

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022425\
 Data File : PL094381.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 16:38
 Operator : AR\AJ
 Sample : Q1411-03MSD 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 HR-03-02212025MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/25/2025
 Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 02:31:56 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	2.771	5856372	6962177	2.306	2.182
28) SA Decachlor...	9.049	7.905	4043517	5470290	1.901m	1.422 #
Target Compounds						
2) A alpha-BHC	3.992	3.273	19170468	21202418	5.068	4.314
3) MA gamma-BHC...	4.325	3.603	18244870	20258343	4.938	4.301
4) MA Heptachlor	4.912	3.941	17051478	21093901	5.029	4.469
5) MB Aldrin	5.254	4.220	16857641	19754219	4.912	4.275
6) B beta-BHC	4.522	3.903	9616613	10804978	6.022m	5.433
7) B delta-BHC	4.768	4.132	19958113	19935579	5.641m	4.210 #
8) B Heptachlo...	5.680	4.723	15136893	19362483	5.023	4.550
9) A Endosulfan I	6.066	5.092	14591372	17569327	5.309	4.407
10) B gamma-Chl...	5.936	4.973	15798589	20364279	5.381	4.693
11) B alpha-Chl...	6.015	5.036	15413049	20298045	5.320	4.701
12) B 4,4'-DDE	6.189	5.225	13696092	19416160	5.244	4.623
13) MA Dieldrin	6.341	5.356	14651739	19768061	5.143	4.511
14) MA Endrin	6.570	5.631	12158281	19507820	4.764m	5.730m
15) B Endosulfa...	6.791	5.927	12541382	16538630	4.982	4.423
16) A 4,4'-DDD	6.707	5.780	11418228	15166369	6.173	4.761
17) MA 4,4'-DDT	7.020	6.029	10042151	15395422	4.782	4.328
18) B Endrin al...	6.921	6.106	8422233	12351054	4.326	3.908
19) B Endosulfa...	7.155	6.329	11425885	15496194	5.047	4.195
20) A Methoxychlor	7.497	6.604	5119171	7208120	4.608	3.695
21) B Endrin ke...	7.639	6.834	11640116	16633733	4.643m	3.898
22) Mirex	8.114	7.014	9289942	13892230	4.502	3.984

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022425\
Data File : PL094381.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 16:38
Operator : AR\AJ
Sample : Q1411-03MSD 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

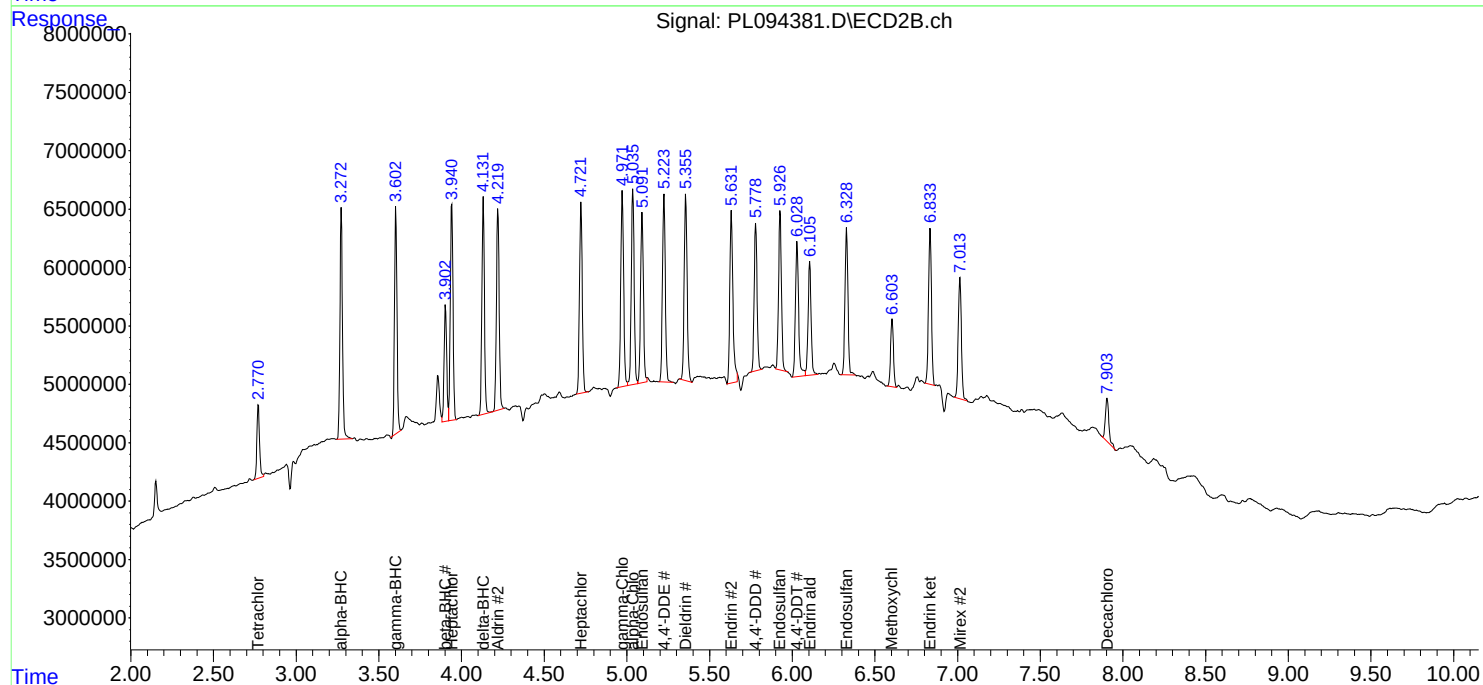
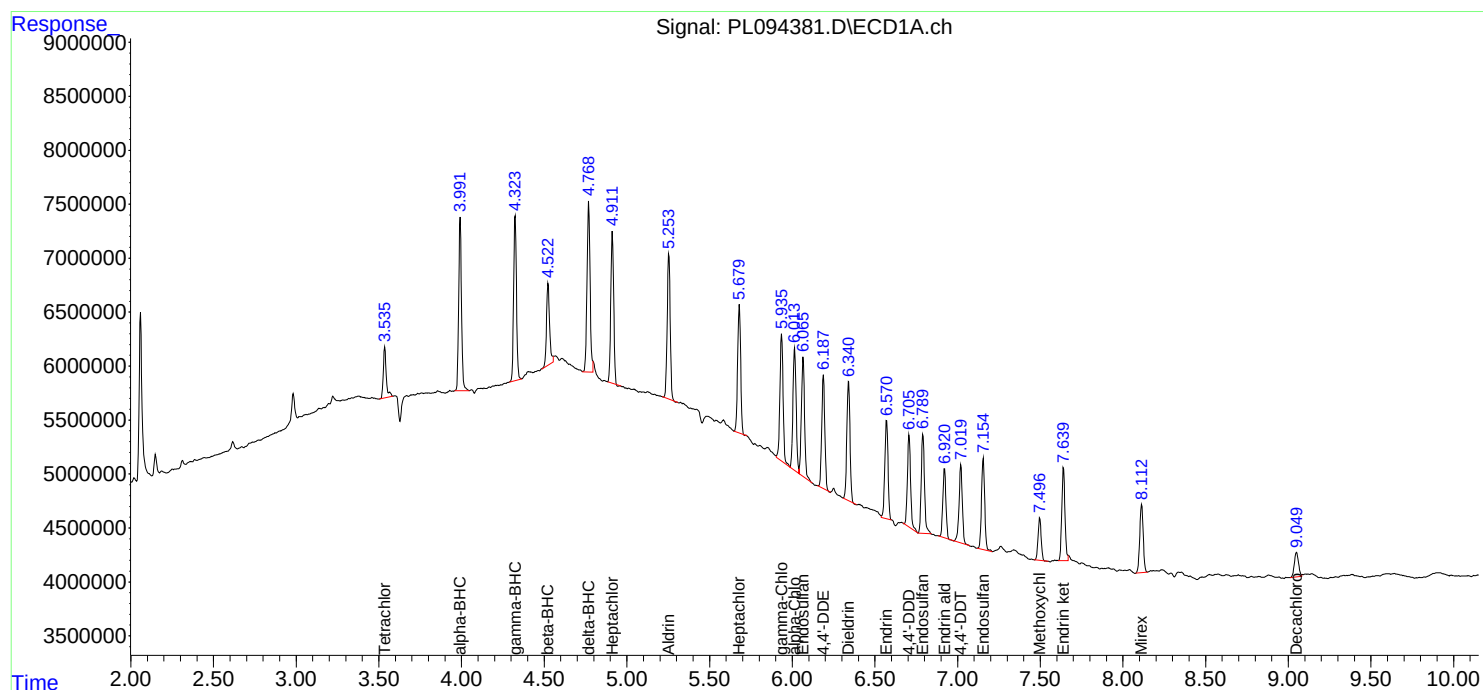
Instrument :
ECD_L
ClientSampleId :
HR-03-02212025MSD

