

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032525\
 Data File : PL094840.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Mar 2025 15:22
 Operator : AR\AJ
 Sample : PB167290BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167290BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/26/2025
 Supervised By : mohammad ahmed 03/27/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 26 01:20:01 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...	3.536	2.770	51134228	67433803	18.064	18.893
28) SA Decachlor...	9.053	7.903	44409364	72275123	21.072	17.893
Target Compounds						
2) A alpha-BHC	3.992	3.272	200.0E6	294.9E6	48.159	54.692
3) MA gamma-BHC...	4.325	3.601	192.9E6	273.3E6	48.350	53.181
4) MA Heptachlor	4.912	3.939	181.5E6	267.5E6	46.763	50.775
5) MB Aldrin	5.254	4.218	174.5E6	254.1E6	47.263	52.115
6) B beta-BHC	4.524	3.902	88852443	119.9E6	48.153	53.972
7) B delta-BHC	4.771	4.130	201.0E6	272.0E6	51.616	54.388
8) B Heptachlo...	5.681	4.721	160.5E6	238.5E6	47.982	52.089
9) A Endosulfan I	6.066	5.090	151.9E6	225.1E6	49.463	51.288
10) B gamma-Chl...	5.937	4.971	164.8E6	251.4E6	48.904	52.065
11) B alpha-Chl...	6.016	5.034	161.8E6	245.6E6	49.075	51.456
12) B 4,4'-DDE	6.190	5.223	160.3E6	256.3E6	54.494	55.144
13) MA Dieldrin	6.342	5.353	160.8E6	253.0E6	50.270	52.149m
14) MA Endrin	6.570	5.630	137.5E6	232.5E6	49.590m	53.271
15) B Endosulfa...	6.792	5.925	136.5E6	223.3E6	50.277	51.593
16) A 4,4'-DDD	6.708	5.778	122.2E6	201.9E6	56.419	56.155
17) MA 4,4'-DDT	7.022	6.028	126.3E6	213.3E6	53.110	52.904
18) B Endrin al...	6.922	6.105	106.4E6	171.7E6	50.411	51.006
19) B Endosulfa...	7.157	6.327	122.6E6	215.4E6	50.430	52.890
20) A Methoxychlor	7.498	6.603	64750663	113.8E6	54.091	53.674
21) B Endrin ke...	7.642	6.831	135.2E6	237.3E6	51.168	49.718m
22) Mirex	8.114	7.010	97096121	181.1E6	46.991	47.705m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032525\
Data File : PL094840.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Mar 2025 15:22
Operator : AR\AJ
Sample : PB167290BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB167290BS

Manual Integrations

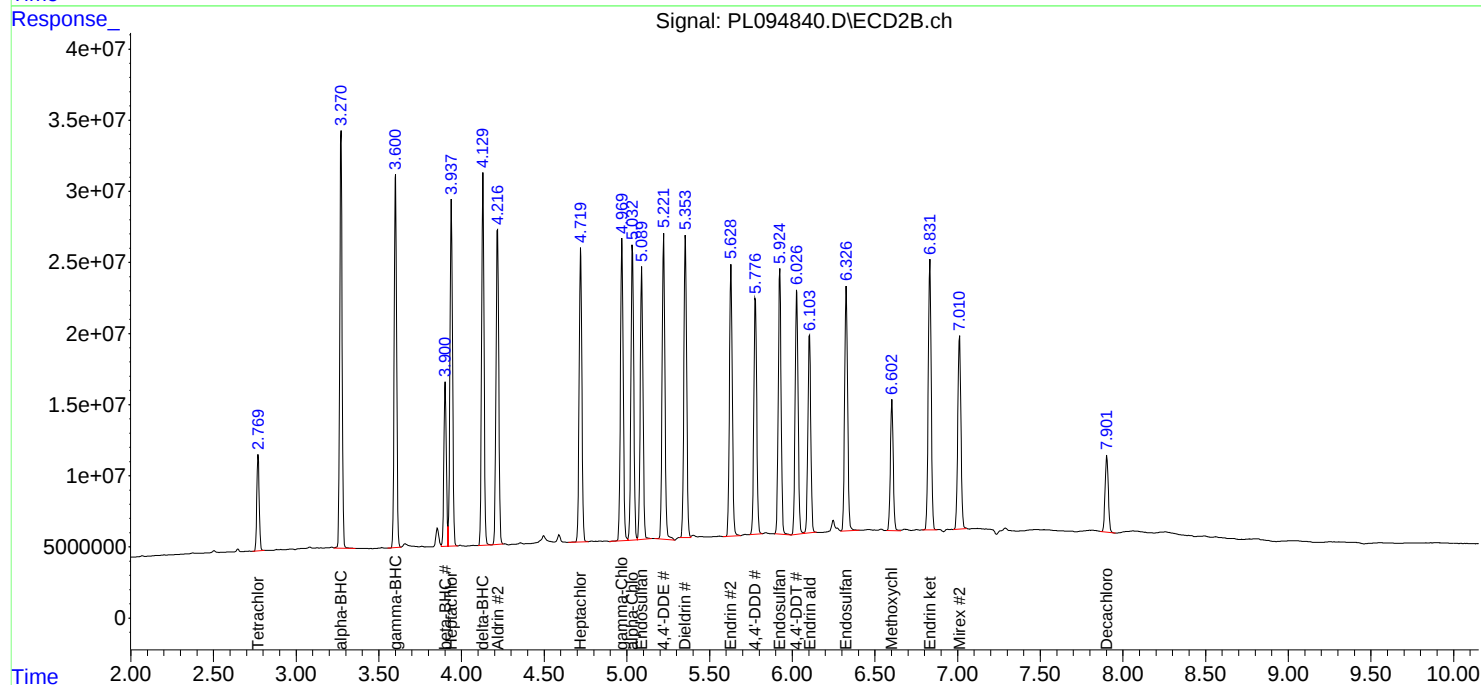
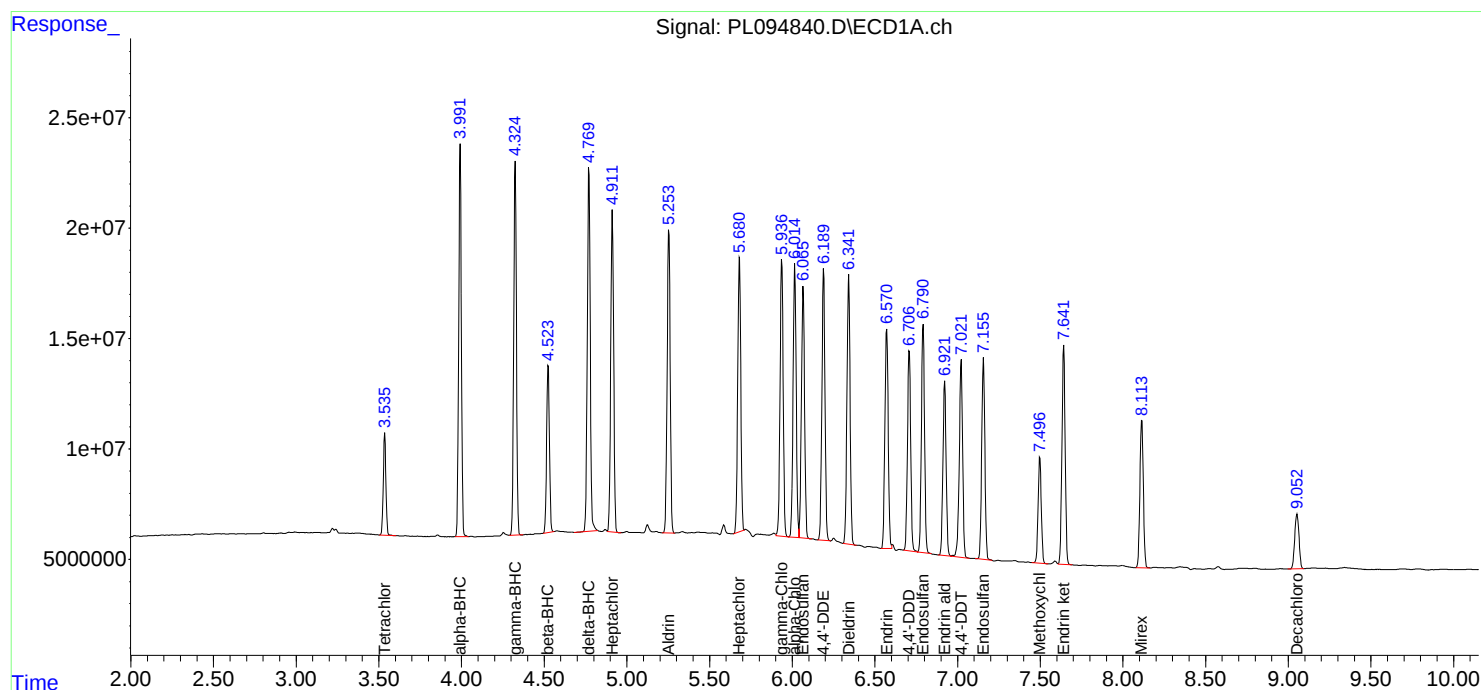
APPROVED

