

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021225\
 Data File : PL094158.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Feb 2025 13:54
 Operator : AR\AJ
 Sample : Q1353-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 346MS

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 00:33:08 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...	3.538	2.773	52805147	67459327	19.610m	20.667
2) SA Decachlor...	9.054	7.908	36052545	67609325	17.234	19.295
Target Compounds						
2) A alpha-BHC	3.994	3.274	193.9E6	255.1E6	50.587m	52.171m
3) MA gamma-BHC...	4.326	3.606	186.2E6	243.7E6	50.553m	51.404
4) MA Heptachlor	4.916	3.944	173.2E6	244.7E6	52.858	52.568
5) MB Aldrin	5.256	4.223	175.8E6	237.5E6	53.728m	52.069
6) B beta-BHC	4.525	3.906	80379434	106.3E6	50.008m	53.232
7) B delta-BHC	4.773	4.134	200.1E6	244.3E6	57.073	51.408
8) B Heptachlo...	5.683	4.724	187.9E6	239.7E6	63.174m	57.345m
9) A Endosulfan I	6.070	5.096	128.3E6	185.7E6	48.528	47.907
10) B gamma-Chl...	5.941	4.976	475.8E6	694.5E6	170.701	163.880
11) B alpha-Chl...	6.022	5.039	686.1E6	874.6E6	246.045	208.906
12) B 4,4'-DDE	6.193	5.227	117.3E6	229.2E6	48.170	57.167m
13) MA Dieldrin	6.345	5.360	137.7E6	239.9E6	49.602	55.856
14) MA Endrin	6.575	5.635	107.0E6	205.2E6	45.626	55.571
15) B Endosulfa...	6.795	5.932	119.2E6	350.9E6	49.474	94.739 #
16) A 4,4'-DDD	6.710	5.783	122.6E6	173.6E6	64.494m	54.984
17) MA 4,4'-DDT	7.024	6.033	114.5E6	193.1E6	58.041	59.336
18) B Endrin al...	6.923	6.108	102.1E6	169.5E6	52.524m	55.676m
19) B Endosulfa...	7.159	6.332	112.3E6	193.2E6	49.611	54.183
20) A Methoxychlor	7.501	6.608	55197719	94597393	52.902	52.903
21) B Endrin ke...	7.644	6.837	124.8E6	214.0E6	49.480	51.012
22) Mirex	8.117	7.017	93994723	159.1E6	45.136	47.051

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021225\
Data File : PL094158.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Feb 2025 13:54
Operator : AR\AJ
Sample : Q1353-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

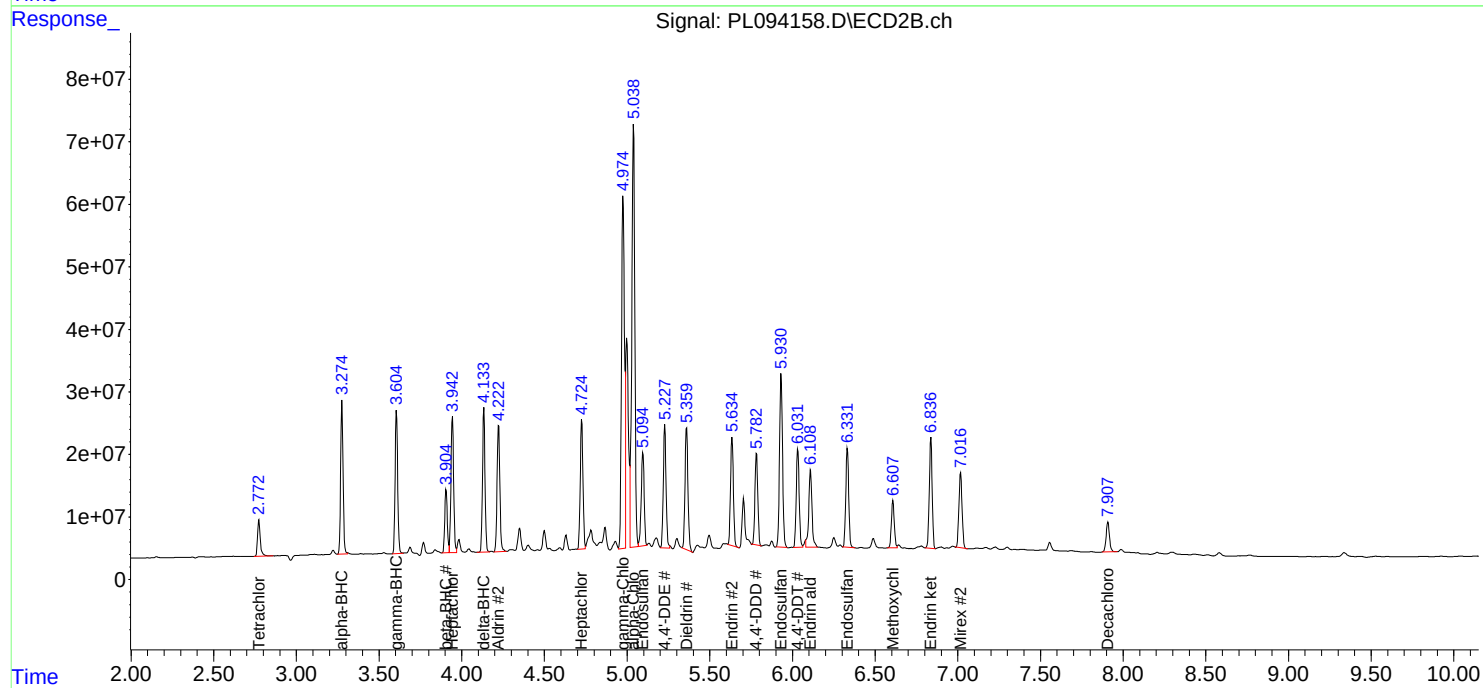
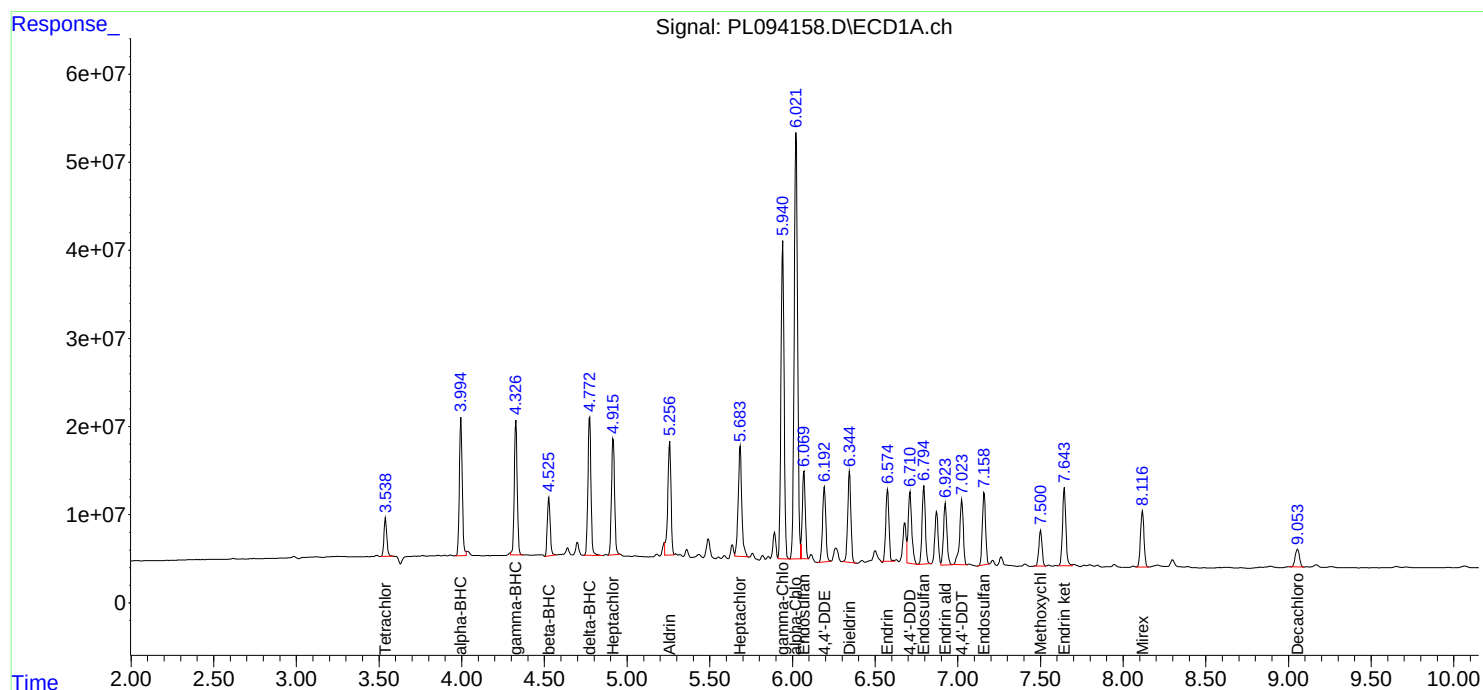
Instrument :
ECD_L
ClientSampleId :
346MS

