

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031025\
 Data File : PL094556.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2025 11:48
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/11/2025
 Supervised By :Ankita Jodhani 03/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 01:07:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 21 14:52:19 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...	3.544	2.770	132.0E6	170.5E6	51.979	53.428
28)	SA Decachlor...	9.062	7.908	101.2E6	175.9E6	47.555m	45.745
Target Compounds							
2)	A alpha-BHC	4.000	3.273	191.3E6	257.8E6	50.578	52.450
3)	MA gamma-BHC...	4.333	3.603	185.7E6	246.9E6	50.249	52.423
4)	MA Heptachlor	4.921	3.941	168.5E6	234.3E6	49.687	49.638
5)	MB Aldrin	5.262	4.221	172.5E6	238.3E6	50.278	51.583
6)	B beta-BHC	4.532	3.903	80025342	103.4E6	50.113	51.965
7)	B delta-BHC	4.778	4.132	181.9E6	246.2E6	51.409m	51.993
8)	B Heptachlo...	5.689	4.724	153.4E6	217.7E6	50.901	51.151
9)	A Endosulfan I	6.074	5.094	136.0E6	205.0E6	49.492	51.425
10)	B gamma-Chl...	5.946	4.974	148.2E6	223.9E6	50.486	51.597
11)	B alpha-Chl...	6.025	5.038	144.9E6	220.5E6	50.031	51.065
12)	B 4,4'-DDE	6.198	5.227	137.2E6	220.9E6	52.539	52.588
13)	MA Dieldrin	6.350	5.358	141.8E6	228.9E6	49.769	52.244
14)	MA Endrin	6.580	5.633	112.7E6	184.9E6	44.157	54.302
15)	B Endosulfa...	6.800	5.929	120.8E6	196.2E6	47.986	52.473
16)	A 4,4'-DDD	6.716	5.782	108.2E6	187.8E6	58.478	58.950
17)	MA 4,4'-DDT	7.030	6.032	97923698	170.6E6	46.630	47.963
18)	B Endrin al...	6.930	6.108	96604942	161.3E6	49.623	51.044
19)	B Endosulfa...	7.165	6.332	108.6E6	187.1E6	47.973	50.662
20)	A Methoxychlor	7.506	6.608	51371580	90657168	46.237	46.466
21)	B Endrin ke...	7.650	6.837	124.5E6	229.4E6	49.668	53.749
22)	Mirex	8.121	7.017	95214613	176.6E6	46.147	50.635

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031025\
Data File : PL094556.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Mar 2025 11:48
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

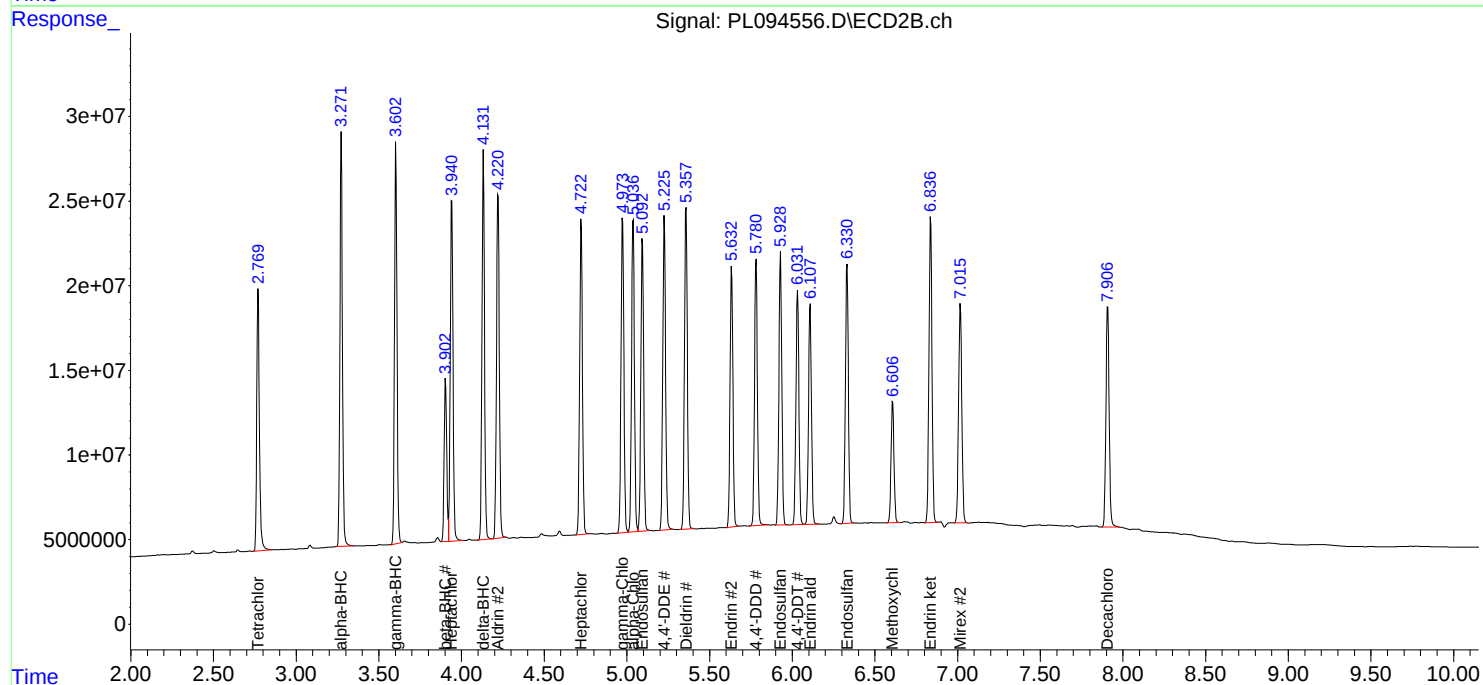
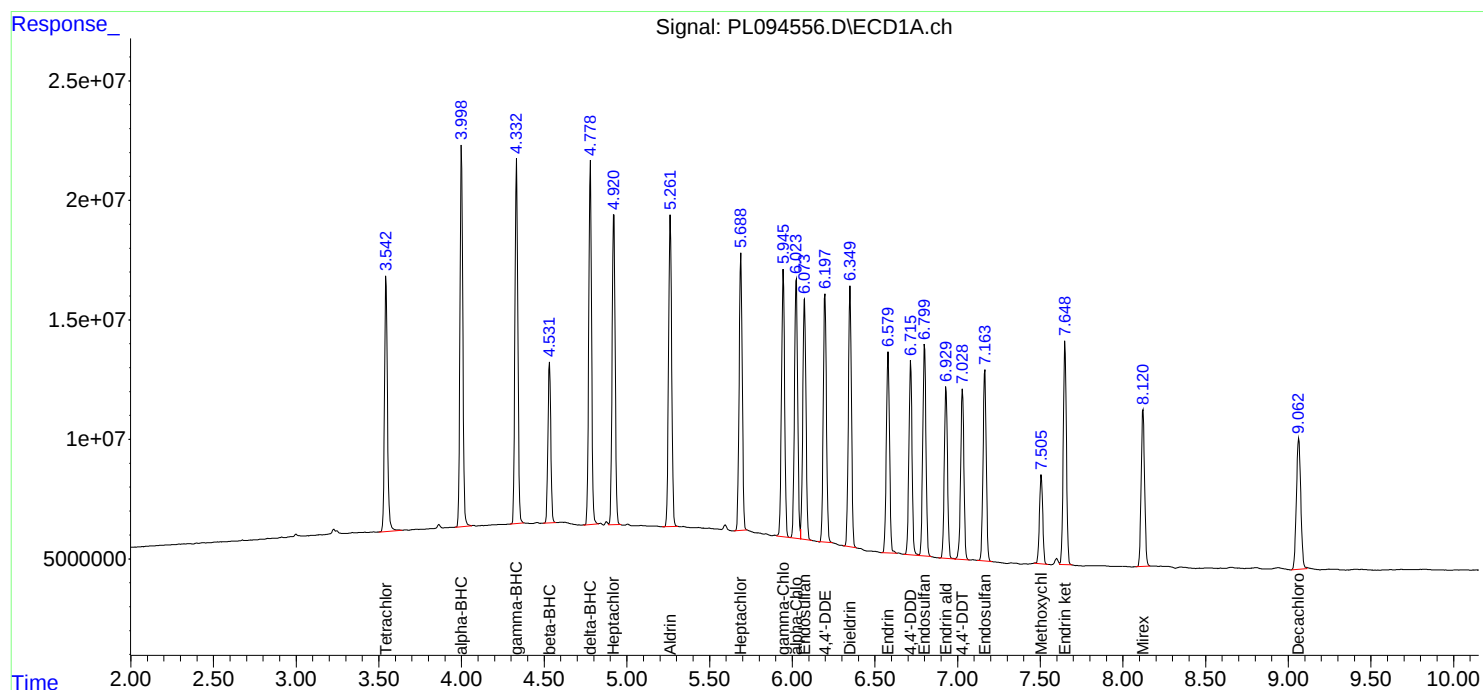
APPROVED

