

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033125\
 Data File : PL094953.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2025 12:55
 Operator : AR\AJ
 Sample : PB167379BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167379BS

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 02:11:42 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	2.770	29013394	35302246	10.250	9.891
2) SA Decachlor...	9.058	7.904	23648295	43883822	11.221	10.864
Target Compounds						
2) A alpha-BHC	3.994	3.272	190.1E6	277.5E6	45.775	51.479
3) MA gamma-BHC...	4.327	3.601	183.2E6	255.6E6	45.911	49.733
4) MA Heptachlor	4.914	3.939	176.3E6	253.3E6	45.429	48.084
5) MB Aldrin	5.256	4.219	170.6E6	238.0E6	46.218	48.813
6) B beta-BHC	4.526	3.902	84574587	111.5E6	45.834	50.213
7) B delta-BHC	4.771	4.131	195.0E6	248.5E6	50.069m	49.690
8) B Heptachlo...	5.684	4.721	155.3E6	224.6E6	46.413	49.062
9) A Endosulfan I	6.069	5.091	150.3E6	216.6E6	48.968	49.344
10) B gamma-Chl...	5.940	4.971	162.2E6	236.9E6	48.140	49.055
11) B alpha-Chl...	6.019	5.035	159.2E6	232.8E6	48.282	48.773
12) B 4,4'-DDE	6.193	5.224	157.3E6	238.4E6	53.458	51.290
13) MA Dieldrin	6.345	5.355	157.8E6	241.7E6	49.345	49.820
14) MA Endrin	6.575	5.631	133.9E6	217.0E6	48.308	49.736
15) B Endosulfa...	6.796	5.926	135.3E6	217.9E6	49.834	50.335
16) A 4,4'-DDD	6.711	5.779	119.0E6	195.9E6	54.948	54.482
17) MA 4,4'-DDT	7.025	6.028	126.0E6	213.3E6	52.965	52.909
18) B Endrin al...	6.925	6.106	105.3E6	170.2E6	49.882	50.561
19) B Endosulfa...	7.160	6.328	120.3E6	207.8E6	49.472	51.010
20) A Methoxychlor	7.502	6.604	62832081	110.6E6	52.488	52.142
21) B Endrin ke...	7.645	6.834	133.4E6	246.9E6	50.480	51.723
22) Mirex	8.118	7.012	96648075	188.2E6	46.774	49.589m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033125\
Data File : PL094953.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Mar 2025 12:55
Operator : AR\AJ
Sample : PB167379BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

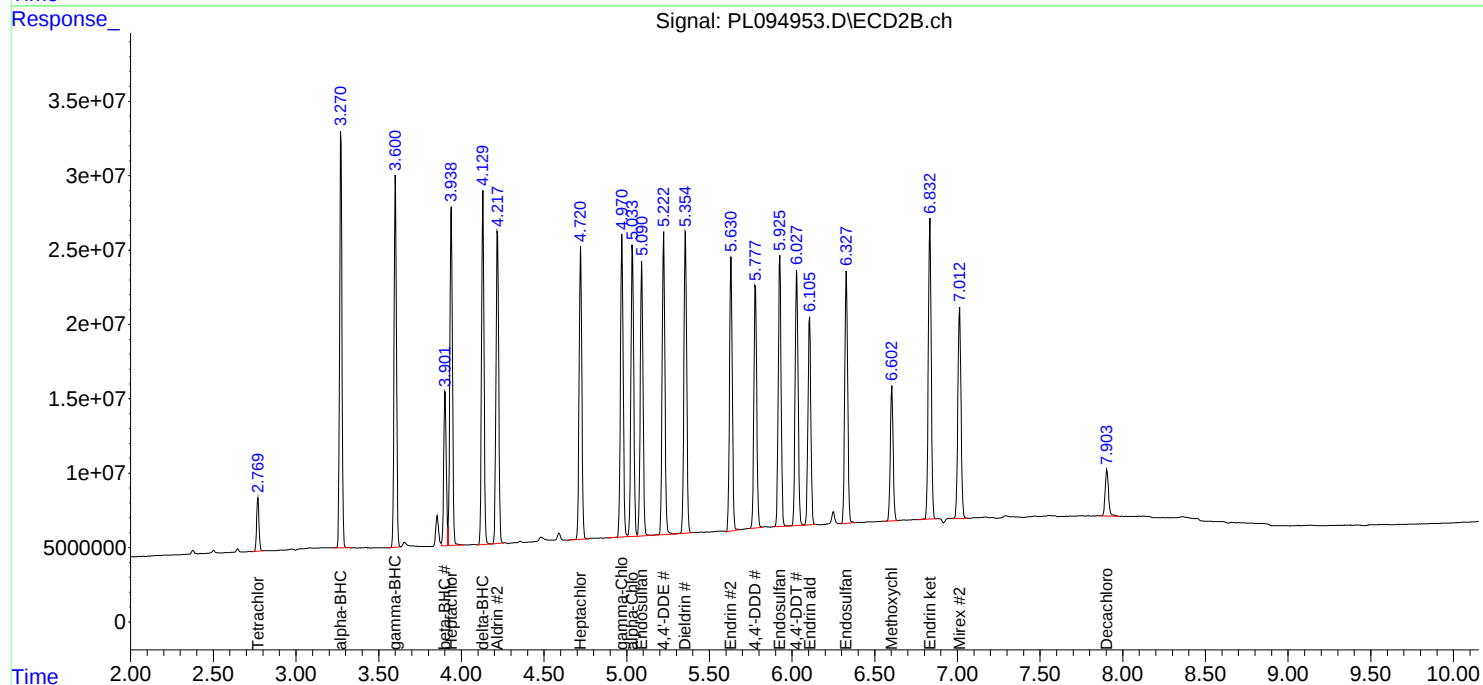
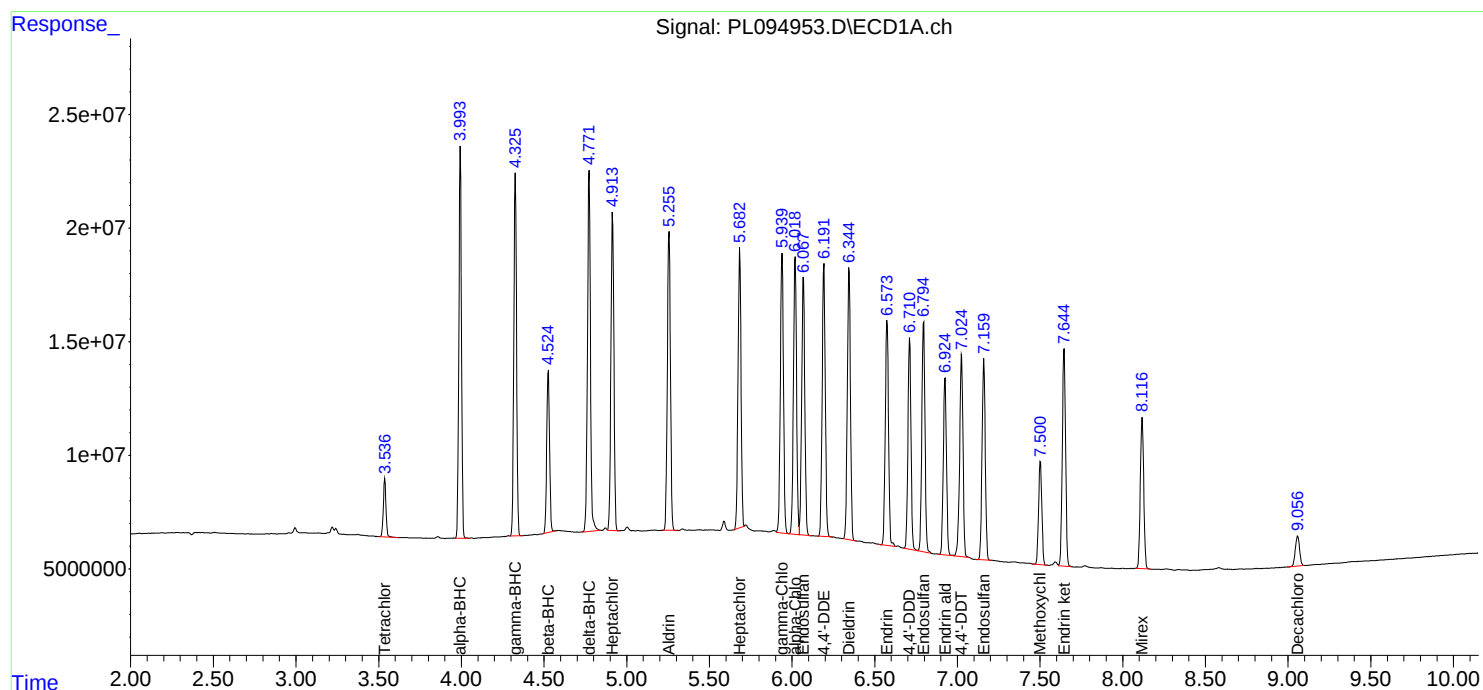
Instrument :
ECD_L
ClientSampleId :
PB167379BS

