

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033125\
 Data File : PL094962.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2025 18:10
 Operator : AR\AJ
 Sample : PB167395BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167395BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/01/2025
 Supervised By :mohammad ahmed 04/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 02:13:42 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...	3.537	2.771	57207409	73533472	20.210	20.602
28) SA Decachlor...	9.056	7.904	46966272	84677400	22.286	20.963
Target Compounds						
2) A alpha-BHC	3.994	3.272	220.9E6	325.8E6	53.189	60.428
3) MA gamma-BHC...	4.326	3.602	212.5E6	299.9E6	53.246	58.349
4) MA Heptachlor	4.915	3.939	205.4E6	296.1E6	52.927	56.191
5) MB Aldrin	5.256	4.219	197.8E6	278.4E6	53.584	57.088
6) B beta-BHC	4.526	3.902	97987407	129.2E6	53.103	58.152
7) B delta-BHC	4.773	4.130	215.9E6	289.7E6	55.450	57.912
8) B Heptachlo...	5.683	4.721	184.9E6	263.3E6	55.288	57.501
9) A Endosulfan I	6.069	5.091	174.8E6	252.4E6	56.923	57.512
10) B gamma-Chl...	5.940	4.971	188.9E6	276.6E6	56.053	57.282
11) B alpha-Chl...	6.018	5.034	185.7E6	272.0E6	56.328	56.988
12) B 4,4'-DDE	6.193	5.223	184.7E6	281.2E6	62.772	60.499
13) MA Dieldrin	6.344	5.355	185.3E6	284.1E6	57.933	58.548
14) MA Endrin	6.573	5.629	151.1E6	247.8E6	54.500m	56.780m
15) B Endosulfa...	6.795	5.925	157.8E6	254.7E6	58.117	58.836
16) A 4,4'-DDD	6.711	5.779	142.7E6	231.0E6	65.860	64.251
17) MA 4,4'-DDT	7.024	6.029	146.3E6	248.0E6	61.518	61.515
18) B Endrin al...	6.925	6.105	122.5E6	197.3E6	58.037	58.619
19) B Endosulfa...	7.160	6.328	141.2E6	243.7E6	58.045	59.821
20) A Methoxychlor	7.501	6.603	72847809	128.8E6	60.855	60.703m
21) B Endrin ke...	7.645	6.834	157.4E6	297.8E6	59.542	62.390
22) Mirex	8.118	7.012	112.5E6	216.4E6	54.440	57.014m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033125\
Data File : PL094962.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Mar 2025 18:10
Operator : AR\AJ
Sample : PB167395BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB167395BS

