

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103125\
 Data File : PD090933.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2025 16:01
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/03/2025
 Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 01:54:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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 x 0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.545	2.874	134.2E6	1420.1E6	43.079	47.690
28) SA Decachlor...	9.070	8.062	200.5E6	1698.4E6	42.866	56.069 #
Target Compounds						
2) A alpha-BHC	3.995	3.386	321.6E6	2495.0E6	44.814	48.830
3) MA gamma-BHC...	4.326	3.723	301.0E6	2306.7E6	44.277	48.821
4) MA Heptachlor	4.924	4.075	305.2E6	2303.9E6	54.597	51.653
5) MB Aldrin	5.265	4.360	290.4E6	2278.3E6	44.355	49.188
6) B beta-BHC	4.513	4.019	113.5E6	956.0E6	43.332	48.209
7) B delta-BHC	4.761	4.255	297.3E6	2326.3E6	43.970	48.753
8) B Heptachlo...	5.686	4.864	259.2E6	2047.5E6	44.776	48.020
9) A Endosulfan I	6.070	5.238	244.6E6	1890.1E6	44.178	47.984
10) B gamma-Chl...	5.942	5.117	260.6E6	2213.1E6	43.939	49.237
11) B alpha-Chl...	6.022	5.181	263.6E6	2121.0E6	42.645	49.168
12) B 4,4'-DDE	6.192	5.366	232.7E6	2176.7E6	43.682	49.653
13) MA Dieldrin	6.343	5.505	262.4E6	2209.1E6	45.001	49.997
14) MA Endrin	6.570	5.781	225.6E6	2084.6E6	45.548	51.479
15) B Endosulfa...	6.783	6.072	224.6E6	1913.8E6	44.920	50.959
16) A 4,4'-DDD	6.702	5.921	188.6E6	1824.6E6	46.531	50.074
17) MA 4,4'-DDT	7.018	6.174	206.4E6	1964.8E6	50.219	56.019
18) B Endrin al...	6.912	6.251	168.5E6	1434.2E6	46.008	51.788
19) B Endosulfa...	7.147	6.474	207.3E6	1841.4E6	44.703	51.370
20) A Methoxychlor	7.491	6.745	107.8E6	983.5E6	50.724	56.430
21) B Endrin ke...	7.628	6.983	222.7E6	2132.0E6	45.828	56.525m
22) Mirex	8.111	7.176	146.7E6	1394.8E6	45.816	54.293

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103125\
Data File : PD090933.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 16:01
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

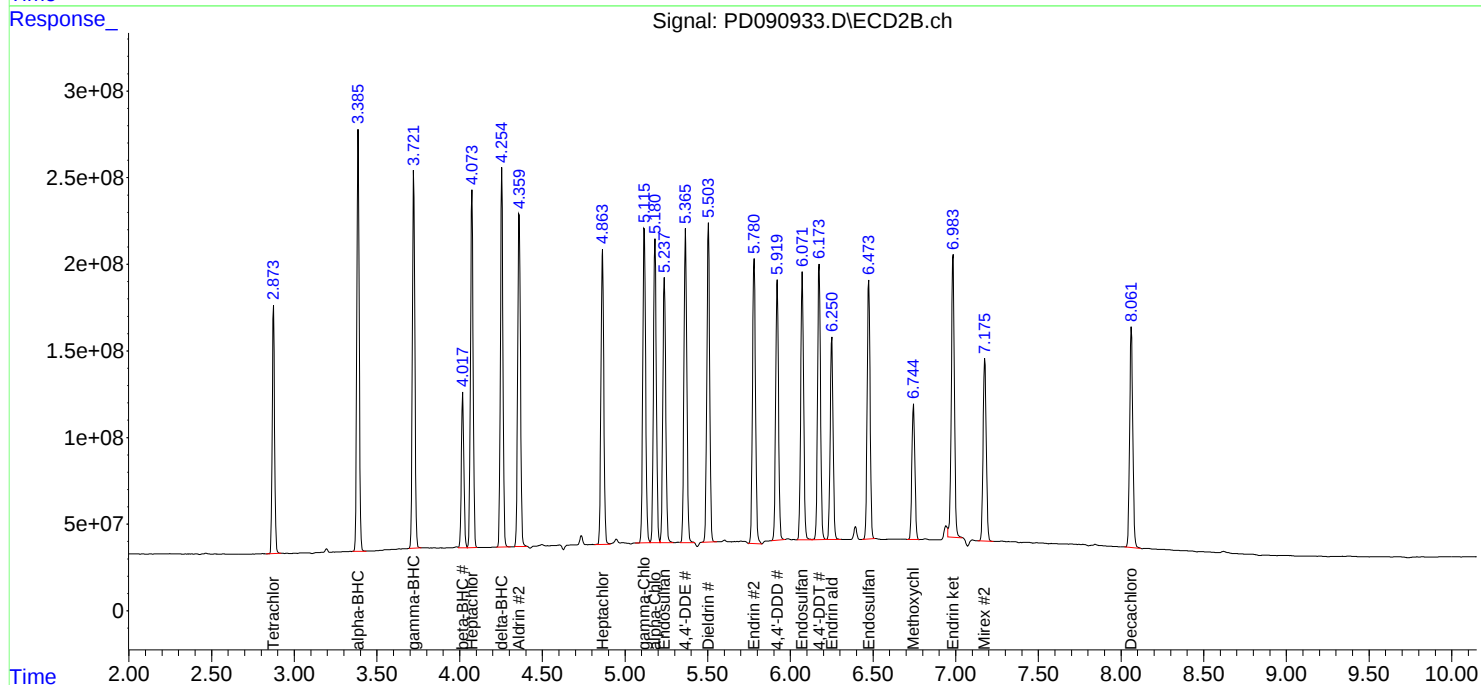
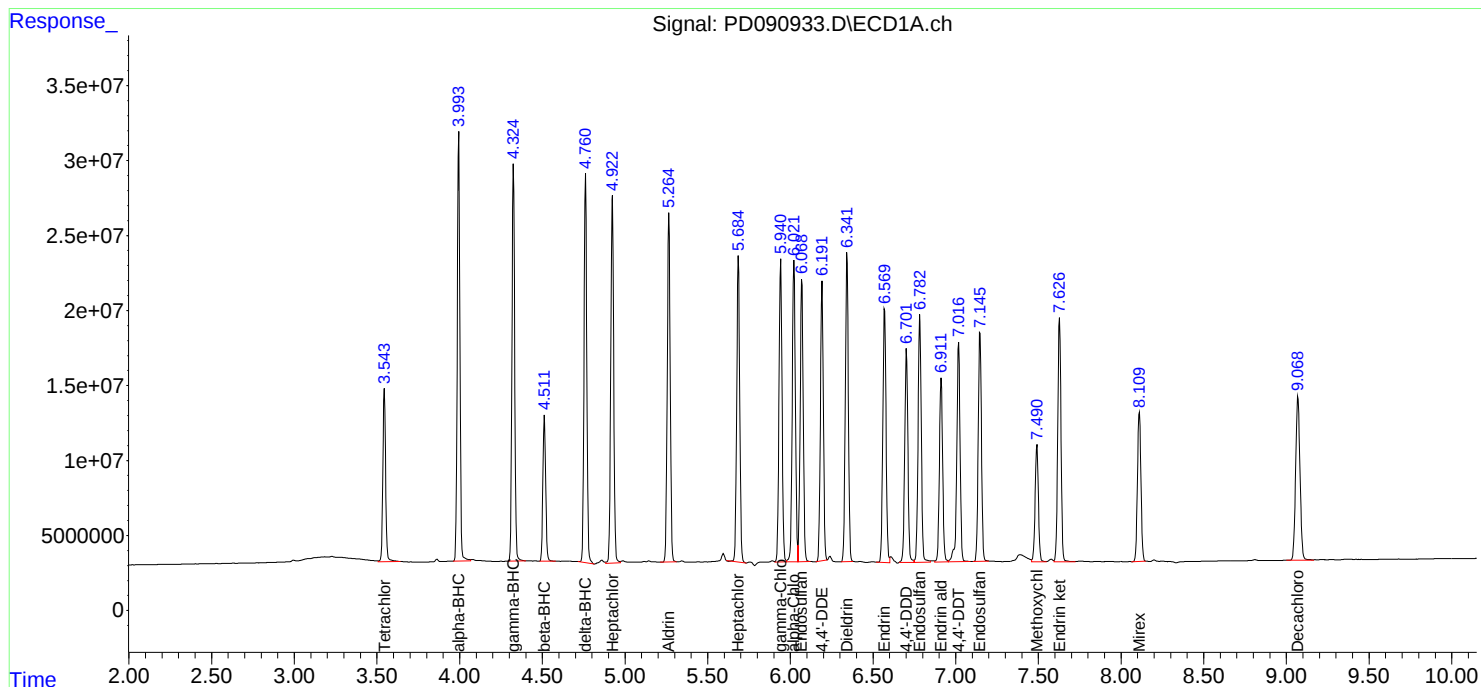
APPROVED

