

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022525\
 Data File : PL094394.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Feb 2025 14:58
 Operator : AR\AJ
 Sample : Q1421-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 P001-CLAY-CF01-01MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/05/2025
 Supervised By :Ankita Jodhani 03/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 00:11:19 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...	3.536	2.772	54877366	62527527	21.613m	19.594
28)	SA Decachlor...	9.052	7.906	40965032	57986575	19.257	15.079
Target Compounds							
2)	A alpha-BHC	3.993	3.274	188.9E6	248.7E6	49.942	50.595
3)	MA gamma-BHC...	4.326	3.604	178.2E6	234.4E6	48.228	49.769
4)	MA Heptachlor	4.914	3.940	168.5E6	239.4E6	49.713	50.712m
5)	MB Aldrin	5.255	4.221	161.5E6	228.0E6	47.048	49.357
6)	B beta-BHC	4.524	3.902	80604881	107.1E6	50.476	53.863m
7)	B delta-BHC	4.771	4.132	176.7E6	236.0E6	49.931	49.841
8)	B Heptachlo...	5.681	4.723	146.1E6	213.7E6	48.477	50.222
9)	A Endosulfan I	6.067	5.093	132.2E6	204.7E6	48.102	51.349
10)	B gamma-Chl...	5.938	4.973	143.7E6	224.4E6	48.925	51.709
11)	B alpha-Chl...	6.016	5.037	143.0E6	221.5E6	49.355	51.295
12)	B 4,4'-DDE	6.190	5.226	133.6E6	219.1E6	51.169	52.163
13)	MA Dieldrin	6.342	5.357	139.9E6	222.9E6	49.098	50.876
14)	MA Endrin	6.570	5.633	114.5E6	195.5E6	44.859m	57.427 #
15)	B Endosulfa...	6.792	5.928	117.7E6	194.6E6	46.748	52.036
16)	A 4,4'-DDD	6.708	5.780	106.4E6	178.1E6	57.519	55.898
17)	MA 4,4'-DDT	7.021	6.031	102.0E6	180.6E6	48.557	50.759
18)	B Endrin al...	6.922	6.107	92548811	154.7E6	47.539	48.948
19)	B Endosulfa...	7.157	6.330	109.9E6	184.3E6	48.539	49.904
20)	A Methoxychlor	7.498	6.606	52929961	87680956	47.640	44.941
21)	B Endrin ke...	7.642	6.836	122.4E6	214.7E6	48.842	50.320
22)	Mirex	8.114	7.015	88945255	150.6E6	43.108	43.175

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022525\
Data File : PL094394.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Feb 2025 14:58
Operator : AR\AJ
Sample : Q1421-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

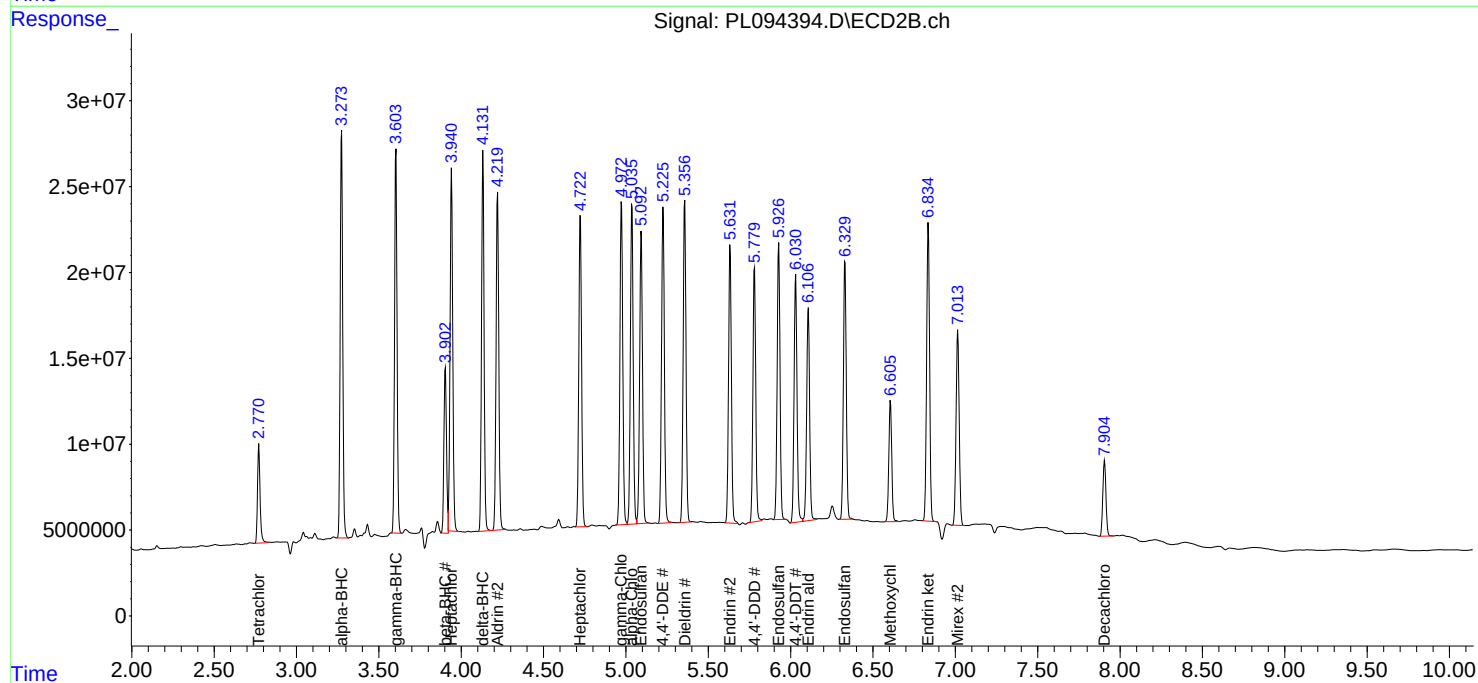
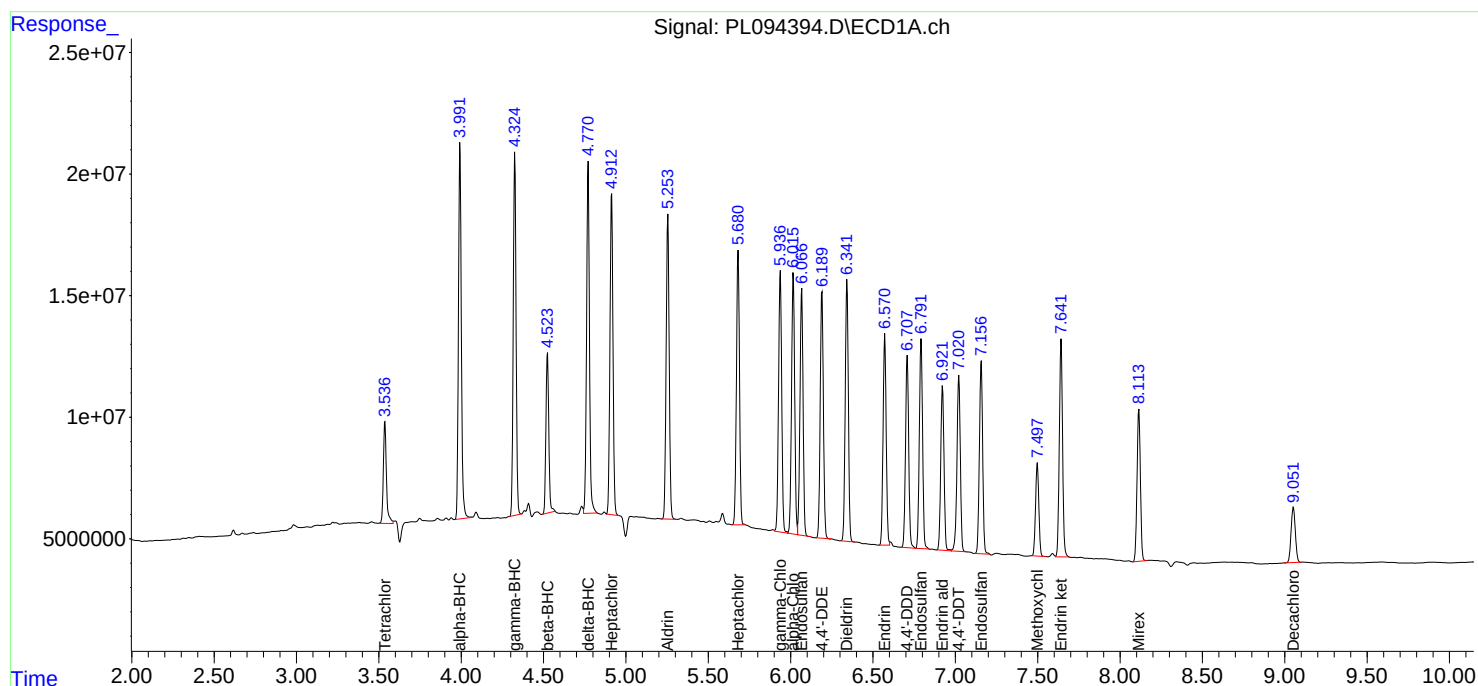
Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MSD

