

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022725\
 Data File : PL094439.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Feb 2025 21:21
 Operator : AR\AJ
 Sample : Q1421-05MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/02/2025
 Supervised By : Ankita Jodhani 03/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 27 22:20:08 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...	3.538	2.772	66808969	80925788	26.312	25.359
28) SA Decachlor...	9.055	7.907	53662971	97669936	25.226	25.398
Target Compounds						
2) A alpha-BHC	3.994	3.274	216.4E6	291.0E6	57.198	59.213
3) MA gamma-BHC...	4.325	3.604	208.9E6	275.7E6	56.533m	58.538
4) MA Heptachlor	4.914	3.942	190.4E6	270.0E6	56.174	57.190
5) MB Aldrin	5.256	4.221	184.8E6	254.7E6	53.846	55.127
6) B beta-BHC	4.525	3.904	89762447	118.5E6	56.210	59.581
7) B delta-BHC	4.770	4.132	205.8E6	279.6E6	58.178m	59.045
8) B Heptachlo...	5.682	4.723	172.5E6	248.7E6	57.251	58.453
9) A Endosulfan I	6.068	5.093	156.4E6	239.4E6	56.892	60.061
10) B gamma-Chl...	5.939	4.974	169.6E6	261.1E6	57.755	60.181
11) B alpha-Chl...	6.018	5.037	167.8E6	258.3E6	57.919	59.823
12) B 4,4'-DDE	6.191	5.226	156.9E6	257.1E6	60.083	61.203
13) MA Dieldrin	6.343	5.358	164.4E6	267.0E6	57.686	60.923
14) MA Endrin	6.572	5.632	137.4E6	239.1E6	53.818m	70.214m#
15) B Endosulfa...	6.794	5.928	140.4E6	236.5E6	55.756	63.249
16) A 4,4'-DDD	6.709	5.781	124.4E6	212.8E6	67.277	66.811
17) MA 4,4'-DDT	7.023	6.031	128.7E6	224.7E6	61.263	63.179
18) B Endrin al...	6.924	6.107	105.2E6	178.6E6	54.043	56.520
19) B Endosulfa...	7.158	6.331	127.6E6	223.6E6	56.356	60.533
20) A Methoxychlor	7.499	6.607	64858385	116.7E6	58.376	59.807
21) B Endrin ke...	7.643	6.836	140.2E6	261.9E6	55.907	61.382
22) Mirex	8.115	7.015	103.6E6	194.1E6	50.216	55.652

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022725\
Data File : PL094439.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 21:21
Operator : AR\AJ
Sample : Q1421-05MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

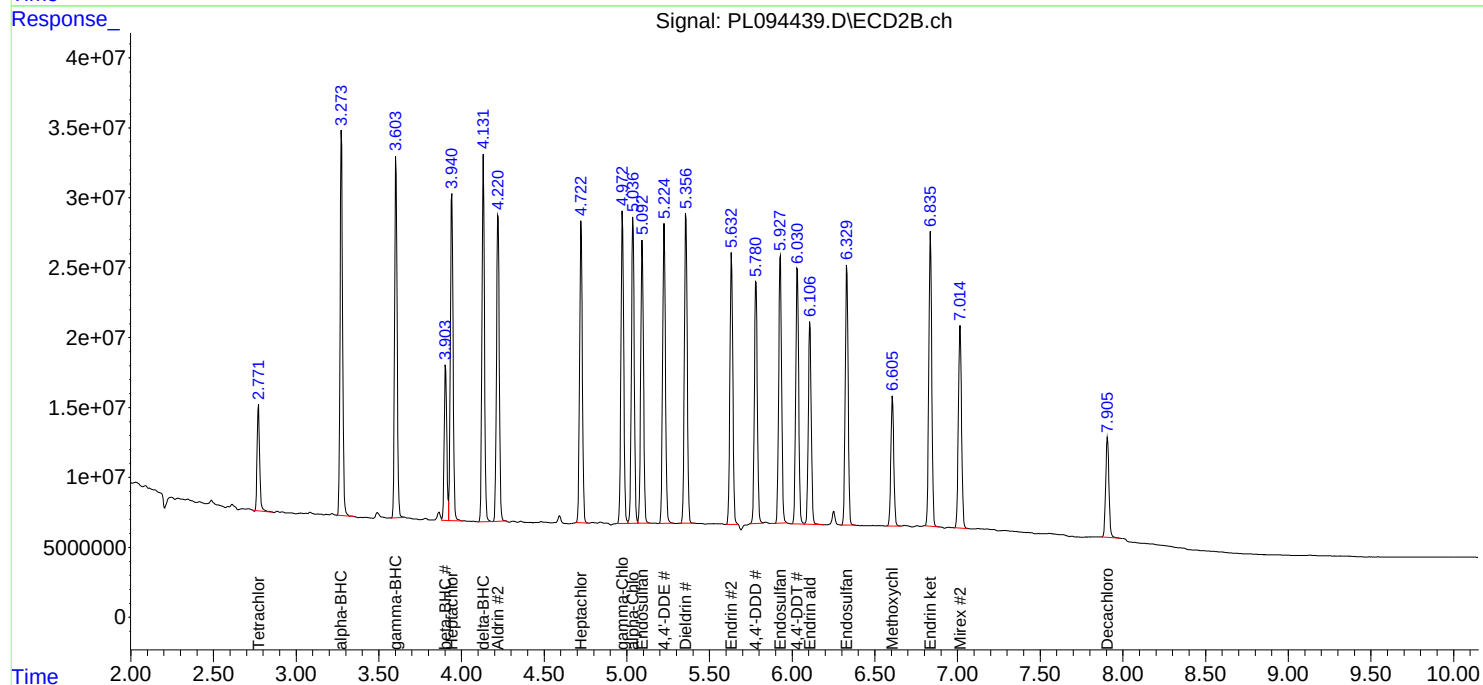
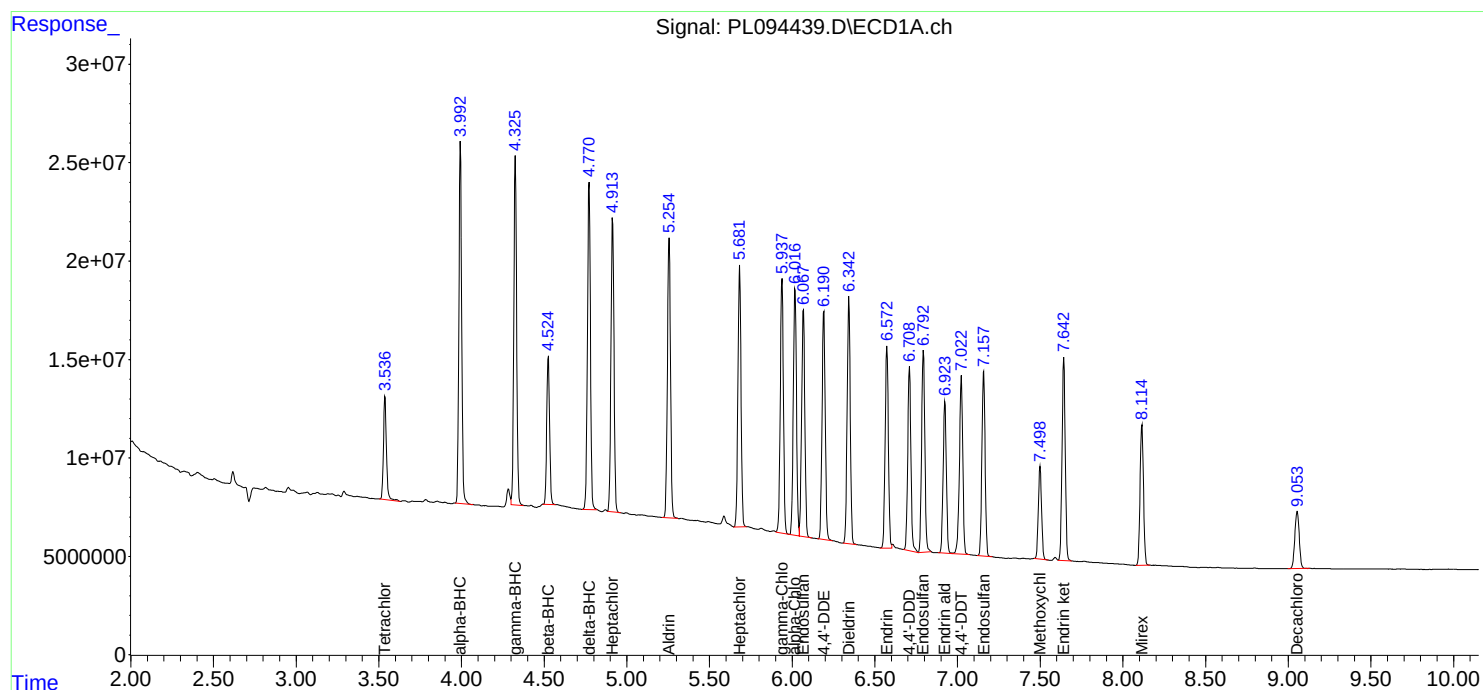
Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MS

