

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021225\
 Data File : PL094154.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Feb 2025 09:31
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/13/2025
 Supervised By :Ankita Jodhani 02/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 13 00:31:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021225.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...	3.538	2.773	137.8E6	175.8E6	51.166	53.867
28)	SA Decachlor...	9.054	7.908	96580411	173.1E6	46.168	49.413
Target Compounds							
2)	A alpha-BHC	3.995	3.276	196.7E6	267.6E6	51.318	54.733
3)	MA gamma-BHC...	4.327	3.606	189.2E6	258.1E6	51.367	54.441
4)	MA Heptachlor	4.915	3.944	170.6E6	247.2E6	52.044	53.096
5)	MB Aldrin	5.257	4.224	170.5E6	247.3E6	52.116	54.219
6)	B beta-BHC	4.525	3.906	81210683	106.6E6	50.525	53.359
7)	B delta-BHC	4.773	4.135	179.3E6	253.5E6	51.158	53.358
8)	B Heptachlo...	5.683	4.726	149.9E6	224.7E6	50.394	53.764
9)	A Endosulfan I	6.069	5.096	130.3E6	199.0E6	49.311	51.321
10)	B gamma-Chl...	5.939	4.976	140.3E6	230.8E6	50.341	54.467
11)	B alpha-Chl...	6.018	5.040	139.0E6	225.8E6	49.863	53.946
12)	B 4,4'-DDE	6.192	5.228	129.2E6	225.5E6	53.078	56.235
13)	MA Dieldrin	6.344	5.360	135.6E6	230.1E6	48.845	53.572
14)	MA Endrin	6.572	5.635	111.1E6	197.1E6	47.396m	53.384
15)	B Endosulfa...	6.794	5.930	114.2E6	198.1E6	47.389	53.495
16)	A 4,4'-DDD	6.710	5.783	103.7E6	186.3E6	54.571	59.023
17)	MA 4,4'-DDT	7.023	6.034	98507449	177.7E6	49.952	54.608
18)	B Endrin al...	6.924	6.110	93218217	158.1E6	47.950	51.932
19)	B Endosulfa...	7.158	6.333	106.0E6	187.3E6	46.829	52.528
20)	A Methoxychlor	7.499	6.609	53458923	94021008	51.235	52.580
21)	B Endrin ke...	7.643	6.838	121.2E6	221.7E6	48.060	52.847
22)	Mirex	8.116	7.018	95865266	175.8E6	46.034	51.981

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021225\
Data File : PL094154.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Feb 2025 09:31
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

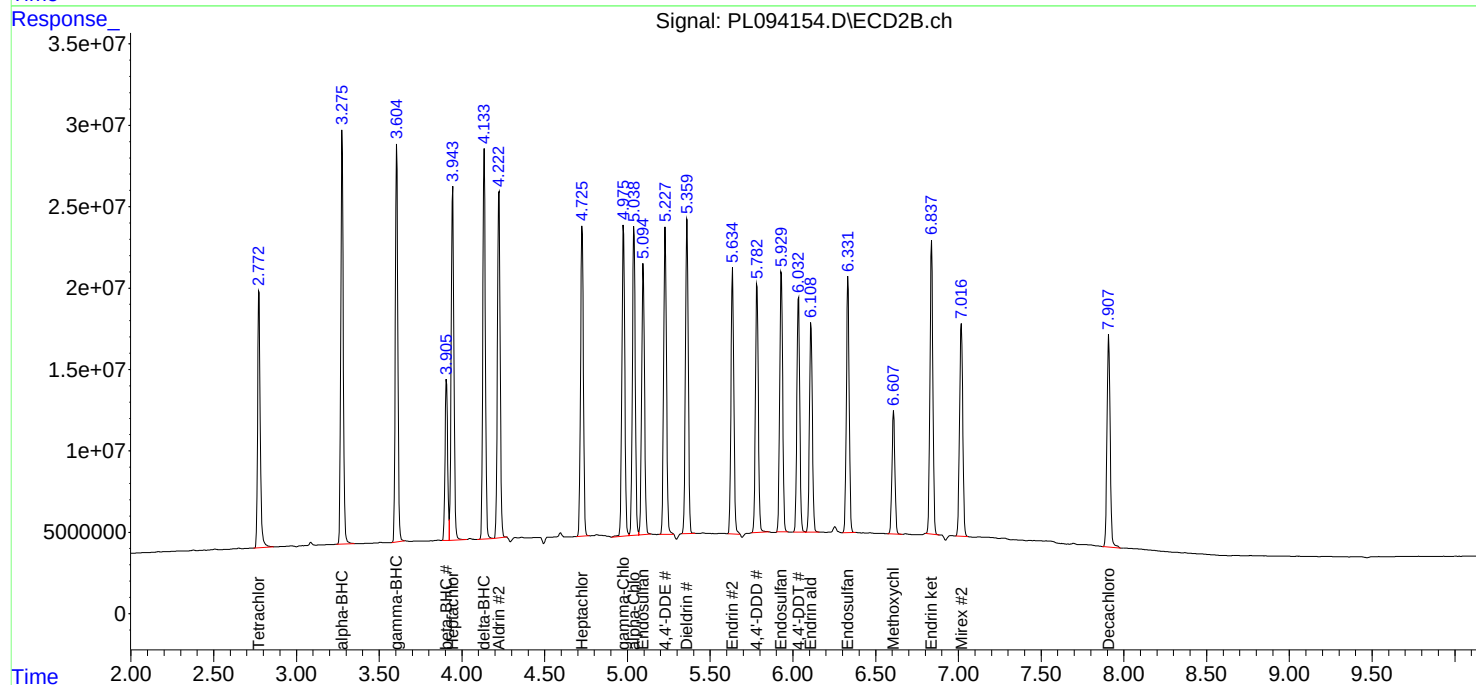
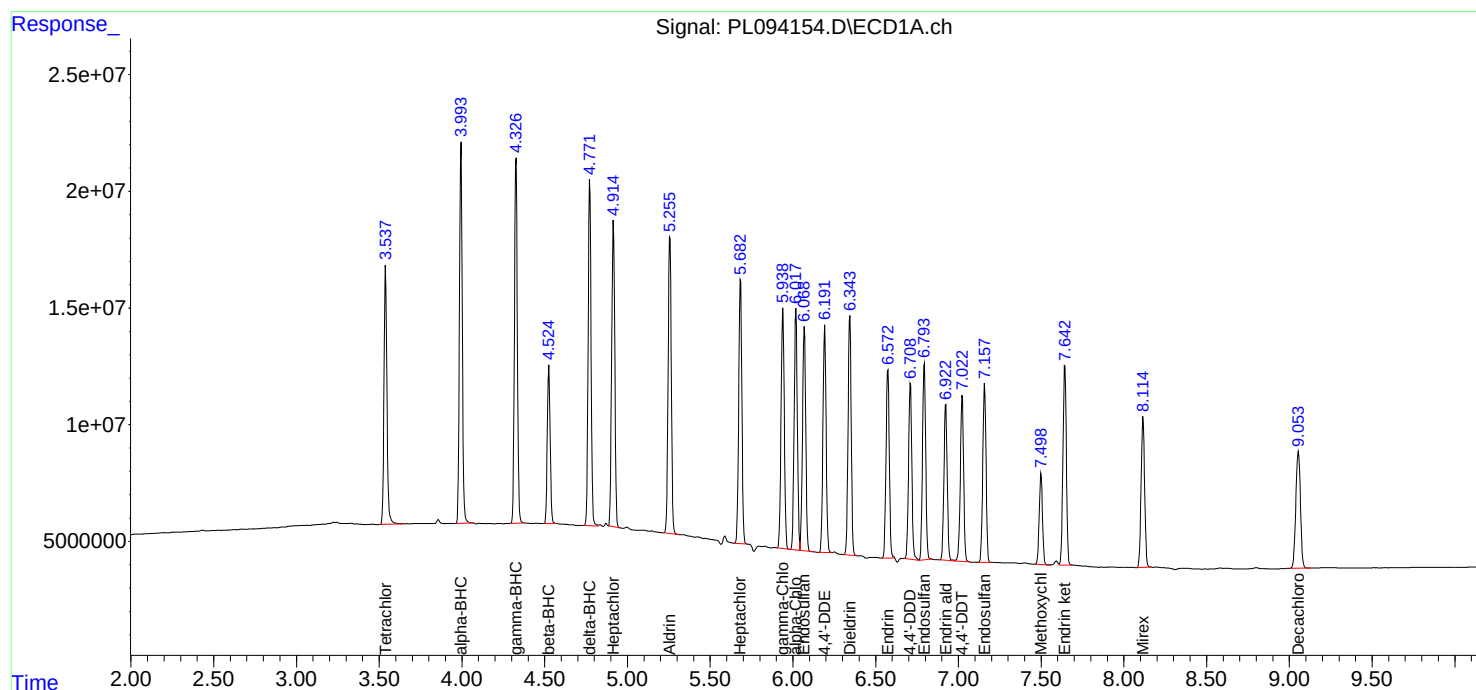
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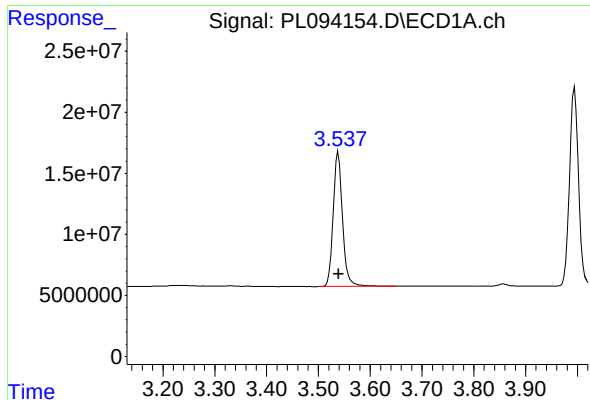
Reviewed By :Abdul Mirza 02/13/2025