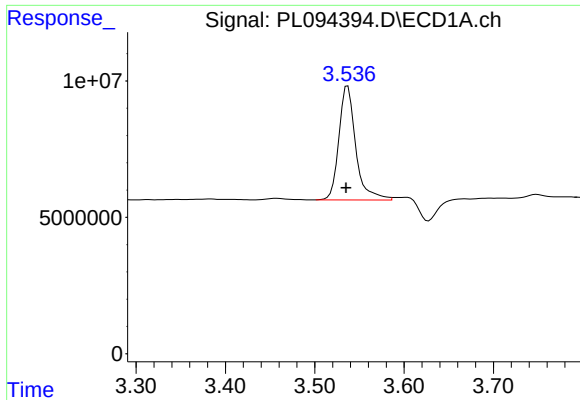
Manual Integrations
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Supervised By :Ankita Jodhani 03/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 00:11:19 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





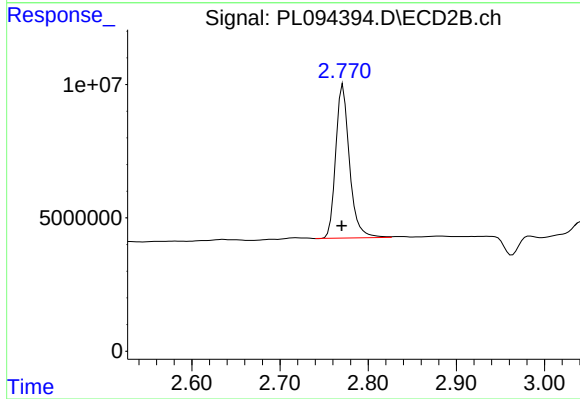
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: 0.000 min
Response: 54877366
Conc: 21.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MSD

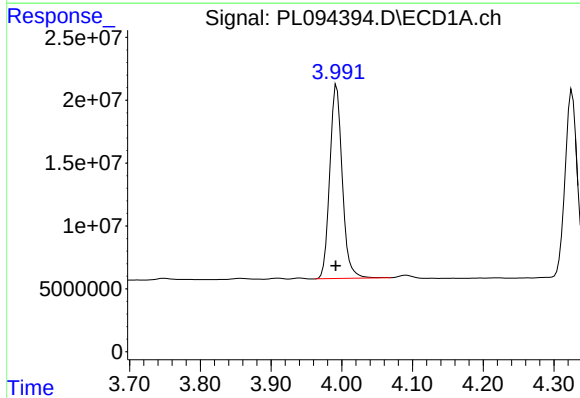
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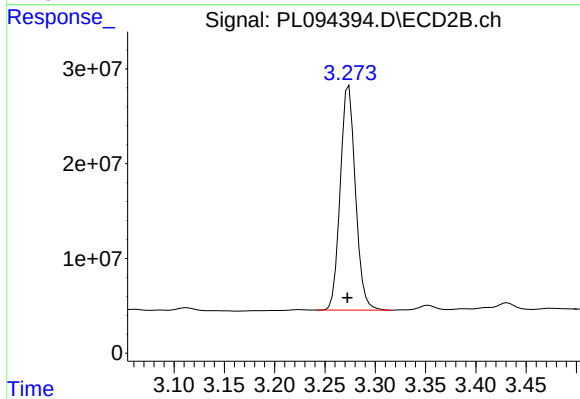
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.001 min
Response: 62527527
Conc: 19.59 ng/ml