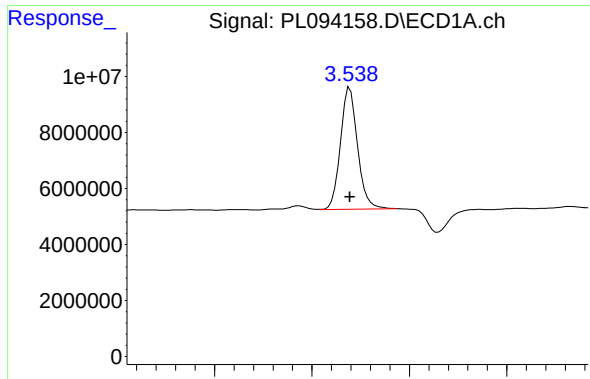
Manual Integrations
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Supervised By :Ankita Jodhani 02/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 13 00:33:08 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





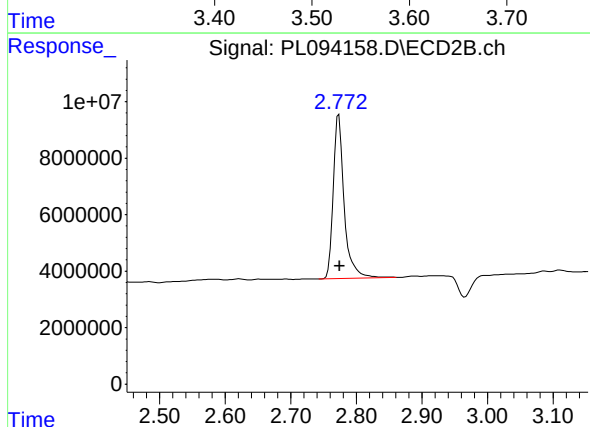
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.001 min
Response: 52805147
Conc: 19.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
346MS

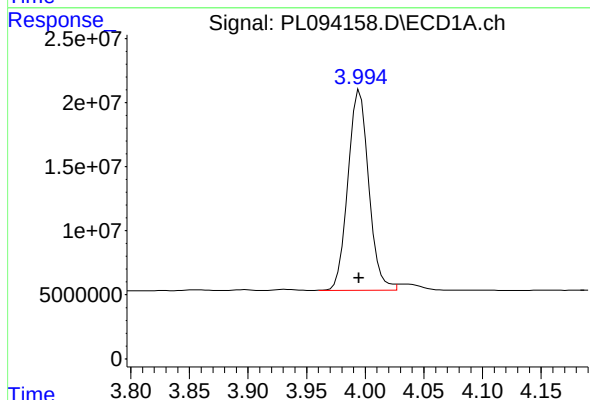
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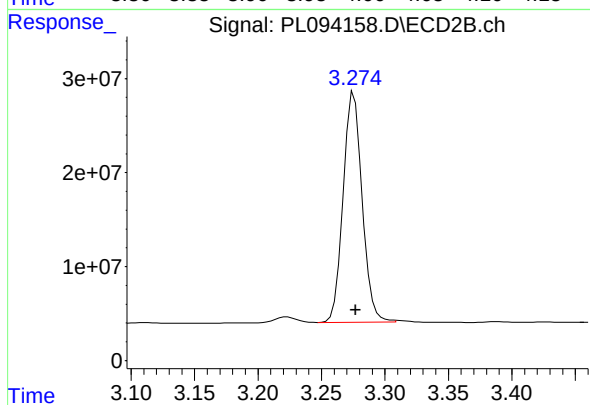
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: -0.001 min
Response: 67459327
Conc: 20.67 ng/ml



