

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030625\
 Data File : PL094537.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Mar 2025 16:47
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/07/2025
 Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 00:08:42 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...	3.540	2.772	129.2E6	164.3E6	50.878	51.498
28)	SA Decachlor...	9.061	7.910	98520622	171.4E6	46.313	44.561
Target Compounds							
2)	A alpha-BHC	3.996	3.274	188.9E6	249.8E6	49.934	50.830
3)	MA gamma-BHC...	4.329	3.604	182.5E6	240.7E6	49.402	51.096
4)	MA Heptachlor	4.917	3.942	166.5E6	233.1E6	49.119	49.390
5)	MB Aldrin	5.259	4.222	169.8E6	233.3E6	49.478	50.504
6)	B beta-BHC	4.528	3.905	79254528	100.8E6	49.630	50.666
7)	B delta-BHC	4.773	4.133	179.9E6	242.5E6	50.830m	51.211
8)	B Heptachlo...	5.686	4.725	150.2E6	212.6E6	49.840	49.966
9)	A Endosulfan I	6.072	5.095	133.7E6	194.2E6	48.639	48.721
10)	B gamma-Chl...	5.942	4.975	145.2E6	216.3E6	49.460	49.853
11)	B alpha-Chl...	6.021	5.039	142.2E6	213.2E6	49.083	49.381
12)	B 4,4'-DDE	6.195	5.228	134.9E6	214.2E6	51.643	51.007
13)	MA Dieldrin	6.347	5.359	140.3E6	218.9E6	49.260	49.947
14)	MA Endrin	6.577	5.635	113.6E6	182.3E6	44.495	53.540
15)	B Endosulfa...	6.798	5.930	117.9E6	189.9E6	46.846	50.790
16)	A 4,4'-DDD	6.713	5.783	105.5E6	175.9E6	57.008	55.229
17)	MA 4,4'-DDT	7.027	6.033	98640939	171.7E6	46.971	48.278
18)	B Endrin al...	6.928	6.110	94471590	155.9E6	48.527	49.323
19)	B Endosulfa...	7.162	6.333	106.9E6	180.7E6	47.216	48.913
20)	A Methoxychlor	7.504	6.608	52038299	90095411	46.837	46.178
21)	B Endrin ke...	7.648	6.838	118.8E6	217.3E6	47.401	50.912
22)	Mirex	8.121	7.018	92300630	165.1E6	44.734	47.344

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030625\
Data File : PL094537.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 16:47
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

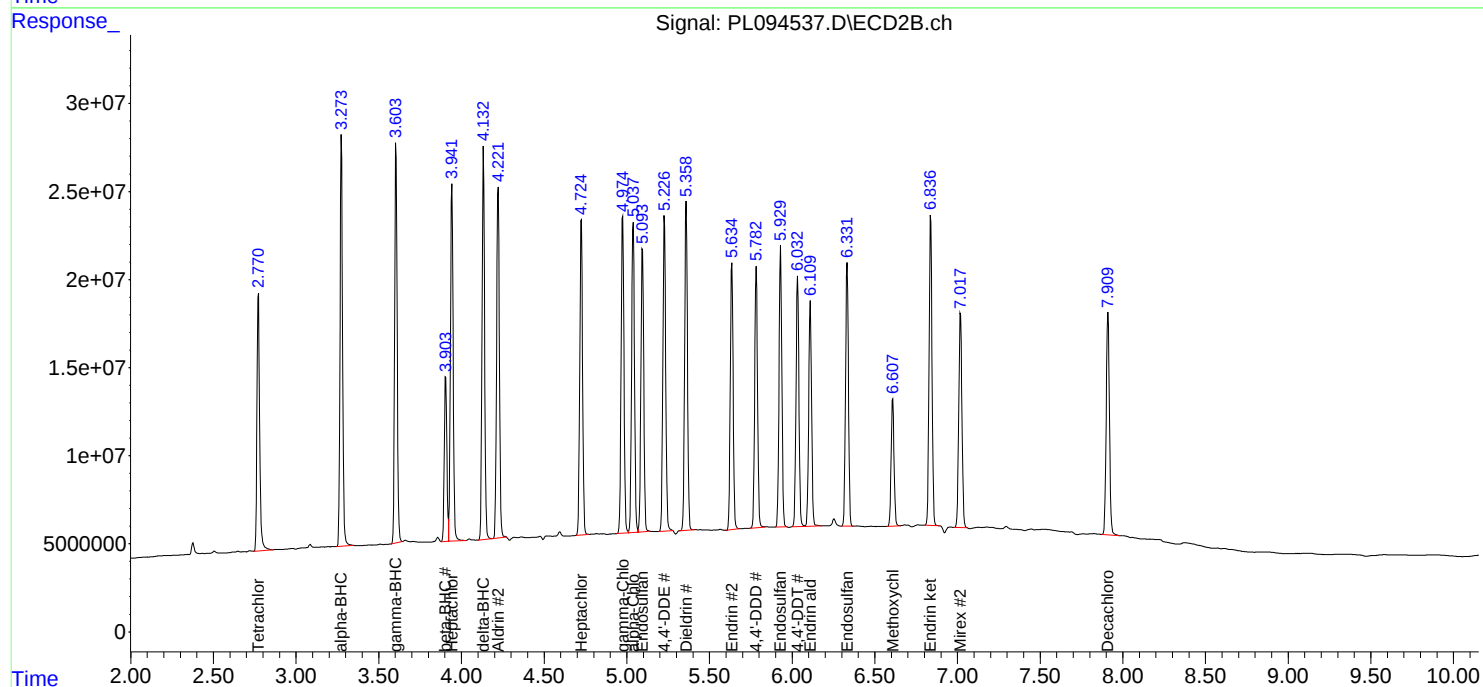
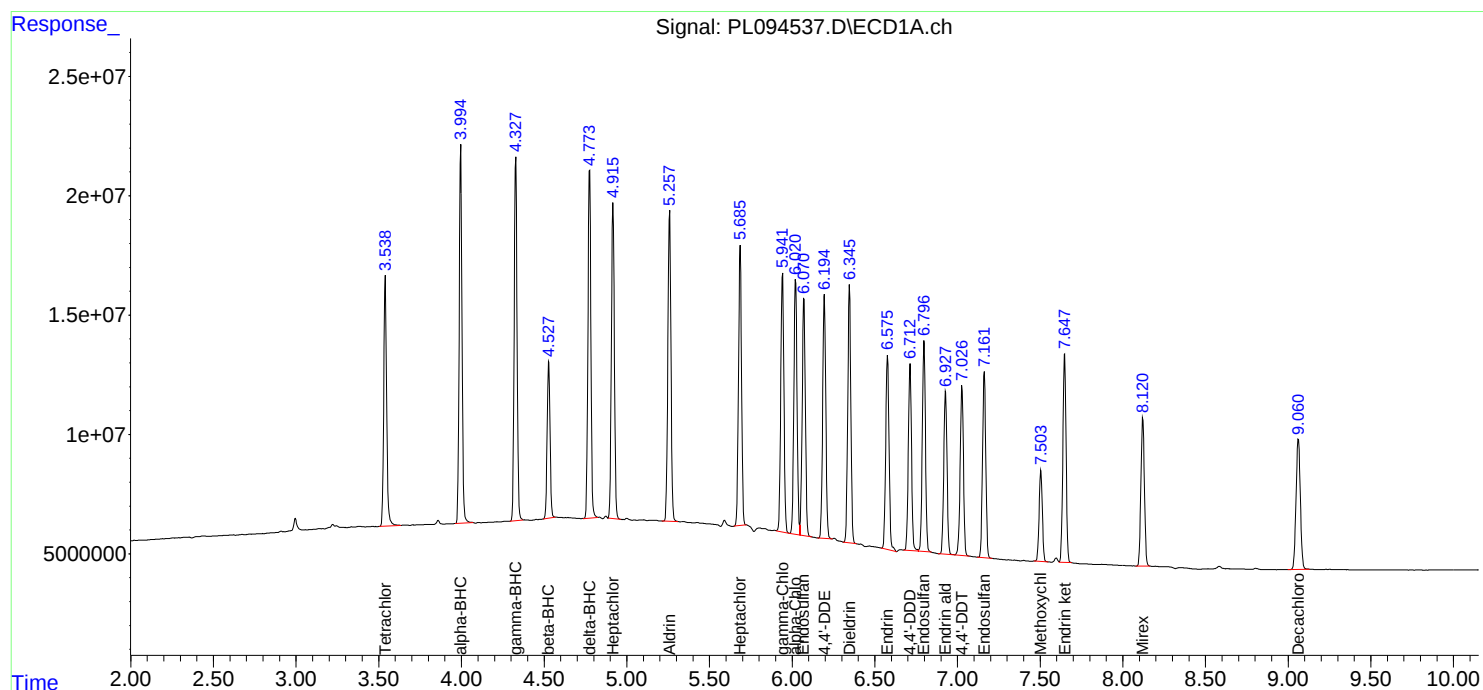
APPROVED