Supervised By :Ankita Jodhani 02/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 13 00:31:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021225.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 2025
Response via : Initial Calibration
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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.: 3.538 min
Delta R.T.: 0.000 min
Response: 137777046
Conc: 51.17 ng/ml

Instrument :

ECD_L

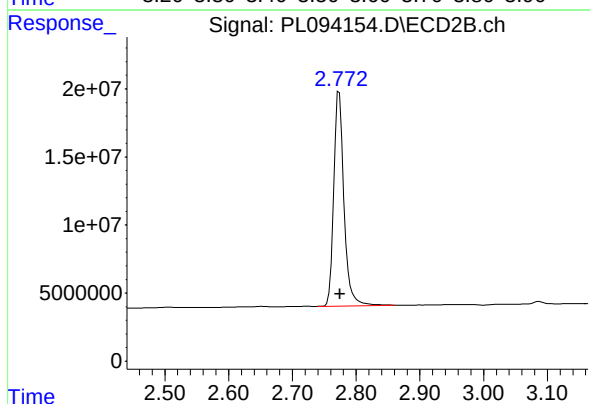
ClientSampleId :

PSTDCCC050

Manual Integrations

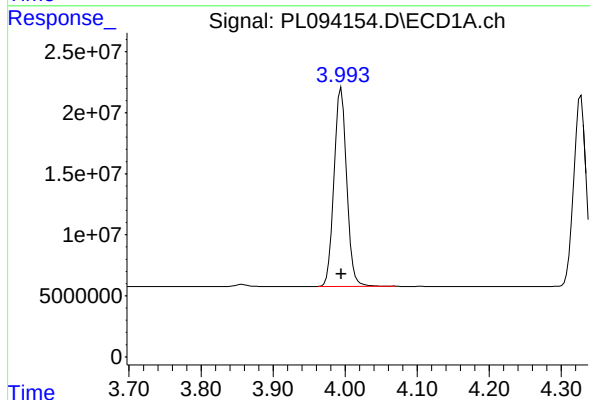
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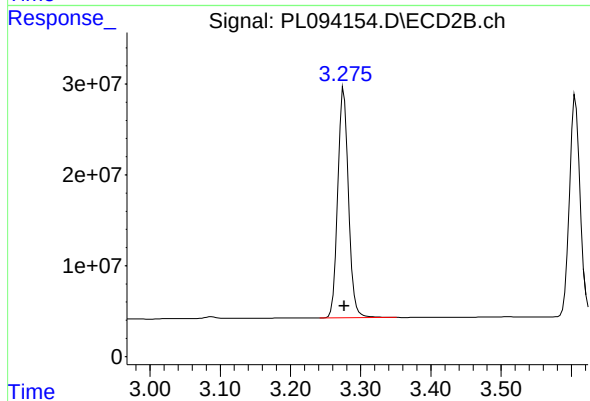
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: 0.000 min
Response: 175830475
Conc: 53.87 ng/ml