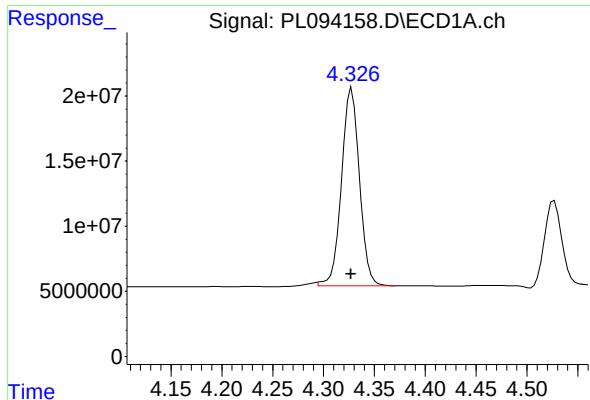
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 193941906
Conc: 50.59 ng/ml m



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: -0.003 min
Response: 255062837
Conc: 52.17 ng/ml m



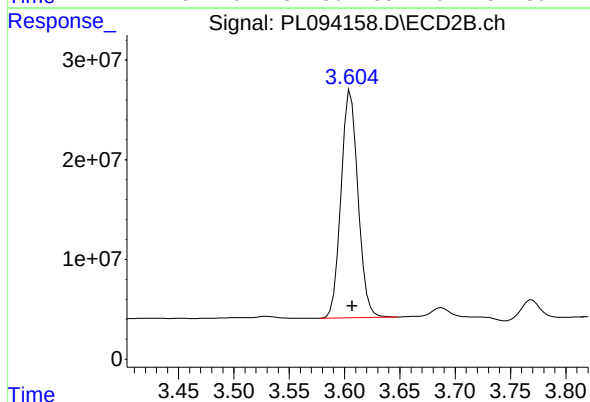
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 186178488
Conc: 50.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
346MS

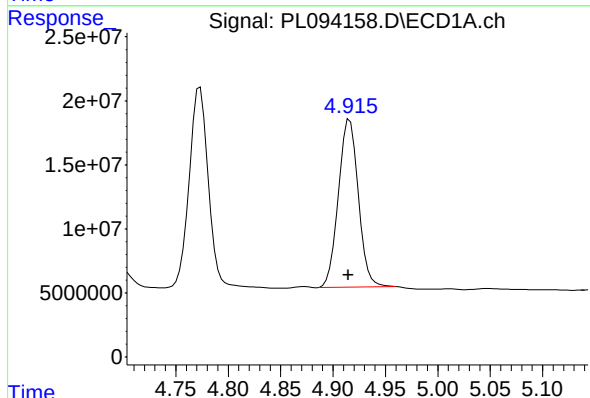
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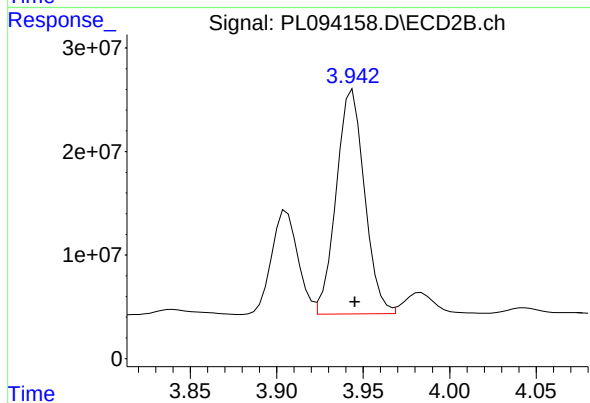
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: -0.001 min
Response: 243718604
Conc: 51.40 ng/ml



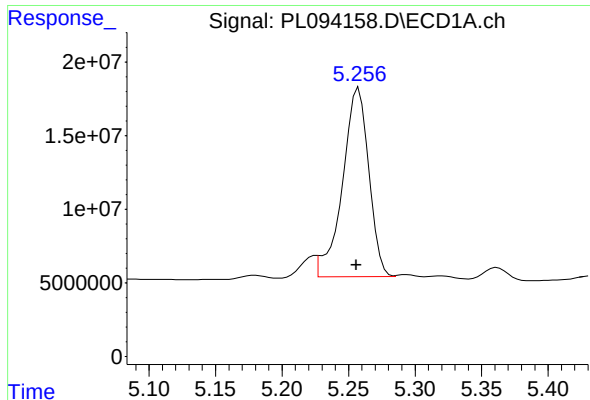
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: 0.001 min
Response: 173234954
Conc: 52.86 ng/ml



#4 Heptachlor

R.T.: 3.944 min
Delta R.T.: -0.001 min
Response: 244693295
Conc: 52.57 ng/ml



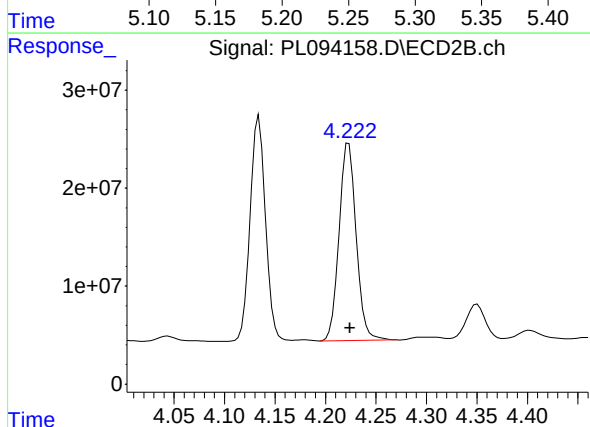
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 175794965
Conc: 53.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
346MS

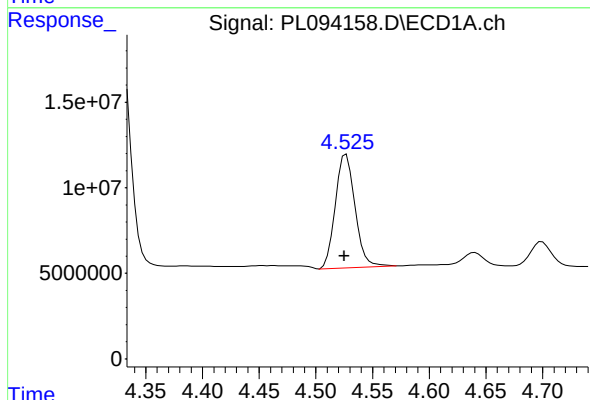
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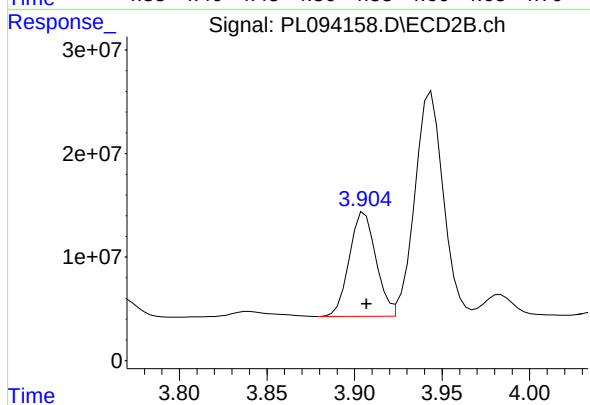
#5 Aldrin

