

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033125\
 Data File : PL094965.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2025 18:51
 Operator : AR\AJ
 Sample : Q1664-05MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 P001-BBDGA-001-01MS

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 02:14:19 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	2.770	60655901	82835624	21.428	23.208
28) SA Decachlor...	9.055	7.903	48869446	91598224	23.189	22.676
Target Compounds						
2) A alpha-BHC	3.993	3.272	206.0E6	296.5E6	49.602	54.987
3) MA gamma-BHC...	4.325	3.602	200.3E6	283.3E6	50.209m	55.122
4) MA Heptachlor	4.914	3.939	171.9E6	251.5E6	44.281	47.743
5) MB Aldrin	5.255	4.219	160.9E6	229.3E6	43.575	47.015
6) B beta-BHC	4.525	3.902	89684681	122.9E6	48.604	55.349
7) B delta-BHC	4.771	4.131	204.0E6	274.0E6	52.383	54.775
8) B Heptachlo...	5.682	4.721	158.6E6	242.6E6	47.419	52.986
9) A Endosulfan I	6.068	5.091	159.0E6	234.7E6	51.786	53.487
10) B gamma-Chl...	5.939	4.971	166.6E6	250.0E6	49.452	51.779
11) B alpha-Chl...	6.017	5.034	166.4E6	247.6E6	50.474	51.870
12) B 4,4'-DDE	6.191	5.223	160.6E6	247.9E6	54.596	53.329
13) MA Dieldrin	6.343	5.355	170.1E6	260.8E6	53.185	53.762
14) MA Endrin	6.572	5.630	145.3E6	242.4E6	52.423m	55.549
15) B Endosulfa...	6.794	5.926	145.4E6	235.2E6	53.576	54.338
16) A 4,4'-DDD	6.710	5.778	129.1E6	210.0E6	59.620	58.396
17) MA 4,4'-DDT	7.024	6.029	133.2E6	225.4E6	56.016	55.893
18) B Endrin al...	6.924	6.105	104.7E6	171.6E6	49.586	50.975
19) B Endosulfa...	7.159	6.328	128.0E6	225.3E6	52.613	55.303
20) A Methoxychlor	7.501	6.603	68410759	122.9E6	57.148	57.927
21) B Endrin ke...	7.644	6.833	144.4E6	264.9E6	54.611	55.502
22) Mirex	8.116	7.011	94639643	183.0E6	45.802	48.214m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033125\
Data File : PL094965.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Mar 2025 18:51
Operator : AR\AJ
Sample : Q1664-05MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

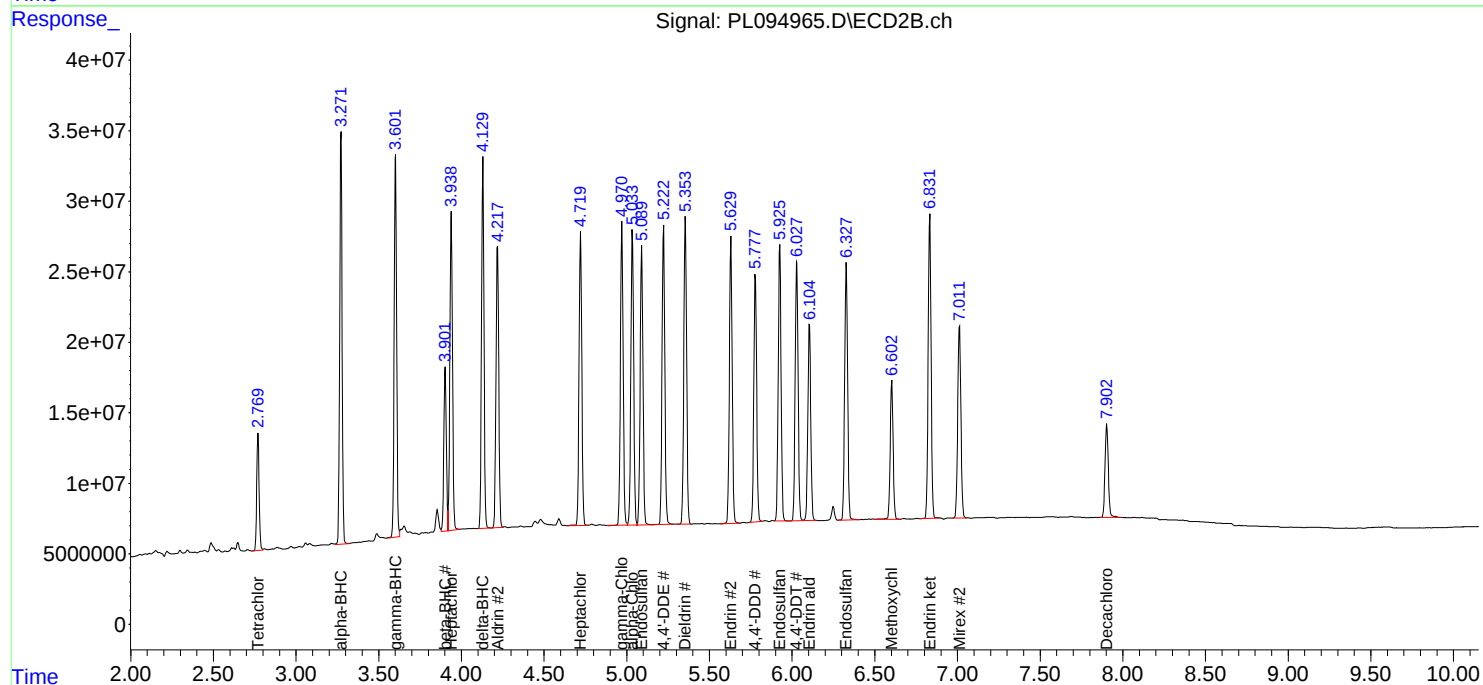
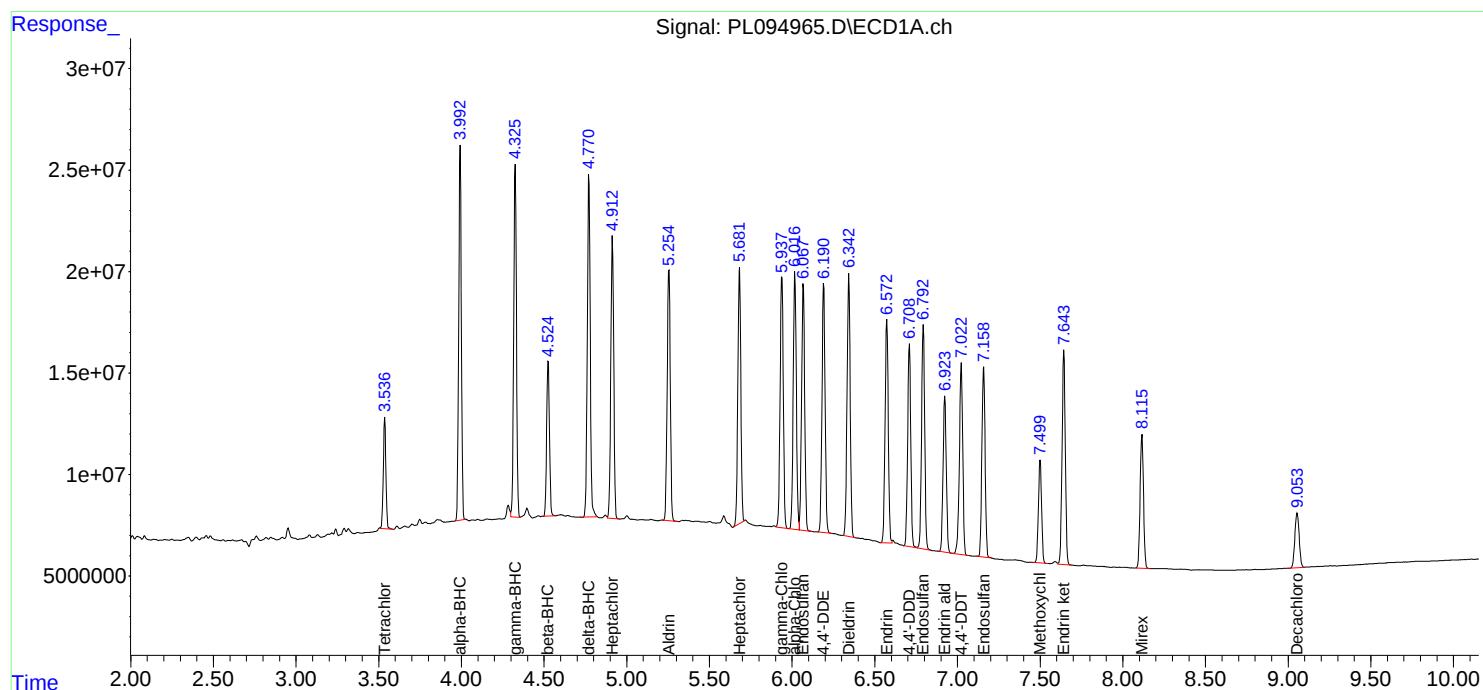
Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MS