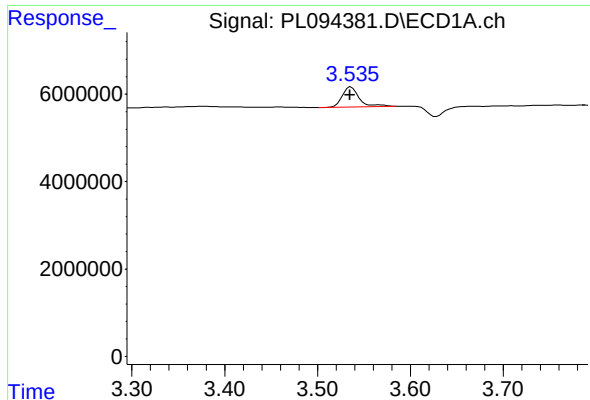
Manual Integrations
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Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 02:31:56 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





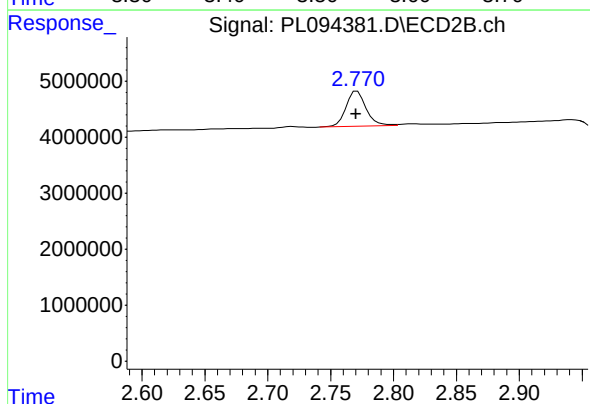
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: 0.001 min
Response: 5856372
Conc: 2.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-03-02212025MSD

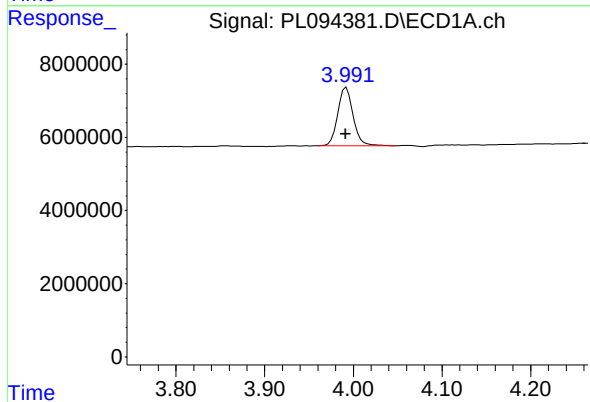
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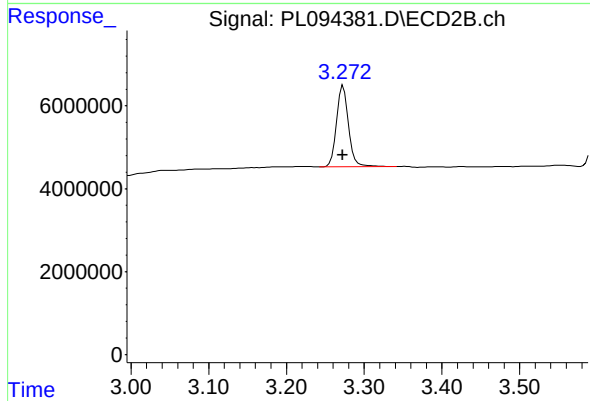
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 6962177
Conc: 2.18 ng/ml



