

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032425\
 Data File : PL094809.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Mar 2025 10:14
 Operator : AR\AJ
 Sample : PB167223BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167223BS

Manual Integrations
 APPROVED

Reviewed By :Abdul
 Mirza

03/25/2025
 Supervised By :mohammad
 ahmed

03/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 25 01:50:50 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	58856600	78160728	20.792	21.898
28) SA Decachlor...	9.054	7.904	54424284	93398237	25.825	23.122
Target Compounds						
2) A alpha-BHC	3.993	3.272	195.0E6	278.2E6	46.952	51.605
3) MA gamma-BHC...	4.326	3.602	189.9E6	260.4E6	47.601	50.664
4) MA Heptachlor	4.914	3.940	184.3E6	264.1E6	47.490	50.130
5) MB Aldrin	5.256	4.219	178.3E6	248.3E6	48.299	50.910
6) B beta-BHC	4.525	3.903	88443168	118.8E6	47.931	53.499
7) B delta-BHC	4.772	4.131	202.6E6	263.4E6	52.015	52.651
8) B Heptachlo...	5.683	4.722	166.5E6	238.7E6	49.785	52.127
9) A Endosulfan I	6.068	5.091	158.1E6	232.0E6	51.485	52.864
10) B gamma-Chl...	5.939	4.970	170.9E6	253.4E6	50.720	52.476m
11) B alpha-Chl...	6.018	5.035	168.6E6	248.8E6	51.136	52.139
12) B 4,4'-DDE	6.192	5.224	166.2E6	254.8E6	56.479	54.810
13) MA Dieldrin	6.343	5.355	165.7E6	257.3E6	51.814	53.040
14) MA Endrin	6.572	5.630	139.2E6	233.2E6	50.198m	53.448m
15) B Endosulfa...	6.794	5.926	141.8E6	235.3E6	52.239	54.357
16) A 4,4'-DDD	6.710	5.779	125.6E6	212.5E6	57.998	59.085
17) MA 4,4'-DDT	7.024	6.029	134.4E6	229.2E6	56.510	56.848
18) B Endrin al...	6.924	6.106	110.9E6	182.5E6	52.522	54.234
19) B Endosulfa...	7.159	6.329	130.1E6	227.2E6	53.494	55.780
20) A Methoxychlor	7.500	6.604	69664443	117.4E6	58.196	55.338
21) B Endrin ke...	7.643	6.832	144.5E6	263.5E6	54.661	55.207m
22) Mirex	8.116	7.012	107.1E6	197.9E6	51.837	52.149m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032425\
Data File : PL094809.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Mar 2025 10:14
Operator : AR\AJ
Sample : PB167223BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Manual Integrations
APPROVED

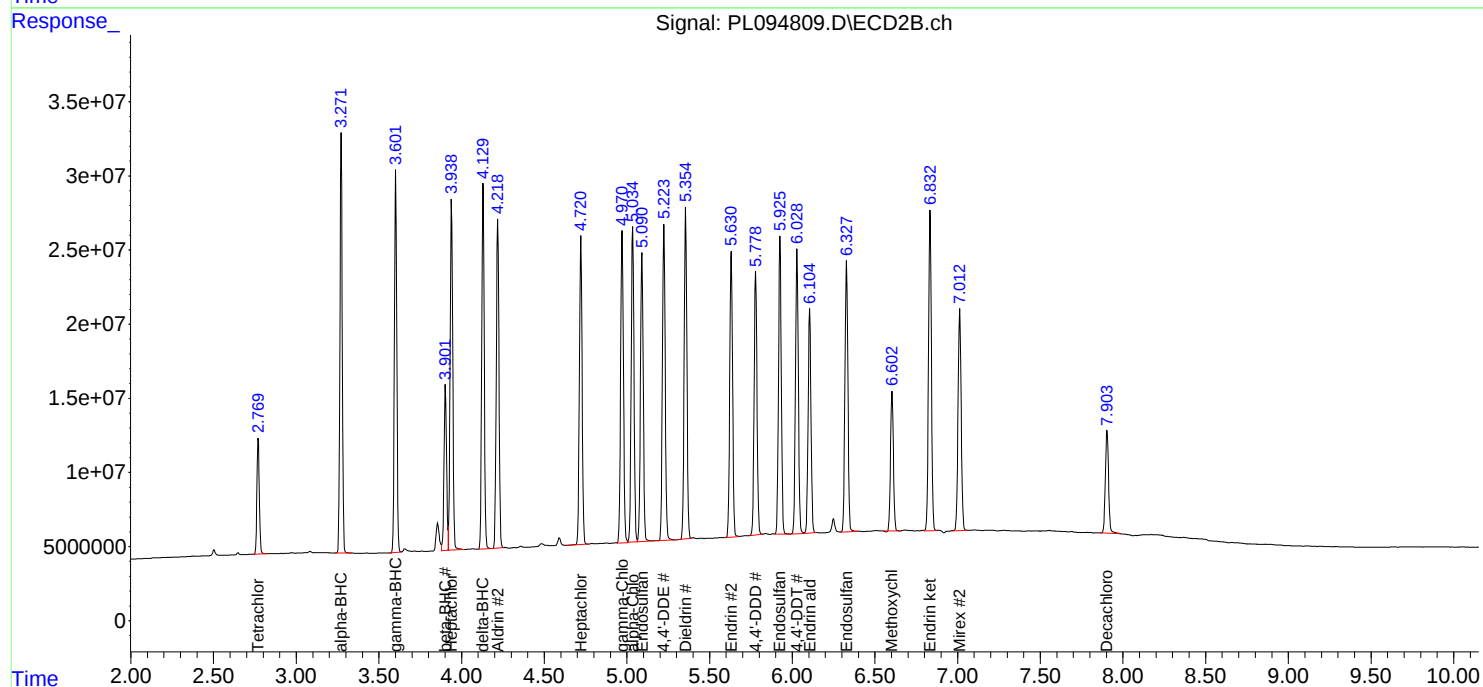
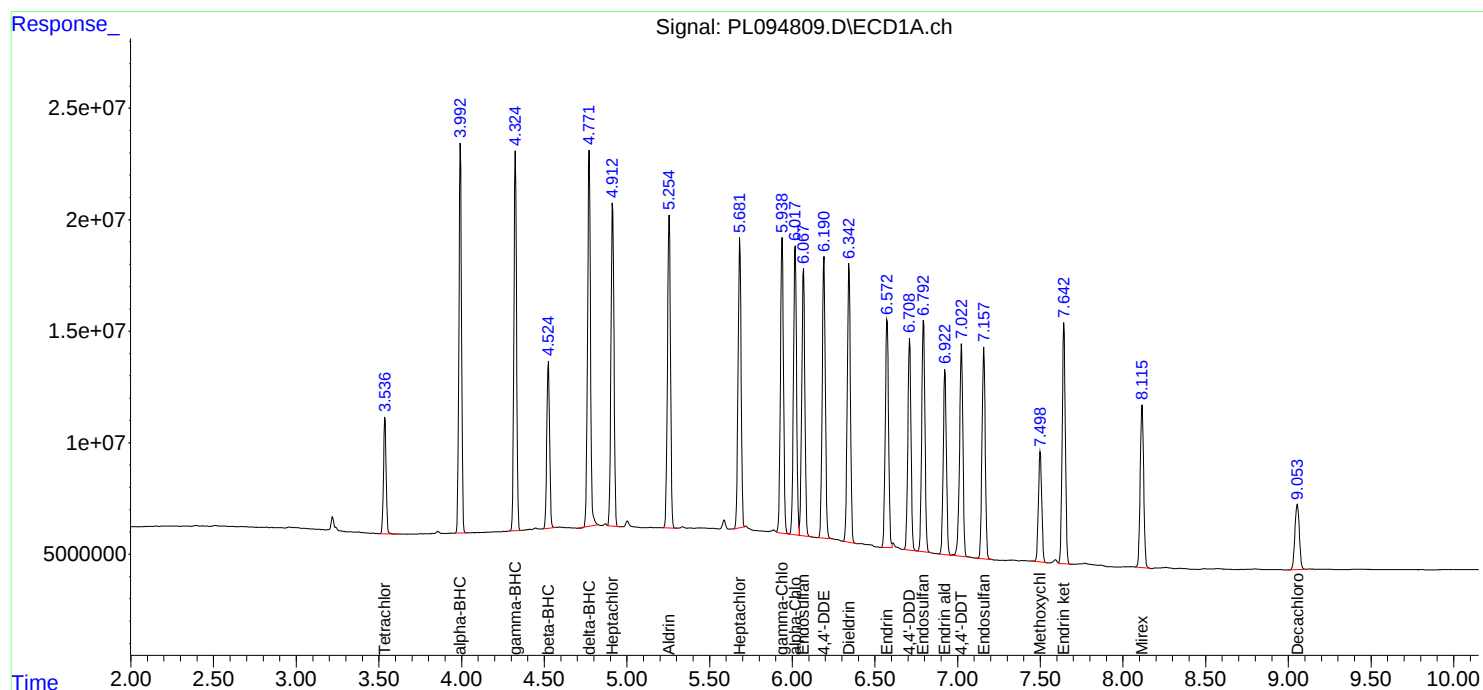
Reviewed By : Abdul
Mirza