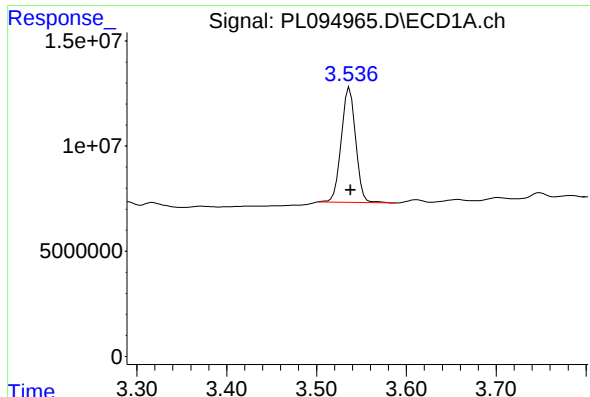
Manual Integrations
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Reviewed By : Abdul Mirza 04/01/2025
Supervised By : mohammad ahmed 04/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 01 02:14:19 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





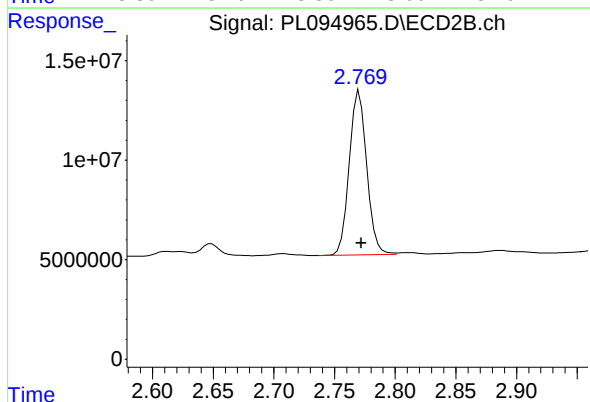
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.001 min
Response: 60655901
Conc: 21.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MS

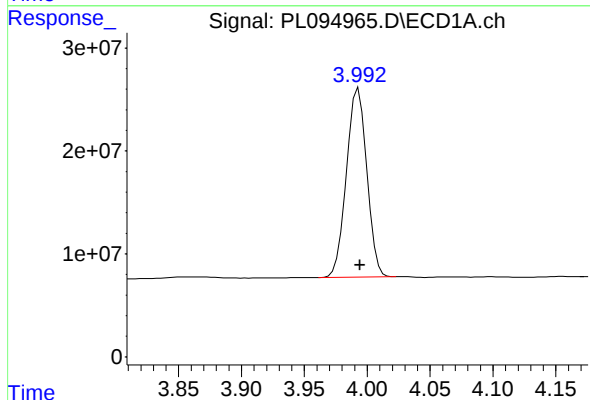
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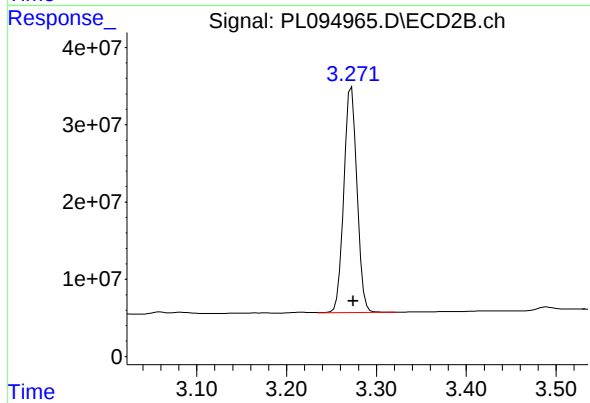
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 82835624
Conc: 23.21 ng/ml