R.T.: 4.223 min
Delta R.T.: -0.002 min
Response: 237527702
Conc: 52.07 ng/ml



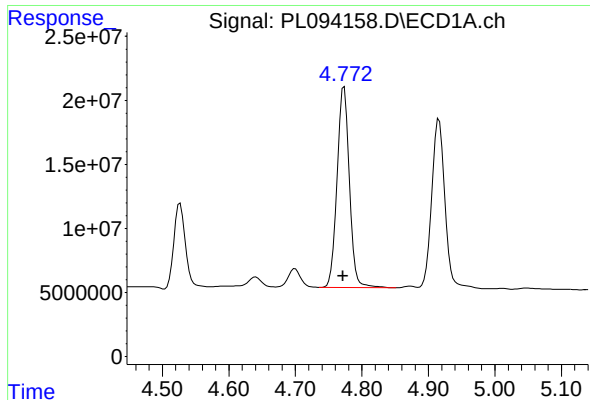
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 80379434
Conc: 50.01 ng/ml m



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: -0.001 min
Response: 106326789
Conc: 53.23 ng/ml



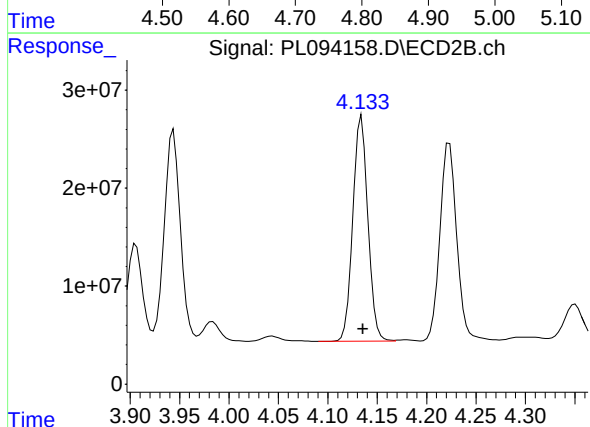
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.001 min
Response: 200056853
Conc: 57.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
346MS

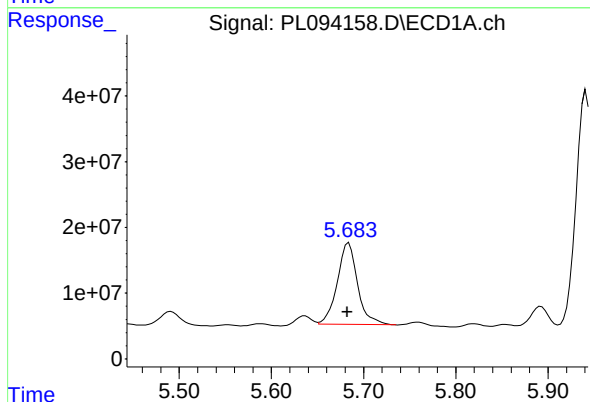
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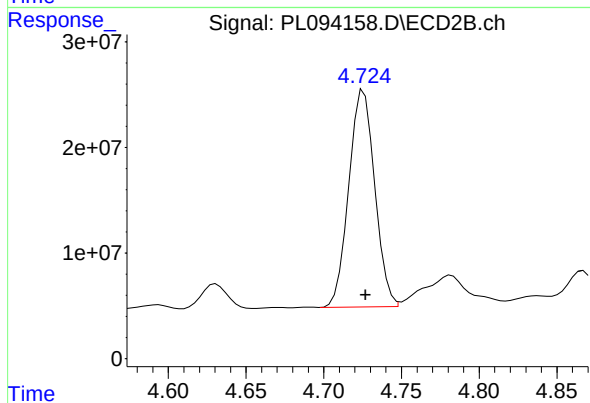
#7 delta-BHC

R.T.: 4.134 min
Delta R.T.: -0.002 min
Response: 244253205
Conc: 51.41 ng/ml



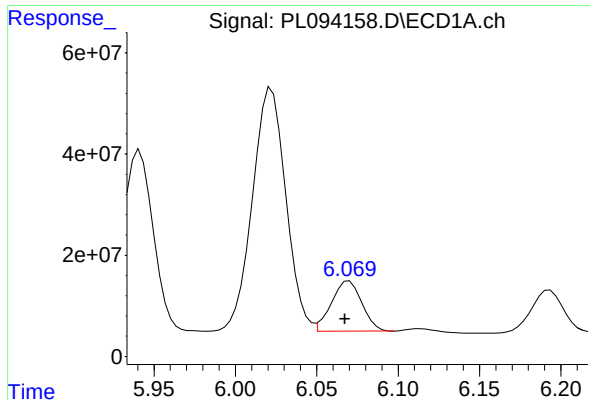
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 187867115
Conc: 63.17 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: -0.003 min
Response: 239718708
Conc: 57.35 ng/ml m



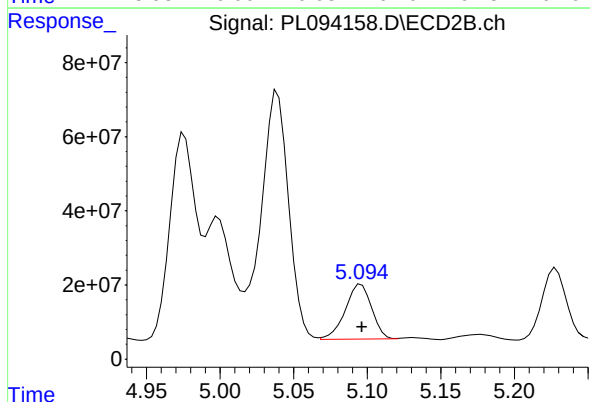
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.003 min
Response: 128253062
Conc: 48.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
346MS