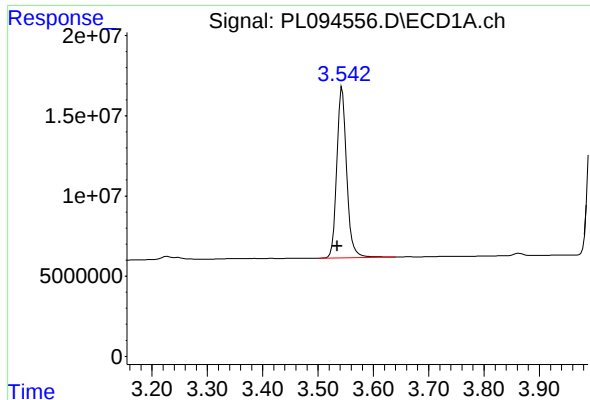
Reviewed By :Abdul Mirza 03/11/2025

Supervised By :Ankita Jodhani 03/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 01:07:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
Quant Title : GC Extractables
QLast Update : Fri Feb 21 14:52:19 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





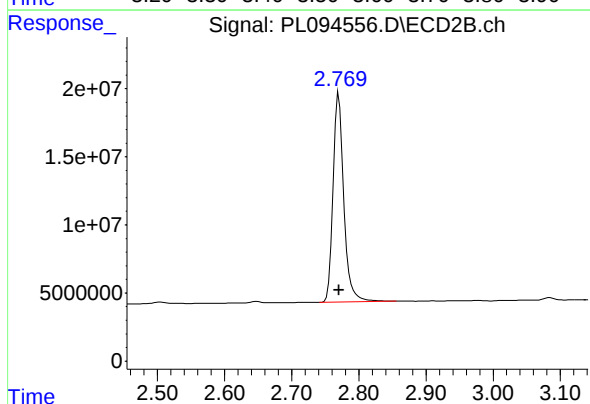
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.009 min
Response: 131980502
Conc: 51.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

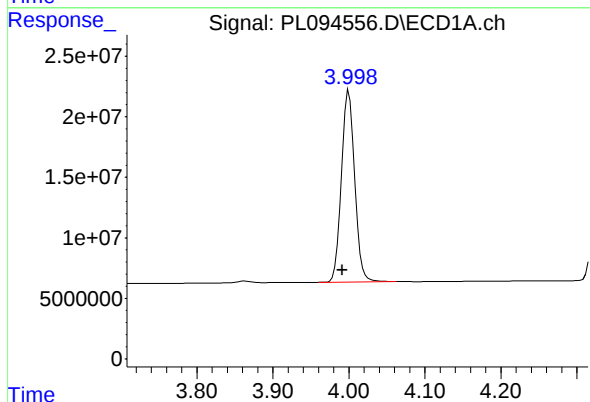
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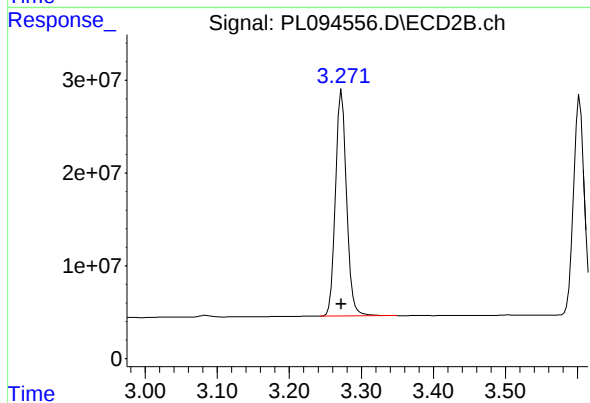
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: 0.000 min
Response: 170498759
Conc: 53.43 ng/ml