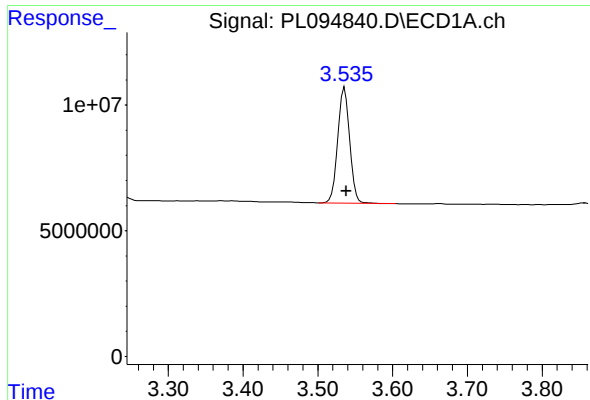
Reviewed By :Abdul Mirza 03/26/2025

Supervised By :mohammad ahmed 03/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 26 01:20:01 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





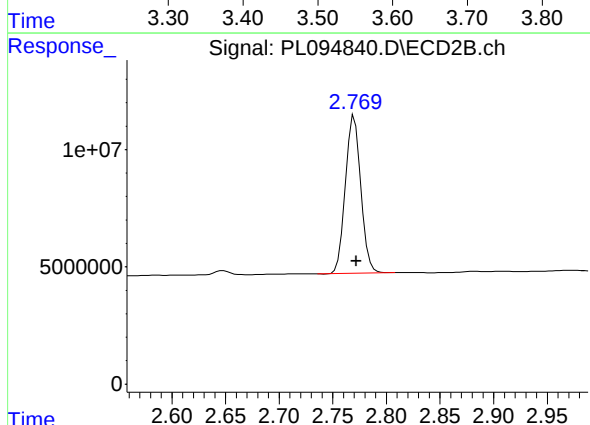
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.002 min
Response: 51134228
Conc: 18.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167290BS

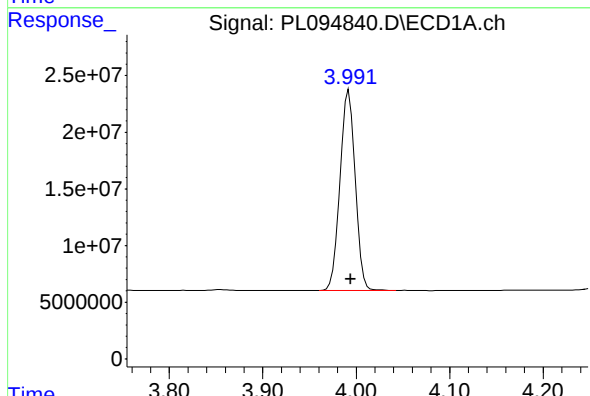
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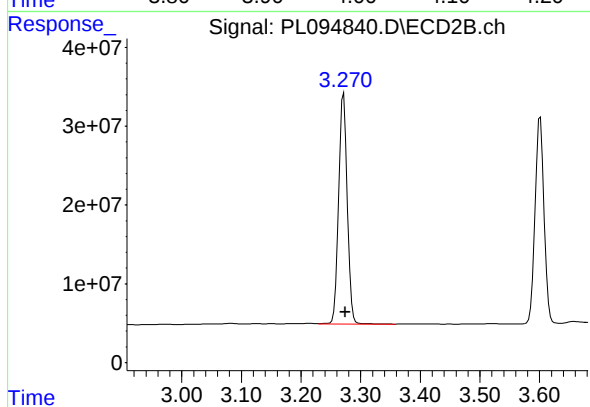
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 67433803
Conc: 18.89 ng/ml



