

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032425\
 Data File : PL094820.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Mar 2025 15:36
 Operator : AR\AJ
 Sample : Q1619-13MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-5MS

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 01:52:16 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...	3.535	2.769	53435504	72250227	18.877m	20.242m
28) SA Decachlor...	9.053	7.904	39698664	56358497	18.837	13.952 #
Target Compounds						
2) A alpha-BHC	3.993	3.271	185.8E6	257.4E6	44.754	47.747m
3) MA gamma-BHC...	4.324	3.601	197.7E6	249.3E6	49.540m	48.514m
4) MA Heptachlor	4.914	3.939	171.0E6	246.5E6	44.061	46.784m
5) MB Aldrin	5.255	4.220	162.1E6	241.2E6	43.912	49.463
6) B beta-BHC	4.525	3.902	68873503	105.2E6	37.325m	47.364m#
7) B delta-BHC	4.771	4.130	142.8E6	185.6E6	36.659m	37.110m
8) B Heptachlo...	5.683	4.721	151.3E6	226.6E6	45.230	49.481m
9) A Endosulfan I	6.067	5.092	140.1E6	145.6E6	45.626m	33.168m#
10) B gamma-Chl...	5.937	4.971	160.2E6	230.0E6	47.532m	47.639m
11) B alpha-Chl...	6.016	5.034	151.5E6	234.8E6	45.941m	49.187m
12) B 4,4'-DDE	6.190	5.223	99038494	226.9E6	33.663m	48.816m#
13) MA Dieldrin	6.343	5.355	148.2E6	220.0E6	46.350	45.346m
14) MA Endrin	6.572	5.630	123.0E6	223.3E6	44.387m	51.163m
15) B Endosulfa...	6.794	5.927	128.5E6	212.7E6	47.321	49.150
16) A 4,4'-DDD	6.709	5.780	115.9E6	178.5E6	53.513	49.648
17) MA 4,4'-DDT	7.023	6.029	114.5E6	191.2E6	48.128	47.421
18) B Endrin al...	6.924	6.106	94795258	155.0E6	44.906	46.061
19) B Endosulfa...	7.158	6.329	111.1E6	181.4E6	45.686	44.524
20) A Methoxychlor	7.497	6.604	58006837	98266913	48.457m	46.329
21) B Endrin ke...	7.642	6.832	133.9E6	213.7E6	50.645m	44.782m
22) Mirex	8.114	7.012	95427708	149.6E6	46.183m	39.418m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032425\
Data File : PL094820.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Mar 2025 15:36
Operator : AR\AJ
Sample : Q1619-13MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

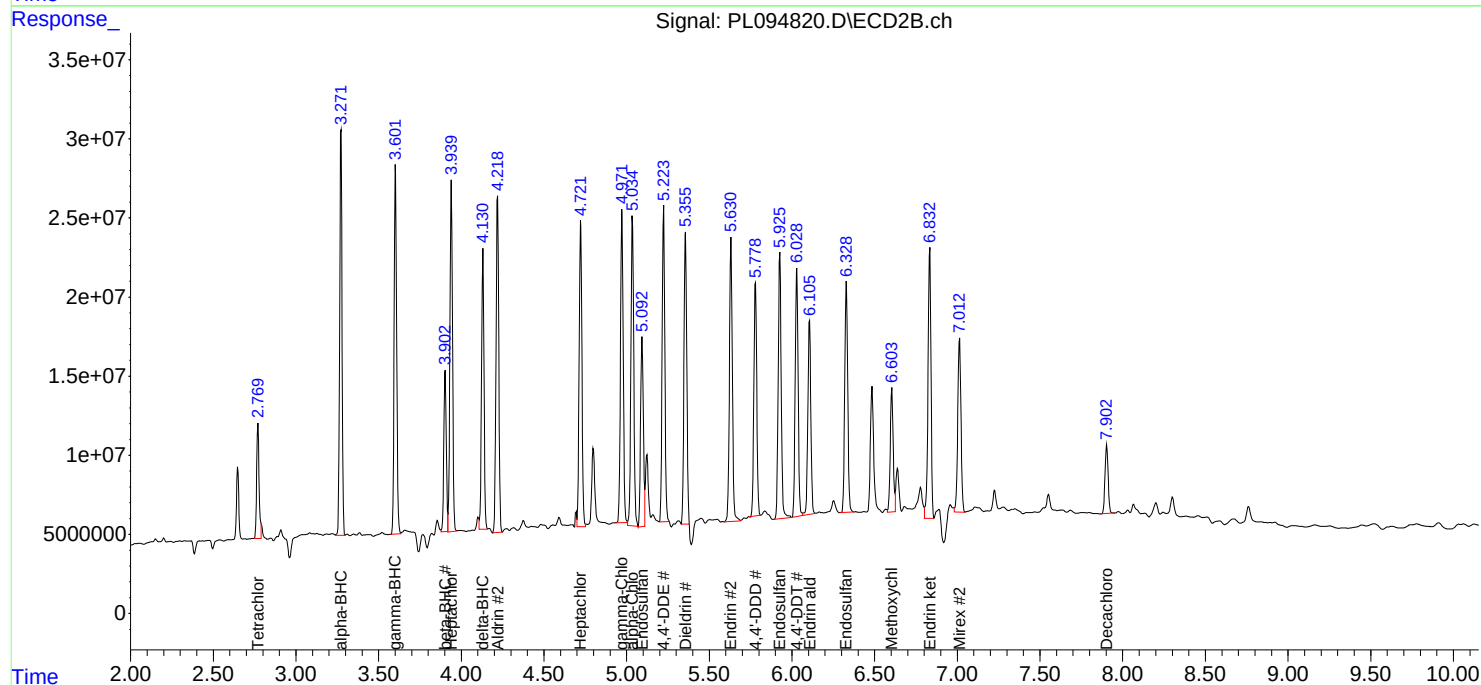
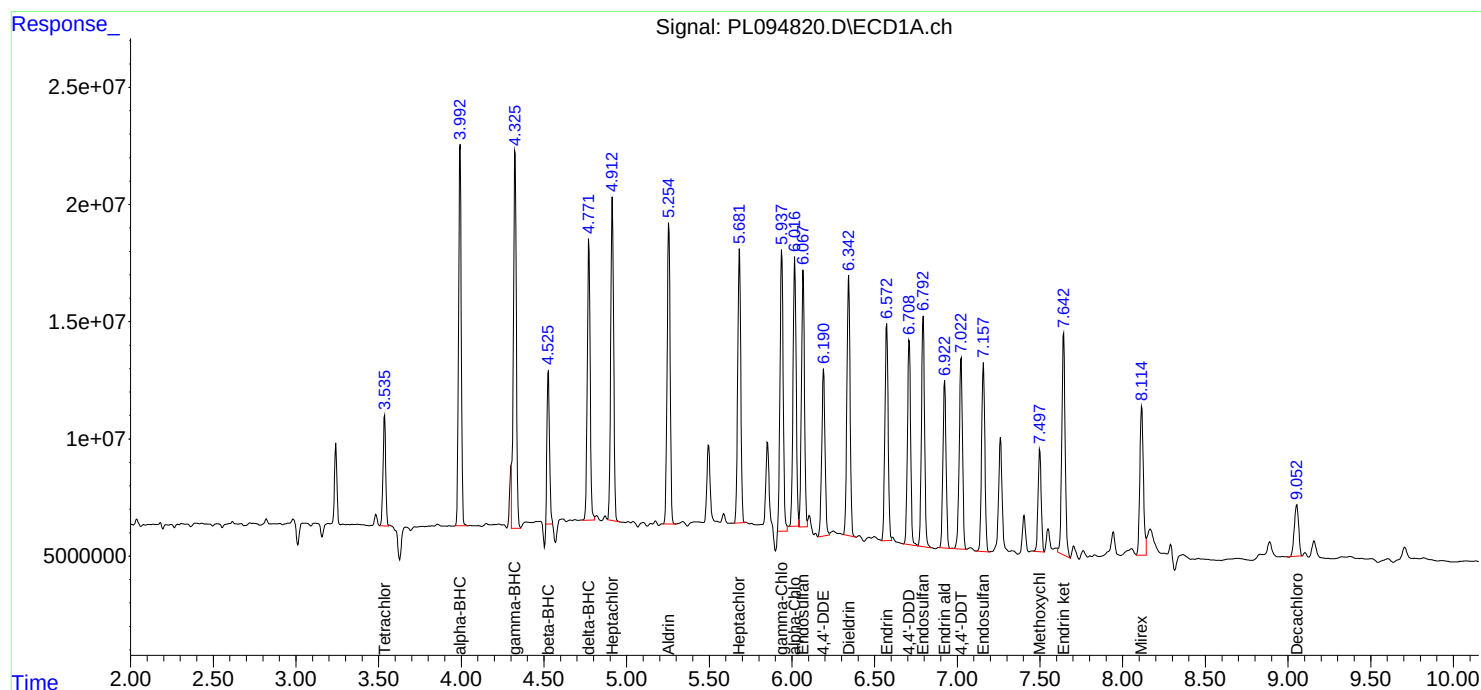
Instrument :
ECD_L
ClientSampleId :
TP-5MS