Manual Integrations

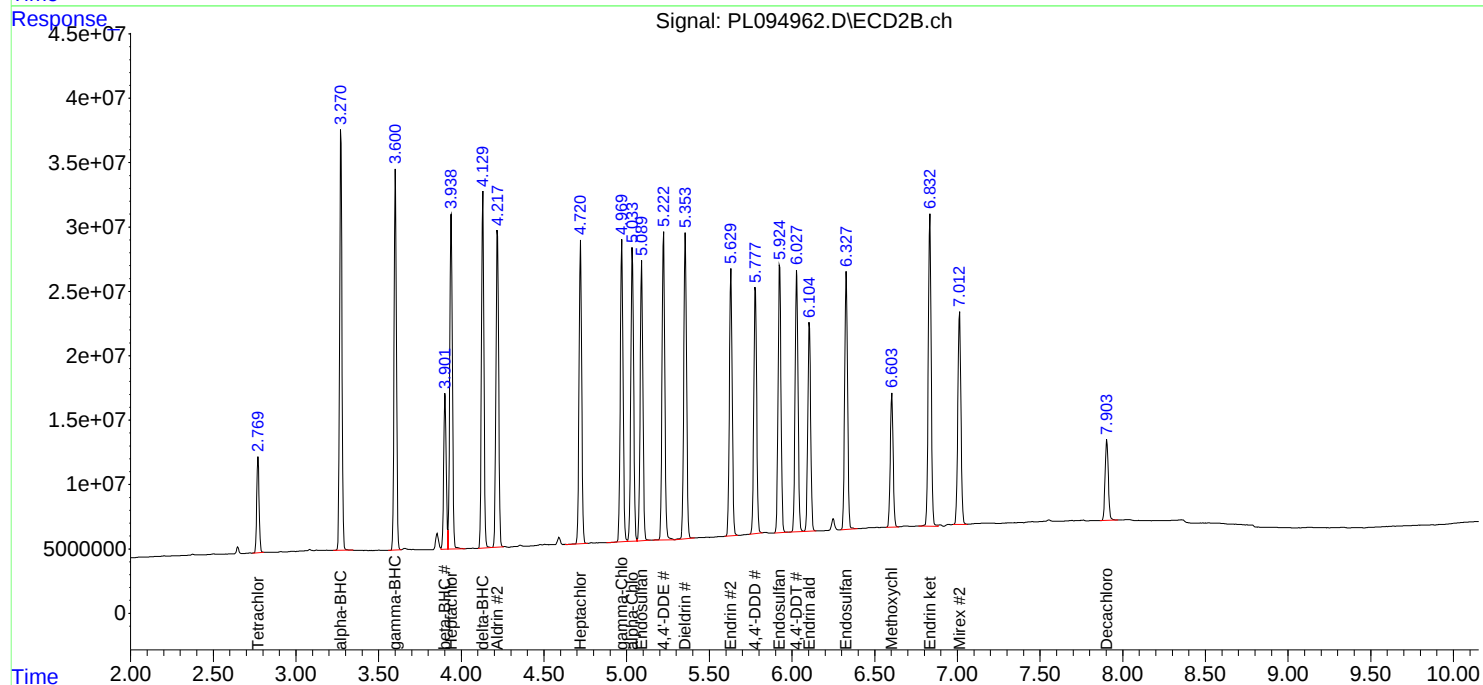
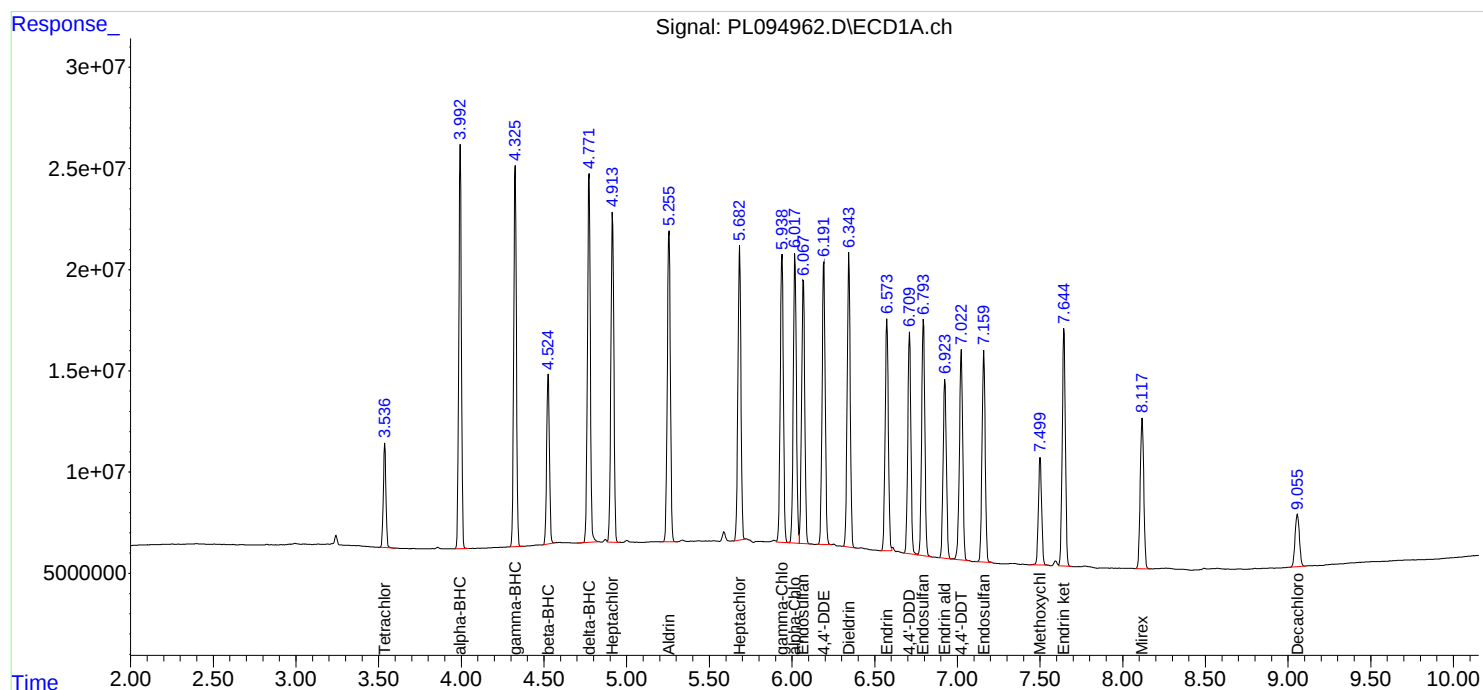
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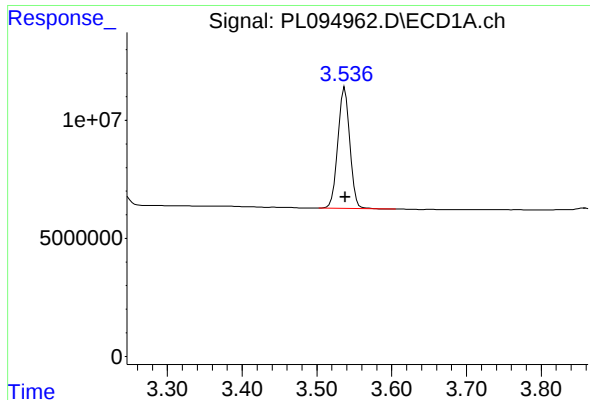
Reviewed By :Abdul Mirza 04/01/2025

Supervised By :mohammad ahmed 04/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 01 02:13:42 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





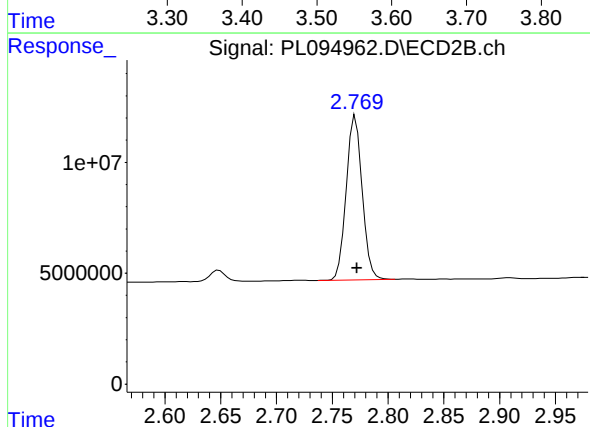
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 57207409
Conc: 20.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

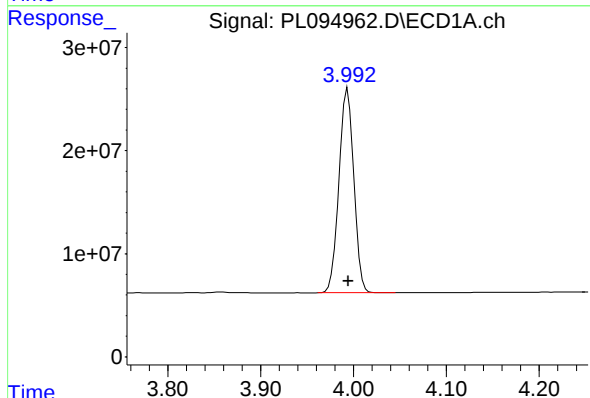
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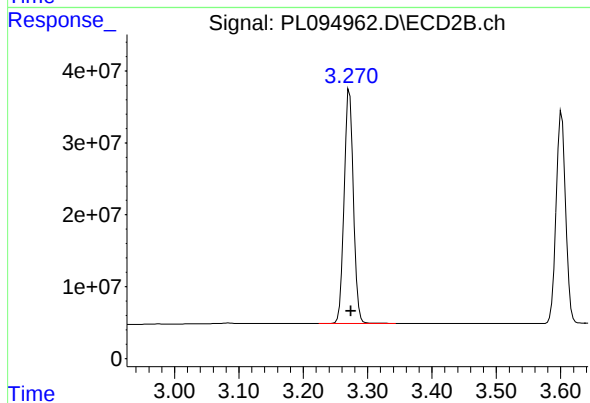
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: -0.001 min
Response: 73533472
Conc: 20.60 ng/ml