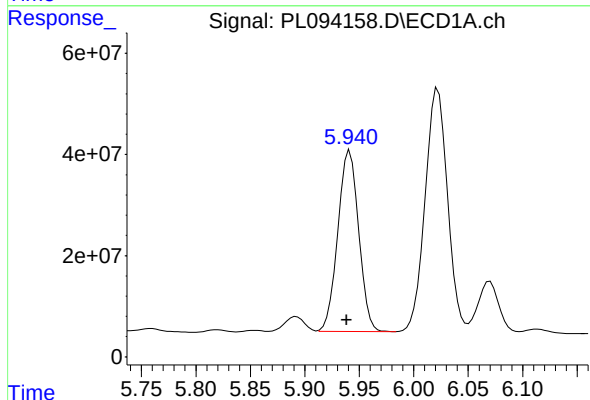
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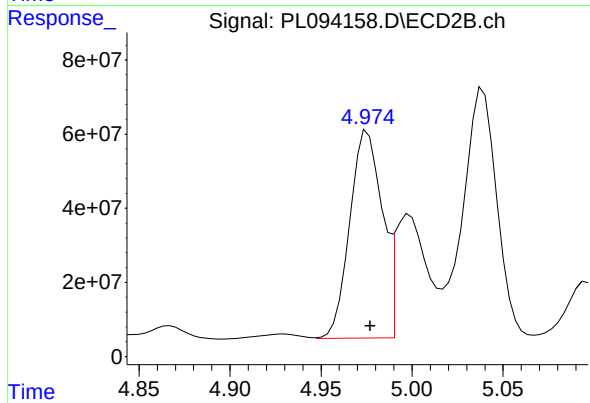
#9 Endosulfan I

R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 185729506
Conc: 47.91 ng/ml



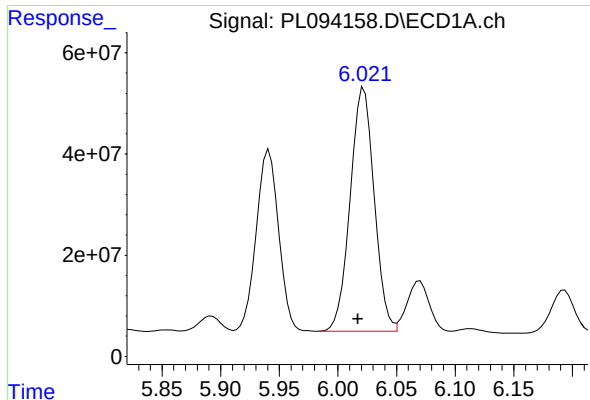
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.003 min
Response: 475805971
Conc: 170.70 ng/ml



#10 gamma-Chlordane

R.T.: 4.976 min
Delta R.T.: -0.001 min
Response: 694462817
Conc: 163.88 ng/ml



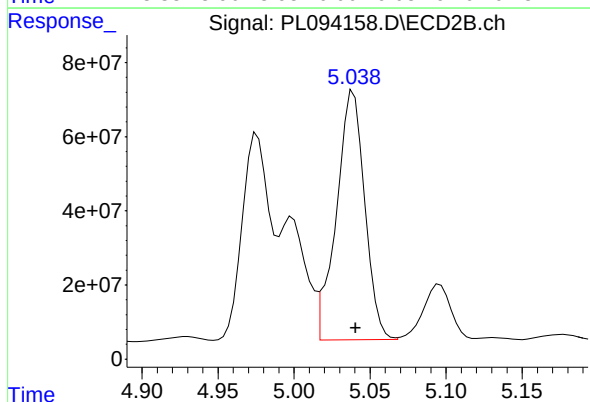
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: 0.005 min
Response: 686073279
Conc: 246.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
346MS

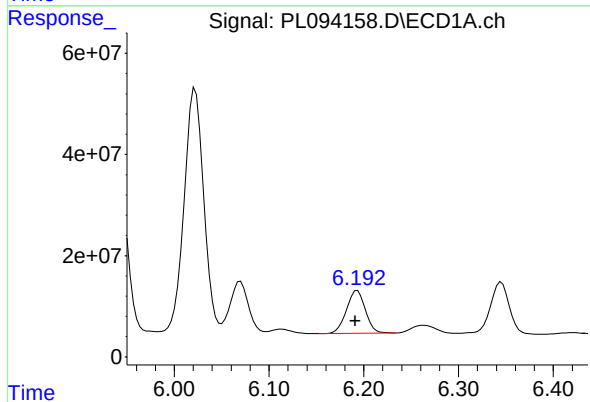
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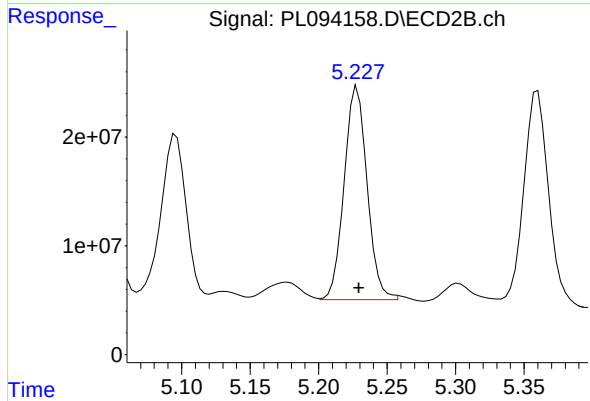
#11 alpha-Chlordane

R.T.: 5.039 min
Delta R.T.: -0.001 min
Response: 874598456
Conc: 208.91 ng/ml



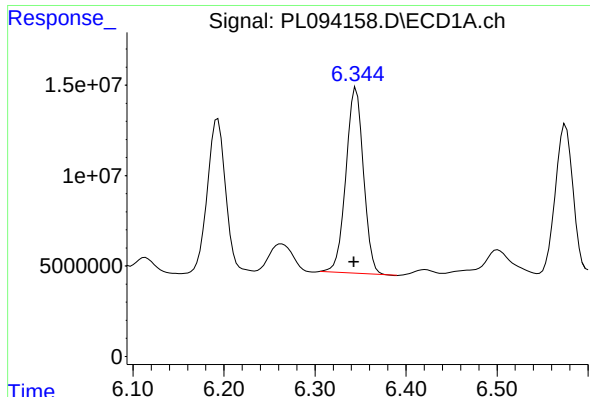
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.002 min
Response: 117273833
Conc: 48.17 ng/ml