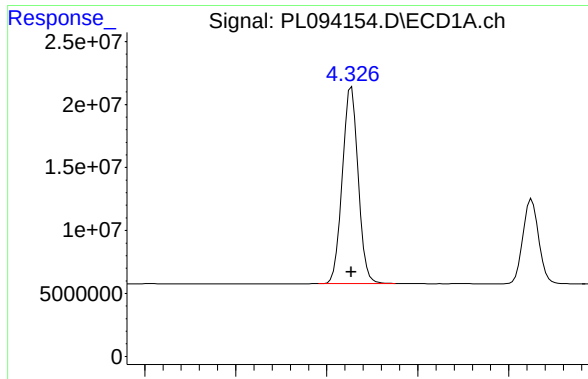
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 196745626
Conc: 51.32 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 267589227
Conc: 54.73 ng/ml



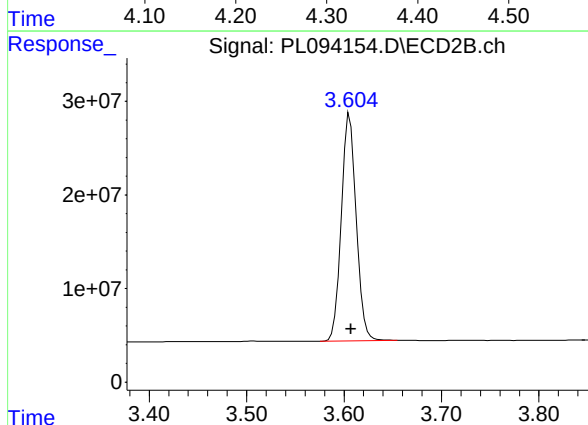
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 189178228
Conc: 51.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

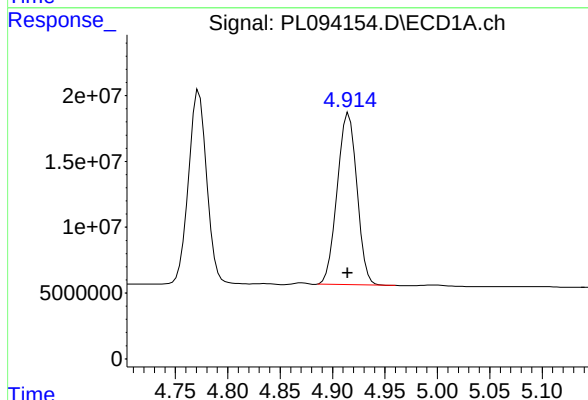
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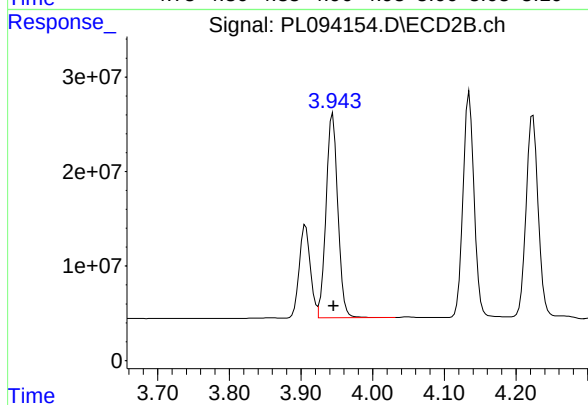
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: -0.001 min
Response: 258116979
Conc: 54.44 ng/ml



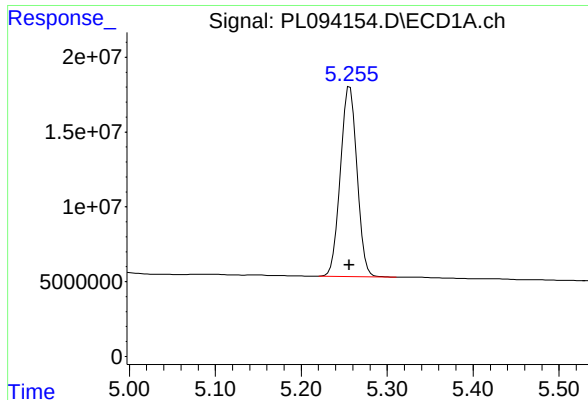
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 170565812
Conc: 52.04 ng/ml



#4 Heptachlor

R.T.: 3.944 min
Delta R.T.: 0.000 min
Response: 247150238
Conc: 53.10 ng/ml



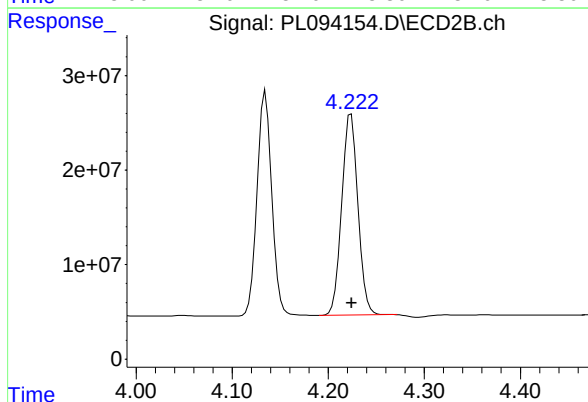
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 170522053
Conc: 52.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

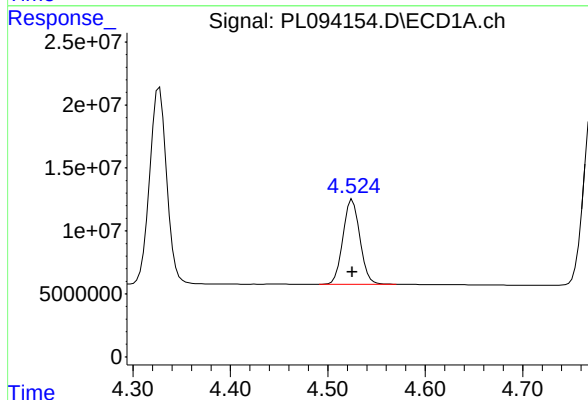
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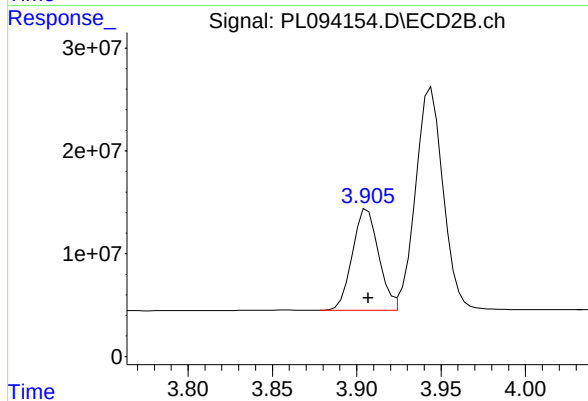
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: 0.000 min
Response: 247338269
Conc: 54.22 ng/ml