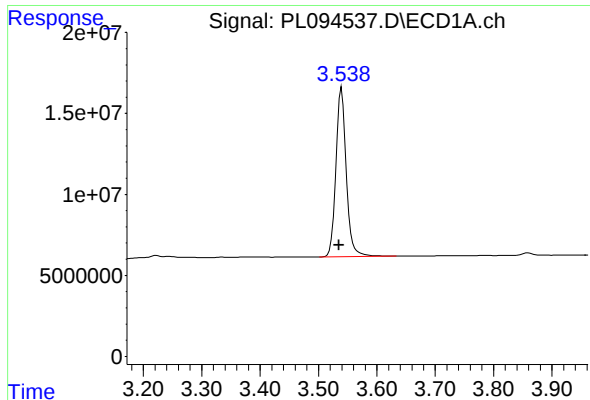
Reviewed By :Abdul Mirza 03/07/2025

Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 00:08:42 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





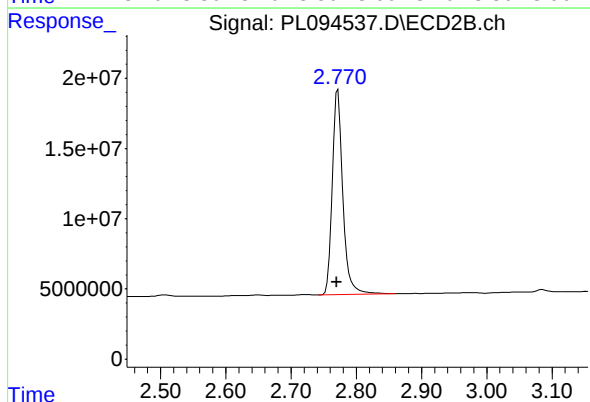
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.005 min
Response: 129184656
Conc: 50.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

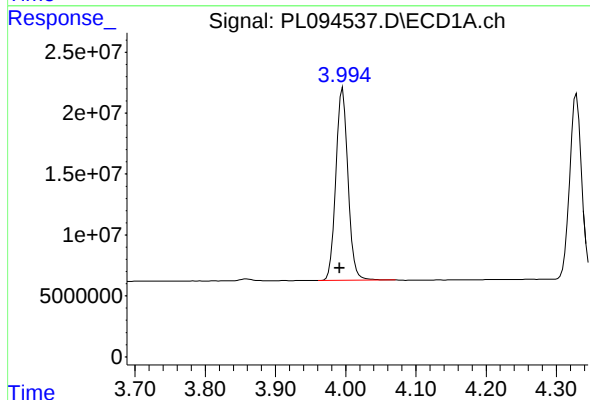
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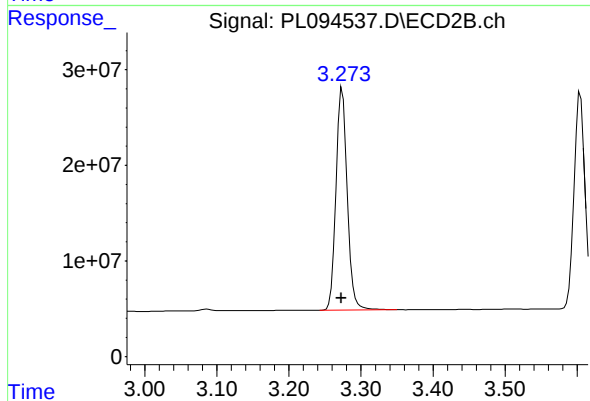
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.002 min
Response: 164338681
Conc: 51.50 ng/ml