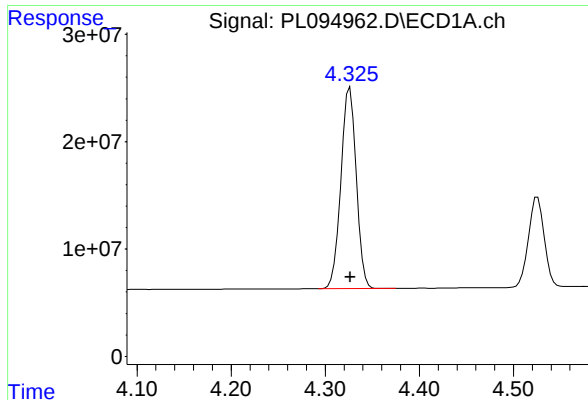
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 220857152
Conc: 53.19 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.002 min
Response: 325790797
Conc: 60.43 ng/ml



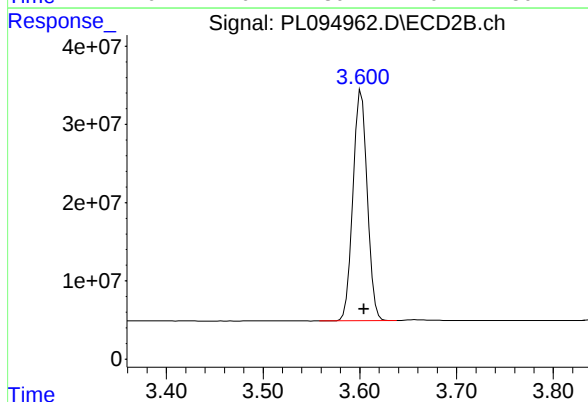
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 212466564
Conc: 53.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

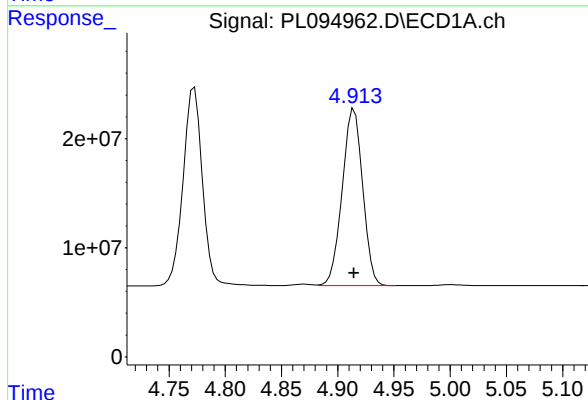
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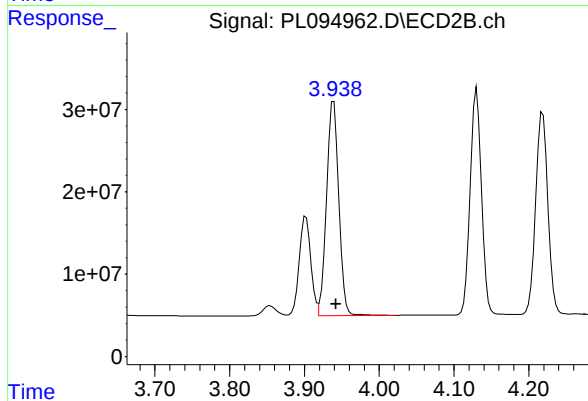
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: -0.003 min
Response: 299884017
Conc: 58.35 ng/ml



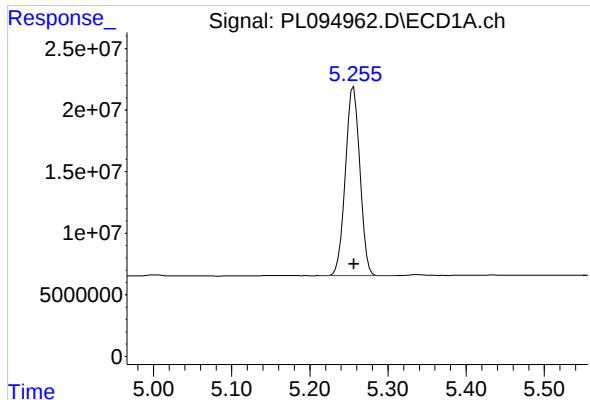
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 205442314
Conc: 52.93 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.003 min
Response: 296052709
Conc: 56.19 ng/ml



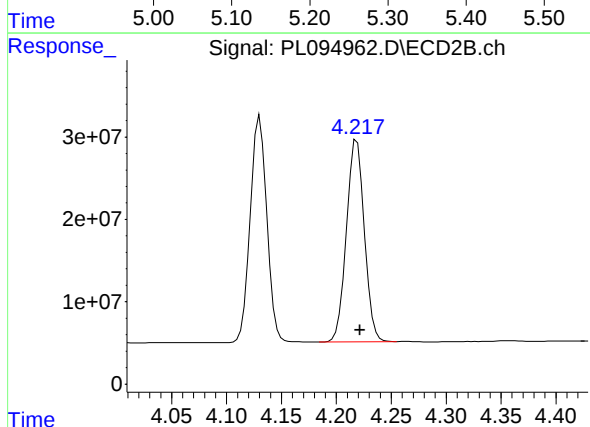
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 197842392
Conc: 53.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