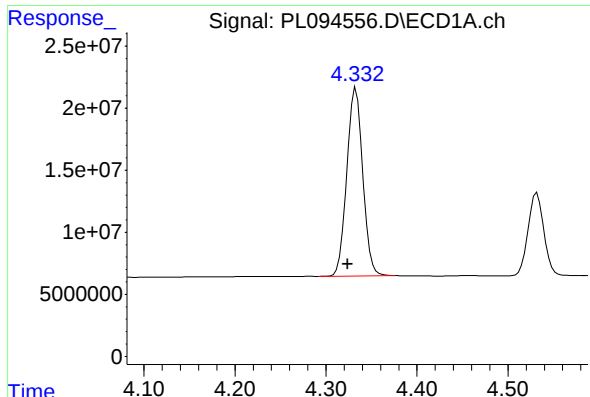
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.009 min
Response: 191318639
Conc: 50.58 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: 0.000 min
Response: 257780527
Conc: 52.45 ng/ml



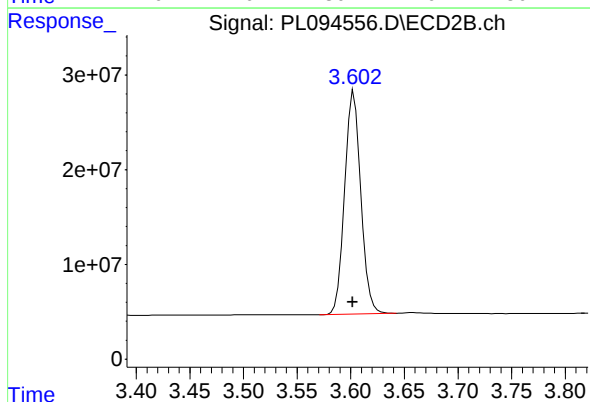
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.009 min
Response: 185658161
Conc: 50.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

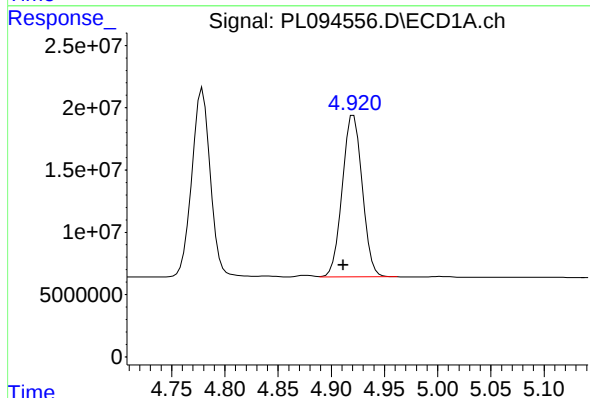
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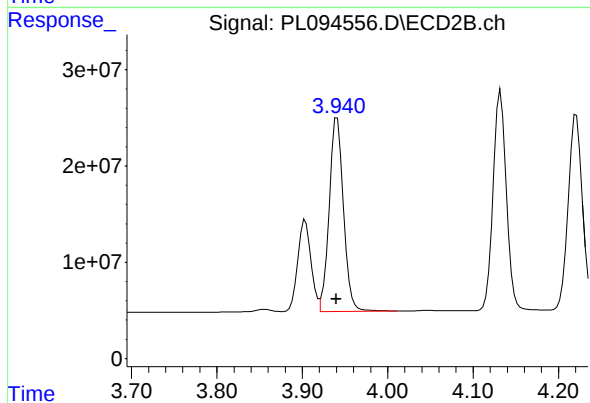
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: 0.001 min
Response: 246910942
Conc: 52.42 ng/ml



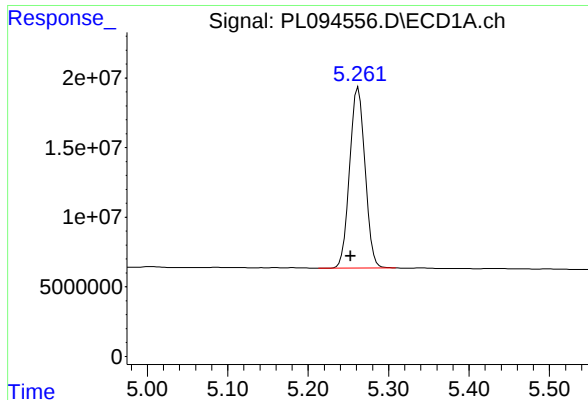
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.009 min
Response: 168457512
Conc: 49.69 ng/ml



#4 Heptachlor

R.T.: 3.941 min
Delta R.T.: 0.001 min
Response: 234304918
Conc: 49.64 ng/ml



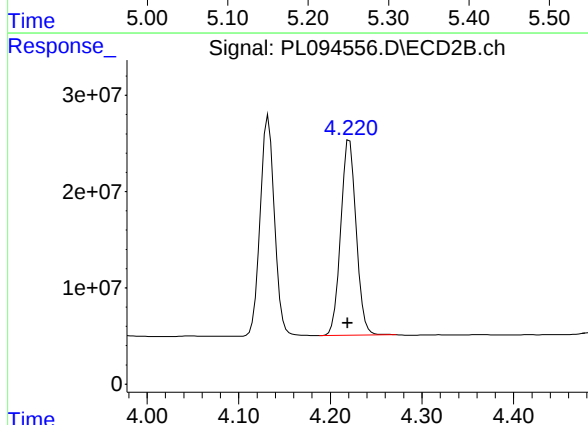
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: 0.009 min
Response: 172539661
Conc: 50.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

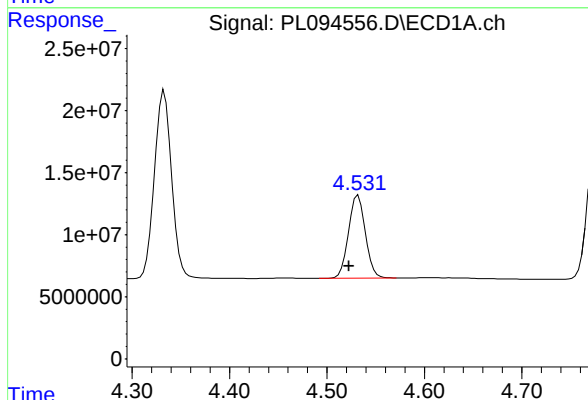
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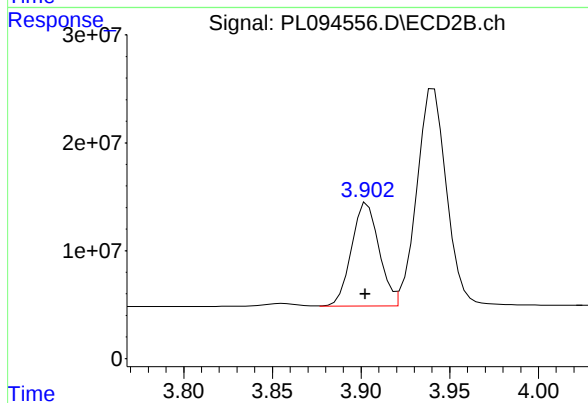
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.002 min
Response: 238333092
Conc: 51.58 ng/ml