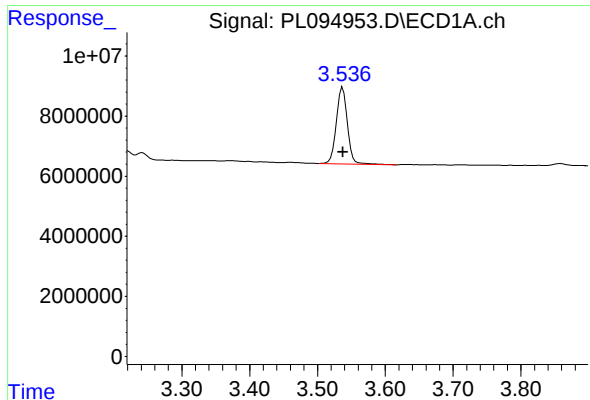
Manual Integrations
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Supervised By :mohammad ahmed 04/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 01 02:11:42 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





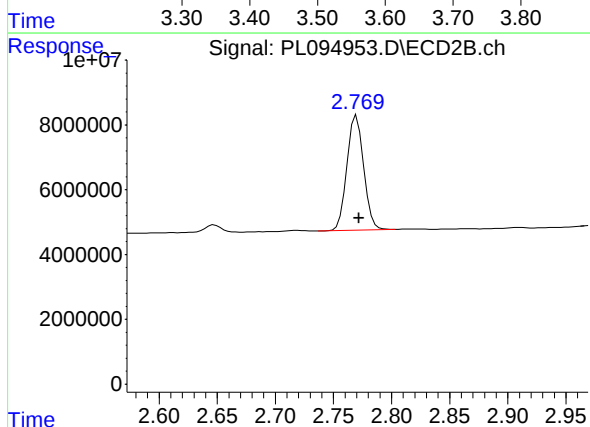
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 29013394
Conc: 10.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167379BS

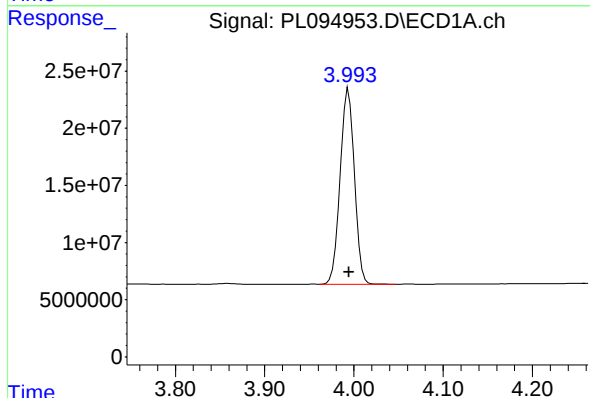
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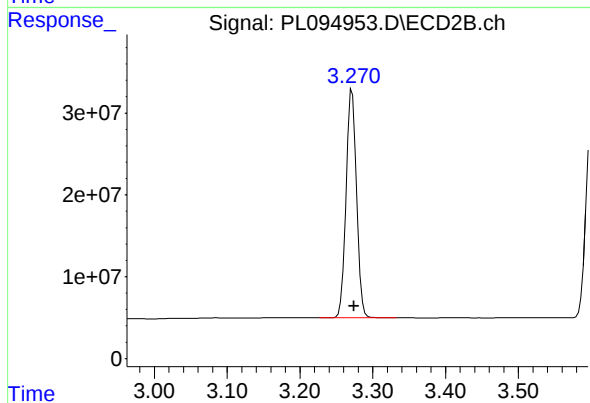
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 35302246
Conc: 9.89 ng/ml