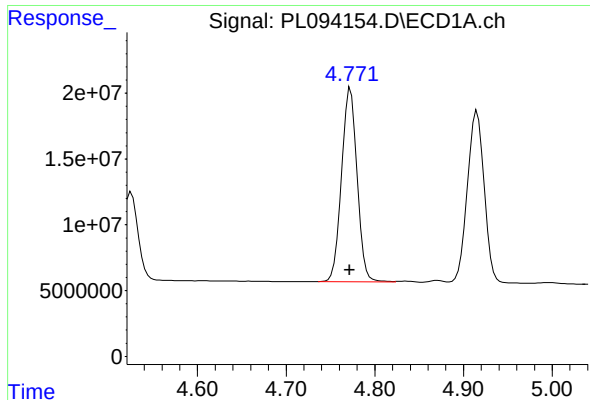
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 81210683
Conc: 50.53 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: 0.000 min
Response: 106580755
Conc: 53.36 ng/ml



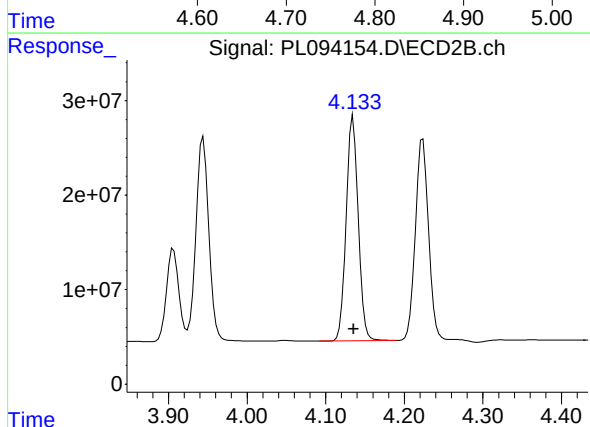
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.000 min
Response: 179322364
Conc: 51.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

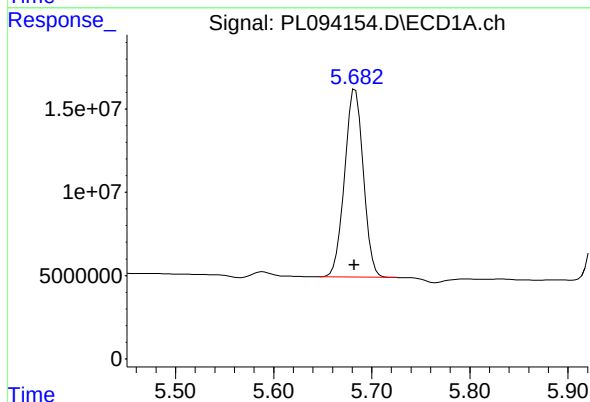
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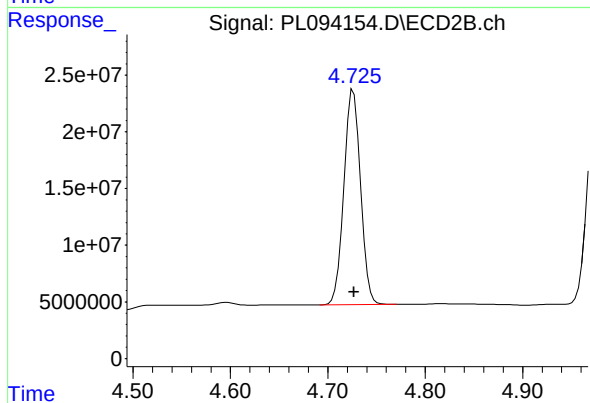
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: 0.000 min
Response: 253516939
Conc: 53.36 ng/ml



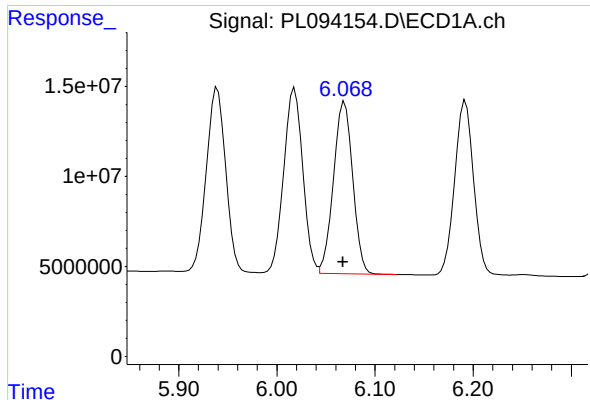
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.001 min
Response: 149863876
Conc: 50.39 ng/ml



#8 Heptachlor epoxide

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 224749313
Conc: 53.76 ng/ml



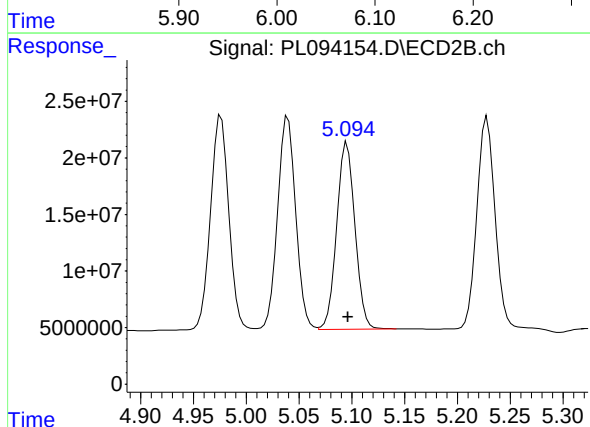
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.002 min
Response: 130321870
Conc: 49.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