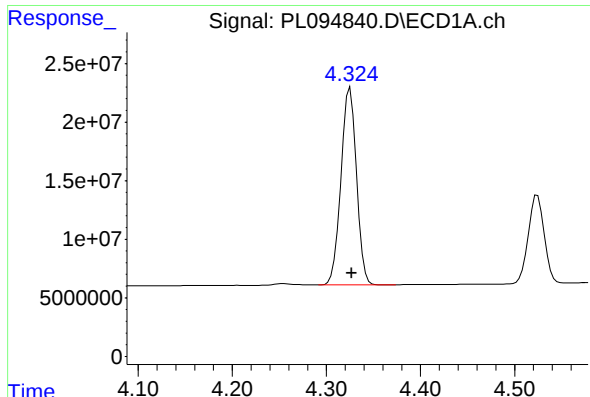
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 199970864
Conc: 48.16 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.003 min
Response: 294867128
Conc: 54.69 ng/ml



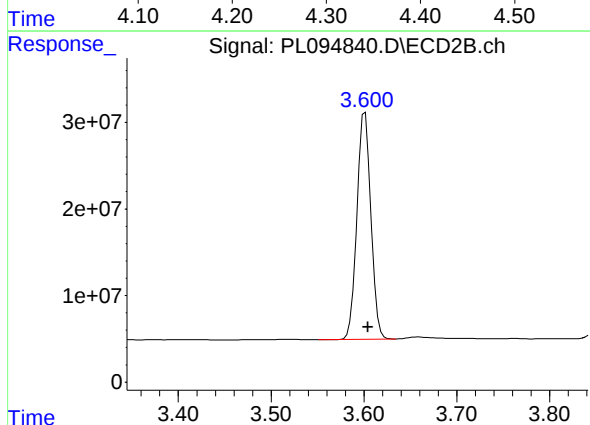
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 192928754
Conc: 48.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167290BS

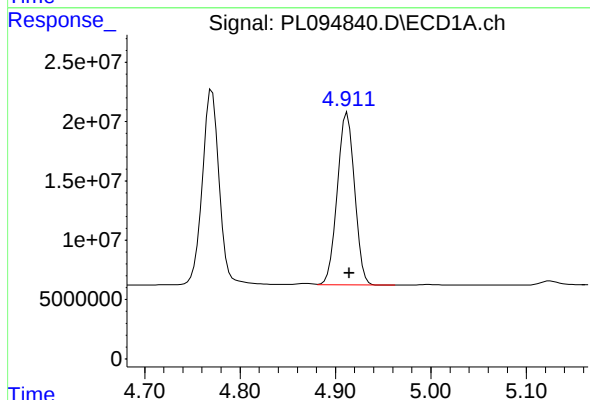
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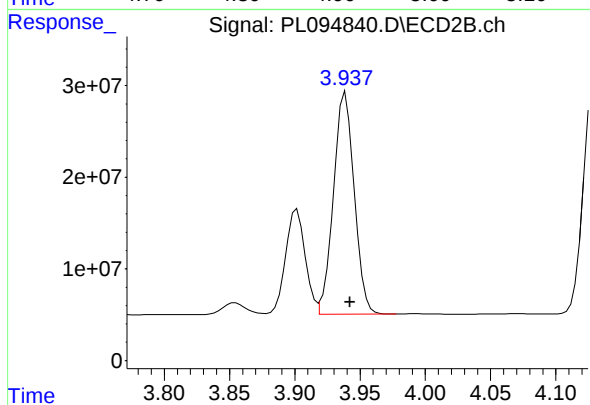
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 273320984
Conc: 53.18 ng/ml



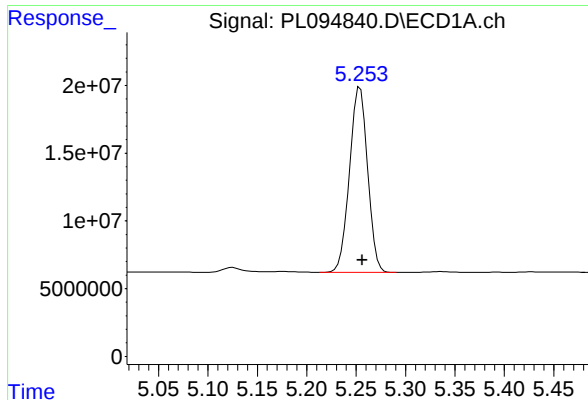
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.002 min
Response: 181516587
Conc: 46.76 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.004 min
Response: 267515673
Conc: 50.78 ng/ml



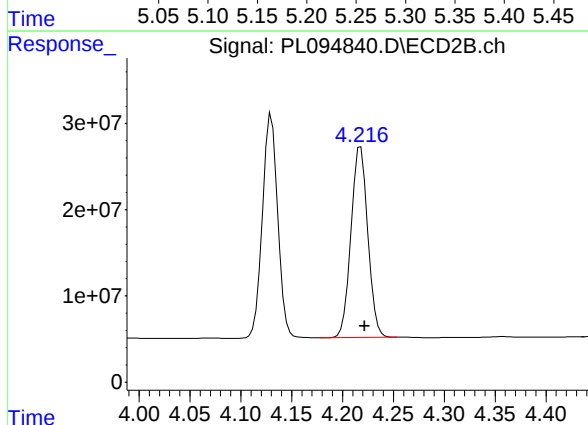
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: -0.002 min
Response: 174506543
Conc: 47.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167290BS

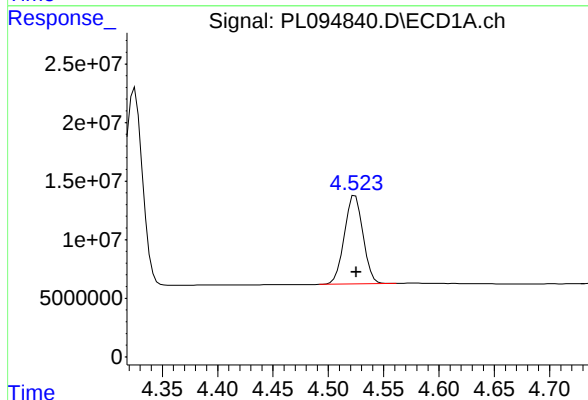
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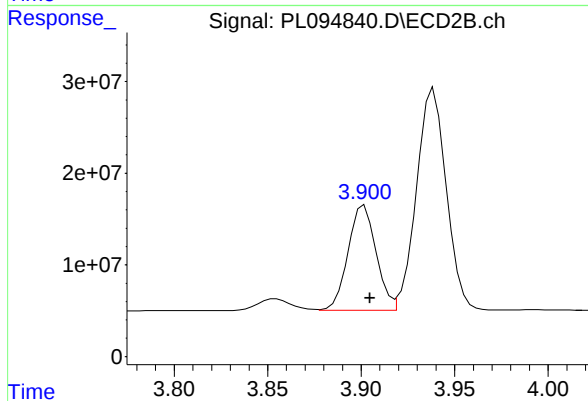
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.004 min
Response: 254132837
Conc: 52.12 ng/ml