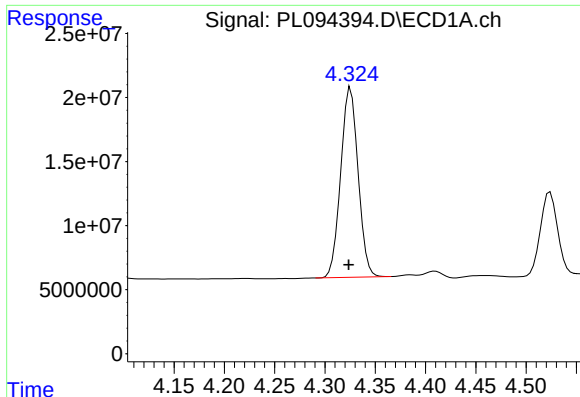
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.002 min
Response: 188915177
Conc: 49.94 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.002 min
Response: 248662964
Conc: 50.59 ng/ml



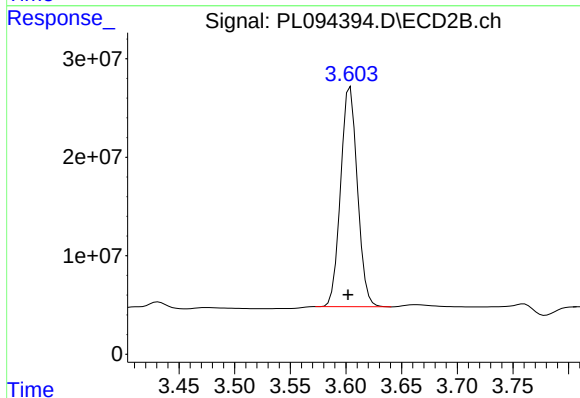
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.002 min
Response: 178188925
Conc: 48.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MSD

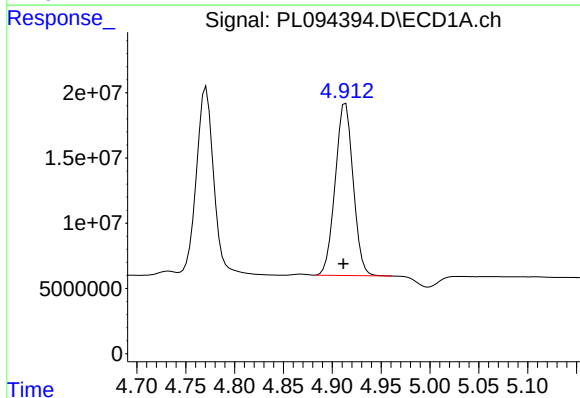
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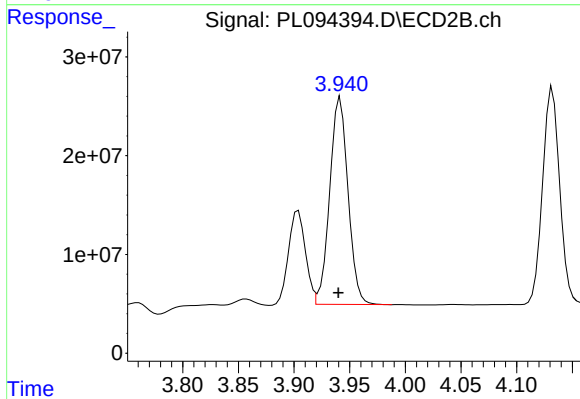
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.002 min
Response: 234408056
Conc: 49.77 ng/ml



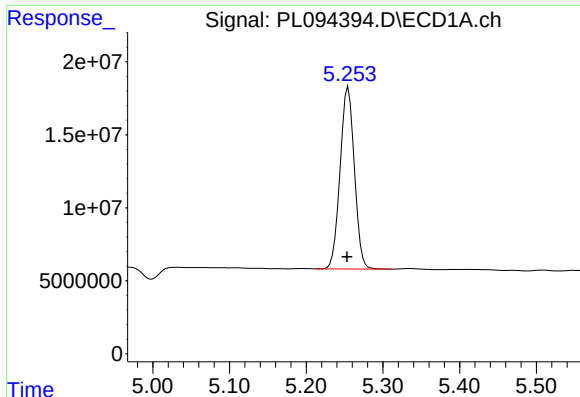
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.002 min
Response: 168545992
Conc: 49.71 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 239377823
Conc: 50.71 ng/ml m



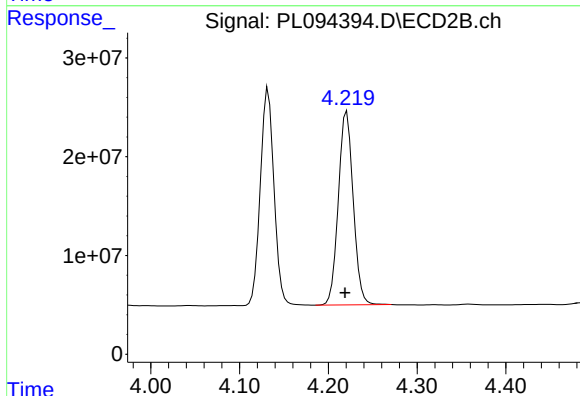
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: 0.002 min
Response: 161458120
Conc: 47.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MSD