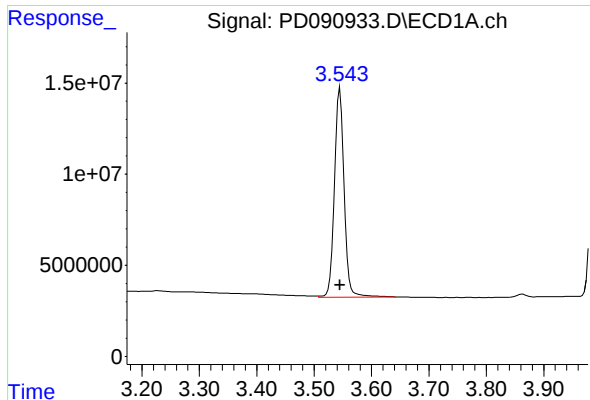
Reviewed By :Rahul Chavli 11/03/2025

Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:54:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 134155974
Conc: 43.08 ng/ml

Instrument :

ECD_D

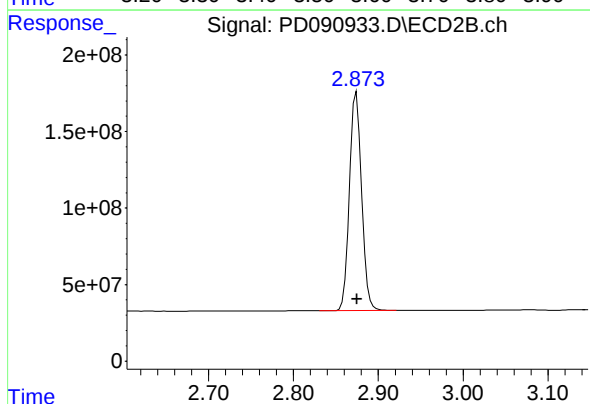
ClientSampleId :

PSTDCCC050

Manual Integrations

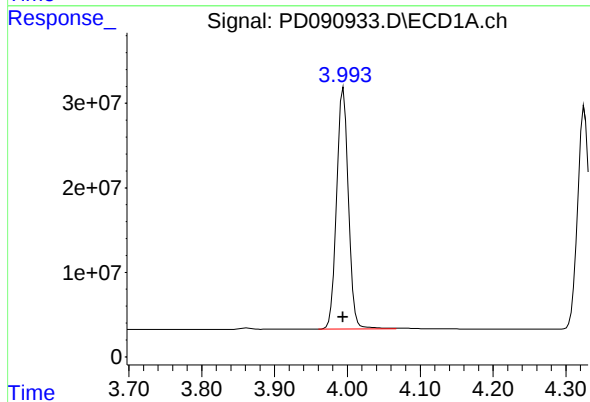
APPROVED

Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025



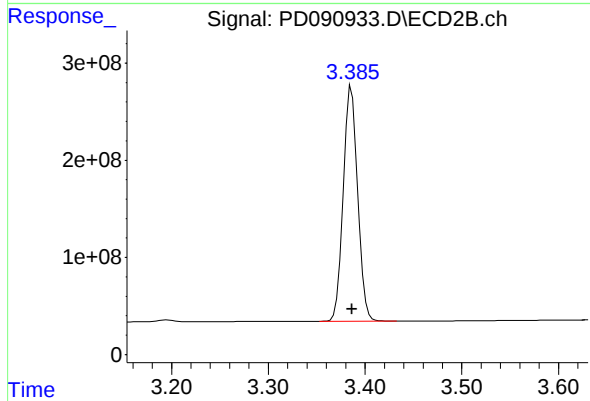
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 1420074039
Conc: 47.69 ng/ml



