

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091324\
 Data File : PL091724.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2024 14:24
 Operator : AR\AJ
 Sample : P3932-03MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 FM1MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/16/2024
 Supervised By :Ankita Jodhani 09/16/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 14 03:41:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090924.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 19:26:36 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.544	2.783	30292841	40541861	19.436	21.677
2) SA Decachlor...	9.059	7.924	19782804	30641693	16.278	16.594
Target Compounds						
2) A alpha-BHC	4.000	3.287	132.1E6	174.8E6	61.156	65.733
3) MA gamma-BHC...	4.329	3.616	216.6E6	188.7E6	105.356m	76.720m#
4) MA Heptachlor	4.921	3.956	115.1E6	154.5E6	61.435	64.145
5) MB Aldrin	5.261	4.237	108.0E6	141.8E6	57.968m	62.142
6) B beta-BHC	4.529	3.916	54018270	67889670	59.359	62.144
7) B delta-BHC	4.777	4.145	115.9E6	154.7E6	60.330	67.237
8) B Heptachlo...	5.689	4.738	102.3E6	132.7E6	61.297	62.939m
9) A Endosulfan I	6.074	5.109	93666499	127.1E6	60.116	65.877
10) B gamma-Chl...	5.943	4.988	103.1E6	144.9E6	61.685m	65.695m
11) B alpha-Chl...	6.024	5.053	104.4E6	142.0E6	64.759	68.649
12) B 4,4'-DDE	6.197	5.242	89436183	125.5E6	61.314	66.152
13) MA Dieldrin	6.349	5.374	99259211	133.3E6	60.830	64.867
14) MA Endrin	6.578	5.649	80223783	117.8E6	60.333m	62.424
15) B Endosulfa...	6.798	5.943	90309526	116.8E6	58.264	66.011
16) A 4,4'-DDD	6.714	5.797	78784536	108.8E6	62.155	64.923
17) MA 4,4'-DDT	7.027	6.047	77425482	100.4E6	59.025	62.509
18) B Endrin al...	6.927	6.123	67474916	87102143	56.791m	63.716
19) B Endosulfa...	7.162	6.346	81752294	109.1E6	58.545	63.546
20) A Methoxychlor	7.503	6.623	39663649	52988834	58.634	59.823
21) B Endrin ke...	7.648	6.851	92086669	127.4E6	59.552	63.359
22) Mirex	8.121	7.032	69090204	98811461	57.698	55.724

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091324\
 Data File : PL091724.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2024 14:24
 Operator : AR\AJ
 Sample : P3932-03MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

FM1MSD

Manual Integrations

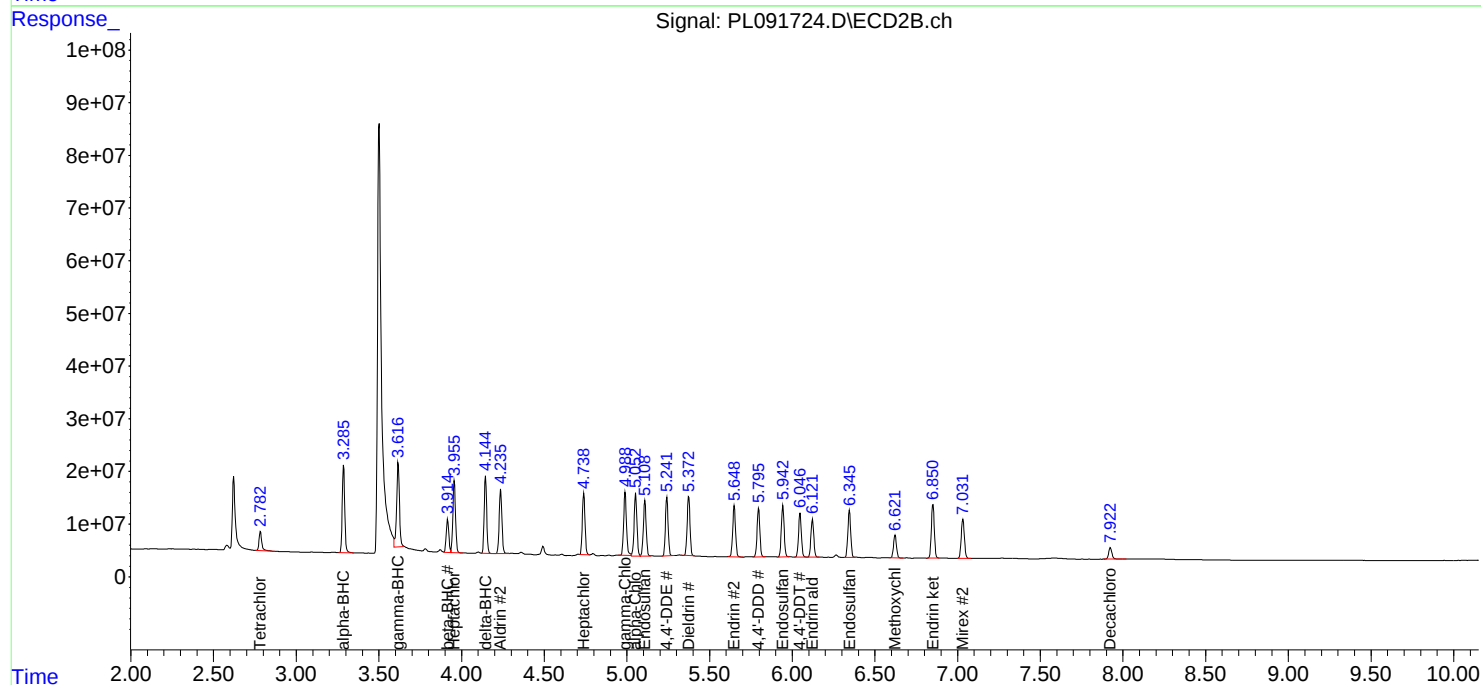
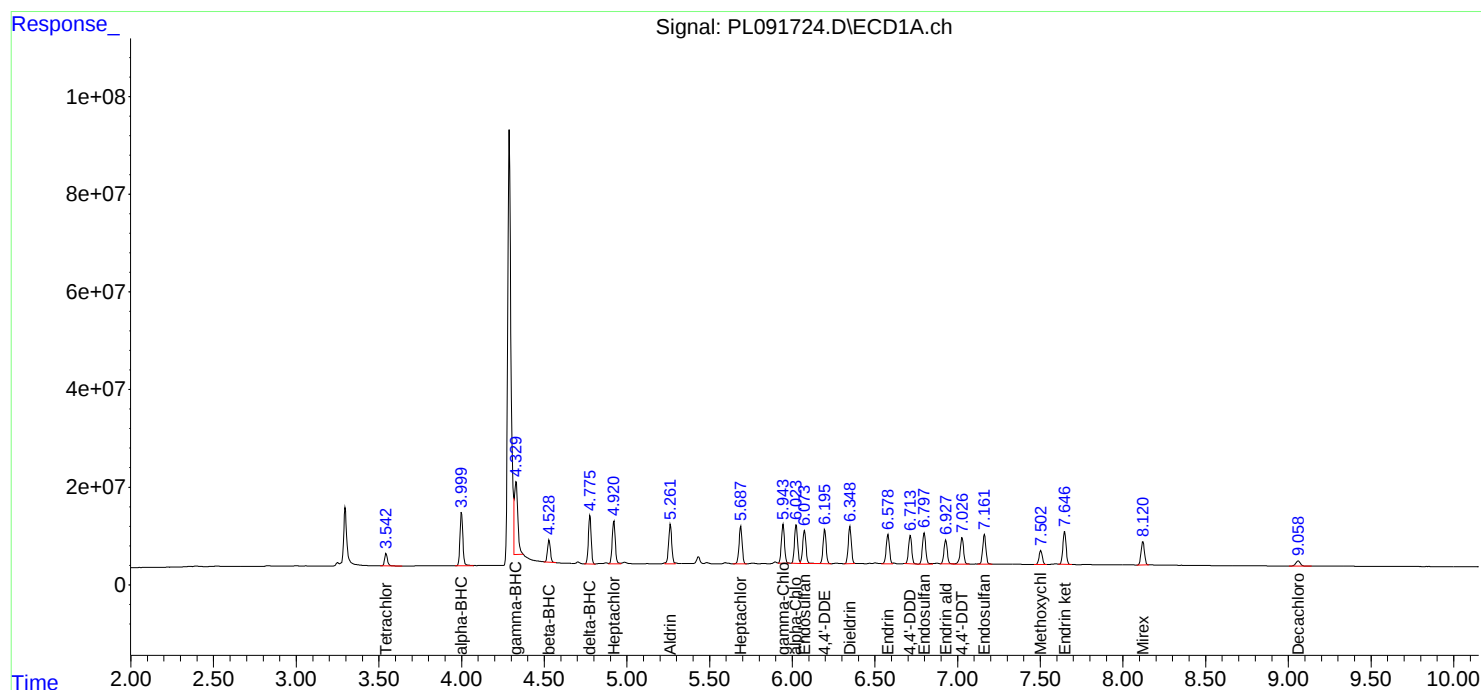
APPROVED