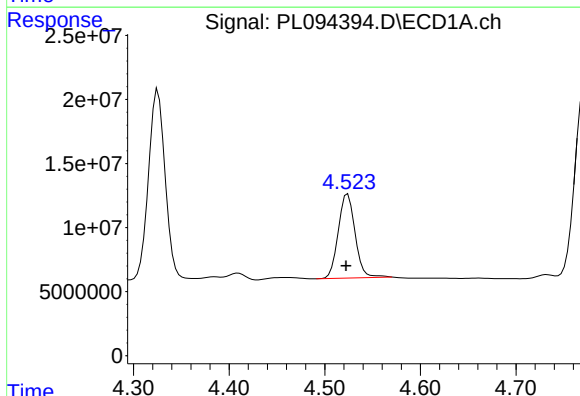
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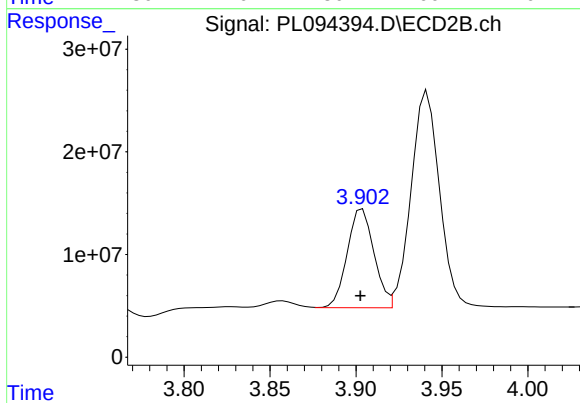
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.002 min
Response: 228048974
Conc: 49.36 ng/ml



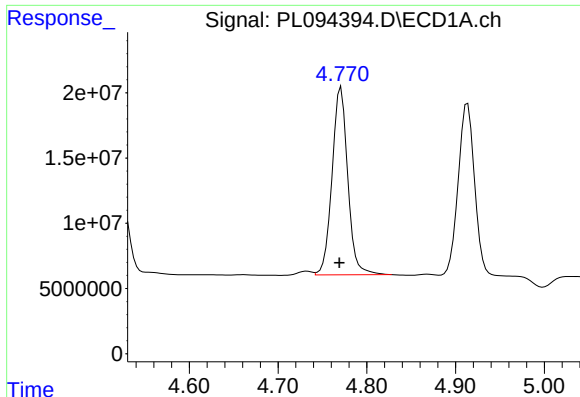
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.002 min
Response: 80604881
Conc: 50.48 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: 0.000 min
Response: 107129616
Conc: 53.86 ng/ml m



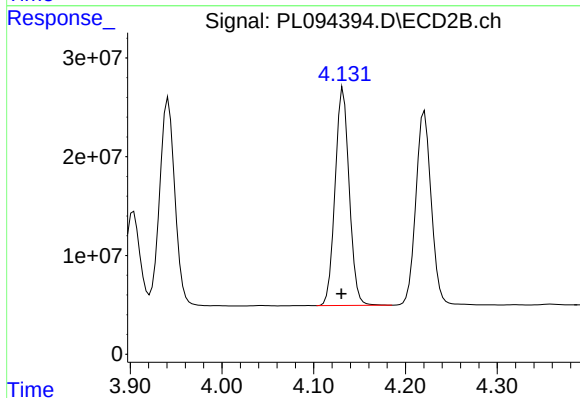
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: 0.002 min
Response: 176669897
Conc: 49.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MSD

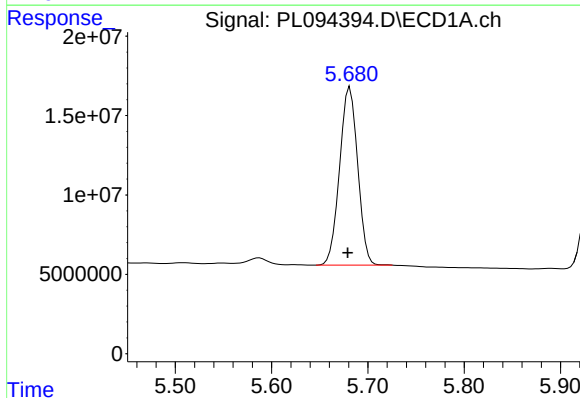
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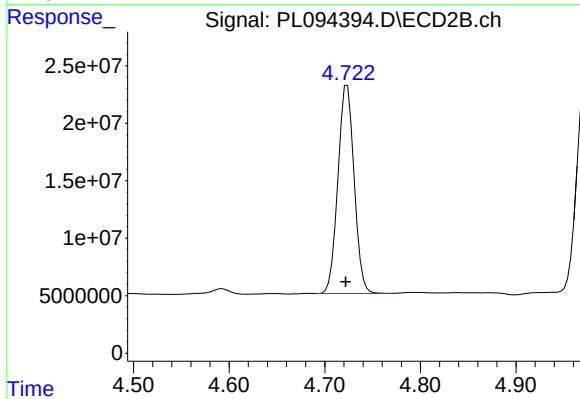
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: 0.002 min
Response: 236031941
Conc: 49.84 ng/ml



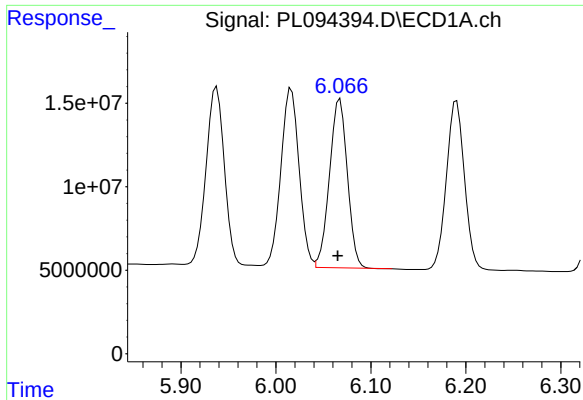
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: 0.002 min
Response: 146080803
Conc: 48.48 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: 0.002 min
Response: 213712380
Conc: 50.22 ng/ml



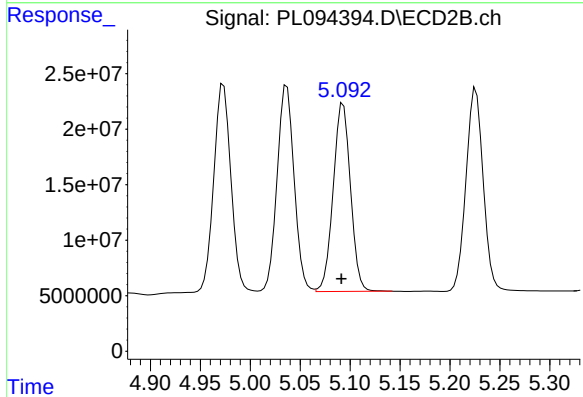
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.002 min
Response: 132214031
Conc: 48.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MSD