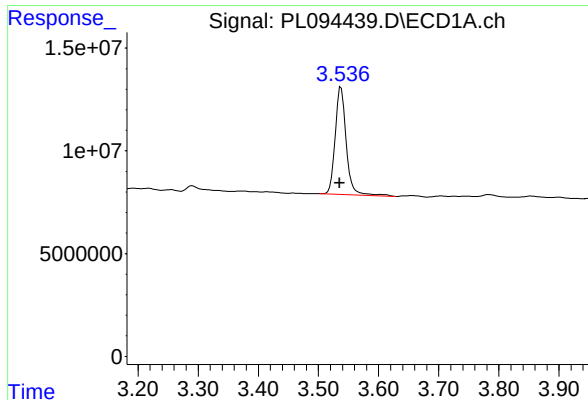
Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 03/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 22:20:08 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





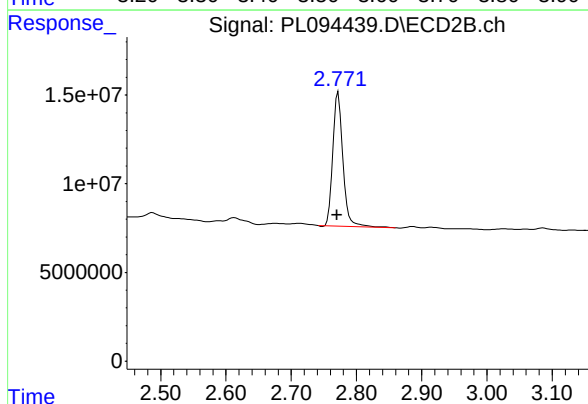
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.003 min
Response: 66808969
Conc: 26.31 ng/ml

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

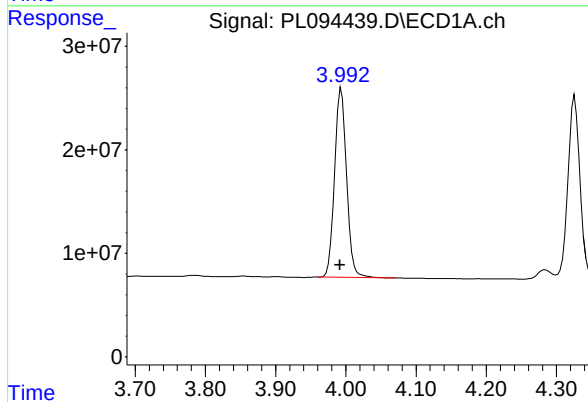
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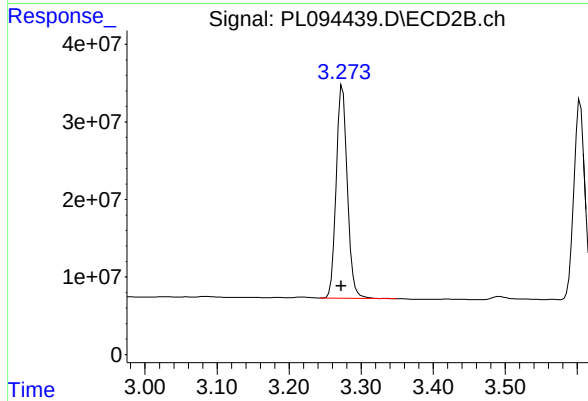
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.002 min
Response: 80925788
Conc: 25.36 ng/ml