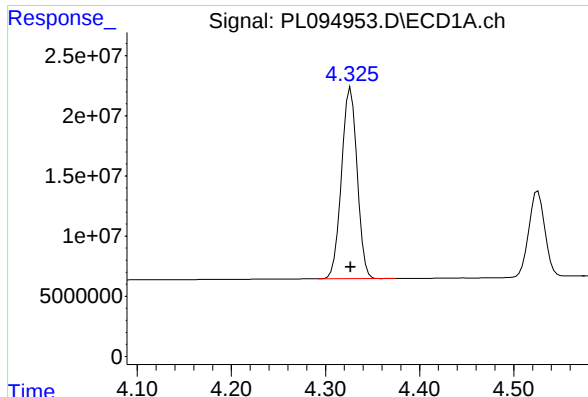
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 190074368
Conc: 45.78 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.003 min
Response: 277544114
Conc: 51.48 ng/ml



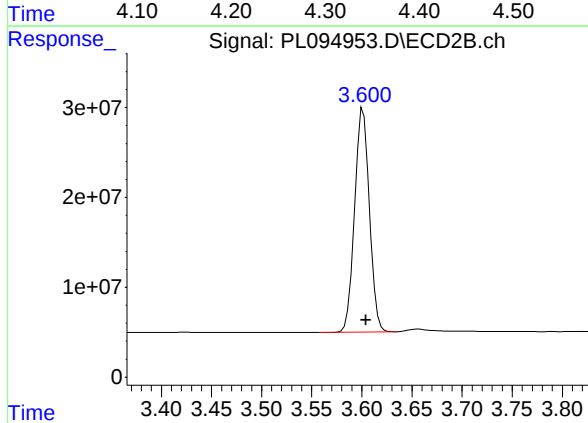
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 183195480
Conc: 45.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167379BS

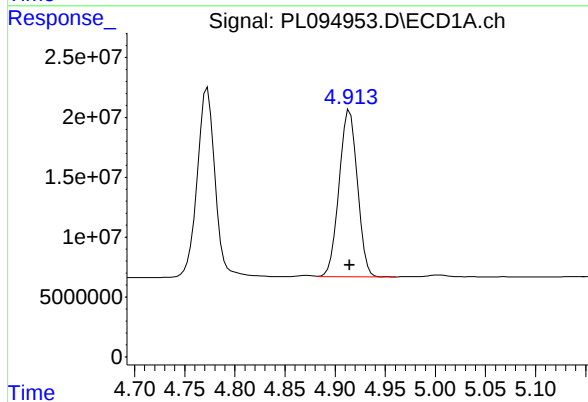
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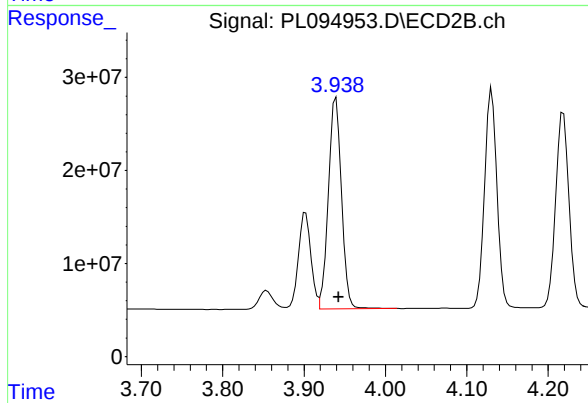
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 255599718
Conc: 49.73 ng/ml



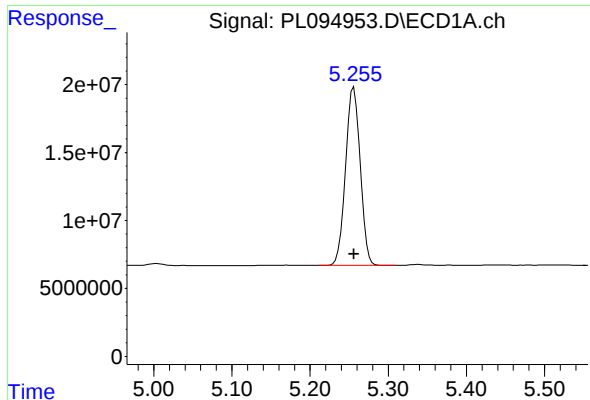
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 176337148
Conc: 45.43 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.003 min
Response: 253339786
Conc: 48.08 ng/ml



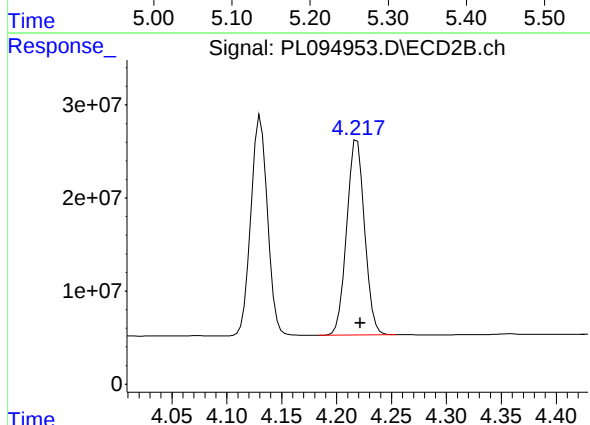
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 170645208
Conc: 46.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167379BS

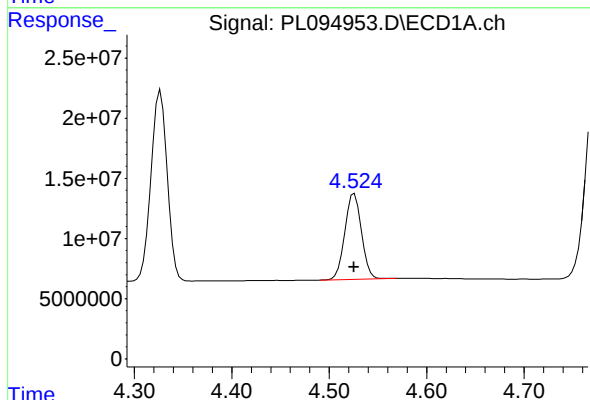
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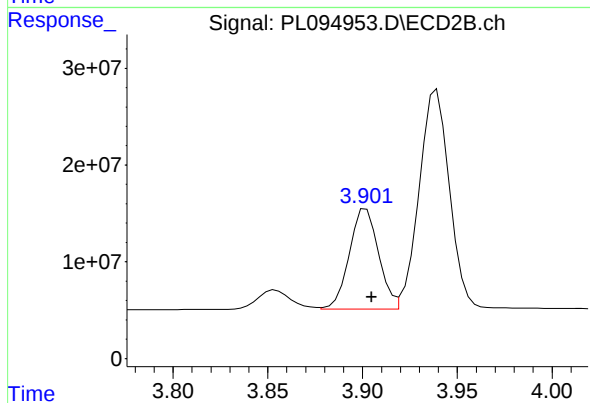
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.003 min
Response: 238028558
Conc: 48.81 ng/ml