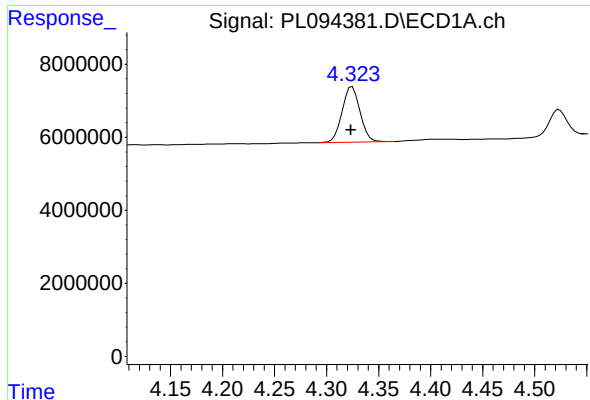
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: 0.000 min
Response: 19170468
Conc: 5.07 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: 0.000 min
Response: 21202418
Conc: 4.31 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.001 min
Response: 18244870
Conc: 4.94 ng/ml

Instrument :

ECD_L

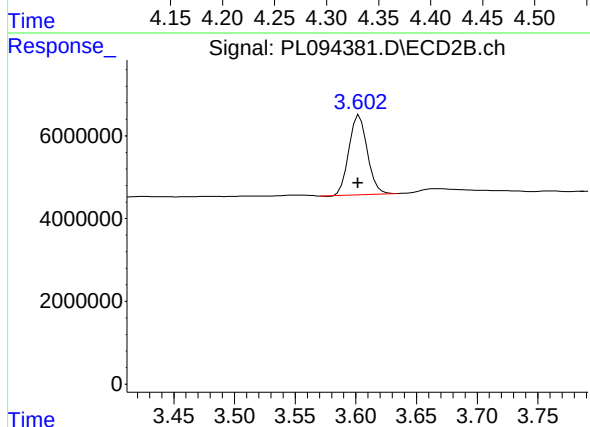
ClientSampleId :

HR-03-02212025MSD

Manual Integrations

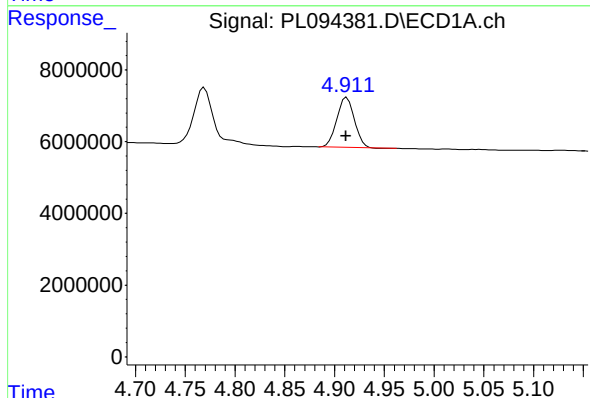
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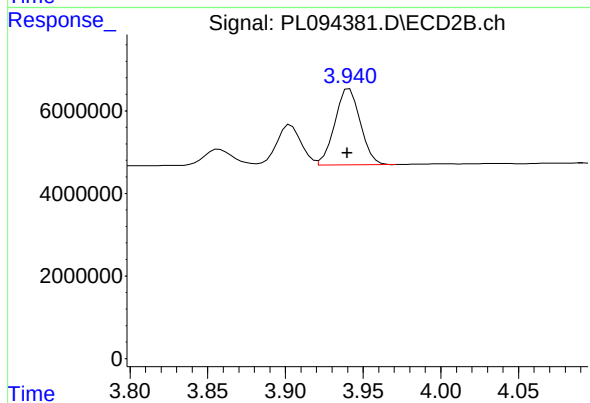
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: 0.001 min
Response: 20258343
Conc: 4.30 ng/ml



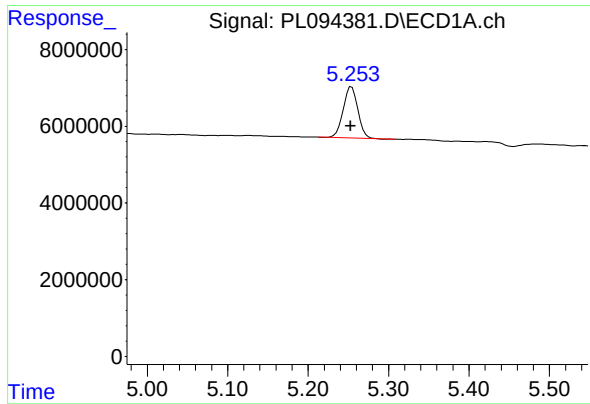
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 17051478
Conc: 5.03 ng/ml



#4 Heptachlor

R.T.: 3.941 min
Delta R.T.: 0.002 min
Response: 21093901
Conc: 4.47 ng/ml



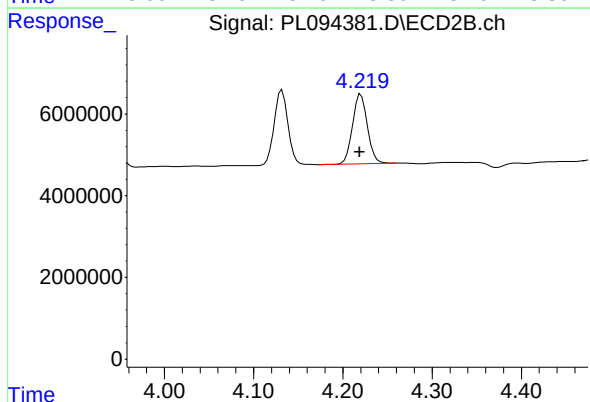
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: 0.000 min
Response: 16857641
Conc: 4.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-03-02212025MSD

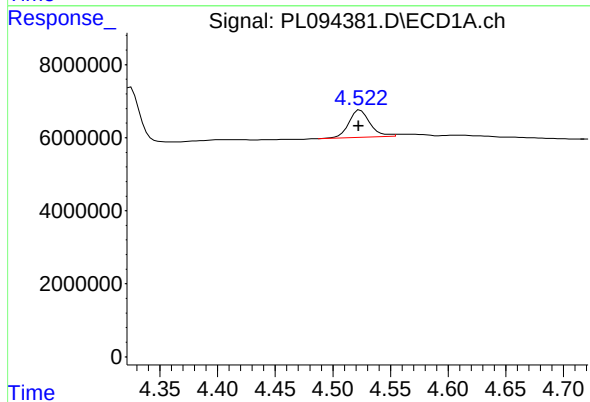
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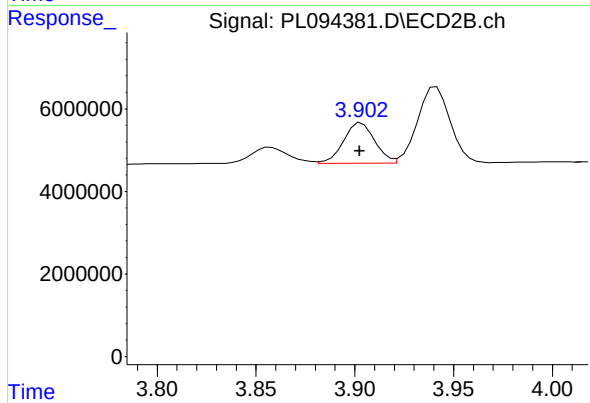
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: 0.001 min
Response: 19754219
Conc: 4.28 ng/ml