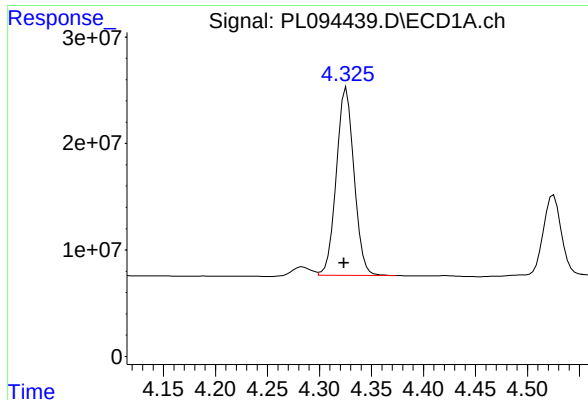
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.002 min
Response: 216359868
Conc: 57.20 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.002 min
Response: 291021028
Conc: 59.21 ng/ml



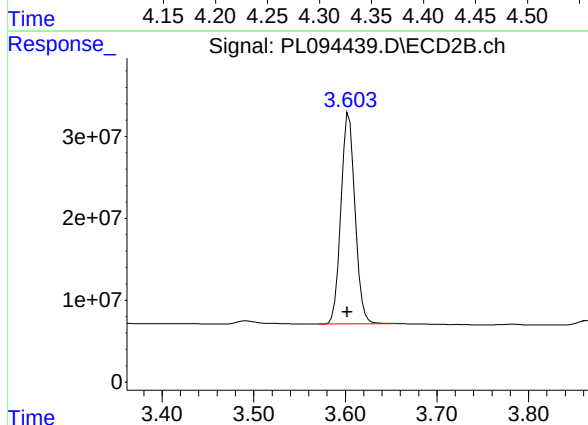
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 208873799
Conc: 56.53 ng/ml

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

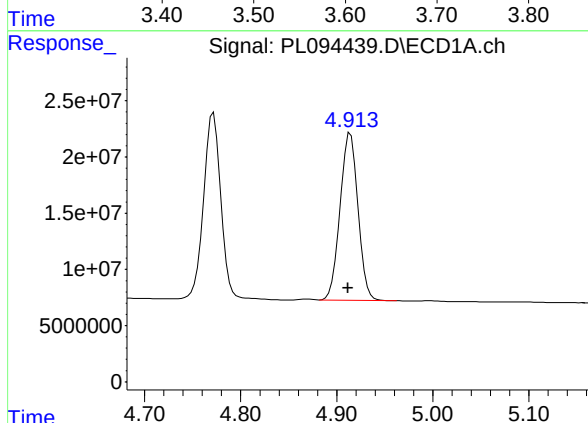
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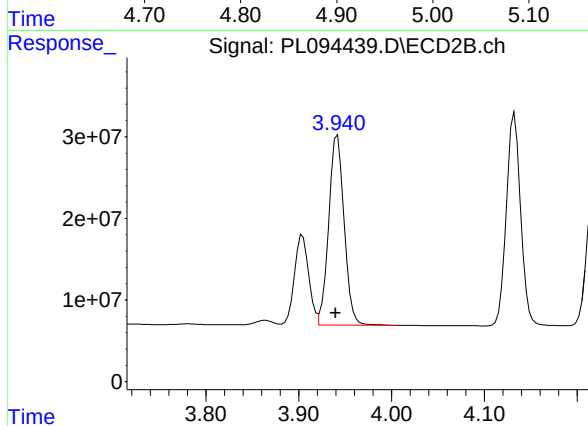
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.002 min
Response: 275709977
Conc: 58.54 ng/ml



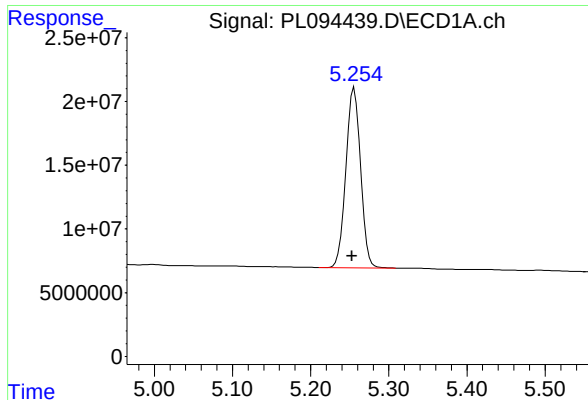
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.003 min
Response: 190449407
Conc: 56.17 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.002 min
Response: 269952634
Conc: 57.19 ng/ml



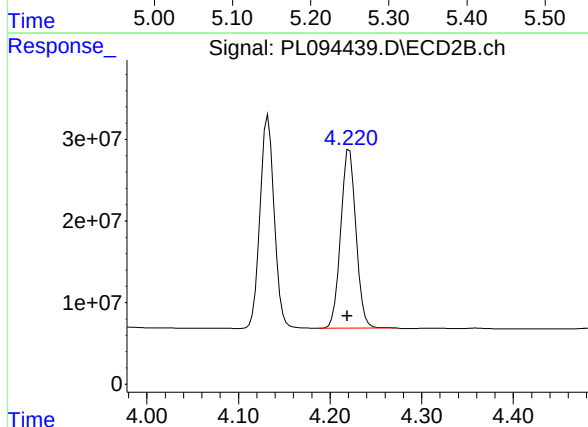
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.003 min
Response: 184786048
Conc: 53.85 ng/ml

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

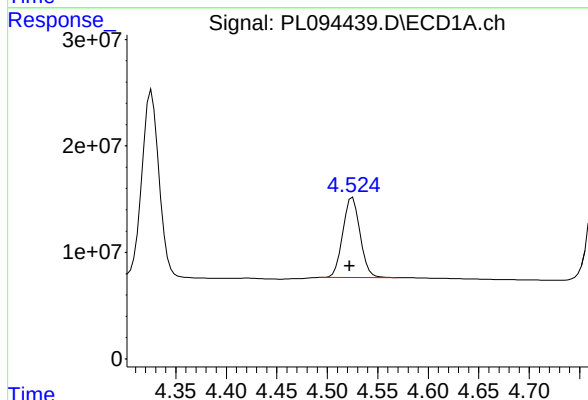
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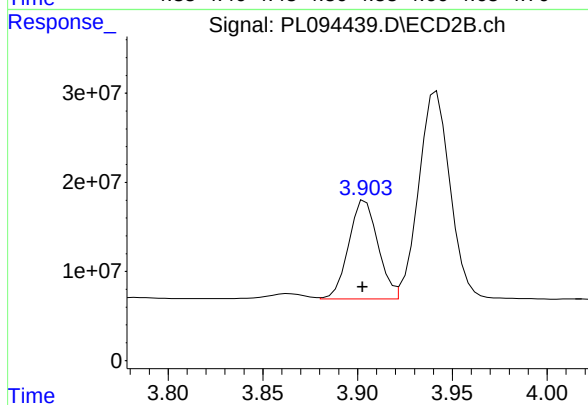
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.002 min
Response: 254707370
Conc: 55.13 ng/ml