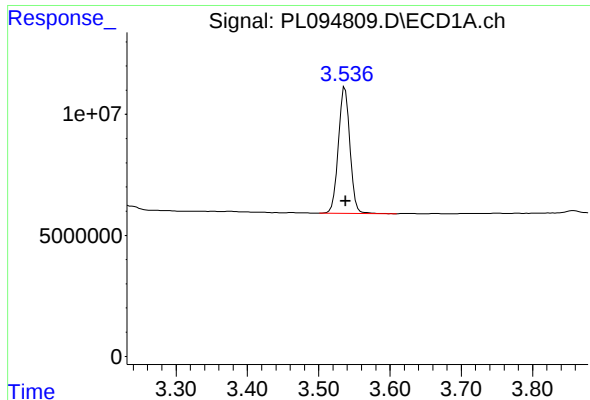
03/25/2025
Supervised By : mohammad
ahmed

03/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 25 01:50:50 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: 58856600
Conc: 20.79 ng/ml

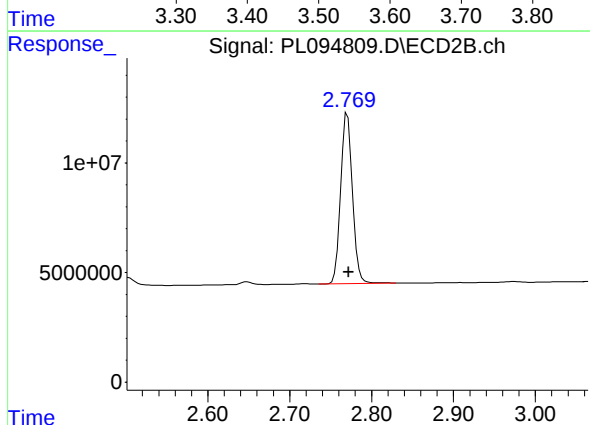
Instrument :
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Reviewed By :Abdul
Mirza

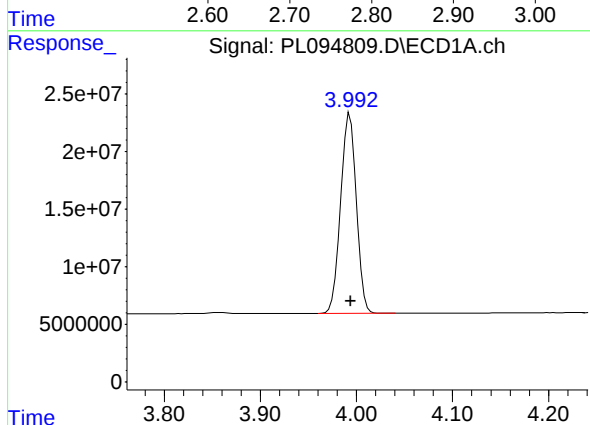
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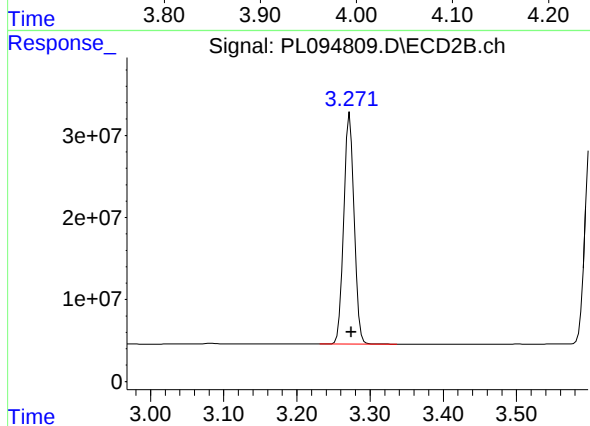
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 78160728
Conc: 21.90 ng/ml



