

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021925\
 Data File : PL094287.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 08:29
 Operator : AR\AJ
 Sample : Q1383-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OU4-PCS-TC-11-021725MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/20/2025
 Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 11:41:03 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...	3.540	2.774	58650391	74921913	21.781m	22.953
28) SA Decachlor...	9.058	7.910	41626282	76139224	19.899m	21.729
Target Compounds						
2) A alpha-BHC	3.998	3.276	162.3E6	216.2E6	42.336	44.228
3) MA gamma-BHC...	4.331	3.607	154.7E6	206.2E6	42.001	43.499
4) MA Heptachlor	4.918	3.945	149.4E6	213.6E6	45.583	45.895
5) MB Aldrin	5.260	4.224	142.0E6	200.3E6	43.405	43.901
6) B beta-BHC	4.530	3.907	69435097	90428981	43.199	45.272
7) B delta-BHC	4.776	4.136	155.4E6	207.9E6	44.345	43.748
8) B Heptachlo...	5.687	4.727	128.3E6	187.6E6	43.148	44.867
9) A Endosulfan I	6.072	5.097	115.1E6	177.0E6	43.537	45.659
10) B gamma-Chl...	5.943	4.977	128.3E6	204.8E6	46.041	48.338
11) B alpha-Chl...	6.022	5.040	125.3E6	194.5E6	44.932	46.467
12) B 4,4'-DDE	6.195	5.230	116.1E6	192.8E6	47.685	48.076
13) MA Dieldrin	6.347	5.361	122.4E6	200.1E6	44.081	46.573
14) MA Endrin	6.577	5.635	104.9E6	178.4E6	44.758	48.312m
15) B Endosulfa...	6.797	5.930	105.6E6	179.0E6	43.818	48.316m
16) A 4,4'-DDD	6.713	5.785	93214673	149.7E6	49.046	47.428
17) MA 4,4'-DDT	7.026	6.033	92851897	168.7E6	47.084	51.856m
18) B Endrin al...	6.927	6.111	81624625	137.2E6	41.987	45.075
19) B Endosulfa...	7.162	6.332	100.3E6	158.6E6	44.302	44.483m
20) A Methoxychlor	7.504	6.610	54418599	85011989	52.155	47.542
21) B Endrin ke...	7.647	6.839	112.2E6	190.3E6	44.475	45.368
22) Mirex	8.120	7.018	85396100	151.9E6	41.007	44.906m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021925\
Data File : PL094287.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 08:29
Operator : AR\AJ
Sample : Q1383-01MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

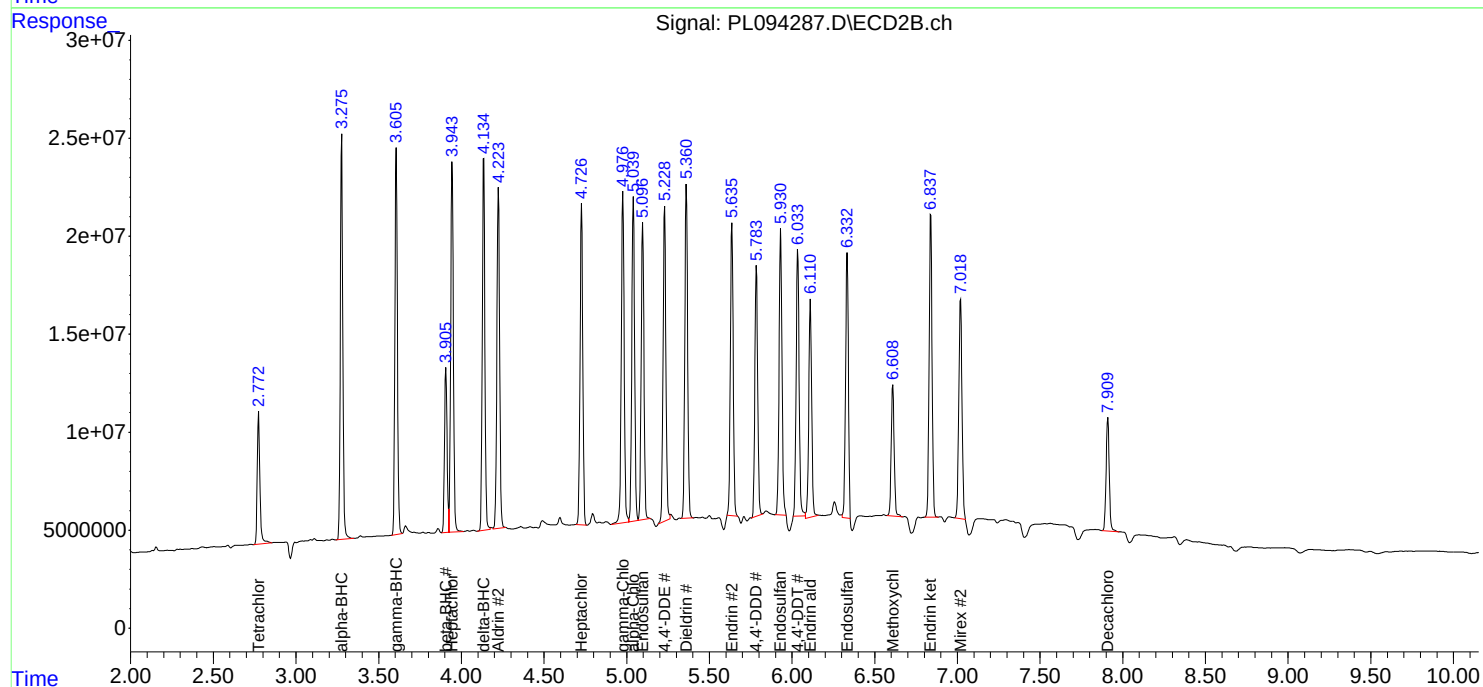
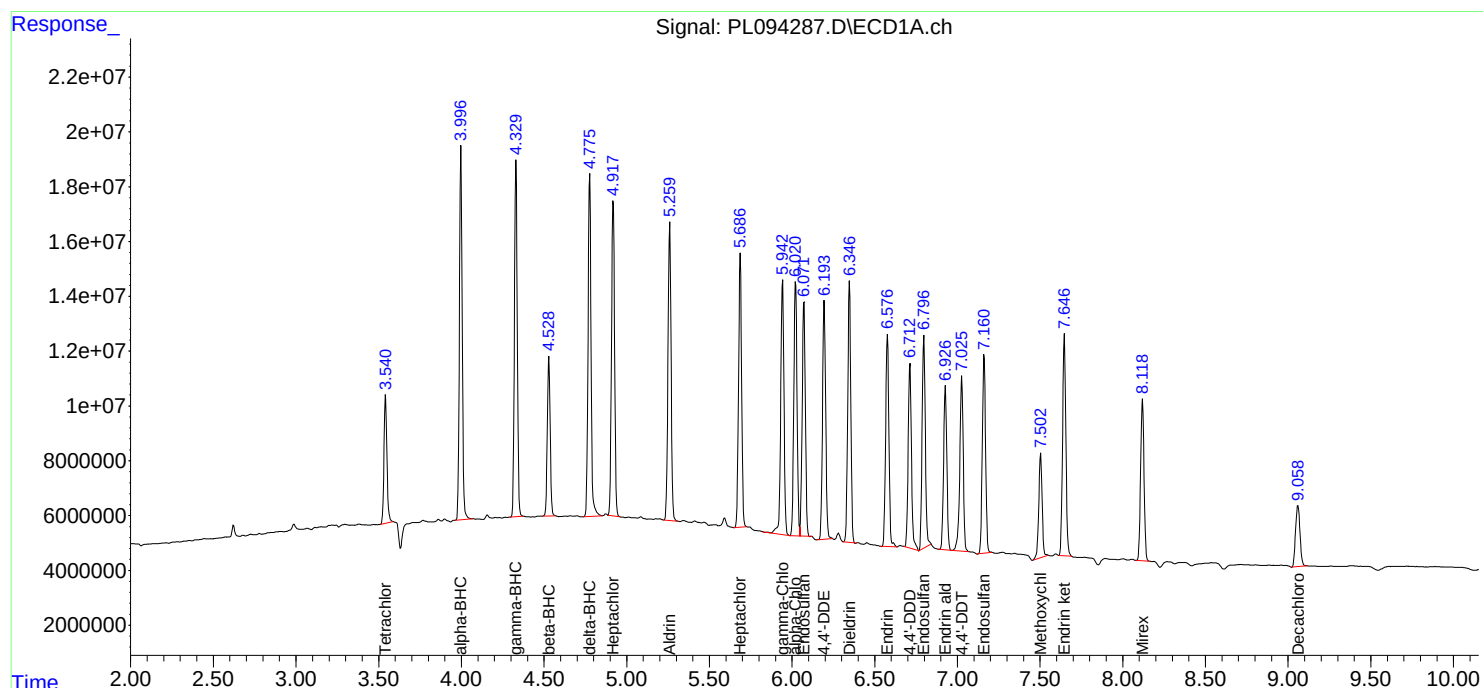
Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MSD