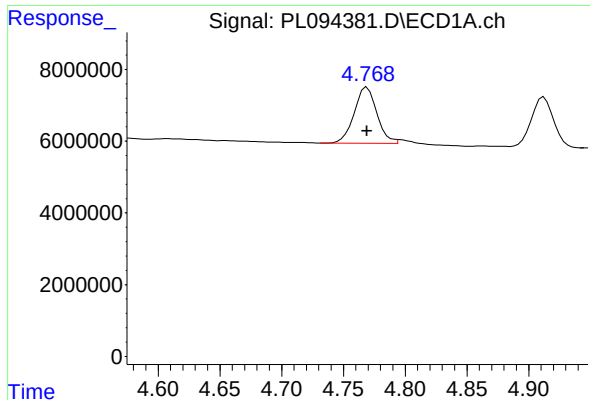
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 9616613
Conc: 6.02 ng/ml m



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: 0.000 min
Response: 10804978
Conc: 5.43 ng/ml



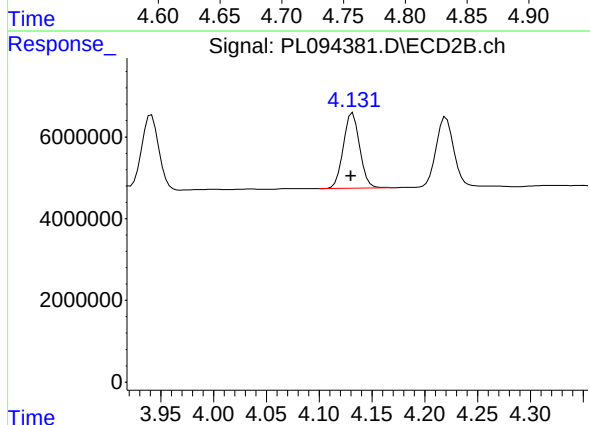
#7 delta-BHC

R.T.: 4.768 min
Delta R.T.: -0.001 min
Response: 19958113
Conc: 5.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
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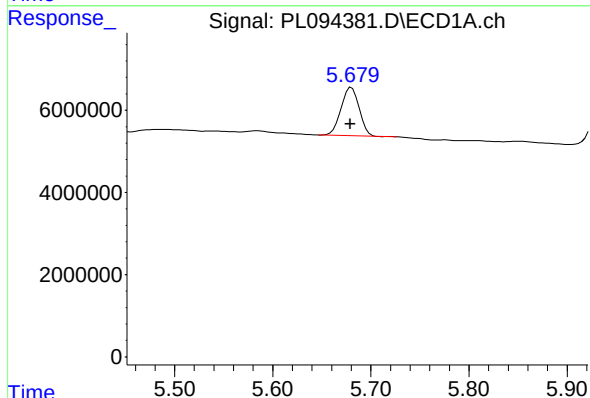
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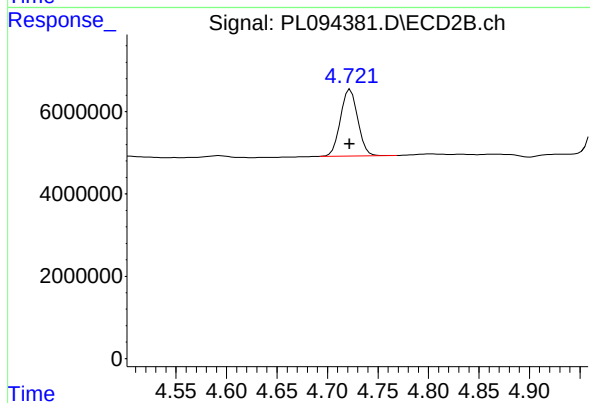
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: 0.002 min
Response: 19935579
Conc: 4.21 ng/ml



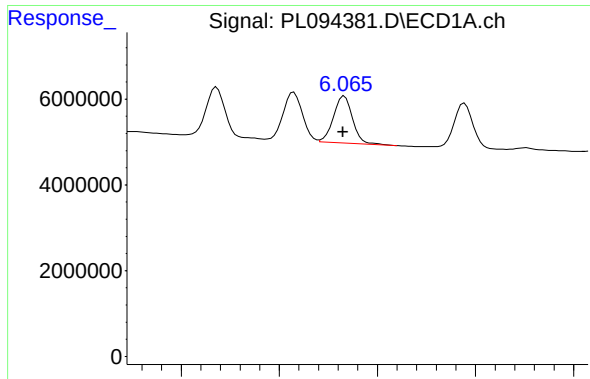
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: 0.001 min
Response: 15136893
Conc: 5.02 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 19362483
Conc: 4.55 ng/ml



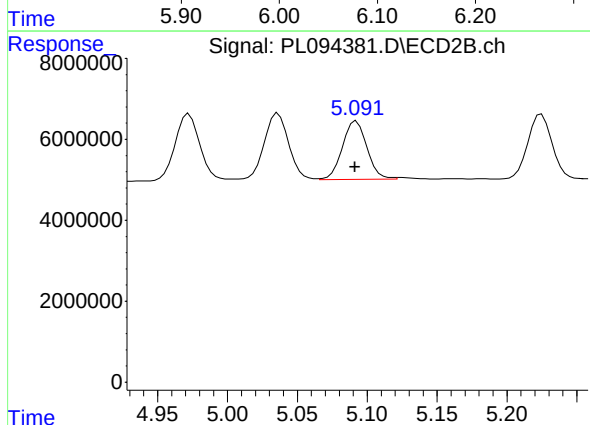
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: 0.001 min
Response: 14591372
Conc: 5.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-03-02212025MSD

