

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061125\
 Data File : PD088914.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 12:57
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 06/12/2025

Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 07:39:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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...	3.549	2.879	121.7E6	726.0E6	56.223	47.996
28) SA Decachlor...	9.072	8.072	165.7E6	844.4E6	48.429	46.254
Target Compounds						
2) A alpha-BHC	3.998	3.392	253.8E6	1148.7E6	53.129	48.053
3) MA gamma-BHC...	4.329	3.728	241.0E6	1065.5E6	52.359	48.068
4) MA Heptachlor	4.929	4.082	227.2E6	1031.2E6	50.815	45.924
5) MB Aldrin	5.270	4.367	230.1E6	1048.4E6	52.360	47.809m
6) B beta-BHC	4.515	4.024	94076778	458.5E6	52.173	47.065
7) B delta-BHC	4.763	4.261	235.3E6	1074.2E6	55.668	48.183
8) B Heptachlo...	5.690	4.871	204.1E6	943.5E6	51.414	47.480
9) A Endosulfan I	6.074	5.246	193.0E6	829.3E6	51.292	43.699
10) B gamma-Chl...	5.945	5.125	207.6E6	1015.5E6	52.036	47.606
11) B alpha-Chl...	6.026	5.190	207.2E6	972.9E6	51.720	47.169
12) B 4,4'-DDE	6.195	5.373	185.3E6	988.8E6	51.615	47.303m
13) MA Dieldrin	6.346	5.512	205.2E6	997.0E6	51.146	47.377
14) MA Endrin	6.574	5.788	173.1E6	902.3E6	50.686	46.792
15) B Endosulfa...	6.785	6.079	173.5E6	873.5E6	50.387	47.676
16) A 4,4'-DDD	6.704	5.929	149.6E6	843.9E6	53.731	48.520
17) MA 4,4'-DDT	7.020	6.183	151.4E6	833.1E6	48.500	45.932
18) B Endrin al...	6.914	6.258	127.7E6	645.2E6	49.595	46.321
19) B Endosulfa...	7.148	6.481	160.9E6	838.8E6	50.225	47.240
20) A Methoxychlor	7.492	6.754	78624657	434.8E6	47.065	45.409
21) B Endrin ke...	7.629	6.990	173.2E6	936.6E6	50.605	48.411
22) Mirex	8.113	7.185	126.4E6	710.9E6	48.642	46.765

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061125\
Data File : PD088914.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 12:57
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