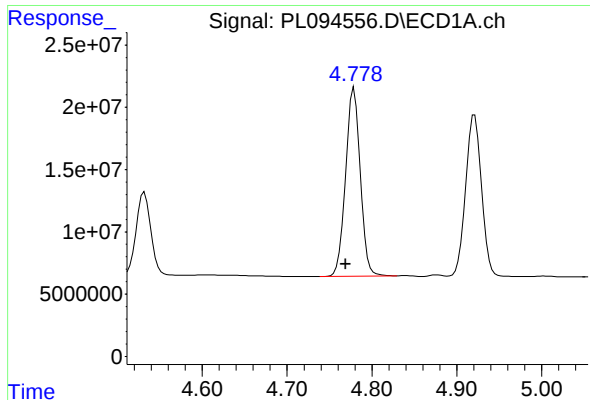
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.010 min
Response: 80025342
Conc: 50.11 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: 0.000 min
Response: 103353566
Conc: 51.96 ng/ml



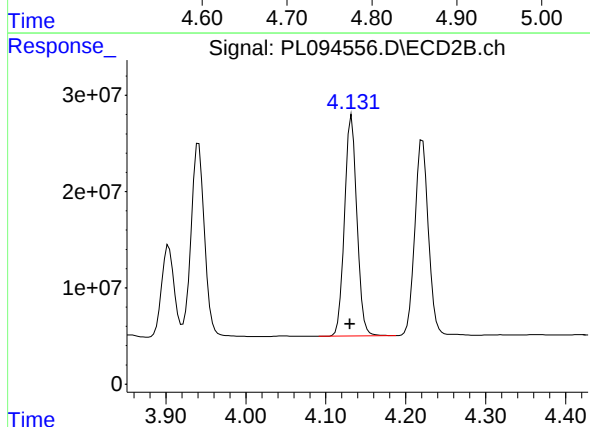
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.008 min
Response: 181899698
Conc: 51.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

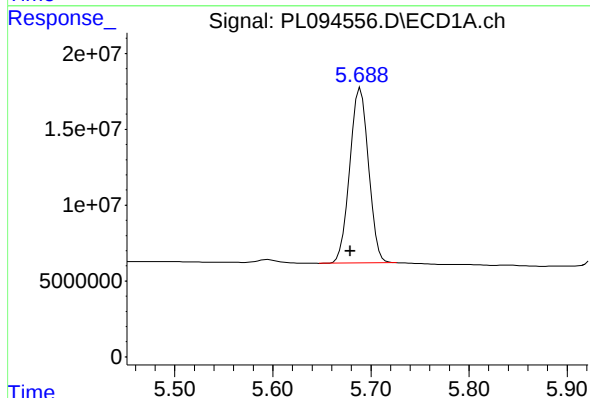
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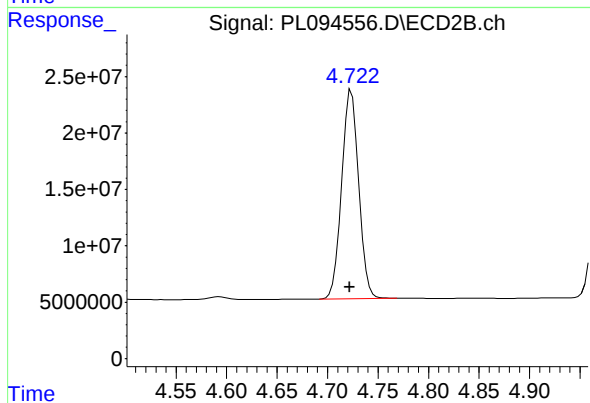
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: 0.002 min
Response: 246222403
Conc: 51.99 ng/ml



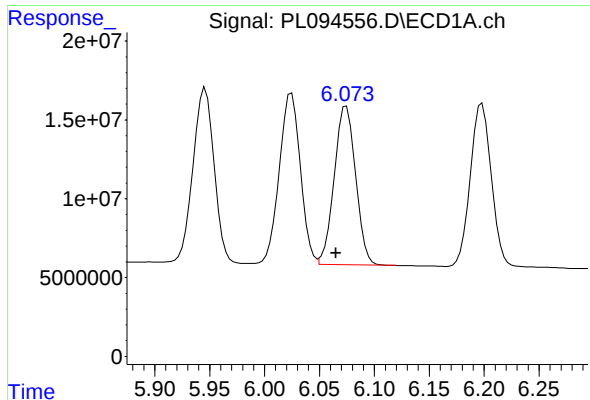
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.010 min
Response: 153383850
Conc: 50.90 ng/ml



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: 0.002 min
Response: 217666303
Conc: 51.15 ng/ml



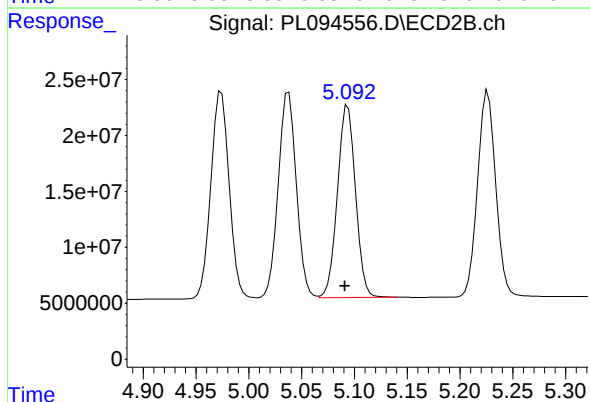
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.009 min
Response: 136034088
Conc: 49.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