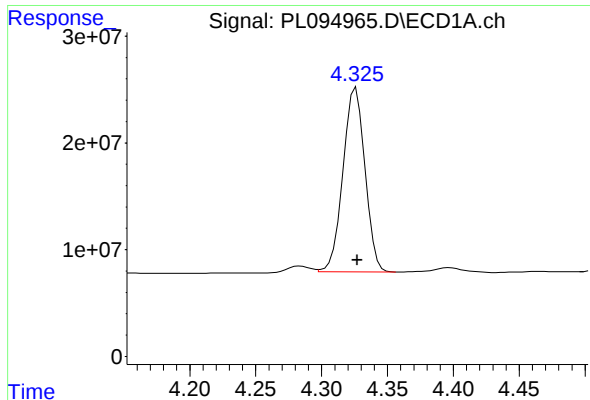
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 205964507
Conc: 49.60 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.002 min
Response: 296453046
Conc: 54.99 ng/ml



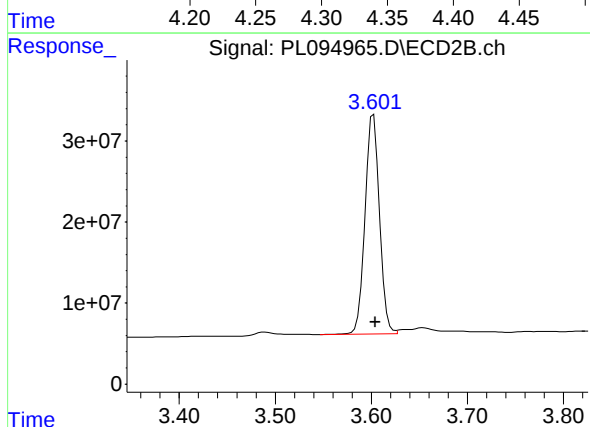
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 200347382
Conc: 50.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MS

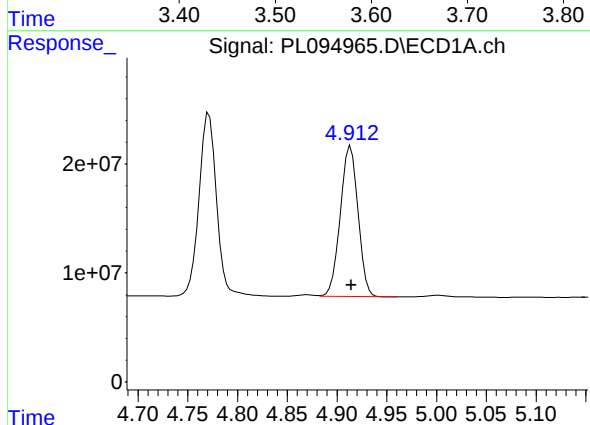
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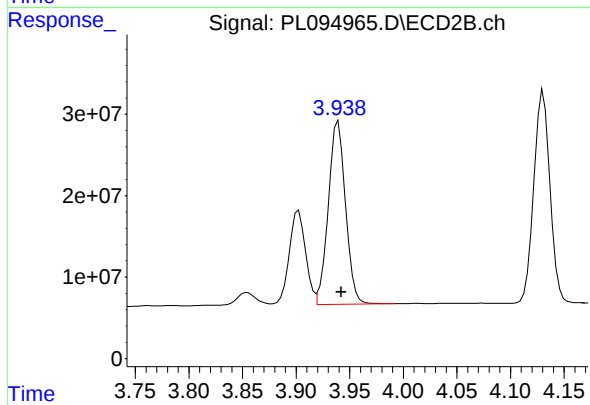
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: -0.002 min
Response: 283295022
Conc: 55.12 ng/ml



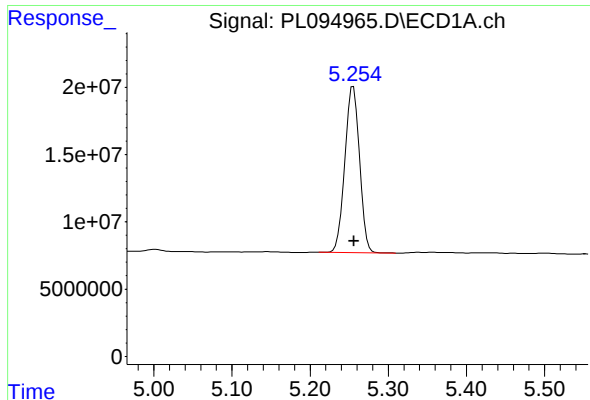
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 171883783
Conc: 44.28 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.003 min
Response: 251540203
Conc: 47.74 ng/ml



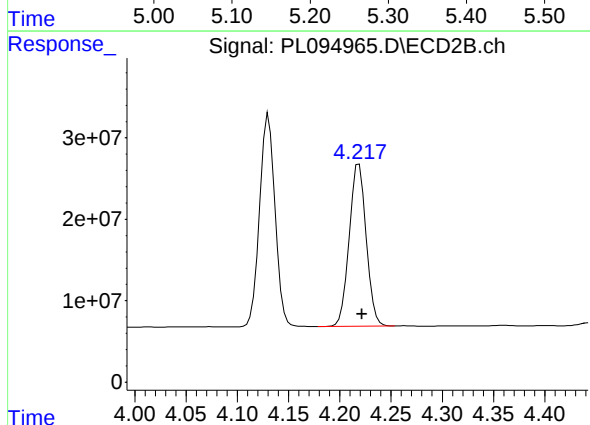
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: 0.000 min
Response: 160889637
Conc: 43.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MS