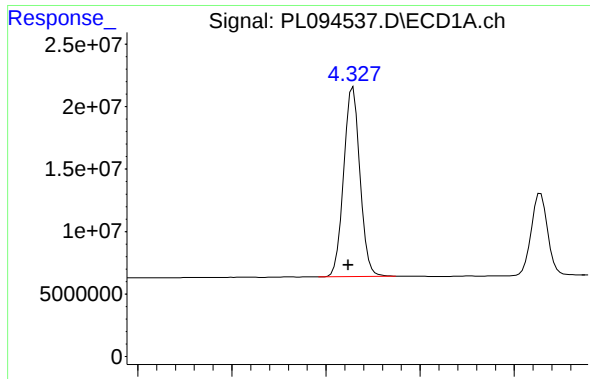
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.004 min
Response: 188882465
Conc: 49.93 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.002 min
Response: 249819037
Conc: 50.83 ng/ml



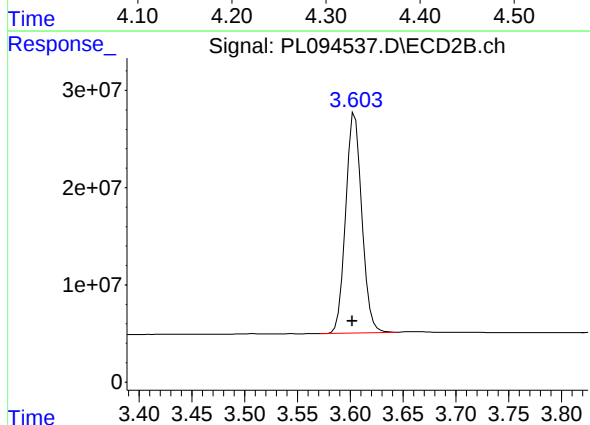
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.005 min
Response: 182527720
Conc: 49.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

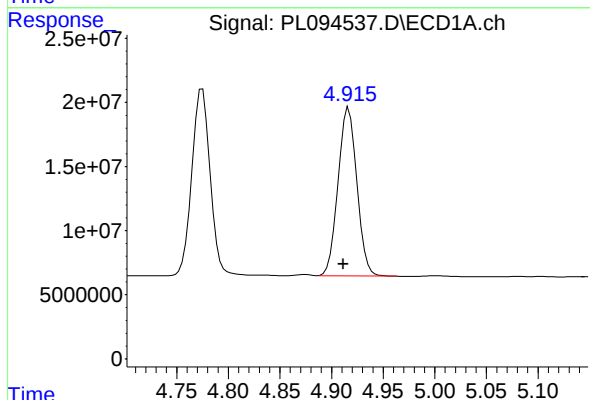
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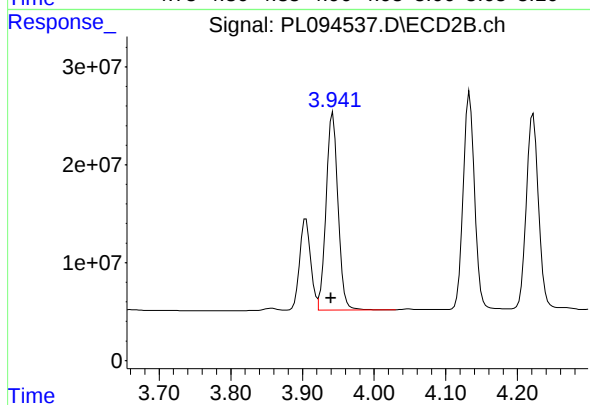
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.002 min
Response: 240659663
Conc: 51.10 ng/ml



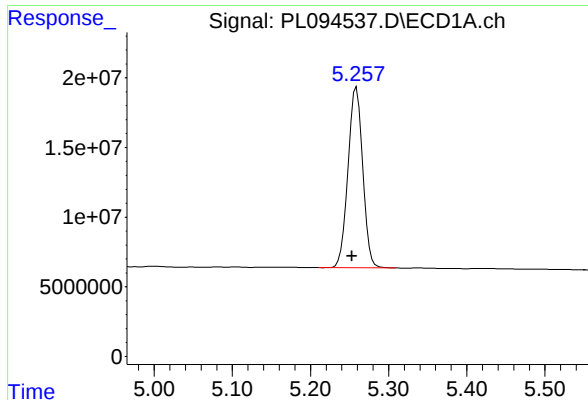
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: 0.005 min
Response: 166529794
Conc: 49.12 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.003 min
Response: 233136523
Conc: 49.39 ng/ml



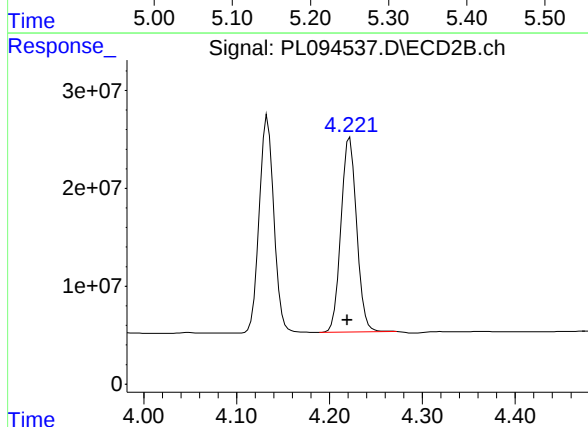
#5 Aldrin

R.T.: 5.259 min
Delta R.T.: 0.006 min
Response: 169796000
Conc: 49.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

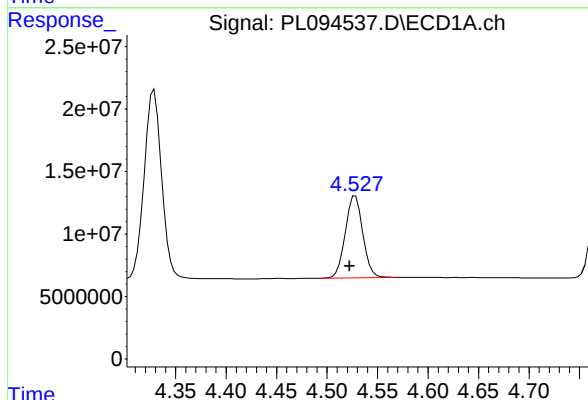
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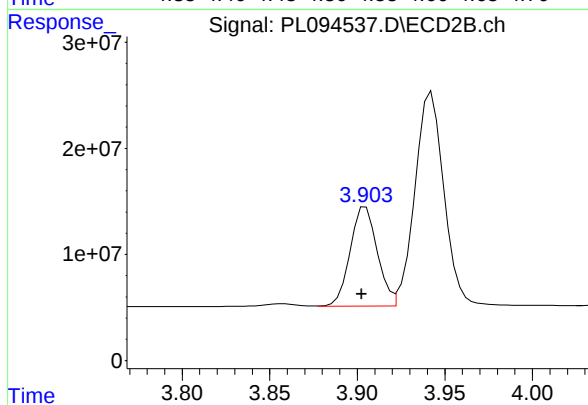
#5 Aldrin