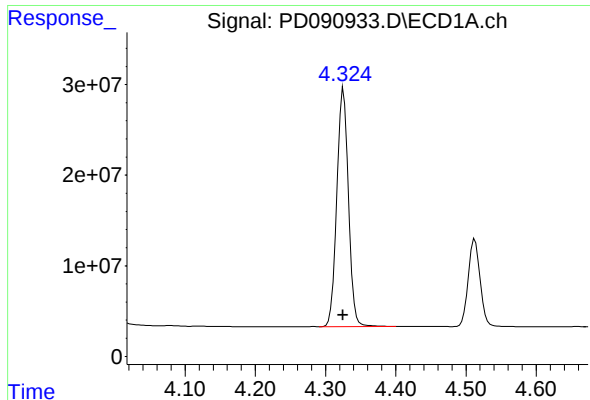
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 321633531
Conc: 44.81 ng/ml



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 2494982044
Conc: 48.83 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 301031861
Conc: 44.28 ng/ml

Instrument :

ECD_D

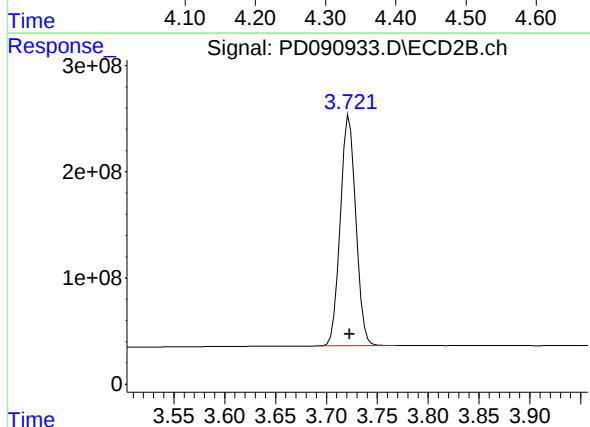
ClientSampleId :

PSTDCCC050

Manual Integrations

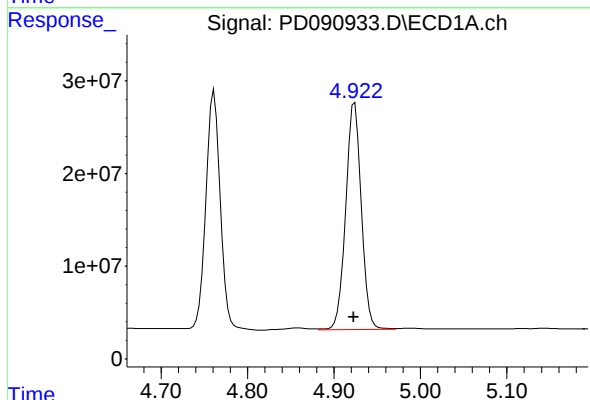
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Supervised By :Yogesh Patel 11/03/2025



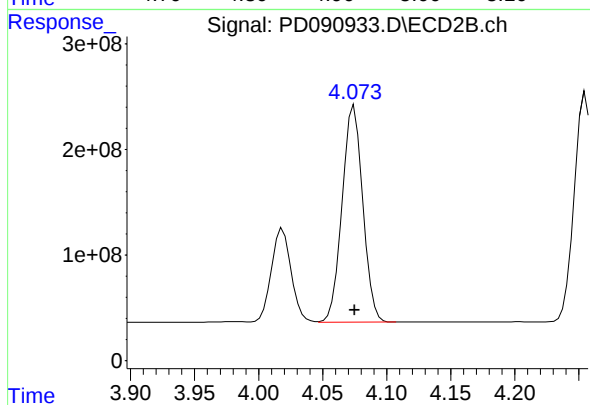
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 2306713088
Conc: 48.82 ng/ml



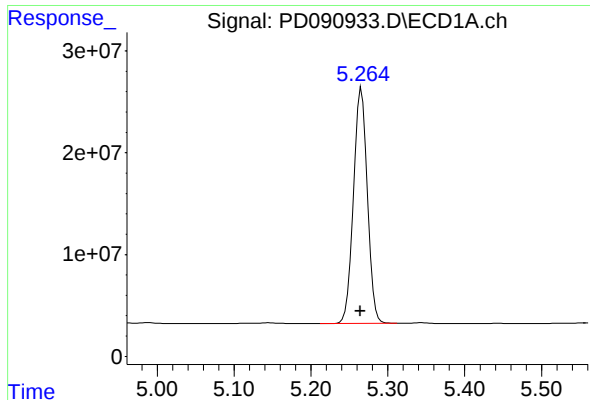
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: 0.001 min
Response: 305171875
Conc: 54.60 ng/ml



#4 Heptachlor

R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 2303855148
Conc: 51.65 ng/ml



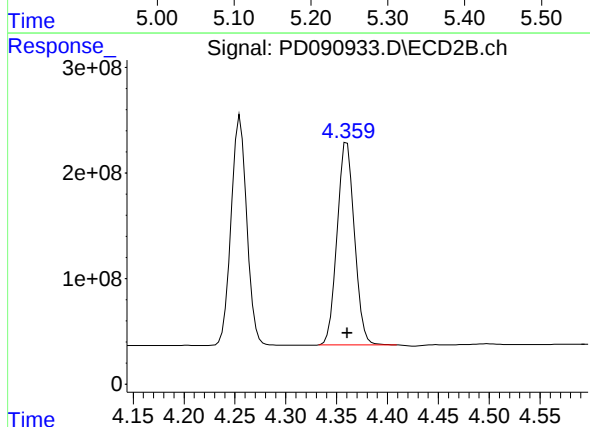
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: 0.001 min
Response: 290403052
Conc: 44.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

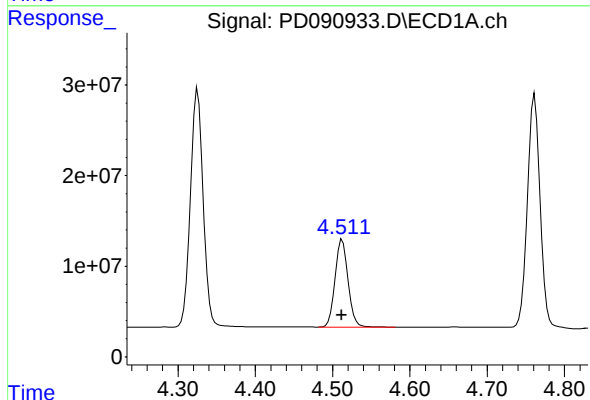
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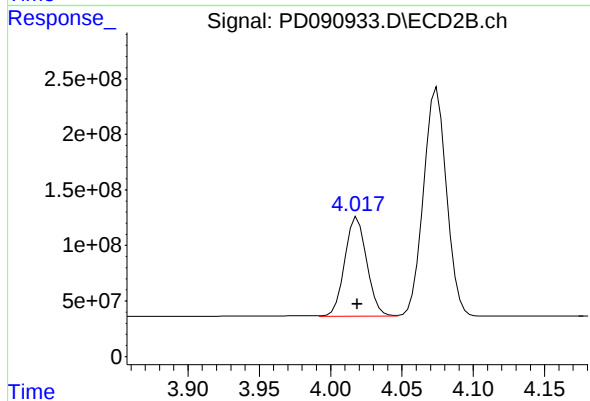
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 2278322711
Conc: 49.19 ng/ml