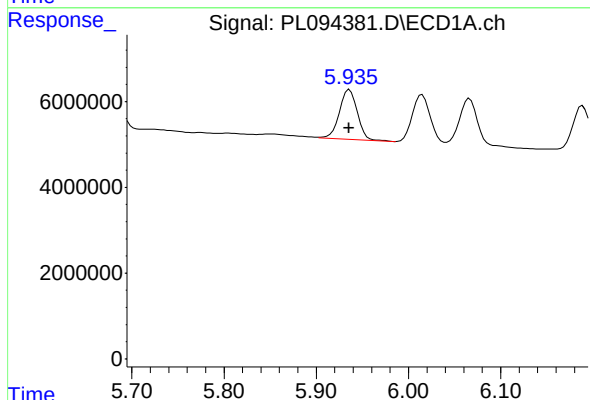
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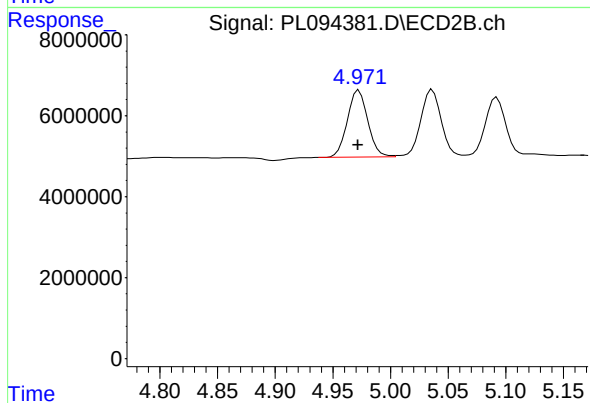
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: 0.001 min
Response: 17569327
Conc: 4.41 ng/ml



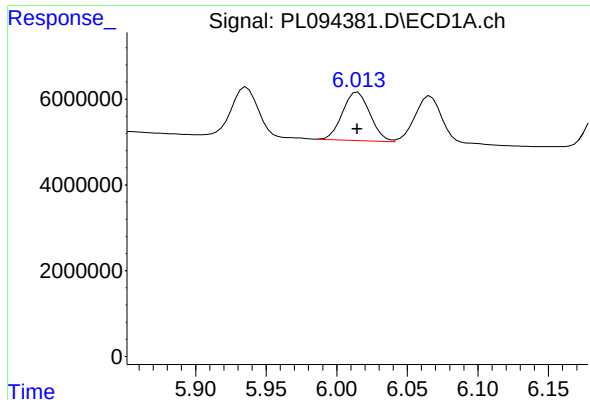
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 15798589
Conc: 5.38 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 20364279
Conc: 4.69 ng/ml



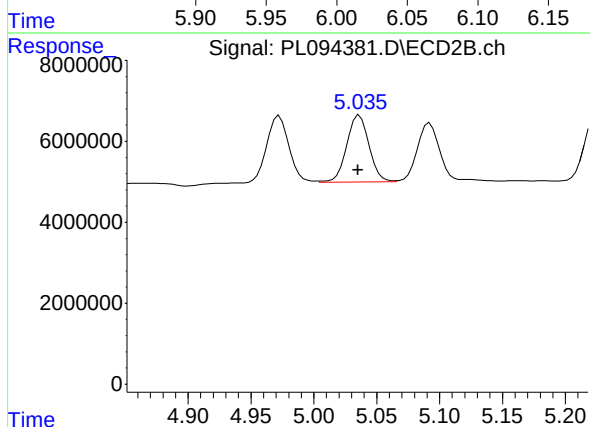
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: 0.000 min
Response: 15413049
Conc: 5.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-03-02212025MSD

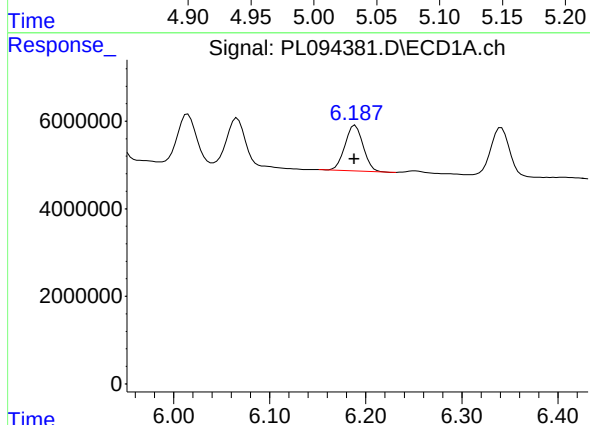
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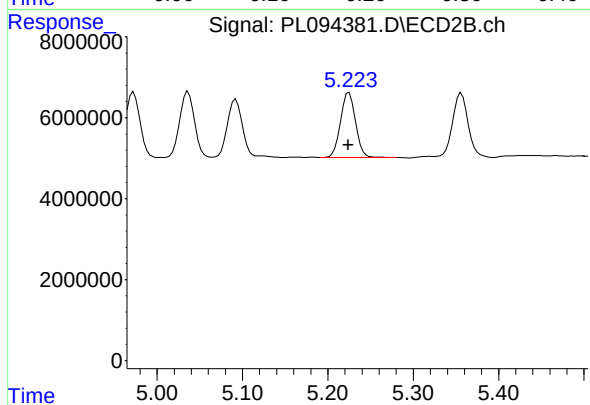
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: 0.001 min
Response: 20298045
Conc: 4.70 ng/ml



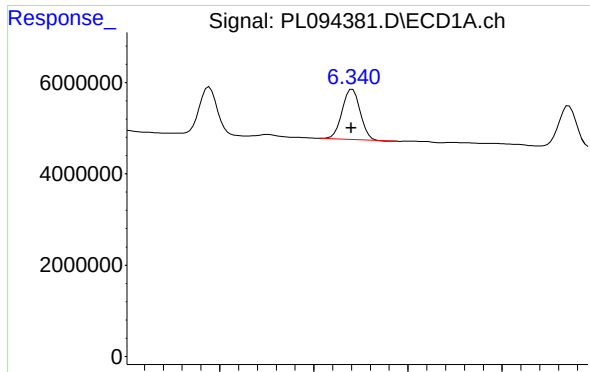
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 13696092
Conc: 5.24 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: 0.000 min
Response: 19416160
Conc: 4.62 ng/ml



