

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032725\
 Data File : PL094896.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Mar 2025 10:17
 Operator : AR\AJ
 Sample : PB167325BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167325BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/28/2025
 Supervised By : mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 27 12:42:04 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...	3.543	2.769	55629343	76802604	19.652	21.518
28) SA Decachlor...	9.060	7.904	52321093	90717282	24.827	22.458
Target Compounds						
2) A alpha-BHC	3.999	3.271	178.5E6	277.2E6	42.977	51.412
3) MA gamma-BHC...	4.332	3.601	171.1E6	253.6E6	42.883	49.337
4) MA Heptachlor	4.920	3.939	163.7E6	242.0E6	42.171	45.936
5) MB Aldrin	5.261	4.218	156.8E6	226.7E6	42.476	46.495
6) B beta-BHC	4.531	3.902	78478391	109.2E6	42.531	49.145
7) B delta-BHC	4.778	4.130	178.5E6	243.8E6	45.825	48.749
8) B Heptachlo...	5.687	4.721	147.0E6	214.8E6	43.957	46.907
9) A Endosulfan I	6.073	5.089	136.0E6	190.6E6	44.298	43.440m
10) B gamma-Chl...	5.944	4.971	147.7E6	233.1E6	43.839	48.281
11) B alpha-Chl...	6.023	5.034	146.5E6	230.8E6	44.444	48.348
12) B 4,4'-DDE	6.196	5.222	142.8E6	228.8E6	48.554	49.215m
13) MA Dieldrin	6.348	5.354	143.1E6	232.9E6	44.734	48.009m
14) MA Endrin	6.577	5.631	122.3E6	215.1E6	44.132m	49.298
15) B Endosulfa...	6.799	5.926	123.8E6	212.0E6	45.599	48.973
16) A 4,4'-DDD	6.714	5.779	111.2E6	193.3E6	51.339	53.759
17) MA 4,4'-DDT	7.028	6.029	114.1E6	204.7E6	47.972	50.764
18) B Endrin al...	6.929	6.105	95846530	163.7E6	45.404	48.657
19) B Endosulfa...	7.164	6.328	113.9E6	201.5E6	46.839	49.479
20) A Methoxychlor	7.504	6.604	62972530	105.5E6	52.605	49.758
21) B Endrin ke...	7.648	6.832	128.3E6	240.2E6	48.548	50.334m
22) Mirex	8.120	7.011	94046279	178.7E6	45.515	47.096m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032725\
Data File : PL094896.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 10:17
Operator : AR\AJ
Sample : PB167325BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB167325BS

Manual Integrations

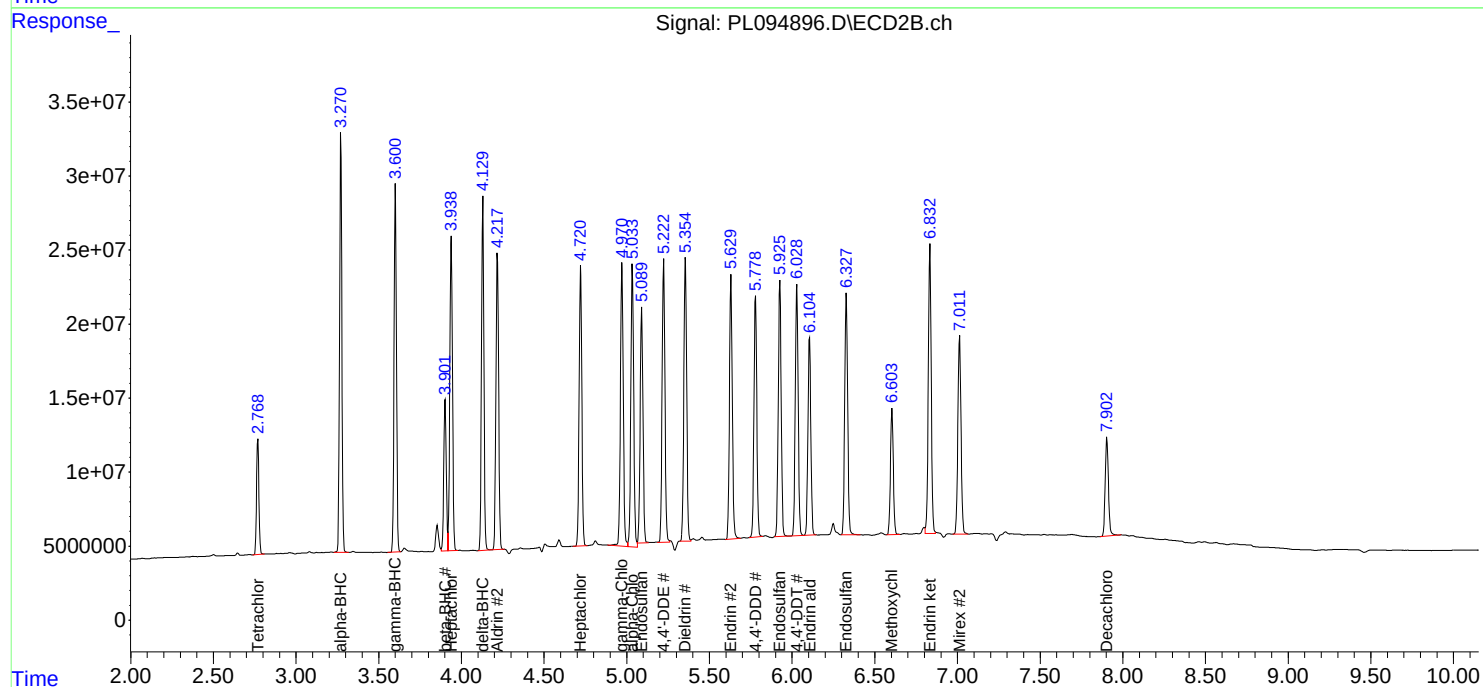
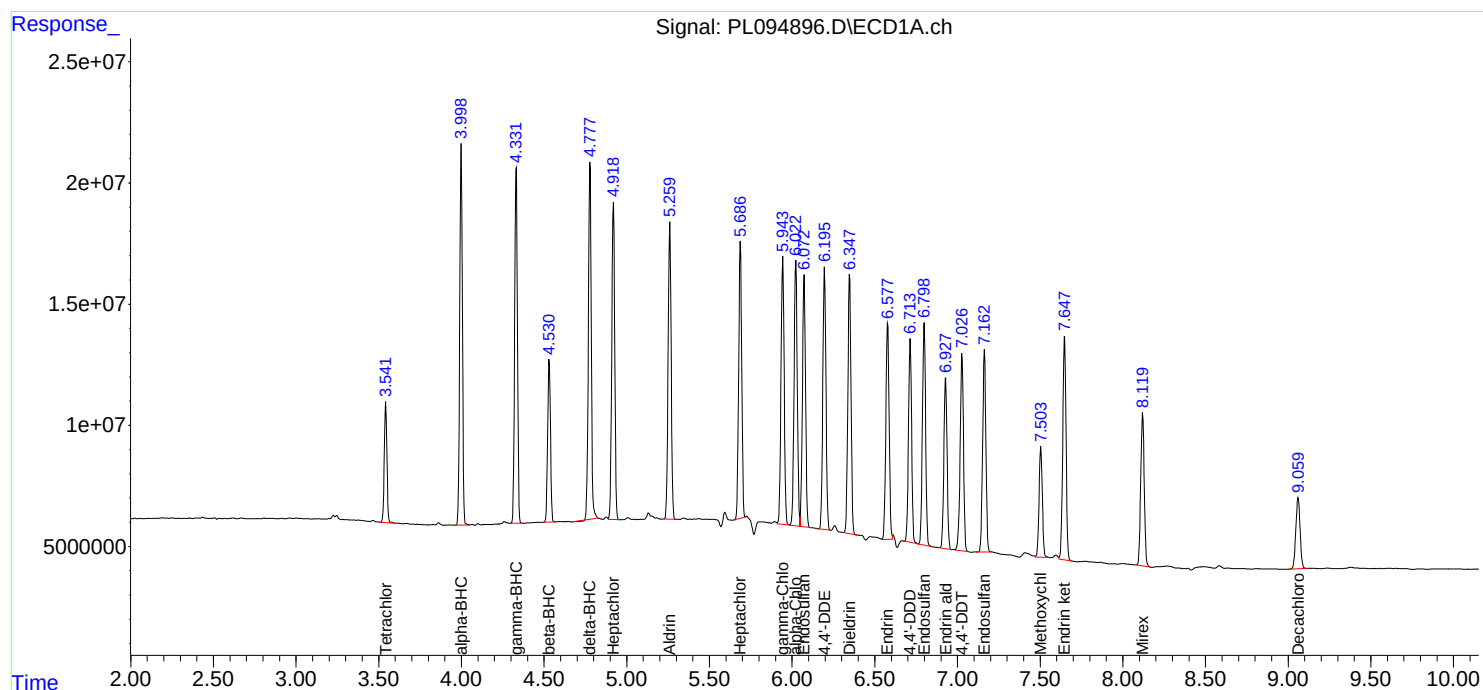
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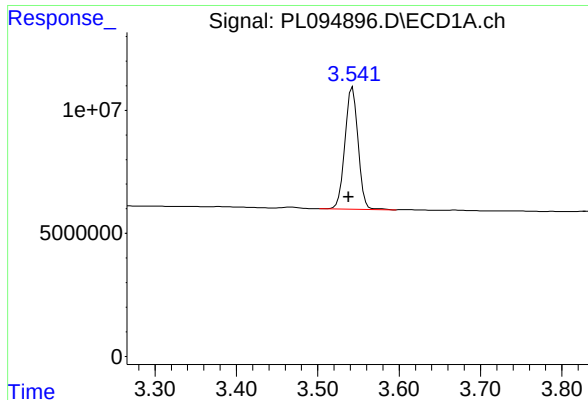
Reviewed By :Abdul Mirza 03/28/2025

Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 12:42:04 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





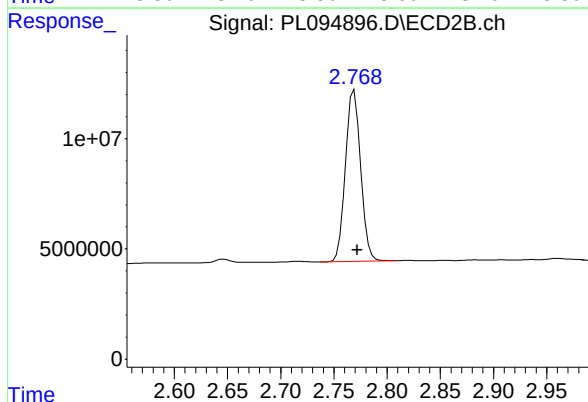
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: 0.005 min
Response: 55629343
Conc: 19.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BS

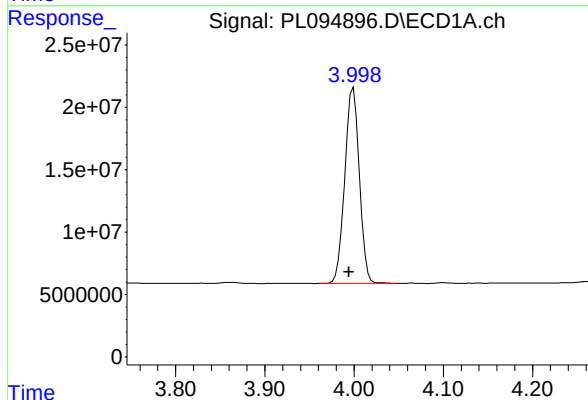
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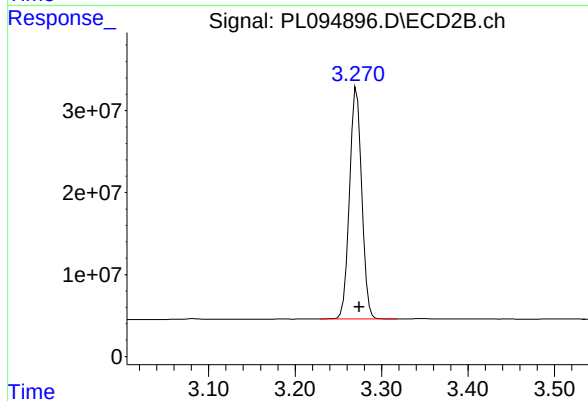
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 76802604
Conc: 21.52 ng/ml