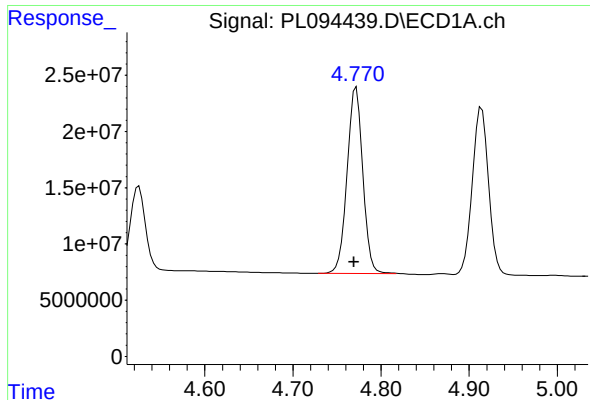
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.003 min
Response: 89762447
Conc: 56.21 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: 0.002 min
Response: 118501723
Conc: 59.58 ng/ml



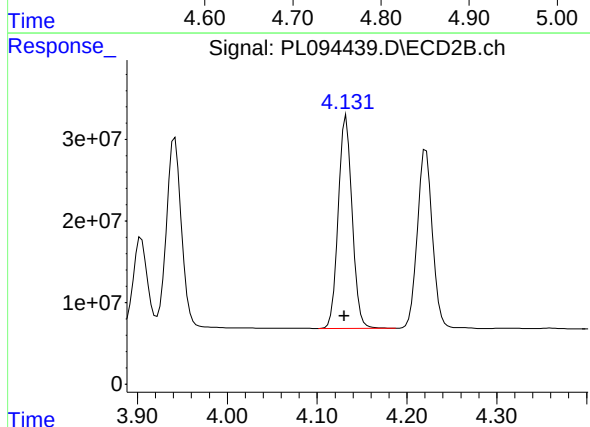
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.001 min
Response: 205849312
Conc: 58.18 ng/ml

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

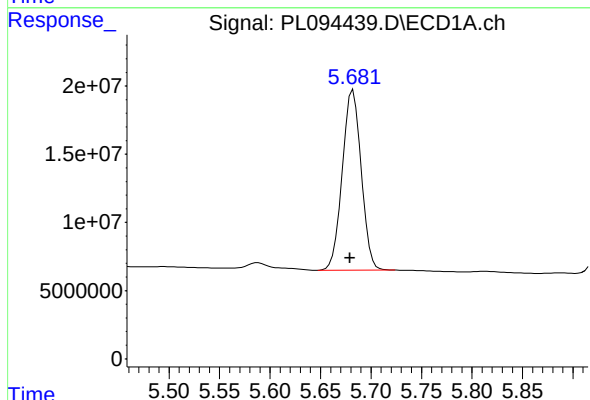
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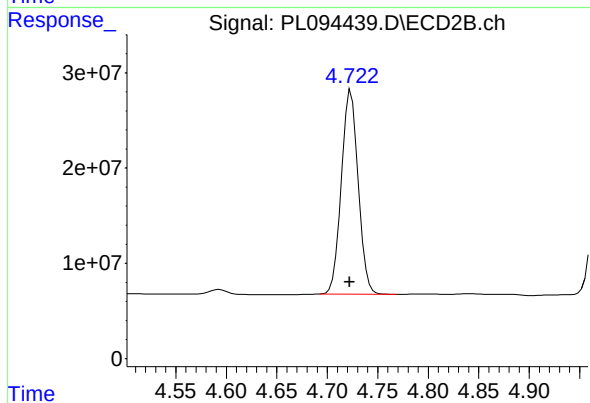
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: 0.002 min
Response: 279621596
Conc: 59.05 ng/ml



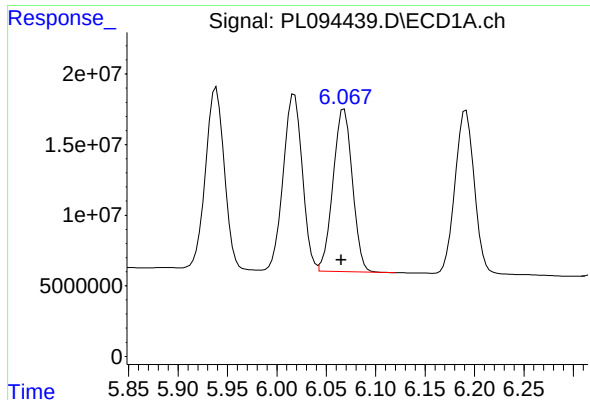
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.003 min
Response: 172519537
Conc: 57.25 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: 0.002 min
Response: 248741477
Conc: 58.45 ng/ml



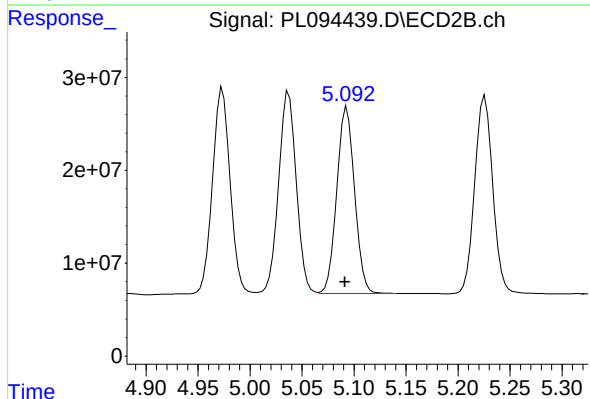
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.003 min
Response: 156373903
Conc: 56.89 ng/ml