#12 4,4'-DDE

R.T.: 5.227 min
Delta R.T.: -0.003 min
Response: 229210778
Conc: 57.17 ng/ml m



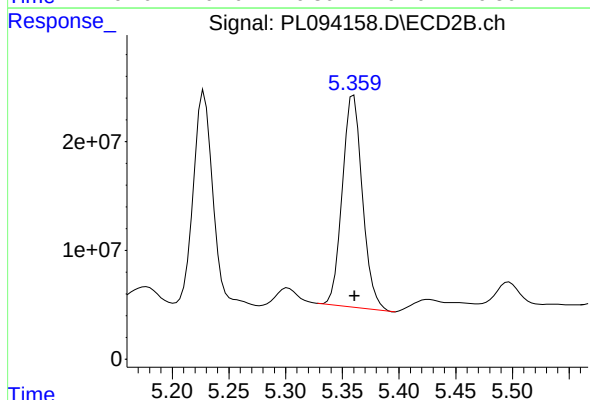
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.002 min
Response: 137688175
Conc: 49.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
346MS

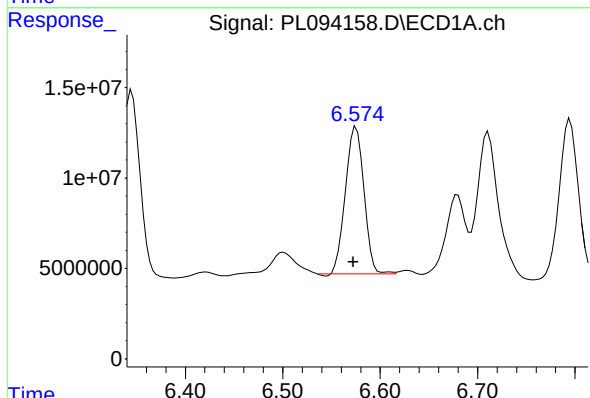
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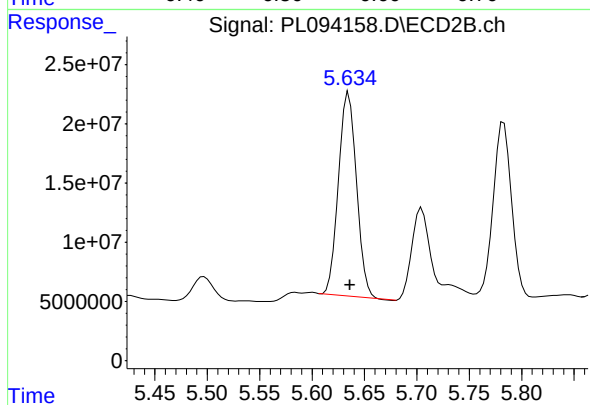
#13 Dieldrin

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 239937429
Conc: 55.86 ng/ml



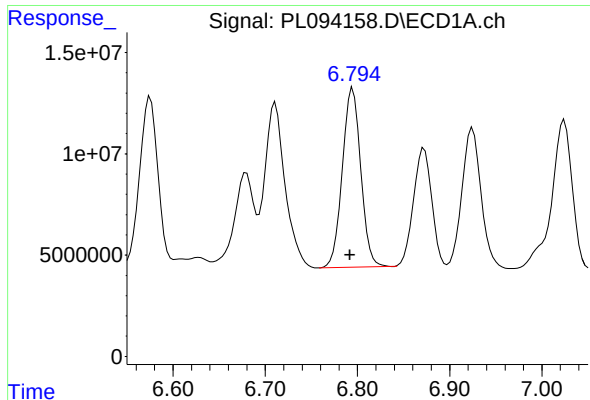
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.003 min
Response: 106983971
Conc: 45.63 ng/ml



#14 Endrin

R.T.: 5.635 min
Delta R.T.: -0.002 min
Response: 205205968
Conc: 55.57 ng/ml



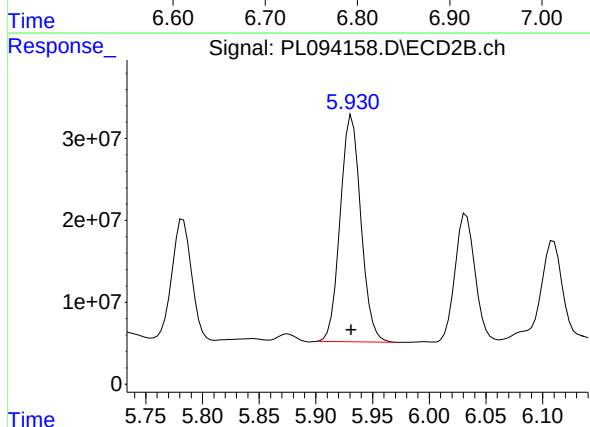
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: 0.003 min
Response: 119199888
Conc: 49.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
346MS

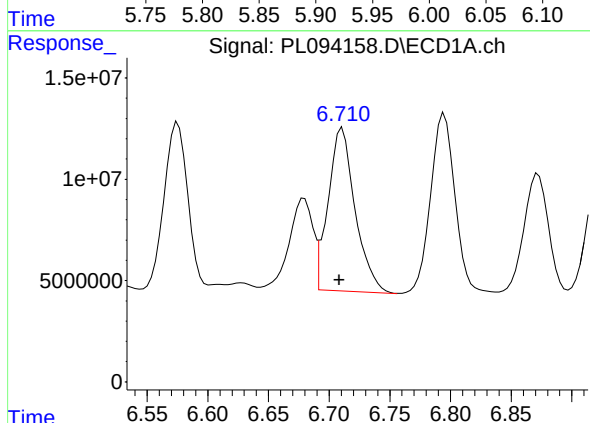
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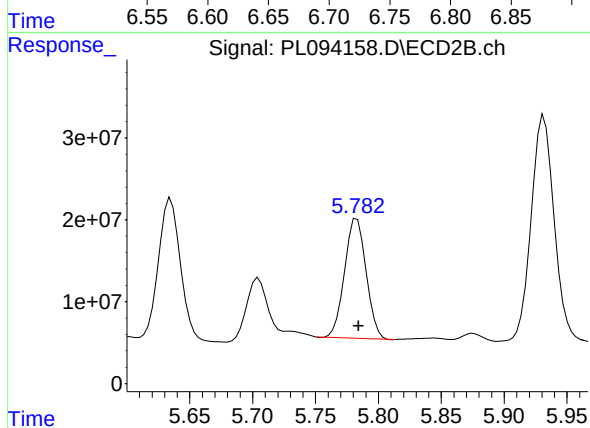
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 350897232
Conc: 94.74 ng/ml