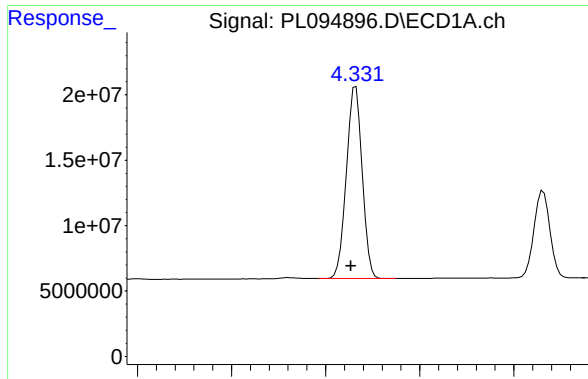
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.005 min
Response: 178454374
Conc: 42.98 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.003 min
Response: 277182672
Conc: 51.41 ng/ml



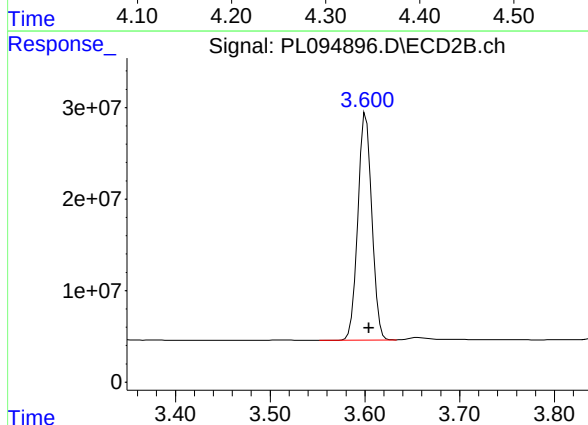
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.005 min
Response: 171114880
Conc: 42.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BS

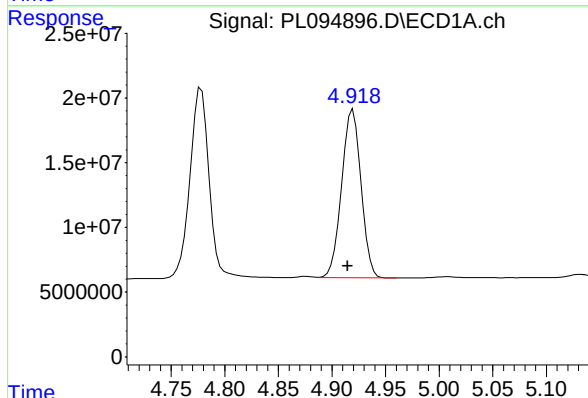
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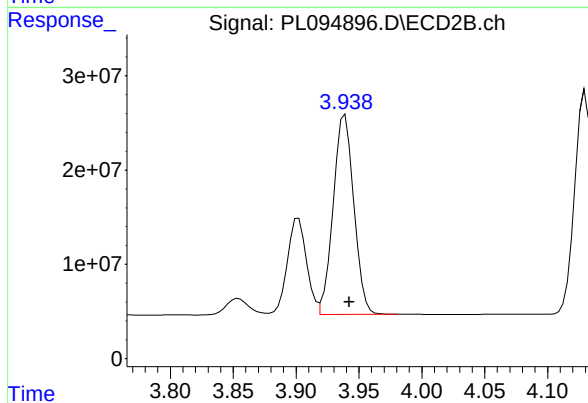
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 253564511
Conc: 49.34 ng/ml



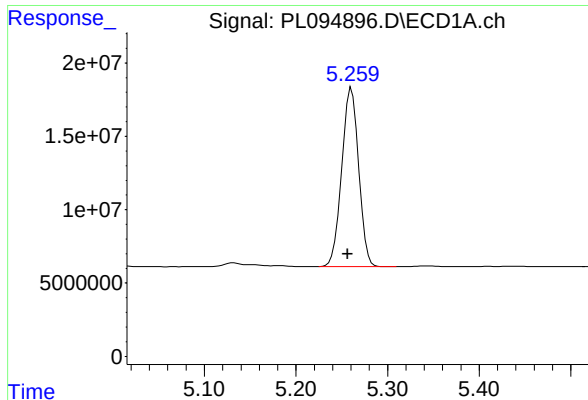
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.005 min
Response: 163692118
Conc: 42.17 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.003 min
Response: 242019386
Conc: 45.94 ng/ml



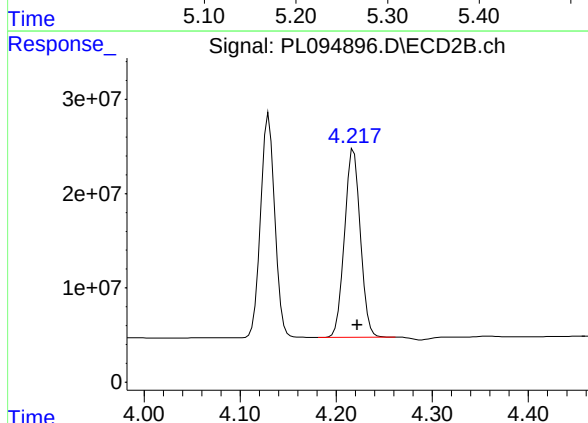
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: 0.004 min
Response: 156830525
Conc: 42.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BS

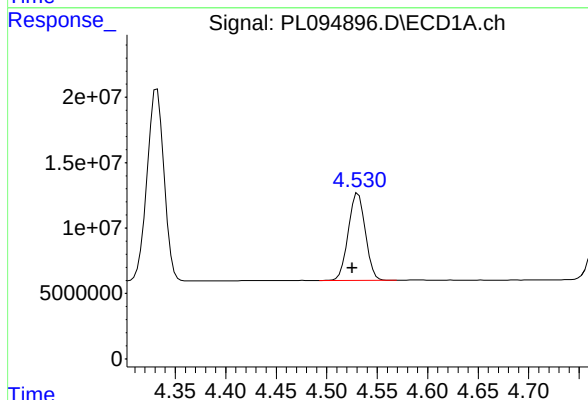
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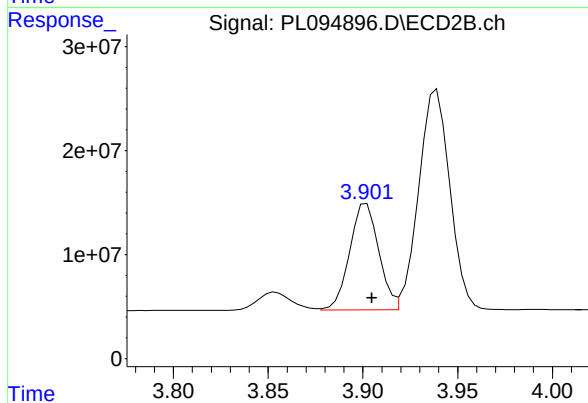
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.004 min
Response: 226727538
Conc: 46.50 ng/ml