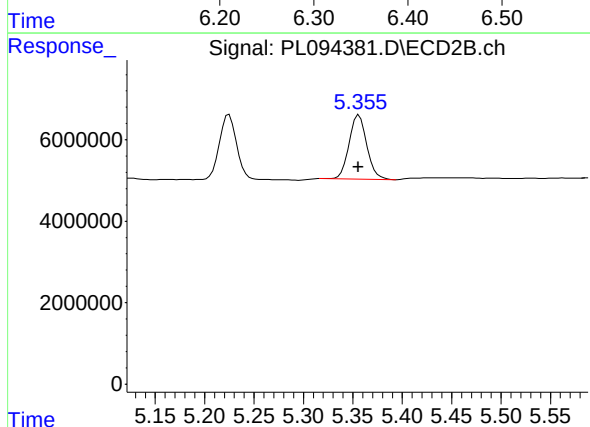
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 14651739
Conc: 5.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
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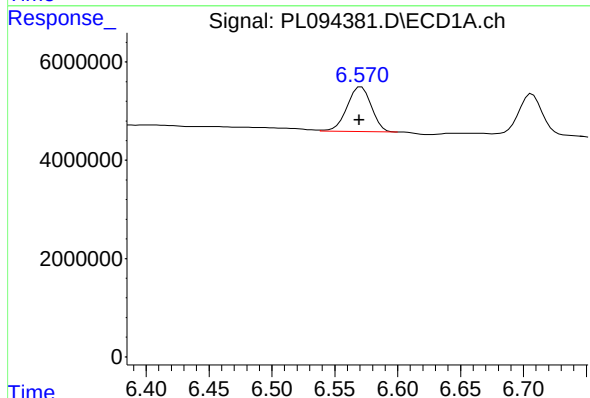
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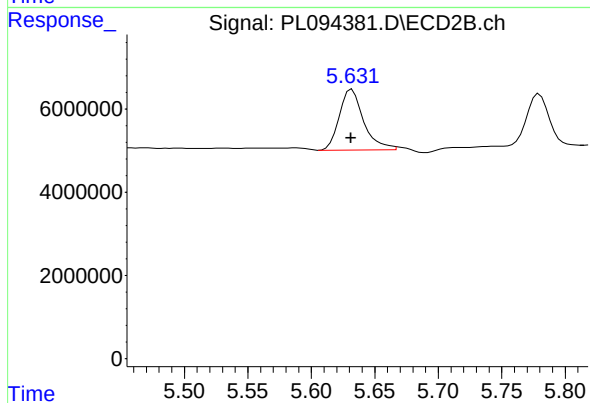
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: 0.000 min
Response: 19768061
Conc: 4.51 ng/ml



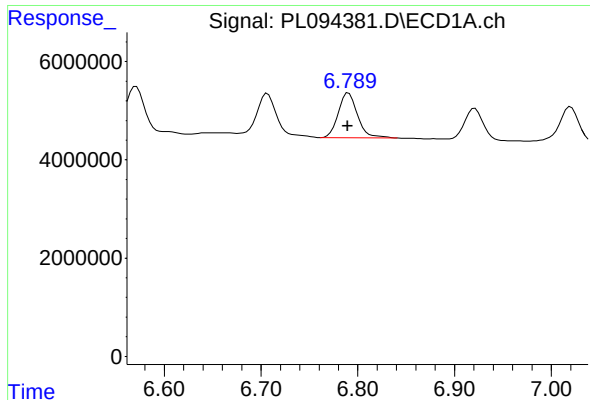
#14 Endrin

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 12158281
Conc: 4.76 ng/ml m



#14 Endrin

R.T.: 5.631 min
Delta R.T.: 0.000 min
Response: 19507820
Conc: 5.73 ng/ml m



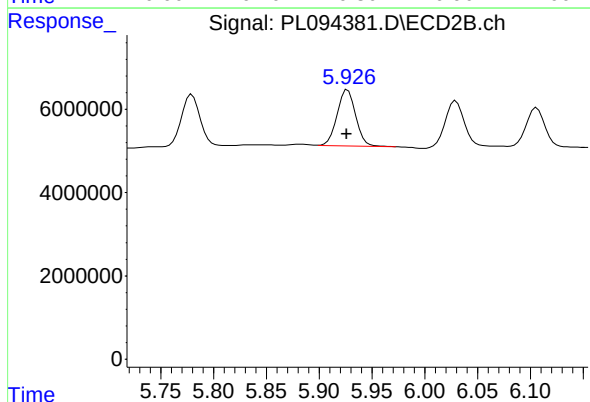
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: 0.001 min
Response: 12541382
Conc: 4.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
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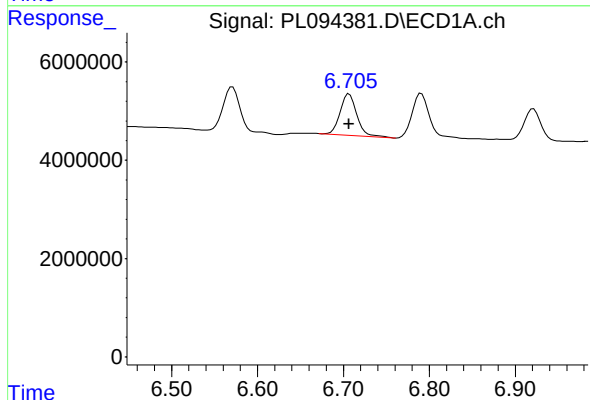
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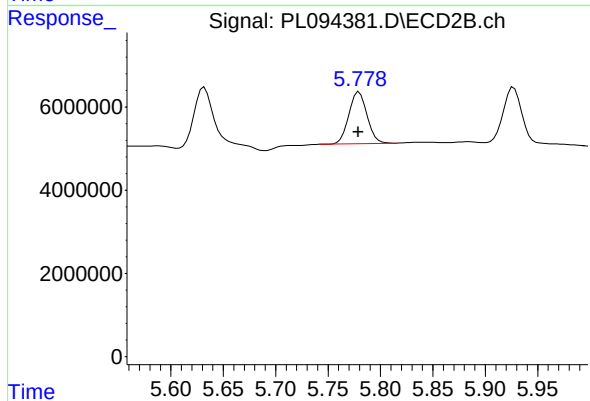
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: 0.000 min
Response: 16538630
Conc: 4.42 ng/ml