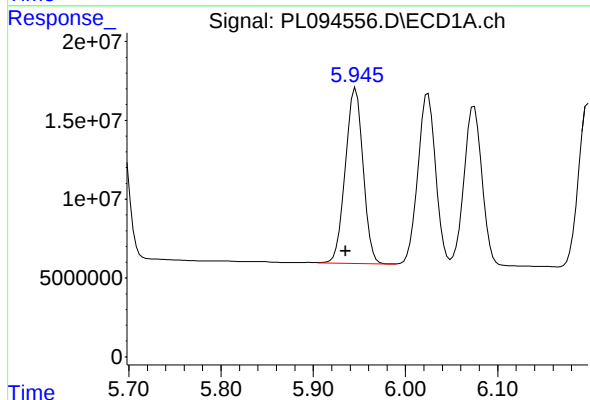
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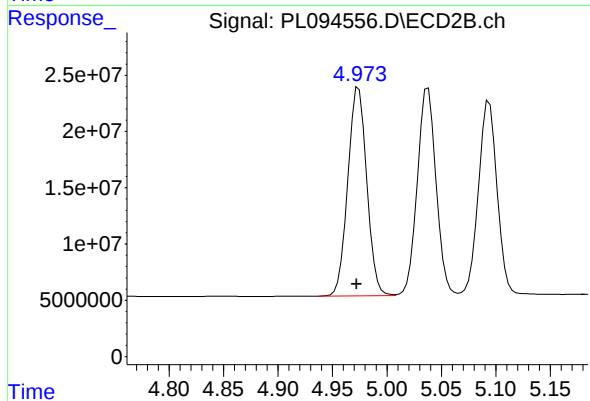
#9 Endosulfan I

R.T.: 5.094 min
Delta R.T.: 0.003 min
Response: 205011248
Conc: 51.43 ng/ml



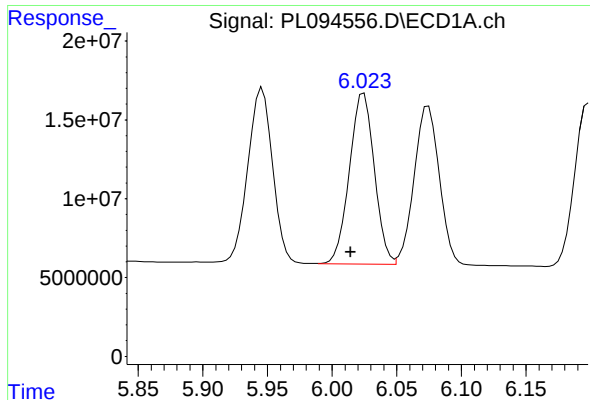
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.011 min
Response: 148235115
Conc: 50.49 ng/ml



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: 0.002 min
Response: 223870324
Conc: 51.60 ng/ml



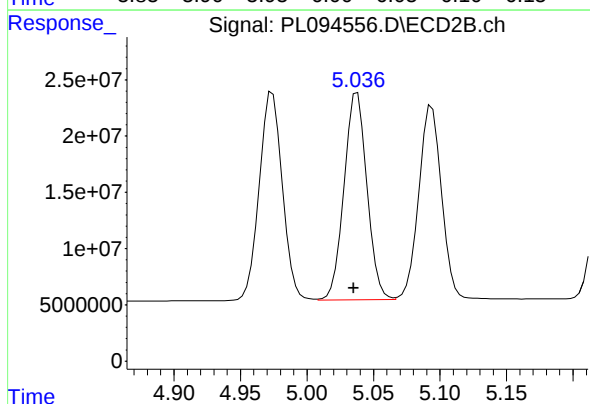
#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.010 min
Response: 144944660
Conc: 50.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

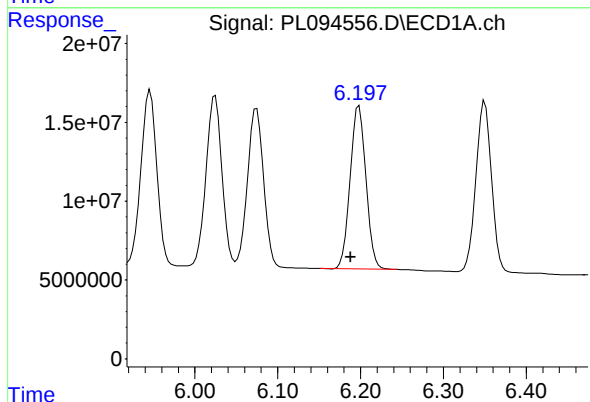
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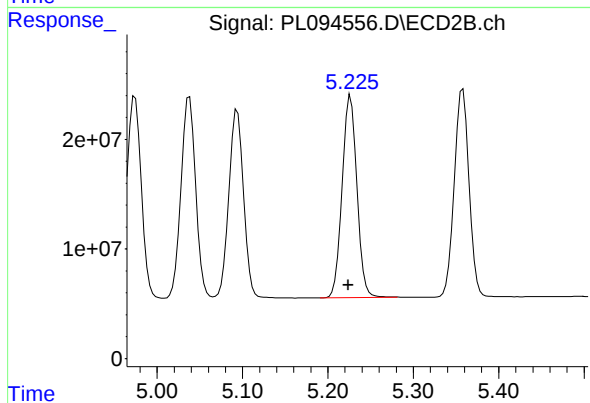
#11 alpha-Chlordane

R.T.: 5.038 min
Delta R.T.: 0.003 min
Response: 220478748
Conc: 51.07 ng/ml



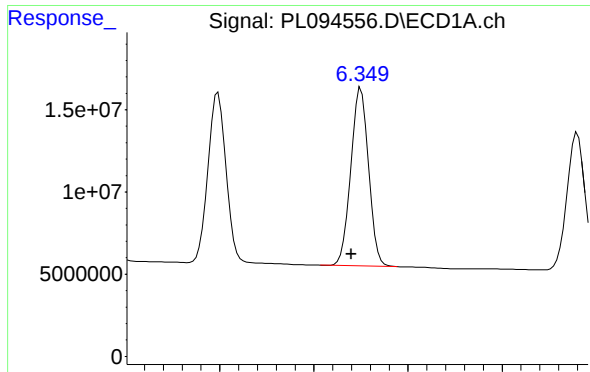
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.010 min
Response: 137216596
Conc: 52.54 ng/ml



#12 4,4'-DDE

R.T.: 5.227 min
Delta R.T.: 0.003 min
Response: 220869760
Conc: 52.59 ng/ml



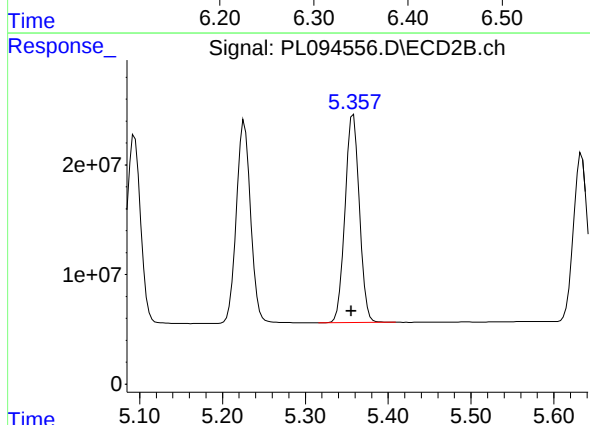
#13 Dieldrin

R.T.: 6.350 min
Delta R.T.: 0.010 min
Response: 141792305
Conc: 49.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