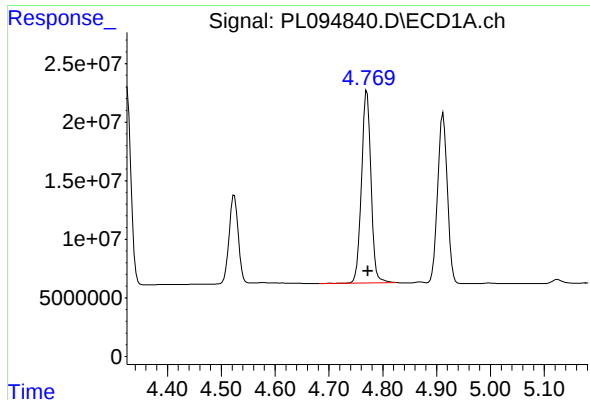
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 88852443
Conc: 48.15 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.003 min
Response: 119887583
Conc: 53.97 ng/ml



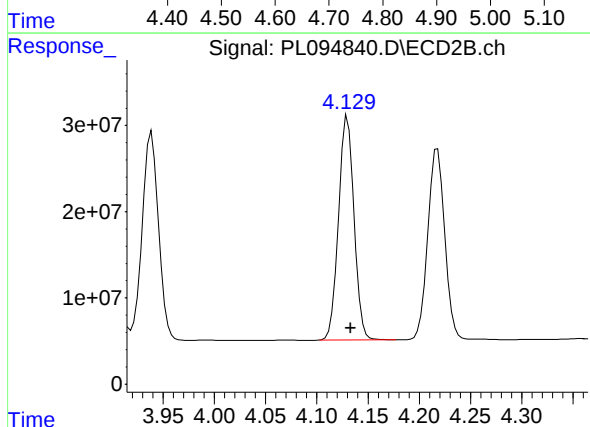
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: -0.002 min
Response: 201006699
Conc: 51.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167290BS

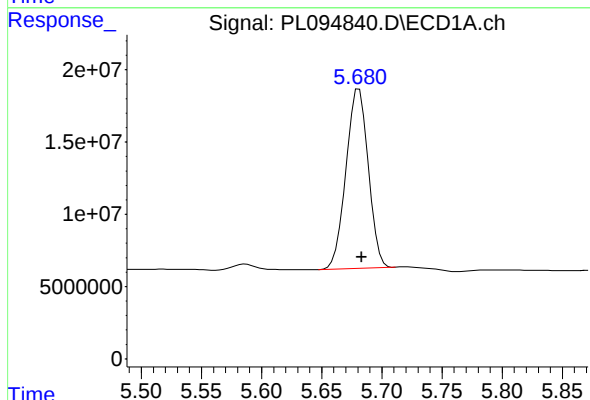
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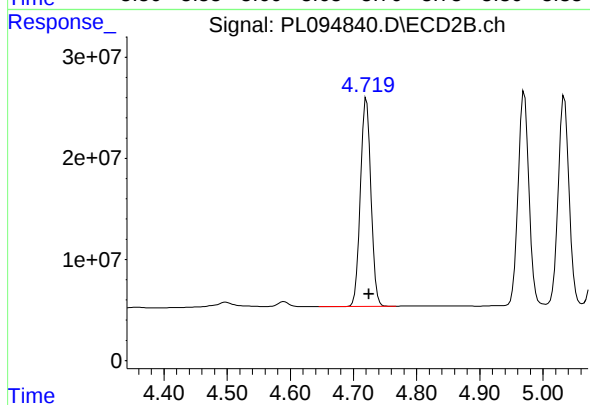
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.003 min
Response: 272046168
Conc: 54.39 ng/ml



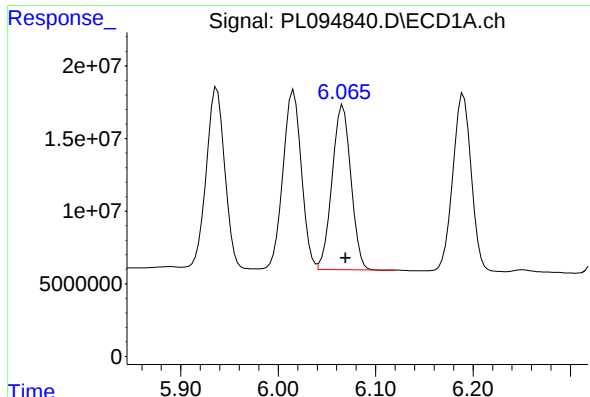
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 160510140
Conc: 47.98 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.004 min
Response: 238491829
Conc: 52.09 ng/ml



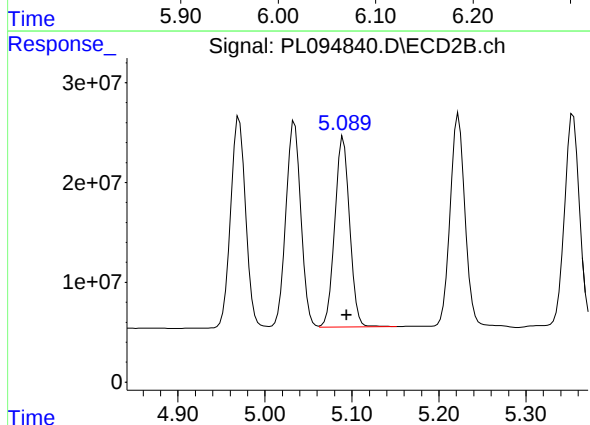
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 151861848
Conc: 49.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167290BS