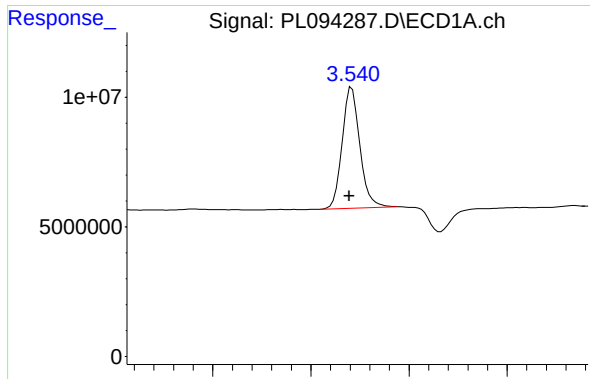
Manual Integrations
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Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 11:41:03 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





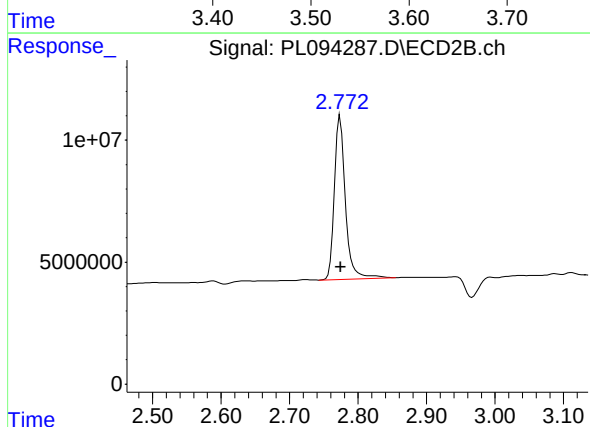
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.001 min
Response: 58650391
Conc: 21.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MSD

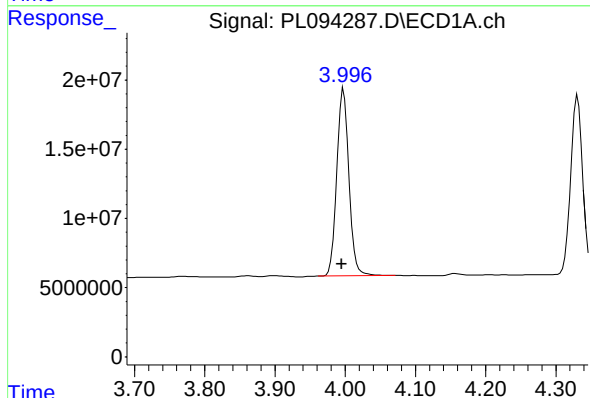
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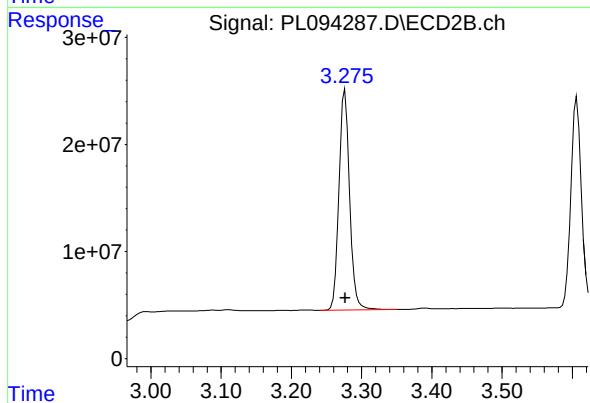
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 74921913
Conc: 22.95 ng/ml