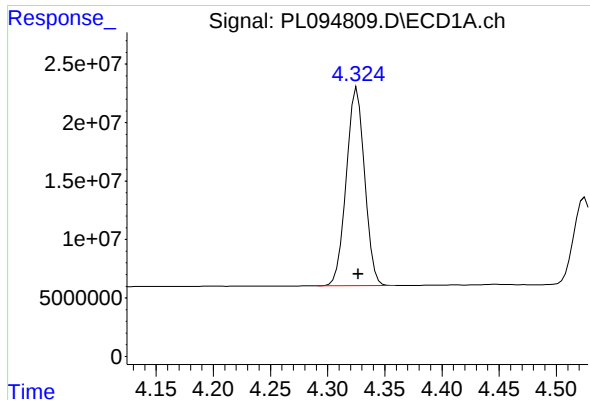
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 194960955
Conc: 46.95 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.002 min
Response: 278221034
Conc: 51.60 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: -0.001 min
Response: 189941164
Conc: 47.60 ng/ml

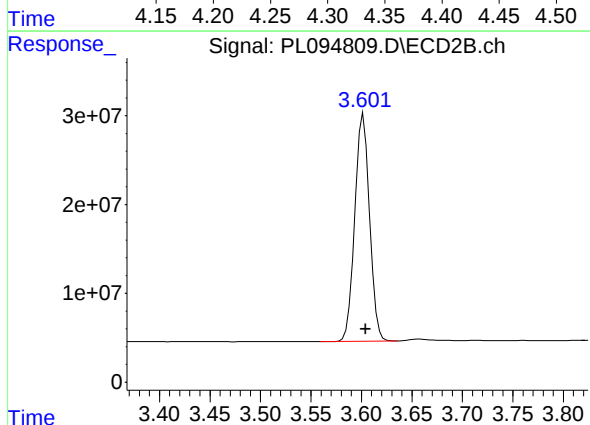
Instrument :
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ClientSampleId :
PB167223BS

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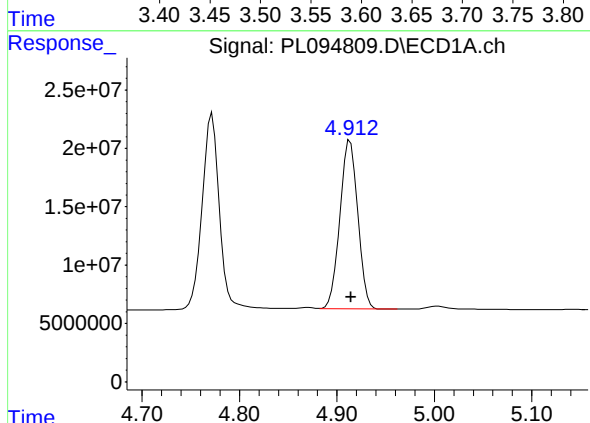
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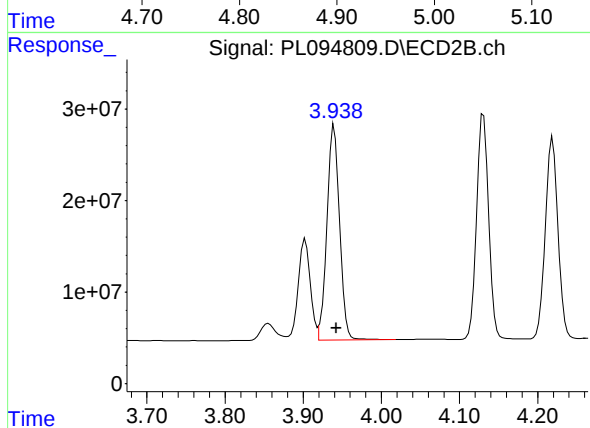
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: -0.002 min
Response: 260384393
Conc: 50.66 ng/ml



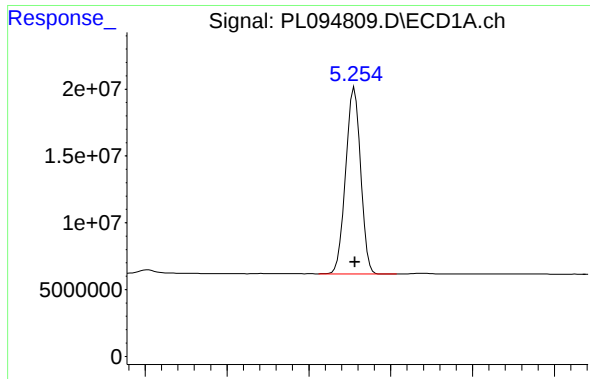
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 184338754
Conc: 47.49 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: -0.003 min
Response: 264114804
Conc: 50.13 ng/ml



#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 178330982
Conc: 48.30 ng/ml

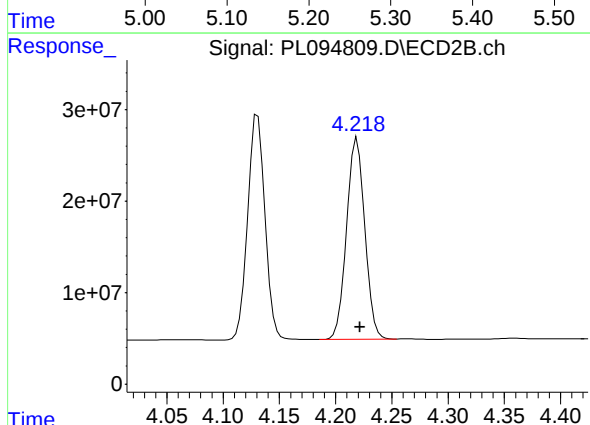
Instrument :
ECD_L
ClientSampleId :
PB167223BS