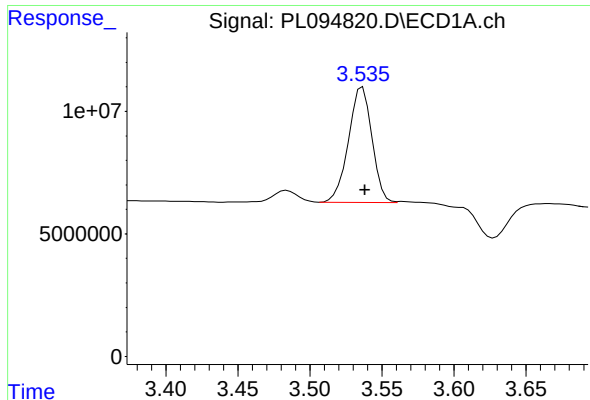
Manual Integrations
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Supervised By :mohammad ahmed 03/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 25 01:52:16 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





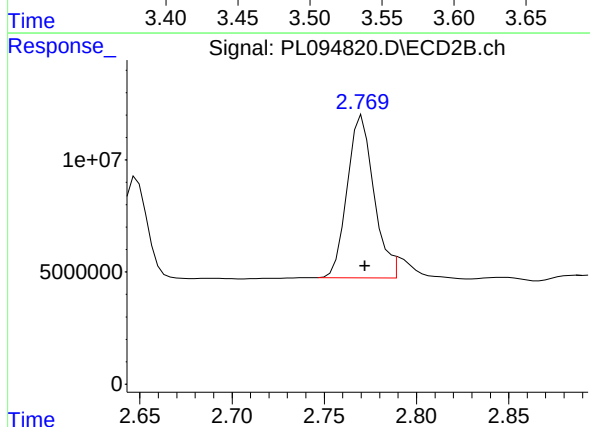
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 53435504
Conc: 18.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-5MS

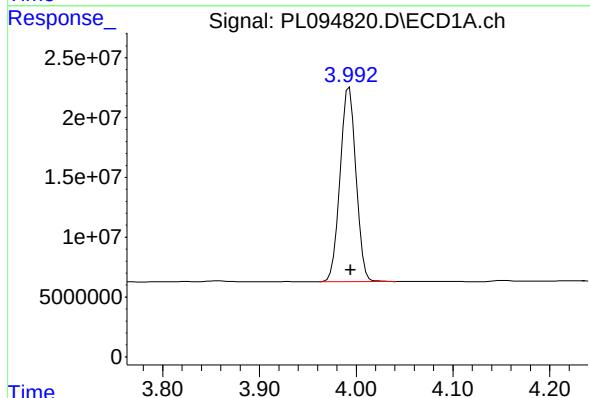
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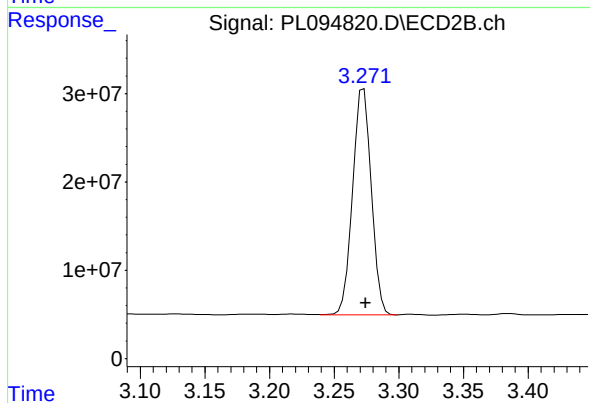
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 72250227
Conc: 20.24 ng/ml m