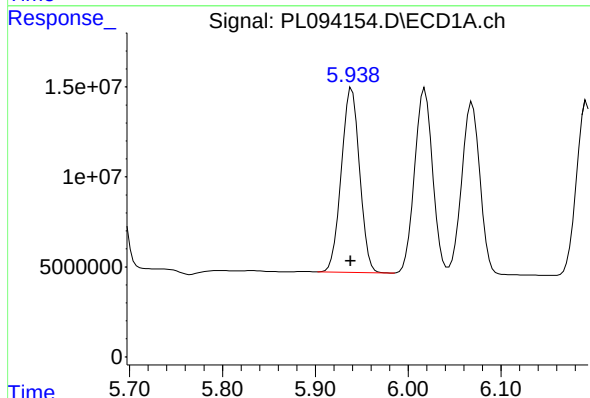
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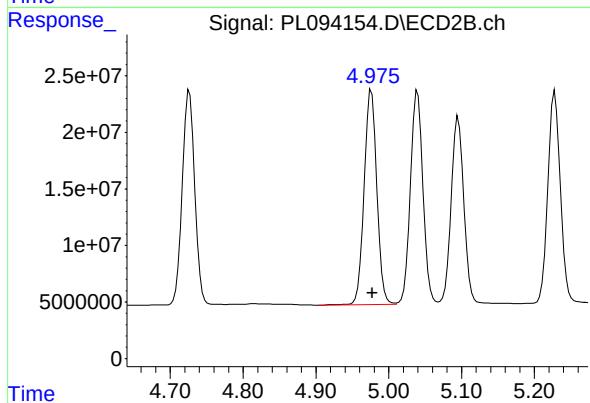
#9 Endosulfan I

R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 198968232
Conc: 51.32 ng/ml



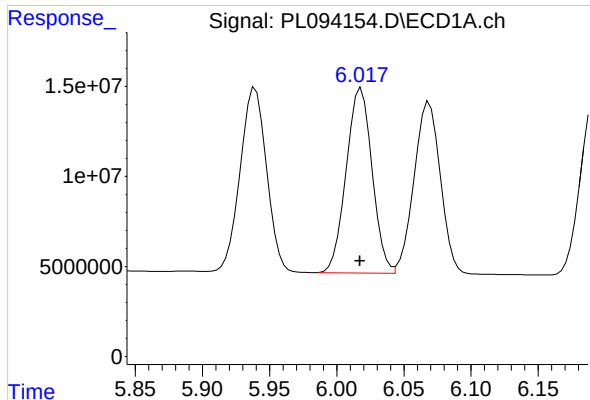
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.001 min
Response: 140319124
Conc: 50.34 ng/ml



#10 gamma-Chlordane

R.T.: 4.976 min
Delta R.T.: 0.000 min
Response: 230809417
Conc: 54.47 ng/ml



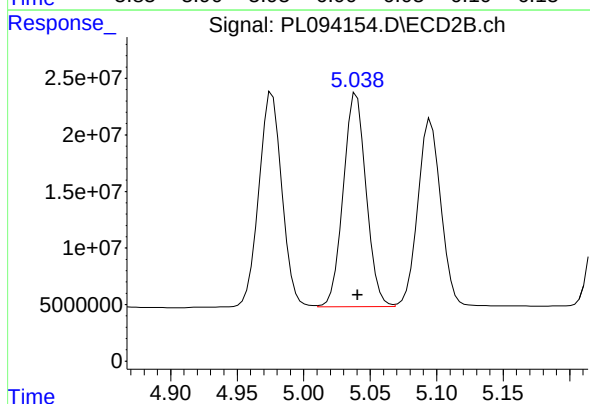
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 139036875
Conc: 49.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

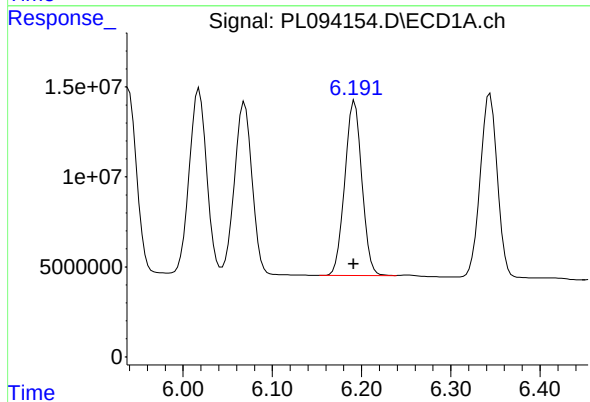
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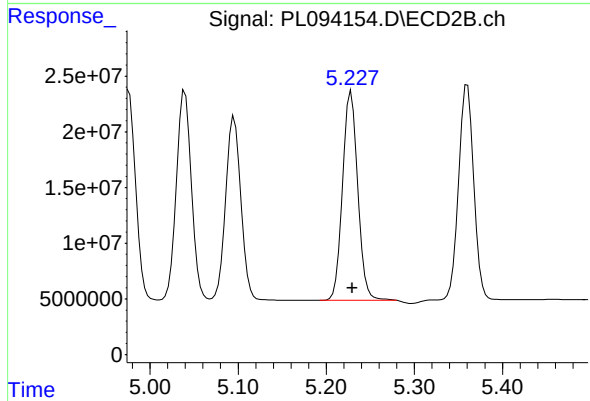
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 225849595
Conc: 53.95 ng/ml



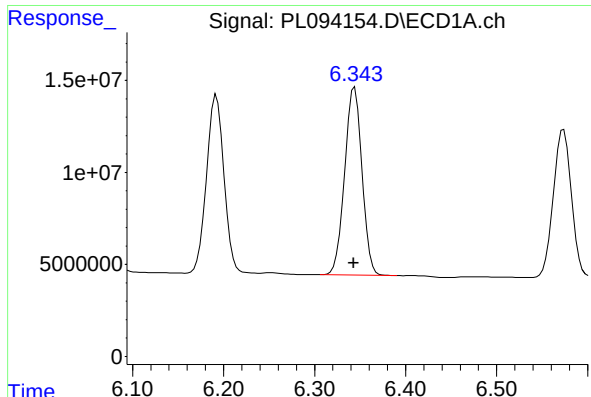
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.001 min
Response: 129224087
Conc: 53.08 ng/ml