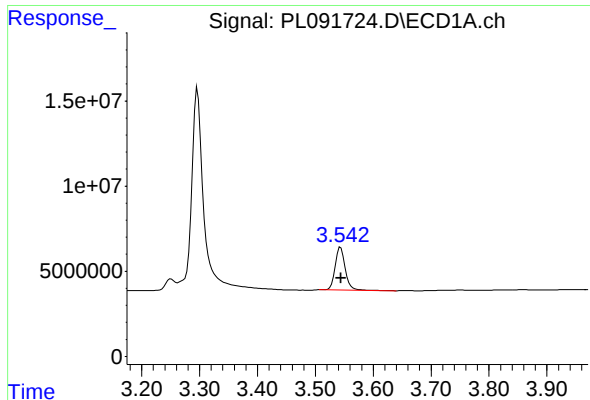
Reviewed By :Abdul Mirza 09/16/2024

Supervised By :Ankita Jodhani 09/16/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 14 03:41:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090924.M
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





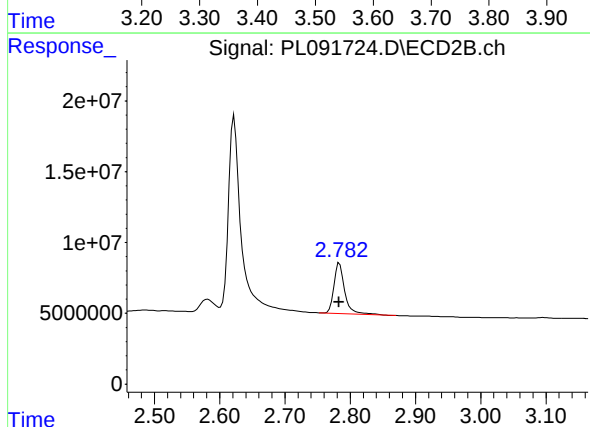
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 30292841
Conc: 19.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
FM1MSD

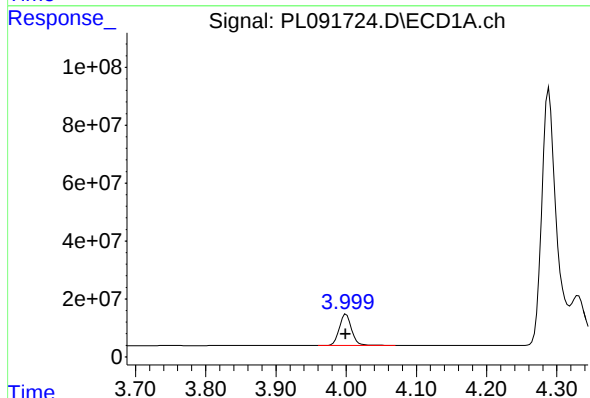
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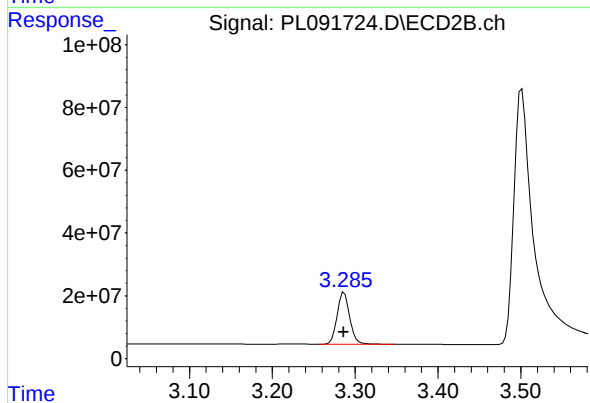
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: 0.000 min
Response: 40541861
Conc: 21.68 ng/ml