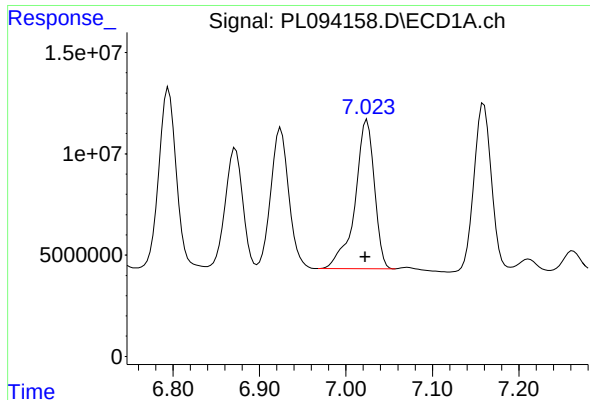
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.001 min
Response: 122575410
Conc: 64.49 ng/ml m



#16 4,4'-DDD

R.T.: 5.783 min
Delta R.T.: -0.001 min
Response: 173559837
Conc: 54.98 ng/ml



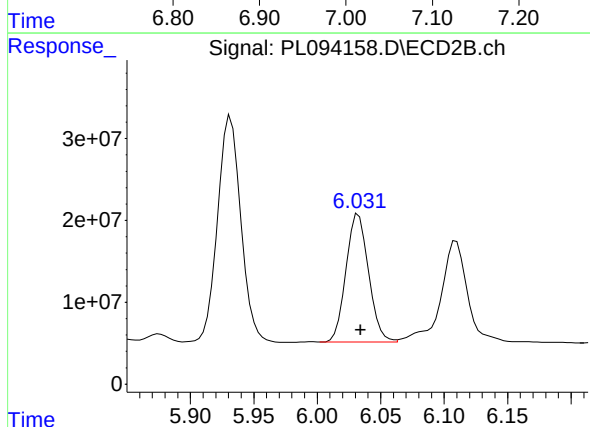
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.002 min
Response: 114460200
Conc: 58.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
346MS

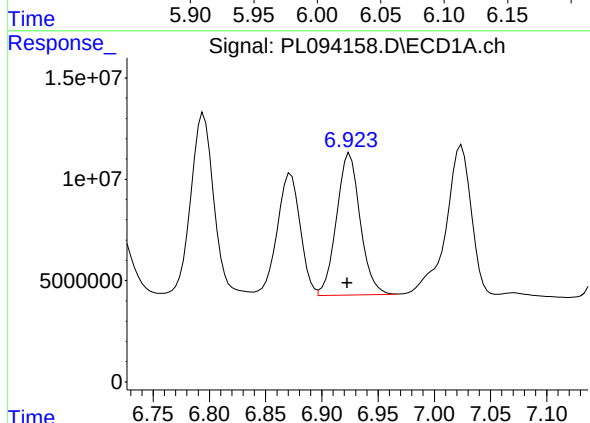
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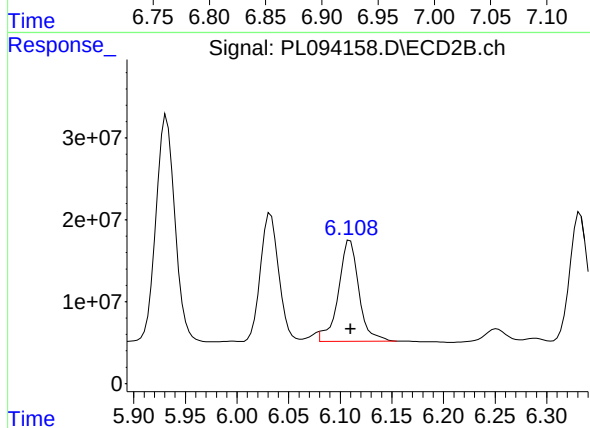
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: -0.002 min
Response: 193082645
Conc: 59.34 ng/ml



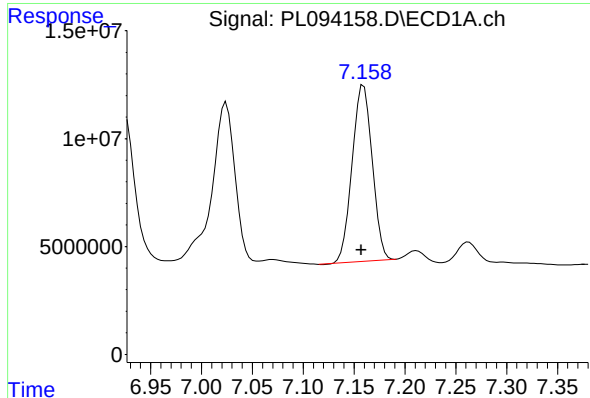
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 102109799
Conc: 52.52 ng/ml m



#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: -0.002 min
Response: 169511982
Conc: 55.68 ng/ml m



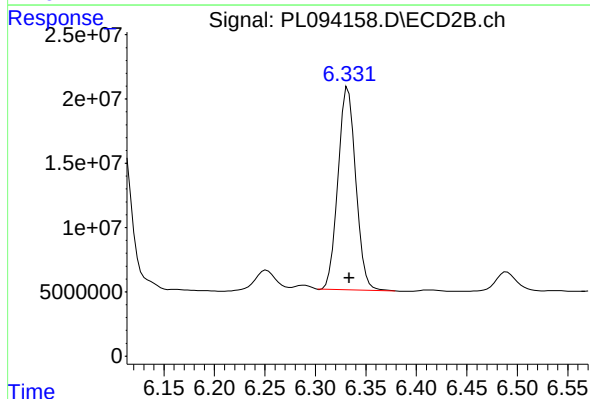
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.002 min
Response: 112306385
Conc: 49.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
346MS

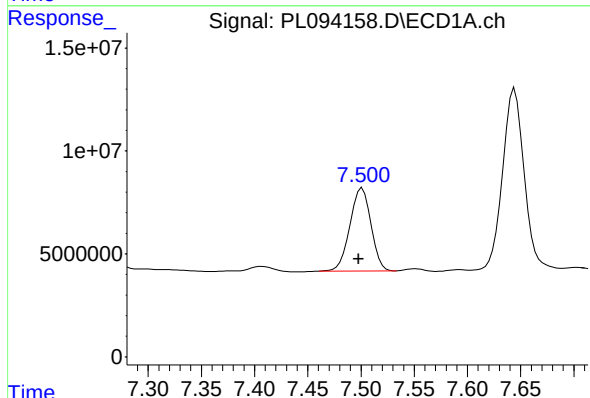
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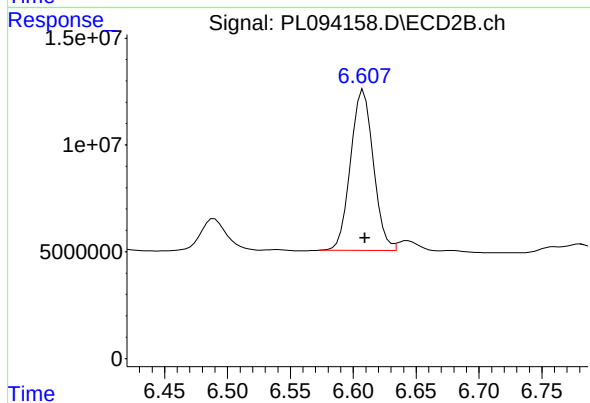
#19 Endosulfan Sulfate