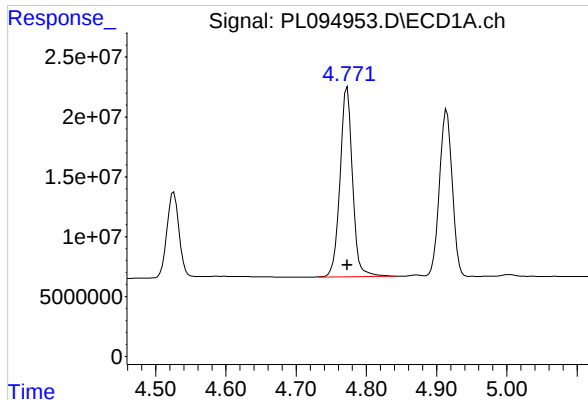
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 84574587
Conc: 45.83 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.003 min
Response: 111537602
Conc: 50.21 ng/ml



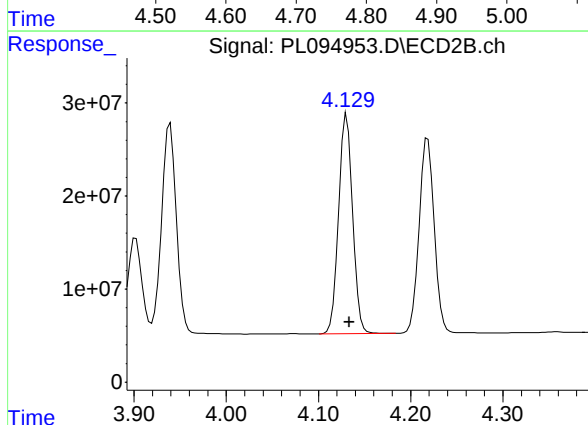
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: -0.001 min
Response: 194985692
Conc: 50.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167379BS

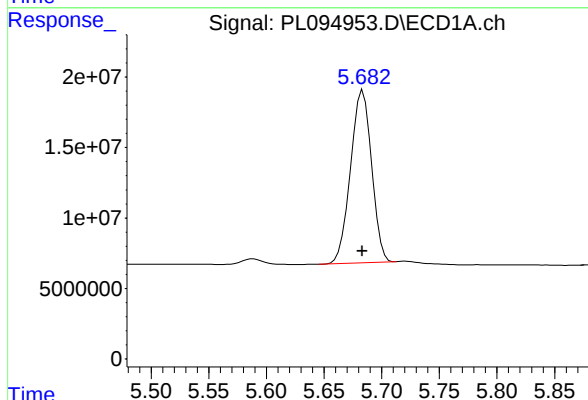
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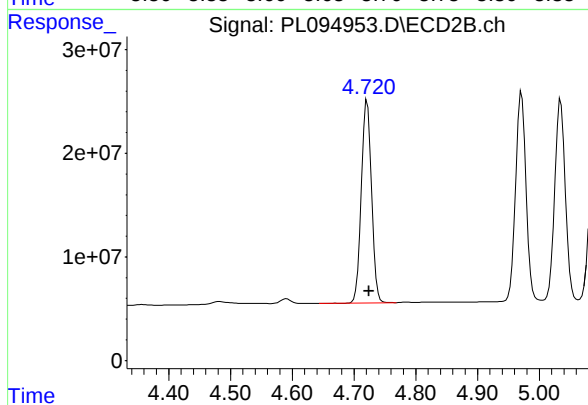
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.002 min
Response: 248546230
Conc: 49.69 ng/ml



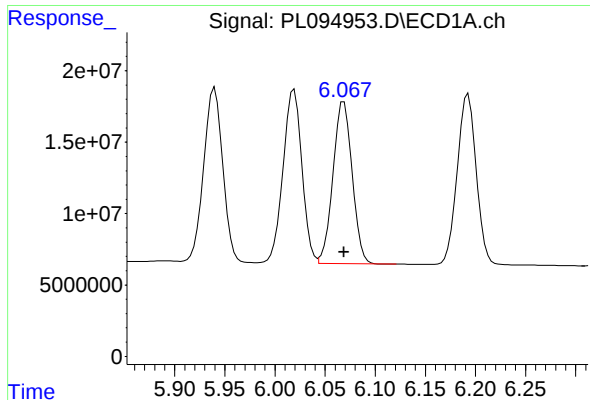
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 155261257
Conc: 46.41 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.003 min
Response: 224635117
Conc: 49.06 ng/ml



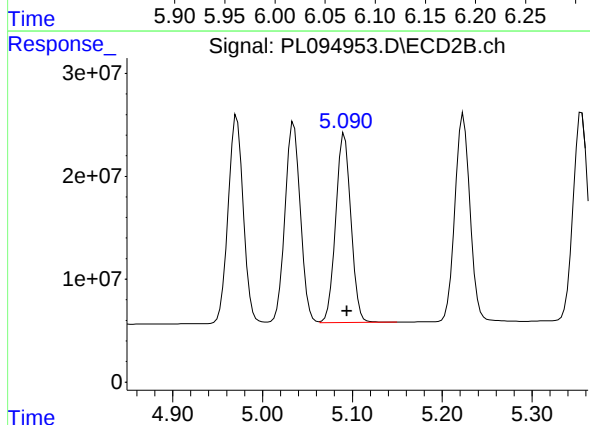
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 150342742
Conc: 48.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167379BS