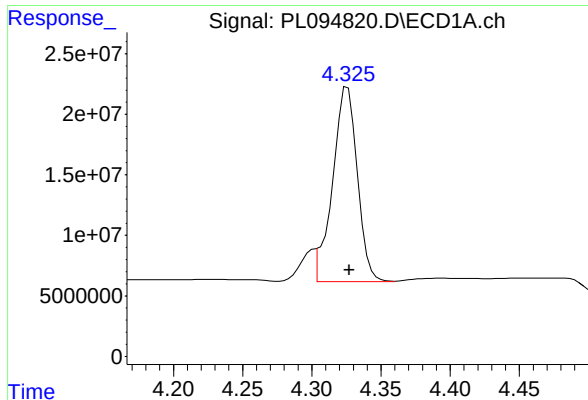
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 185832145
Conc: 44.75 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.003 min
Response: 257423505
Conc: 47.75 ng/ml m



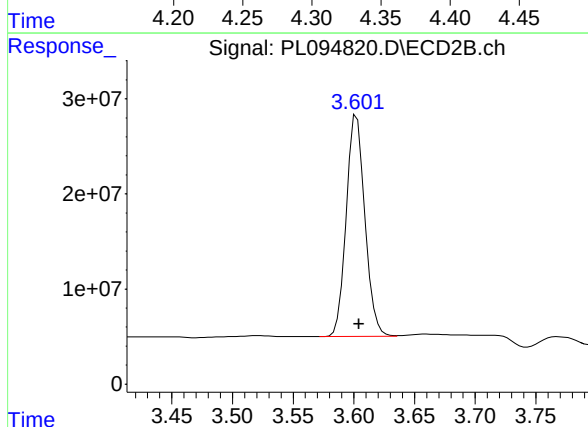
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.002 min
Response: 197677362
Conc: 49.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-5MS

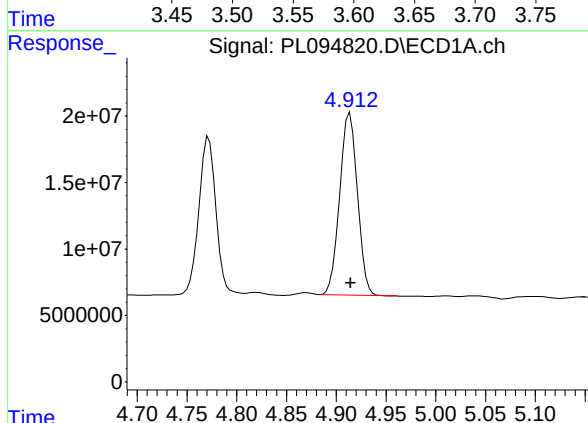
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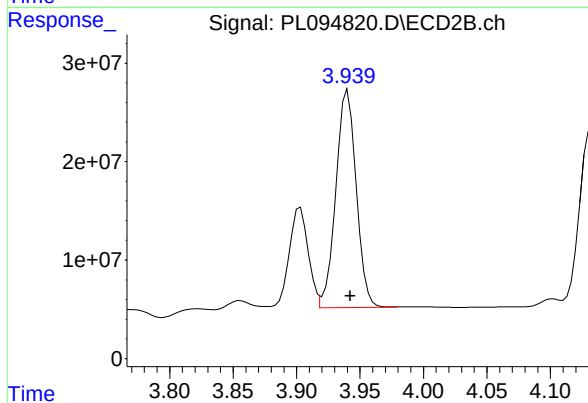
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 249334605
Conc: 48.51 ng/ml m



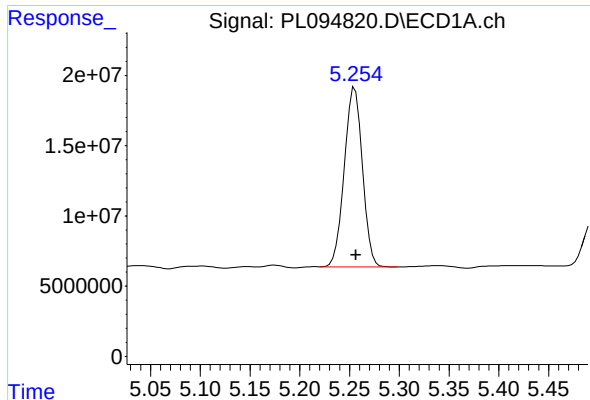
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 171028326
Conc: 44.06 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.003 min
Response: 246489497
Conc: 46.78 ng/ml m



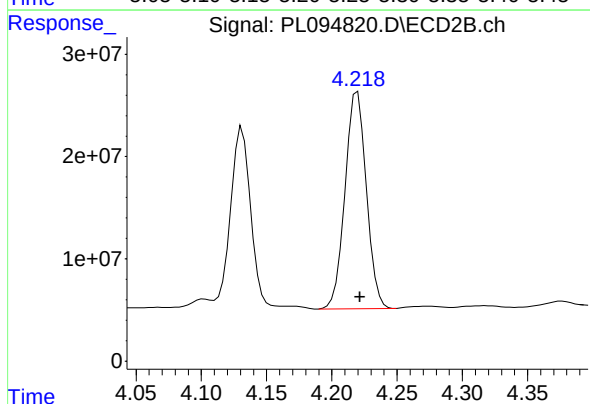
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: 0.000 min
Response: 162133977
Conc: 43.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-5MS

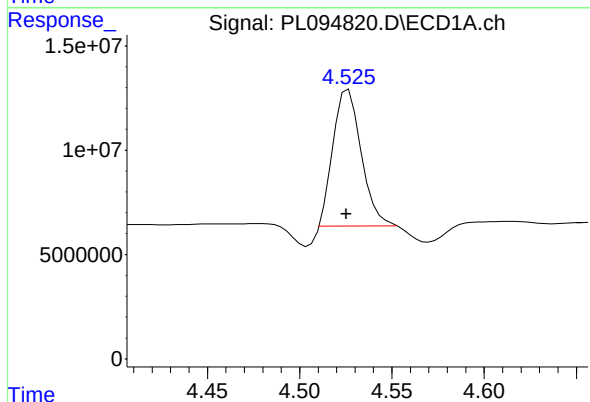
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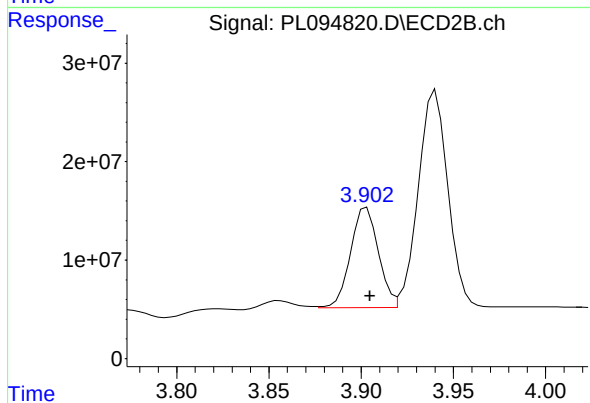
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: -0.002 min
Response: 241198715
Conc: 49.46 ng/ml



