

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022025\
 Data File : PL094293.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 10:16
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/21/2025
 Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 01:34:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 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	2.772	129.4E6	169.9E6	48.058	52.058
28) SA Decachlor...	9.053	7.907	108.4E6	193.1E6	51.822	55.099
Target Compounds						
2) A alpha-BHC	3.993	3.274	192.4E6	262.0E6	50.193	53.586
3) MA gamma-BHC...	4.326	3.604	186.8E6	254.2E6	50.716	53.619
4) MA Heptachlor	4.912	3.942	170.6E6	245.9E6	52.044m	52.830
5) MB Aldrin	5.255	4.221	171.8E6	247.8E6	52.503	54.331
6) B beta-BHC	4.524	3.904	80945065	105.6E6	50.360	52.870
7) B delta-BHC	4.771	4.133	182.4E6	255.1E6	52.039	53.682
8) B Heptachlo...	5.682	4.723	153.1E6	227.2E6	51.486	54.345
9) A Endosulfan I	6.067	5.093	135.9E6	206.0E6	51.403	53.134
10) B gamma-Chl...	5.938	4.973	146.2E6	231.1E6	52.464	54.541
11) B alpha-Chl...	6.016	5.037	145.2E6	228.6E6	52.057	54.609
12) B 4,4'-DDE	6.191	5.226	135.4E6	226.9E6	55.635	56.584
13) MA Dieldrin	6.342	5.357	143.2E6	232.6E6	51.592	54.157
14) MA Endrin	6.571	5.633	113.4E6	190.6E6	48.365m	51.618
15) B Endosulfa...	6.792	5.926	123.2E6	203.5E6	51.133	54.947m
16) A 4,4'-DDD	6.709	5.779	106.2E6	187.1E6	55.881	59.284m
17) MA 4,4'-DDT	7.022	6.031	101.9E6	178.5E6	51.652	54.851
18) B Endrin al...	6.922	6.107	100.4E6	164.9E6	51.642	54.163
19) B Endosulfa...	7.157	6.330	113.9E6	193.5E6	50.319	54.272
20) A Methoxychlor	7.498	6.606	55599546	96426607	53.287	53.926
21) B Endrin ke...	7.642	6.835	130.2E6	235.2E6	51.621	56.074
22) Mirex	8.115	7.015	103.6E6	184.6E6	49.743	54.572

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022025\
Data File : PL094293.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 10:16
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

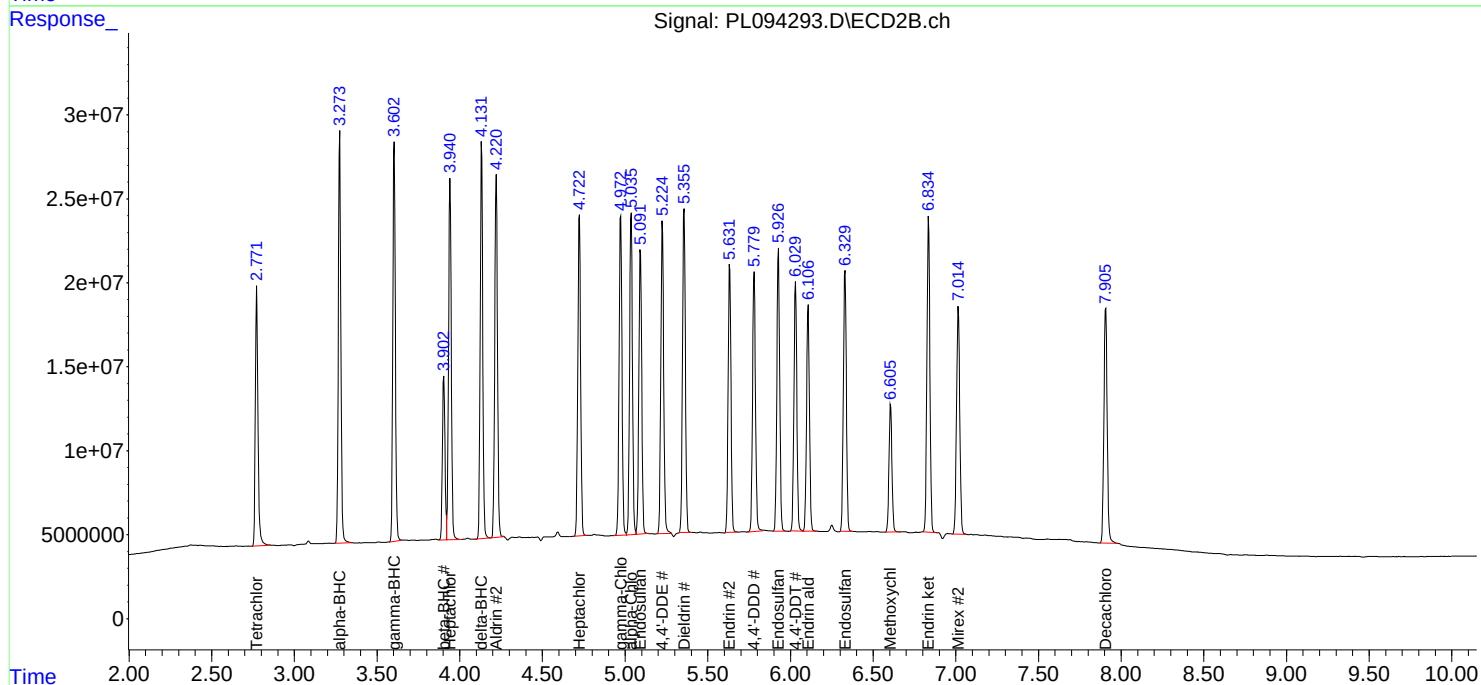
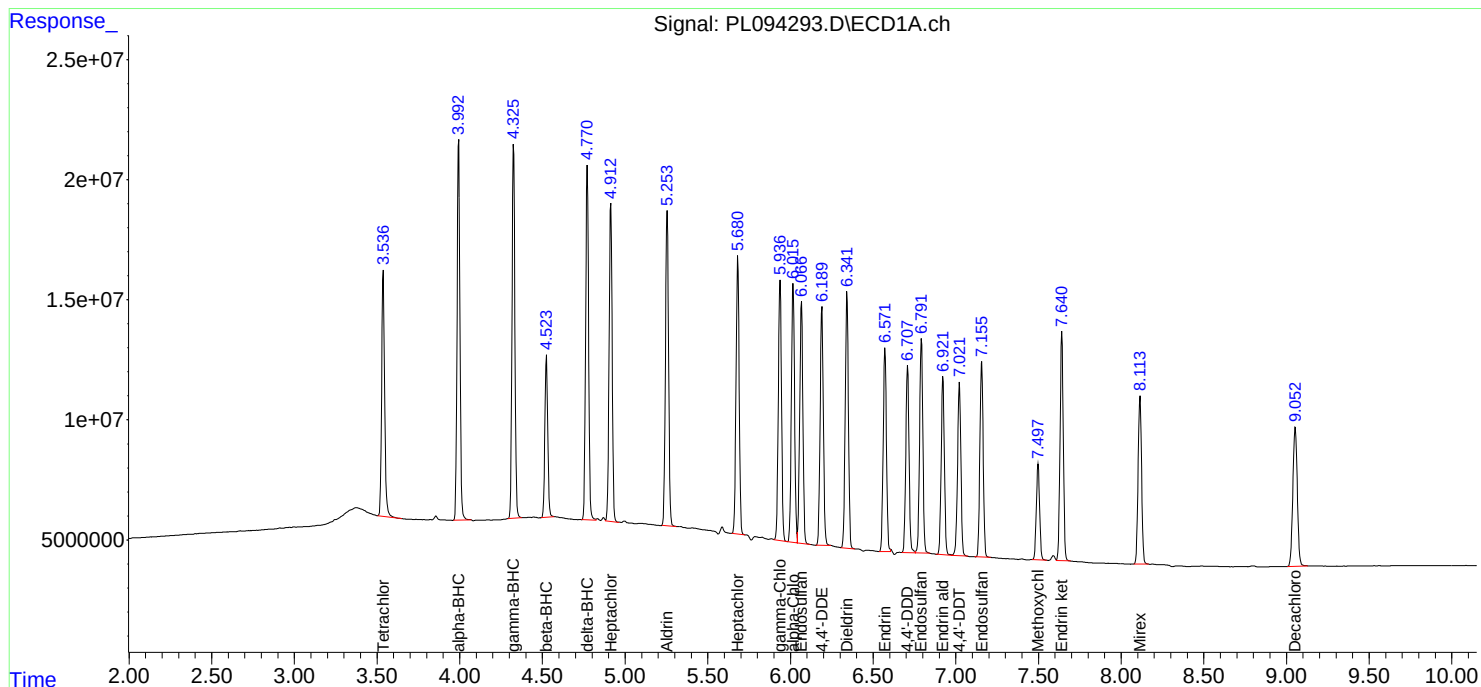
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