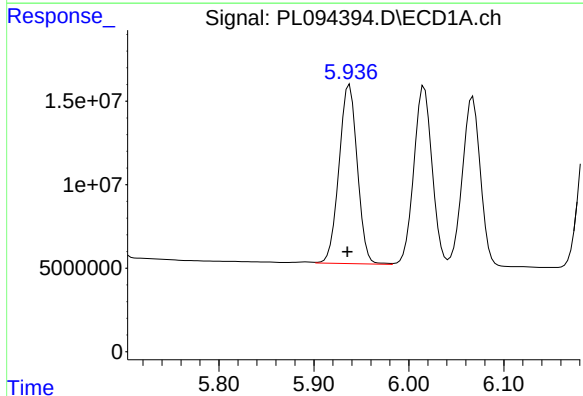
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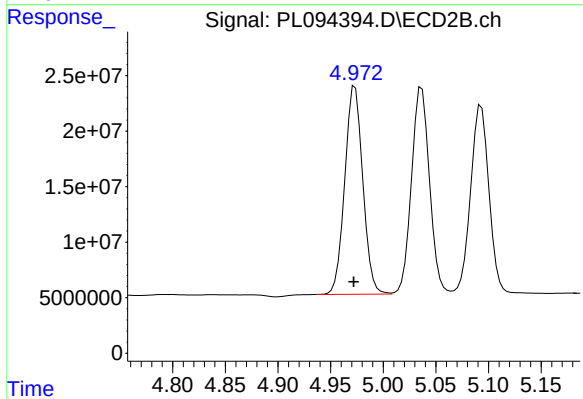
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.002 min
Response: 204706386
Conc: 51.35 ng/ml



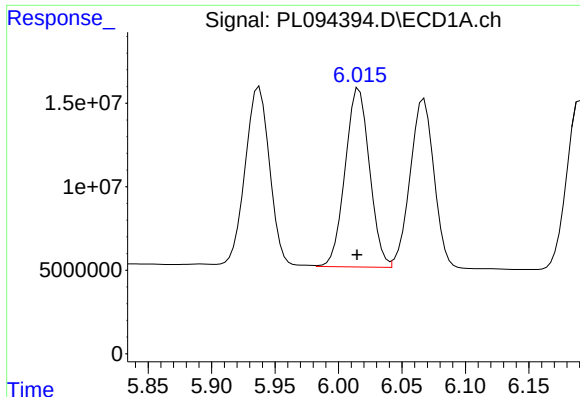
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.002 min
Response: 143650105
Conc: 48.92 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: 0.001 min
Response: 224358180
Conc: 51.71 ng/ml



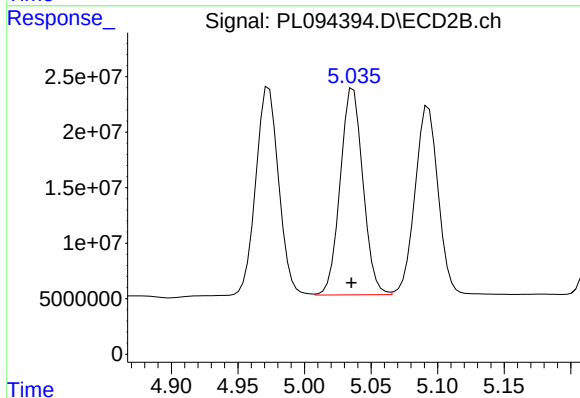
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: 0.002 min
Response: 142984695
Conc: 49.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MSD

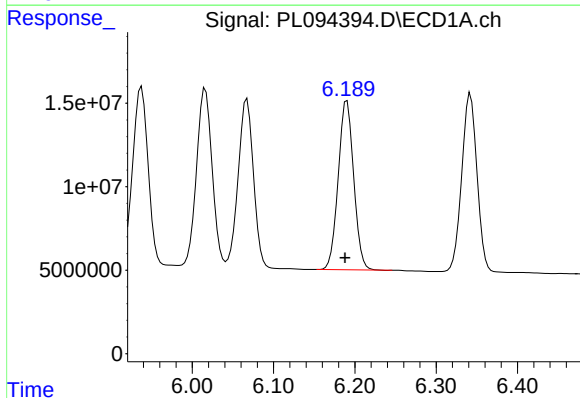
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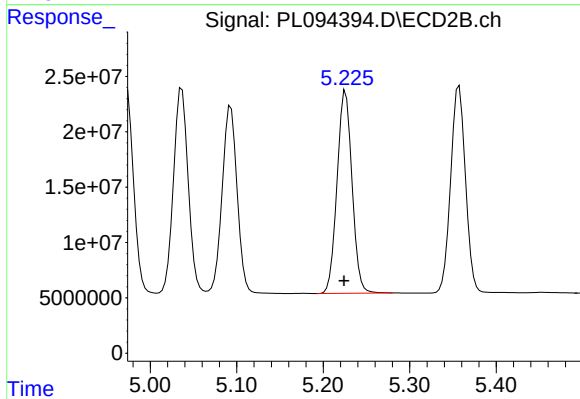
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.001 min
Response: 221471015
Conc: 51.29 ng/ml



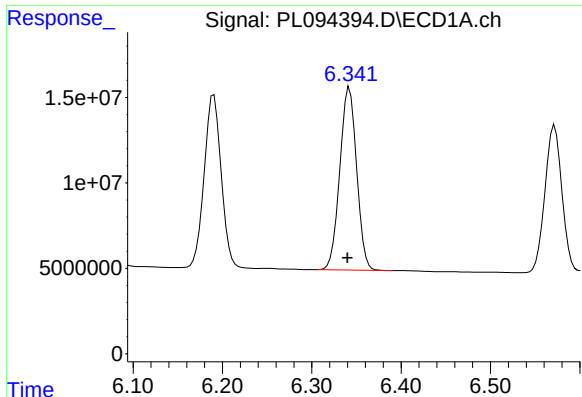
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.002 min
Response: 133637961
Conc: 51.17 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: 0.002 min
Response: 219084142
Conc: 52.16 ng/ml