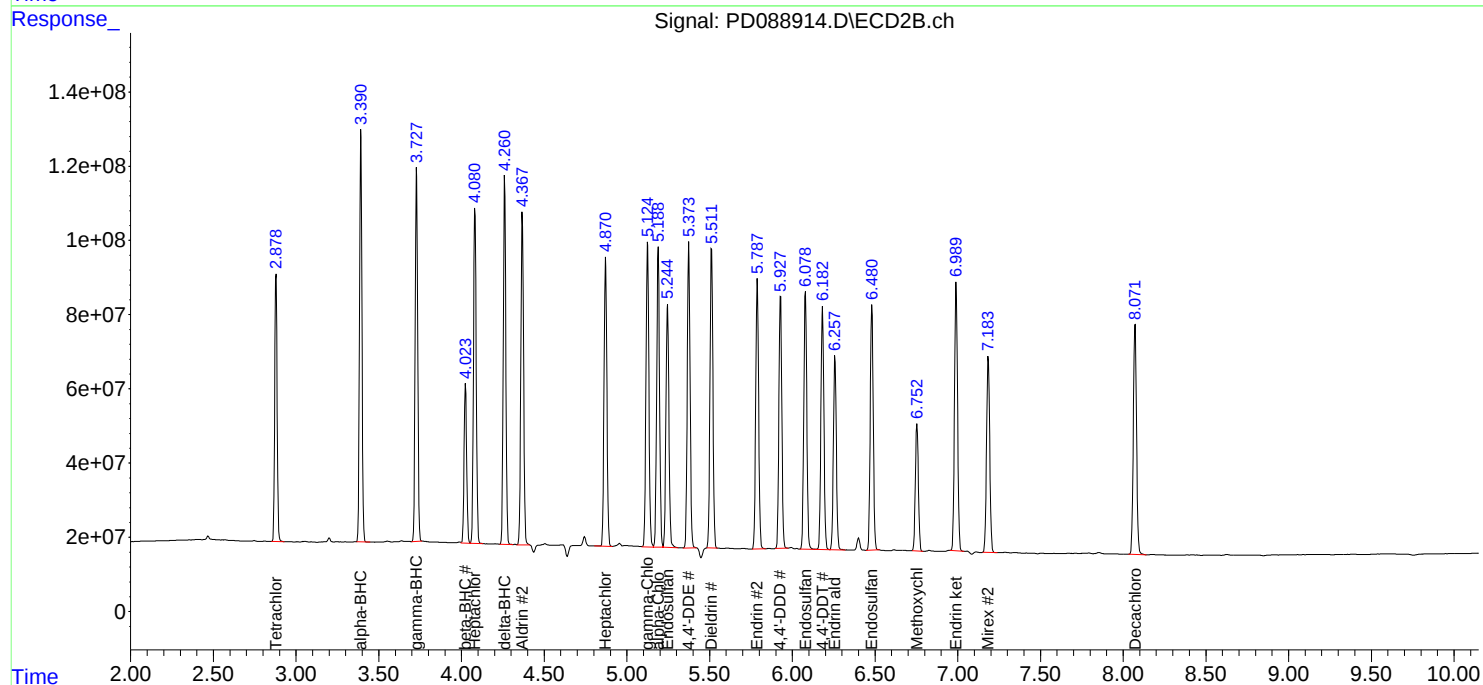
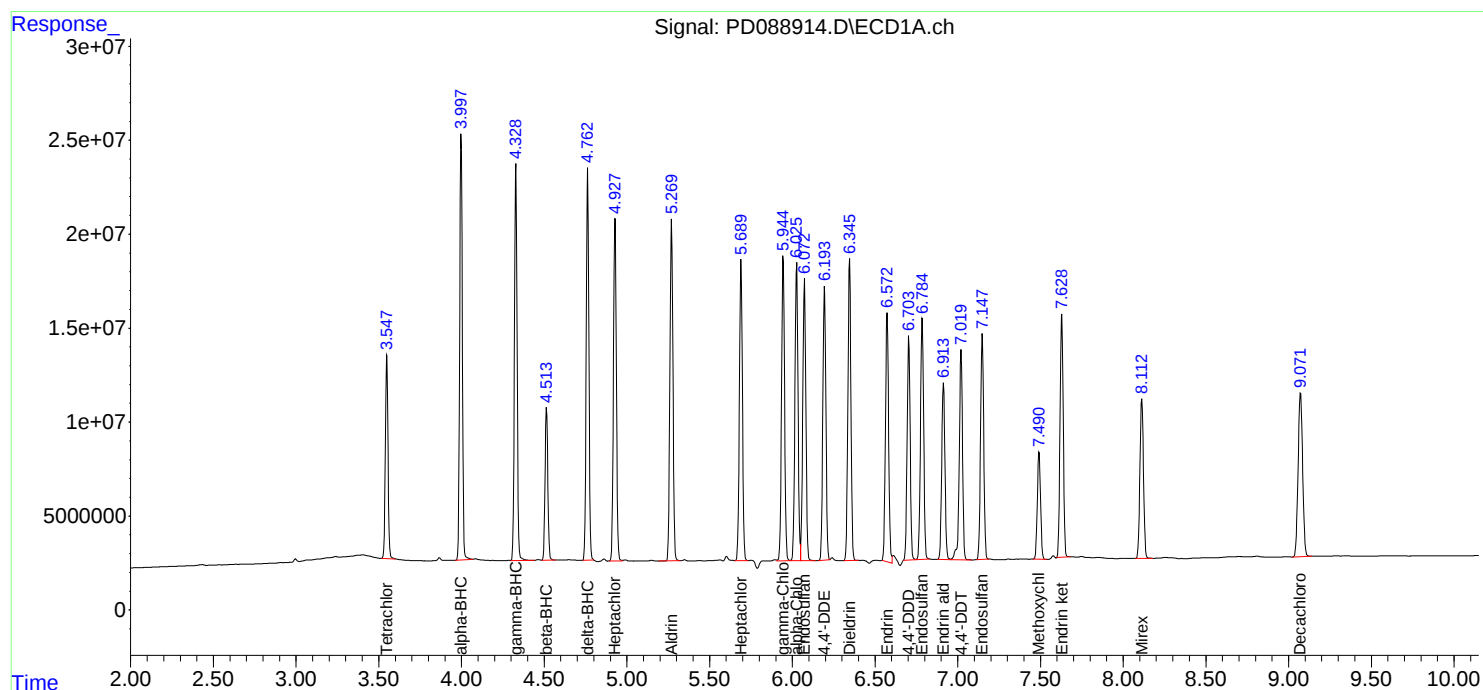
APPROVED

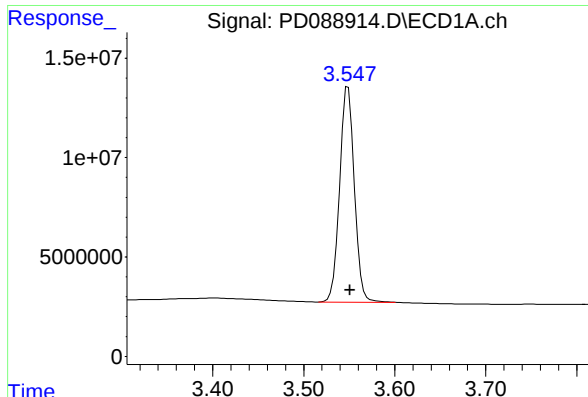
Reviewed By :Abdul Mirza 06/12/2025

Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 07:39:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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