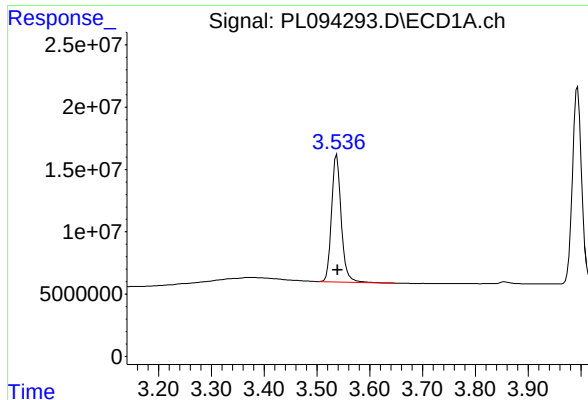
Manual Integrations
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Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 01:34:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 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





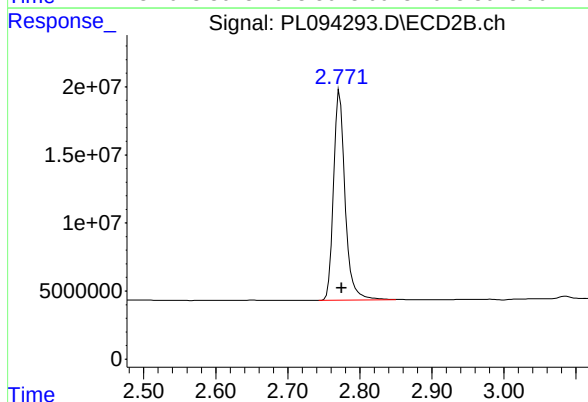
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.002 min
Response: 129408406
Conc: 48.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

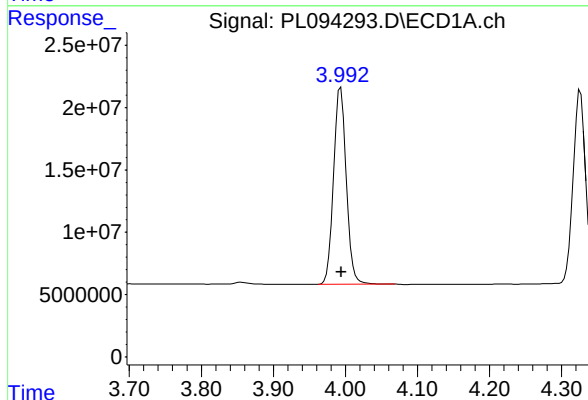
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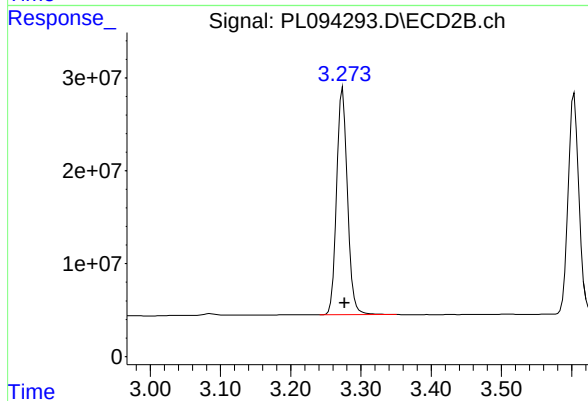
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: -0.002 min
Response: 169925642
Conc: 52.06 ng/ml