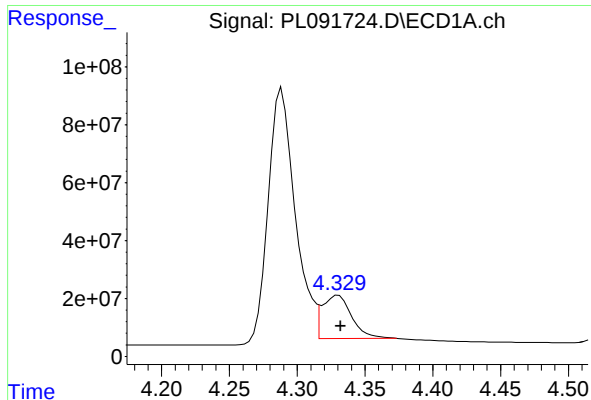
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 132092827
Conc: 61.16 ng/ml



#2 alpha-BHC

R.T.: 3.287 min
Delta R.T.: 0.000 min
Response: 174822272
Conc: 65.73 ng/ml



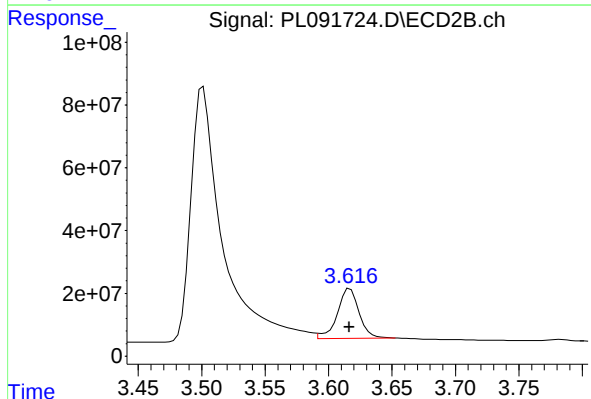
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 216580469
Conc: 105.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
FM1MSD

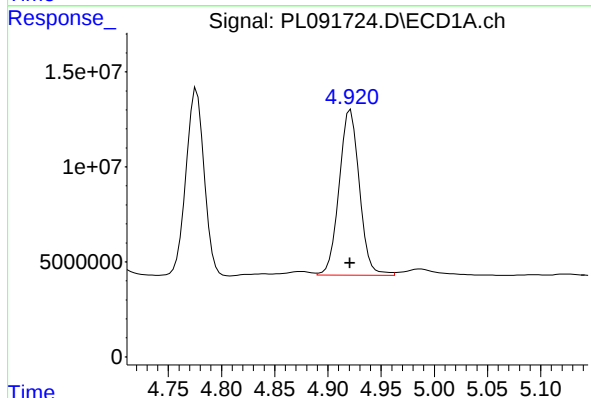
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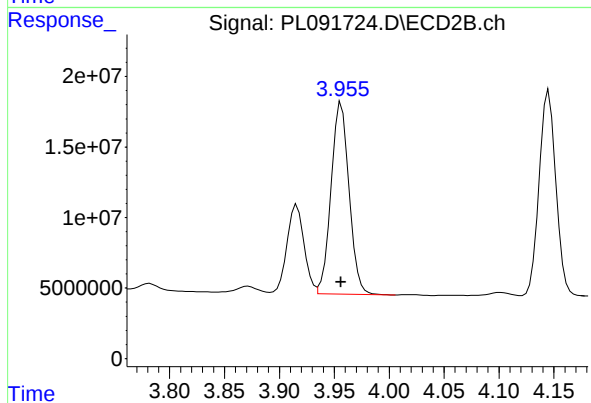
#3 gamma-BHC (Lindane)

R.T.: 3.616 min
Delta R.T.: 0.000 min
Response: 188688833
Conc: 76.72 ng/ml



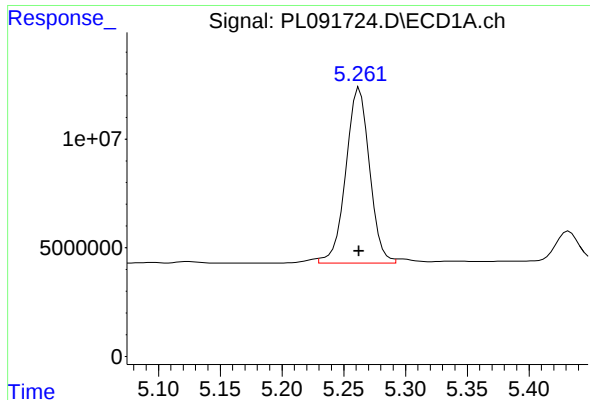
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 115068888
Conc: 61.43 ng/ml



#4 Heptachlor

R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 154482266
Conc: 64.15 ng/ml



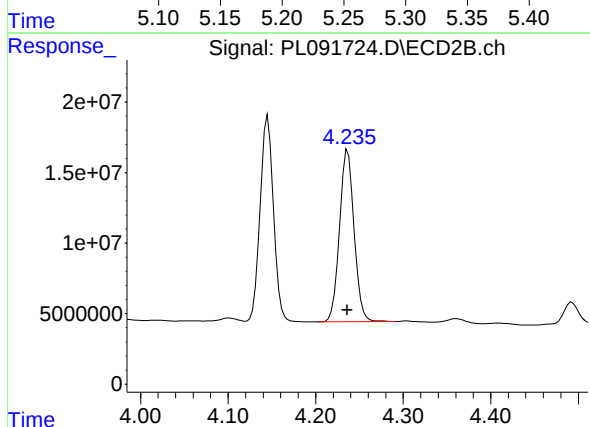
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: -0.001 min
Response: 107969521
Conc: 57.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
FM1MSD

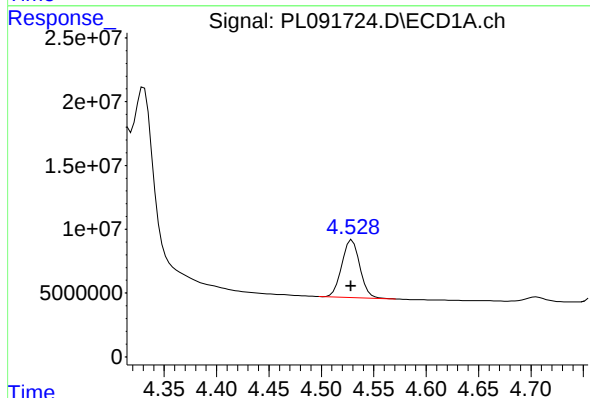
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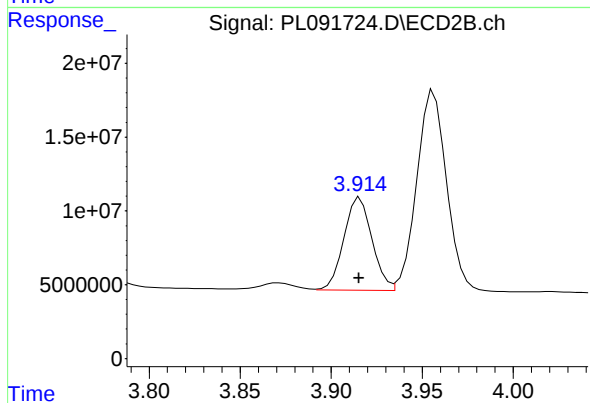
#5 Aldrin