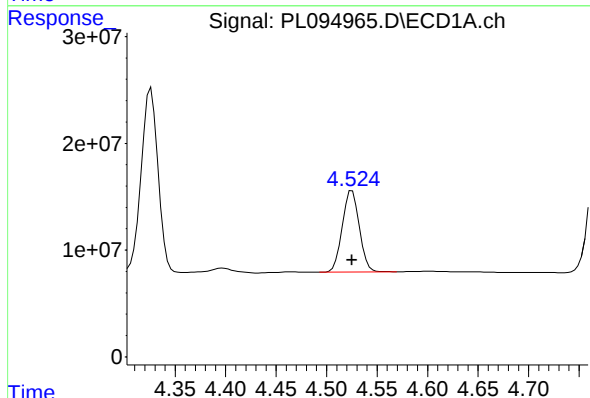
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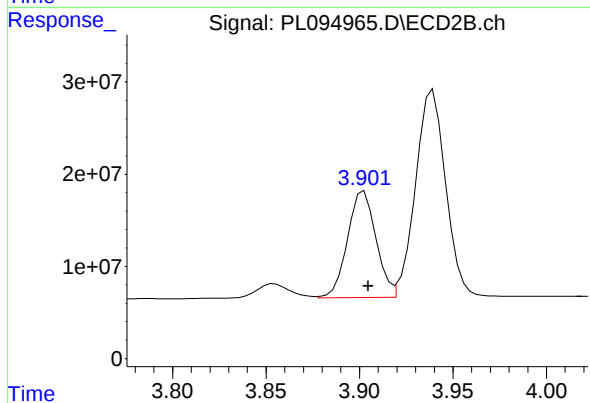
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.003 min
Response: 229262880
Conc: 47.02 ng/ml



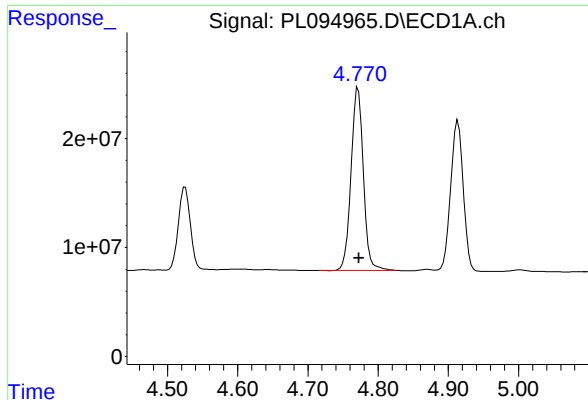
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 89684681
Conc: 48.60 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.002 min
Response: 122946239
Conc: 55.35 ng/ml



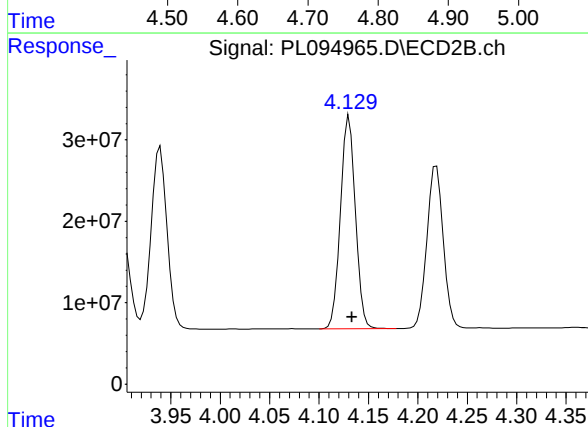
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: -0.001 min
Response: 203994409
Conc: 52.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MS

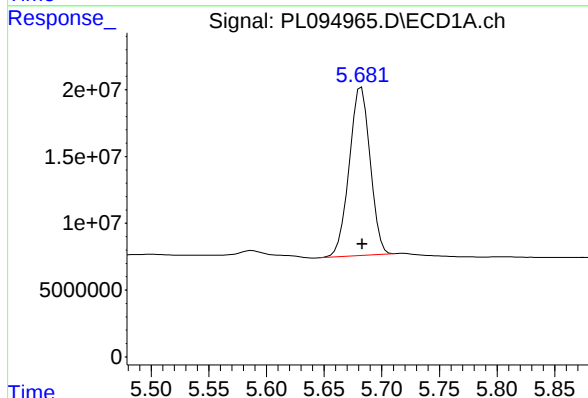
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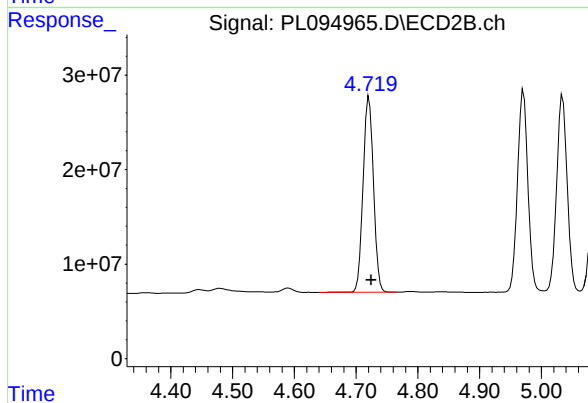
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.003 min
Response: 273983875
Conc: 54.78 ng/ml



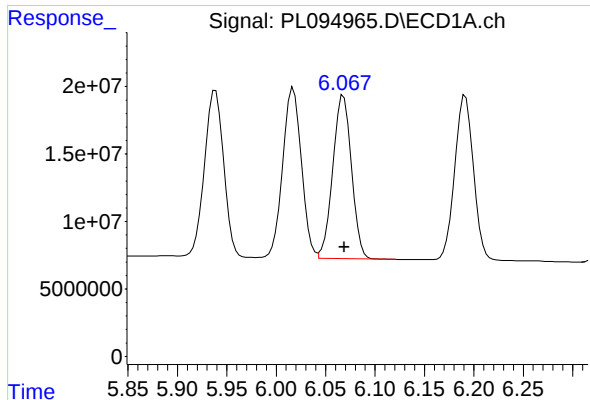
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 158625619
Conc: 47.42 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.004 min
Response: 242602919
Conc: 52.99 ng/ml