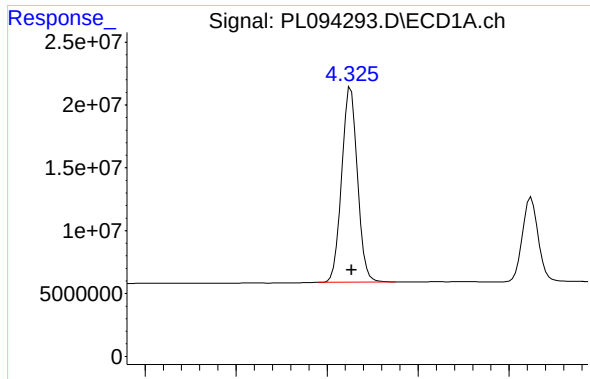
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 192431603
Conc: 50.19 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: -0.003 min
Response: 261982501
Conc: 53.59 ng/ml



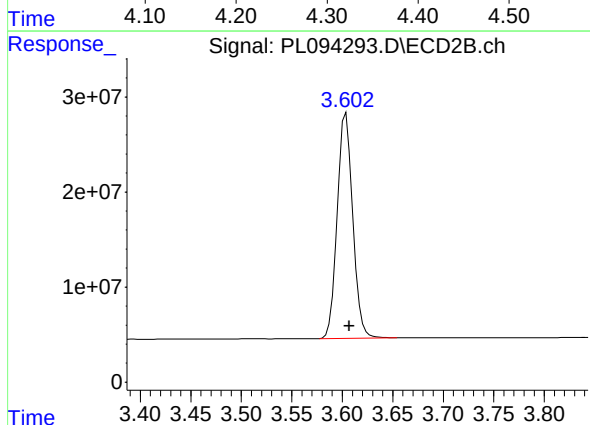
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: -0.001 min
Response: 186780143
Conc: 50.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

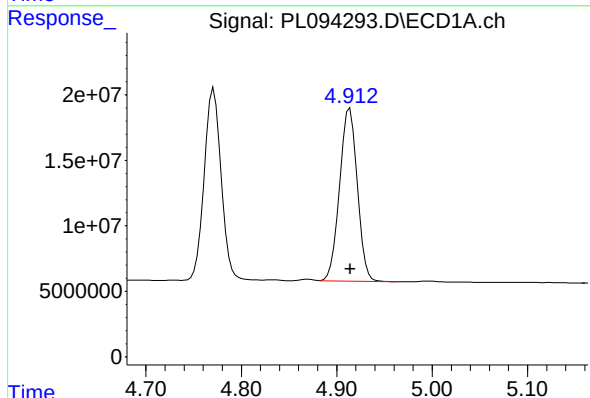
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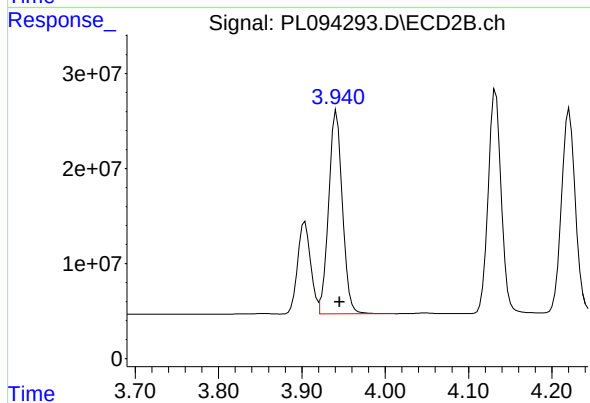
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: -0.003 min
Response: 254220534
Conc: 53.62 ng/ml



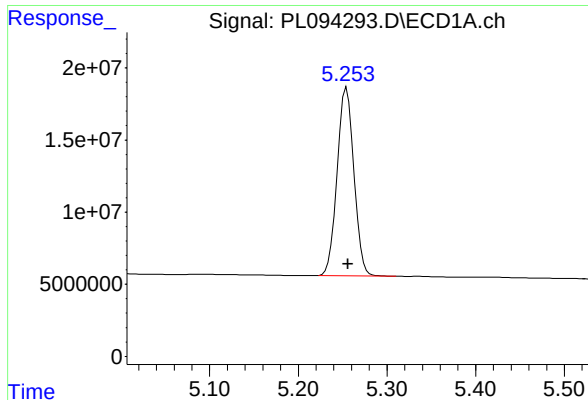
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.002 min
Response: 170564564
Conc: 52.04 ng/ml m



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: -0.004 min
Response: 245911706
Conc: 52.83 ng/ml



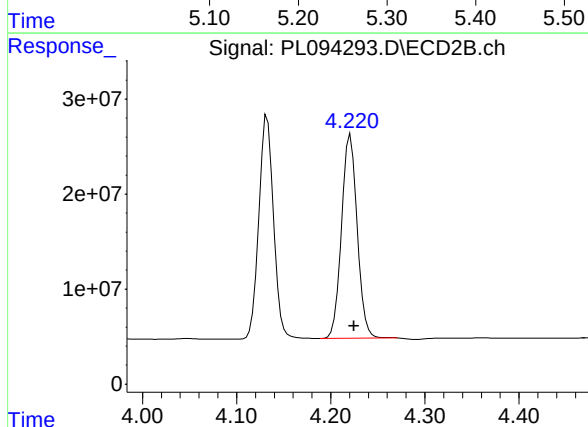
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: -0.001 min
Response: 171789005
Conc: 52.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

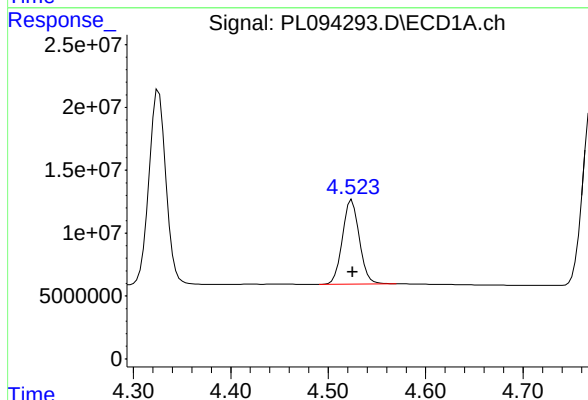
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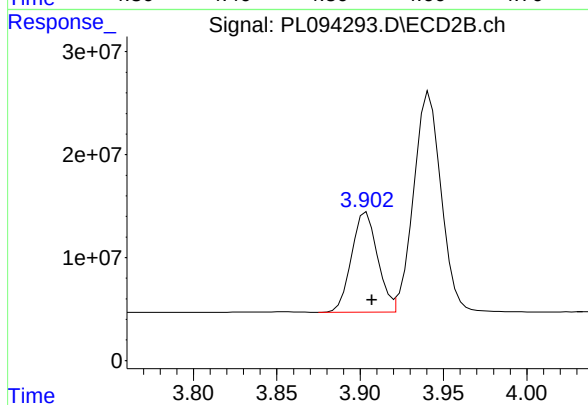
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: -0.004 min
Response: 247847712
Conc: 54.33 ng/ml