R.T.: 4.237 min
Delta R.T.: 0.000 min
Response: 141777225
Conc: 62.14 ng/ml



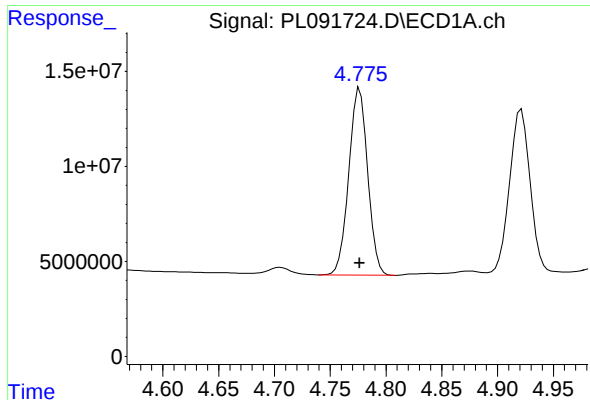
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 54018270
Conc: 59.36 ng/ml



#6 beta-BHC

R.T.: 3.916 min
Delta R.T.: 0.000 min
Response: 67889670
Conc: 62.14 ng/ml



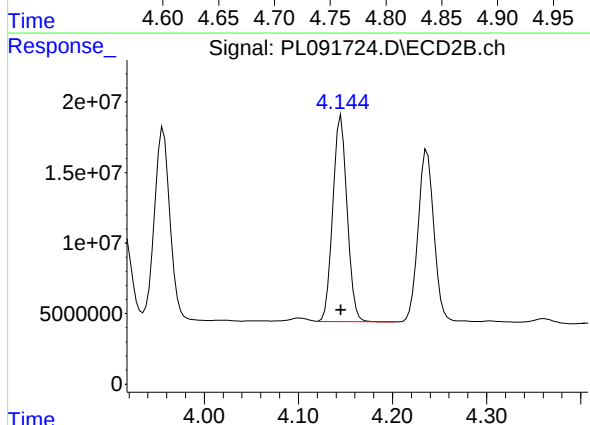
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 115904550
Conc: 60.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
FM1MSD

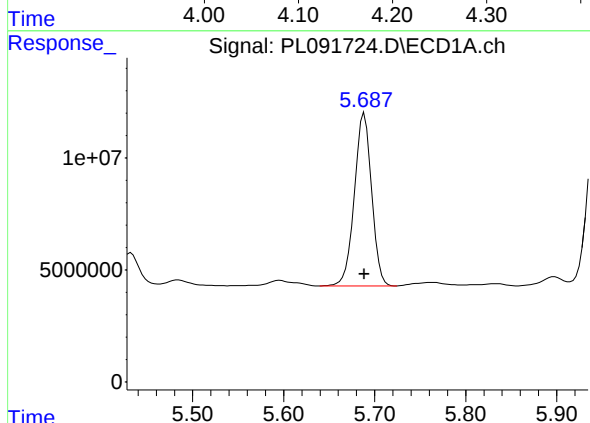
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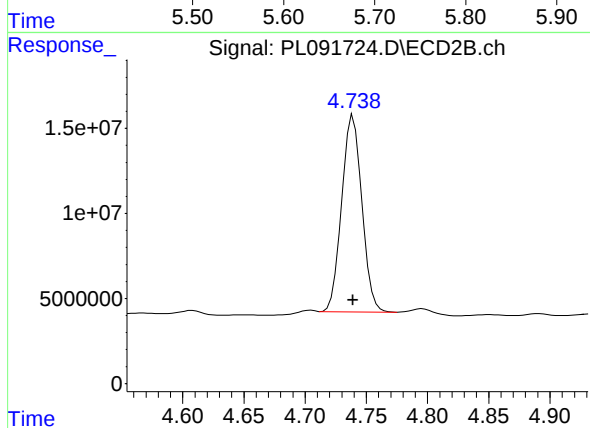
#7 delta-BHC

R.T.: 4.145 min
Delta R.T.: 0.000 min
Response: 154694015
Conc: 67.24 ng/ml



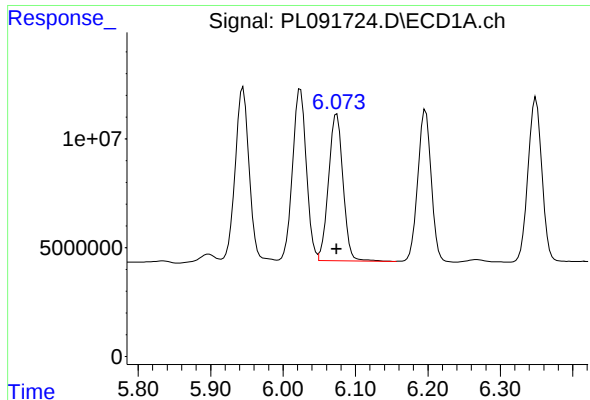
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 102288249
Conc: 61.30 ng/ml



#8 Heptachlor epoxide

R.T.: 4.738 min
Delta R.T.: -0.001 min
Response: 132657861
Conc: 62.94 ng/ml m



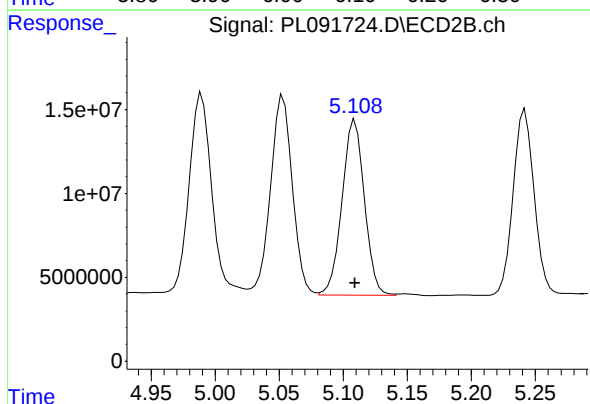
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 93666499
Conc: 60.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
FM1MSD