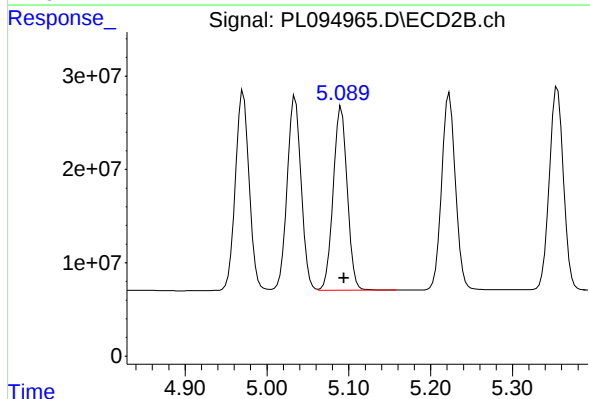
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 158993014
Conc: 51.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MS

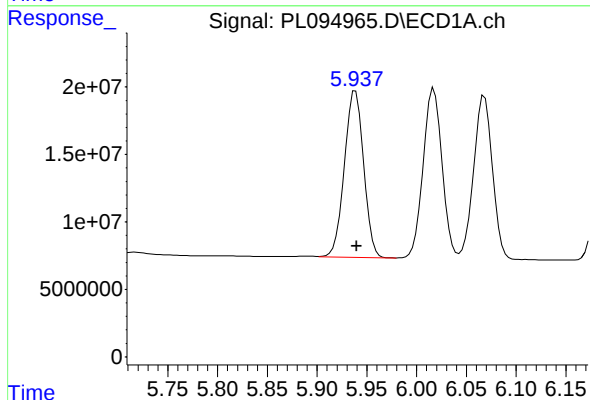
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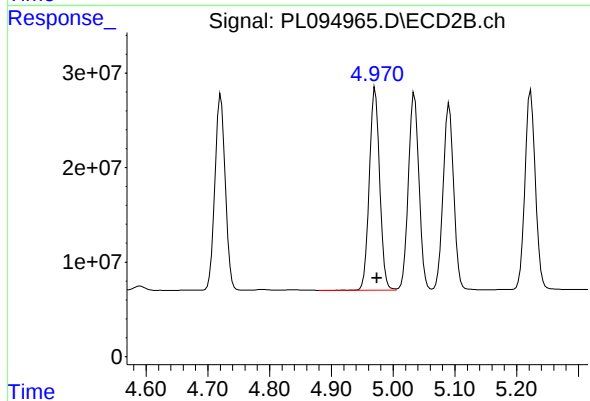
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 234742072
Conc: 53.49 ng/ml



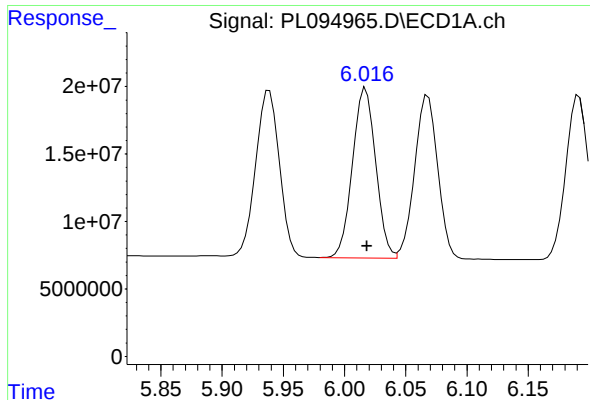
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 166620284
Conc: 49.45 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 250009272
Conc: 51.78 ng/ml



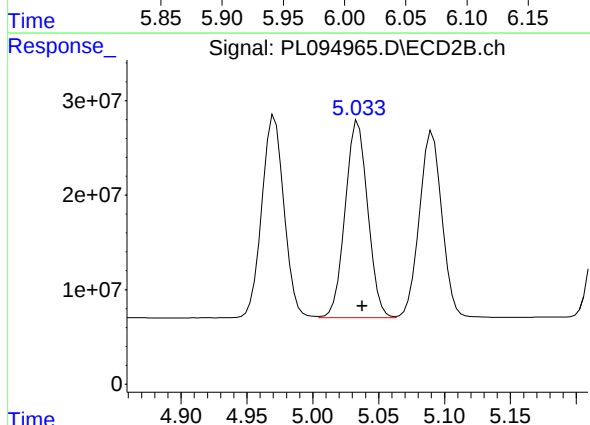
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.001 min
Response: 166405518
Conc: 50.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MS

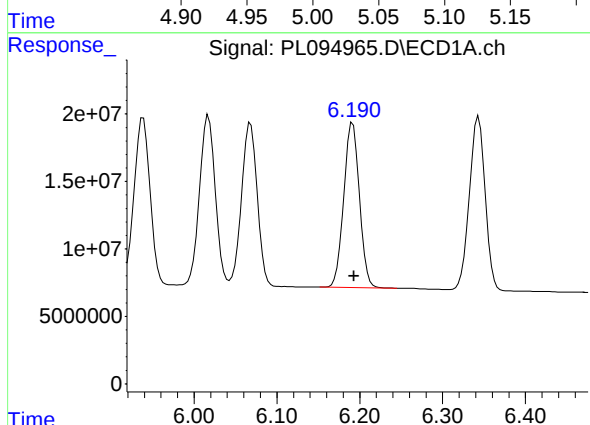
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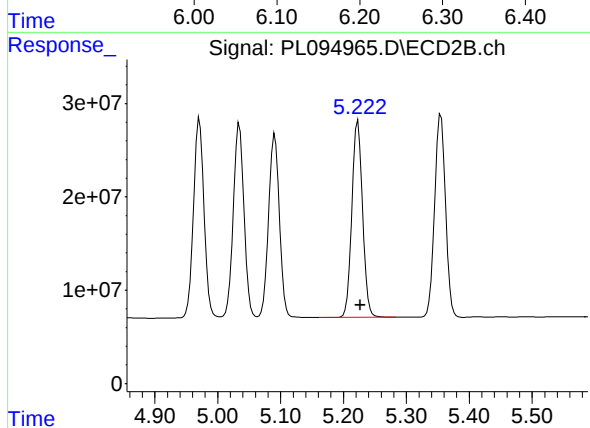
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: -0.003 min
Response: 247563070
Conc: 51.87 ng/ml