R.T.: 4.222 min
Delta R.T.: 0.003 min
Response: 233345429
Conc: 50.50 ng/ml



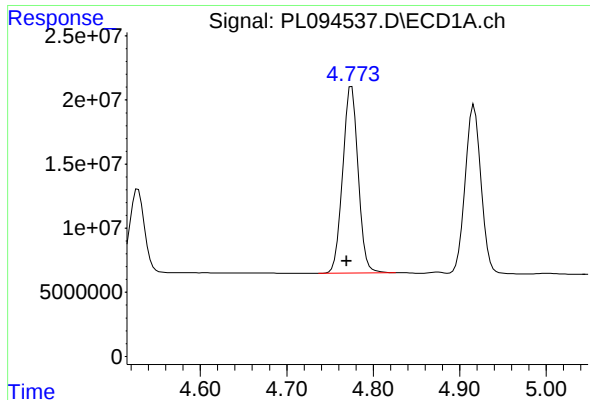
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.006 min
Response: 79254528
Conc: 49.63 ng/ml



#6 beta-BHC

R.T.: 3.905 min
Delta R.T.: 0.002 min
Response: 100770047
Conc: 50.67 ng/ml



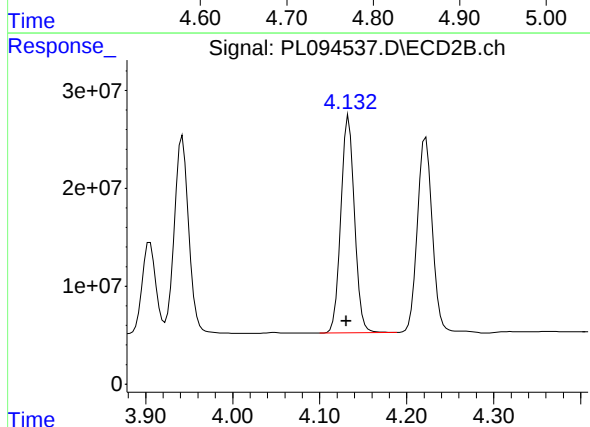
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.004 min
Response: 179850957
Conc: 50.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

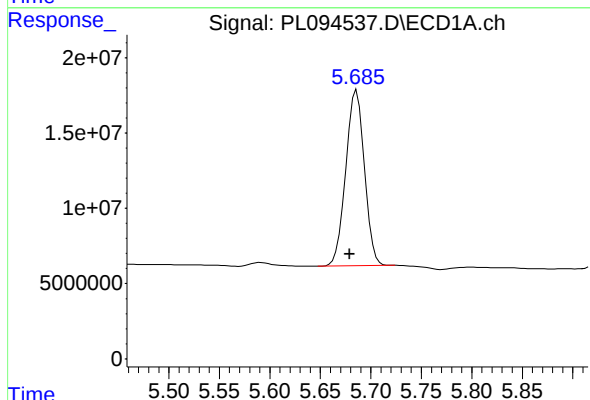
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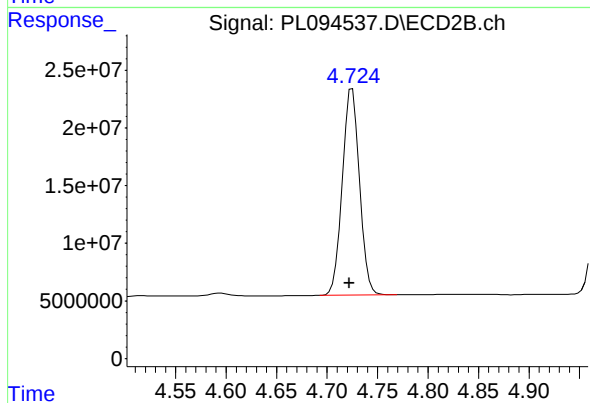
#7 delta-BHC

R.T.: 4.133 min
Delta R.T.: 0.003 min
Response: 242519088
Conc: 51.21 ng/ml



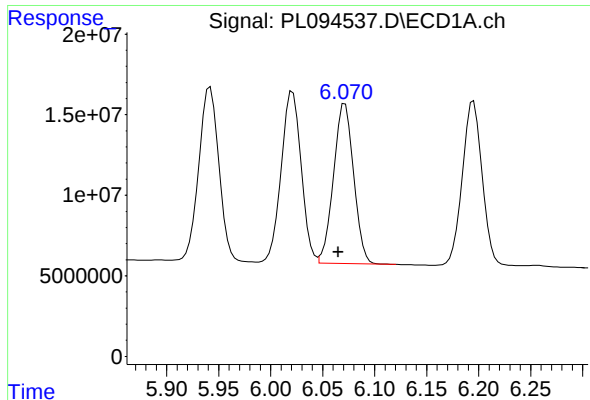
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: 0.007 min
Response: 150187634
Conc: 49.84 ng/ml



#8 Heptachlor epoxide

R.T.: 4.725 min
Delta R.T.: 0.003 min
Response: 212624374
Conc: 49.97 ng/ml



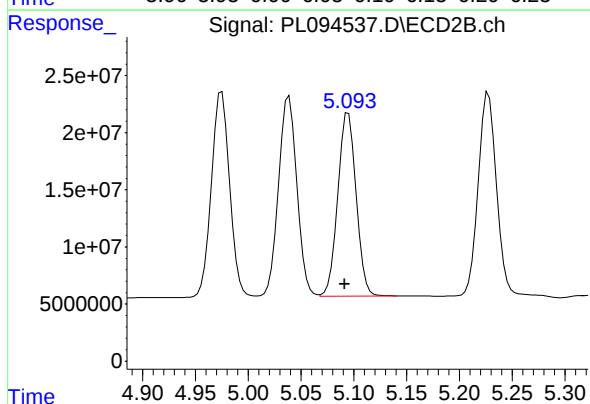
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.006 min
Response: 133691445
Conc: 48.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