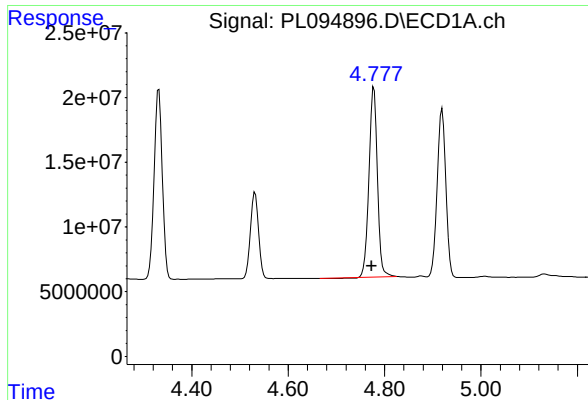
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.006 min
Response: 78478391
Conc: 42.53 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.003 min
Response: 109166118
Conc: 49.15 ng/ml



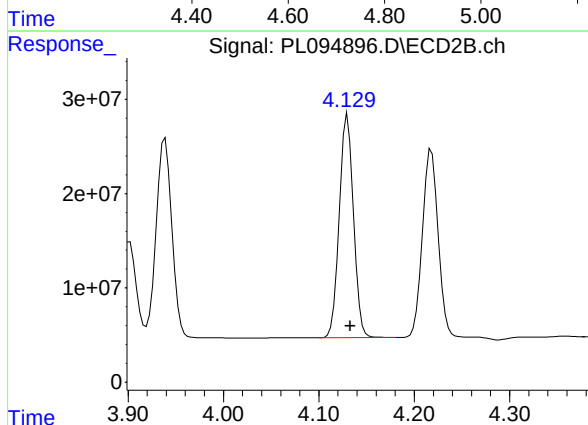
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.005 min
Response: 178458185
Conc: 45.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BS

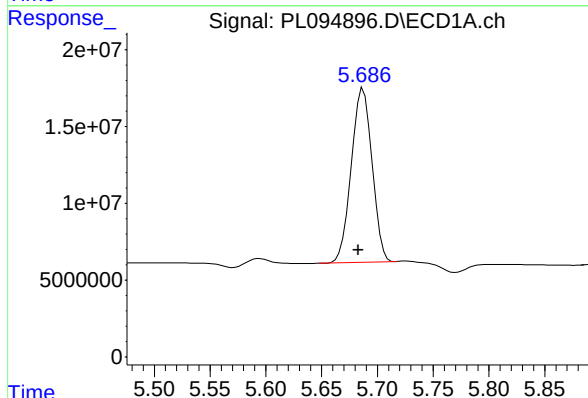
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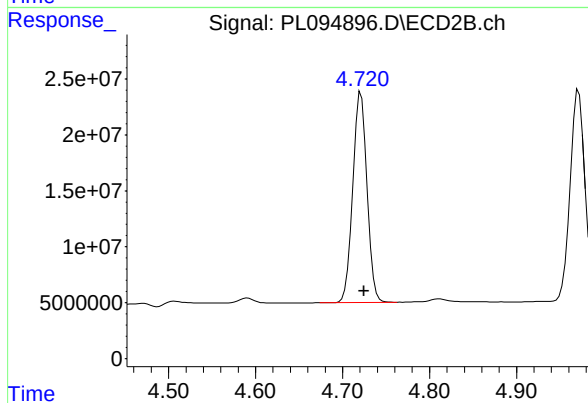
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.003 min
Response: 243842768
Conc: 48.75 ng/ml



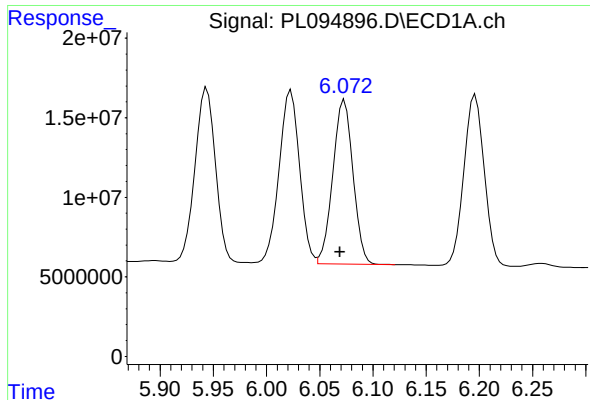
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: 0.004 min
Response: 147043489
Conc: 43.96 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.003 min
Response: 214766778
Conc: 46.91 ng/ml



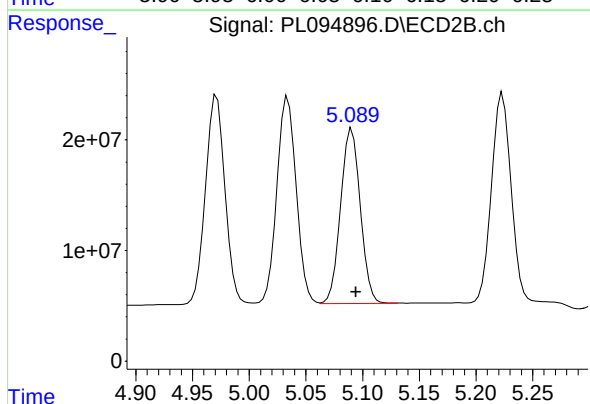
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: 0.004 min
Response: 136002527
Conc: 44.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BS