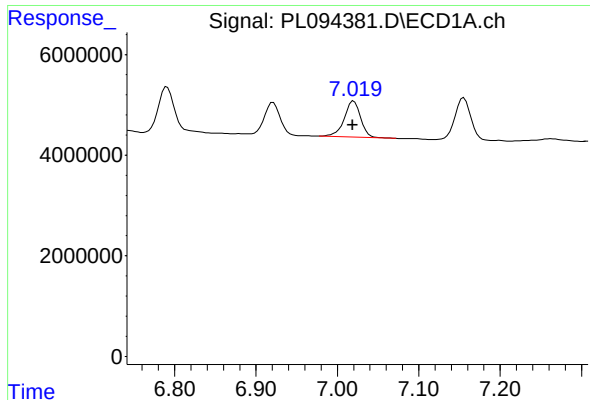
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 11418228
Conc: 6.17 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 15166369
Conc: 4.76 ng/ml



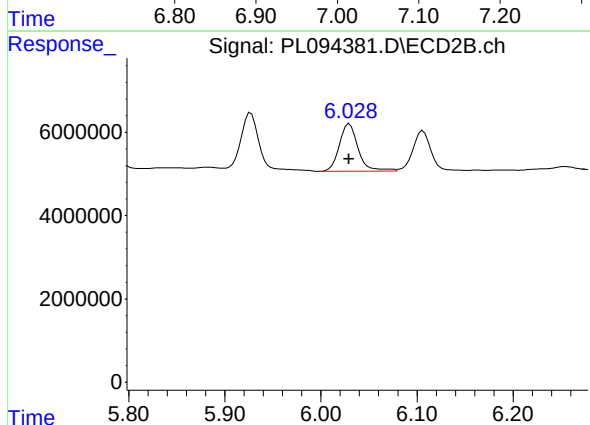
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: 0.001 min
Response: 10042151
Conc: 4.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-03-02212025MSD

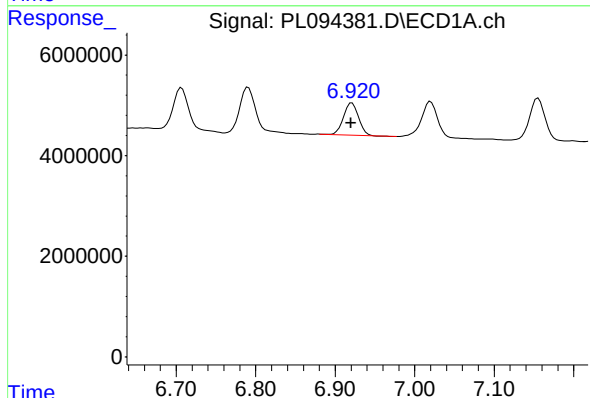
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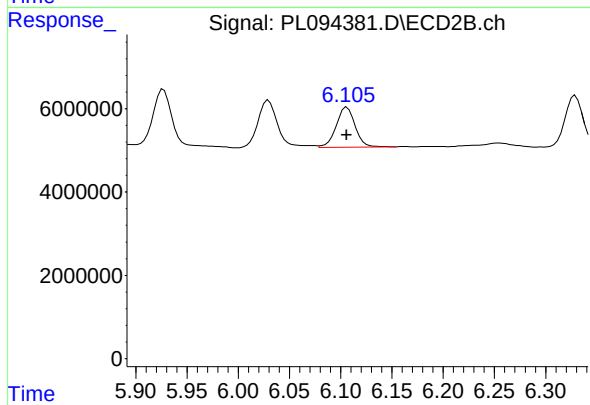
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 15395422
Conc: 4.33 ng/ml



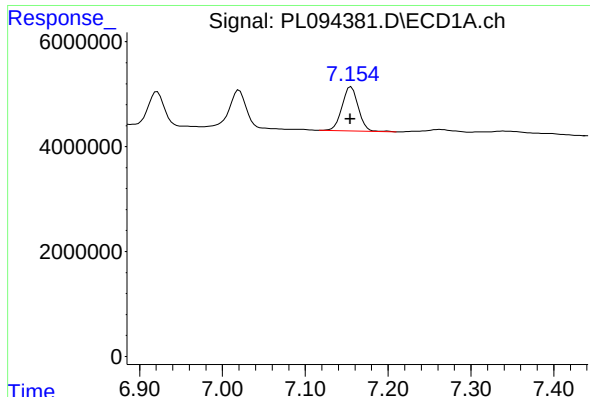
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: 0.001 min
Response: 8422233
Conc: 4.33 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: 0.000 min
Response: 12351054
Conc: 3.91 ng/ml



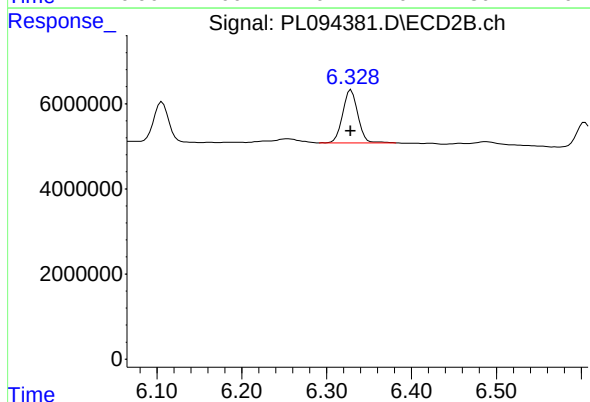
#19 Endosulfan Sulfate

R.T.: 7.155 min
Delta R.T.: 0.000 min
Response: 11425885
Conc: 5.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-03-02212025MSD

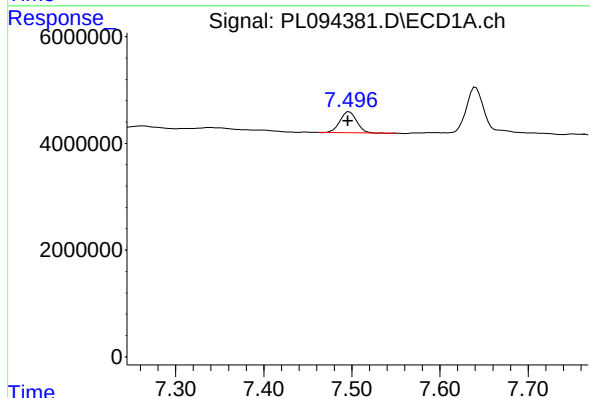
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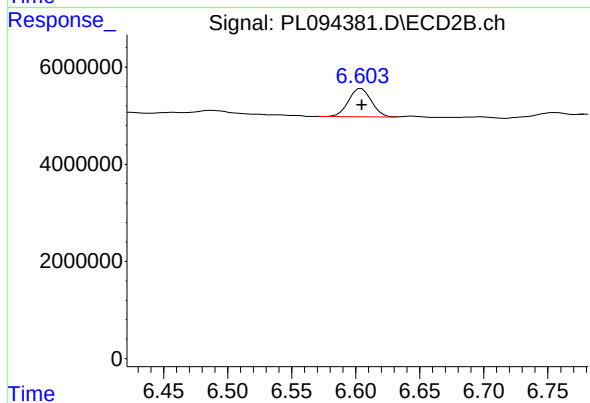
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: 0.000 min
Response: 15496194
Conc: 4.20 ng/ml