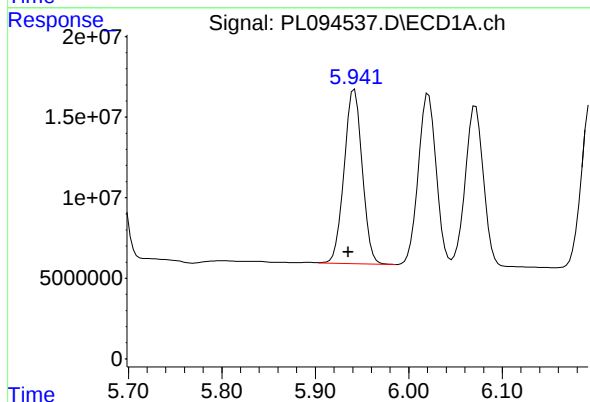
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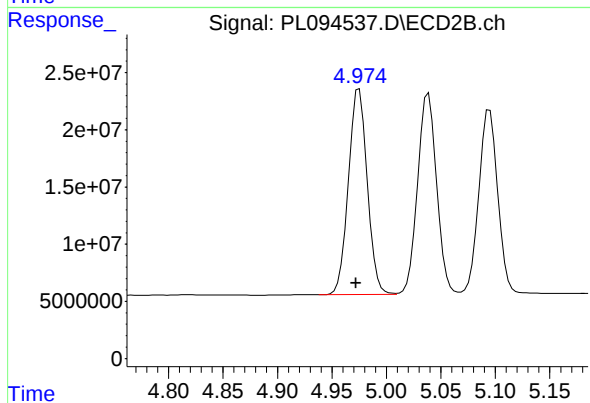
#9 Endosulfan I

R.T.: 5.095 min
Delta R.T.: 0.004 min
Response: 194231219
Conc: 48.72 ng/ml



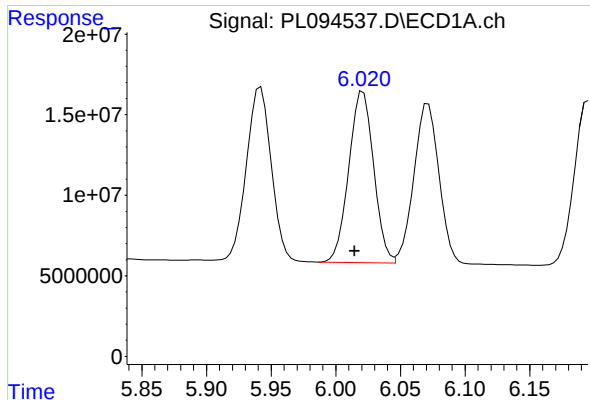
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.007 min
Response: 145221778
Conc: 49.46 ng/ml



#10 gamma-Chlordane

R.T.: 4.975 min
Delta R.T.: 0.003 min
Response: 216302794
Conc: 49.85 ng/ml



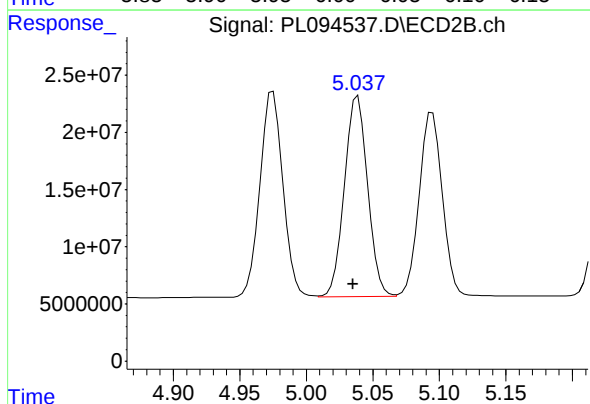
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.007 min
Response: 142197575
Conc: 49.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

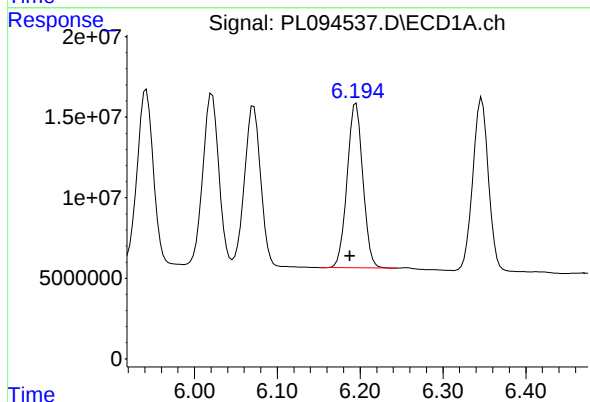
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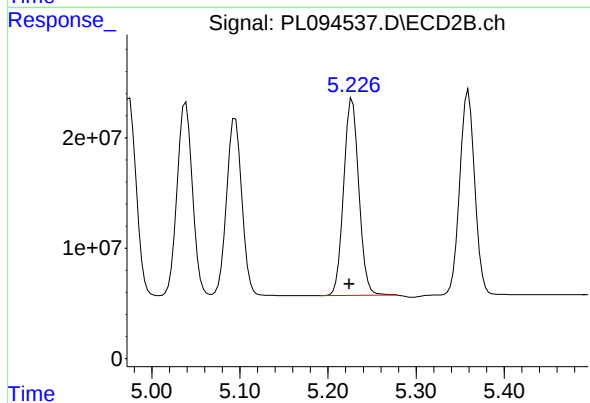
#11 alpha-Chlordane

R.T.: 5.039 min
Delta R.T.: 0.004 min
Response: 213208315
Conc: 49.38 ng/ml



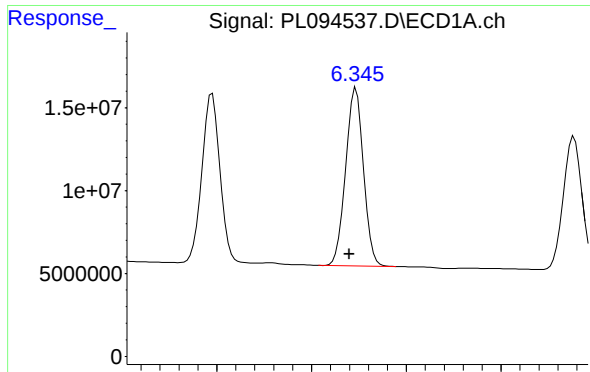
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.007 min
Response: 134877823
Conc: 51.64 ng/ml