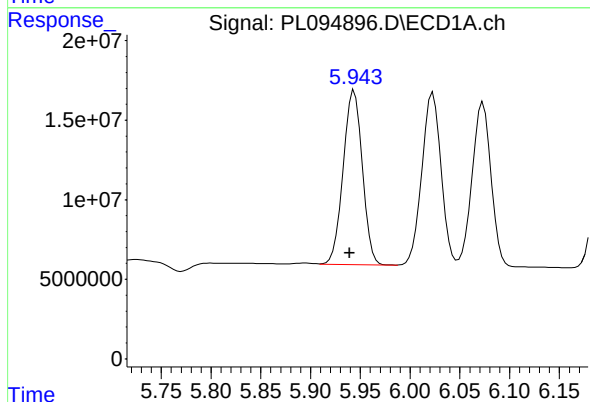
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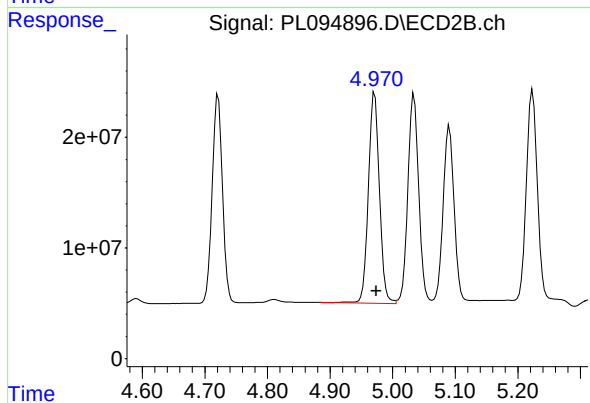
#9 Endosulfan I

R.T.: 5.089 min
Delta R.T.: -0.005 min
Response: 190644871
Conc: 43.44 ng/ml



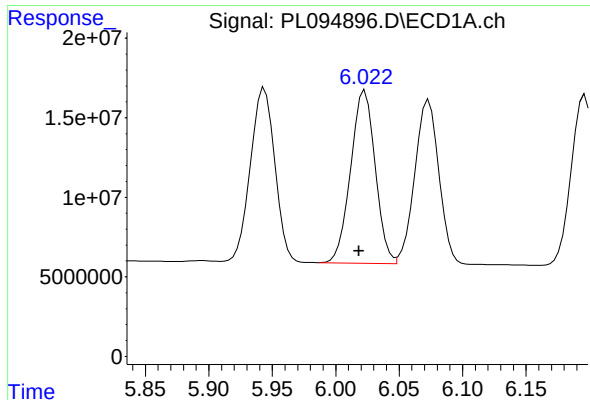
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.004 min
Response: 147710435
Conc: 43.84 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 233121938
Conc: 48.28 ng/ml



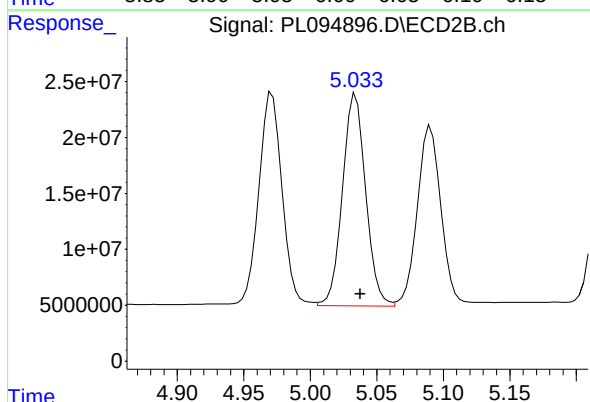
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: 0.005 min
Response: 146525912
Conc: 44.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BS

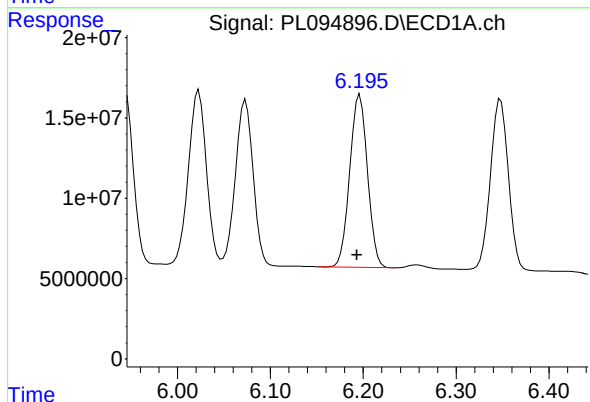
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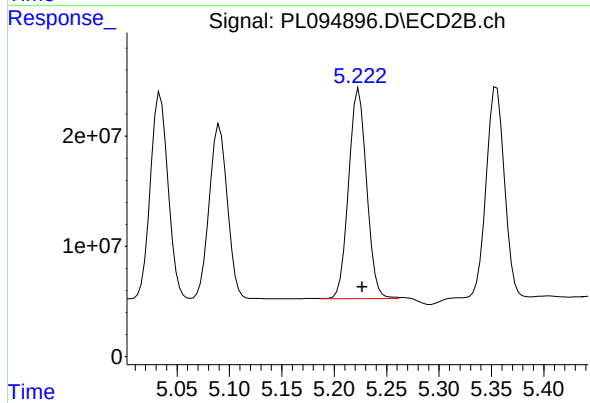
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: -0.004 min
Response: 230755066
Conc: 48.35 ng/ml



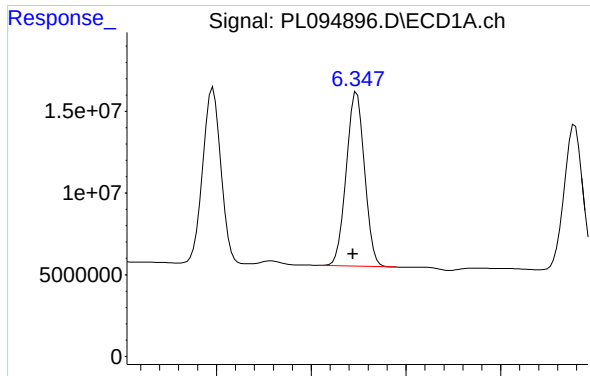
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.003 min
Response: 142849518
Conc: 48.55 ng/ml