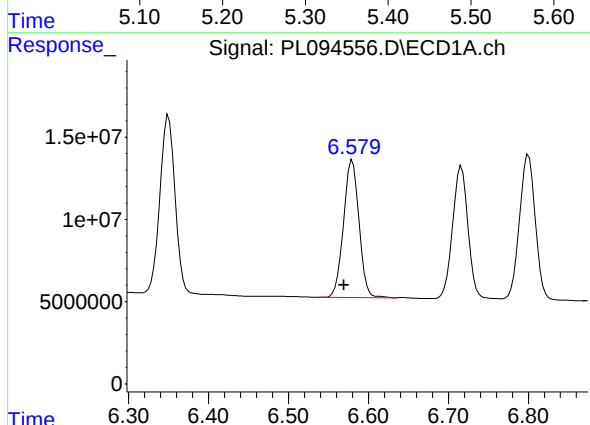
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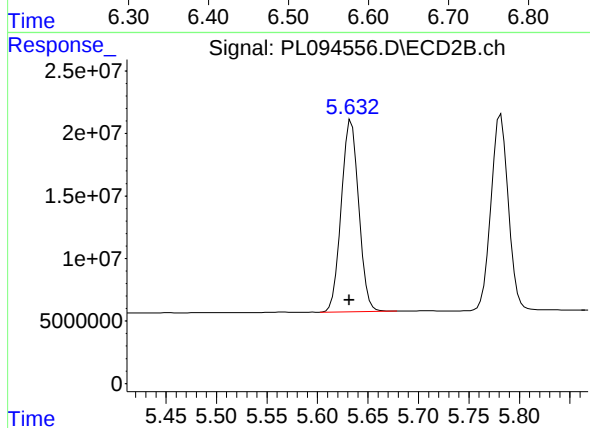
#13 Dieldrin

R.T.: 5.358 min
Delta R.T.: 0.002 min
Response: 228920313
Conc: 52.24 ng/ml



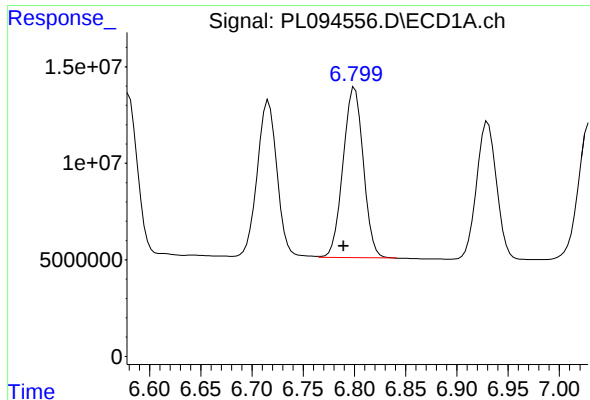
#14 Endrin

R.T.: 6.580 min
Delta R.T.: 0.010 min
Response: 112700451
Conc: 44.16 ng/ml



#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.002 min
Response: 184881320
Conc: 54.30 ng/ml



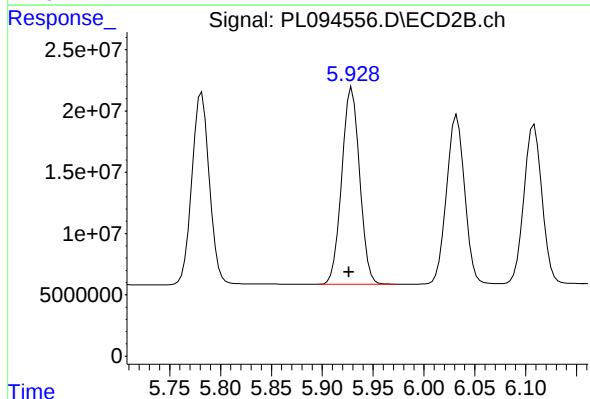
#15 Endosulfan II

R.T.: 6.800 min
Delta R.T.: 0.011 min
Response: 120793174
Conc: 47.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

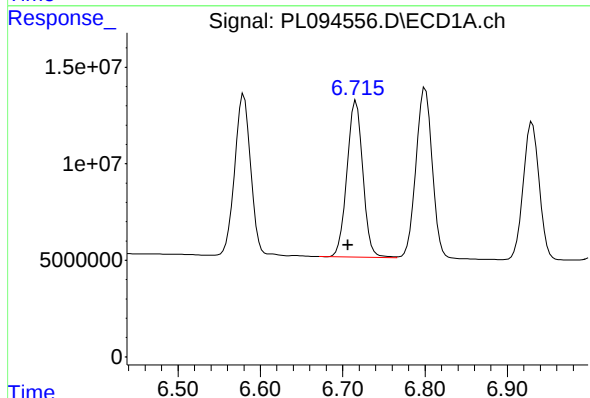
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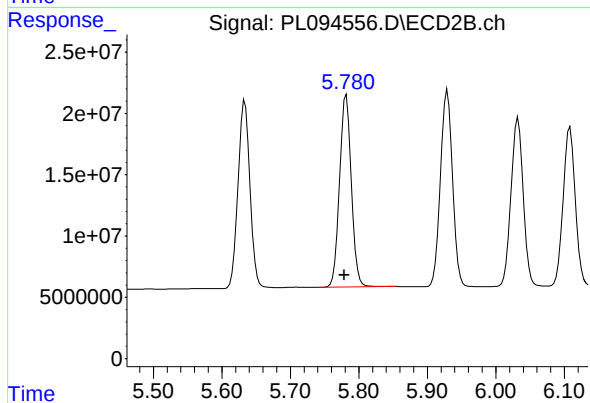
#15 Endosulfan II