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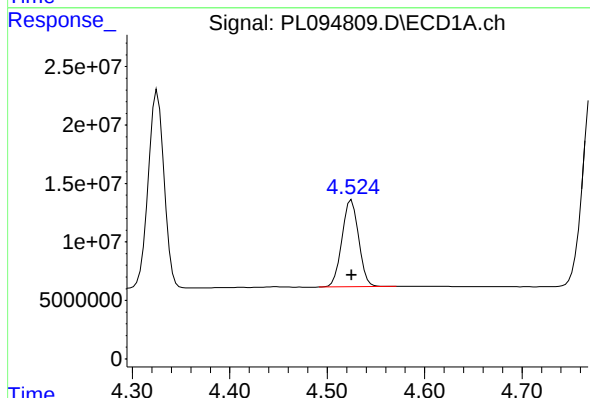
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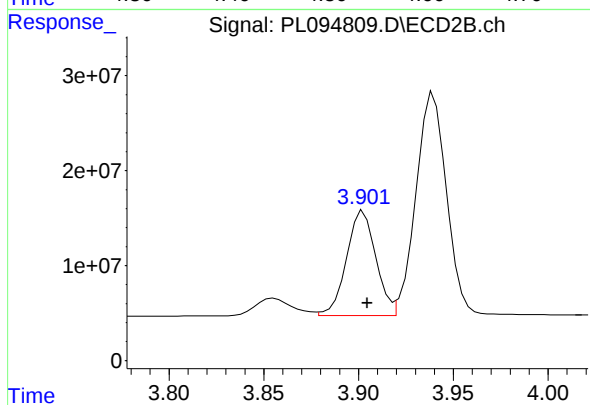
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.003 min
Response: 248252311
Conc: 50.91 ng/ml



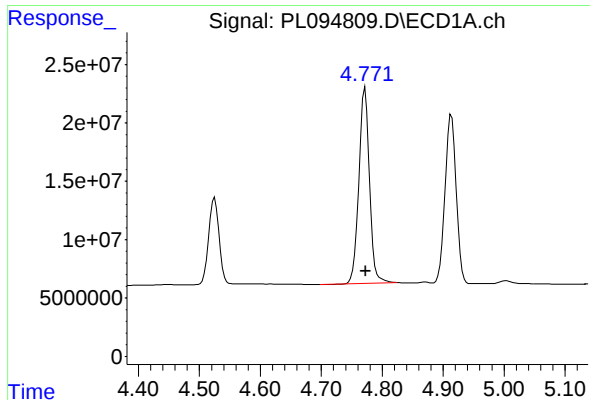
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 88443168
Conc: 47.93 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.002 min
Response: 118836864
Conc: 53.50 ng/ml



#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 202563918
Conc: 52.02 ng/ml

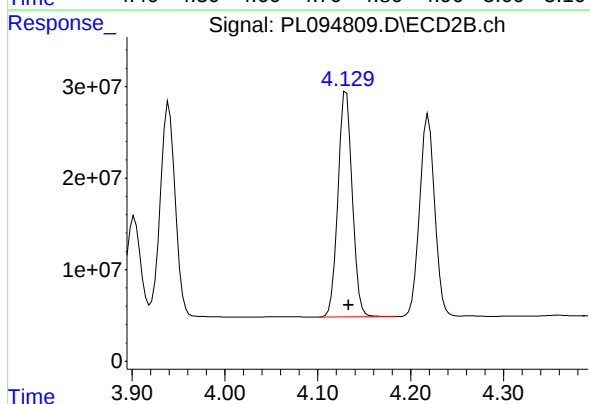
Instrument :
ECD_L
ClientSampleId :
PB167223BS

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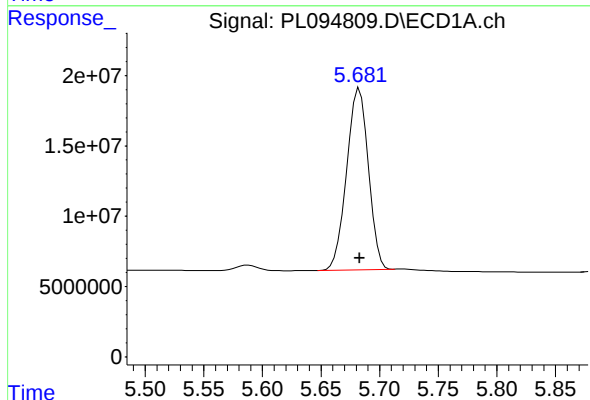
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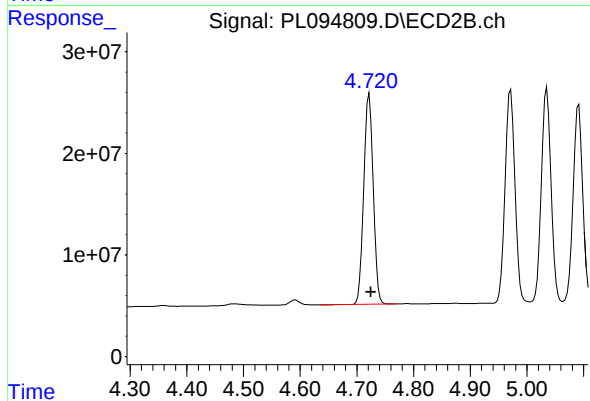
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.003 min
Response: 263360543
Conc: 52.65 ng/ml



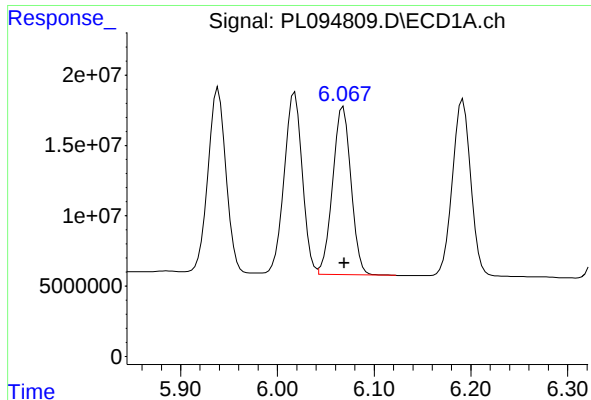
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 166542143
Conc: 49.79 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: -0.003 min
Response: 238666349
Conc: 52.13 ng/ml



#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 158070631
Conc: 51.49 ng/ml

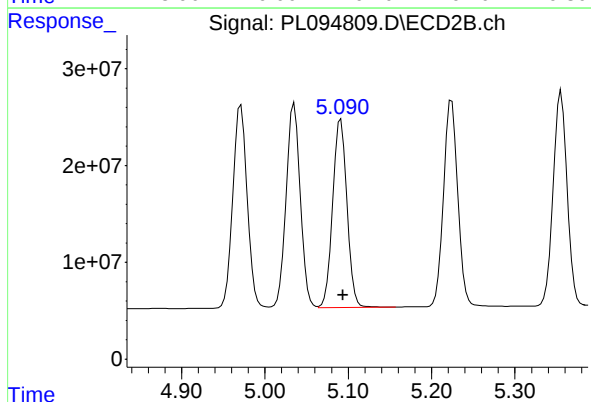
Instrument :
ECD_L
ClientSampleId :
PB167223BS