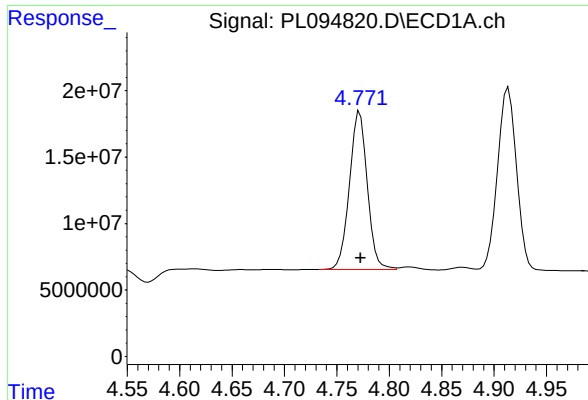
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 68873503
Conc: 37.33 ng/ml m



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.003 min
Response: 105208551
Conc: 47.36 ng/ml m



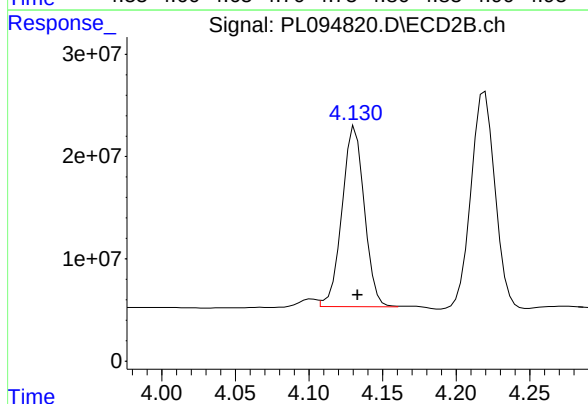
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: -0.002 min
Response: 142761302
Conc: 36.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-5MS

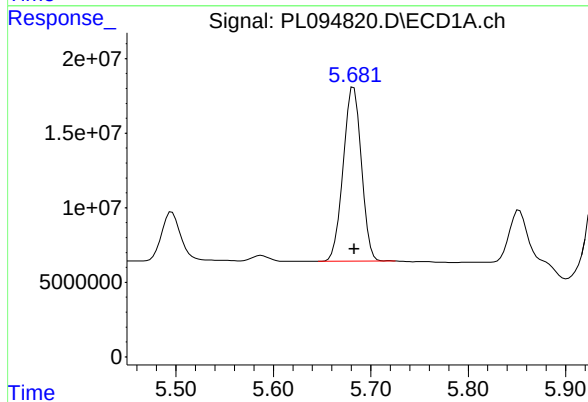
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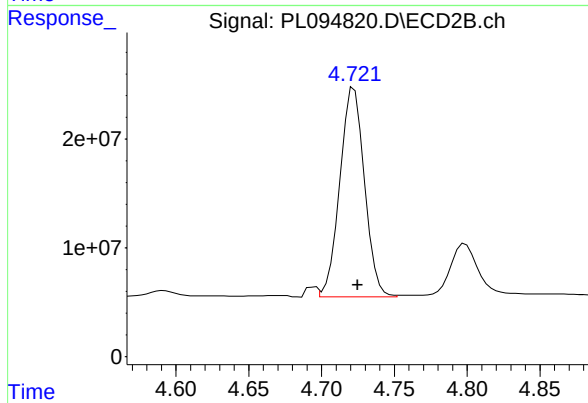
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.003 min
Response: 185621608
Conc: 37.11 ng/ml m



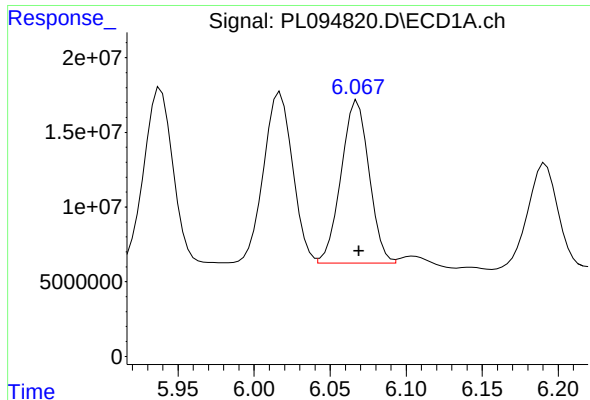
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 151301887
Conc: 45.23 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.004 min
Response: 226554766
Conc: 49.48 ng/ml m



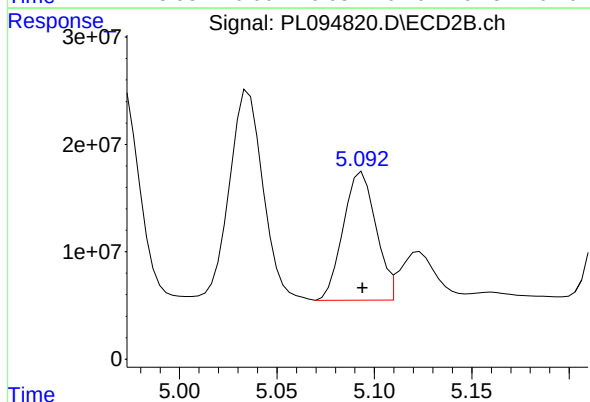
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 140082517
Conc: 45.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-5MS