R.T.: 5.929 min
Delta R.T.: 0.003 min
Response: 196224076
Conc: 52.47 ng/ml



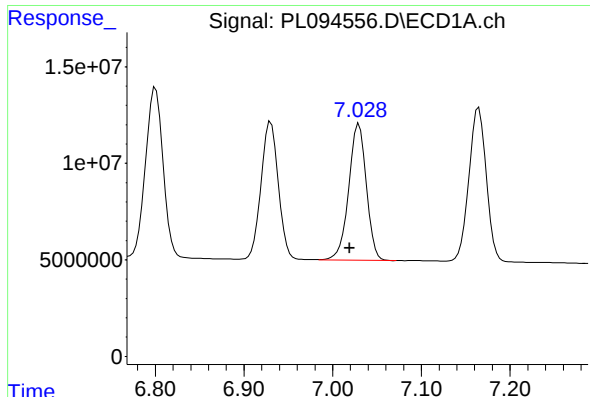
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.010 min
Response: 108169845
Conc: 58.48 ng/ml



#16 4,4'-DDD

R.T.: 5.782 min
Delta R.T.: 0.003 min
Response: 187774641
Conc: 58.95 ng/ml



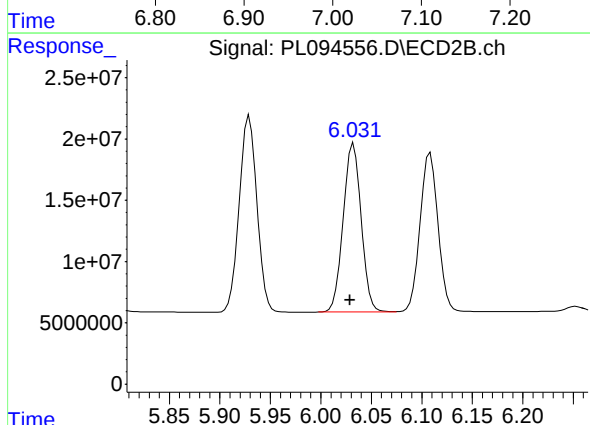
#17 4,4'-DDT

R.T.: 7.030 min
Delta R.T.: 0.011 min
Response: 97923698
Conc: 46.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

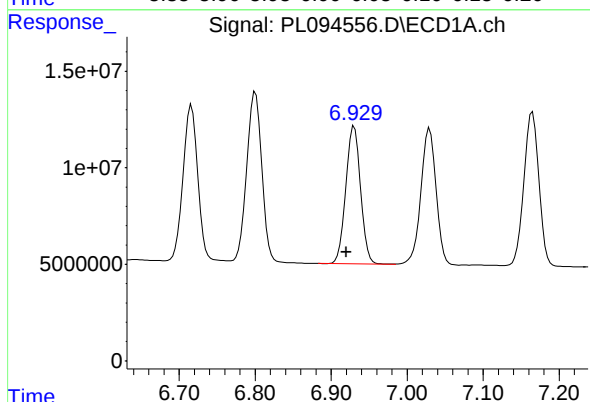
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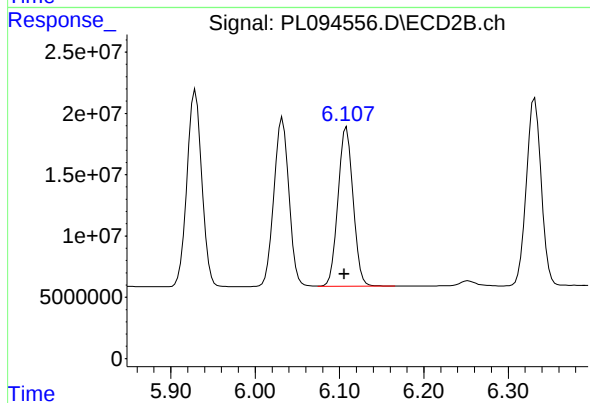
#17 4,4'-DDT

R.T.: 6.032 min
Delta R.T.: 0.003 min
Response: 170602988
Conc: 47.96 ng/ml



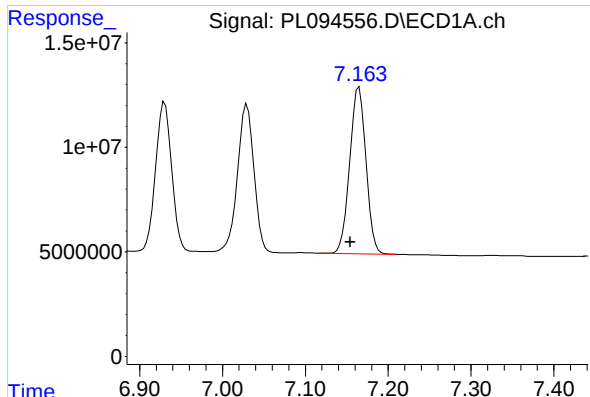
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: 0.010 min
Response: 96604942
Conc: 49.62 ng/ml



#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.003 min
Response: 161322193
Conc: 51.04 ng/ml



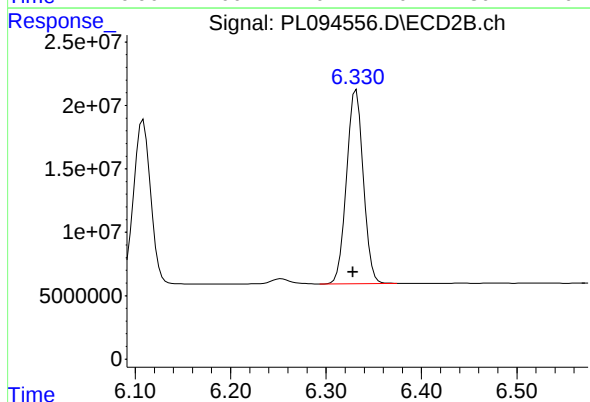
#19 Endosulfan Sulfate

R.T.: 7.165 min
Delta R.T.: 0.010 min
Response: 108602437
Conc: 47.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

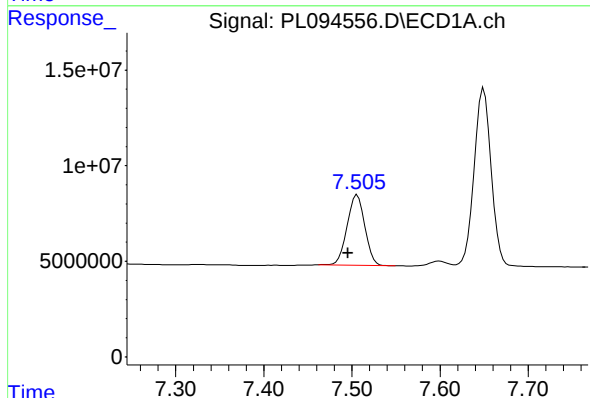
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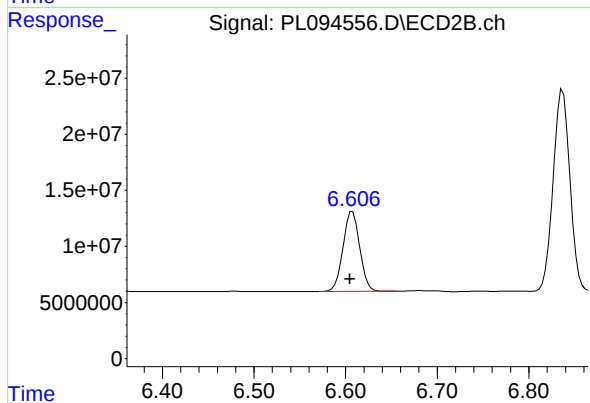
#19 Endosulfan Sulfate