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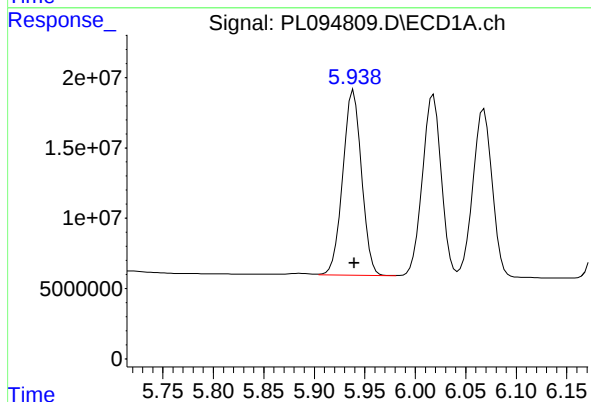
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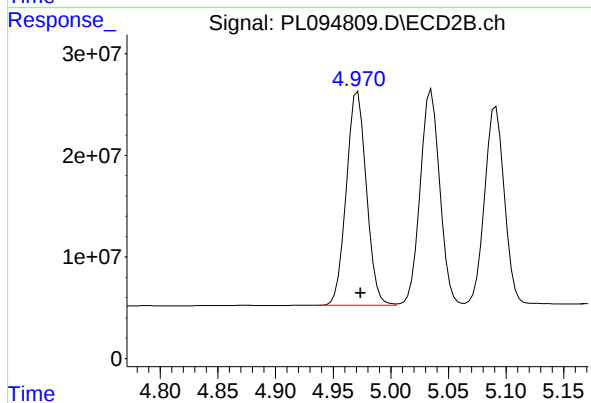
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 232005728
Conc: 52.86 ng/ml



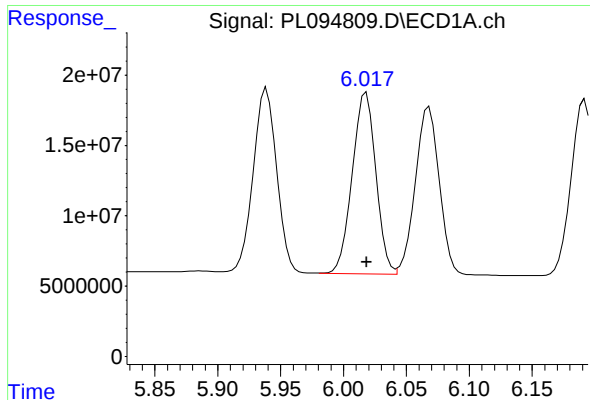
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 170895253
Conc: 50.72 ng/ml



#10 gamma-Chlordane

R.T.: 4.970 min
Delta R.T.: -0.004 min
Response: 253374486
Conc: 52.48 ng/ml m



#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 168588372
Conc: 51.14 ng/ml

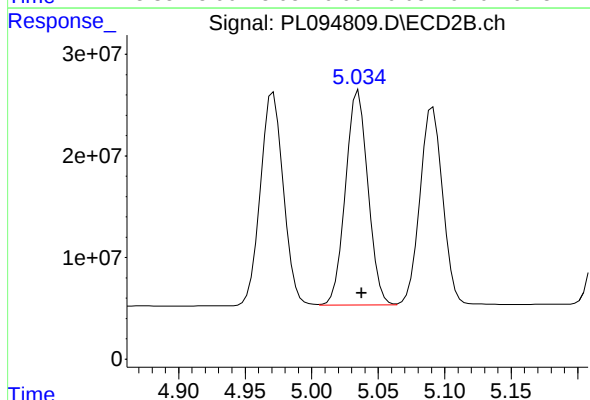
Instrument :
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ClientSampleId :
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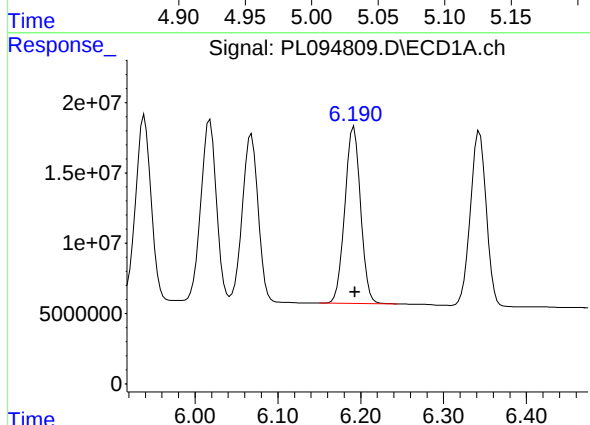
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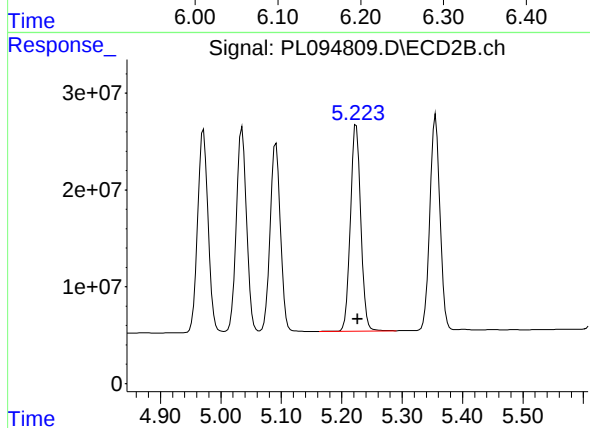
#11 alpha-Chlordane

R.T.: 5.035 min
Delta R.T.: -0.003 min
Response: 248846259
Conc: 52.14 ng/ml



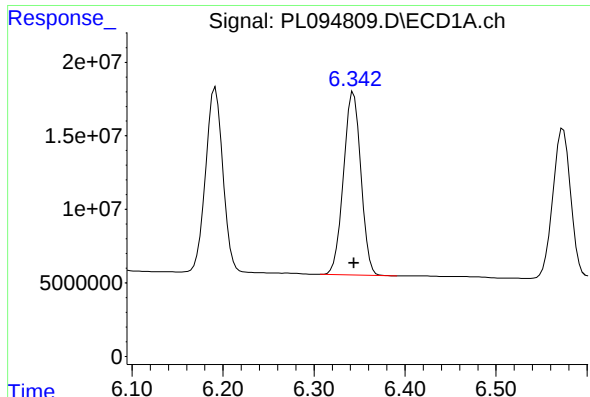
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: -0.001 min
Response: 166163317
Conc: 56.48 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: -0.002 min
Response: 254787786
Conc: 54.81 ng/ml