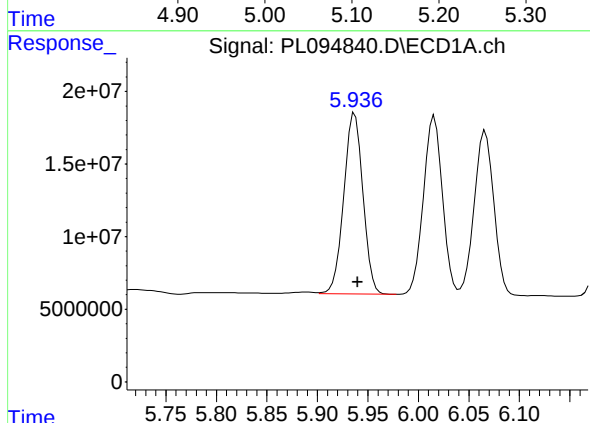
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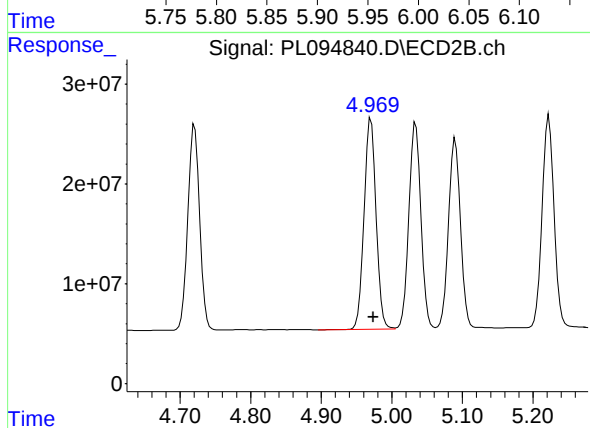
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: -0.004 min
Response: 225089576
Conc: 51.29 ng/ml



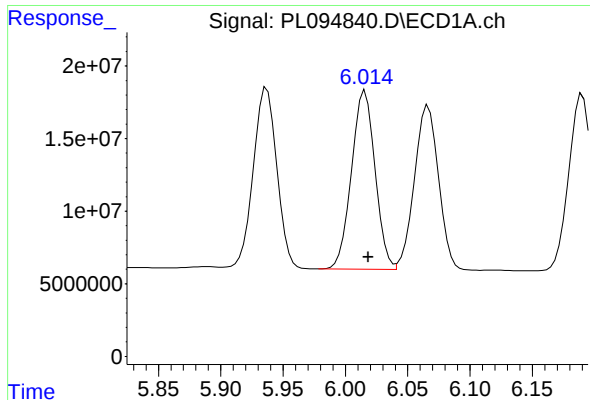
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.002 min
Response: 164775960
Conc: 48.90 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 251390251
Conc: 52.06 ng/ml



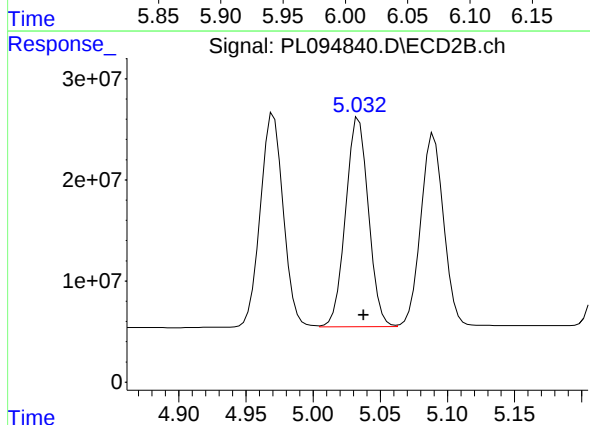
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.003 min
Response: 161791785
Conc: 49.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167290BS

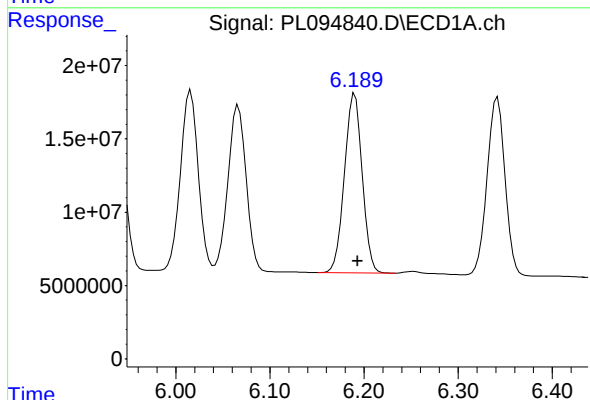
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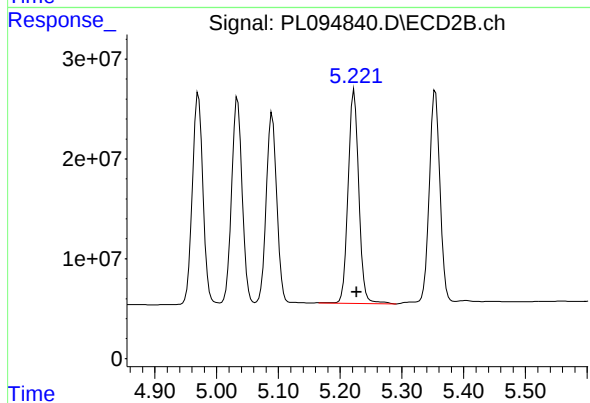
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: -0.004 min
Response: 245585696
Conc: 51.46 ng/ml



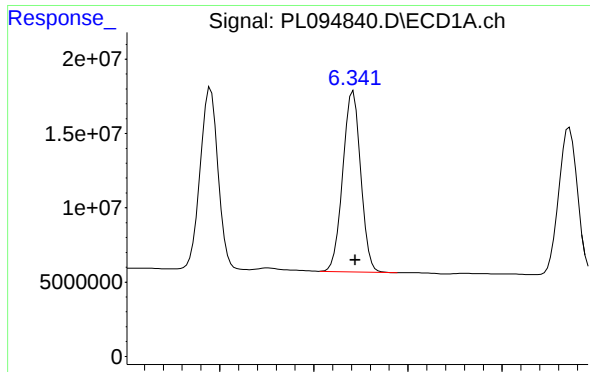
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.003 min
Response: 160324758
Conc: 54.49 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: -0.004 min
Response: 256337786
Conc: 55.14 ng/ml