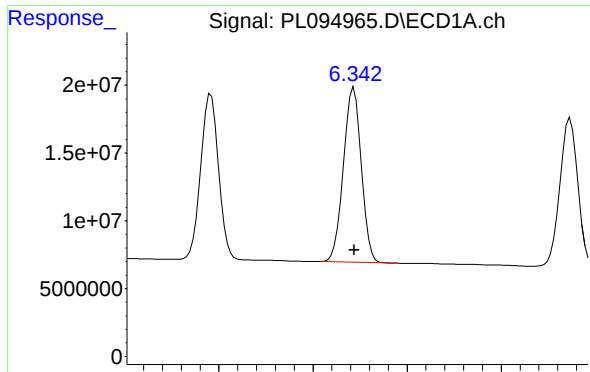
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 160625938
Conc: 54.60 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: -0.004 min
Response: 247902967
Conc: 53.33 ng/ml



#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 170093803
Conc: 53.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MS

Manual Integrations
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#13 Dieldrin

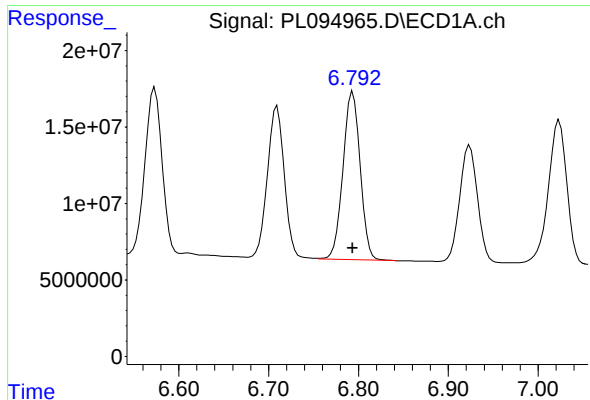
R.T.: 5.355 min
Delta R.T.: -0.003 min
Response: 260842595
Conc: 53.76 ng/ml

#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 145321470
Conc: 52.42 ng/ml m

#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.003 min
Response: 242396050
Conc: 55.55 ng/ml



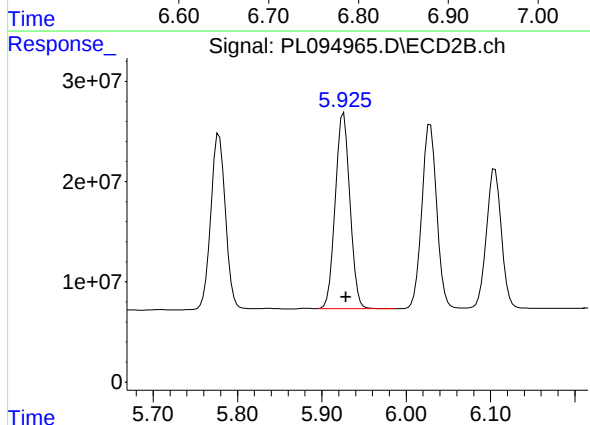
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 145445761
Conc: 53.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MS

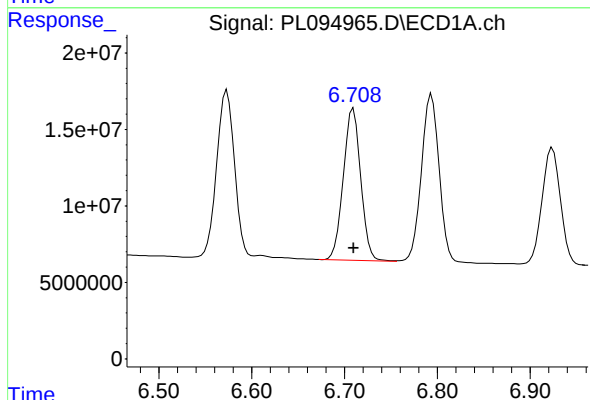
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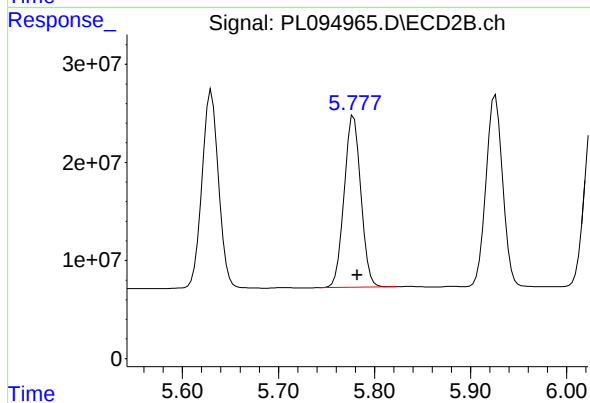
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.003 min
Response: 235189550
Conc: 54.34 ng/ml



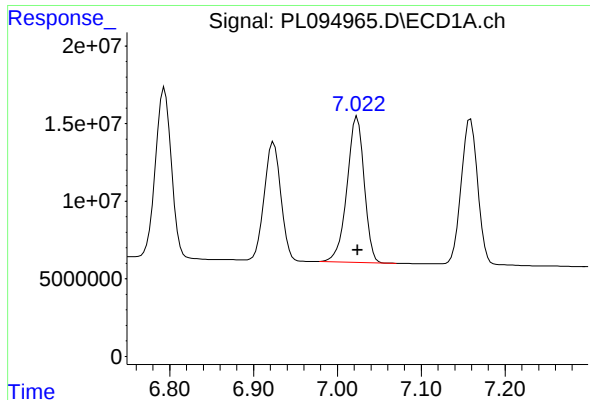
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 129141423
Conc: 59.62 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 209987101
Conc: 58.40 ng/ml