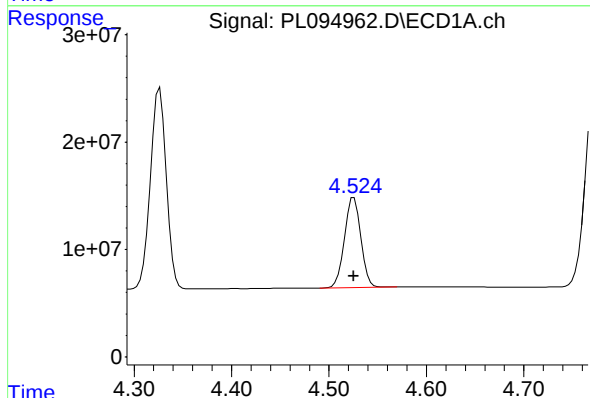
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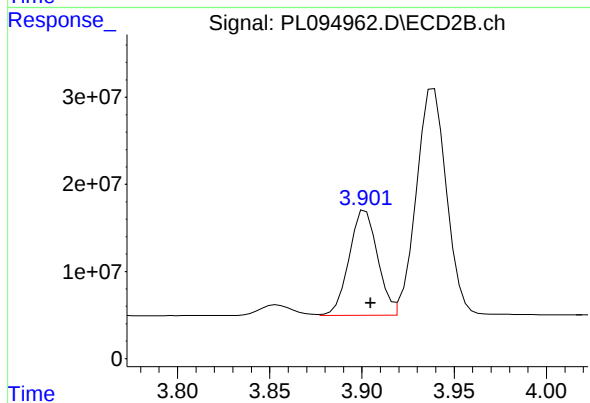
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.003 min
Response: 278379362
Conc: 57.09 ng/ml



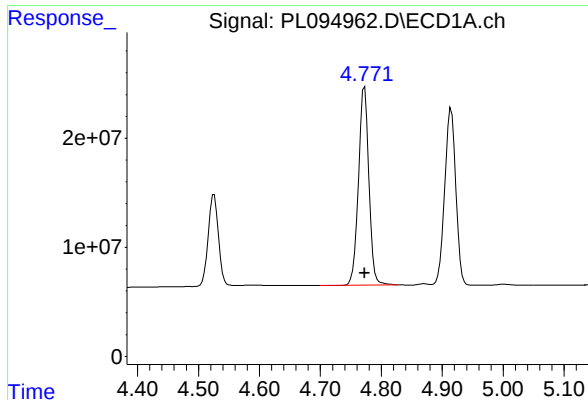
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 97987407
Conc: 53.10 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.003 min
Response: 129171637
Conc: 58.15 ng/ml



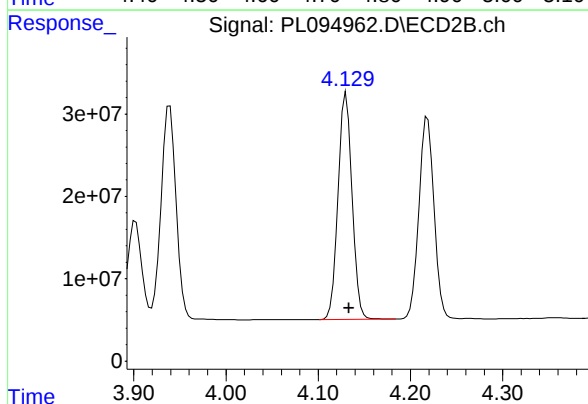
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.000 min
Response: 215938687
Conc: 55.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

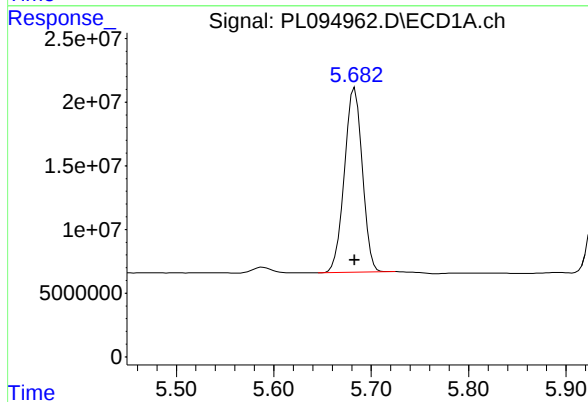
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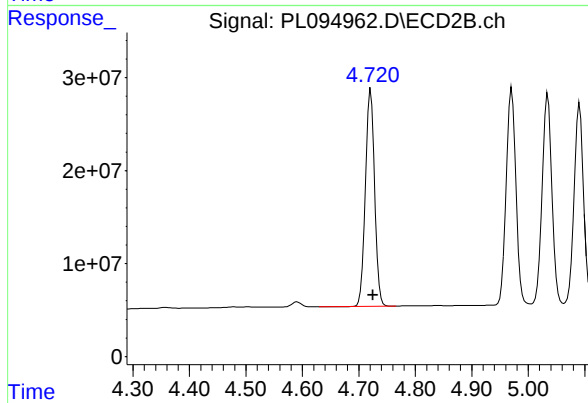
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.003 min
Response: 289675883
Conc: 57.91 ng/ml



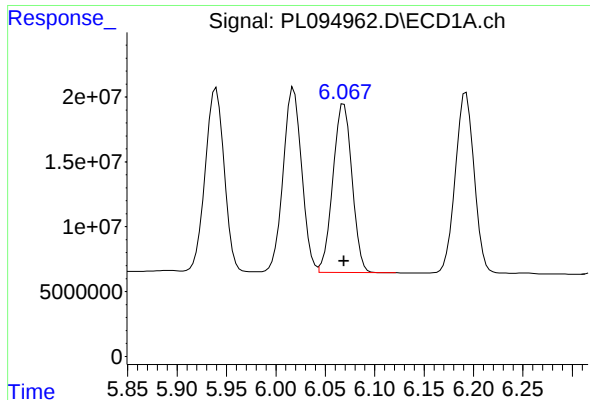
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 184948836
Conc: 55.29 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.004 min
Response: 263273493
Conc: 57.50 ng/ml