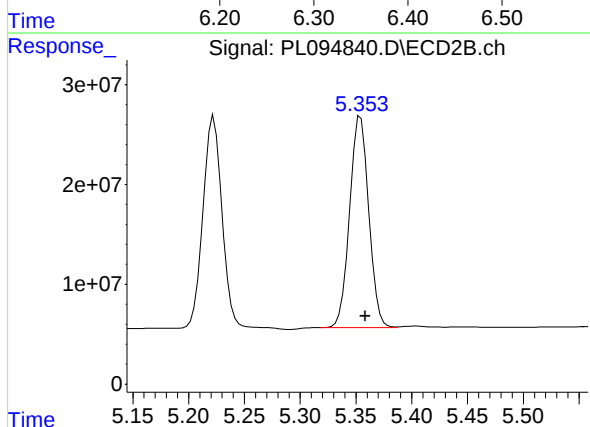
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 160771197
Conc: 50.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167290BS

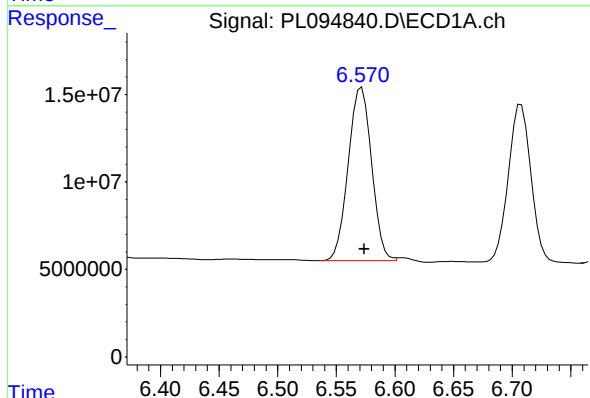
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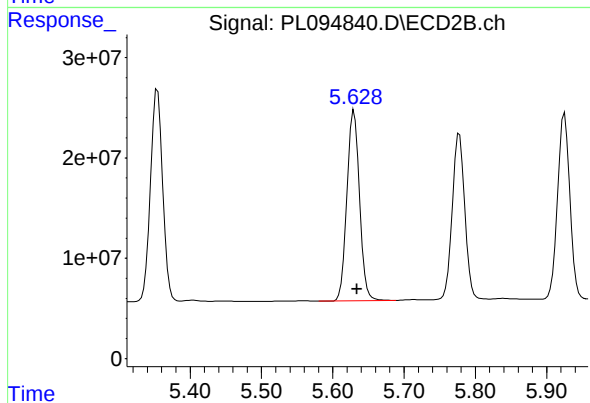
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: -0.005 min
Response: 253017620
Conc: 52.15 ng/ml



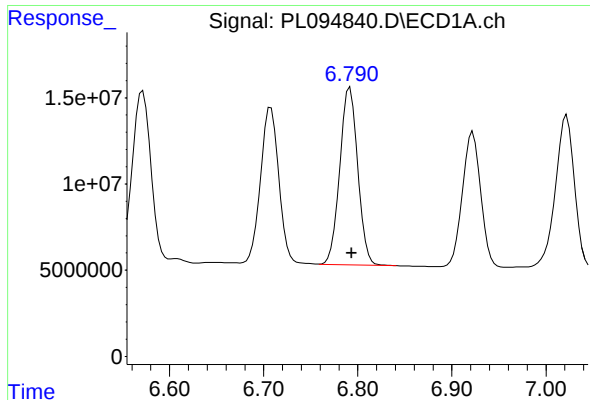
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.003 min
Response: 137467598
Conc: 49.59 ng/ml



#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.004 min
Response: 232454244
Conc: 53.27 ng/ml



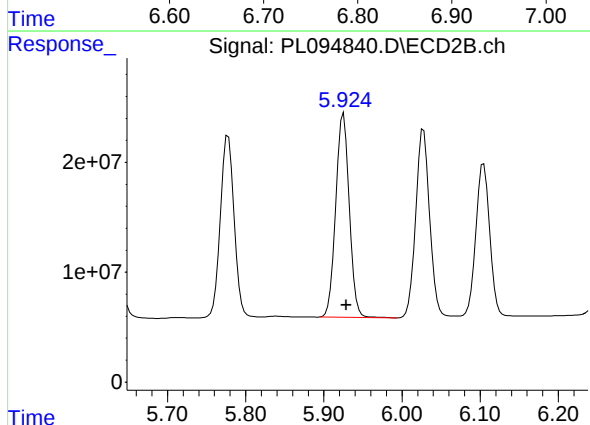
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: -0.002 min
Response: 136490076
Conc: 50.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167290BS

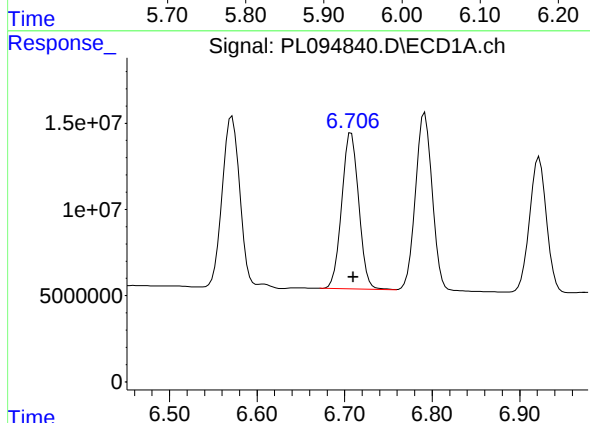
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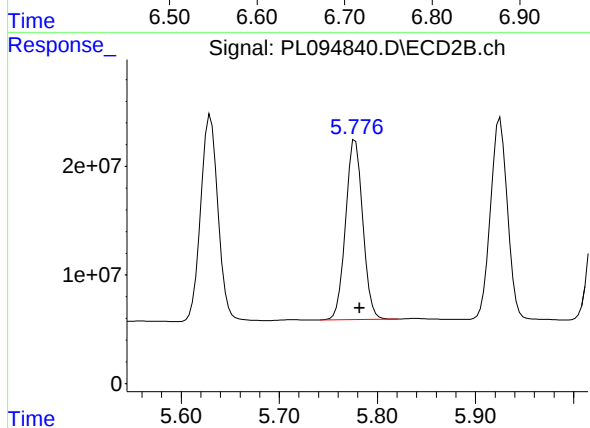
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: -0.003 min
Response: 223307627
Conc: 51.59 ng/ml



