ng/ml



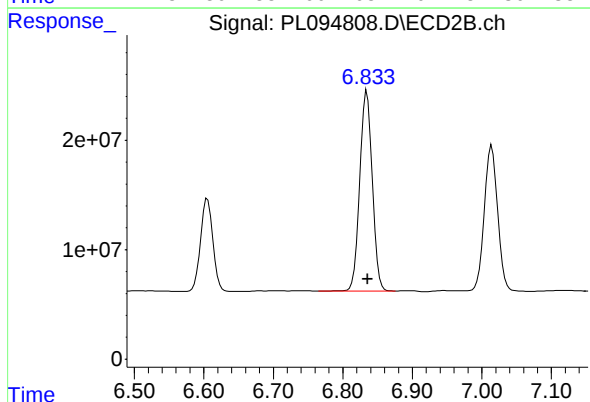
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.005 min
Response: 121654969
Conc: 46.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

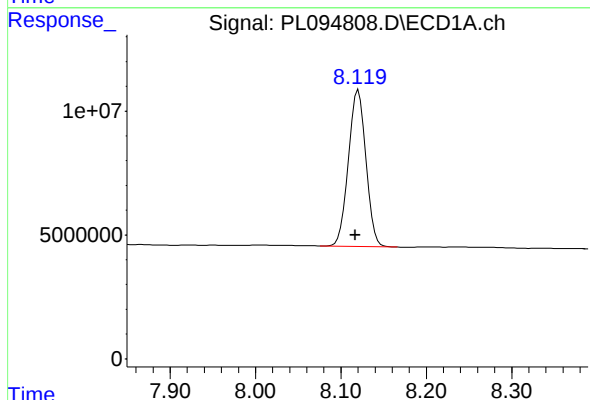
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/25/2025
Supervised By :mohammad ahmed 03/26/2025



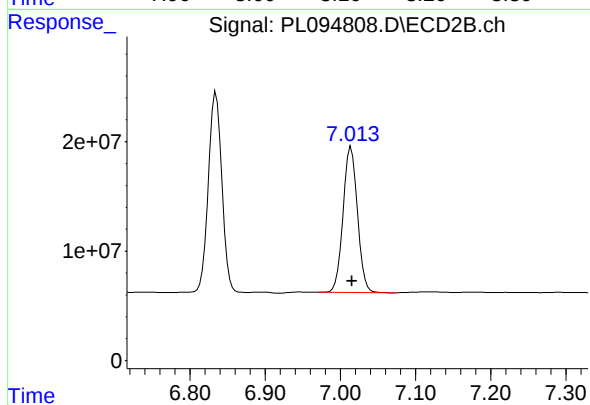
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: -0.001 min
Response: 228684462
Conc: 47.92 ng/ml



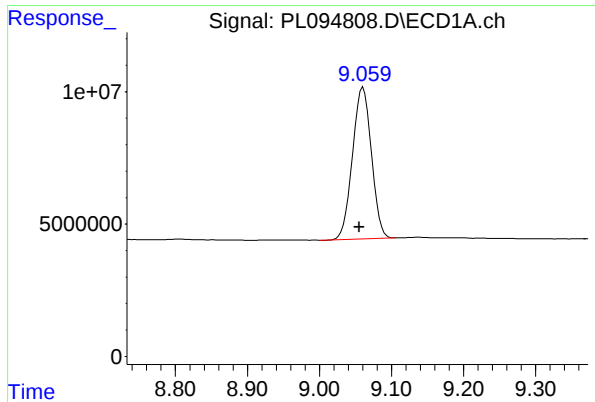
#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.003 min
Response: 90333871
Conc: 43.72 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: -0.001 min
Response: 176870558
Conc: 46.60 ng/ml



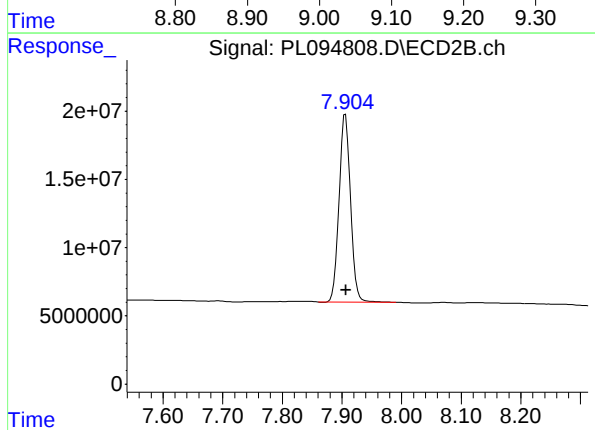
#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.005 min
Response: 104605785
Conc: 49.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :mohammad ahmed 03/26/2025



#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 184278873
Conc: 45.62 ng/ml