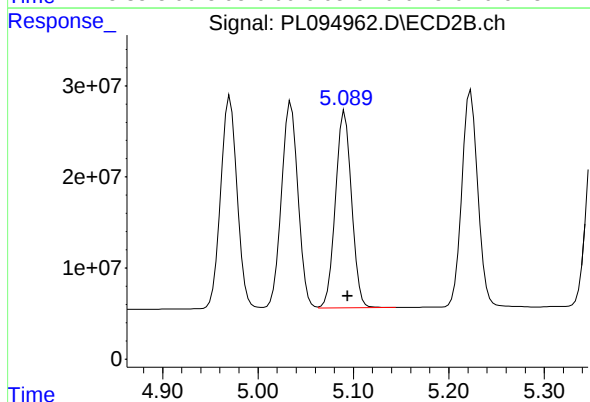
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 174764375
Conc: 56.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

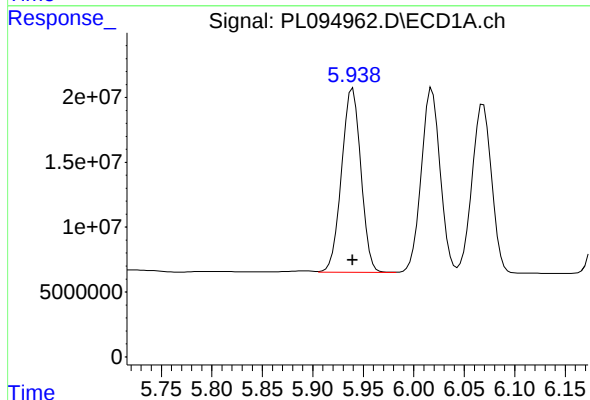
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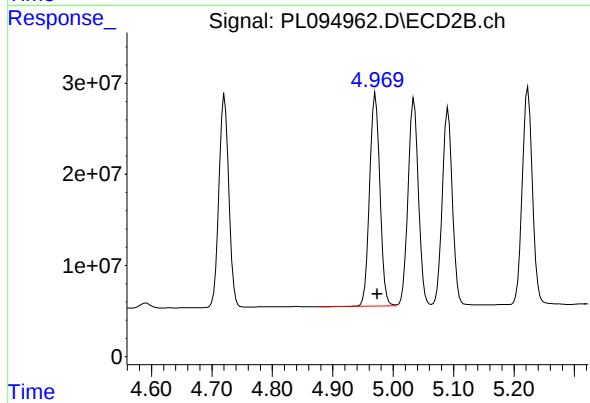
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 252404488
Conc: 57.51 ng/ml



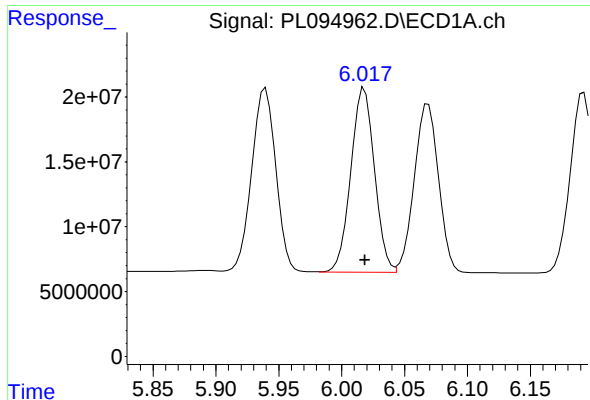
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 188863143
Conc: 56.05 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 276583174
Conc: 57.28 ng/ml



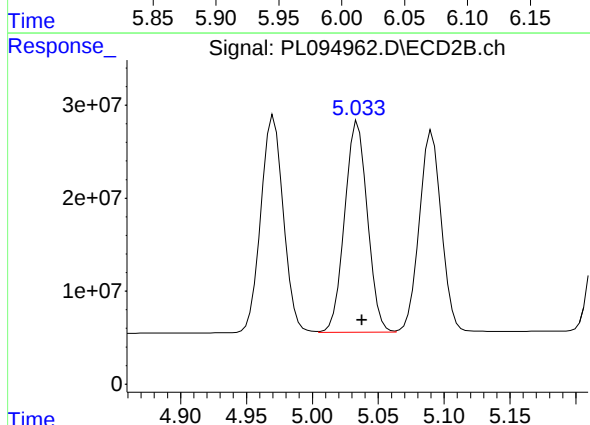
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 185705538
Conc: 56.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

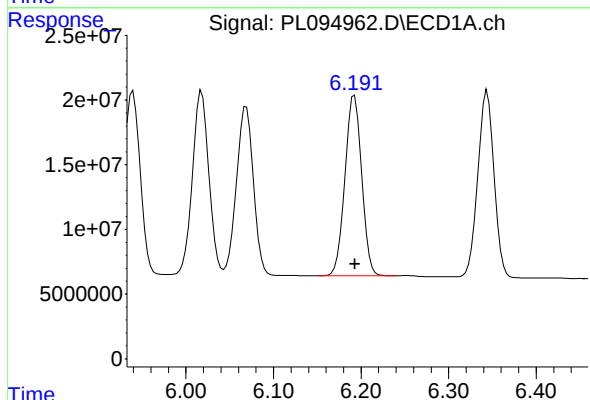
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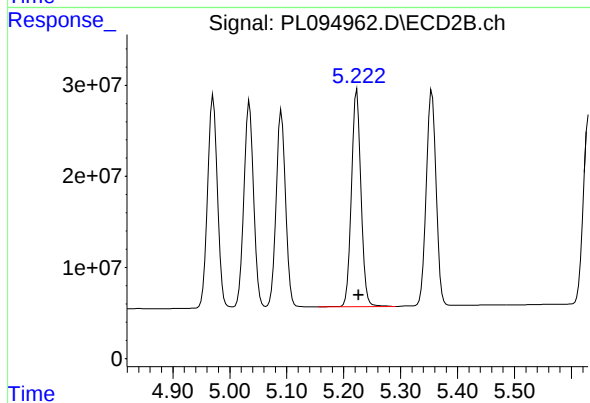
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: -0.003 min
Response: 271991925
Conc: 56.99 ng/ml