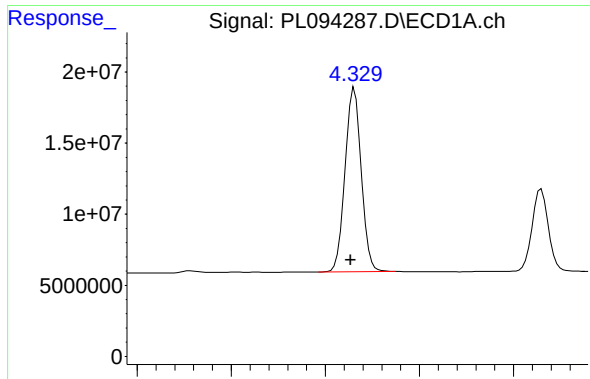
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.003 min
Response: 162311211
Conc: 42.34 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 216231732
Conc: 44.23 ng/ml



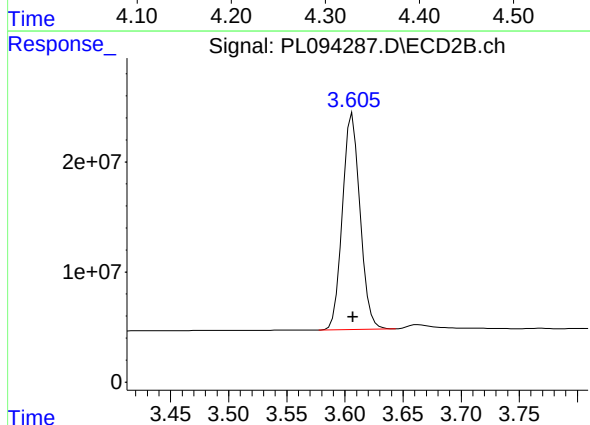
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.004 min
Response: 154682503
Conc: 42.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MSD

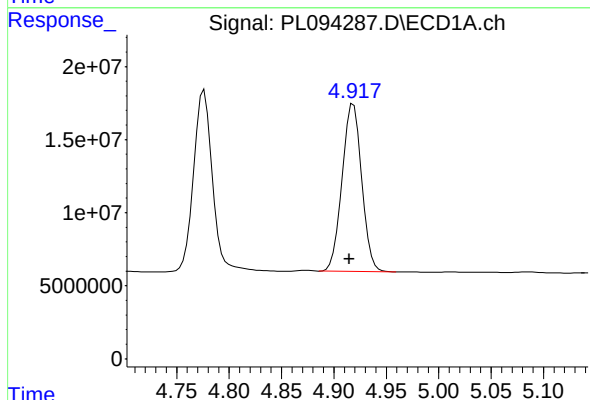
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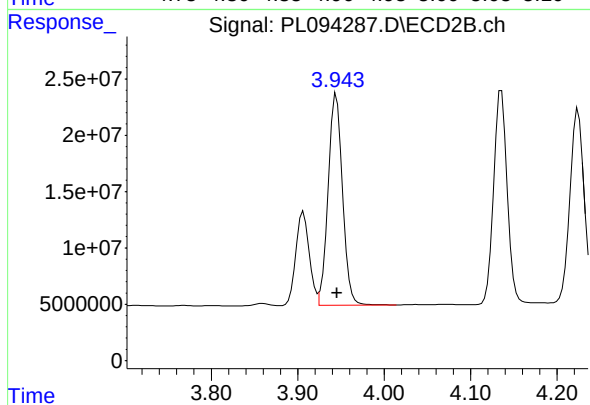
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: 0.000 min
Response: 206236780
Conc: 43.50 ng/ml



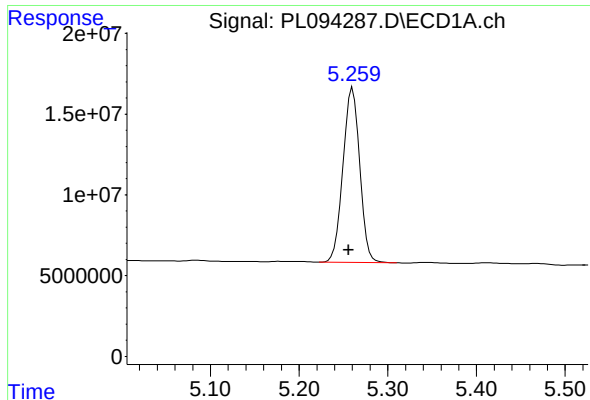
#4 Heptachlor

R.T.: 4.918 min
Delta R.T.: 0.004 min
Response: 149392403
Conc: 45.58 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 213633682
Conc: 45.90 ng/ml



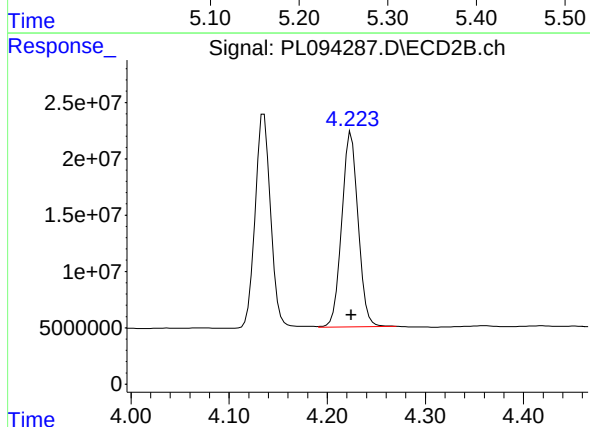
#5 Aldrin

R.T.: 5.260 min
Delta R.T.: 0.005 min
Response: 142019748
Conc: 43.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MSD

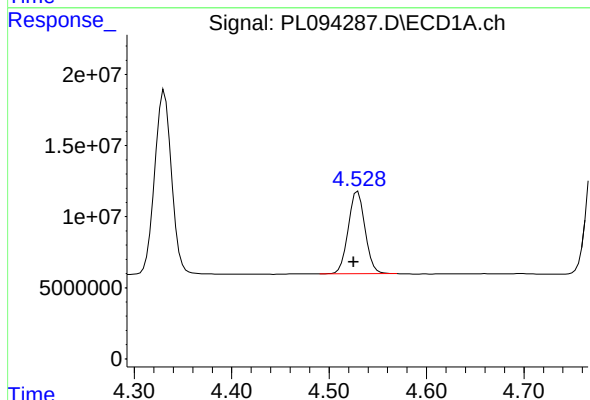
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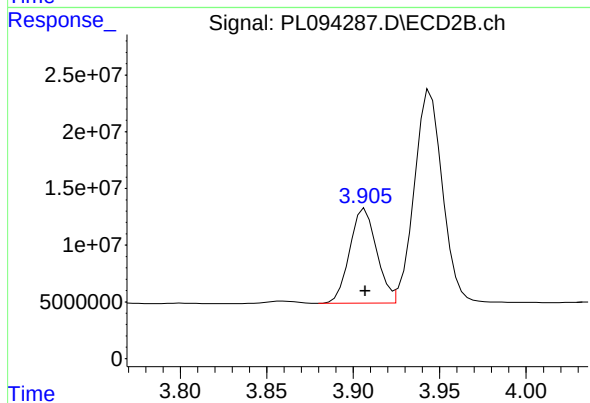
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: 0.000 min
Response: 200265858
Conc: 43.90 ng/ml