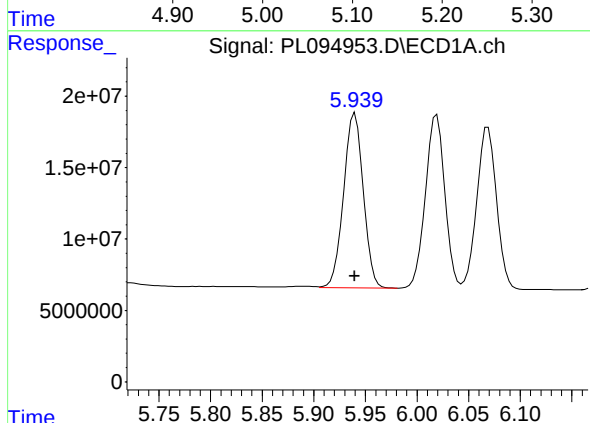
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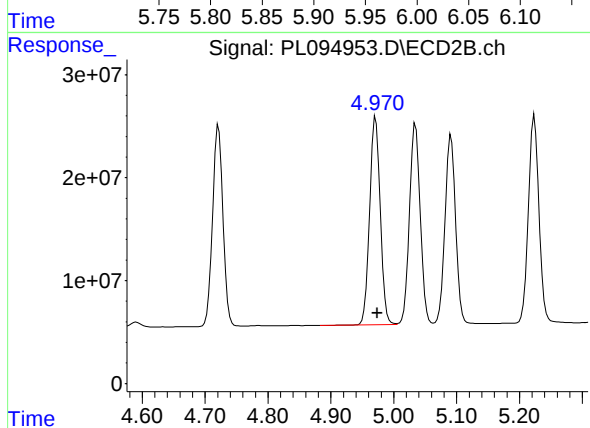
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 216556735
Conc: 49.34 ng/ml



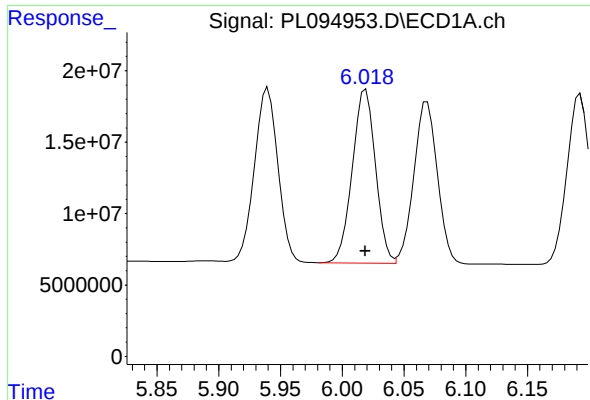
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 162200997
Conc: 48.14 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 236856436
Conc: 49.05 ng/ml



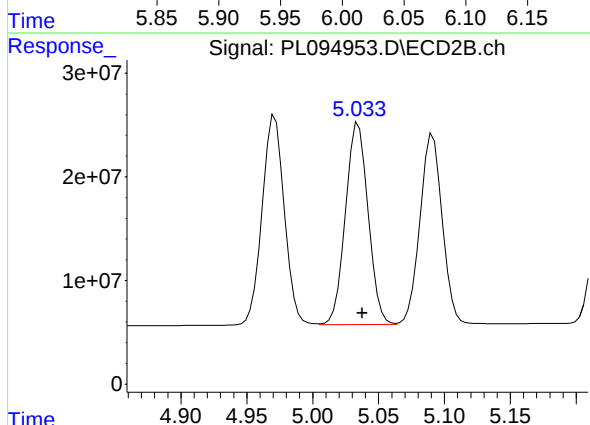
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 159177620
Conc: 48.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167379BS

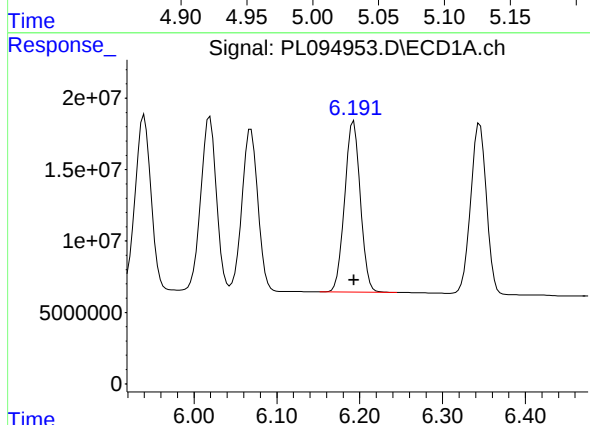
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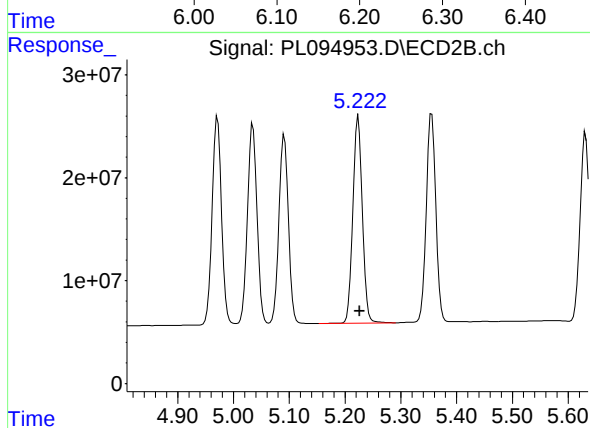
#11 alpha-Chlordane

R.T.: 5.035 min
Delta R.T.: -0.003 min
Response: 232784342
Conc: 48.77 ng/ml



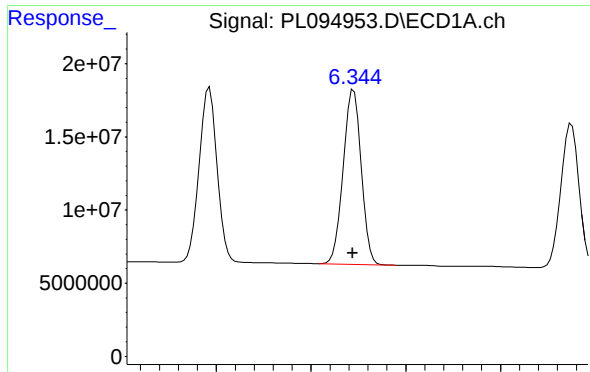
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 157276183
Conc: 53.46 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: -0.003 min
Response: 238423080
Conc: 51.29 ng/ml