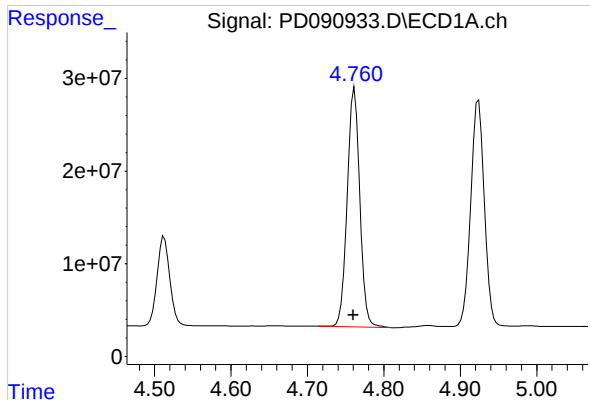
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 113514130
Conc: 43.33 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 955970431
Conc: 48.21 ng/ml



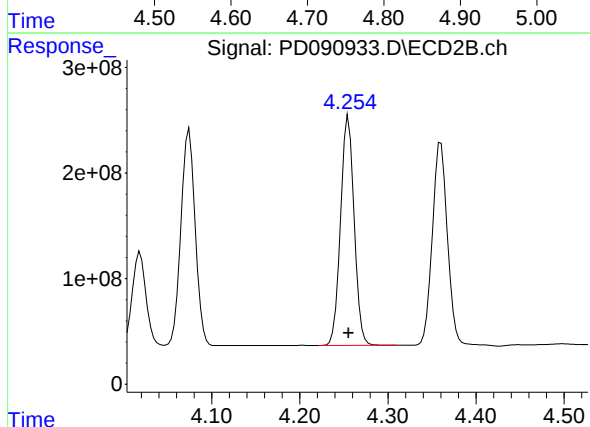
#7 delta-BHC

R.T.: 4.761 min
Delta R.T.: 0.001 min
Response: 297310340
Conc: 43.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

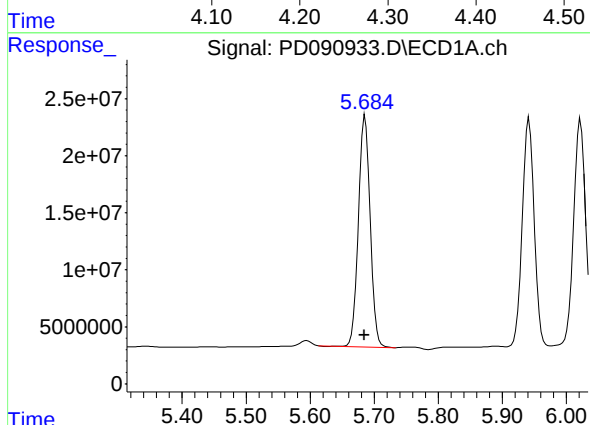
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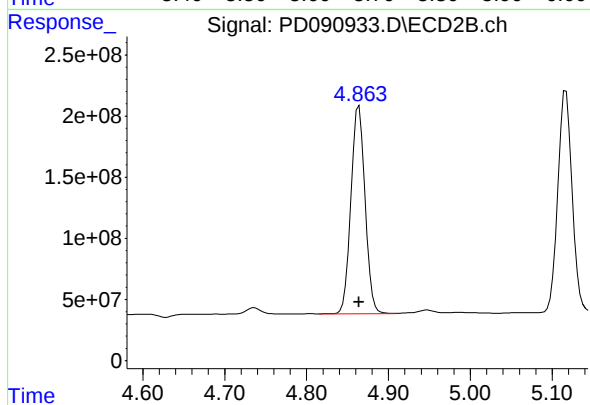
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 2326313136
Conc: 48.75 ng/ml



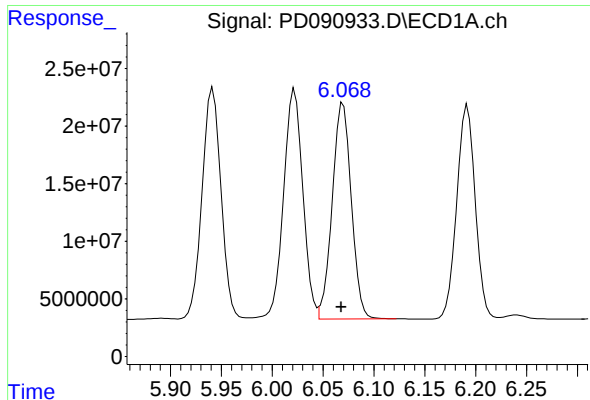
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: 0.001 min
Response: 259208571
Conc: 44.78 ng/ml



#8 Heptachlor epoxide

R.T.: 4.864 min
Delta R.T.: 0.000 min
Response: 2047525213
Conc: 48.02 ng/ml



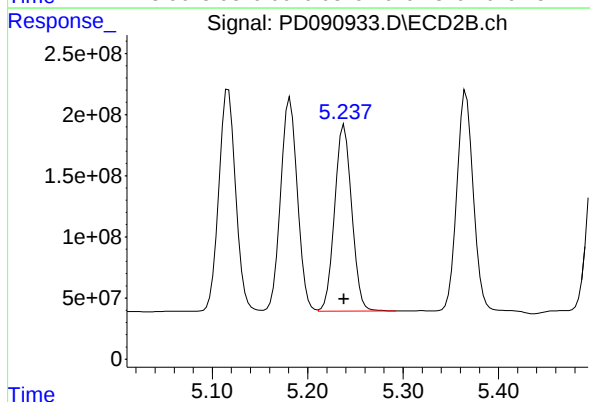
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.002 min
Response: 244599768
Conc: 44.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