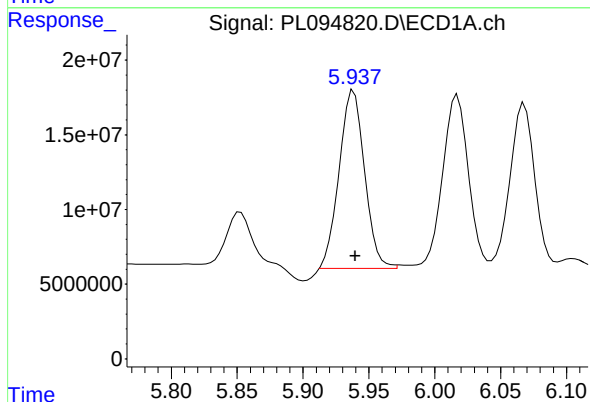
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Supervised By :mohammad ahmed 03/26/2025



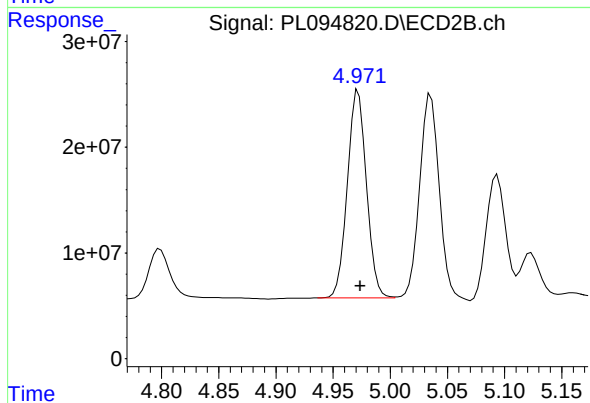
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: -0.002 min
Response: 145567040
Conc: 33.17 ng/ml



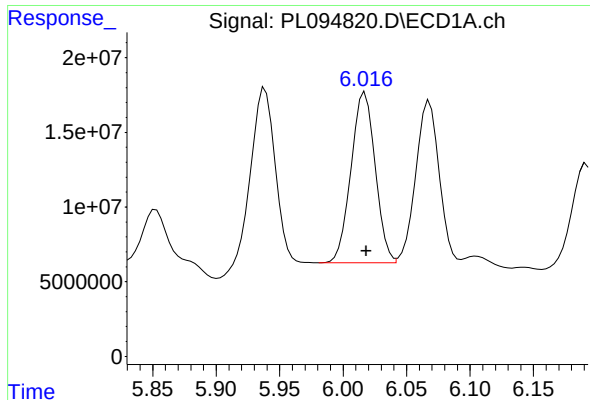
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.002 min
Response: 160152551
Conc: 47.53 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 230022766
Conc: 47.64 ng/ml



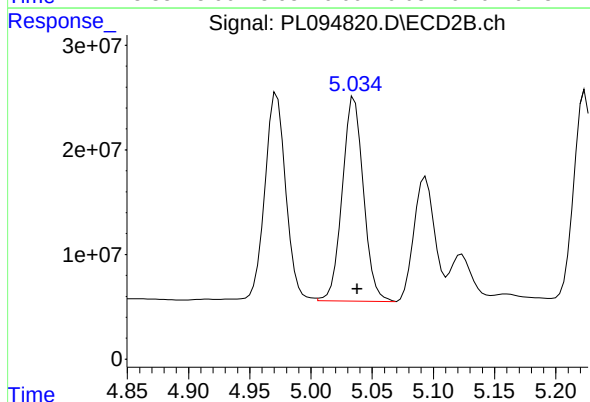
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.003 min
Response: 151458810
Conc: 45.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-5MS

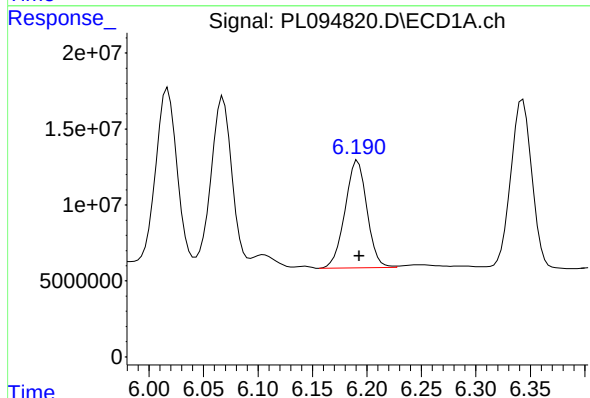
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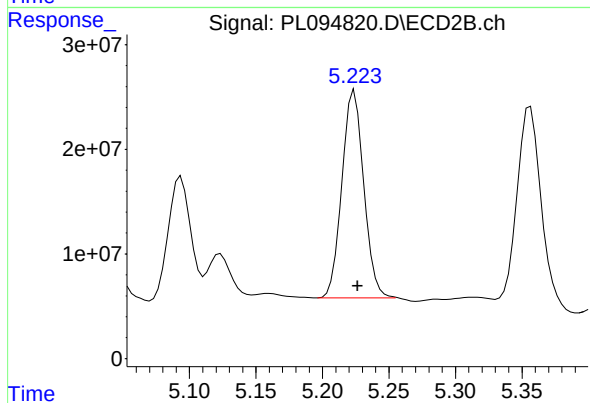
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: -0.004 min
Response: 234759232
Conc: 49.19 ng/ml



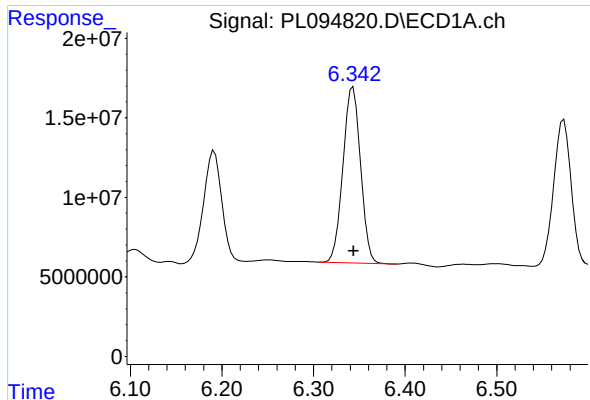
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.003 min
Response: 99038494
Conc: 33.66 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: -0.004 min
Response: 226922929
Conc: 48.82 ng/ml