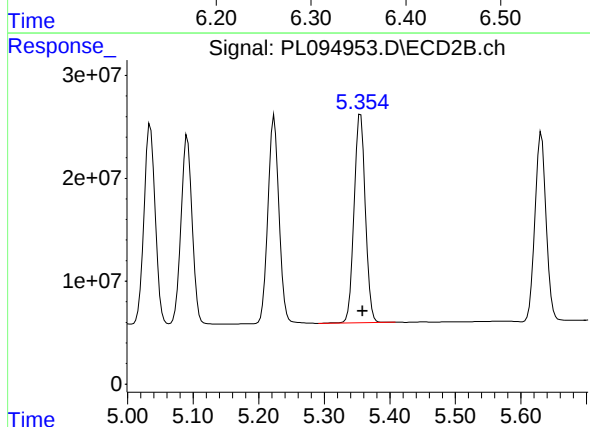
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 157811586
Conc: 49.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167379BS

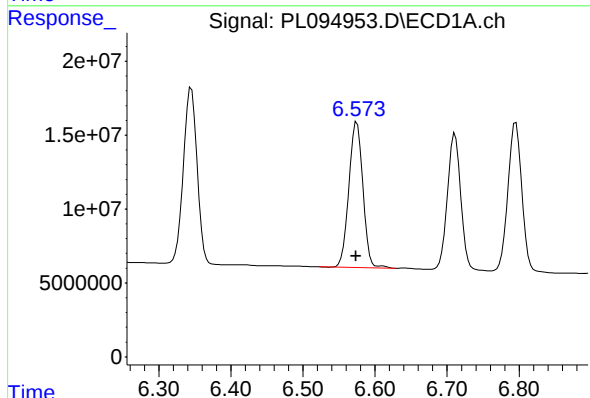
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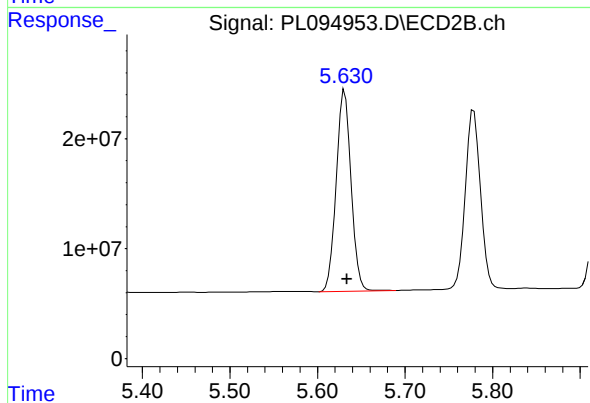
#13 Dieldrin

R.T.: 5.355 min
Delta R.T.: -0.003 min
Response: 241716071
Conc: 49.82 ng/ml



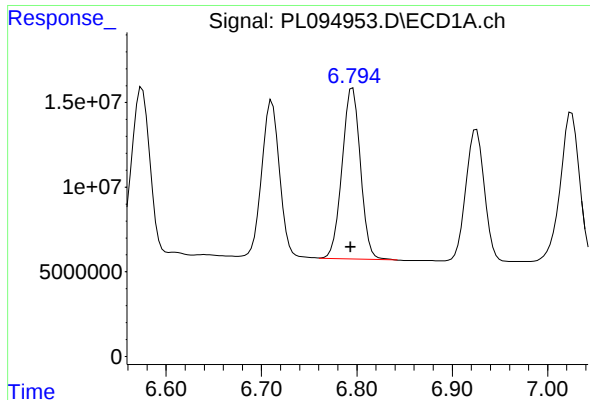
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.001 min
Response: 133912446
Conc: 48.31 ng/ml



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.002 min
Response: 217031597
Conc: 49.74 ng/ml



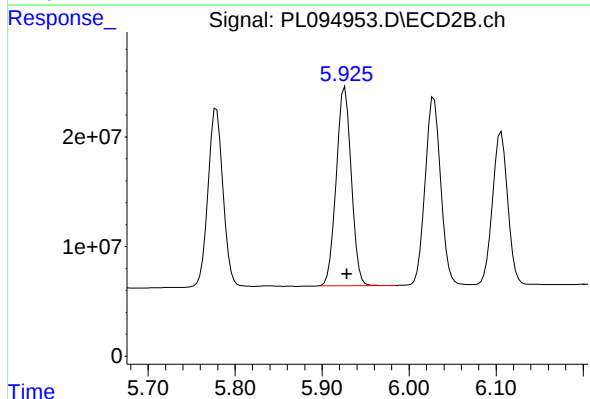
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: 0.002 min
Response: 135286301
Conc: 49.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167379BS

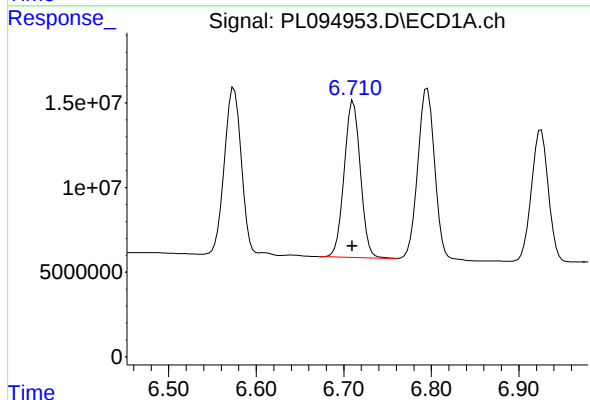
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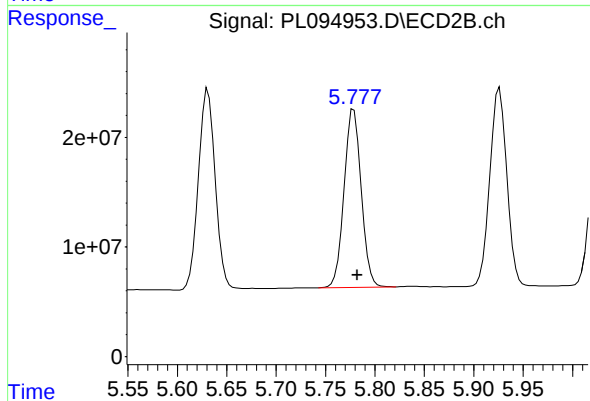
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.002 min
Response: 217860966
Conc: 50.33 ng/ml