#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 165708377
Conc: 51.81 ng/ml

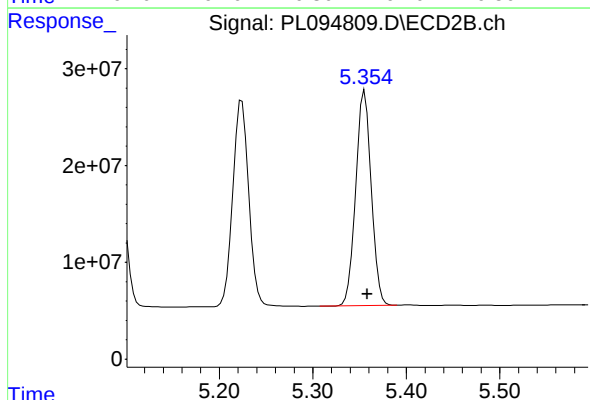
Instrument :
ECD_L
ClientSampleId :
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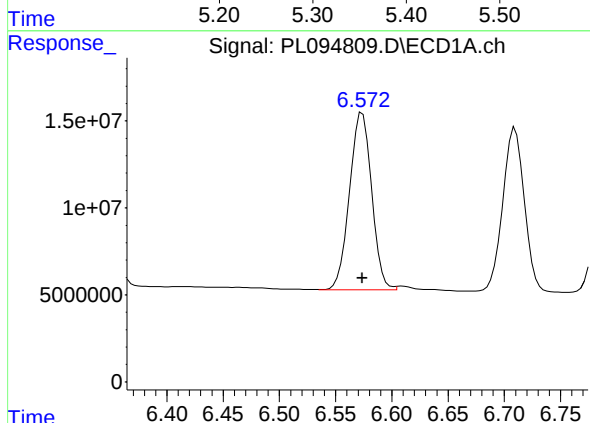
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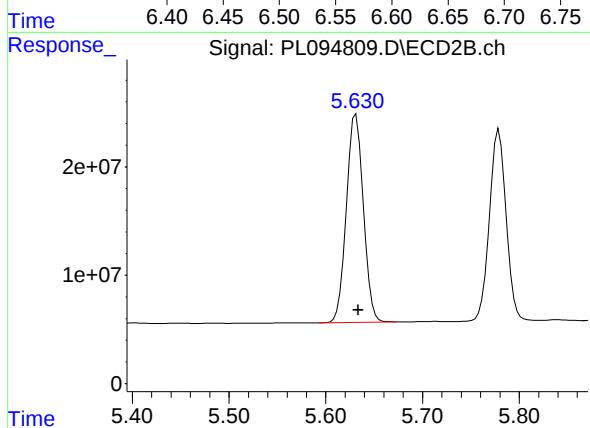
#13 Dieldrin

R.T.: 5.355 min
Delta R.T.: -0.003 min
Response: 257339861
Conc: 53.04 ng/ml



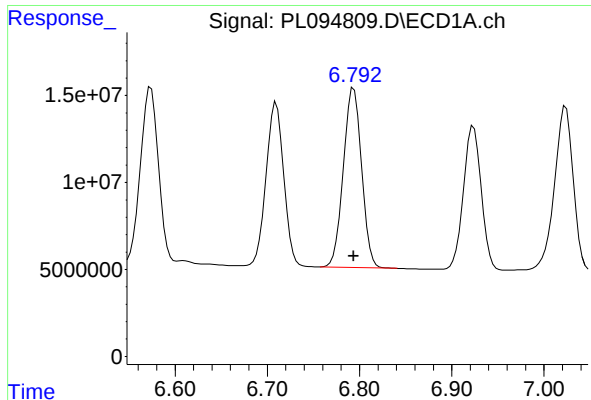
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.001 min
Response: 139152339
Conc: 50.20 ng/ml m



#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.004 min
Response: 233228996
Conc: 53.45 ng/ml m



#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 141816171
Conc: 52.24 ng/ml

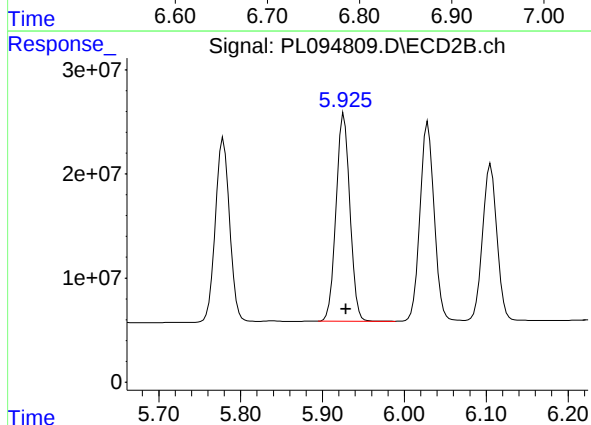
Instrument :
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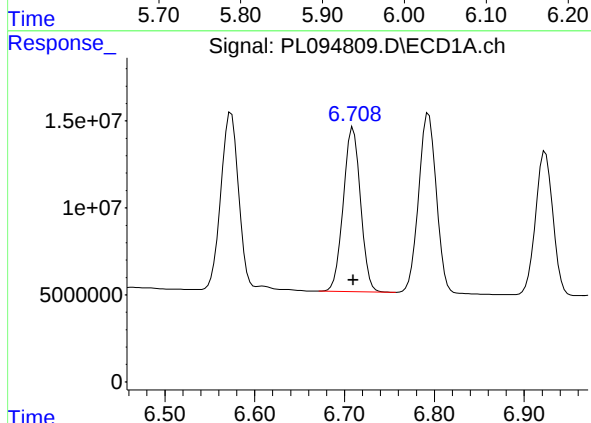
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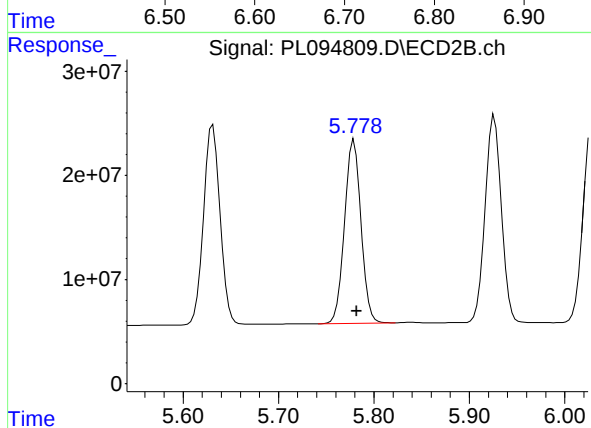
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.002 min
Response: 235273370
Conc: 54.36 ng/ml