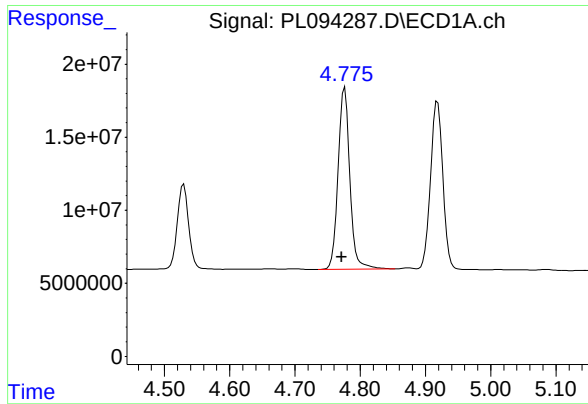
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.004 min
Response: 69435097
Conc: 43.20 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 90428981
Conc: 45.27 ng/ml



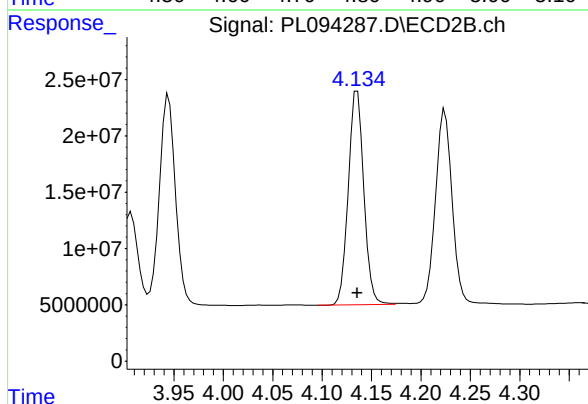
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.004 min
Response: 155441451
Conc: 44.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MSD

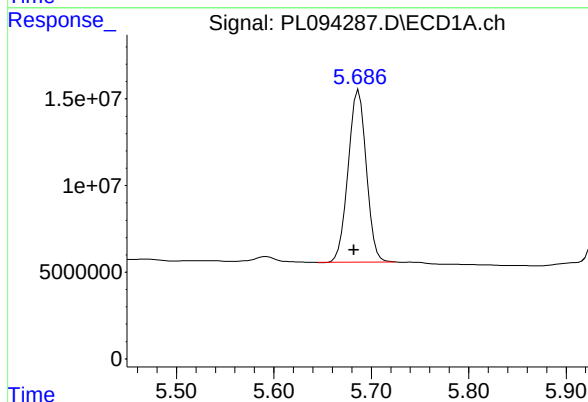
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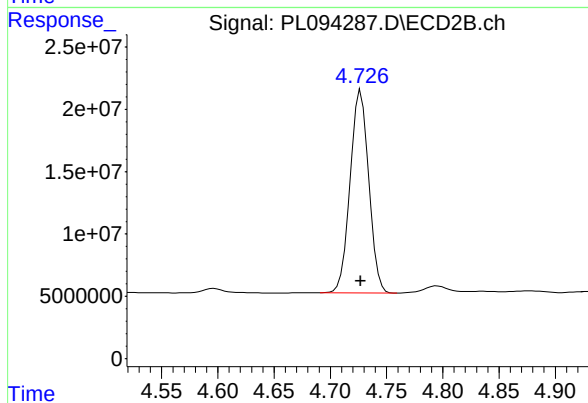
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: 0.000 min
Response: 207858408
Conc: 43.75 ng/ml



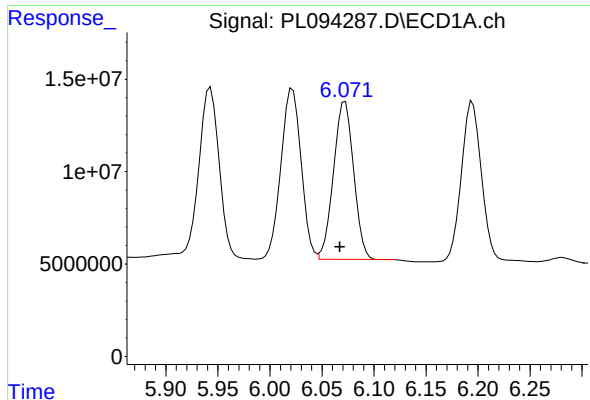
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: 0.005 min
Response: 128313602
Conc: 43.15 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 187555094
Conc: 44.87 ng/ml



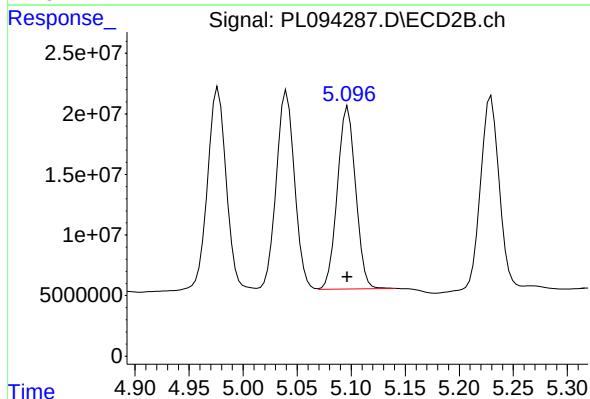
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.005 min
Response: 115062400
Conc: 43.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MSD