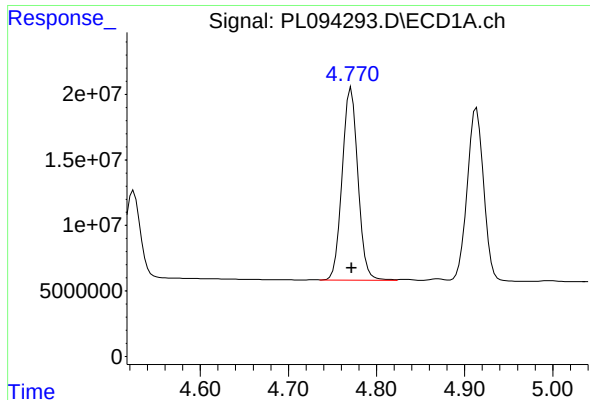
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 80945065
Conc: 50.36 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: -0.003 min
Response: 105605347
Conc: 52.87 ng/ml



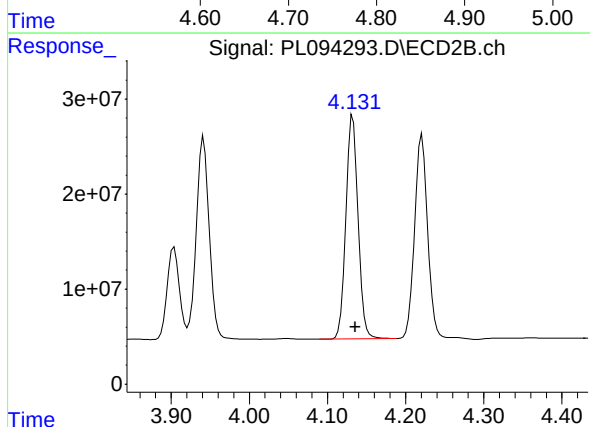
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 182410711
Conc: 52.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

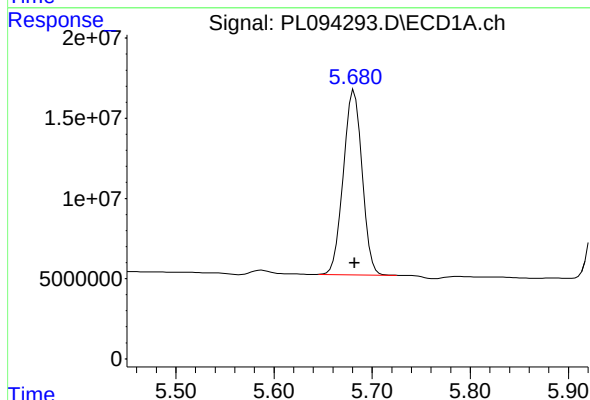
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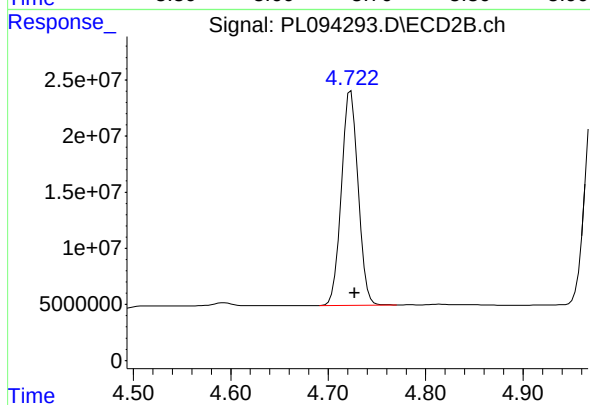
#7 delta-BHC

R.T.: 4.133 min
Delta R.T.: -0.003 min
Response: 255054037
Conc: 53.68 ng/ml



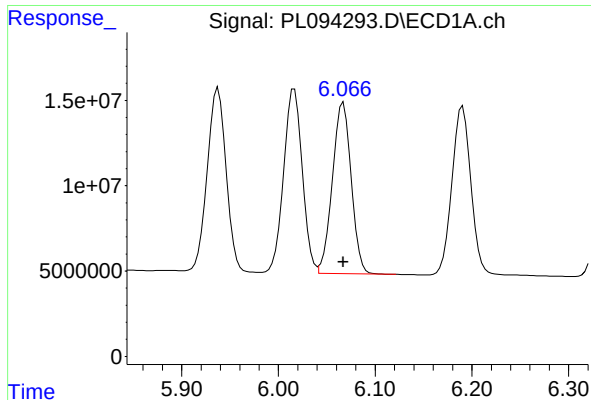
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 153109569
Conc: 51.49 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: -0.004 min
Response: 227174529
Conc: 54.34 ng/ml



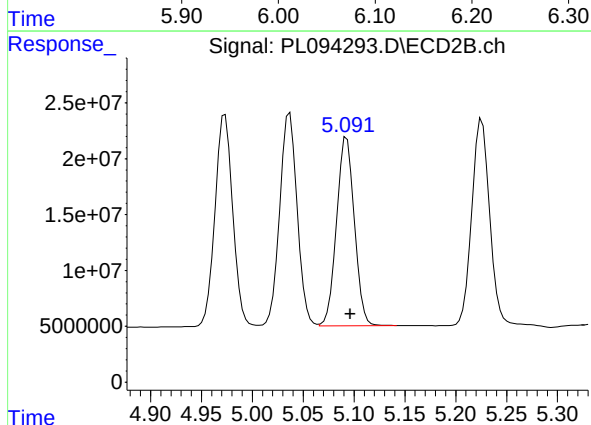
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 135851909
Conc: 51.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