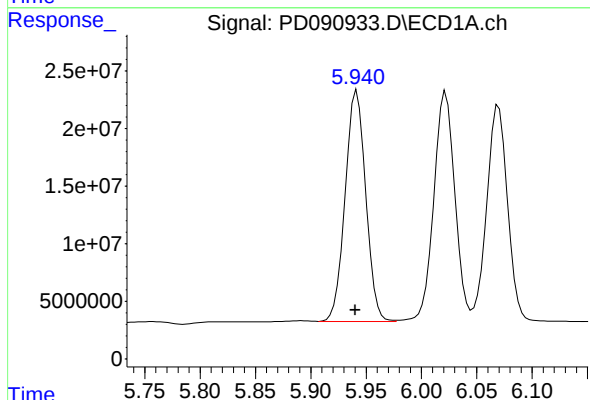
Manual Integrations
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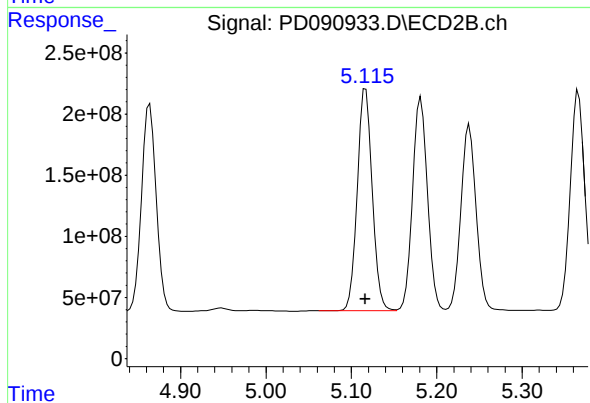
#9 Endosulfan I

R.T.: 5.238 min
Delta R.T.: 0.000 min
Response: 1890088670
Conc: 47.98 ng/ml



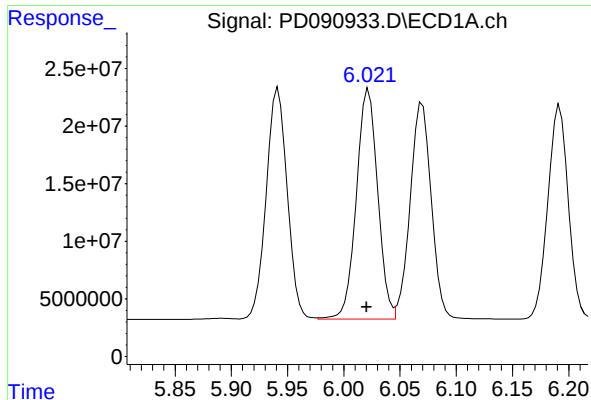
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.001 min
Response: 260610974
Conc: 43.94 ng/ml



#10 gamma-Chlordane

R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 2213149425
Conc: 49.24 ng/ml



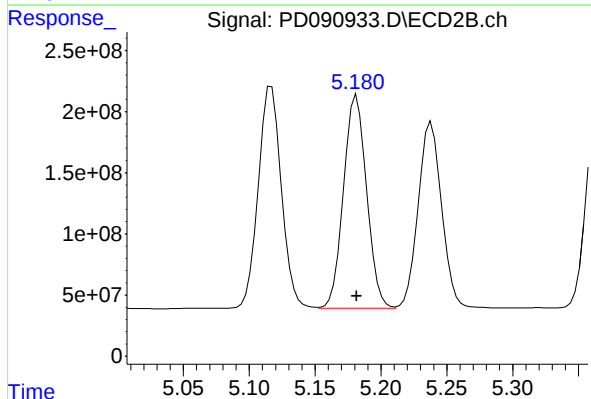
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: 0.002 min
Response: 263557758
Conc: 42.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

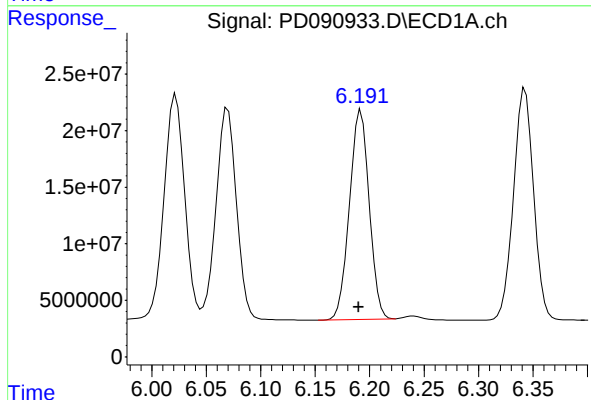
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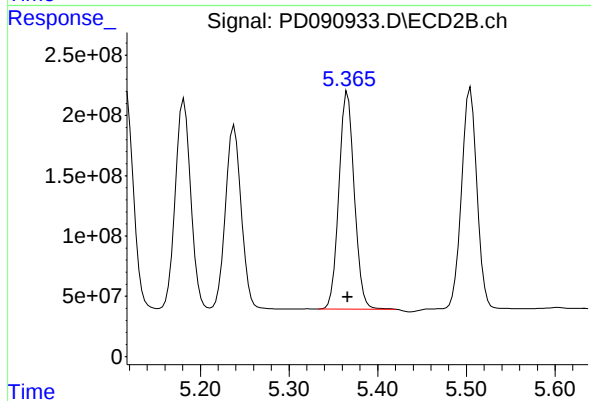
#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 2120994183
Conc: 49.17 ng/ml



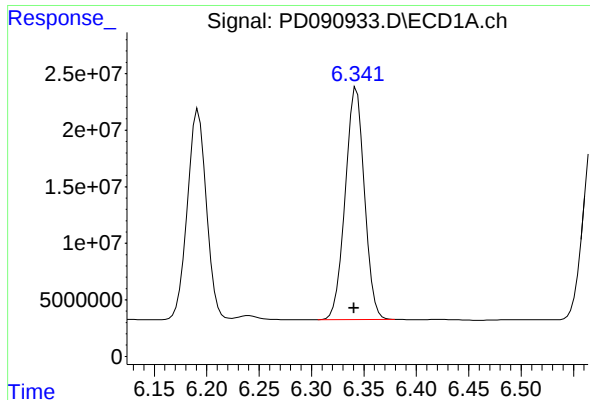
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.002 min
Response: 232678384
Conc: 43.68 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 2176708867
Conc: 49.65 ng/ml