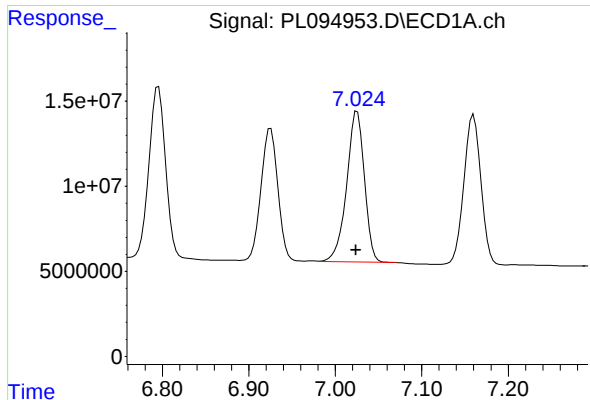
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.001 min
Response: 119020852
Conc: 54.95 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 195911818
Conc: 54.48 ng/ml



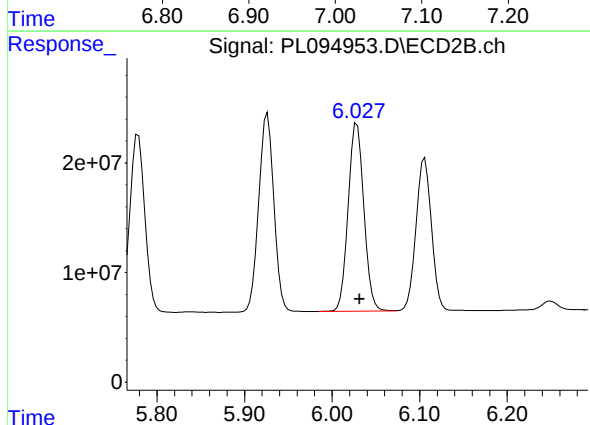
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.001 min
Response: 125980025
Conc: 52.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167379BS

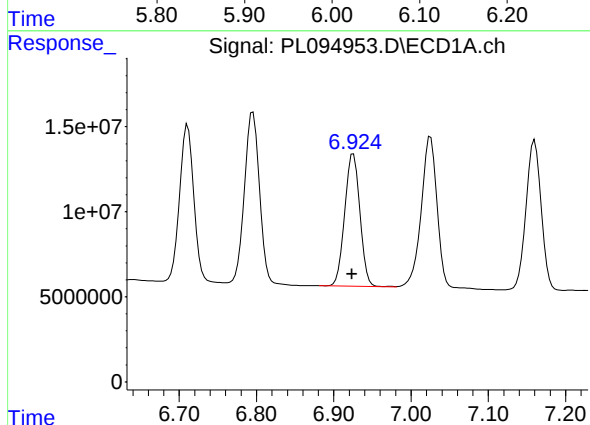
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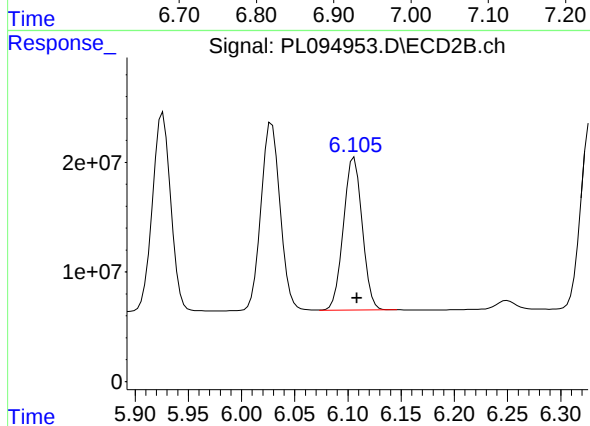
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: -0.003 min
Response: 213333422
Conc: 52.91 ng/ml



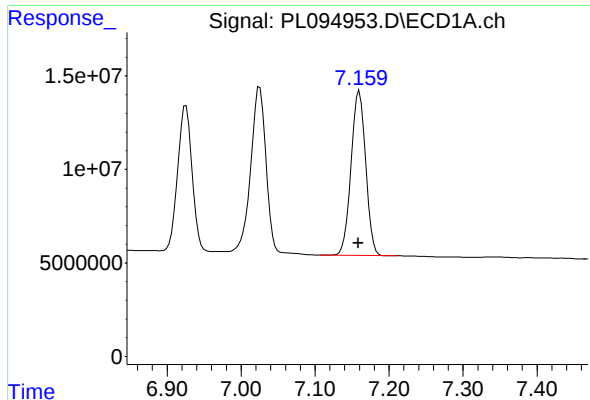
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.002 min
Response: 105299701
Conc: 49.88 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 170157695
Conc: 50.56 ng/ml



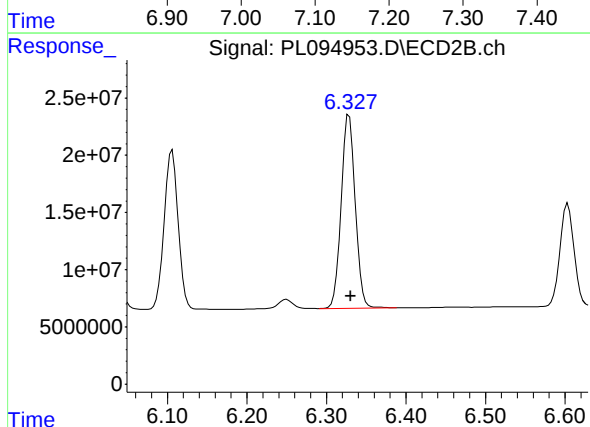
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.001 min
Response: 120317603
Conc: 49.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167379BS

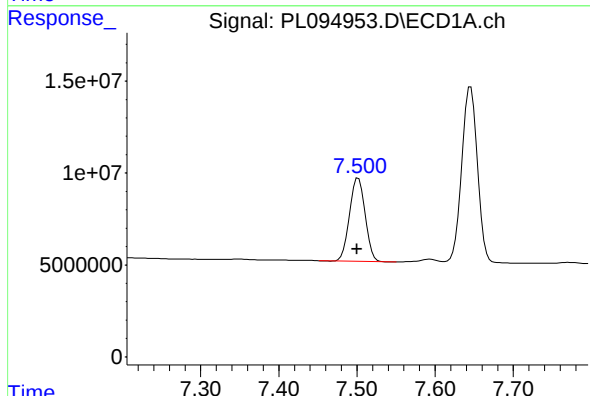
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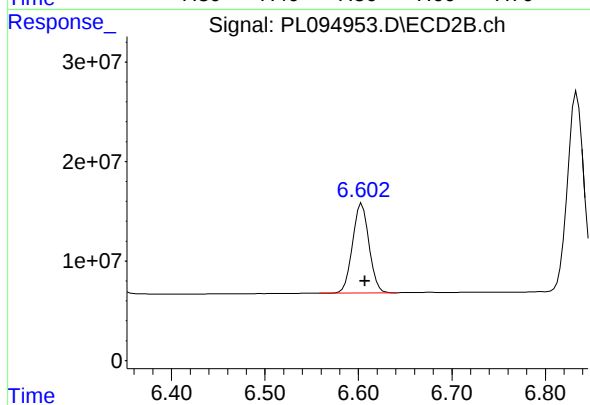
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: -0.002 min
Response: 207784357
Conc: 51.01 ng/ml