R.T.: 6.332 min
Delta R.T.: 0.003 min
Response: 187128066
Conc: 50.66 ng/ml



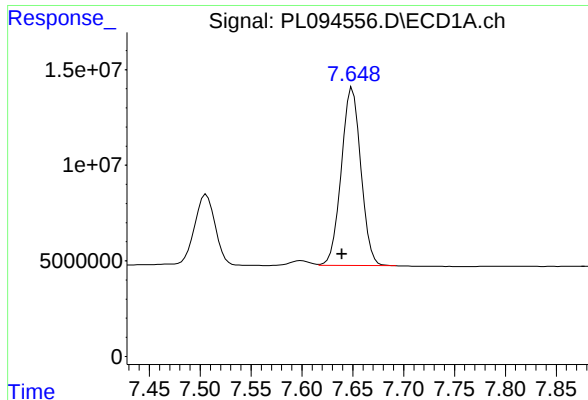
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.011 min
Response: 51371580
Conc: 46.24 ng/ml



#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: 0.003 min
Response: 90657168
Conc: 46.47 ng/ml



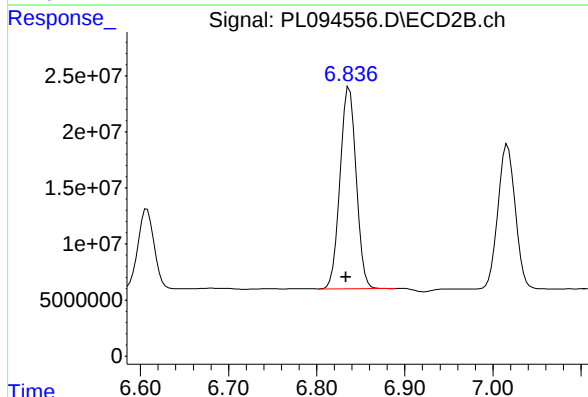
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: 0.010 min
Response: 124512463
Conc: 49.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

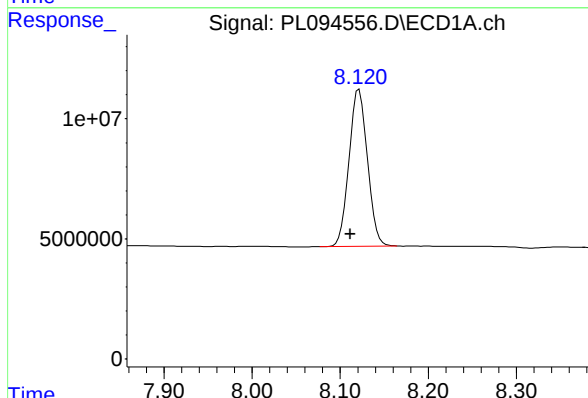
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/11/2025
Supervised By :Ankita Jodhani 03/11/2025



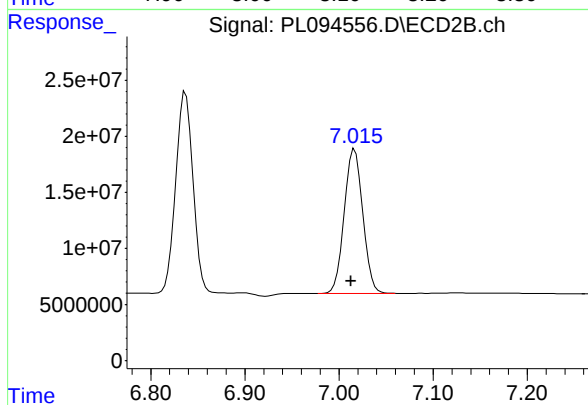
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: 0.004 min
Response: 229373103
Conc: 53.75 ng/ml



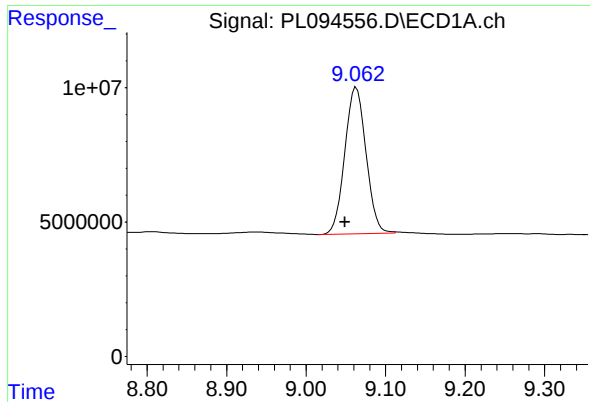
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.010 min
Response: 95214613
Conc: 46.15 ng/ml



#22 Mirex

R.T.: 7.017 min
Delta R.T.: 0.004 min
Response: 176564367
Conc: 50.63 ng/ml



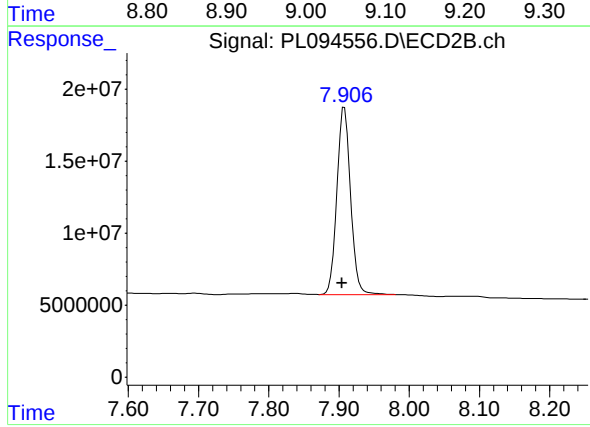
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.013 min
Response: 101161610
Conc: 47.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 03/11/2025



#28 Decachlorobiphenyl

R.T.: 7.908 min
Delta R.T.: 0.003 min
Response: 175919899
Conc: 45.75 ng/ml