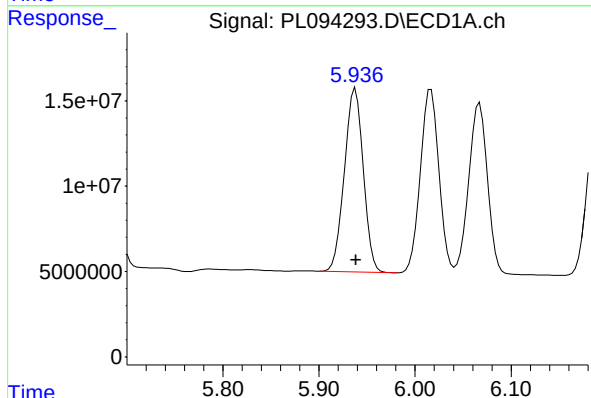
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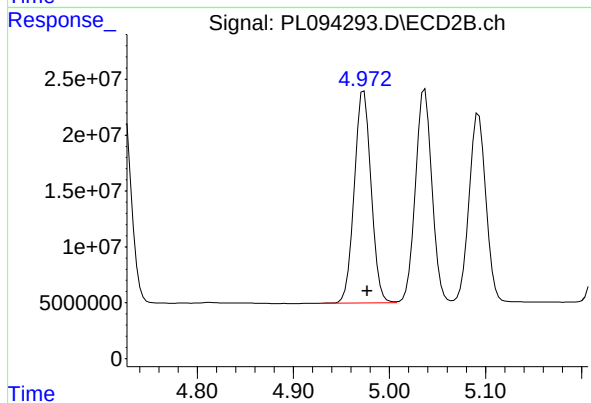
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: -0.004 min
Response: 205996950
Conc: 53.13 ng/ml



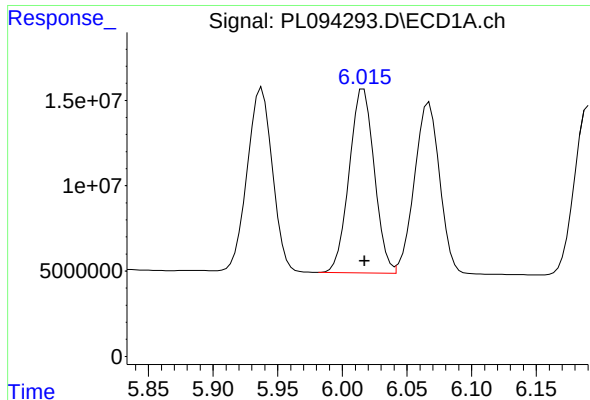
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 146237049
Conc: 52.46 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: -0.004 min
Response: 231124599
Conc: 54.54 ng/ml



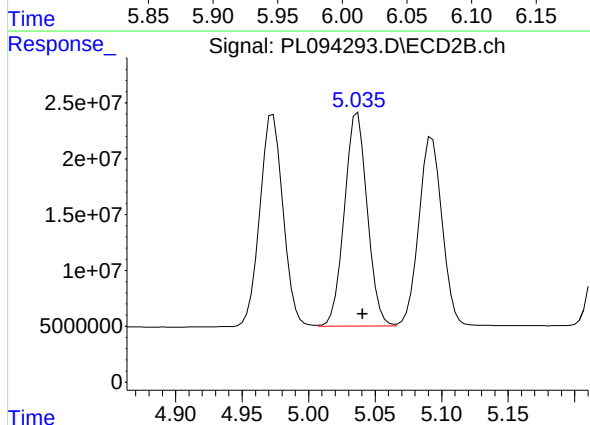
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 145156571
Conc: 52.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

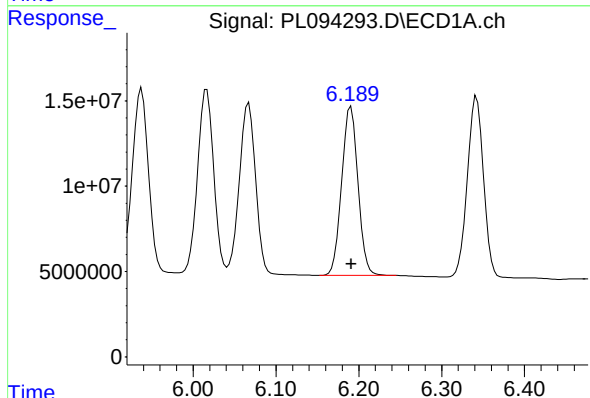
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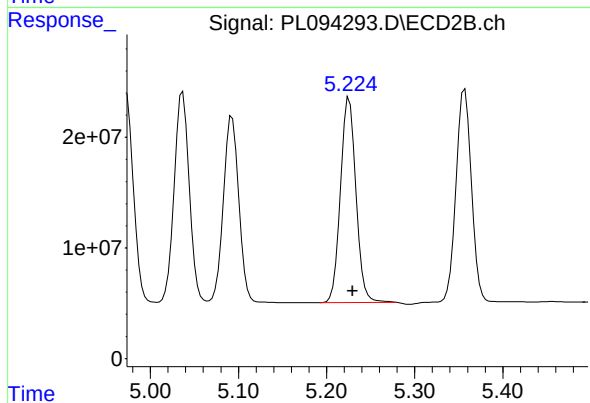
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: -0.004 min
Response: 228622597
Conc: 54.61 ng/ml



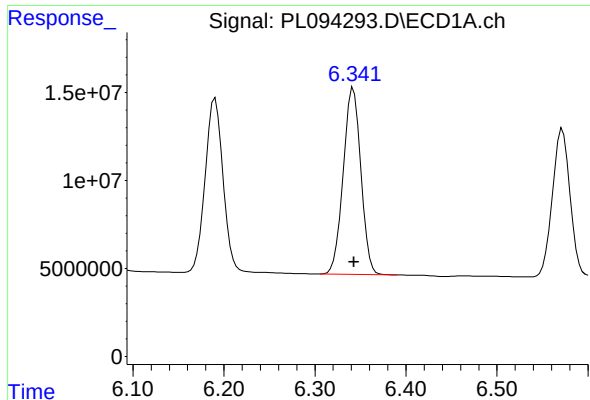
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 135448434
Conc: 55.63 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: -0.004 min
Response: 226871374
Conc: 56.58 ng/ml