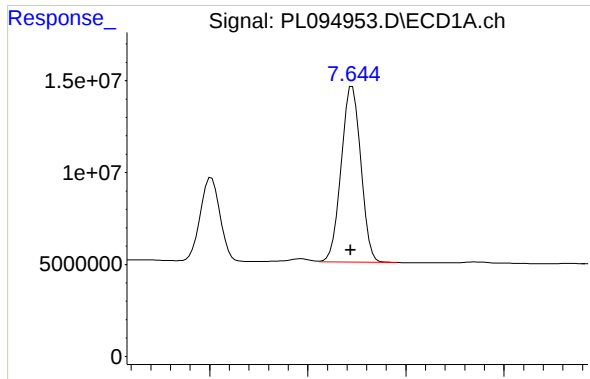
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.002 min
Response: 62832081
Conc: 52.49 ng/ml



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: -0.003 min
Response: 110597171
Conc: 52.14 ng/ml



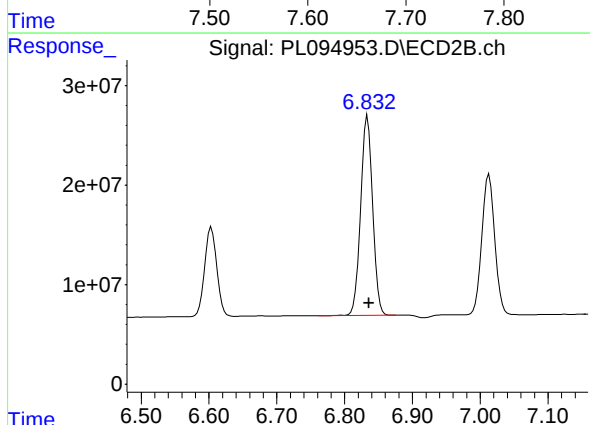
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.002 min
Response: 133432763
Conc: 50.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167379BS

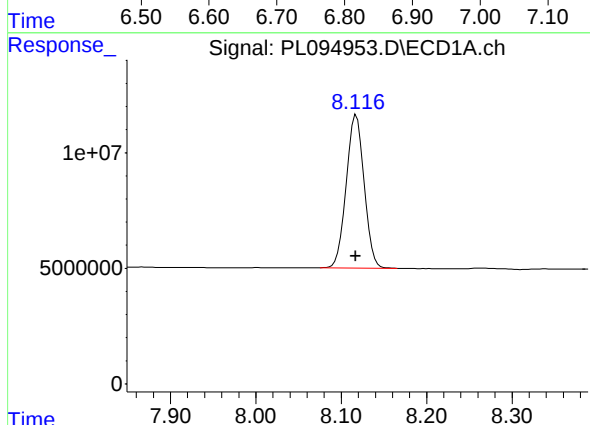
Manual Integrations
APPROVED

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



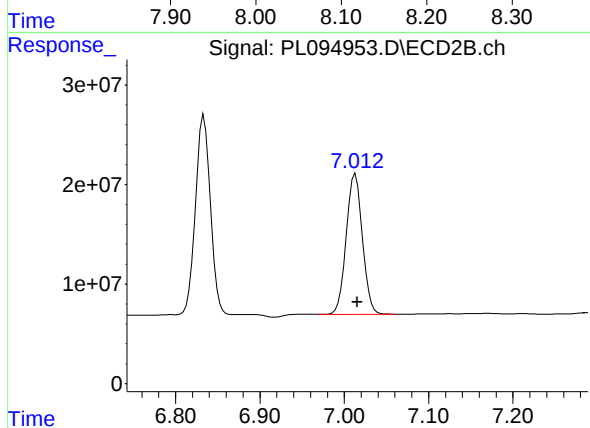
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: -0.002 min
Response: 246851044
Conc: 51.72 ng/ml



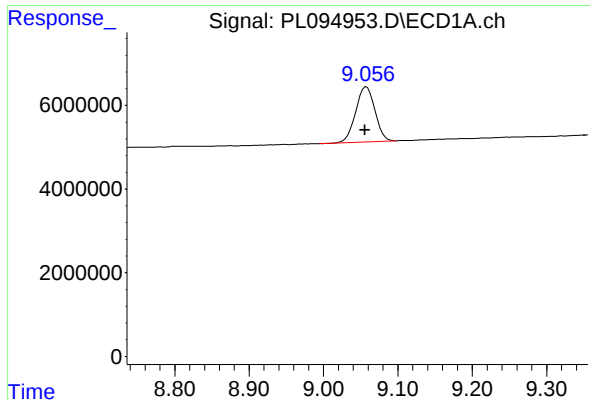
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.000 min
Response: 96648075
Conc: 46.77 ng/ml



#22 Mirex

R.T.: 7.012 min
Delta R.T.: -0.004 min
Response: 188206169
Conc: 49.59 ng/ml m



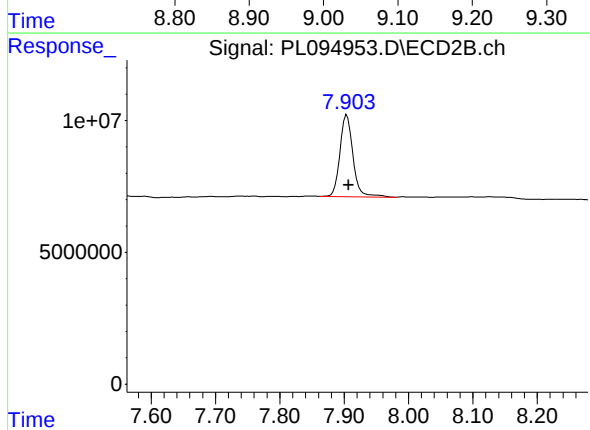
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: 0.002 min
Response: 23648295
Conc: 11.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167379BS

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: 43883822
Conc: 10.86 ng/ml