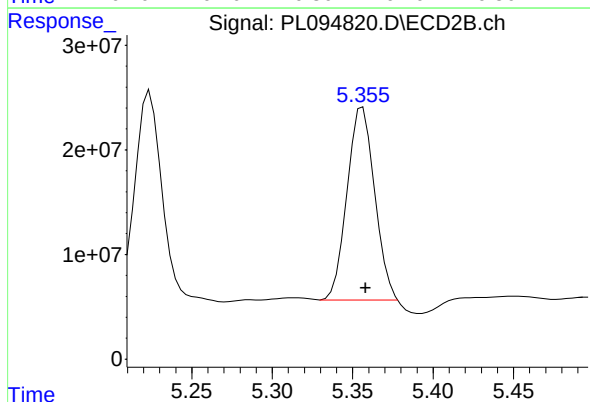
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 148233556
Conc: 46.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-5MS

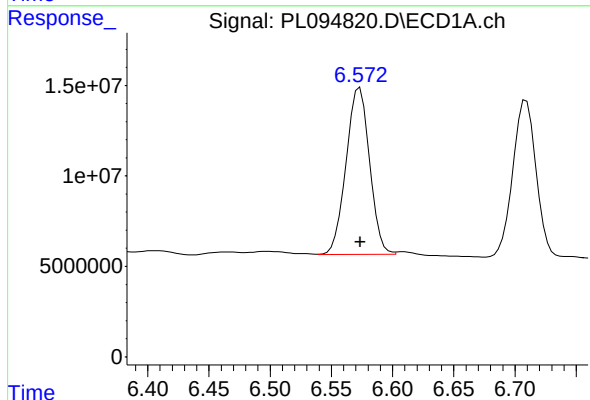
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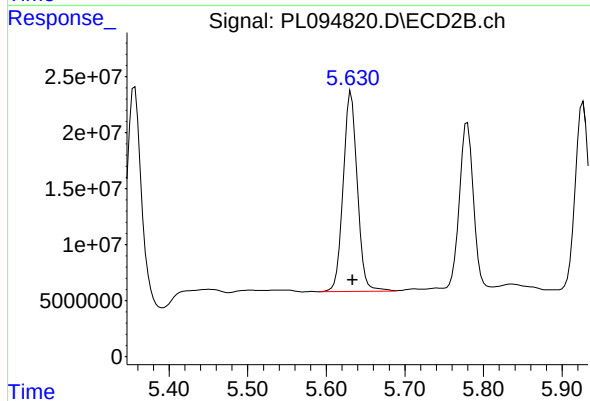
#13 Dieldrin

R.T.: 5.355 min
Delta R.T.: -0.003 min
Response: 220009769
Conc: 45.35 ng/ml



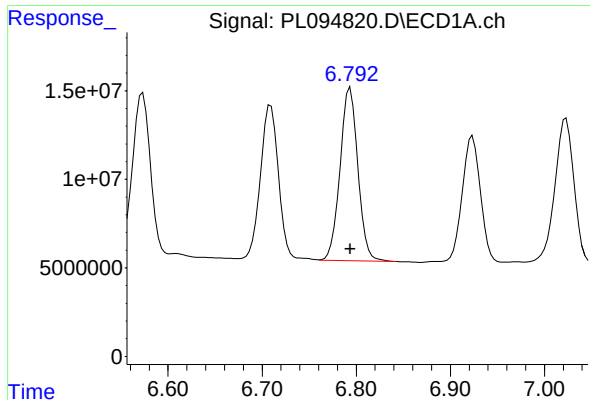
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 123043640
Conc: 44.39 ng/ml



#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.003 min
Response: 223257962
Conc: 51.16 ng/ml



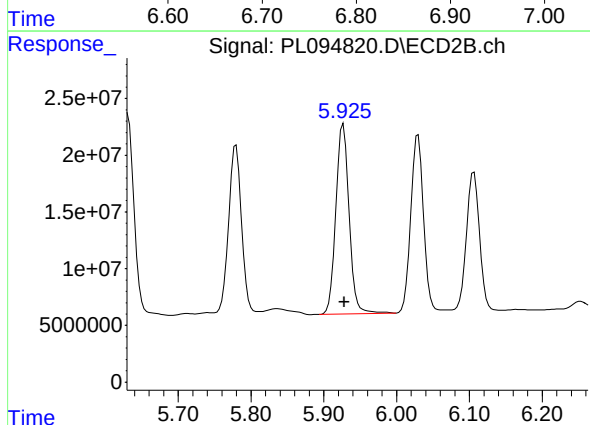
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 128465314
Conc: 47.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-5MS

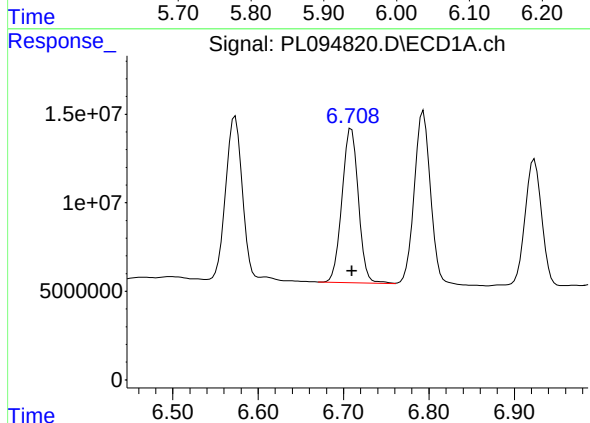
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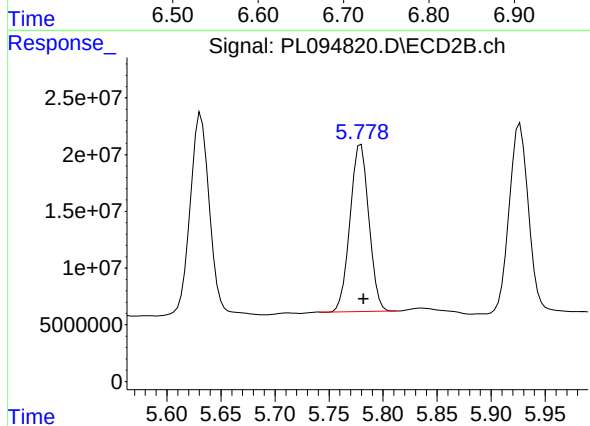
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: -0.002 min
Response: 212733312
Conc: 49.15 ng/ml