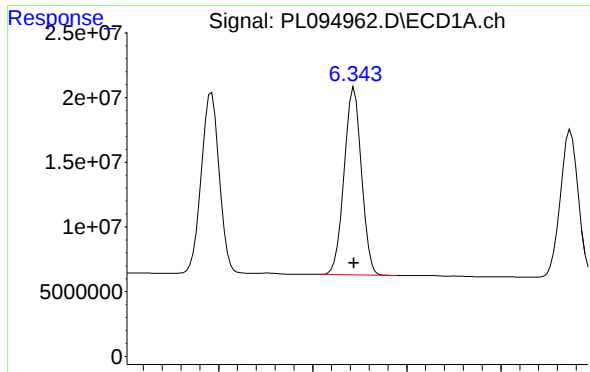
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 184679672
Conc: 62.77 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: -0.003 min
Response: 281232171
Conc: 60.50 ng/ml



#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 185278368
Conc: 57.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

Manual Integrations
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#13 Dieldrin

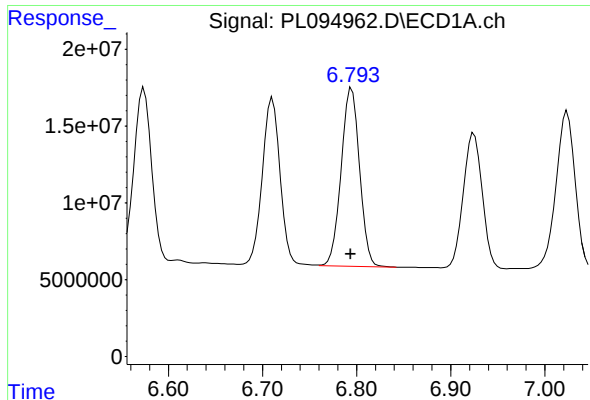
R.T.: 5.355 min
Delta R.T.: -0.003 min
Response: 284065228
Conc: 58.55 ng/ml

#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 151077728
Conc: 54.50 ng/ml m

#14 Endrin

R.T.: 5.629 min
Delta R.T.: -0.004 min
Response: 247769472
Conc: 56.78 ng/ml m



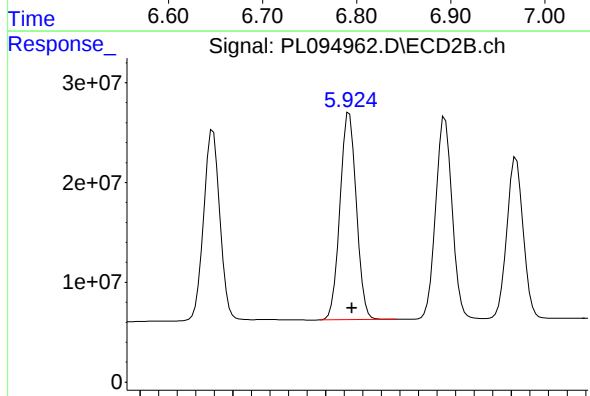
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: 0.001 min
Response: 157772492
Conc: 58.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

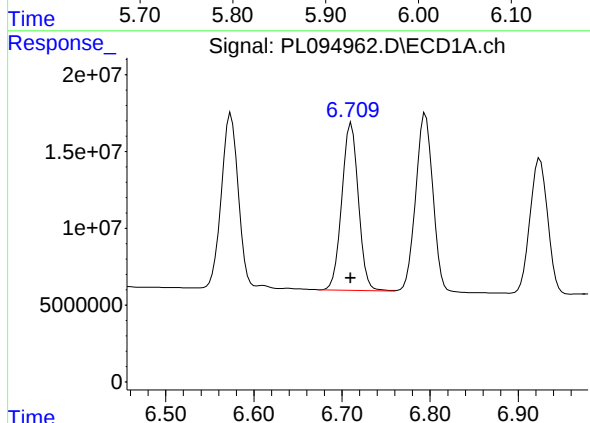
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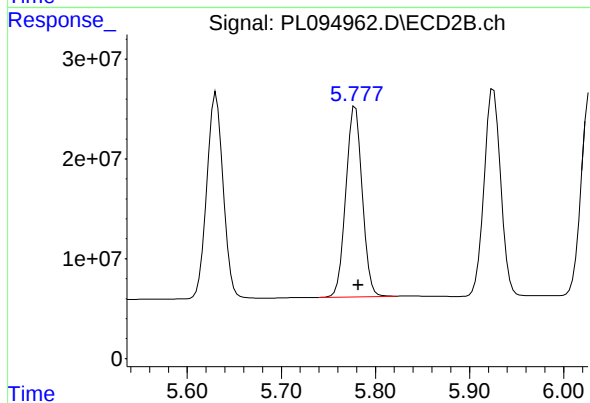
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: -0.003 min
Response: 254656629
Conc: 58.84 ng/ml



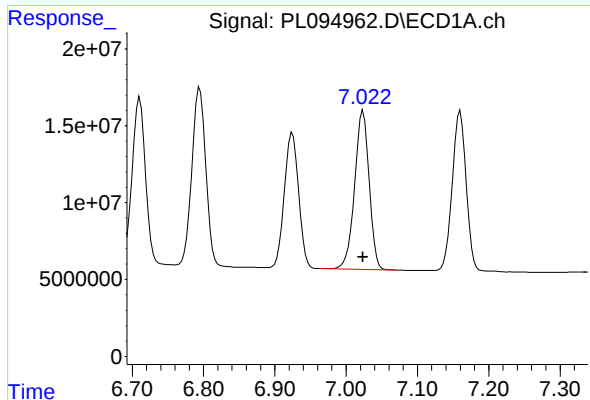
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 142656144
Conc: 65.86 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 231040214
Conc: 64.25 ng/ml