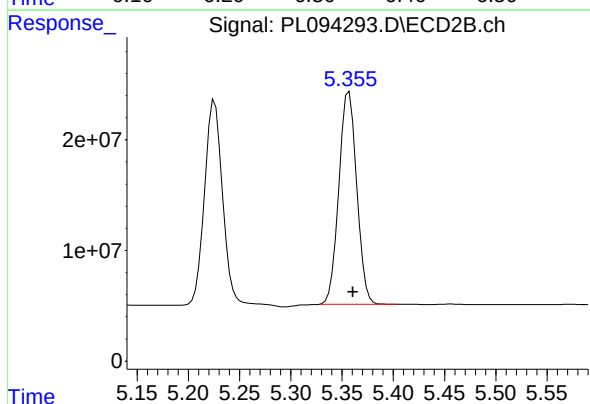
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: 0.000 min
Response: 143211298
Conc: 51.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

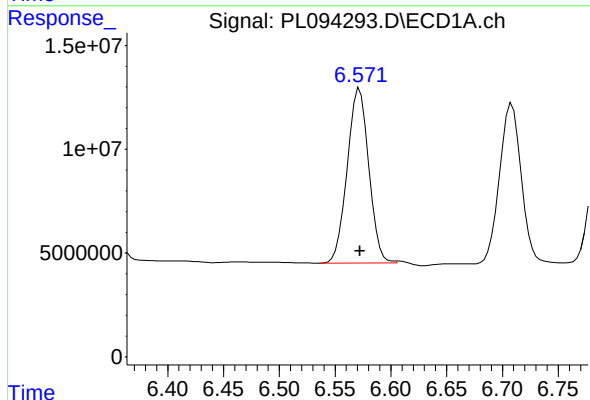
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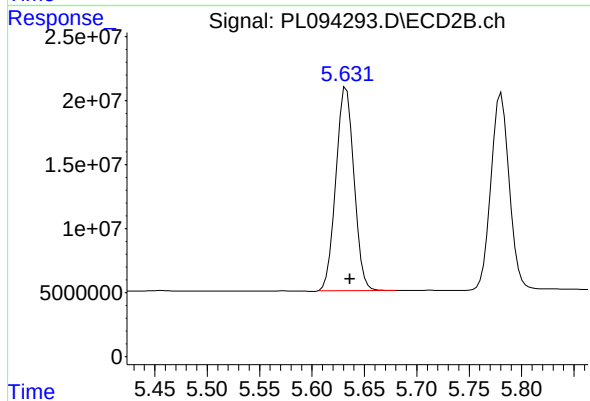
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: -0.004 min
Response: 232641139
Conc: 54.16 ng/ml



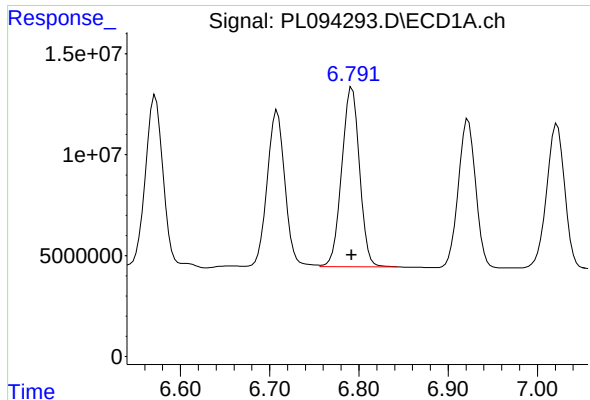
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 113407020
Conc: 48.36 ng/ml m



#14 Endrin

R.T.: 5.633 min
Delta R.T.: -0.004 min
Response: 190607667
Conc: 51.62 ng/ml



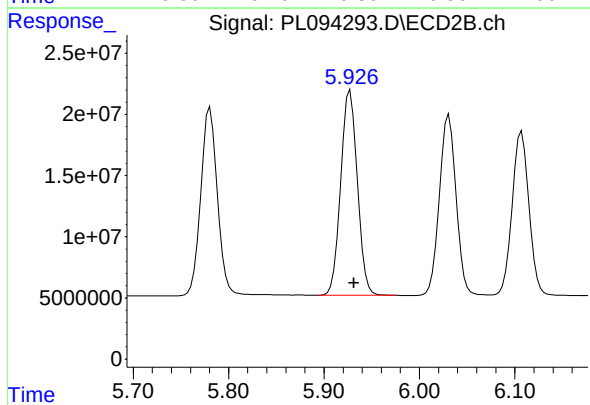
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 123196410
Conc: 51.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

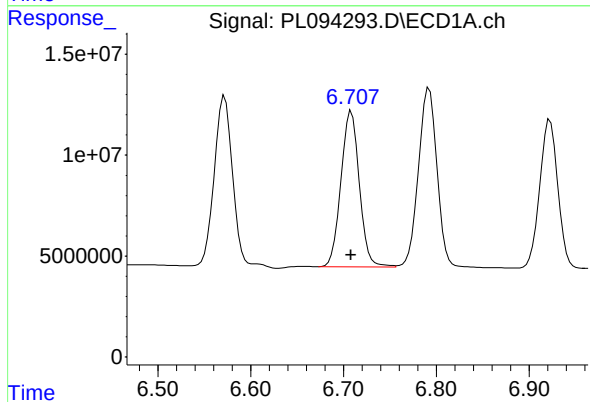
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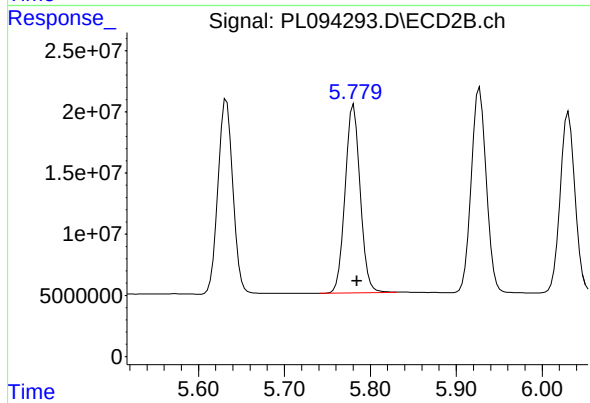
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.005 min
Response: 203514097
Conc: 54.95 ng/ml m