#12 4,4'-DDE

R.T.: 5.222 min
Delta R.T.: -0.004 min
Response: 228776493
Conc: 49.21 ng/ml m



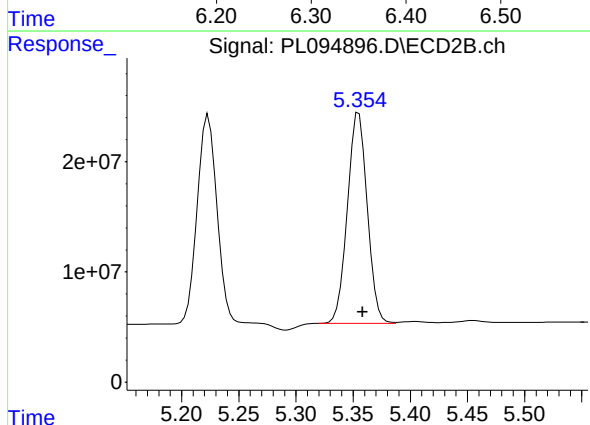
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.004 min
Response: 143065245
Conc: 44.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BS

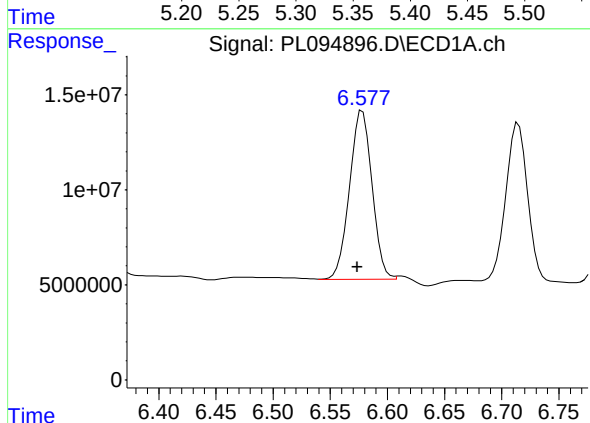
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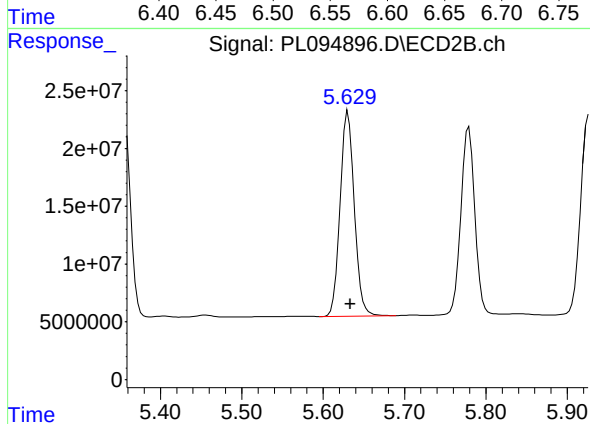
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: -0.005 min
Response: 232928503
Conc: 48.01 ng/ml



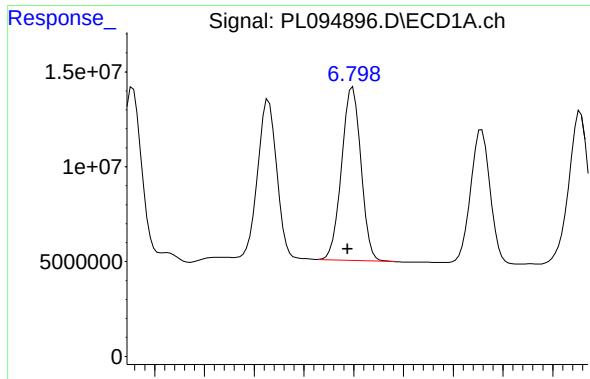
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.003 min
Response: 122337146
Conc: 44.13 ng/ml



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.003 min
Response: 215118356
Conc: 49.30 ng/ml



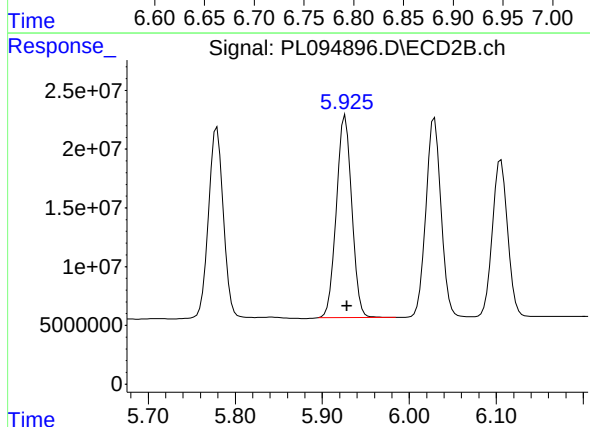
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: 0.005 min
Response: 123789546
Conc: 45.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BS

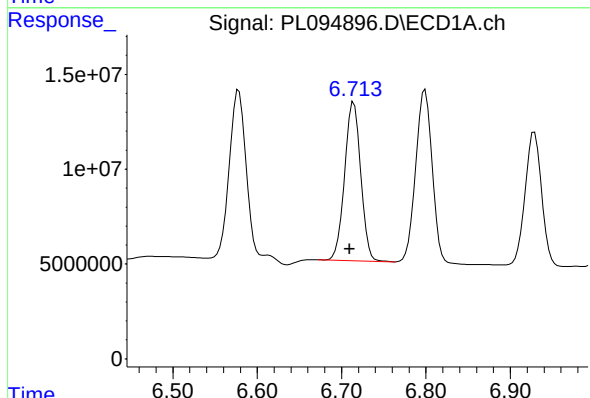
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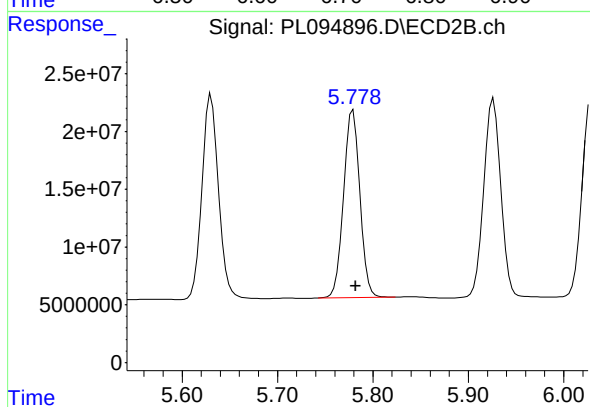
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.002 min
Response: 211967927
Conc: 48.97 ng/ml