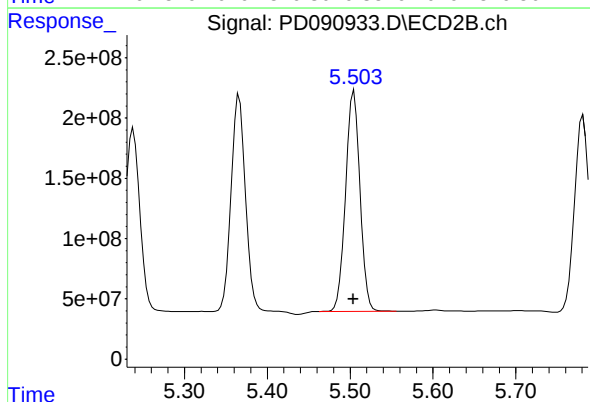
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.002 min
Response: 262414082
Conc: 45.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

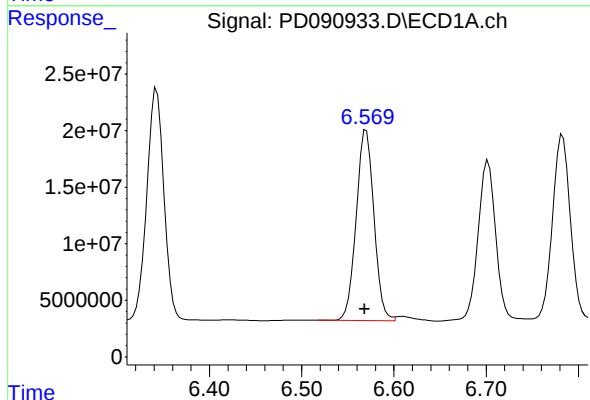
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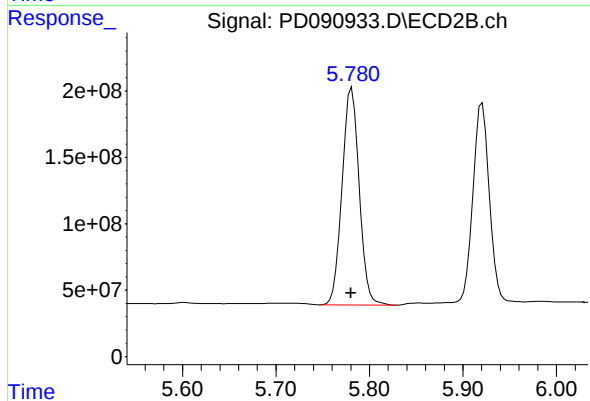
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 2209075349
Conc: 50.00 ng/ml



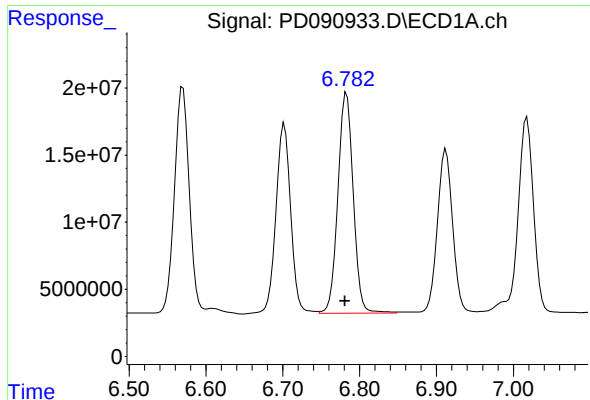
#14 Endrin

R.T.: 6.570 min
Delta R.T.: 0.002 min
Response: 225630159
Conc: 45.55 ng/ml



#14 Endrin

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 2084606576
Conc: 51.48 ng/ml



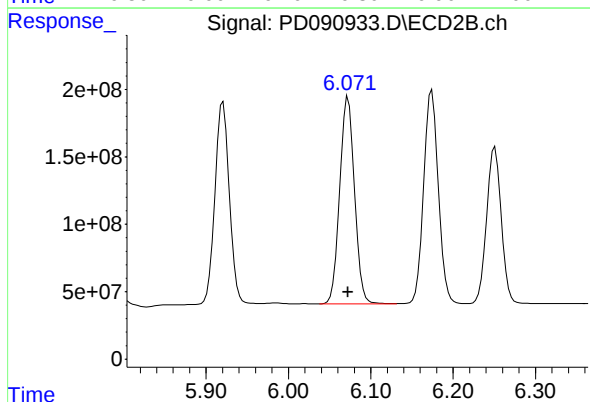
#15 Endosulfan II

R.T.: 6.783 min
Delta R.T.: 0.002 min
Response: 224598667
Conc: 44.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

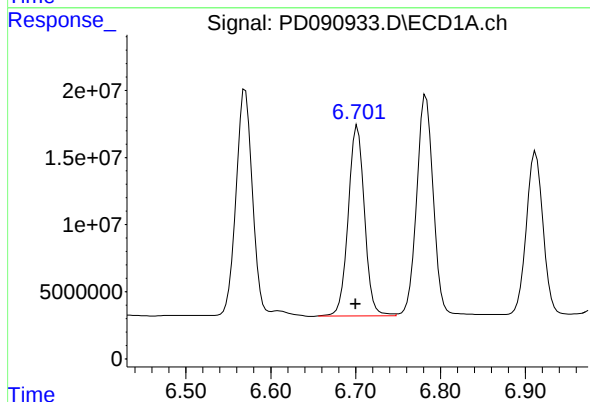
Manual Integrations
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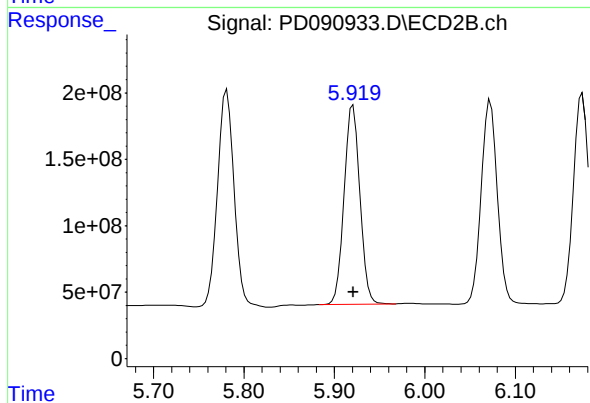
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 1913783450
Conc: 50.96 ng/ml