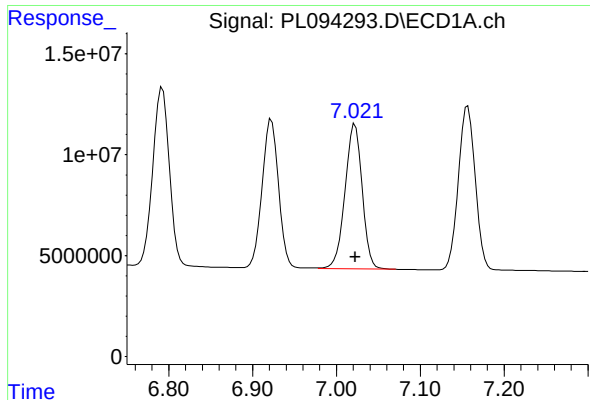
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 106206143
Conc: 55.88 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.005 min
Response: 187133040
Conc: 59.28 ng/ml m



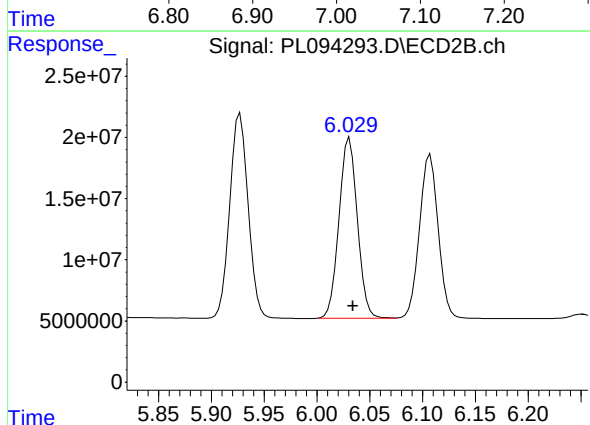
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 101861229
Conc: 51.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

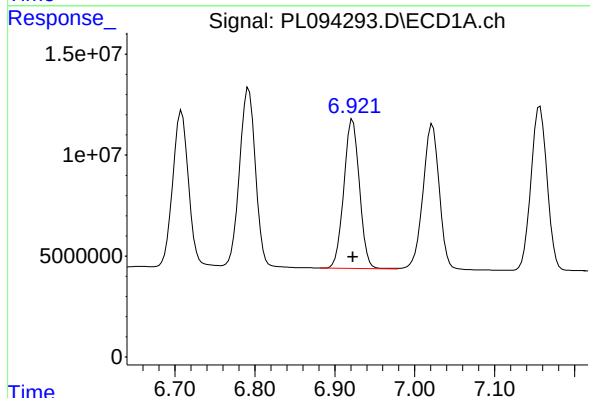
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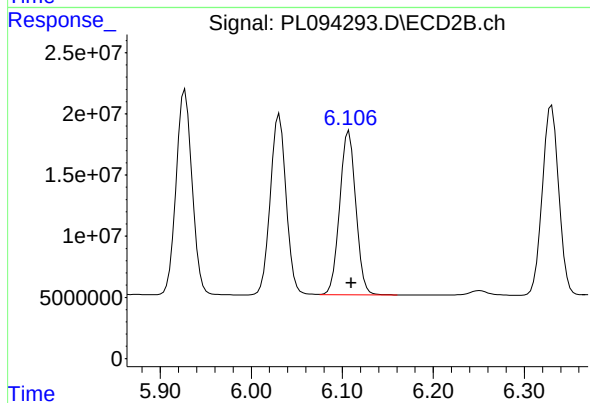
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: -0.003 min
Response: 178487845
Conc: 54.85 ng/ml



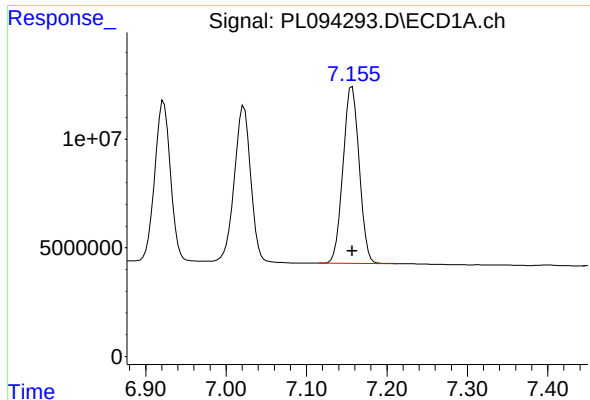
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 100393977
Conc: 51.64 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: -0.003 min
Response: 164905832
Conc: 54.16 ng/ml



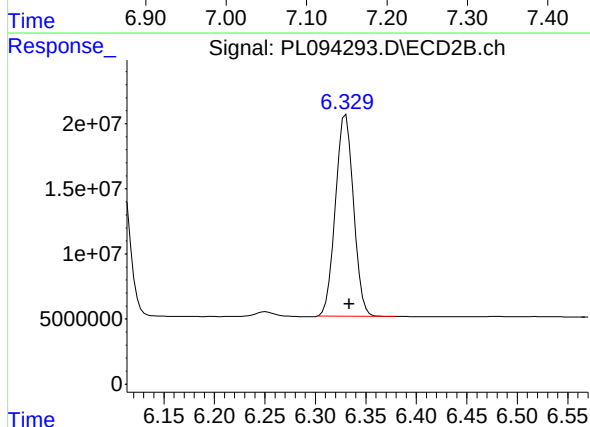
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 113910176
Conc: 50.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

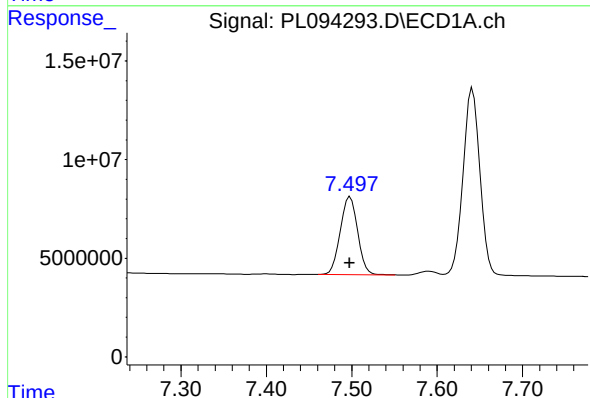
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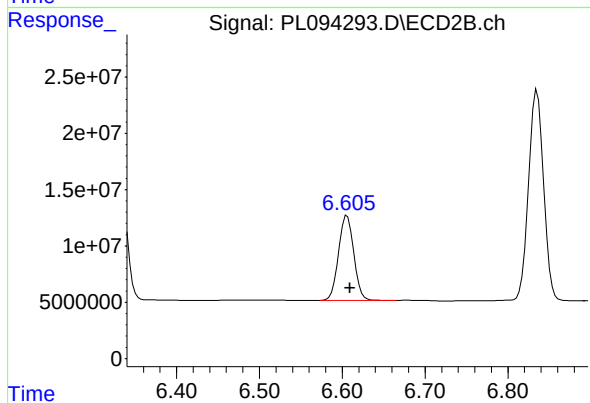
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: -0.003 min
Response: 193537667
Conc: 54.27 ng/ml