#12 4,4'-DDE

R.T.: 5.228 min
Delta R.T.: 0.004 min
Response: 214228575
Conc: 51.01 ng/ml



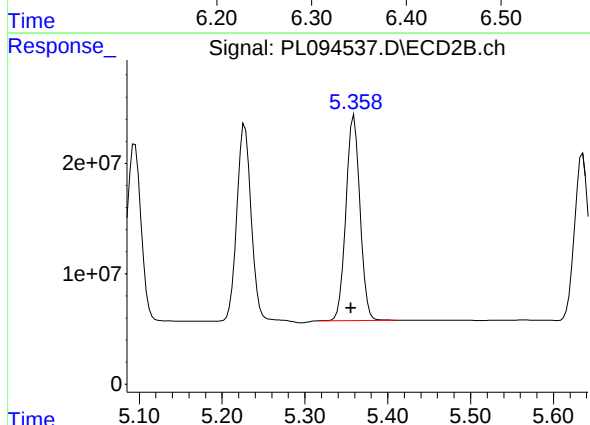
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: 0.007 min
Response: 140342334
Conc: 49.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

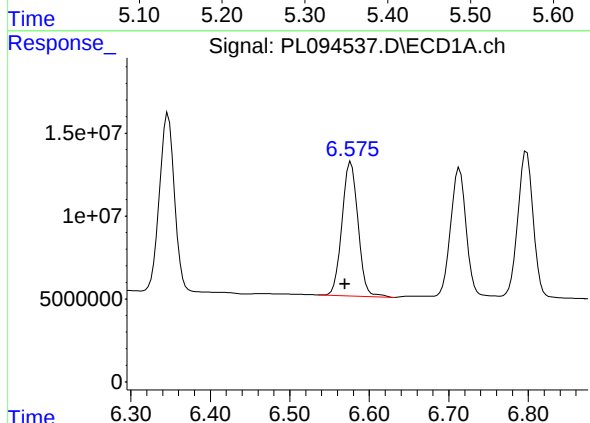
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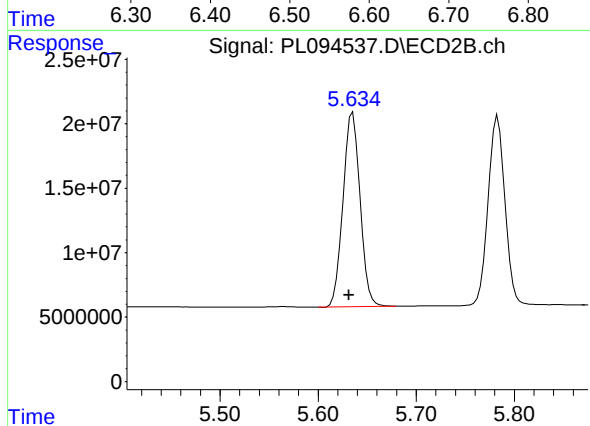
#13 Dieldrin

R.T.: 5.359 min
Delta R.T.: 0.004 min
Response: 218856170
Conc: 49.95 ng/ml



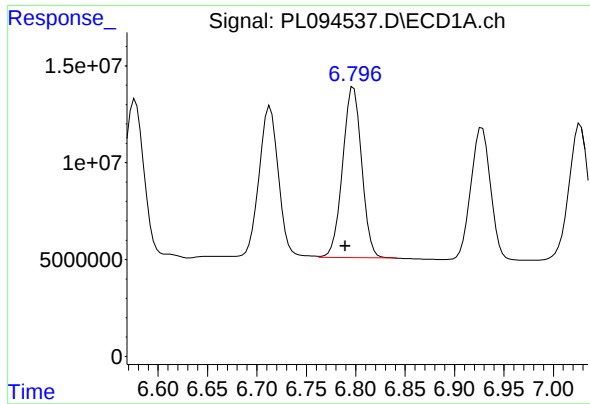
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.007 min
Response: 113563088
Conc: 44.49 ng/ml



#14 Endrin

R.T.: 5.635 min
Delta R.T.: 0.004 min
Response: 182287737
Conc: 53.54 ng/ml



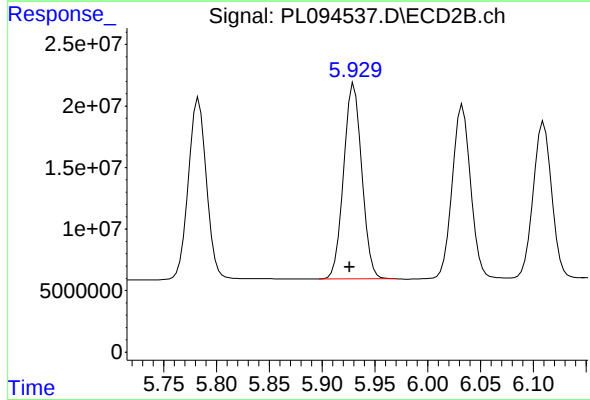
#15 Endosulfan II

R.T.: 6.798 min
Delta R.T.: 0.008 min
Response: 117922679
Conc: 46.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

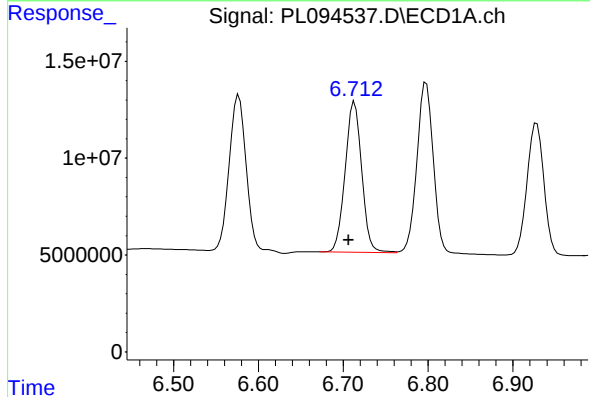
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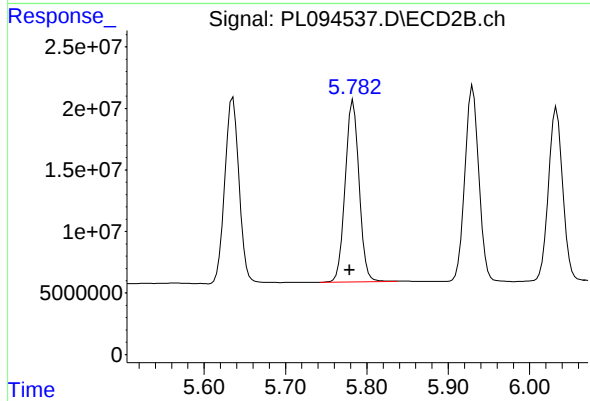
#15 Endosulfan II