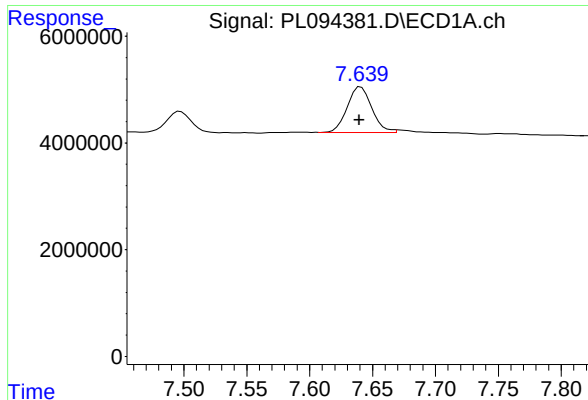
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: 0.002 min
Response: 5119171
Conc: 4.61 ng/ml



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: 0.000 min
Response: 7208120
Conc: 3.69 ng/ml



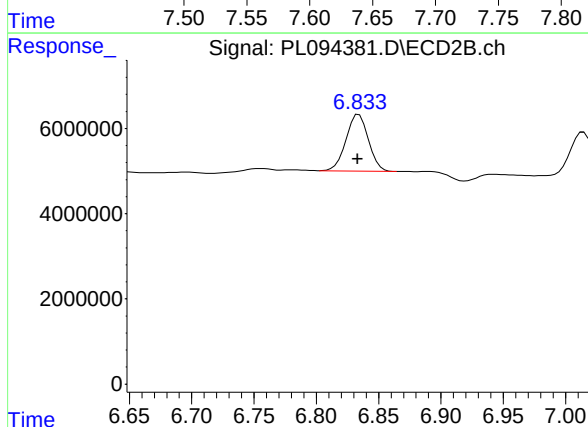
#21 Endrin ketone

R.T.: 7.639 min
Delta R.T.: 0.000 min
Response: 11640116
Conc: 4.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
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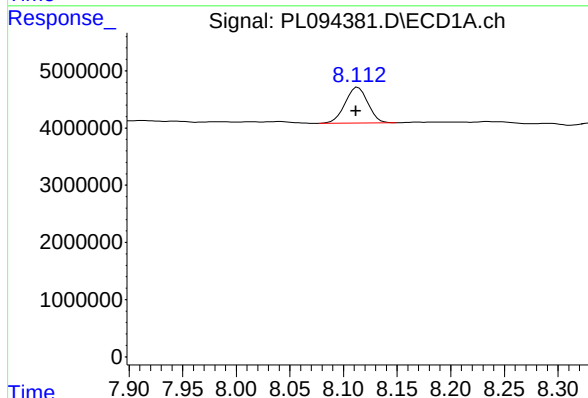
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Supervised By :Ankita Jodhani 02/25/2025



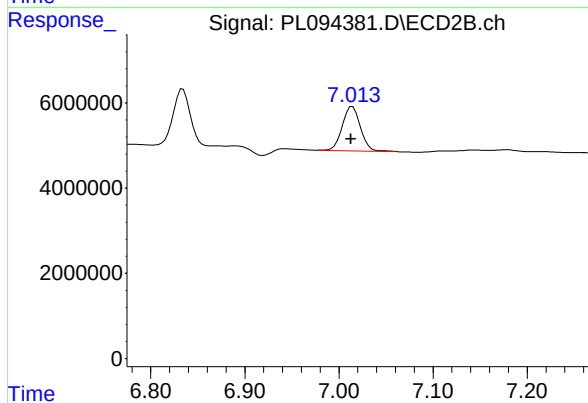
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: 0.000 min
Response: 16633733
Conc: 3.90 ng/ml



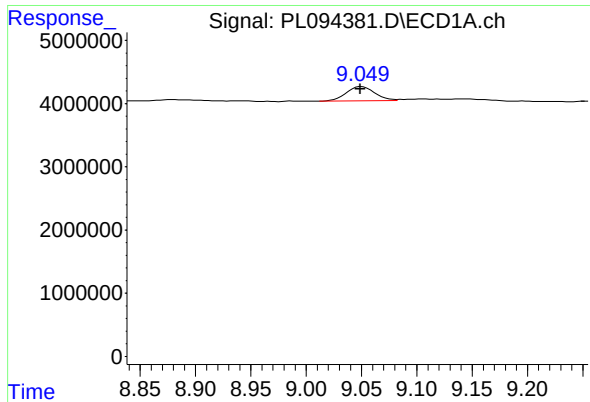
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.002 min
Response: 9289942
Conc: 4.50 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: 0.002 min
Response: 13892230
Conc: 3.98 ng/ml



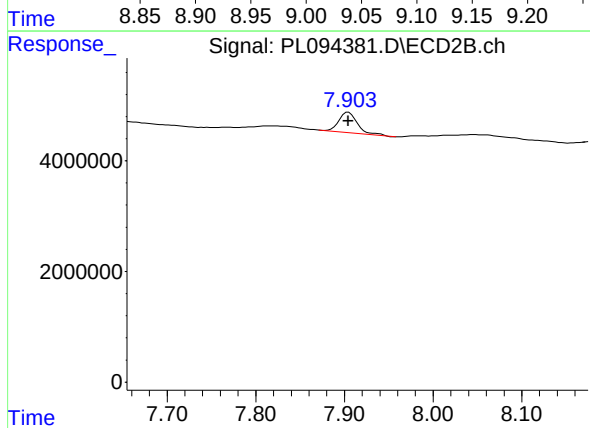
#28 Decachlorobiphenyl

R.T.: 9.049 min
Delta R.T.: 0.000 min
Response: 4043517
Conc: 1.90 ng/ml

Instrument : ECD_L
ClientSampleId : HR-03-02212025MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 5470290
Conc: 1.42 ng/ml