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

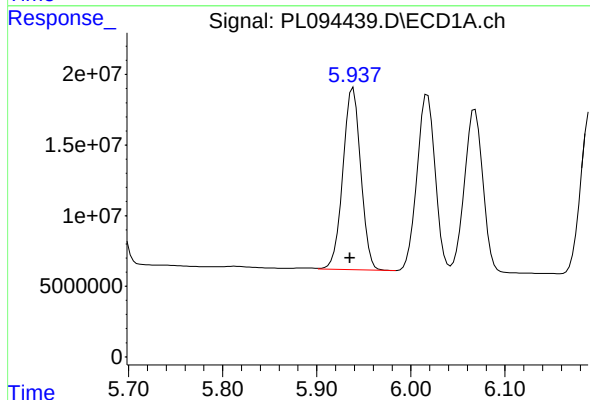
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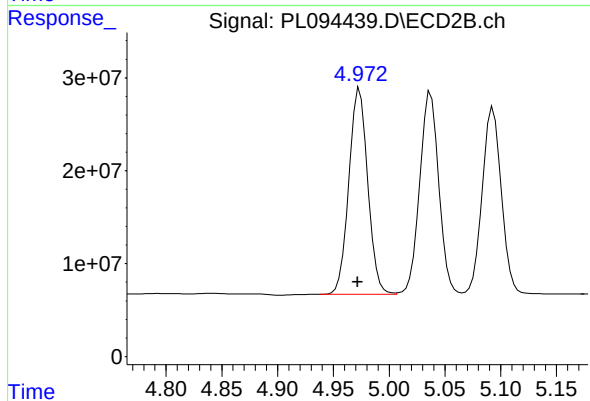
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.002 min
Response: 239438394
Conc: 60.06 ng/ml



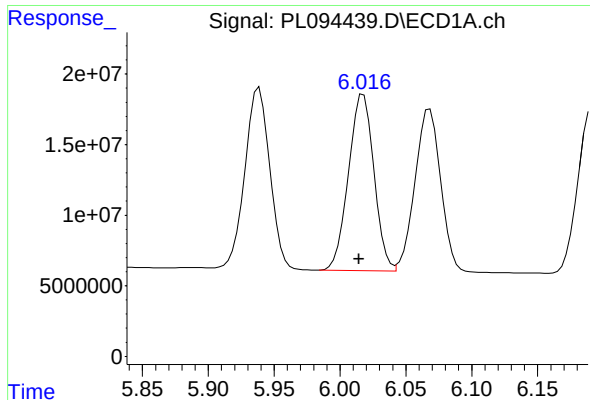
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.003 min
Response: 169576238
Conc: 57.75 ng/ml



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: 0.002 min
Response: 261115868
Conc: 60.18 ng/ml



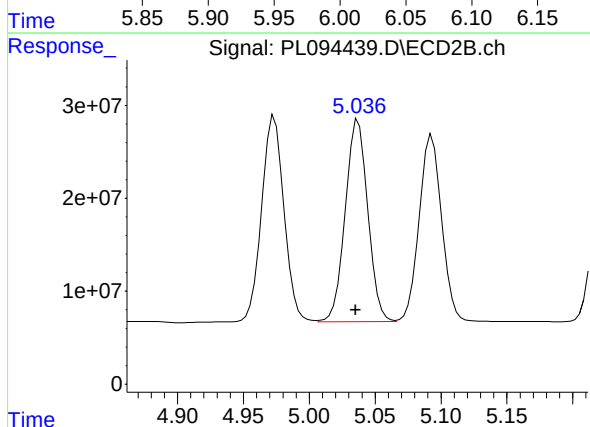
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.003 min
Response: 167797300
Conc: 57.92 ng/ml

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

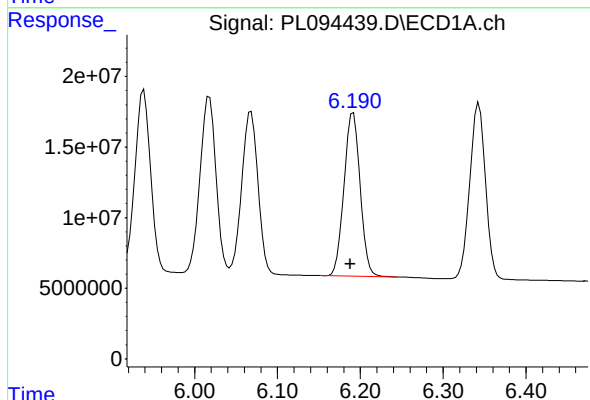
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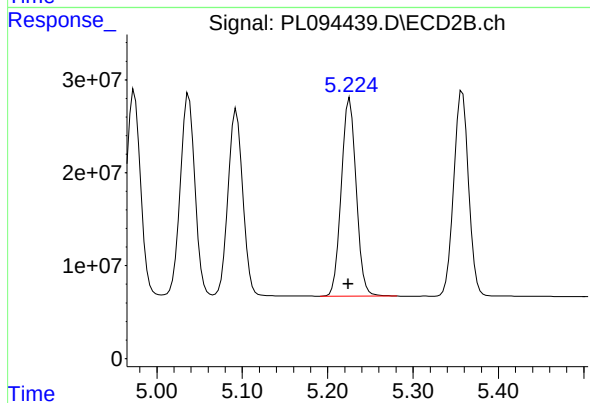
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.002 min
Response: 258290164
Conc: 59.82 ng/ml



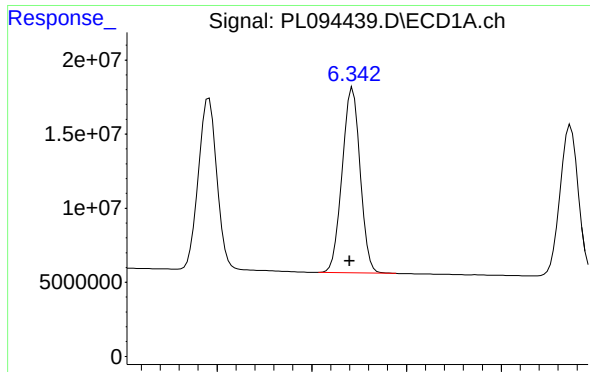
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.003 min
Response: 156920100
Conc: 60.08 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: 0.002 min
Response: 257052477
Conc: 61.20 ng/ml