R.T.: 5.930 min
Delta R.T.: 0.004 min
Response: 189930025
Conc: 50.79 ng/ml



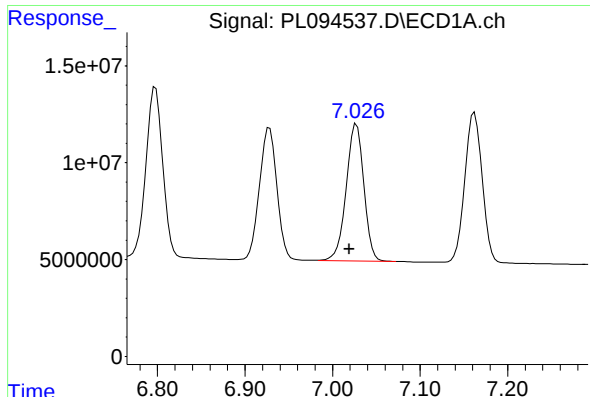
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.007 min
Response: 105450496
Conc: 57.01 ng/ml



#16 4,4'-DDD

R.T.: 5.783 min
Delta R.T.: 0.004 min
Response: 175921793
Conc: 55.23 ng/ml



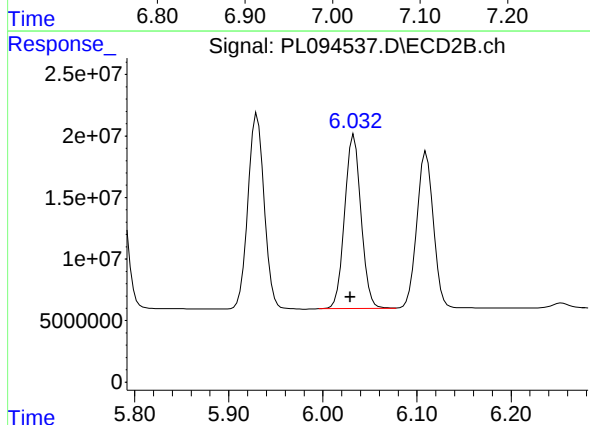
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.008 min
Response: 98640939
Conc: 46.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

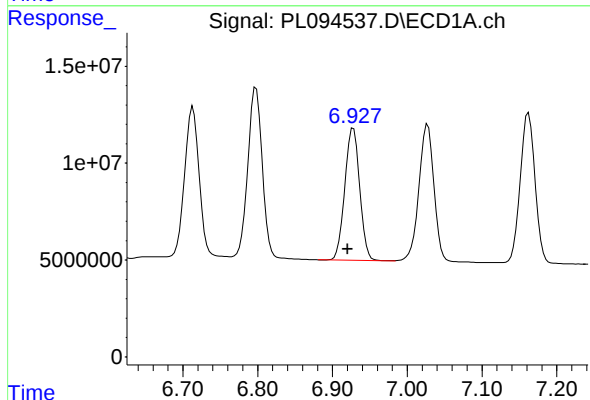
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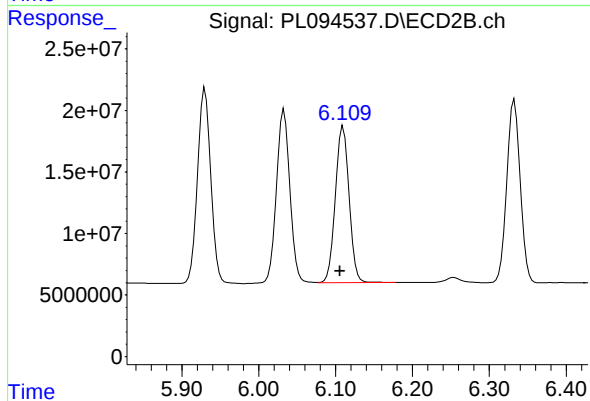
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: 0.004 min
Response: 171723482
Conc: 48.28 ng/ml



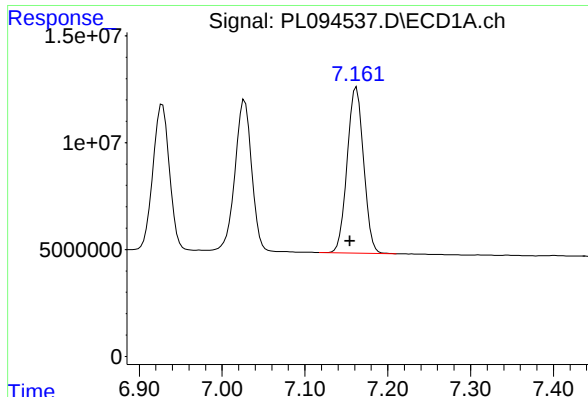
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.008 min
Response: 94471590
Conc: 48.53 ng/ml



#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: 0.004 min
Response: 155883038
Conc: 49.32 ng/ml



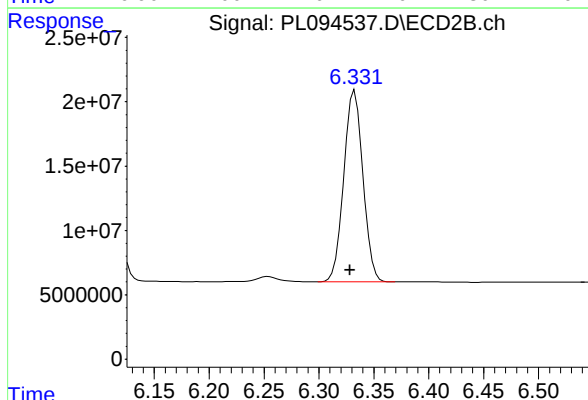
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: 0.008 min
Response: 106889719
Conc: 47.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

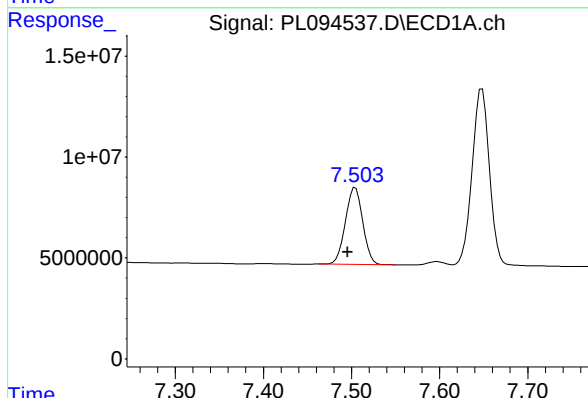
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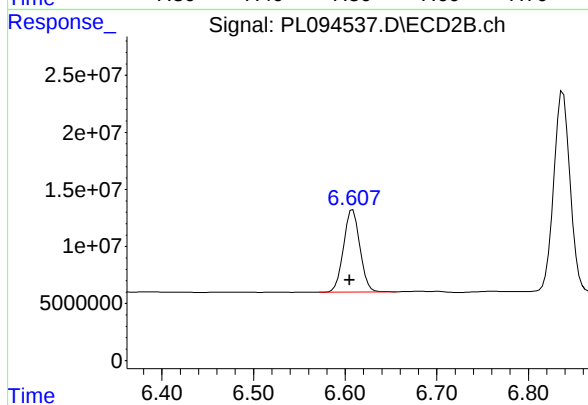
#19 Endosulfan Sulfate