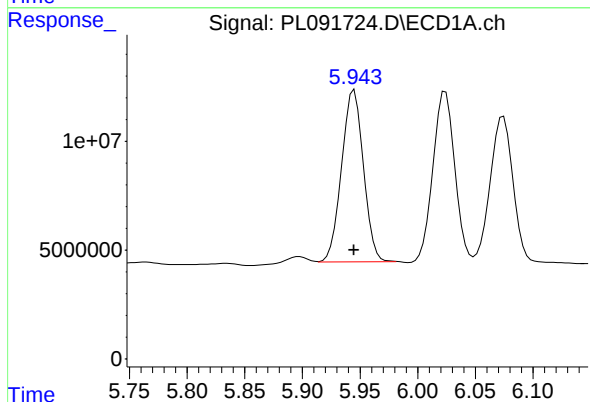
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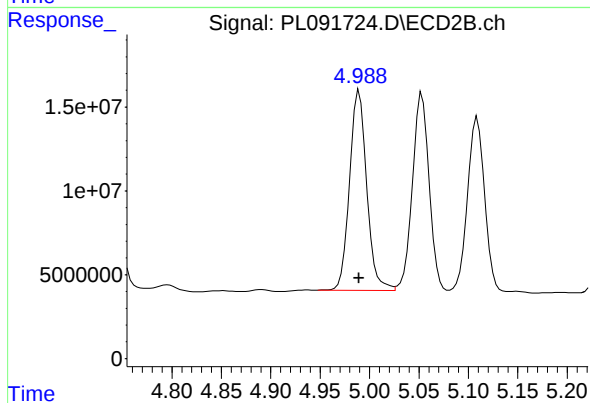
#9 Endosulfan I

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 127098493
Conc: 65.88 ng/ml



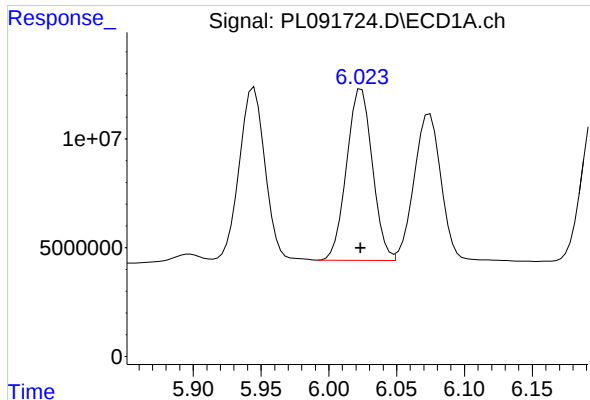
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: -0.001 min
Response: 103062223
Conc: 61.69 ng/ml m



#10 gamma-Chlordane

R.T.: 4.988 min
Delta R.T.: -0.001 min
Response: 144901537
Conc: 65.69 ng/ml m



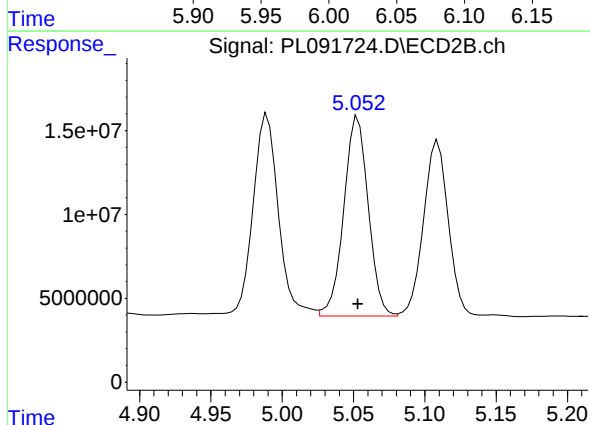
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 104380196
Conc: 64.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
FM1MSD

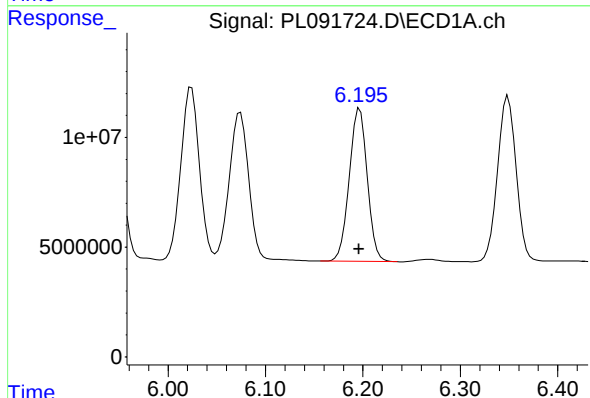
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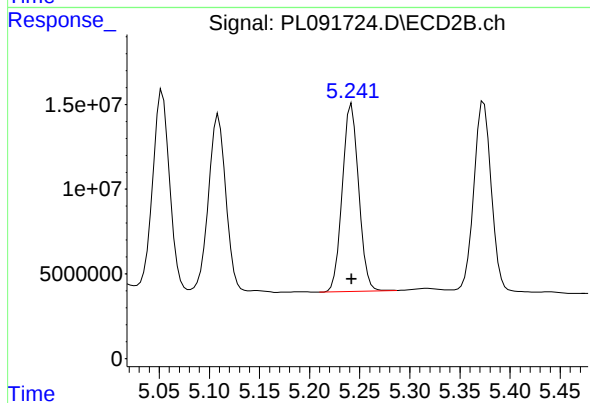
#11 alpha-Chlordane

R.T.: 5.053 min
Delta R.T.: 0.000 min
Response: 142035957
Conc: 68.65 ng/ml



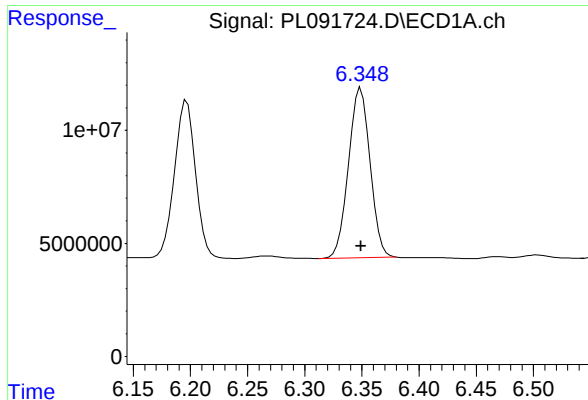
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 89436183
Conc: 61.31 ng/ml