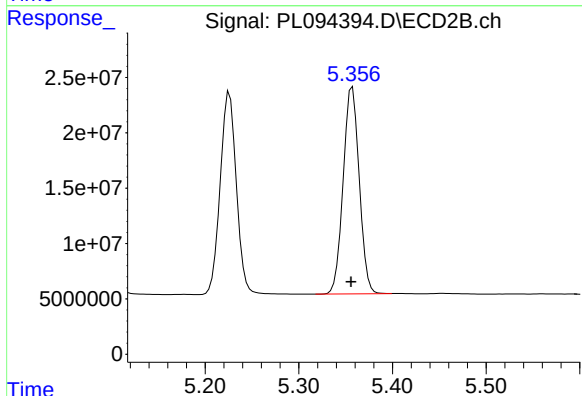
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: 0.002 min
Response: 139881696
Conc: 49.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MSD

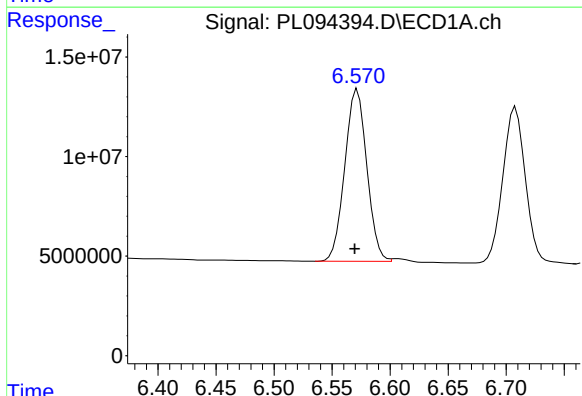
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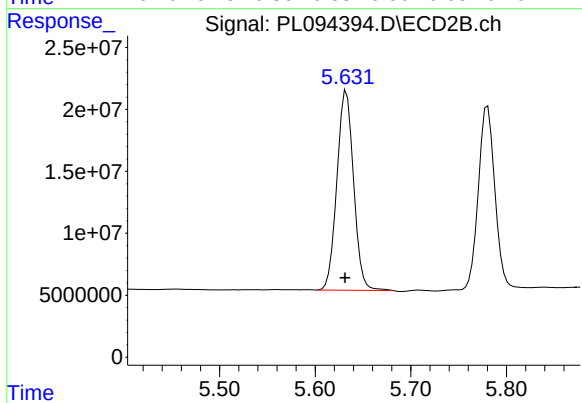
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: 0.002 min
Response: 222927982
Conc: 50.88 ng/ml



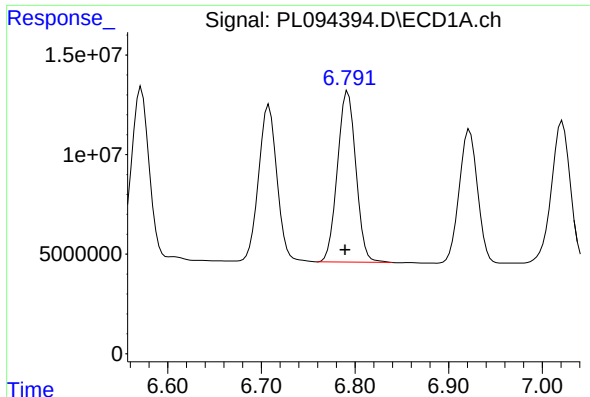
#14 Endrin

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 114493473
Conc: 44.86 ng/ml m



#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.001 min
Response: 195521355
Conc: 57.43 ng/ml



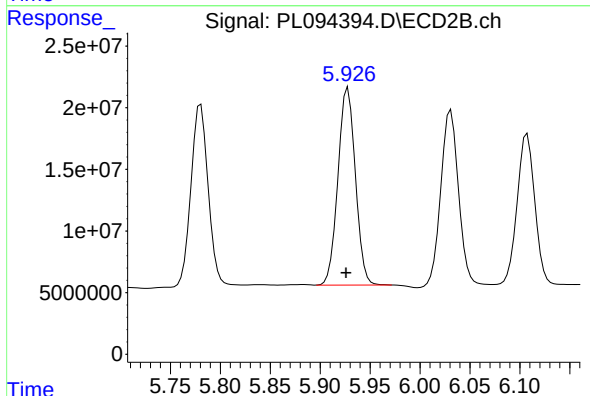
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: 0.003 min
Response: 117676507
Conc: 46.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MSD

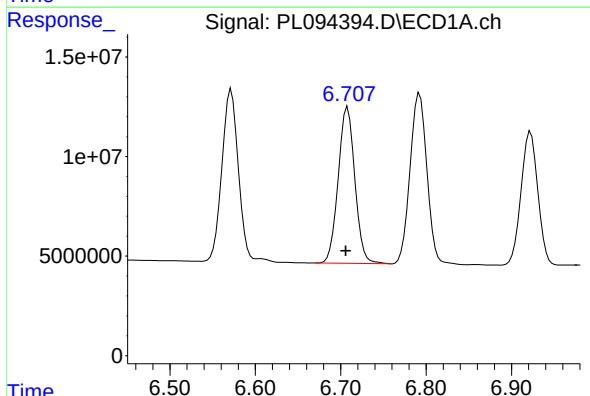
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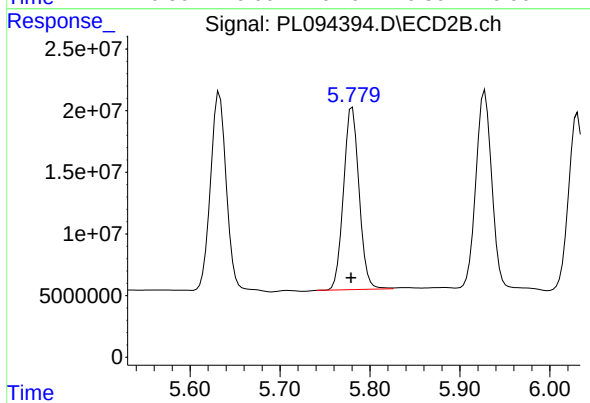
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: 0.002 min
Response: 194589606
Conc: 52.04 ng/ml