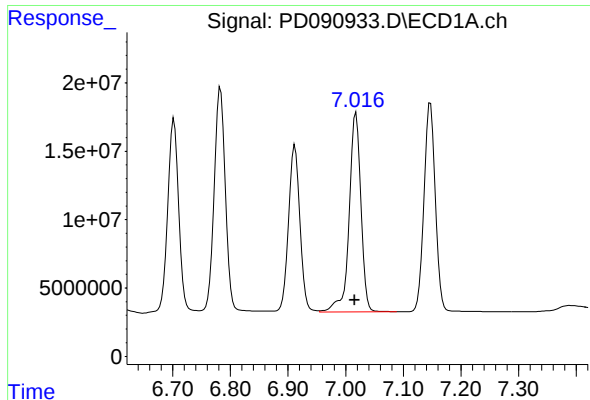
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: 0.002 min
Response: 188646662
Conc: 46.53 ng/ml



#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 1824606574
Conc: 50.07 ng/ml



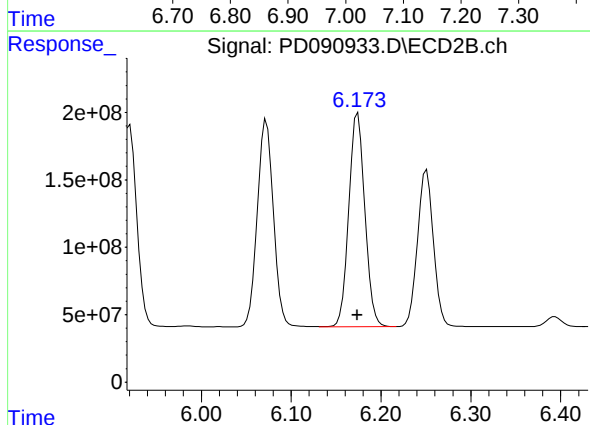
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: 0.002 min
Response: 206422971
Conc: 50.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

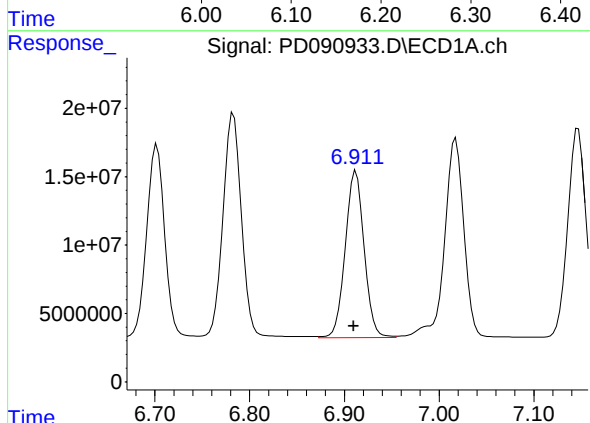
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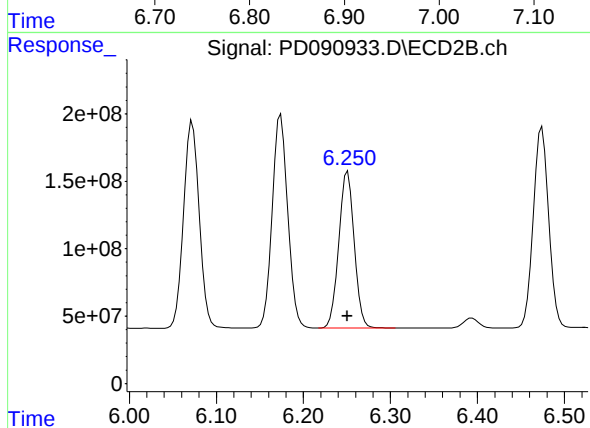
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 1964766257
Conc: 56.02 ng/ml



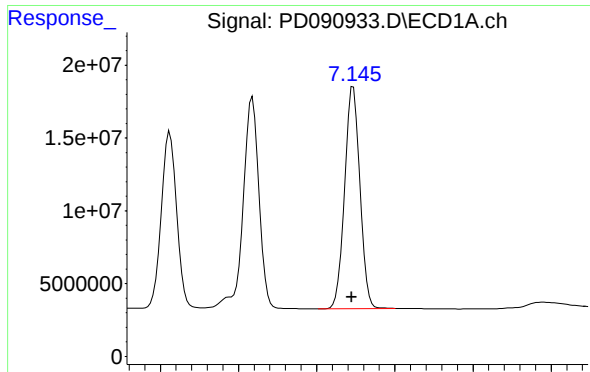
#18 Endrin aldehyde

R.T.: 6.912 min
Delta R.T.: 0.002 min
Response: 168513232
Conc: 46.01 ng/ml



#18 Endrin aldehyde

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 1434163362
Conc: 51.79 ng/ml



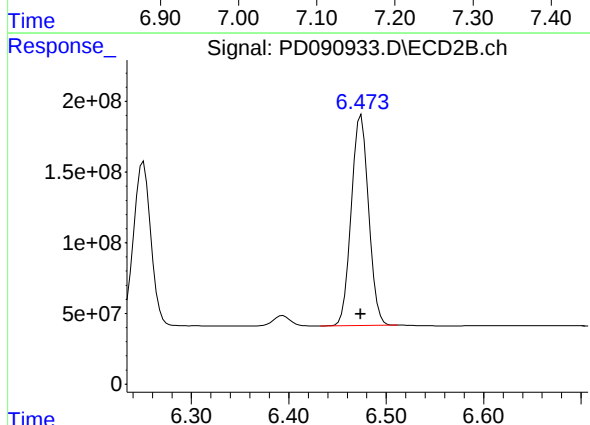
#19 Endosulfan Sulfate

R.T.: 7.147 min
Delta R.T.: 0.002 min
Response: 207339120
Conc: 44.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

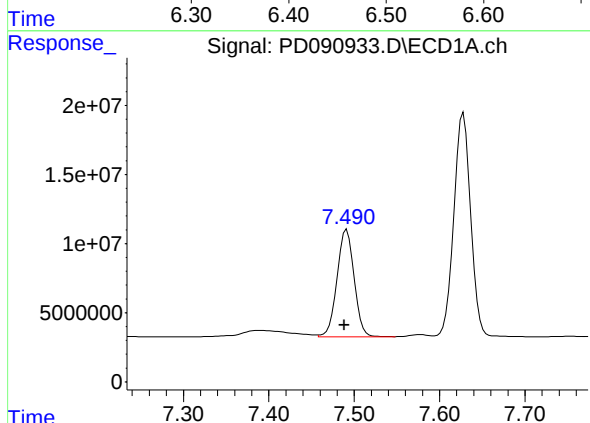
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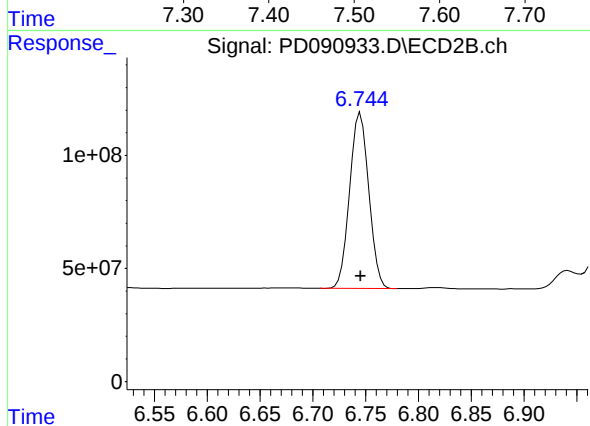
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 1841353976
Conc: 51.37 ng/ml