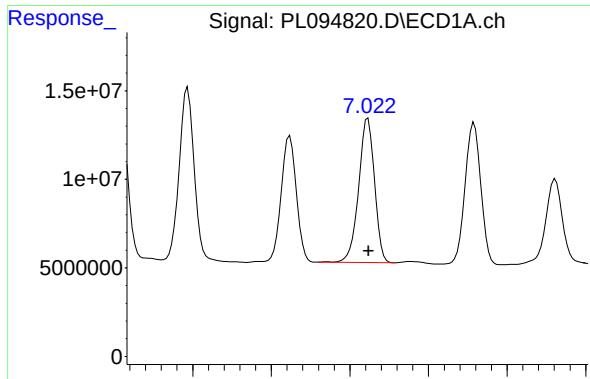
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 115912805
Conc: 53.51 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 178528204
Conc: 49.65 ng/ml



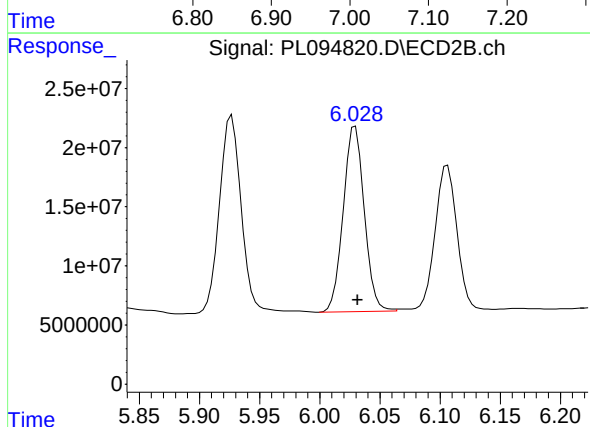
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 114473747
Conc: 48.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-5MS

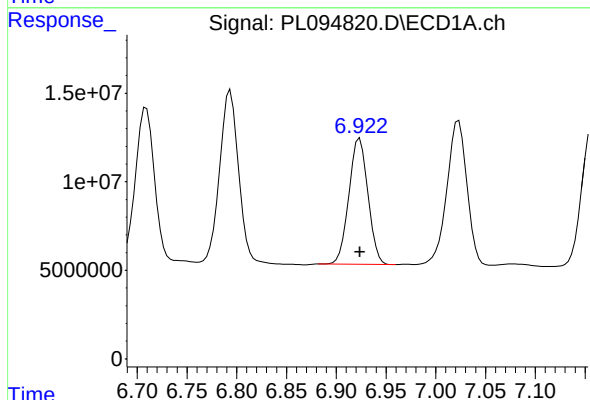
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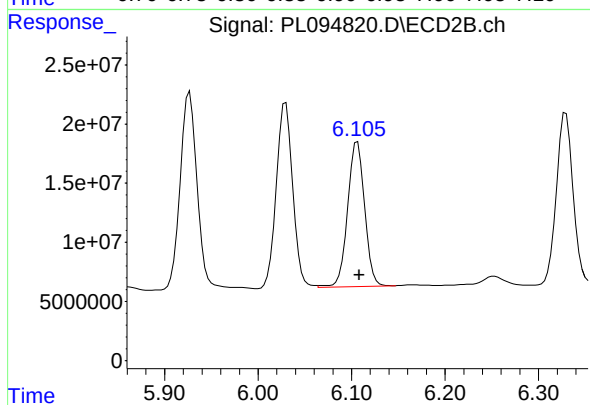
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.002 min
Response: 191207933
Conc: 47.42 ng/ml



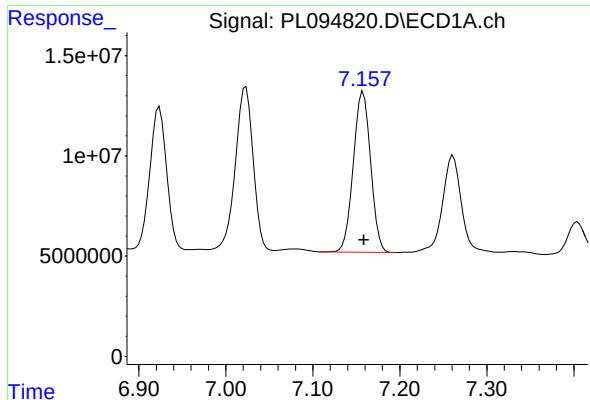
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 94795258
Conc: 44.91 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 155011473
Conc: 46.06 ng/ml



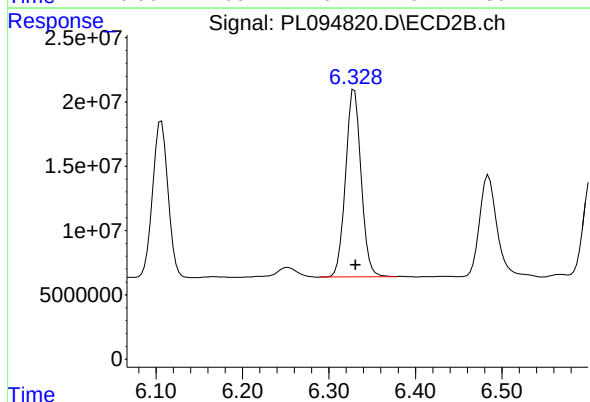
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 111108753
Conc: 45.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-5MS

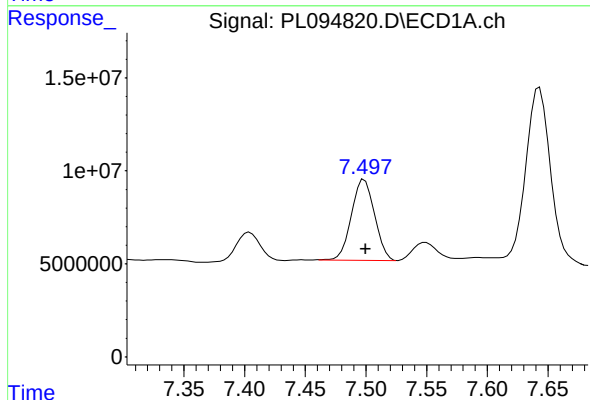
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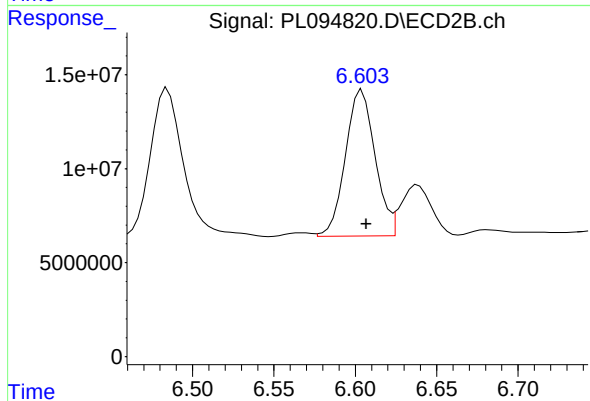
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 181367212
Conc: 44.52 ng/ml