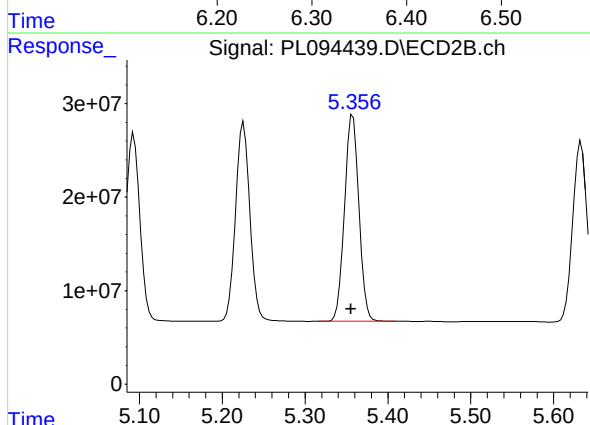
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.003 min
Response: 164350316
Conc: 57.69 ng/ml

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

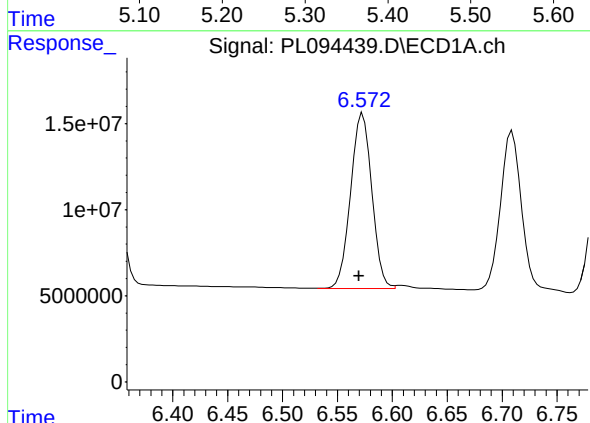
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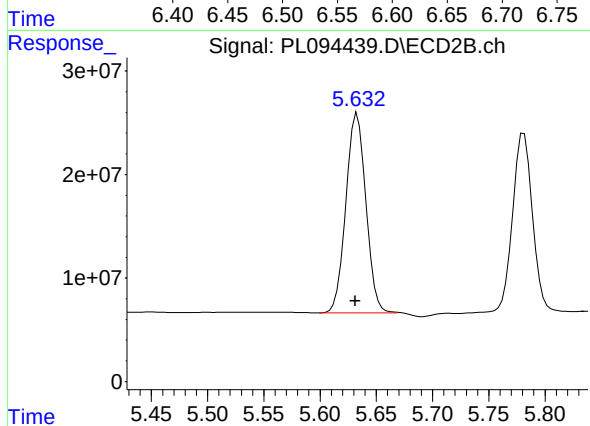
#13 Dieldrin

R.T.: 5.358 min
Delta R.T.: 0.002 min
Response: 266952590
Conc: 60.92 ng/ml



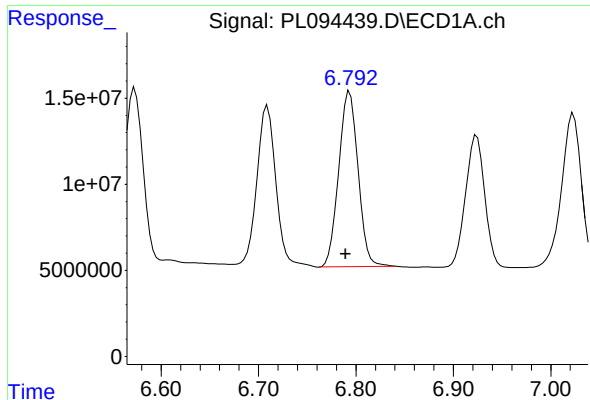
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.002 min
Response: 137357587
Conc: 53.82 ng/ml m



#14 Endrin

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 239057115
Conc: 70.21 ng/ml m



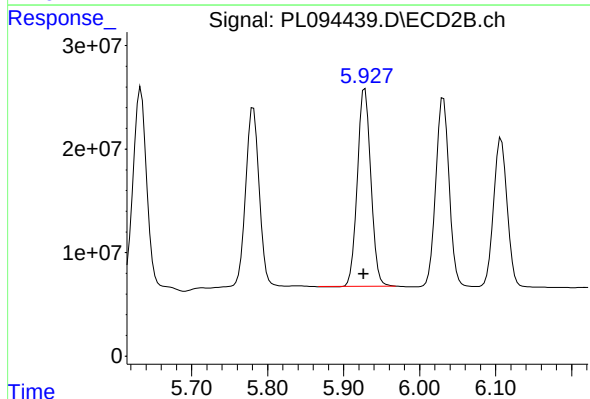
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.004 min
Response: 140350827
Conc: 55.76 ng/ml

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

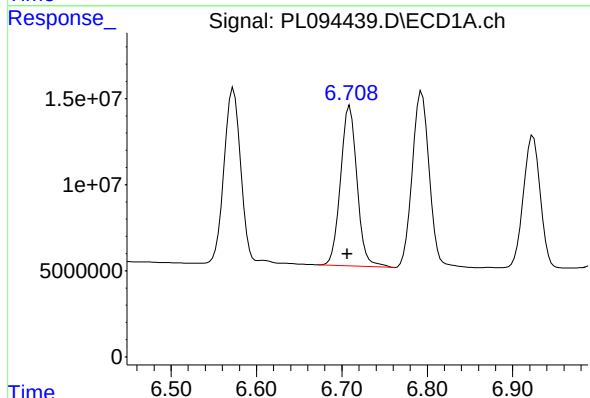
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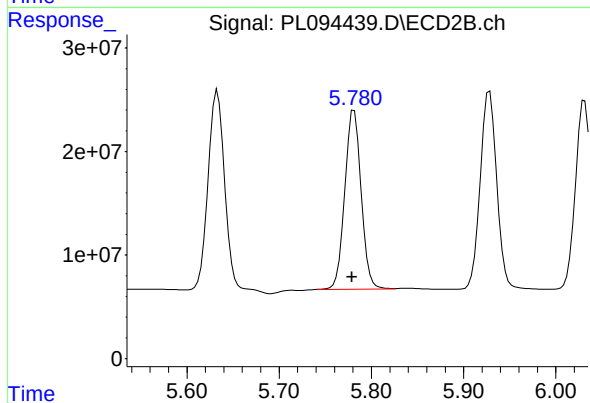
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: 0.002 min
Response: 236522349
Conc: 63.25 ng/ml