#12 4,4'-DDE

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 125471518
Conc: 66.15 ng/ml



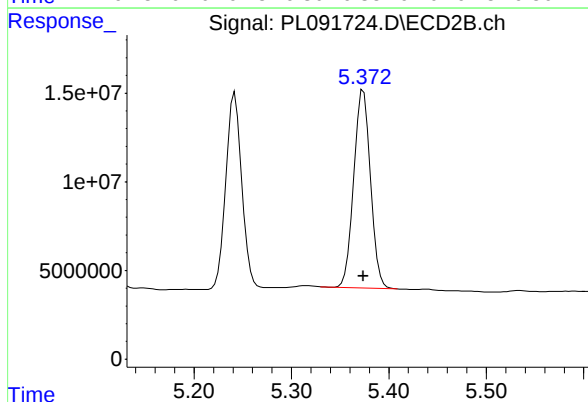
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 99259211
Conc: 60.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
FM1MSD

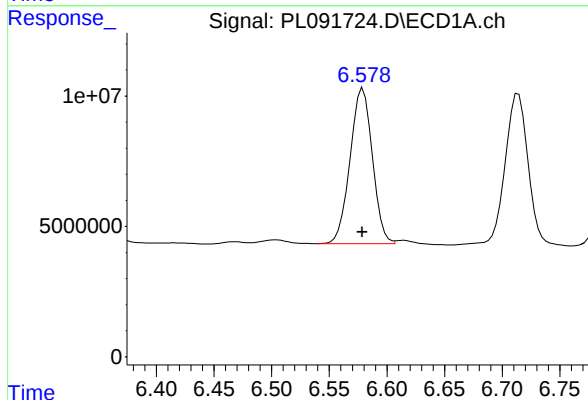
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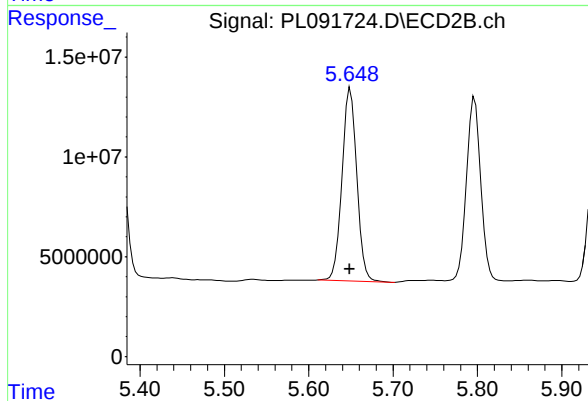
#13 Dieldrin

R.T.: 5.374 min
Delta R.T.: 0.000 min
Response: 133331048
Conc: 64.87 ng/ml



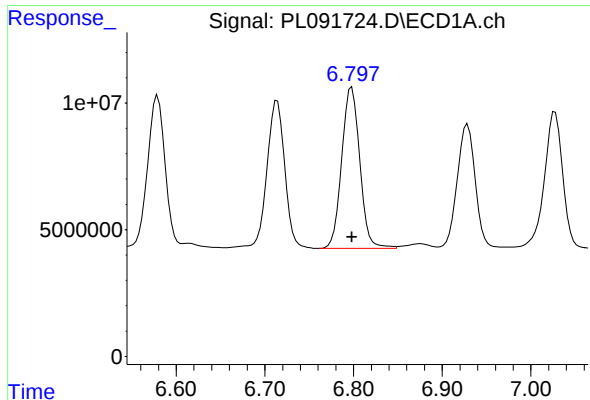
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 80223783
Conc: 60.33 ng/ml m



#14 Endrin

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 117805977
Conc: 62.42 ng/ml



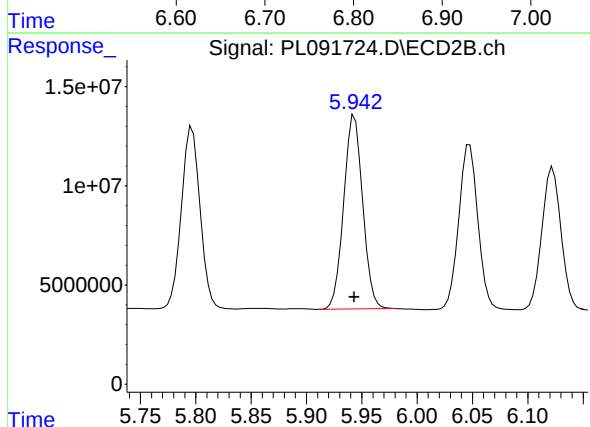
#15 Endosulfan II

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 90309526
Conc: 58.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
FM1MSD

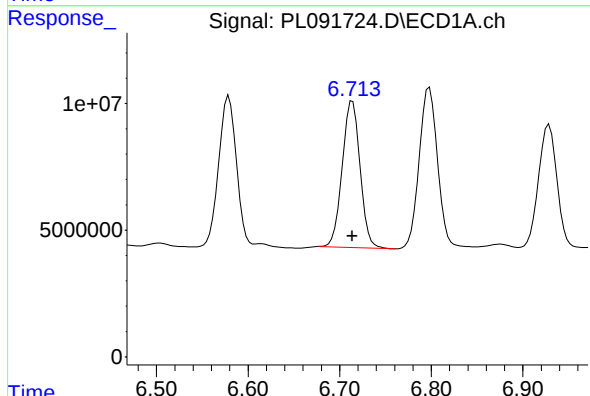
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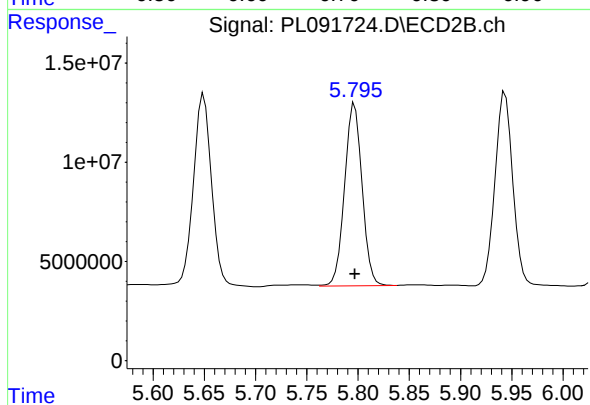
#15 Endosulfan II

R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 116768583
Conc: 66.01 ng/ml