#12 4,4'-DDE

R.T.: 5.228 min
Delta R.T.: -0.001 min
Response: 225470563
Conc: 56.23 ng/ml



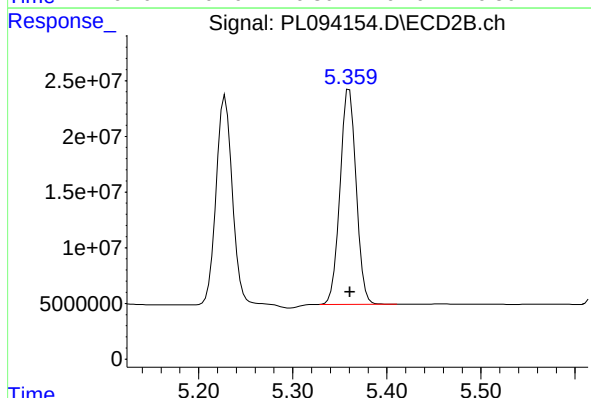
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.001 min
Response: 135587118
Conc: 48.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

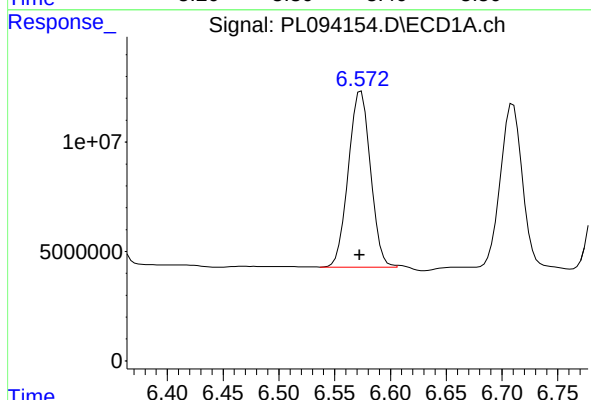
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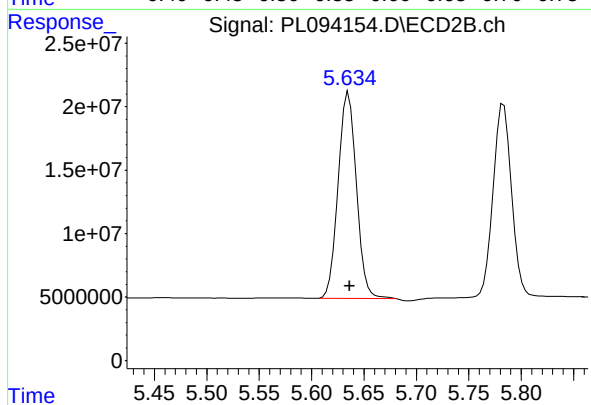
#13 Dieldrin

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 230124755
Conc: 53.57 ng/ml



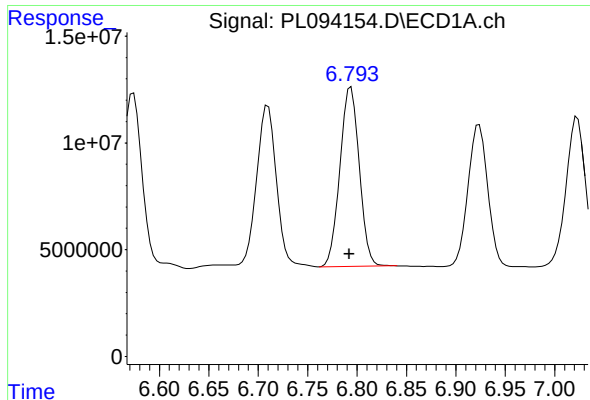
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 111135510
Conc: 47.40 ng/ml m



#14 Endrin

R.T.: 5.635 min
Delta R.T.: -0.001 min
Response: 197129049
Conc: 53.38 ng/ml



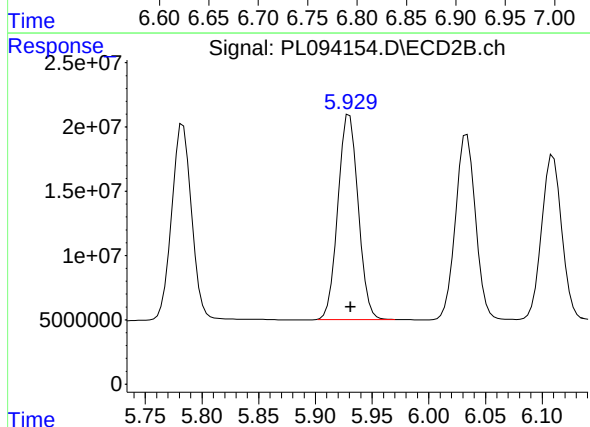
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.002 min
Response: 114176335
Conc: 47.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

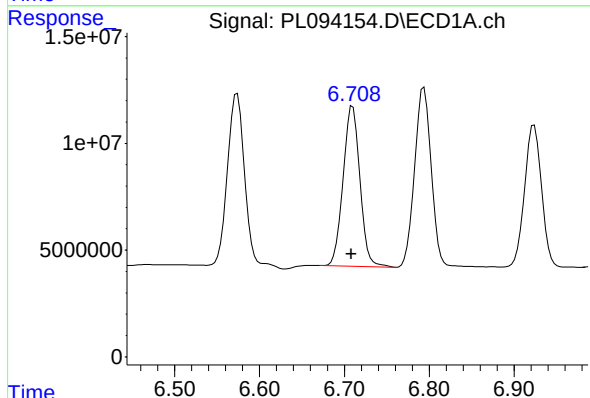
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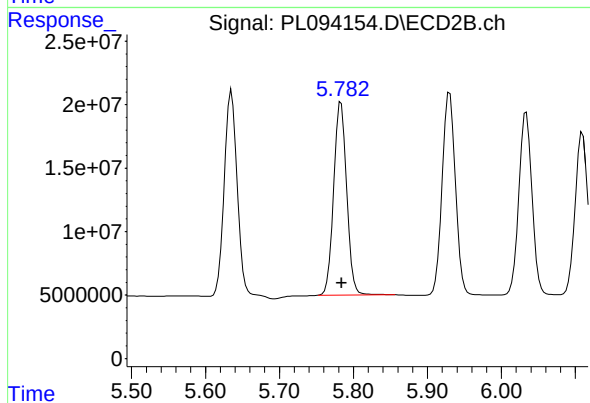
#15 Endosulfan II