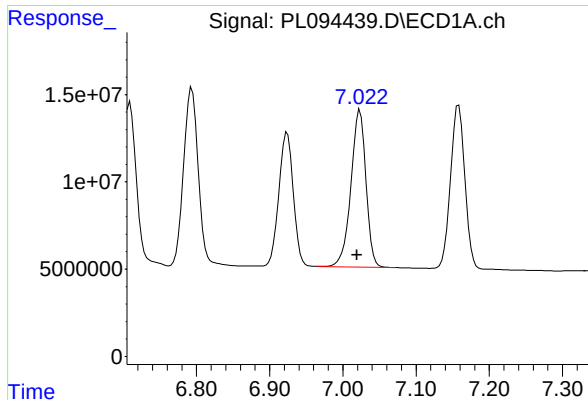
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.003 min
Response: 124446711
Conc: 67.28 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: 0.002 min
Response: 212812887
Conc: 66.81 ng/ml



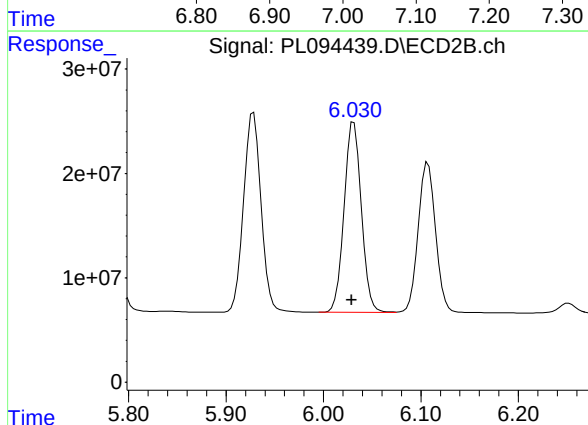
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.004 min
Response: 128653211
Conc: 61.26 ng/ml

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

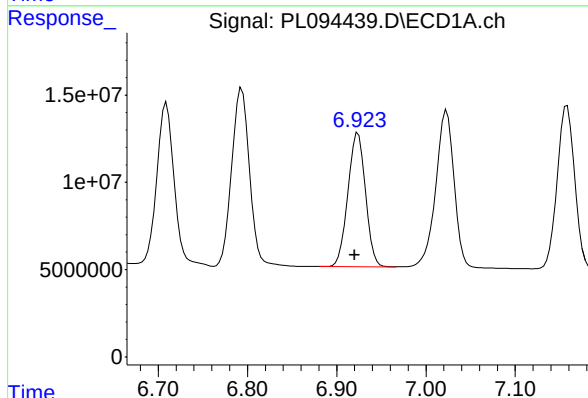
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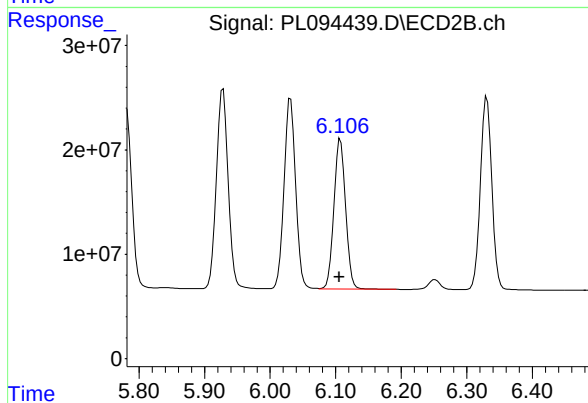
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 224726716
Conc: 63.18 ng/ml



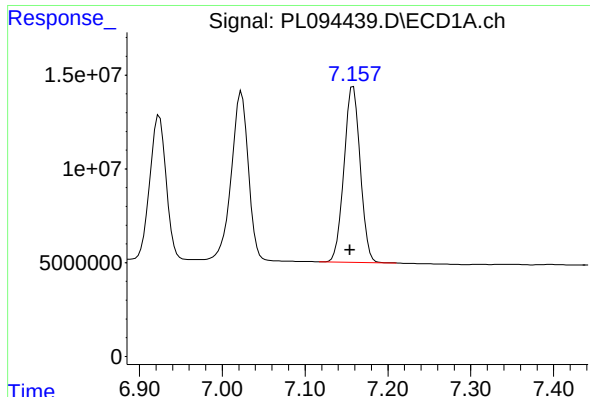
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.004 min
Response: 105211041
Conc: 54.04 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: 0.002 min
Response: 178628912
Conc: 56.52 ng/ml



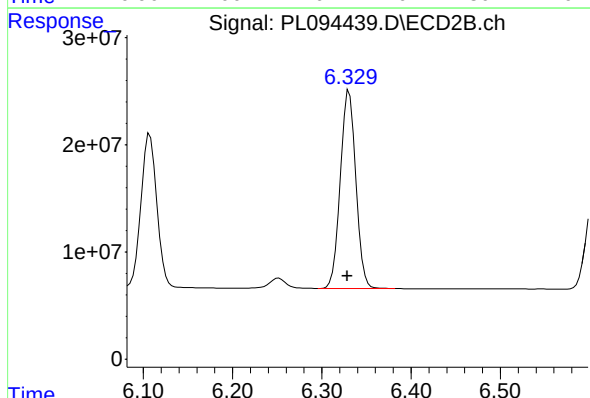
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.004 min
Response: 127580950
Conc: 56.36 ng/ml

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

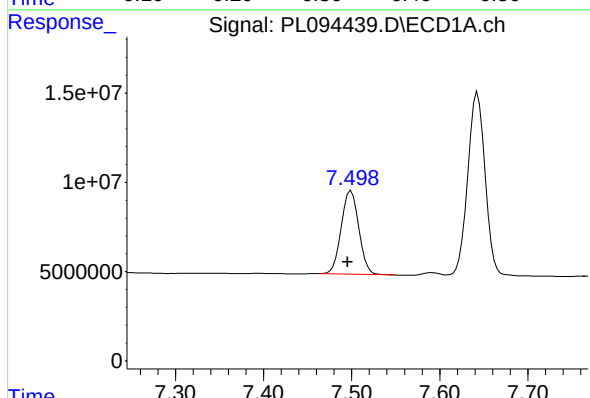
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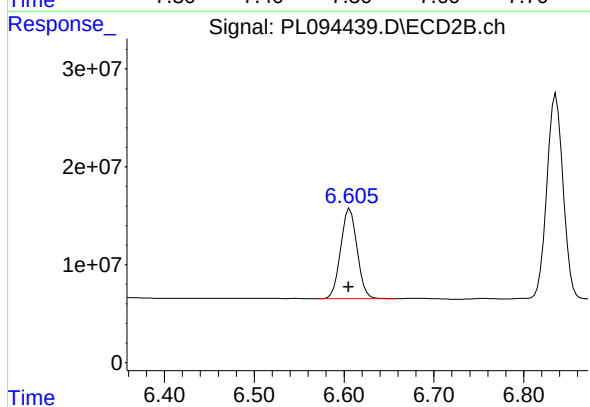
#19 Endosulfan Sulfate