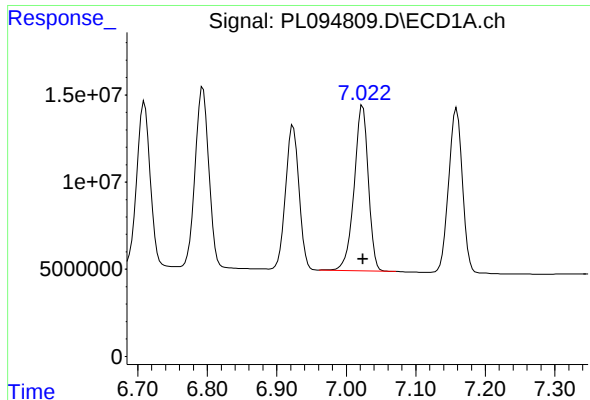
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 125628326
Conc: 58.00 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 212464877
Conc: 59.09 ng/ml



#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 134410806
Conc: 56.51 ng/ml

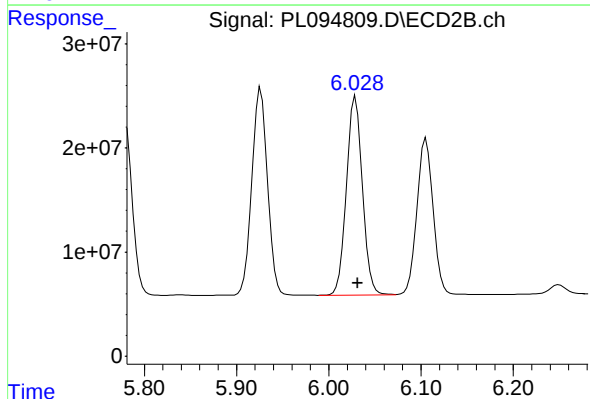
Instrument :
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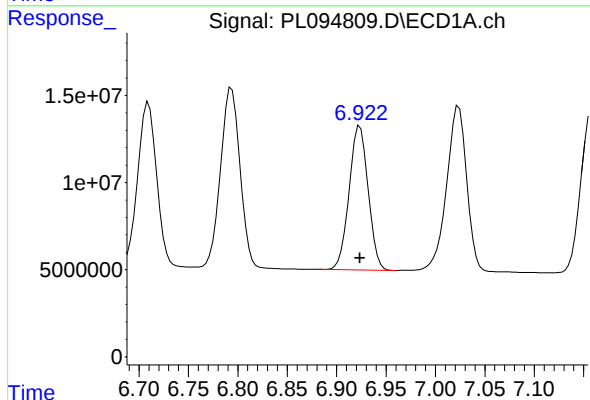
03/25/2025
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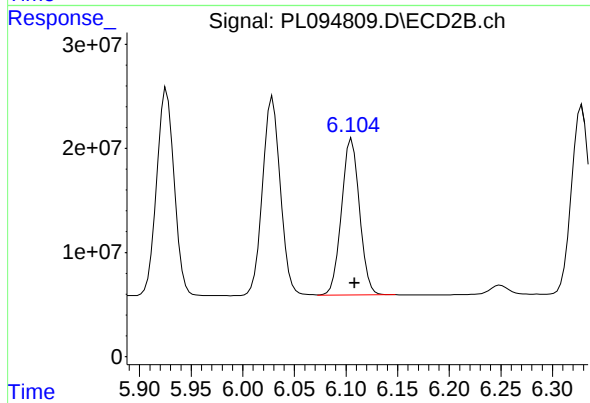
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.003 min
Response: 229218725
Conc: 56.85 ng/ml



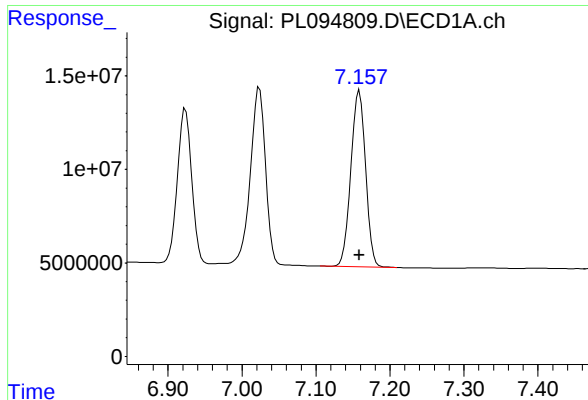
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 110874014
Conc: 52.52 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.003 min
Response: 182516616
Conc: 54.23 ng/ml



#19 Endosulfan Sulfate

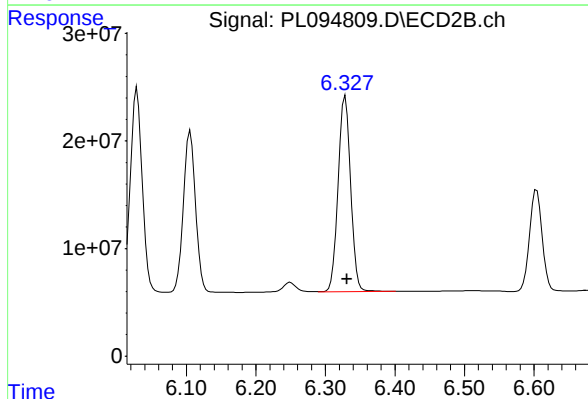
R.T.: 7.159 min
Delta R.T.: 0.000 min
Response: 130098290
Conc: 53.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
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Manual Integrations
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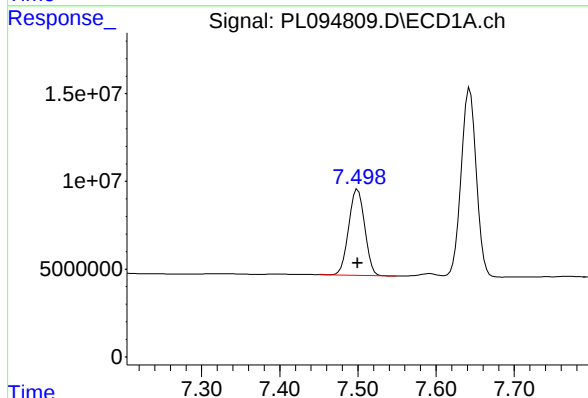
Reviewed By :Abdul
Mirza
03/25/2025