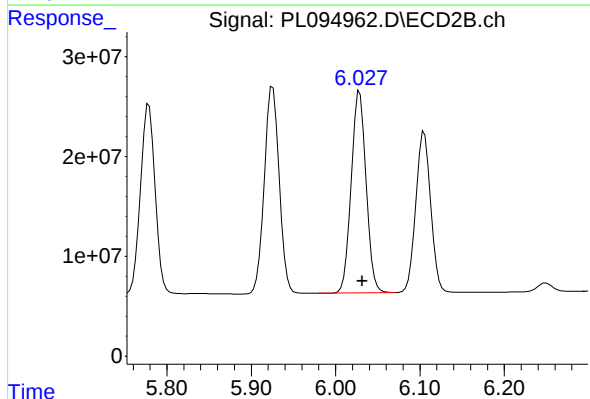
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 146322181
Conc: 61.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

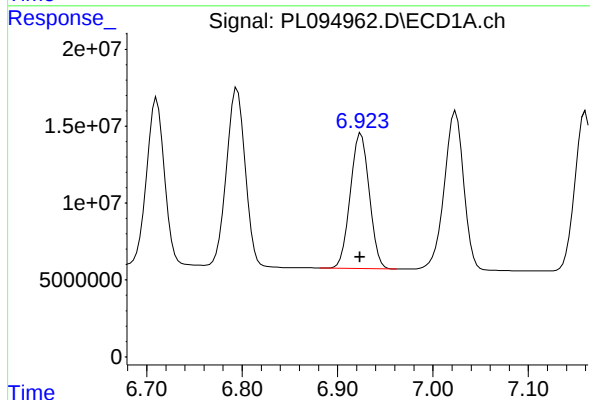
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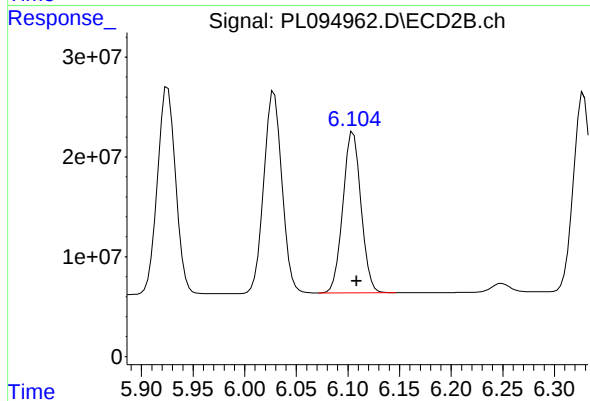
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.003 min
Response: 248033891
Conc: 61.51 ng/ml



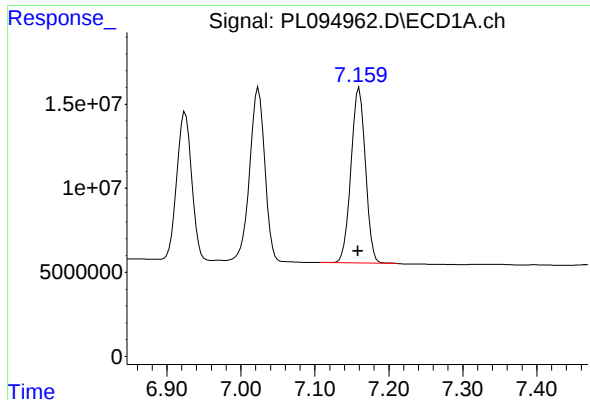
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 122515116
Conc: 58.04 ng/ml



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.003 min
Response: 197273295
Conc: 58.62 ng/ml



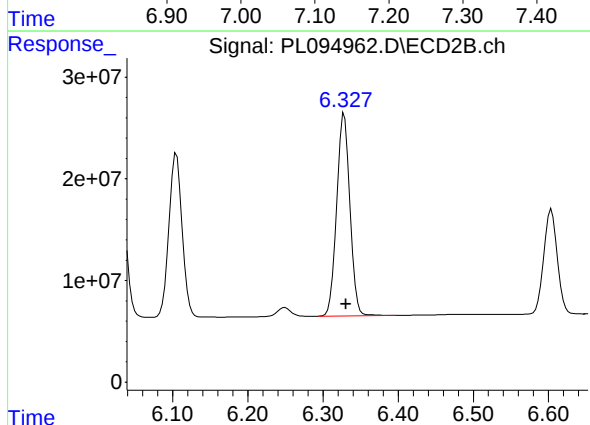
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.001 min
Response: 141166901
Conc: 58.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

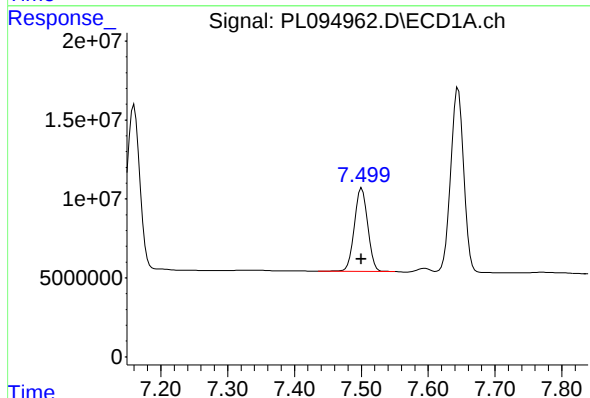
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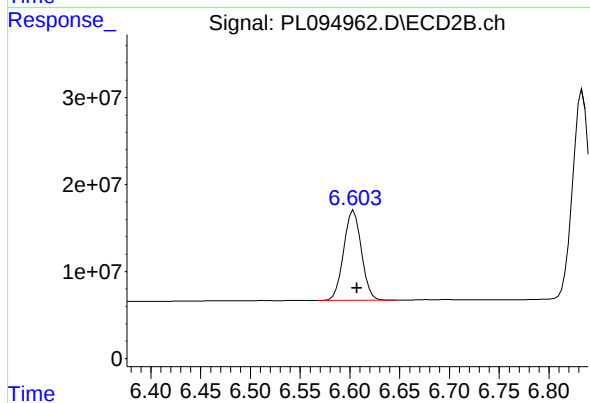
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: -0.002 min
Response: 243678974
Conc: 59.82 ng/ml