R.T.: 6.331 min
Delta R.T.: 0.002 min
Response: 223586411
Conc: 60.53 ng/ml



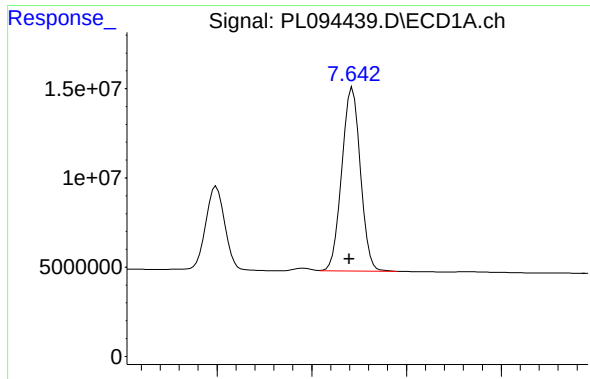
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.004 min
Response: 64858385
Conc: 58.38 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: 0.002 min
Response: 116685003
Conc: 59.81 ng/ml



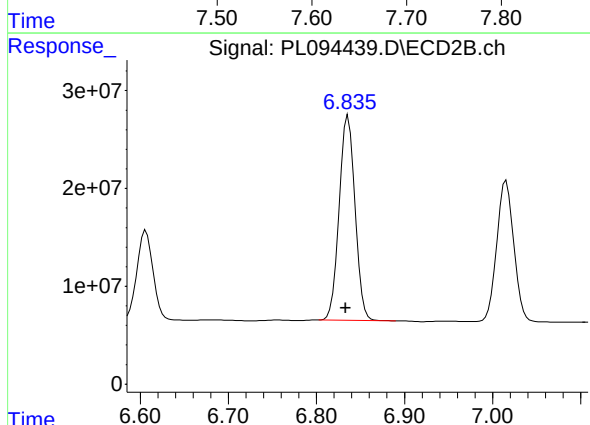
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.003 min
Response: 140154272
Conc: 55.91 ng/ml

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

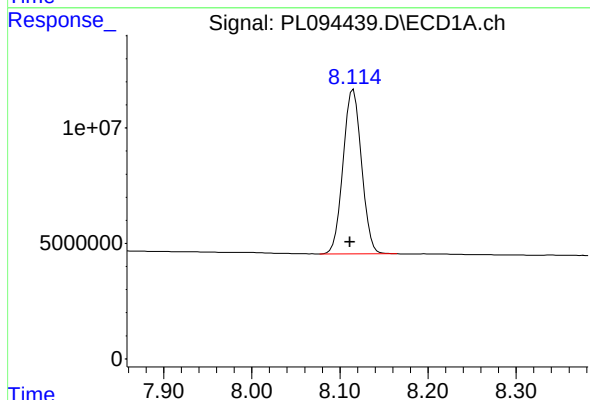
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/02/2025
Supervised By :Ankita Jodhani 03/04/2025



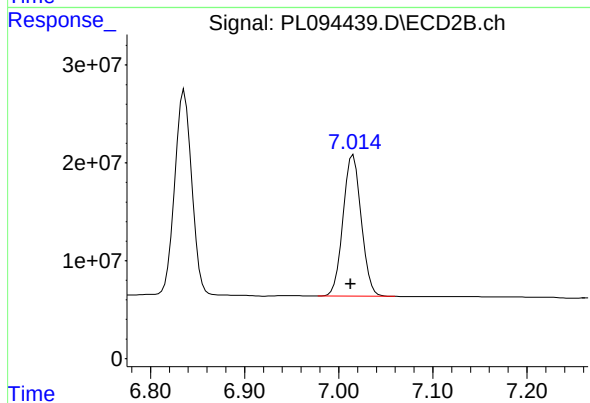
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: 0.003 min
Response: 261947818
Conc: 61.38 ng/ml



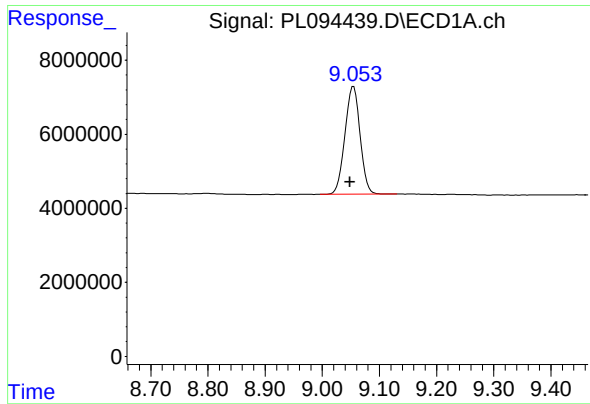
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.004 min
Response: 103610904
Conc: 50.22 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: 0.003 min
Response: 194059309
Conc: 55.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.006 min
Response: 53662971
Conc: 25.23 ng/ml

Instrument :

ECD_L

ClientSampleId :

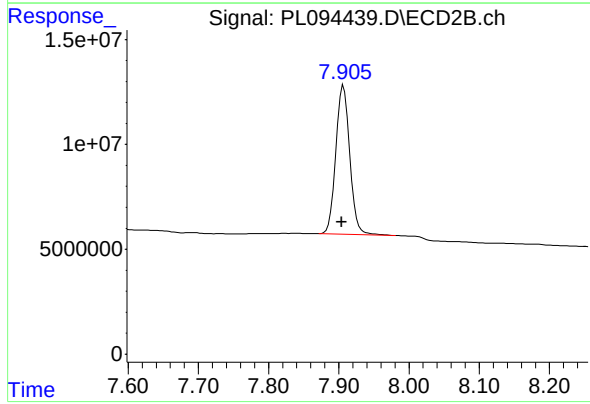
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#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.002 min
Response: 97669936
Conc: 25.40 ng/ml