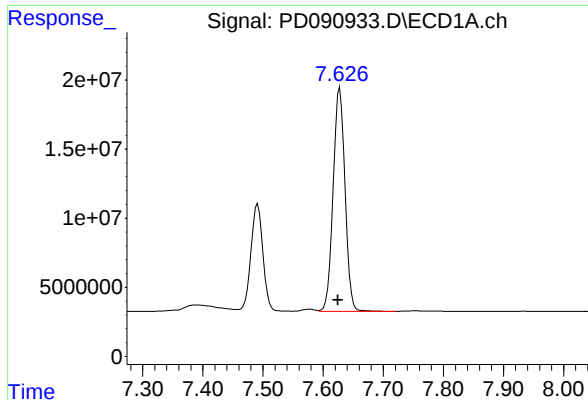
#20 Methoxychlor

R.T.: 7.491 min
Delta R.T.: 0.003 min
Response: 107818580
Conc: 50.72 ng/ml



#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 983452857
Conc: 56.43 ng/ml



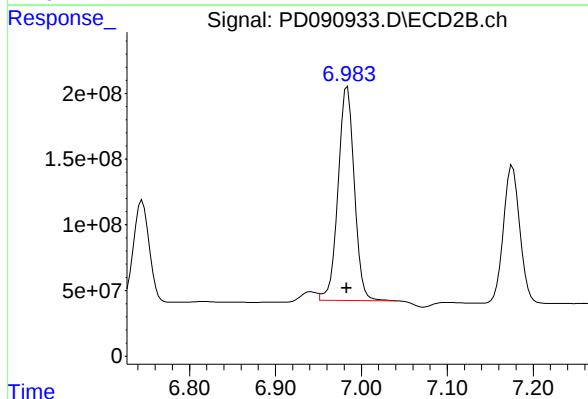
#21 Endrin ketone

R.T.: 7.628 min
Delta R.T.: 0.003 min
Response: 222671145
Conc: 45.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

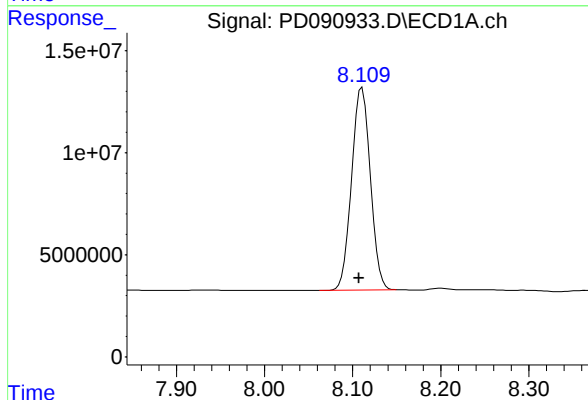
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025



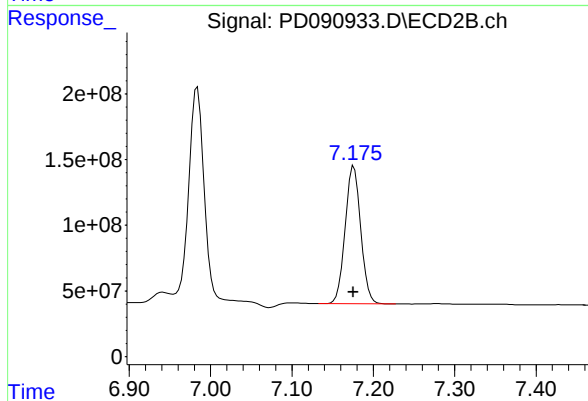
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 2132008149
Conc: 56.53 ng/ml m



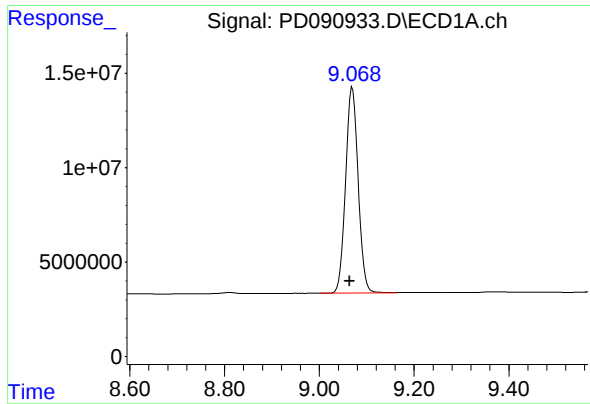
#22 Mirex

R.T.: 8.111 min
Delta R.T.: 0.003 min
Response: 146651675
Conc: 45.82 ng/ml



#22 Mirex

R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 1394831097
Conc: 54.29 ng/ml



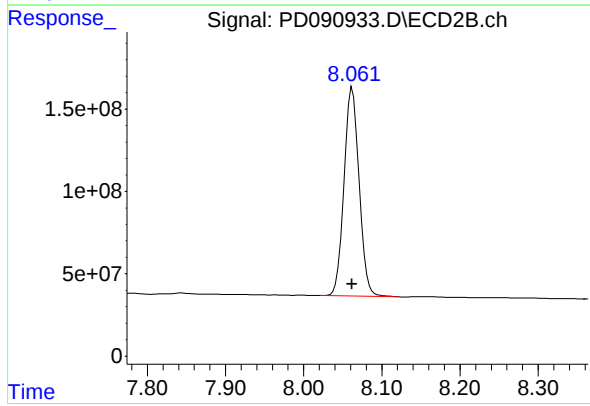
#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.005 min
Response: 200527203
Conc: 42.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Yogesh Patel 11/03/2025



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 1698413134
Conc: 56.07 ng/ml