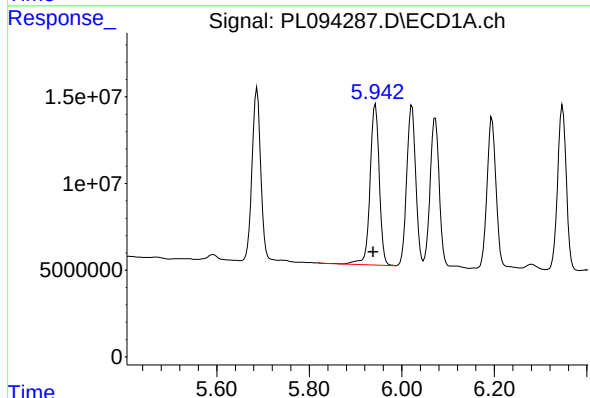
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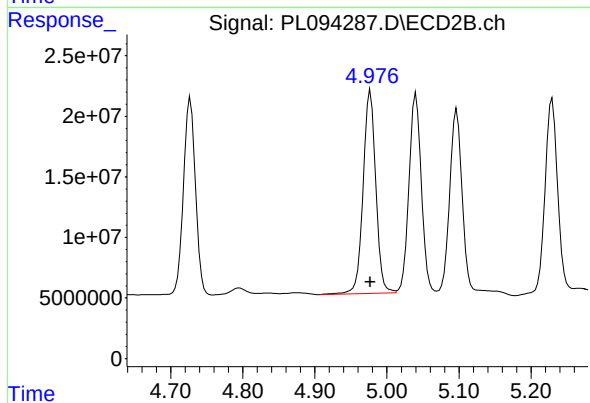
#9 Endosulfan I

R.T.: 5.097 min
Delta R.T.: 0.000 min
Response: 177015039
Conc: 45.66 ng/ml



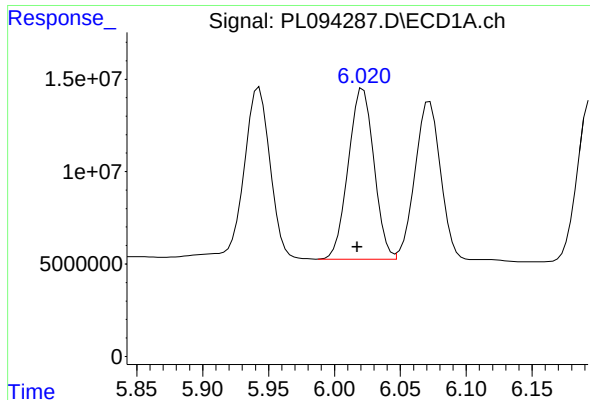
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.005 min
Response: 128333076
Conc: 46.04 ng/ml



#10 gamma-Chlordane

R.T.: 4.977 min
Delta R.T.: 0.000 min
Response: 204836573
Conc: 48.34 ng/ml



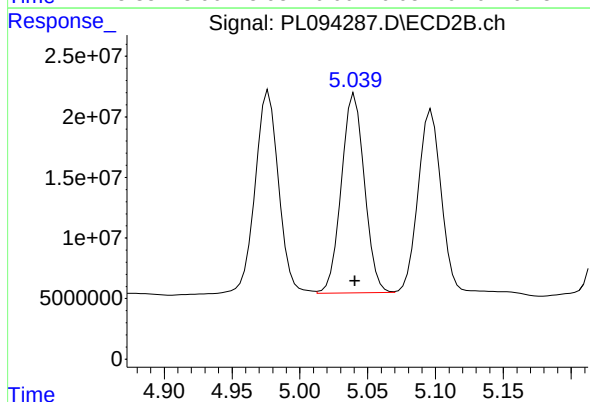
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: 0.004 min
Response: 125287473
Conc: 44.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MSD

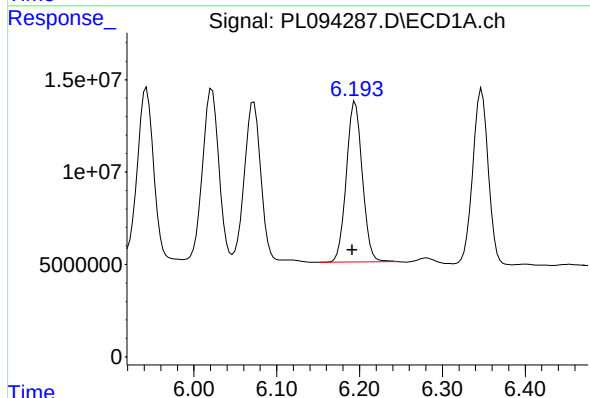
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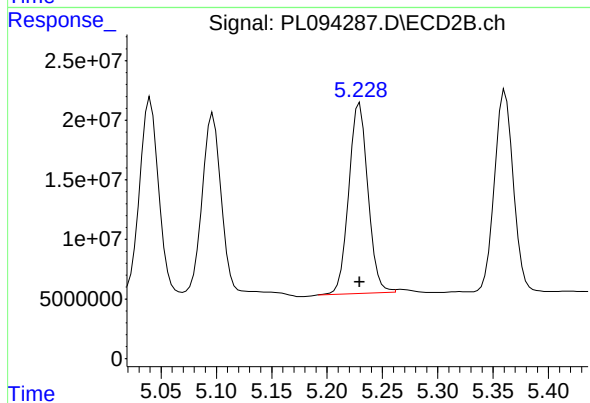
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 194538606
Conc: 46.47 ng/ml



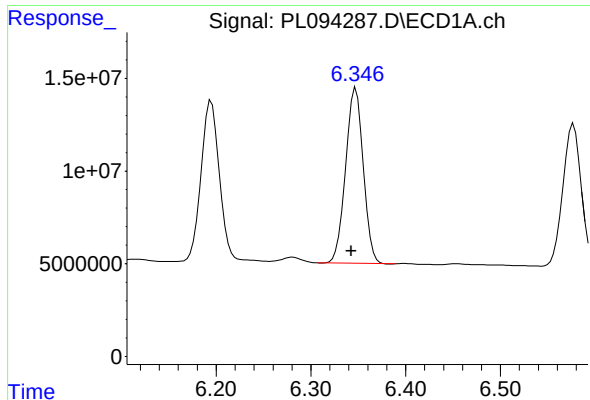
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.004 min
Response: 116094053
Conc: 47.69 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 192759362
Conc: 48.08 ng/ml