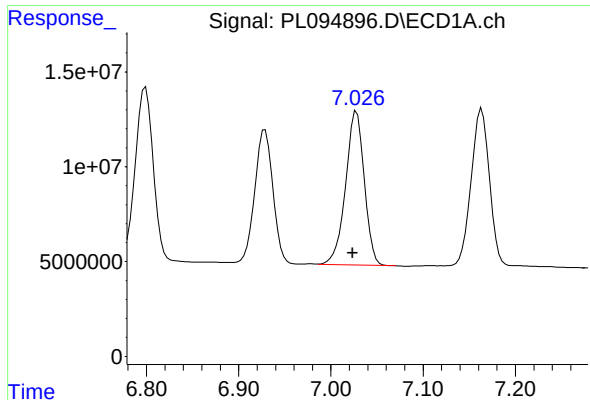
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.005 min
Response: 111204651
Conc: 51.34 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 193311739
Conc: 53.76 ng/ml



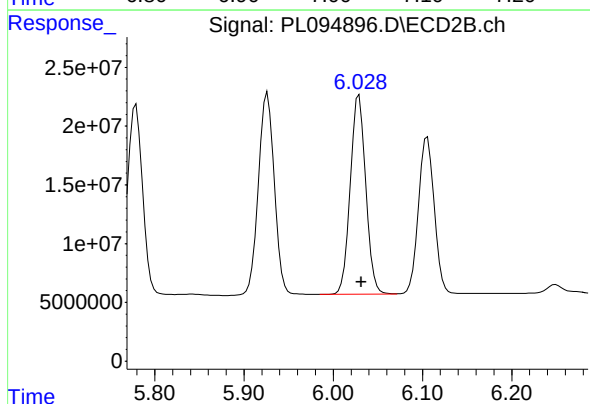
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.004 min
Response: 114102814
Conc: 47.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BS

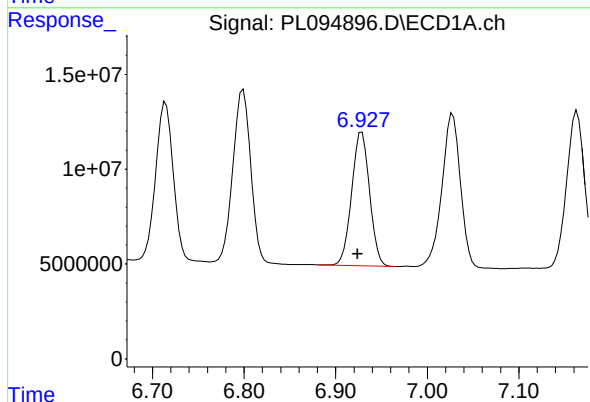
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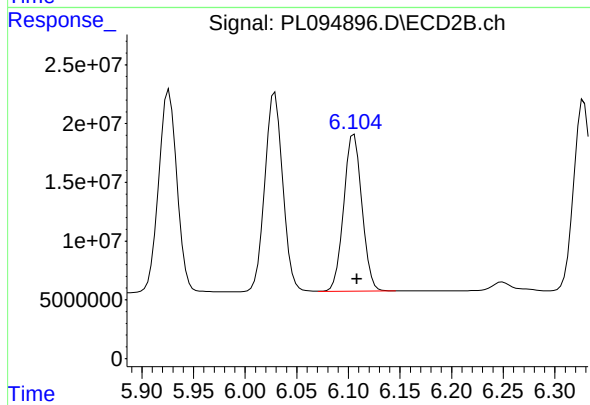
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.003 min
Response: 204686868
Conc: 50.76 ng/ml



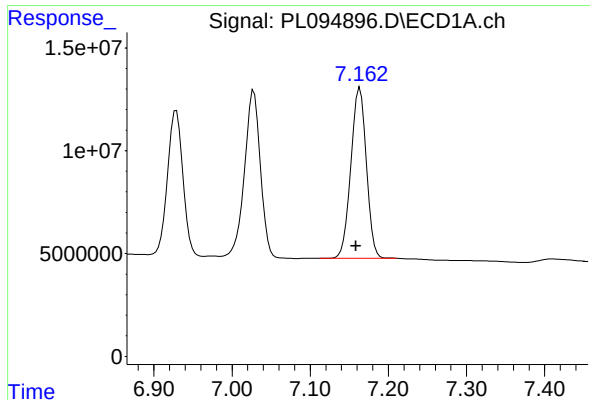
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.005 min
Response: 95846530
Conc: 45.40 ng/ml



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.003 min
Response: 163748202
Conc: 48.66 ng/ml



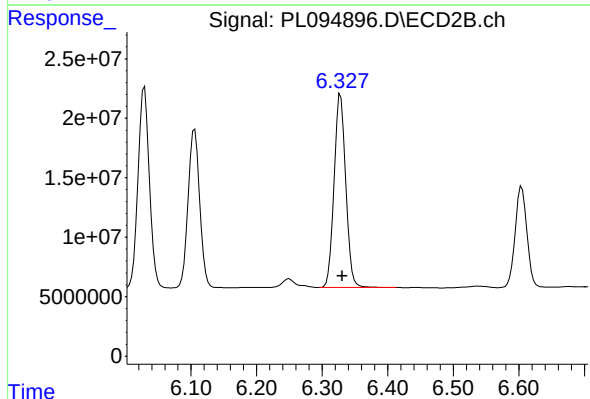
#19 Endosulfan Sulfate

R.T.: 7.164 min
Delta R.T.: 0.005 min
Response: 113912690
Conc: 46.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BS

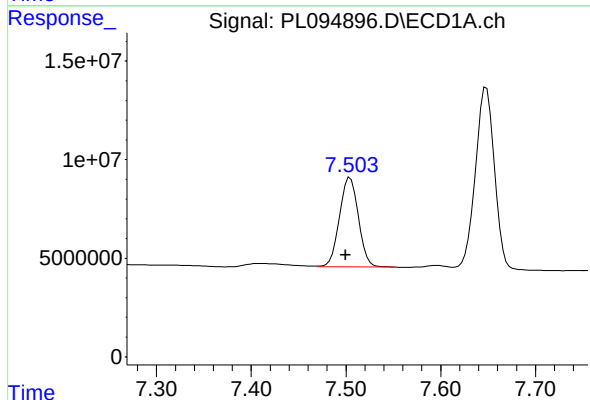
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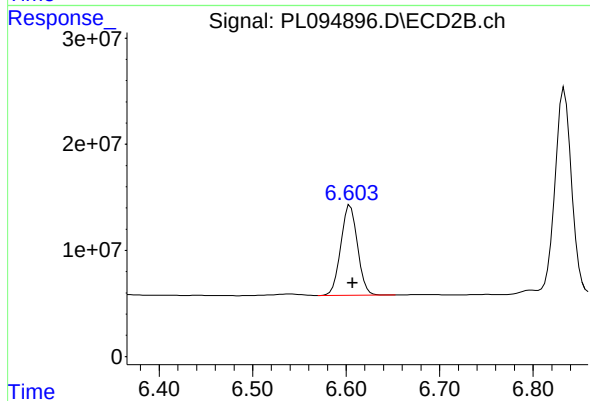
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: -0.003 min
Response: 201548246
Conc: 49.48 ng/ml