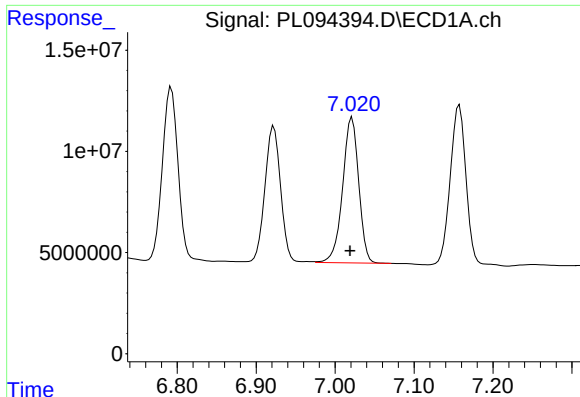
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.002 min
Response: 106395360
Conc: 57.52 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: 0.002 min
Response: 178052211
Conc: 55.90 ng/ml



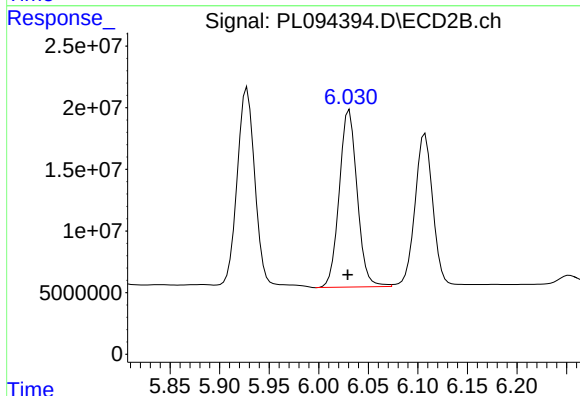
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.002 min
Response: 101971699
Conc: 48.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MSD

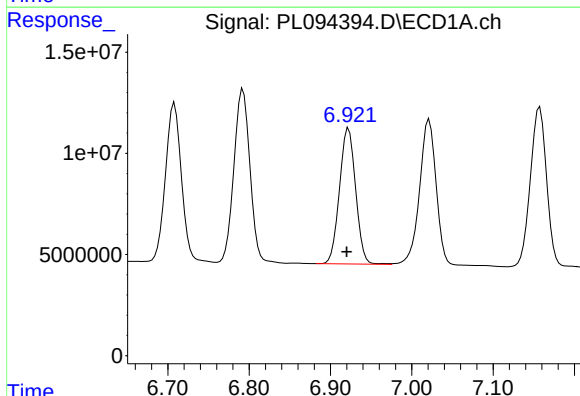
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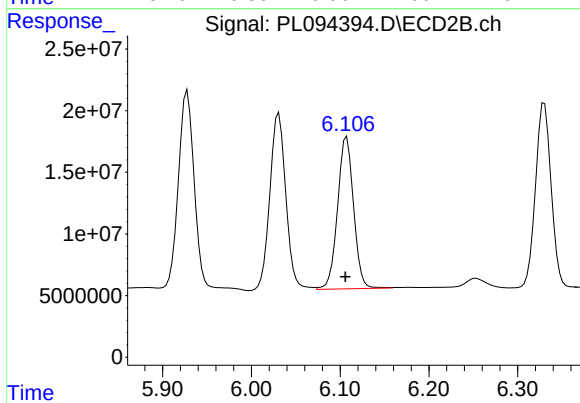
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 180551647
Conc: 50.76 ng/ml



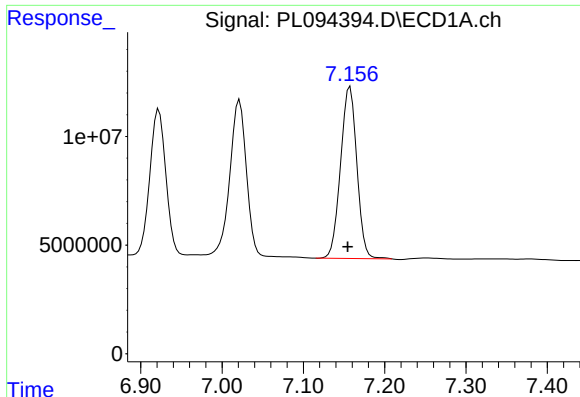
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.002 min
Response: 92548811
Conc: 47.54 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: 0.002 min
Response: 154697391
Conc: 48.95 ng/ml



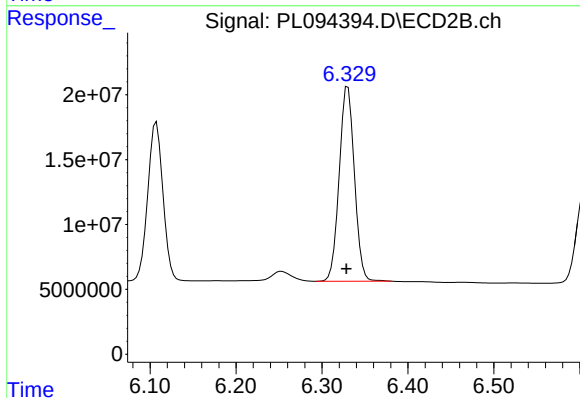
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.003 min
Response: 109884324
Conc: 48.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MSD

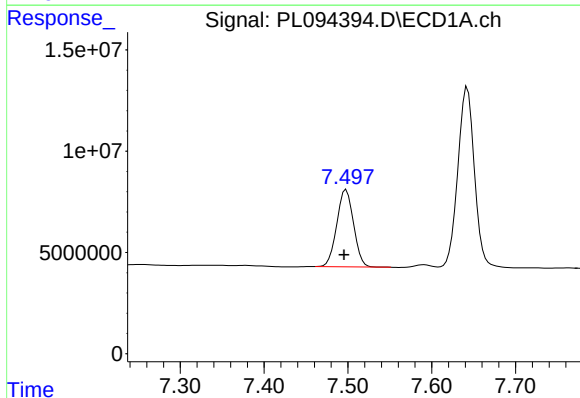
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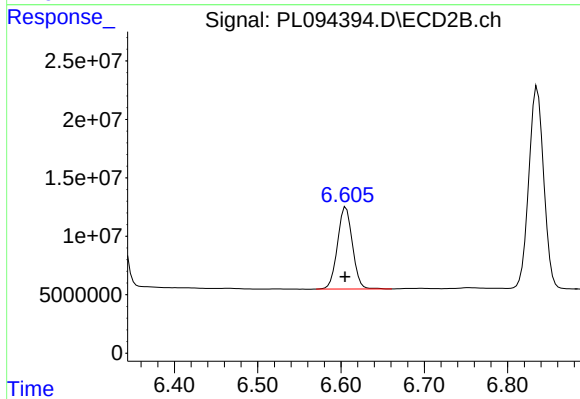
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: 0.002 min
Response: 184329129
Conc: 49.90 ng/ml