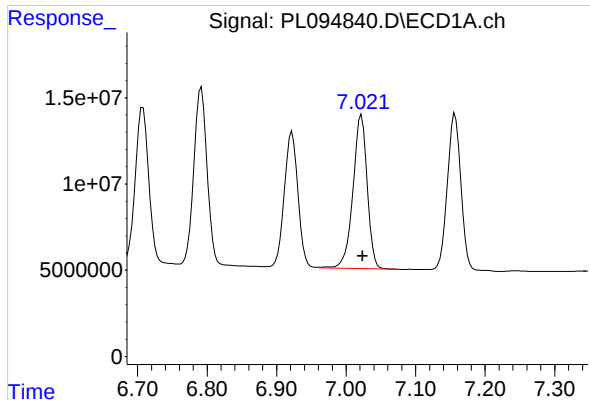
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 122207473
Conc: 56.42 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 201927947
Conc: 56.16 ng/ml



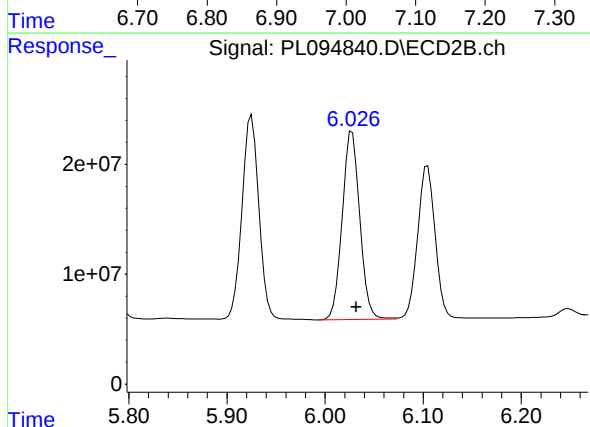
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: -0.002 min
Response: 126324431
Conc: 53.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167290BS

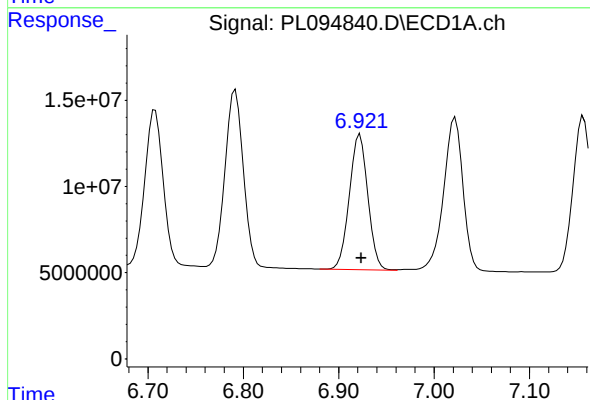
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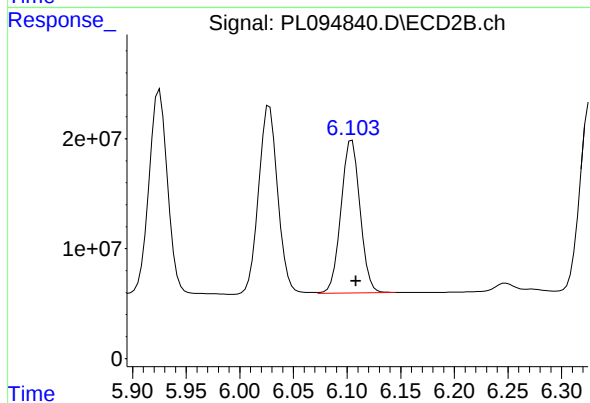
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: -0.004 min
Response: 213313367
Conc: 52.90 ng/ml



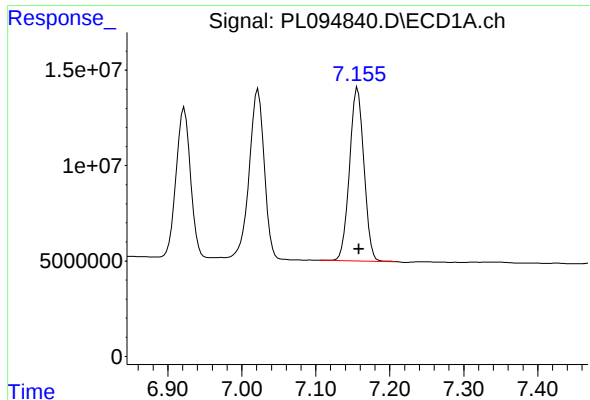
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: -0.002 min
Response: 106416509
Conc: 50.41 ng/ml



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.004 min
Response: 171655227
Conc: 51.01 ng/ml



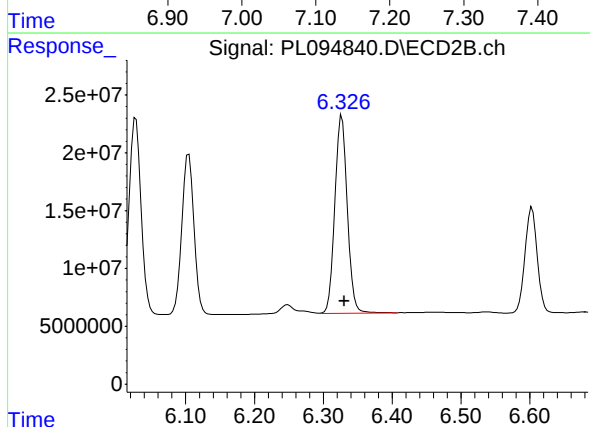
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: -0.002 min
Response: 122645601
Conc: 50.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167290BS

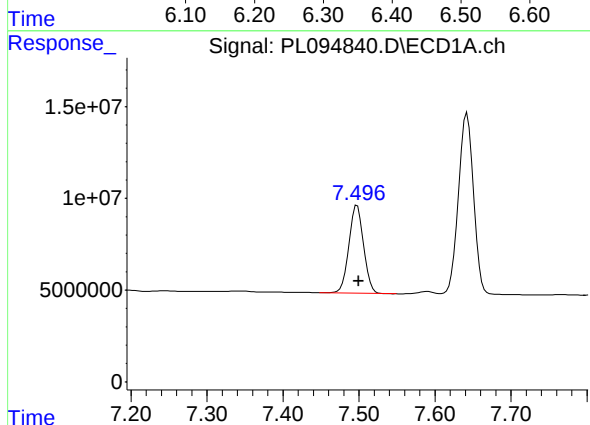
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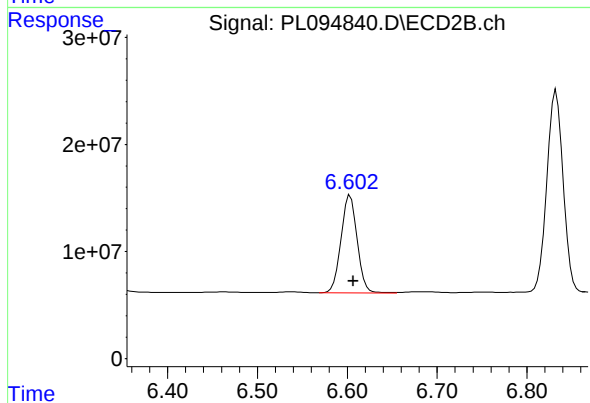
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: -0.004 min
Response: 215443029
Conc: 52.89 ng/ml