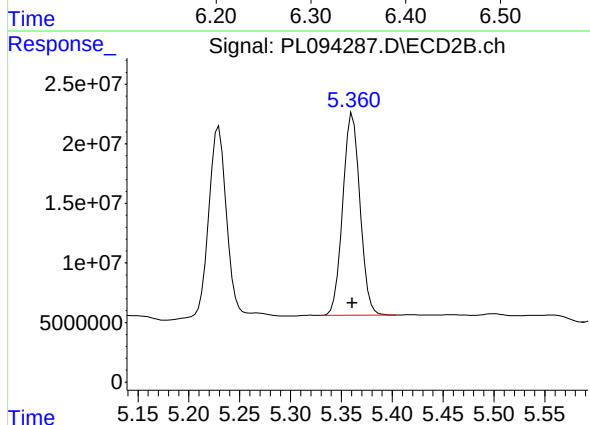
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: 0.005 min
Response: 122363307
Conc: 44.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MSD

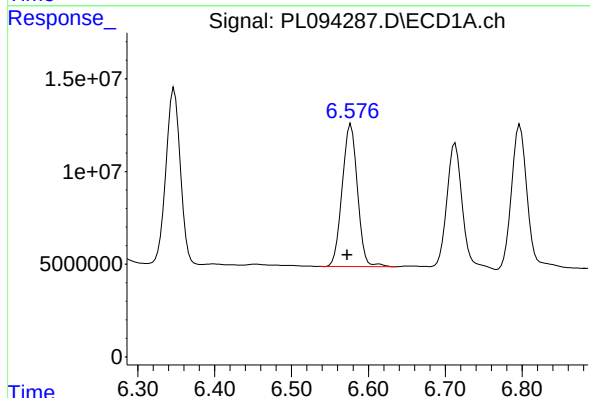
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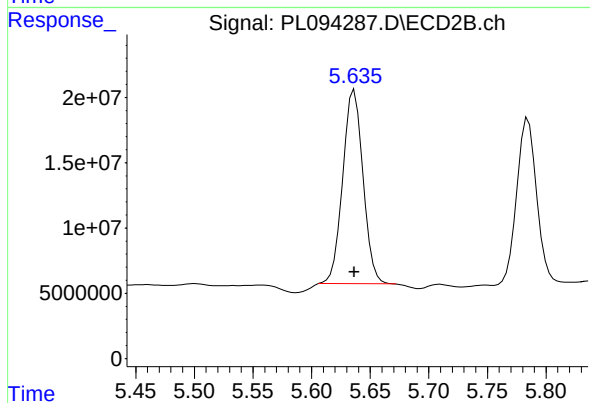
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 200062841
Conc: 46.57 ng/ml



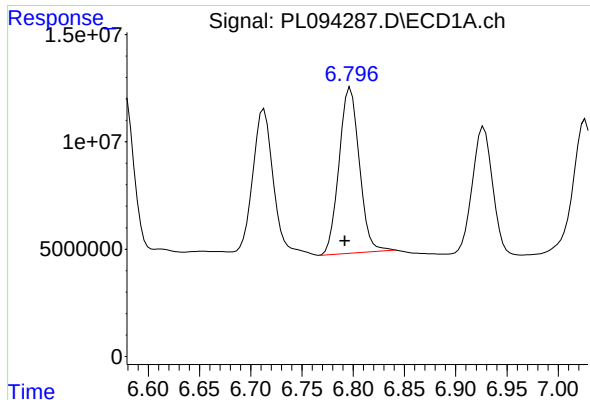
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.005 min
Response: 104948362
Conc: 44.76 ng/ml



#14 Endrin

R.T.: 5.635 min
Delta R.T.: -0.001 min
Response: 178401055
Conc: 48.31 ng/ml m



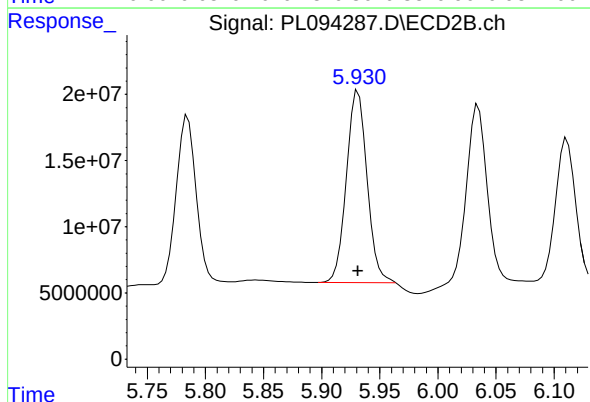
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: 0.005 min
Response: 105572212
Conc: 43.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
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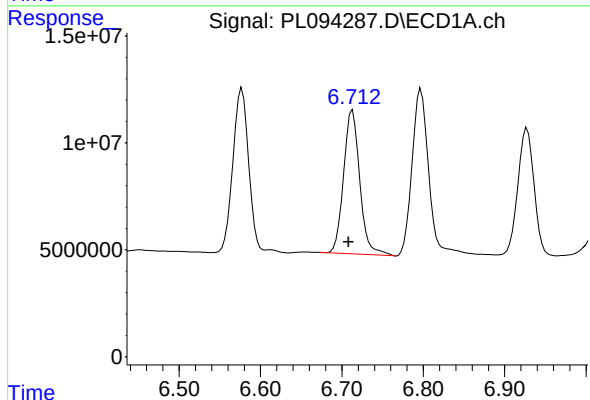
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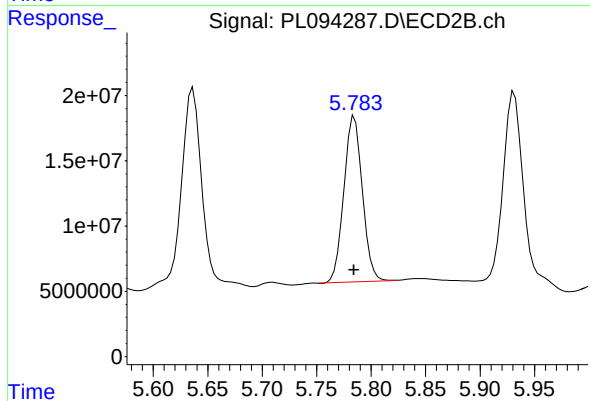
#15 Endosulfan II