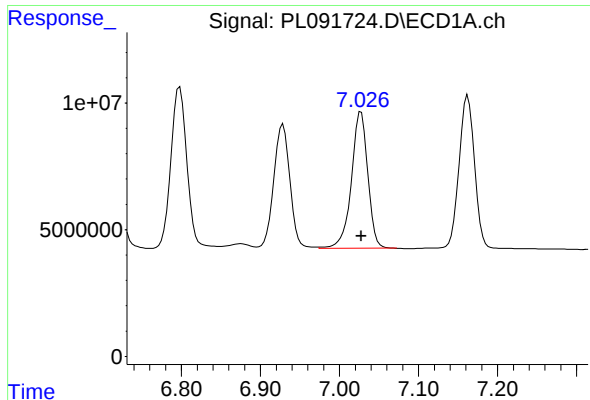
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 78784536
Conc: 62.16 ng/ml



#16 4,4'-DDD

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 108795048
Conc: 64.92 ng/ml



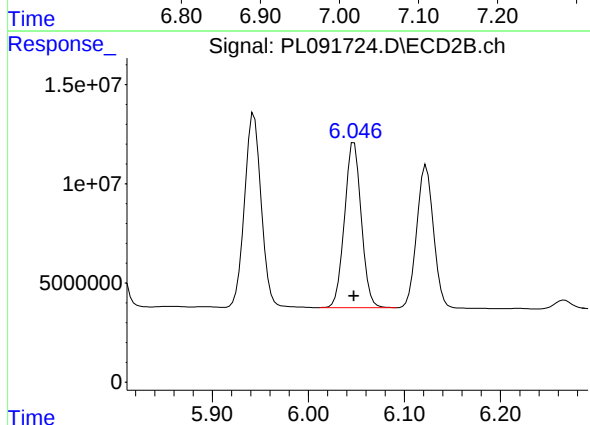
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.000 min
Response: 77425482
Conc: 59.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
FM1MSD

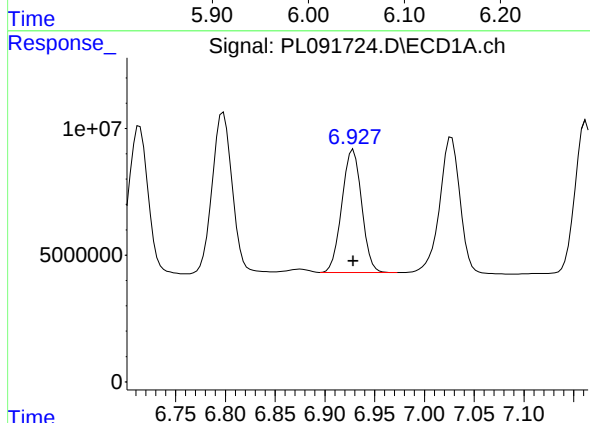
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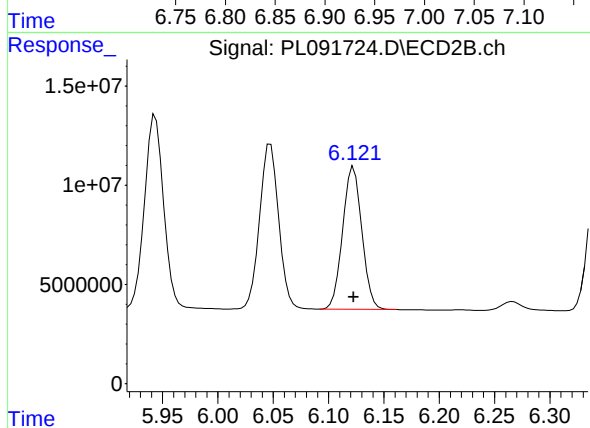
#17 4,4'-DDT

R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 100437880
Conc: 62.51 ng/ml



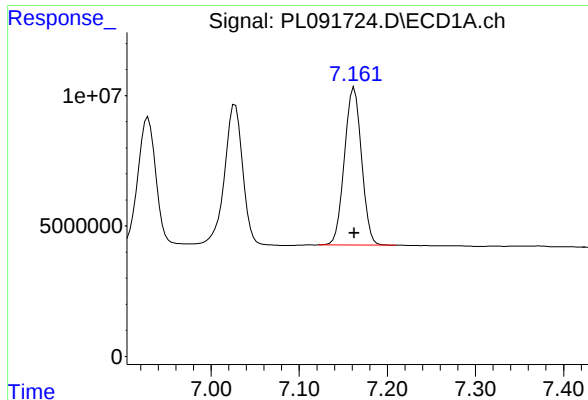
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: -0.001 min
Response: 67474916
Conc: 56.79 ng/ml m



#18 Endrin aldehyde

R.T.: 6.123 min
Delta R.T.: 0.000 min
Response: 87102143
Conc: 63.72 ng/ml



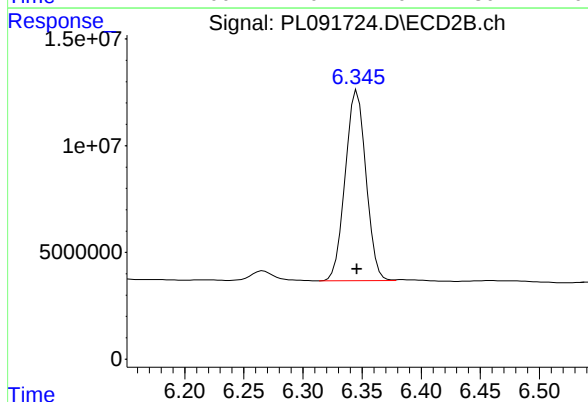
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: 0.000 min
Response: 81752294
Conc: 58.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
FM1MSD

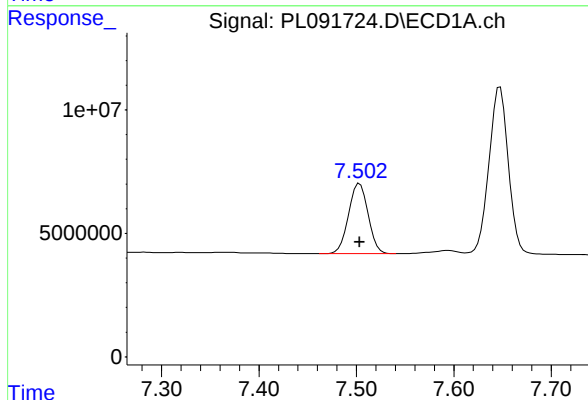
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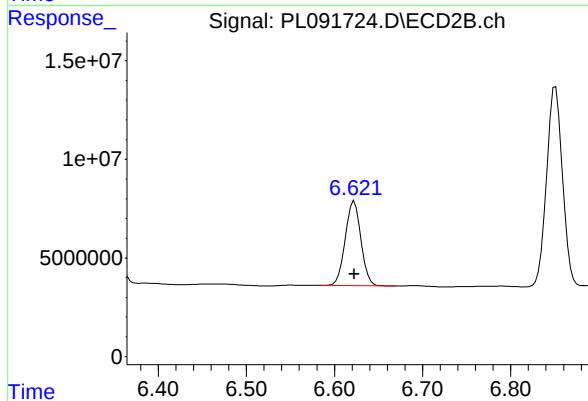
#19 Endosulfan Sulfate