R.T.: 5.930 min
Delta R.T.: -0.001 min
Response: 198136135
Conc: 53.49 ng/ml



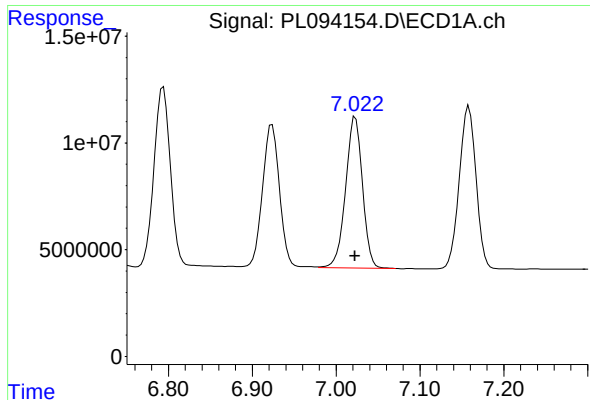
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.002 min
Response: 103715198
Conc: 54.57 ng/ml



#16 4,4'-DDD

R.T.: 5.783 min
Delta R.T.: 0.000 min
Response: 186309436
Conc: 59.02 ng/ml



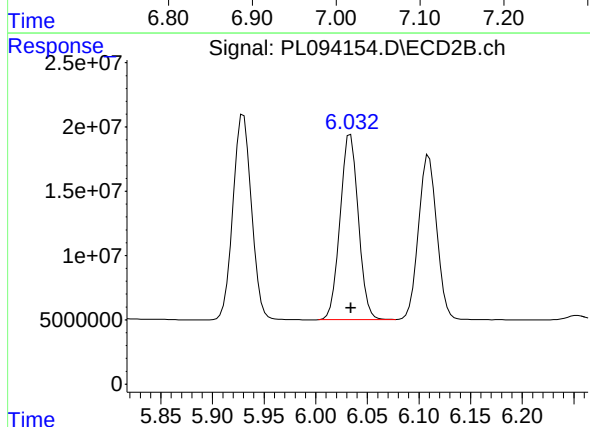
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 98507449
Conc: 49.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

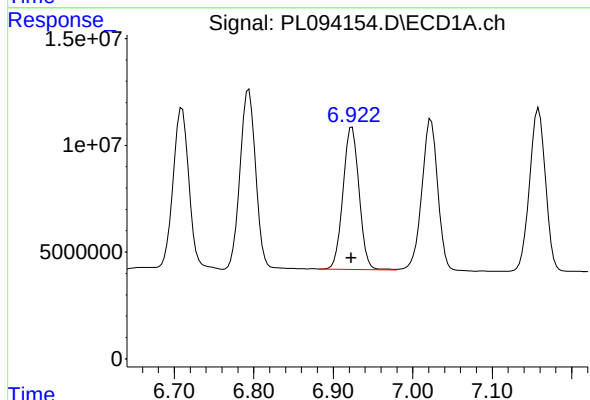
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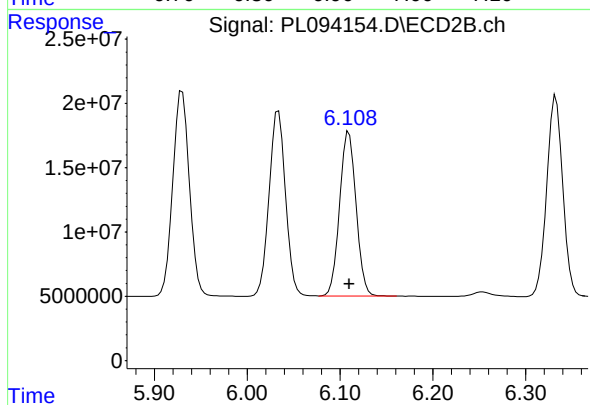
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 177696113
Conc: 54.61 ng/ml



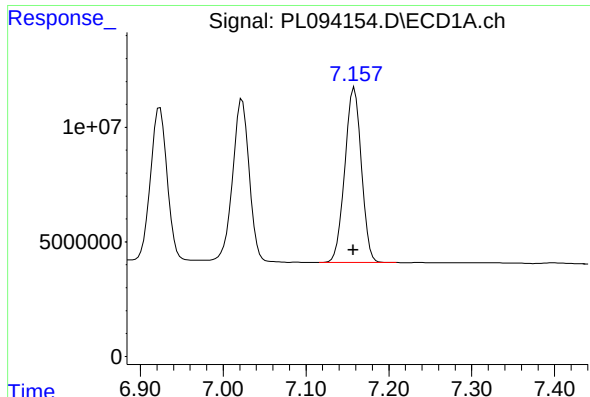
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 93218217
Conc: 47.95 ng/ml



#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 158114780
Conc: 51.93 ng/ml



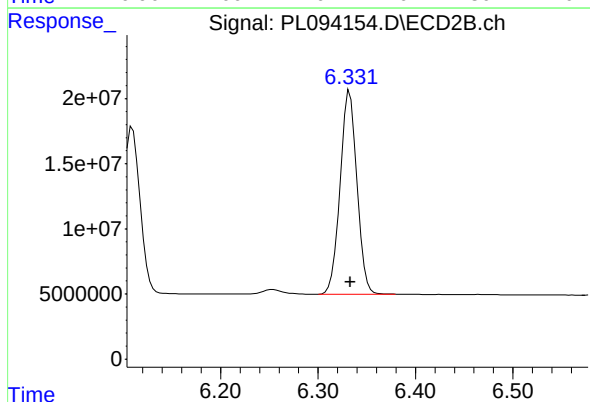
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.001 min
Response: 106007651
Conc: 46.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

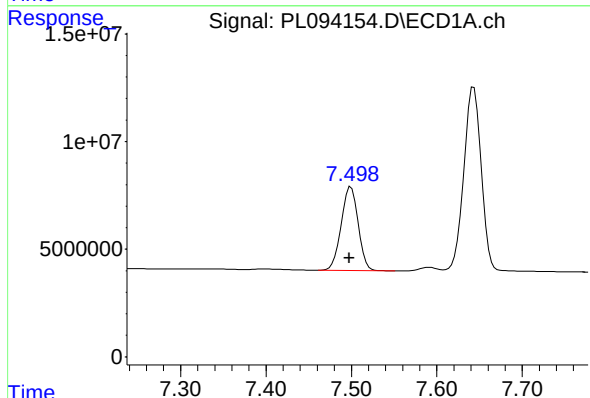
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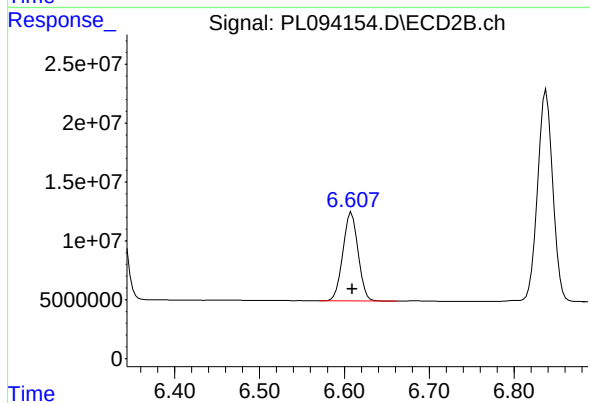
#19 Endosulfan Sulfate