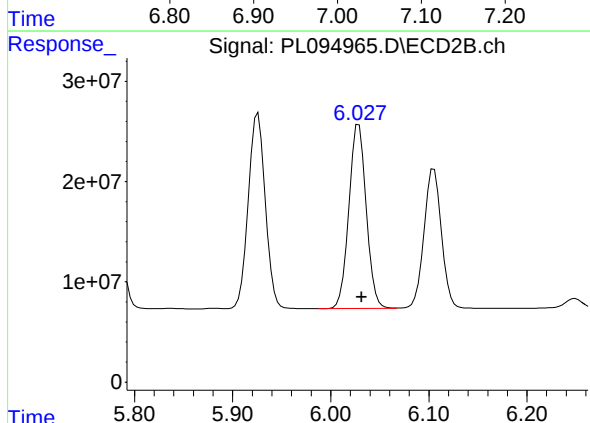
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 133237435
Conc: 56.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MS

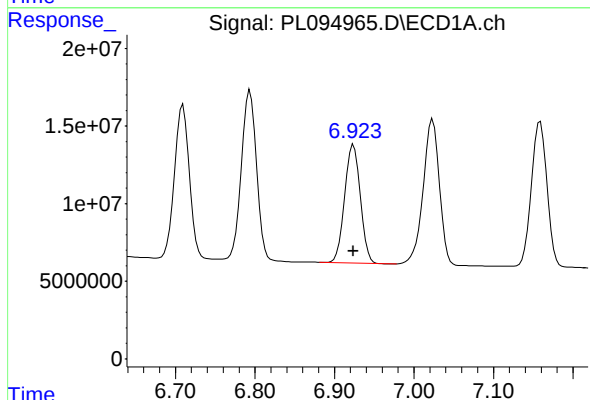
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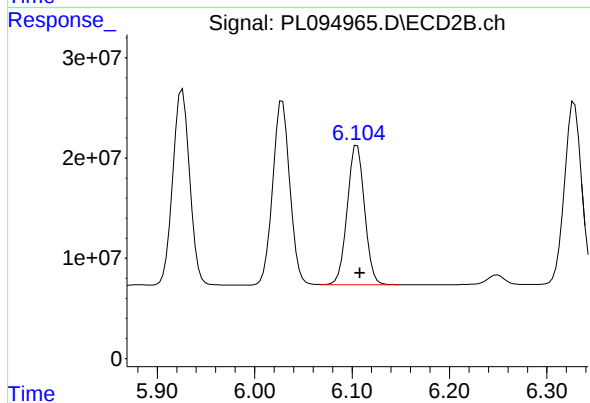
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.003 min
Response: 225367159
Conc: 55.89 ng/ml



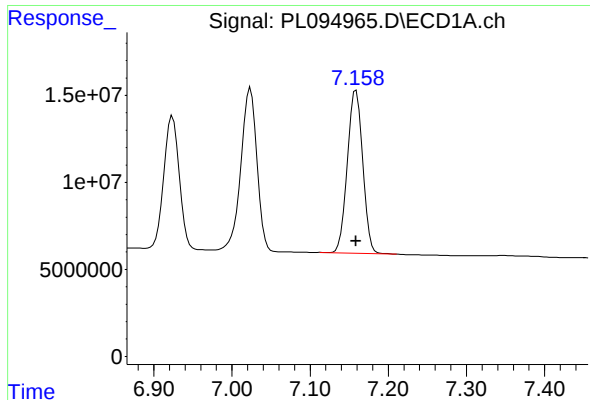
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 104674790
Conc: 49.59 ng/ml



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.003 min
Response: 171550367
Conc: 50.98 ng/ml



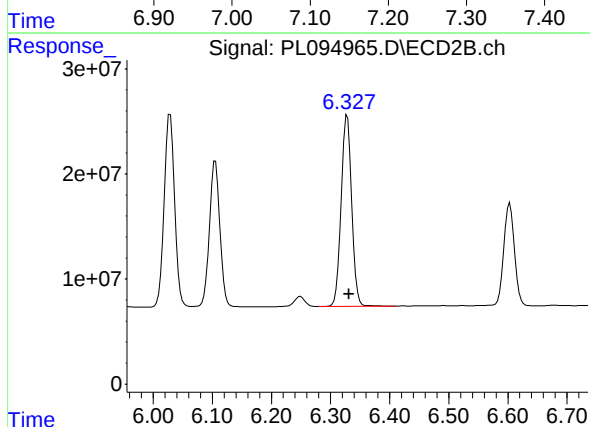
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.000 min
Response: 127957031
Conc: 52.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MS

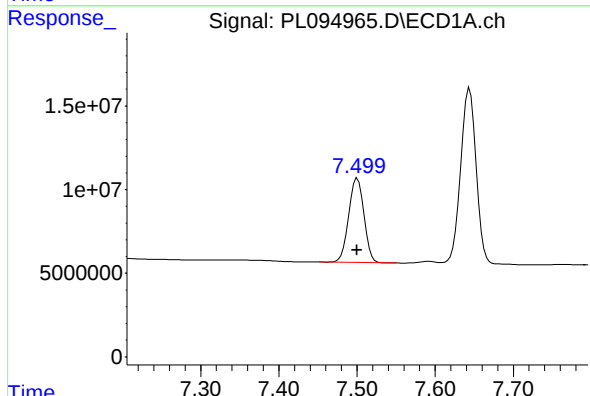
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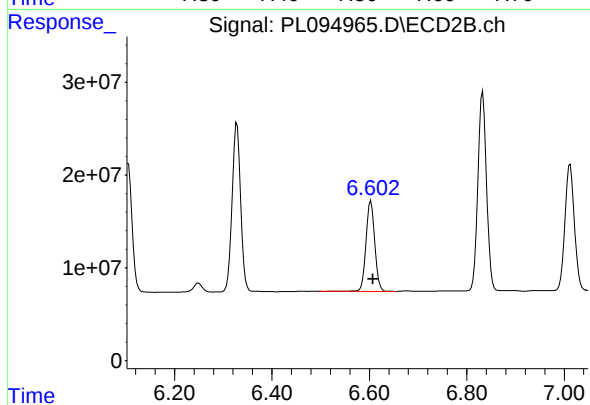
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: -0.003 min
Response: 225274421
Conc: 55.30 ng/ml