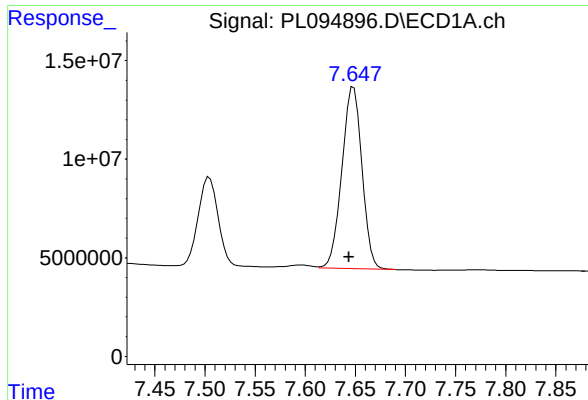
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.005 min
Response: 62972530
Conc: 52.61 ng/ml



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: -0.002 min
Response: 105540538
Conc: 49.76 ng/ml



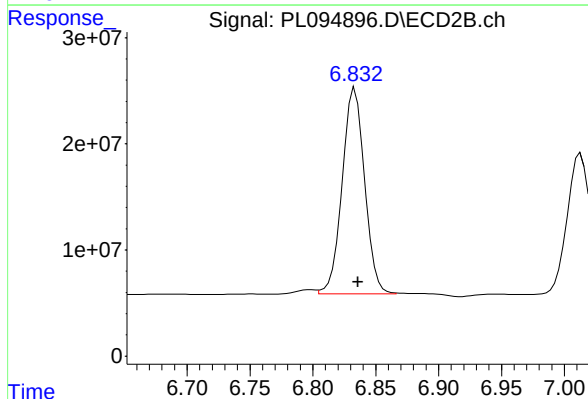
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.005 min
Response: 128325220
Conc: 48.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BS

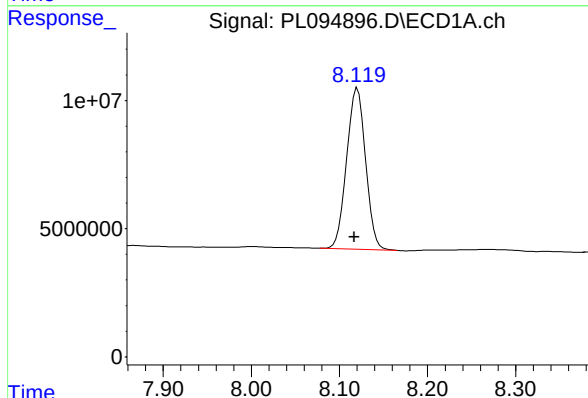
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Reviewed By :Abdul Mirza 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



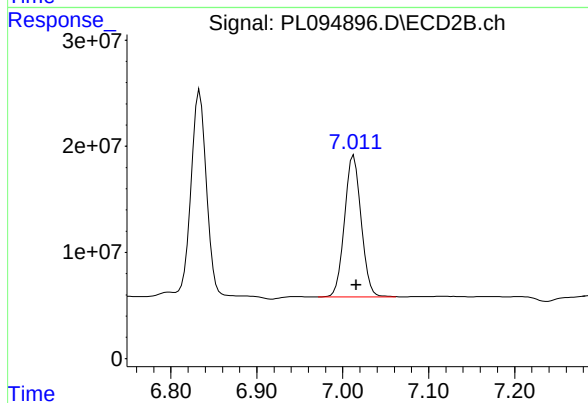
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.004 min
Response: 240225163
Conc: 50.33 ng/ml m



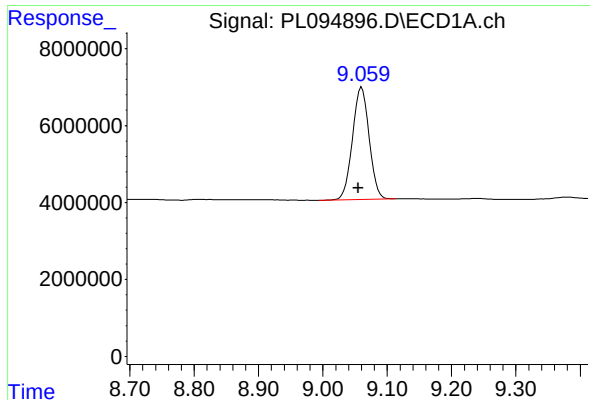
#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.004 min
Response: 94046279
Conc: 45.51 ng/ml



#22 Mirex

R.T.: 7.011 min
Delta R.T.: -0.004 min
Response: 178743645
Conc: 47.10 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.005 min
Response: 52321093
Conc: 24.83 ng/ml

Instrument :

ECD_L

ClientSampleId :

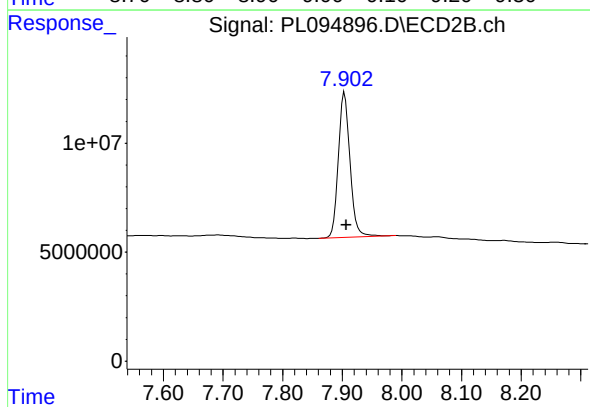
PB167325BS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 03/28/2025

Supervised By :mohammad ahmed 03/31/2025



#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.003 min
Response: 90717282
Conc: 22.46 ng/ml