R.T.: 6.332 min
Delta R.T.: -0.001 min
Response: 193219223
Conc: 54.18 ng/ml



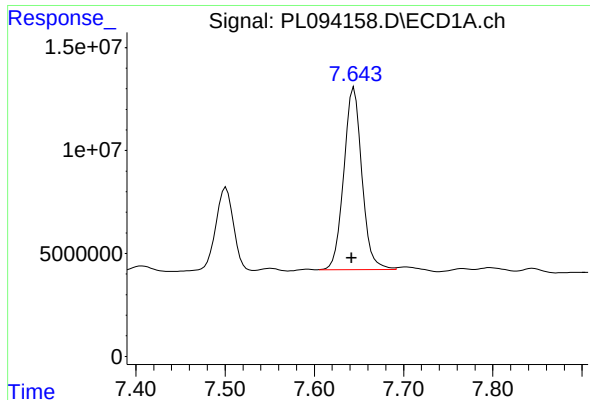
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.003 min
Response: 55197719
Conc: 52.90 ng/ml



#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: -0.001 min
Response: 94597393
Conc: 52.90 ng/ml



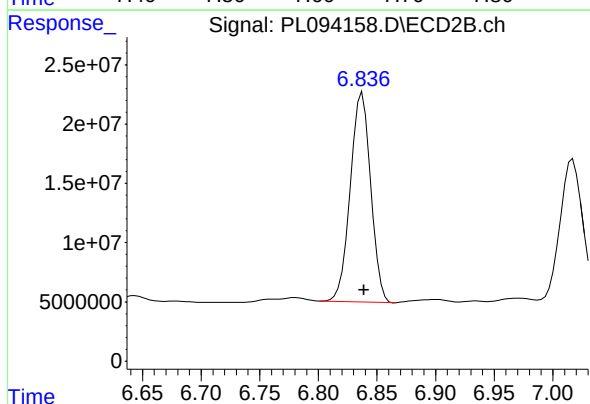
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.003 min
Response: 124819525
Conc: 49.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
346MS

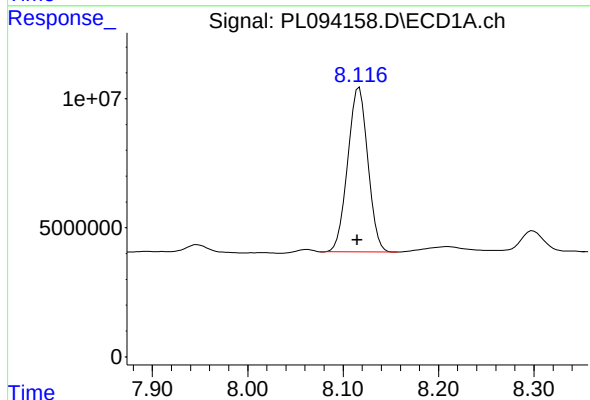
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Supervised By :Ankita Jodhani 02/13/2025



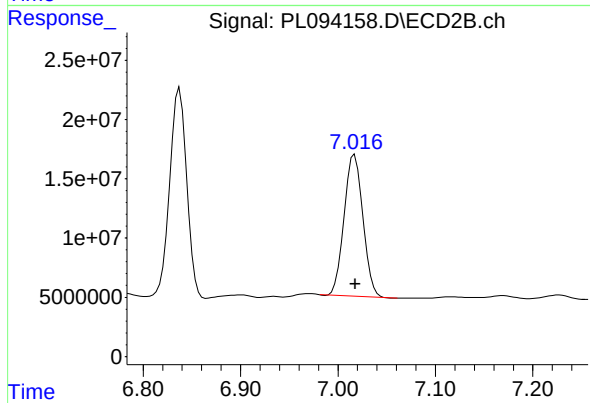
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: -0.002 min
Response: 214007870
Conc: 51.01 ng/ml



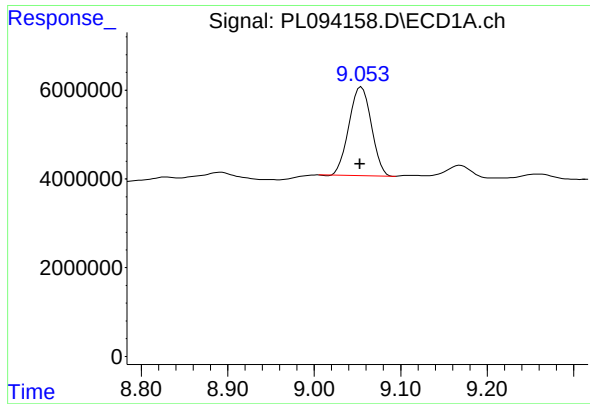
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.002 min
Response: 93994723
Conc: 45.14 ng/ml



#22 Mirex

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 159120322
Conc: 47.05 ng/ml



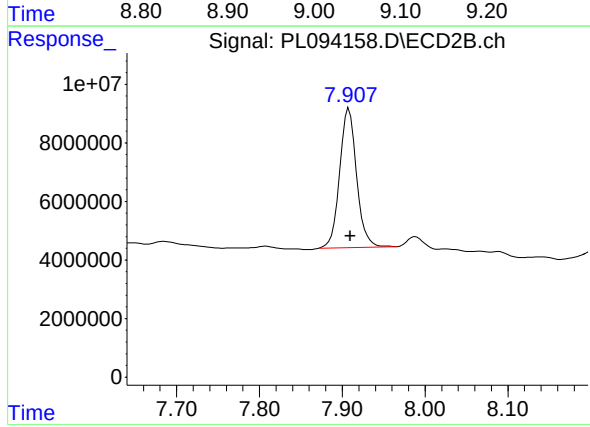
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.002 min
Response: 36052545
Conc: 17.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
346MS

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: 67609325
Conc: 19.29 ng/ml