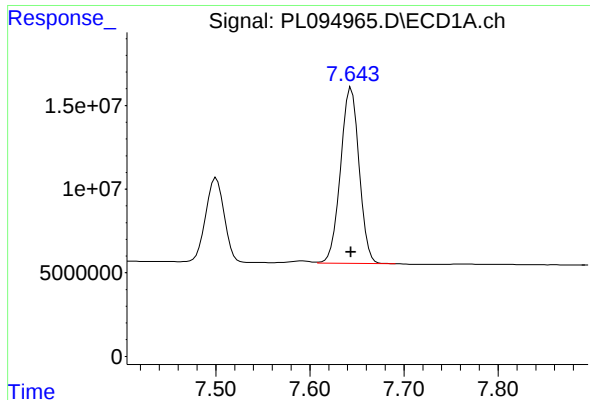
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 68410759
Conc: 57.15 ng/ml



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: -0.004 min
Response: 122867636
Conc: 57.93 ng/ml



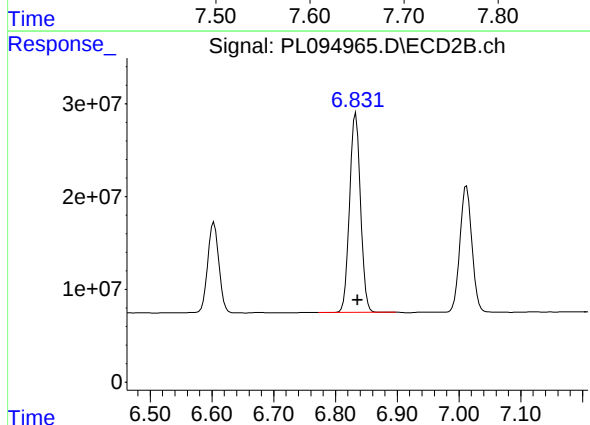
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 144350385
Conc: 54.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MS

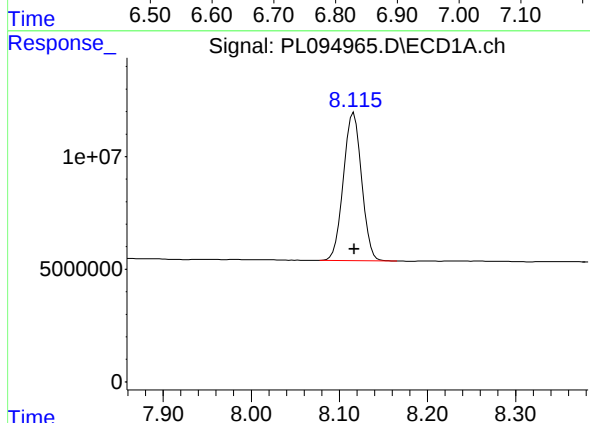
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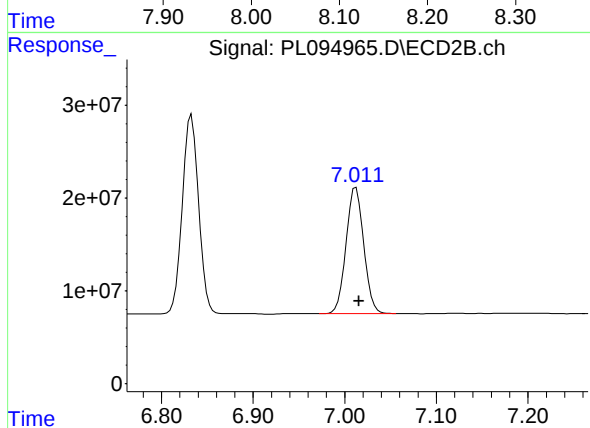
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: -0.003 min
Response: 264885764
Conc: 55.50 ng/ml



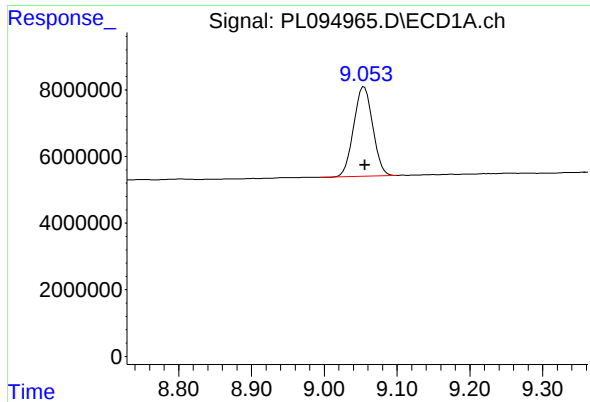
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 94639643
Conc: 45.80 ng/ml



#22 Mirex

R.T.: 7.011 min
Delta R.T.: -0.005 min
Response: 182985830
Conc: 48.21 ng/ml m



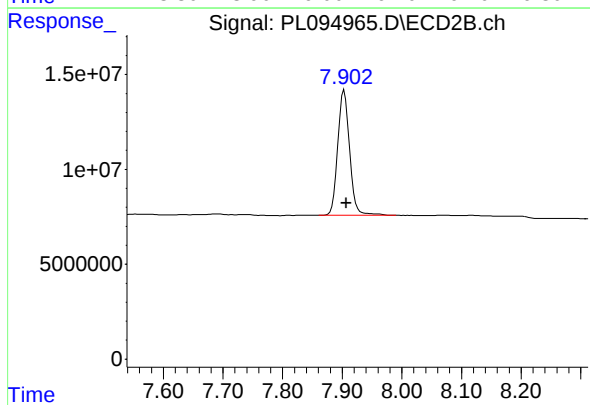
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 min
Response: 48869446
Conc: 23.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.903 min
Delta R.T.: -0.004 min
Response: 91598224
Conc: 22.68 ng/ml