R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 109051974
Conc: 63.55 ng/ml



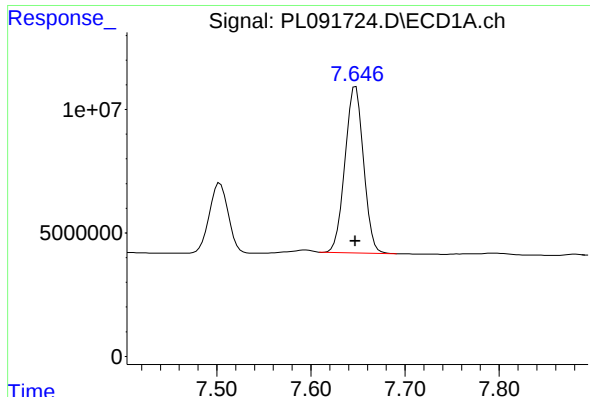
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 39663649
Conc: 58.63 ng/ml



#20 Methoxychlor

R.T.: 6.623 min
Delta R.T.: 0.000 min
Response: 52988834
Conc: 59.82 ng/ml



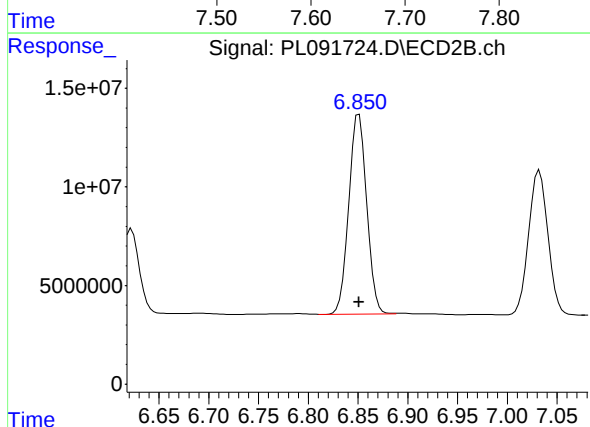
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 92086669
Conc: 59.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
FM1MSD

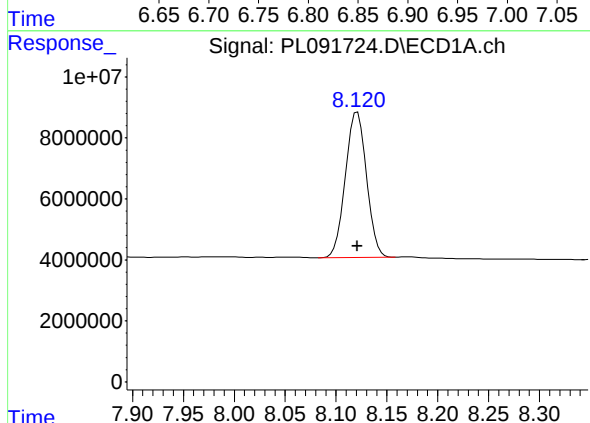
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/16/2024
Supervised By :Ankita Jodhani 09/16/2024



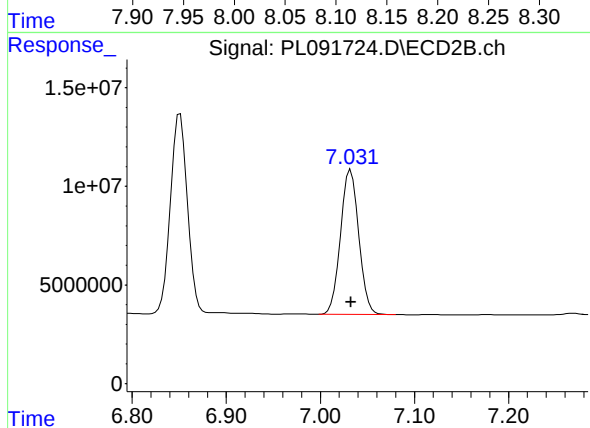
#21 Endrin ketone

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 127439854
Conc: 63.36 ng/ml



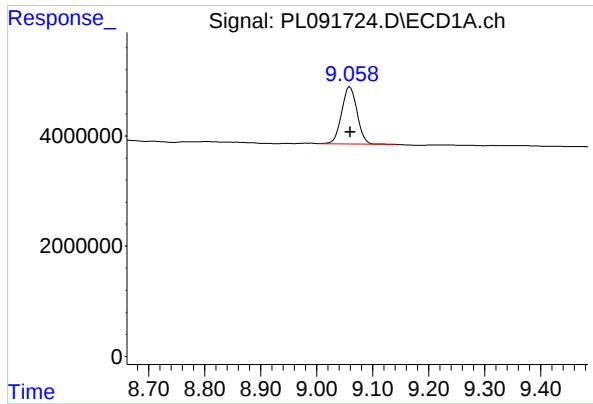
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.000 min
Response: 69090204
Conc: 57.70 ng/ml



#22 Mirex

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 98811461
Conc: 55.72 ng/ml



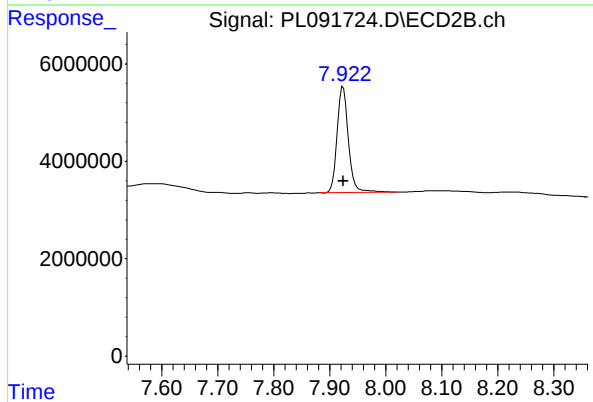
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.000 min
Response: 19782804
Conc: 16.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
FM1MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.924 min
Delta R.T.: 0.000 min
Response: 30641693
Conc: 16.59 ng/ml