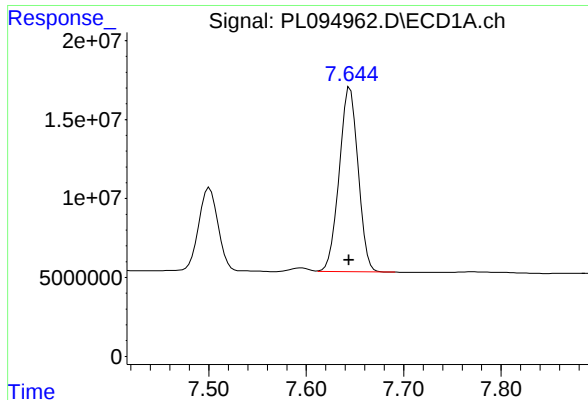
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 72847809
Conc: 60.85 ng/ml



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: -0.004 min
Response: 128756190
Conc: 60.70 ng/ml m



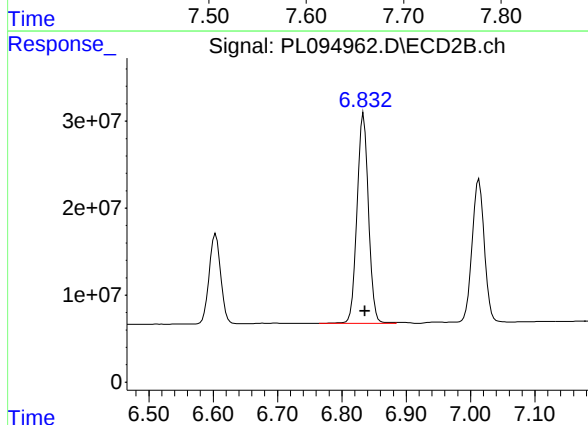
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.001 min
Response: 157384333
Conc: 59.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

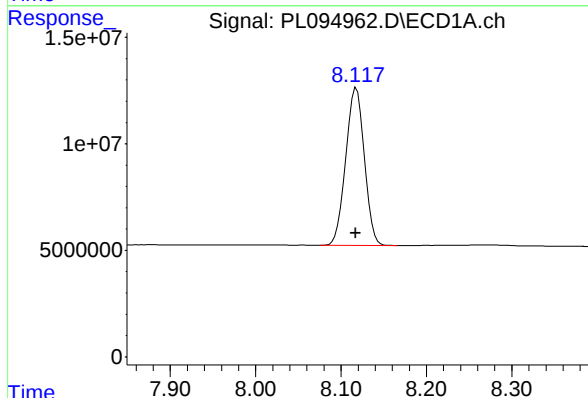
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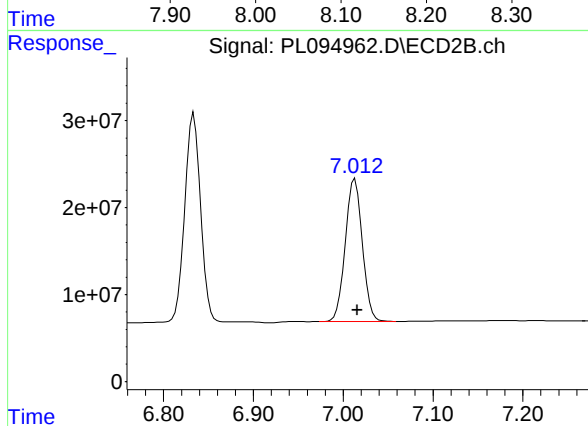
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: -0.002 min
Response: 297761964
Conc: 62.39 ng/ml



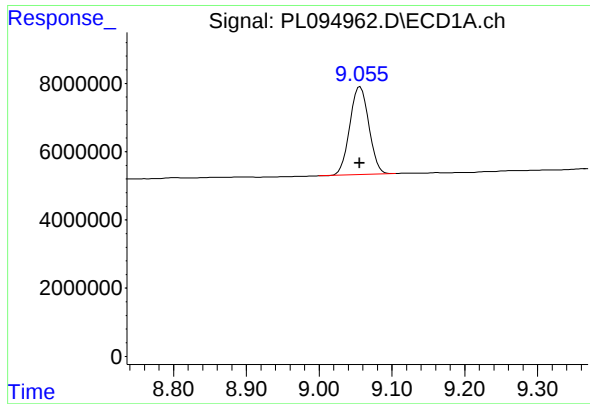
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.000 min
Response: 112489274
Conc: 54.44 ng/ml



#22 Mirex

R.T.: 7.012 min
Delta R.T.: -0.004 min
Response: 216386037
Conc: 57.01 ng/ml m



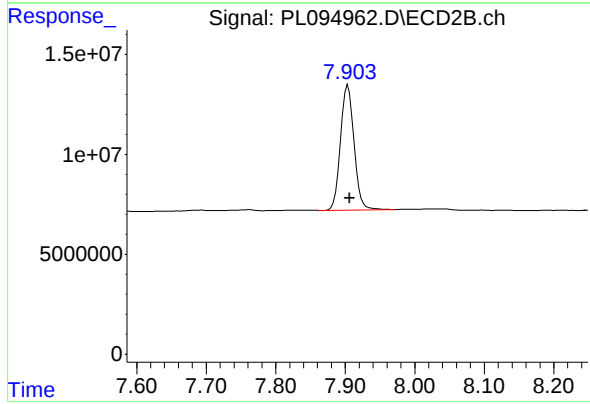
#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.000 min
Response: 46966272
Conc: 22.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/01/2025
Supervised By :mohammad ahmed 04/07/2025



#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.003 min
Response: 84677400
Conc: 20.96 ng/ml