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 187317480
Conc: 52.53 ng/ml



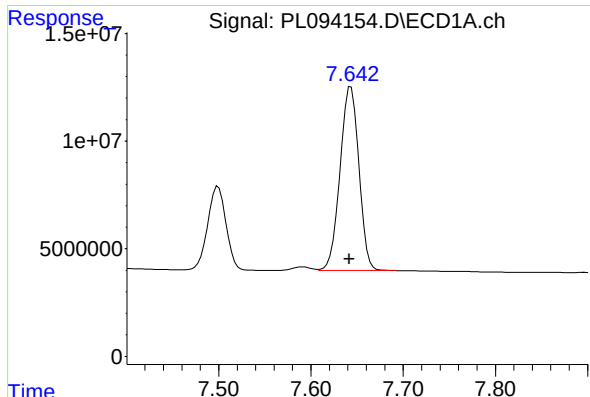
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.002 min
Response: 53458923
Conc: 51.24 ng/ml



#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 94021008
Conc: 52.58 ng/ml



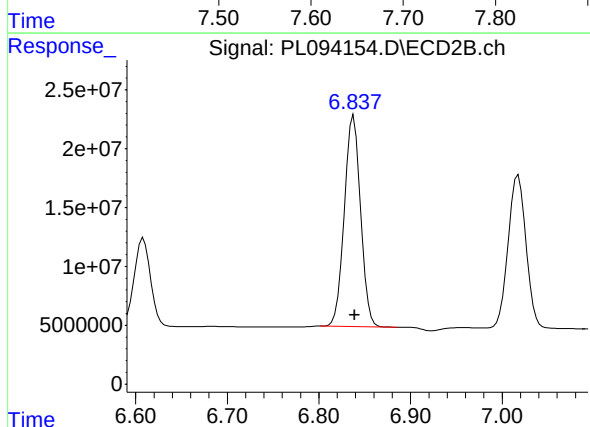
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.002 min
Response: 121236931
Conc: 48.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

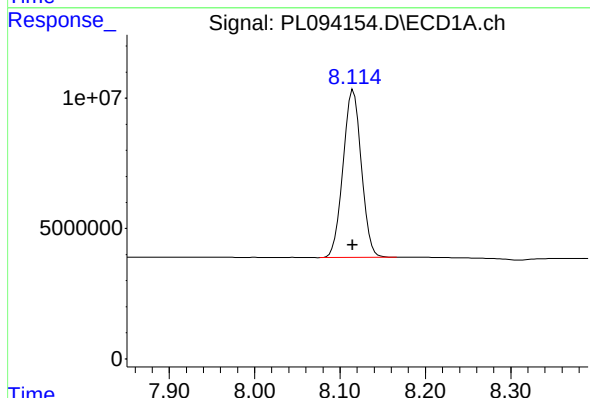
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Reviewed By :Abdul Mirza 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



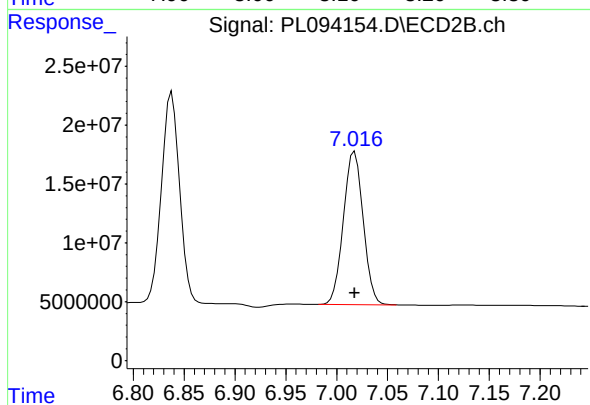
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: -0.001 min
Response: 221707113
Conc: 52.85 ng/ml



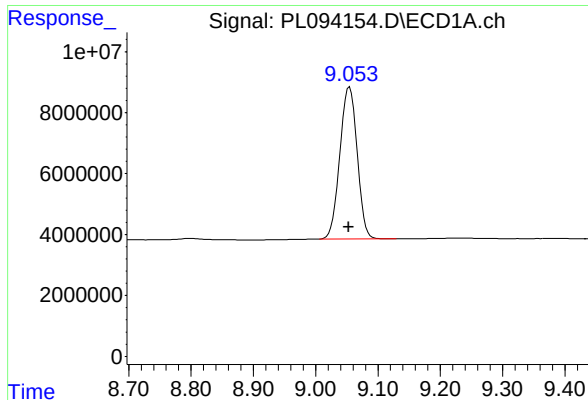
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 95865266
Conc: 46.03 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 175792939
Conc: 51.98 ng/ml



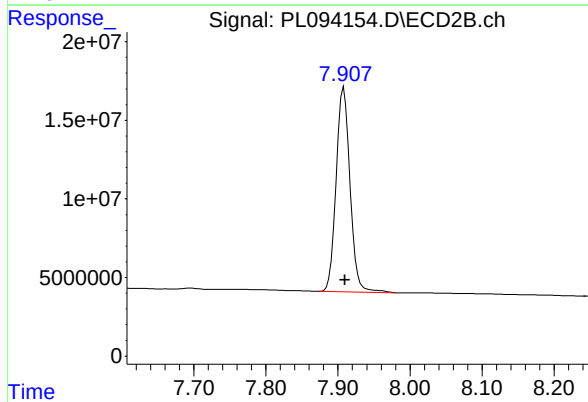
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.002 min
Response: 96580411
Conc: 46.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



#28 Decachlorobiphenyl

R.T.: 7.908 min
Delta R.T.: -0.002 min
Response: 173145220
Conc: 49.41 ng/ml