R.T.: 6.333 min
Delta R.T.: 0.004 min
Response: 180666633
Conc: 48.91 ng/ml



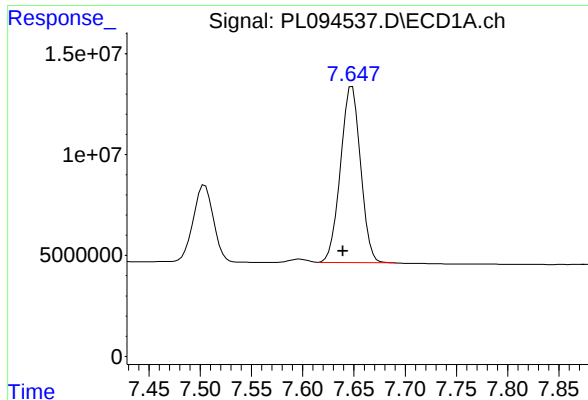
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.009 min
Response: 52038299
Conc: 46.84 ng/ml



#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: 0.003 min
Response: 90095411
Conc: 46.18 ng/ml



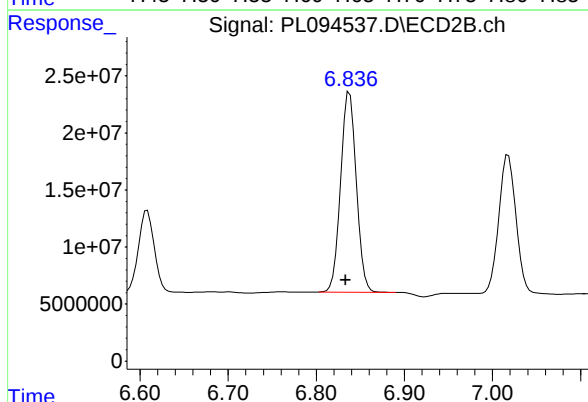
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.009 min
Response: 118830346
Conc: 47.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

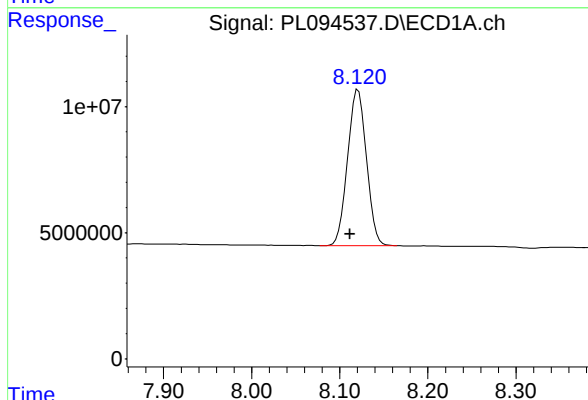
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



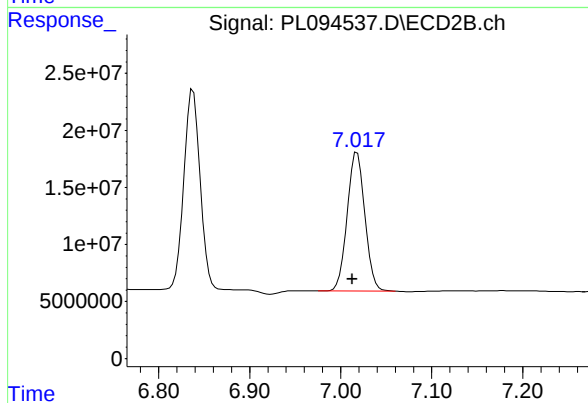
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: 0.004 min
Response: 217267970
Conc: 50.91 ng/ml



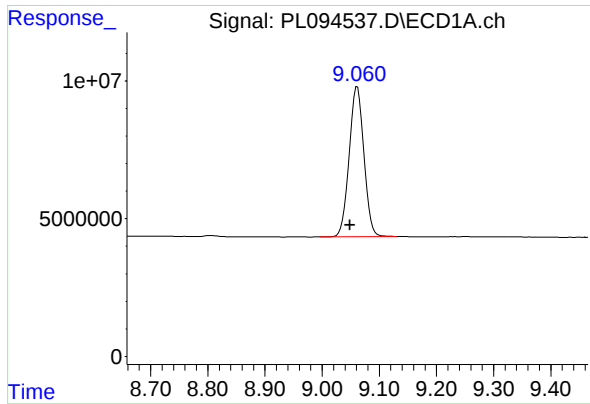
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.009 min
Response: 92300630
Conc: 44.73 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: 0.005 min
Response: 165089030
Conc: 47.34 ng/ml



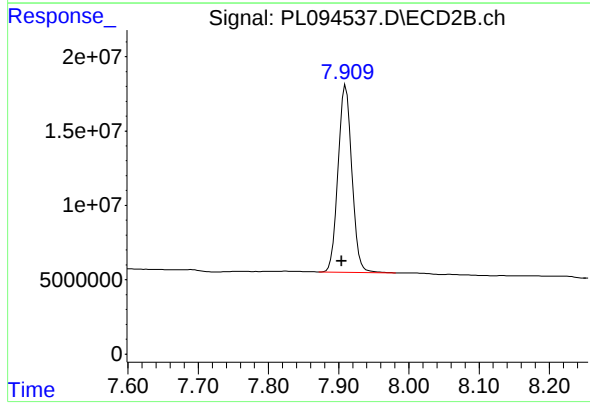
#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.012 min
Response: 98520622
Conc: 46.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :mohammad ahmed 03/08/2025



#28 Decachlorobiphenyl

R.T.: 7.910 min
Delta R.T.: 0.006 min
Response: 171364029
Conc: 44.56 ng/ml