R.T.: 5.930 min
Delta R.T.: -0.001 min
Response: 178954236
Conc: 48.32 ng/ml m



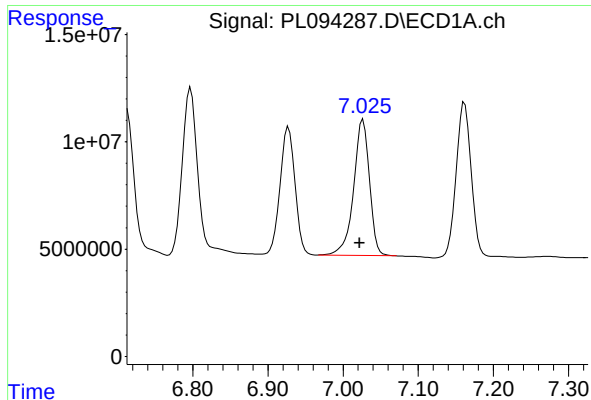
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.005 min
Response: 93214673
Conc: 49.05 ng/ml



#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 149707072
Conc: 47.43 ng/ml



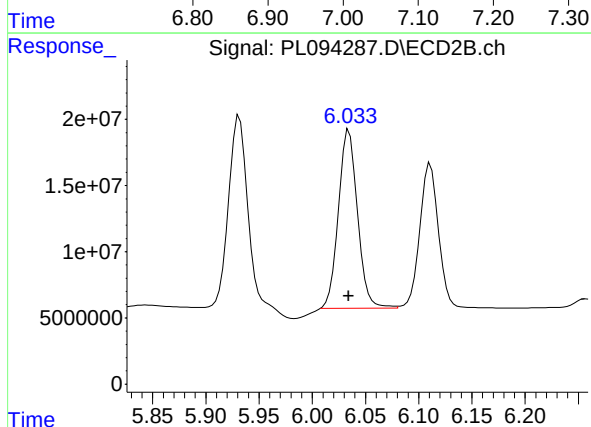
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.004 min
Response: 92851897
Conc: 47.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MSD

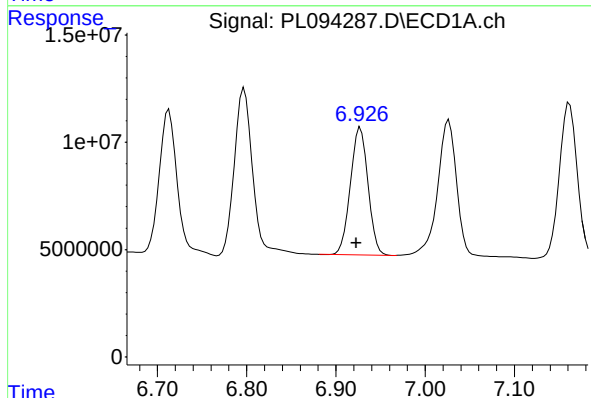
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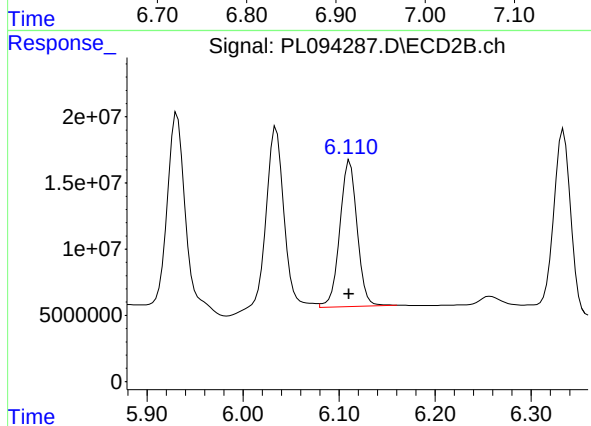
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 168741289
Conc: 51.86 ng/ml



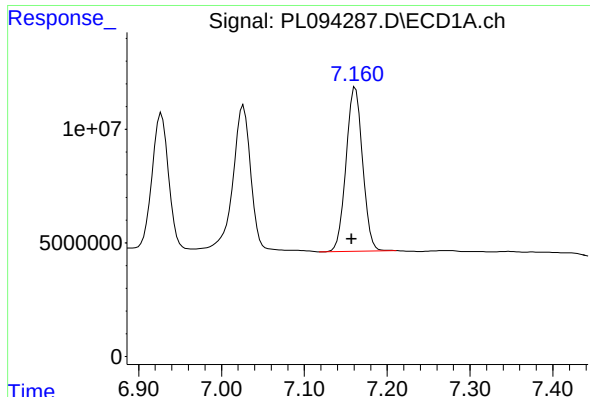
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.005 min
Response: 81624625
Conc: 41.99 ng/ml



#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: 0.000 min
Response: 137235982
Conc: 45.07 ng/ml



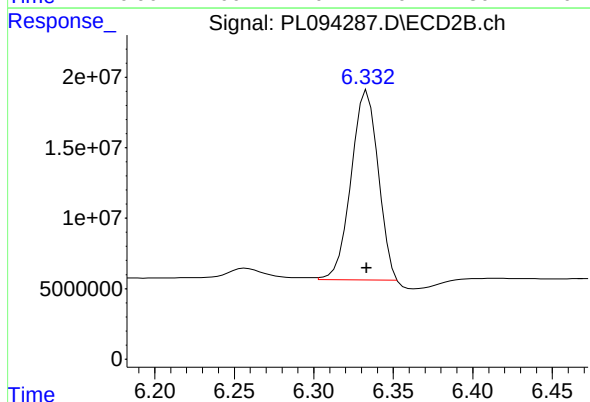
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: 0.005 min
Response: 100287635
Conc: 44.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MSD

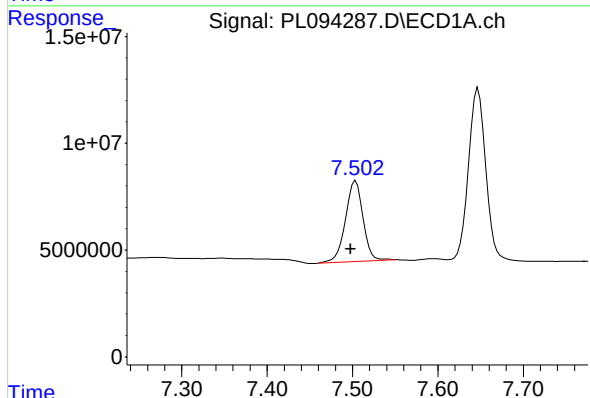
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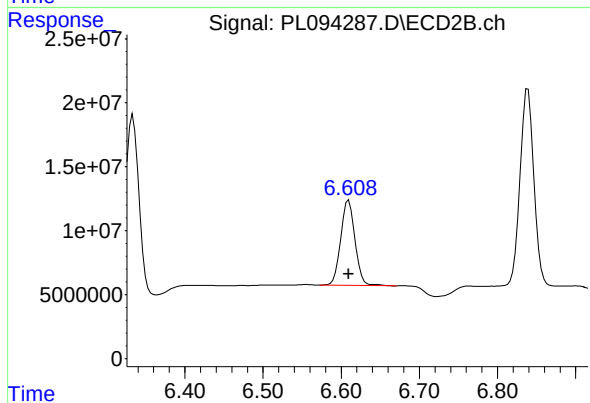
#19 Endosulfan Sulfate