Supervised By :mohammad
ahmed
03/26/2025



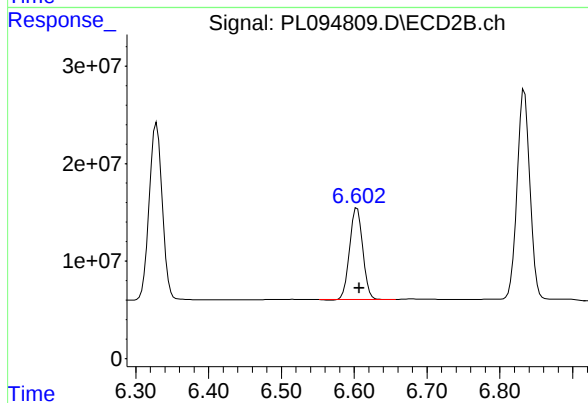
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 227216561
Conc: 55.78 ng/ml



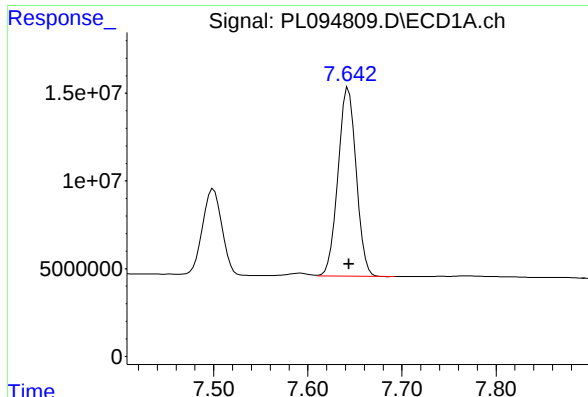
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 69664443
Conc: 58.20 ng/ml



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: -0.003 min
Response: 117376019
Conc: 55.34 ng/ml



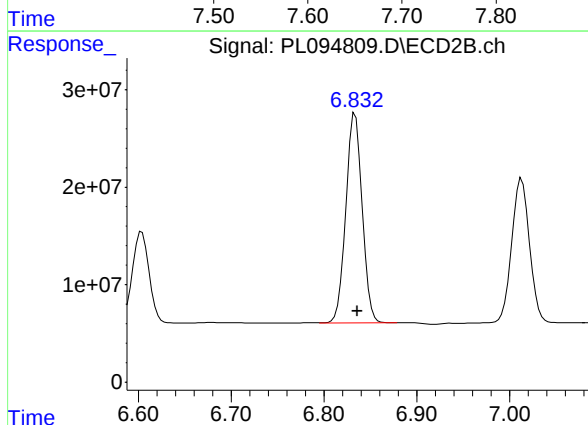
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 144482761
Conc: 54.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167223BS

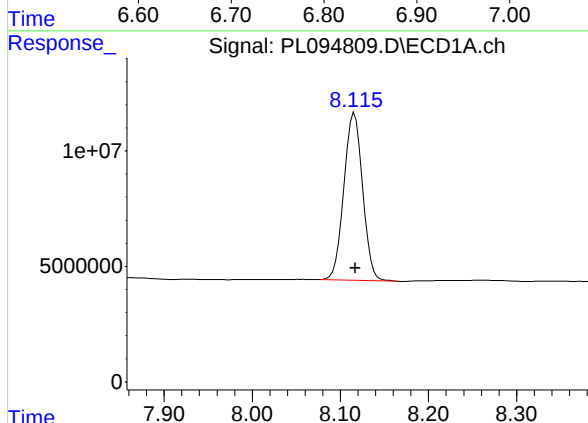
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/25/2025
Supervised By :mohammad ahmed 03/26/2025



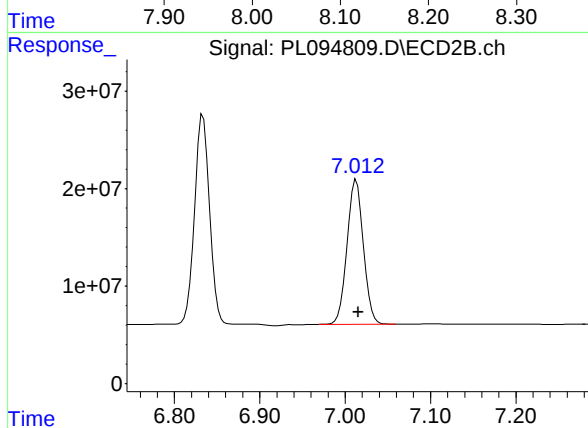
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.004 min
Response: 263481144
Conc: 55.21 ng/ml m



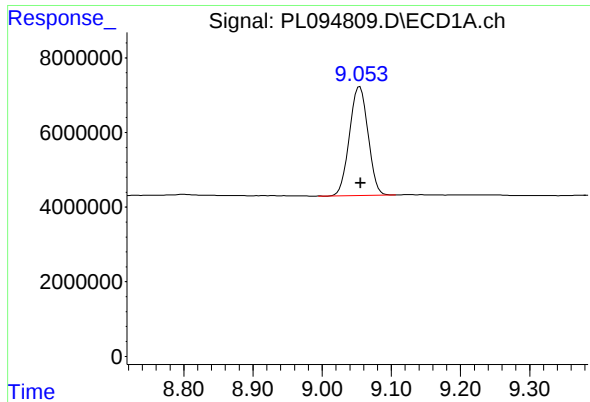
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 107109591
Conc: 51.84 ng/ml



#22 Mirex

R.T.: 7.012 min
Delta R.T.: -0.004 min
Response: 197920615
Conc: 52.15 ng/ml m



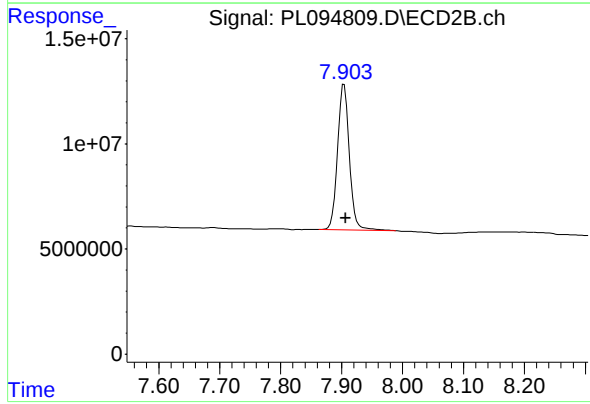
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: -0.001 min
Response: 54424284
Conc: 25.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167223BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/25/2025
Supervised By :mohammad ahmed 03/26/2025



#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.003 min
Response: 93398237
Conc: 23.12 ng/ml