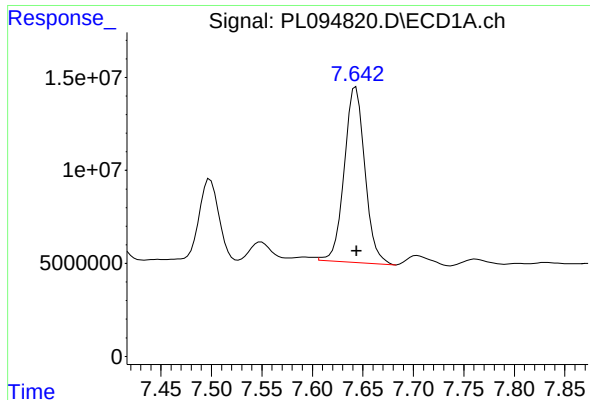
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.002 min
Response: 58006837
Conc: 48.46 ng/ml m



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: -0.003 min
Response: 98266913
Conc: 46.33 ng/ml



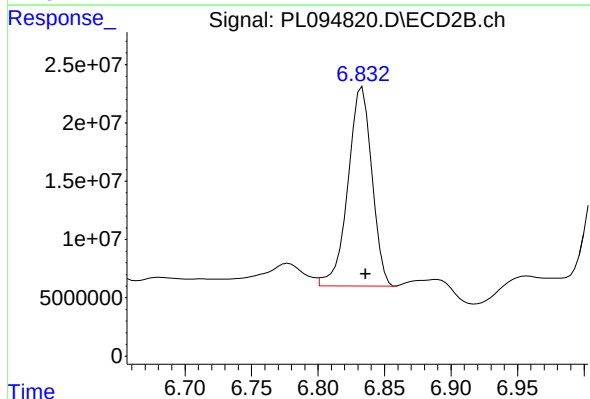
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.002 min
Response: 133869143
Conc: 50.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-5MS

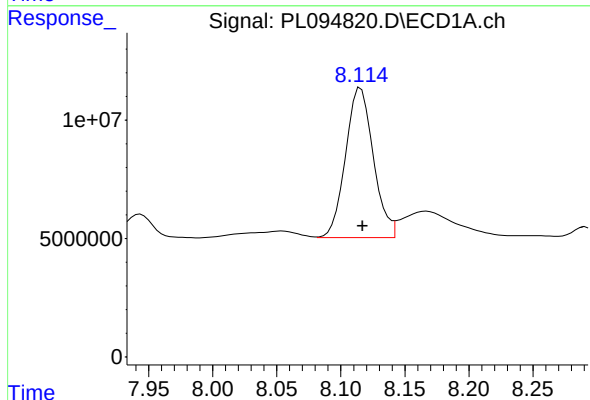
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Reviewed By :Abdul Mirza 03/25/2025
Supervised By :mohammad ahmed 03/26/2025



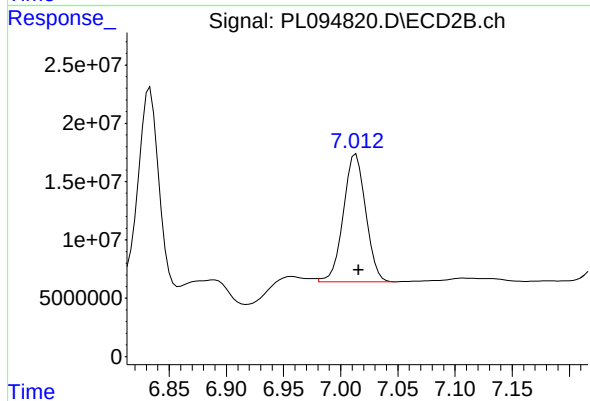
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.004 min
Response: 213724305
Conc: 44.78 ng/ml m



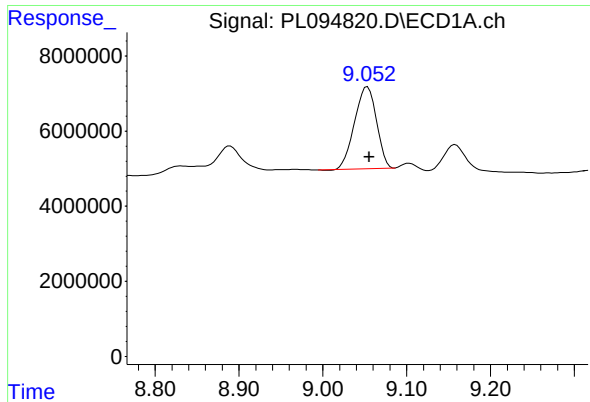
#22 Mirex

R.T.: 8.114 min
Delta R.T.: -0.003 min
Response: 95427708
Conc: 46.18 ng/ml m



#22 Mirex

R.T.: 7.012 min
Delta R.T.: -0.004 min
Response: 149603218
Conc: 39.42 ng/ml m



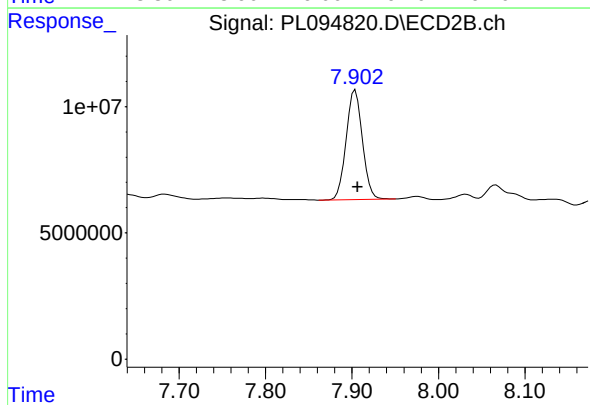
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: -0.002 min
Response: 39698664
Conc: 18.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-5MS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.003 min
Response: 56358497
Conc: 13.95 ng/ml