R.T.: 6.332 min
Delta R.T.: -0.001 min
Response: 158629101
Conc: 44.48 ng/ml m



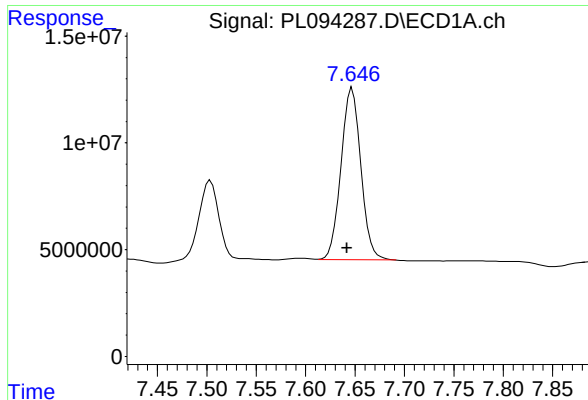
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.006 min
Response: 54418599
Conc: 52.16 ng/ml



#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 85011989
Conc: 47.54 ng/ml



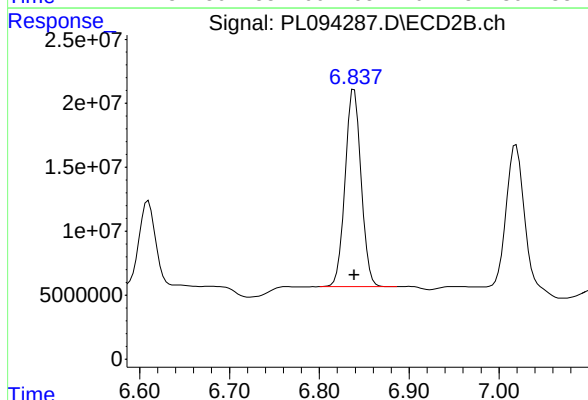
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.005 min
Response: 112194007
Conc: 44.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MSD

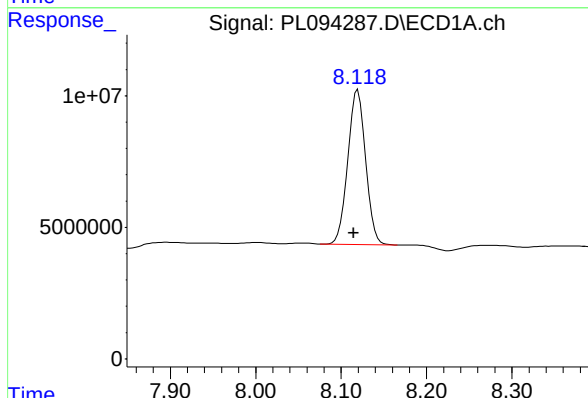
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/20/2025
Supervised By :Ankita Jodhani 02/21/2025



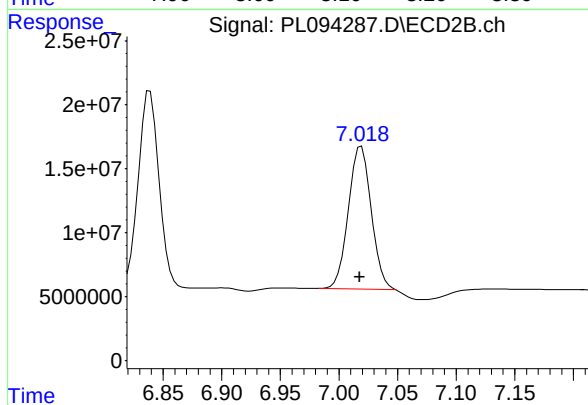
#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 190327702
Conc: 45.37 ng/ml



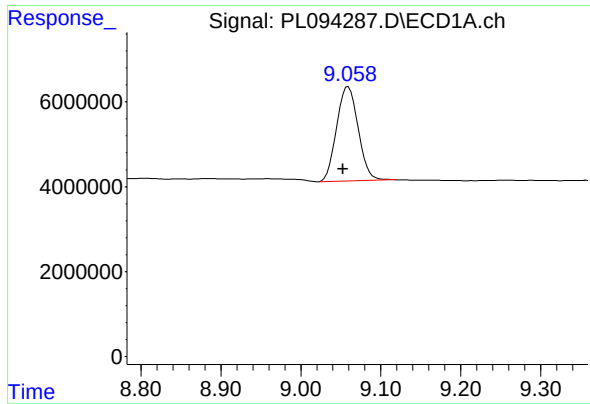
#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.005 min
Response: 85396100
Conc: 41.01 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 151867105
Conc: 44.91 ng/ml m



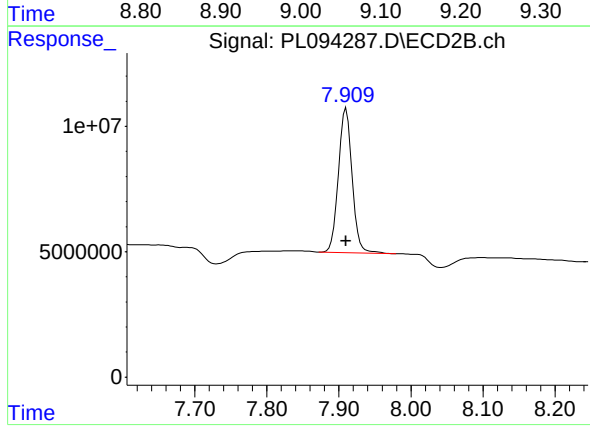
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: 0.005 min
Response: 41626282
Conc: 19.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MSD

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#28 Decachlorobiphenyl

R.T.: 7.910 min
Delta R.T.: 0.000 min
Response: 76139224
Conc: 21.73 ng/ml