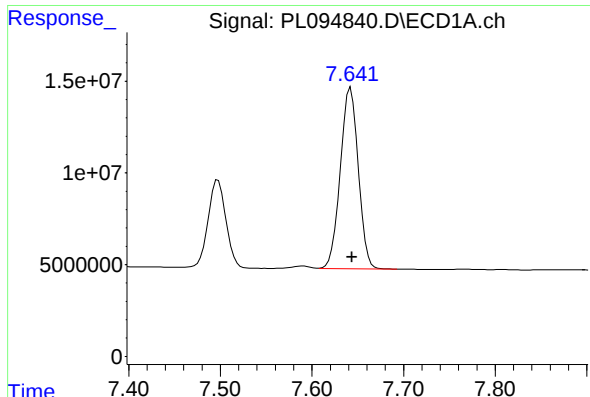
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 64750663
Conc: 54.09 ng/ml



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: -0.004 min
Response: 113847147
Conc: 53.67 ng/ml



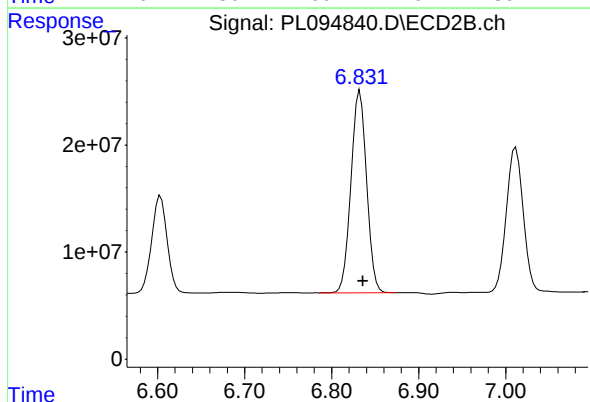
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.001 min
Response: 135249656
Conc: 51.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167290BS

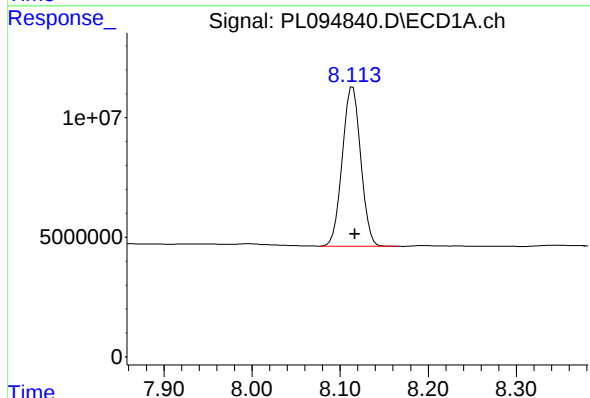
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/26/2025
Supervised By :mohammad ahmed 03/27/2025



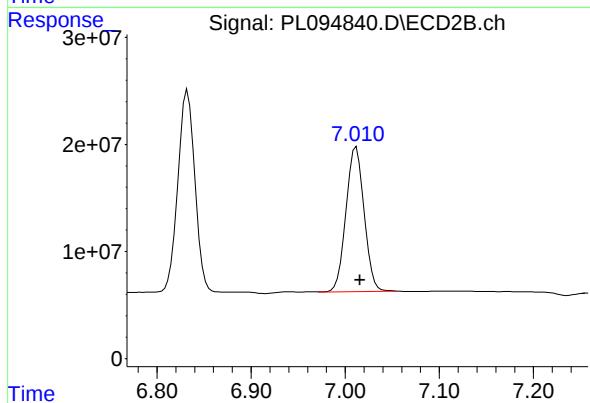
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: -0.005 min
Response: 237283151
Conc: 49.72 ng/ml m



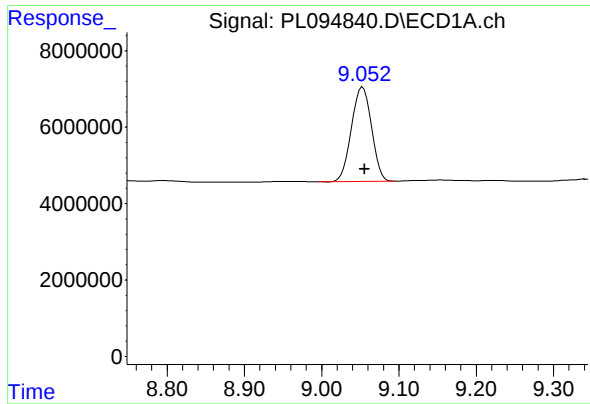
#22 Mirex

R.T.: 8.114 min
Delta R.T.: -0.003 min
Response: 97096121
Conc: 46.99 ng/ml



#22 Mirex

R.T.: 7.010 min
Delta R.T.: -0.005 min
Response: 181053864
Conc: 47.70 ng/ml m



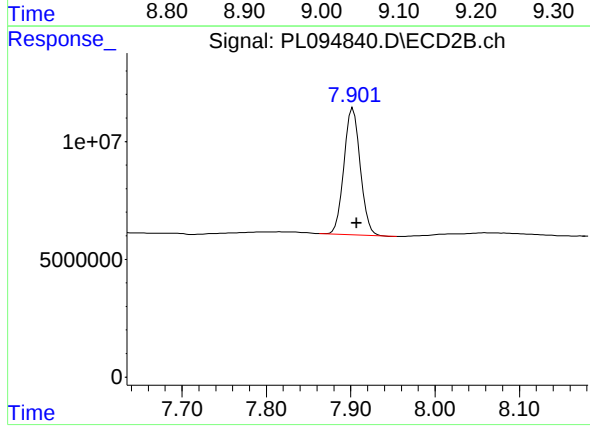
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: -0.003 min
Response: 44409364
Conc: 21.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167290BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.903 min
Delta R.T.: -0.004 min
Response: 72275123
Conc: 17.89 ng/ml