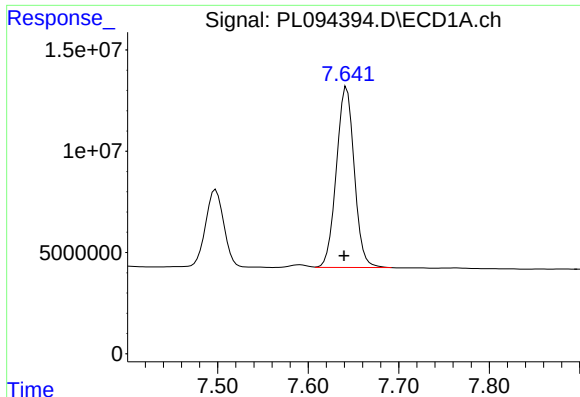
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.002 min
Response: 52929961
Conc: 47.64 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: 0.001 min
Response: 87680956
Conc: 44.94 ng/ml



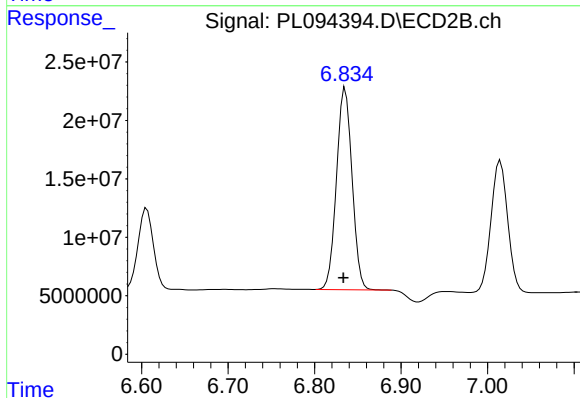
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.003 min
Response: 122441966
Conc: 48.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MSD

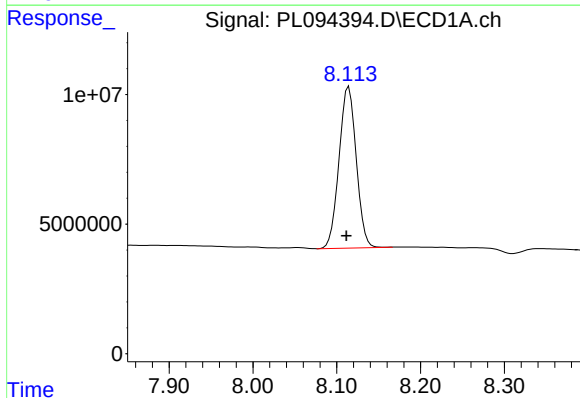
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/05/2025
Supervised By :Ankita Jodhani 03/05/2025



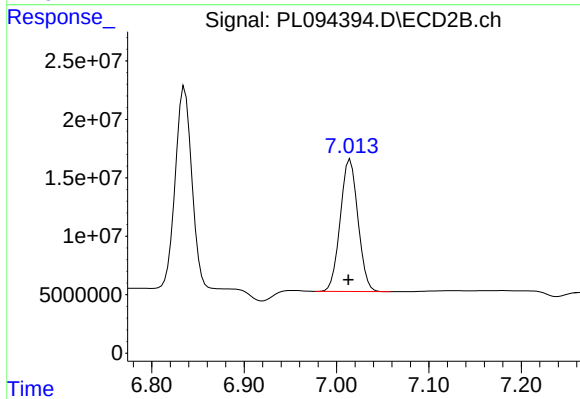
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: 0.002 min
Response: 214740045
Conc: 50.32 ng/ml



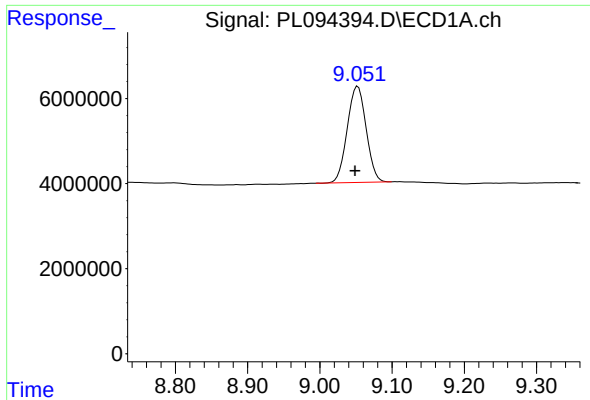
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.003 min
Response: 88945255
Conc: 43.11 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: 0.002 min
Response: 150551619
Conc: 43.17 ng/ml



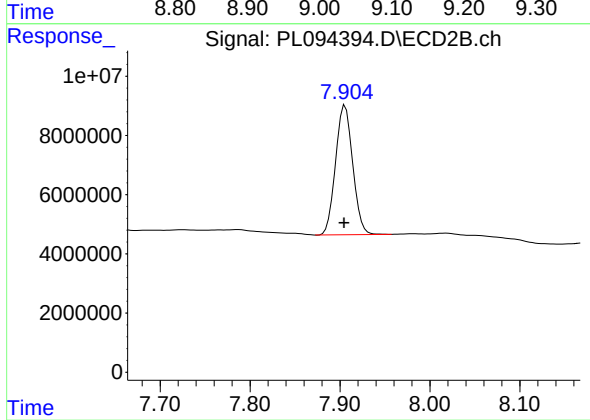
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: 0.004 min
Response: 40965032
Conc: 19.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: 0.001 min
Response: 57986575
Conc: 15.08 ng/ml