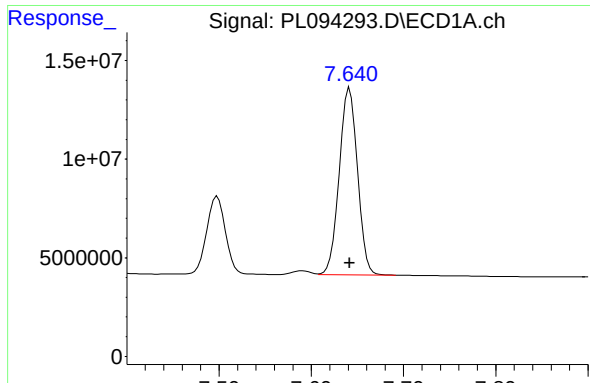
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 55599546
Conc: 53.29 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: -0.003 min
Response: 96426607
Conc: 53.93 ng/ml



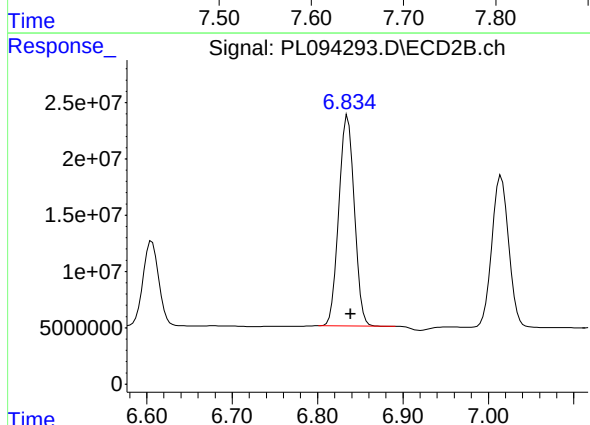
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 130221280
Conc: 51.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

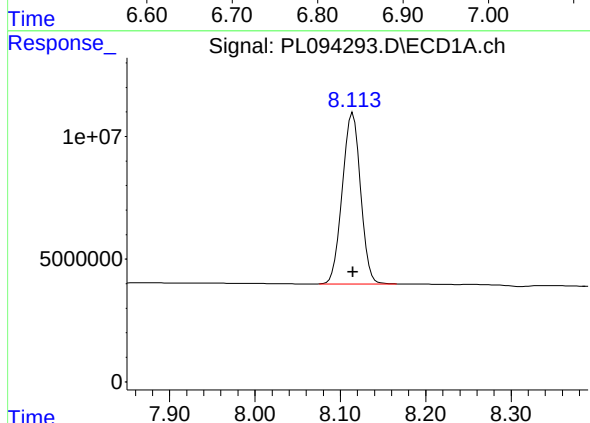
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APPROVED

Reviewed By :Abdul Mirza 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



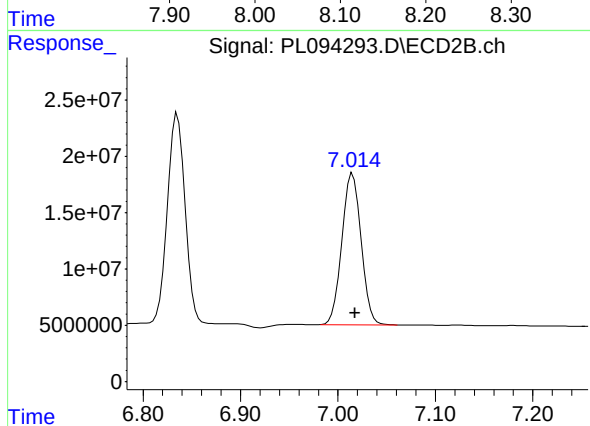
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: -0.004 min
Response: 235244201
Conc: 56.07 ng/ml



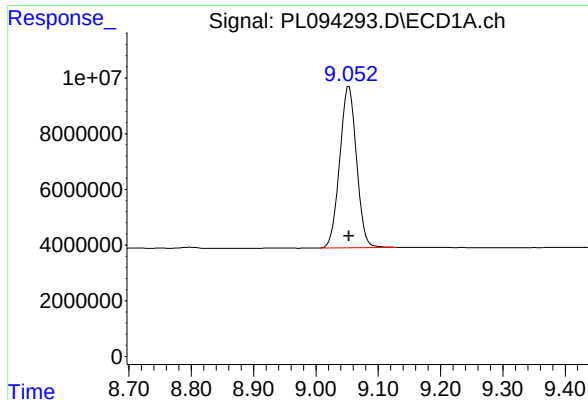
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 103589944
Conc: 49.74 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: -0.002 min
Response: 184555441
Conc: 54.57 ng/ml



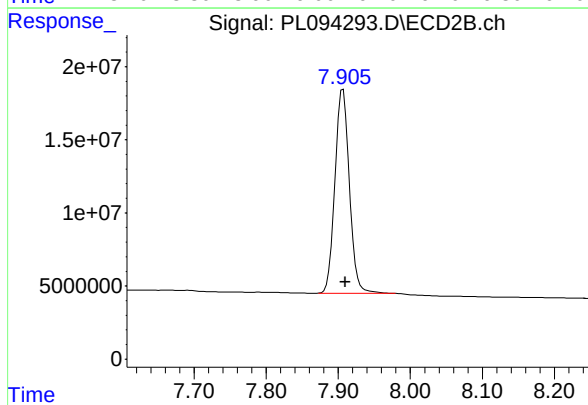
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.000 min
Response: 108406137
Conc: 51.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: -0.003 min
Response: 193068890
Conc: 55.10 ng/ml