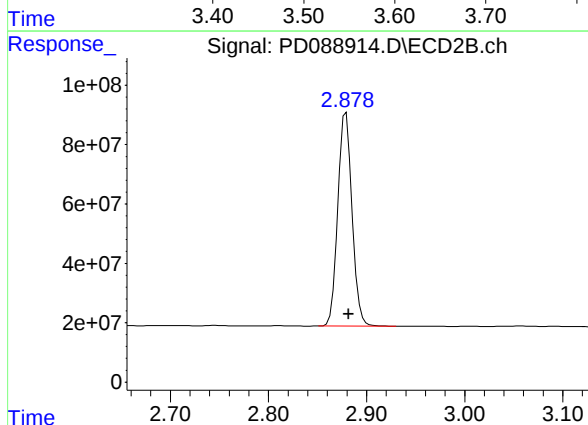
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: -0.002 min
Response: 121653433
Conc: 56.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

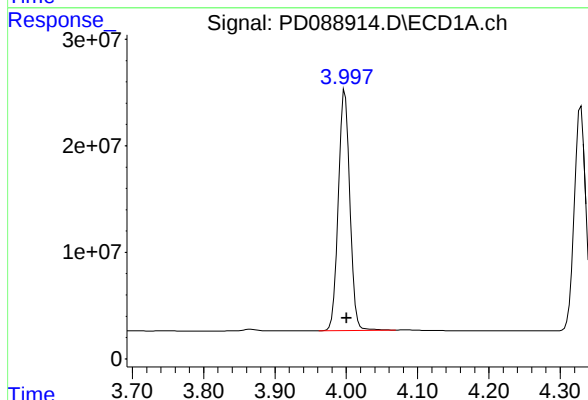
Manual Integrations
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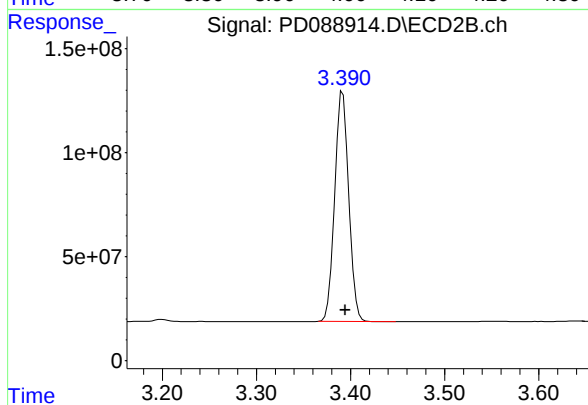
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.003 min
Response: 726030897
Conc: 48.00 ng/ml



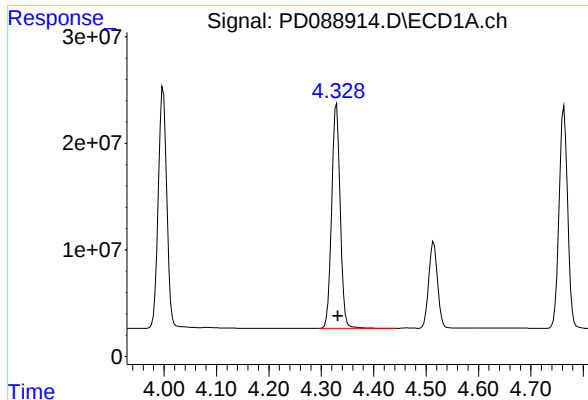
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: -0.002 min
Response: 253772256
Conc: 53.13 ng/ml



#2 alpha-BHC

R.T.: 3.392 min
Delta R.T.: -0.003 min
Response: 1148657335
Conc: 48.05 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: -0.002 min
Response: 240992869
Conc: 52.36 ng/ml

Instrument :

ECD_D

ClientSampleId :

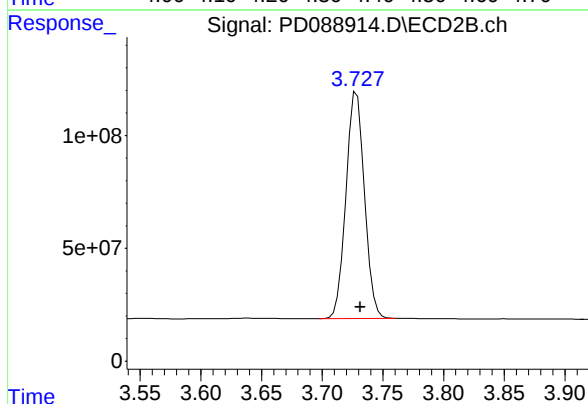
PSTDCCC050

Manual Integrations

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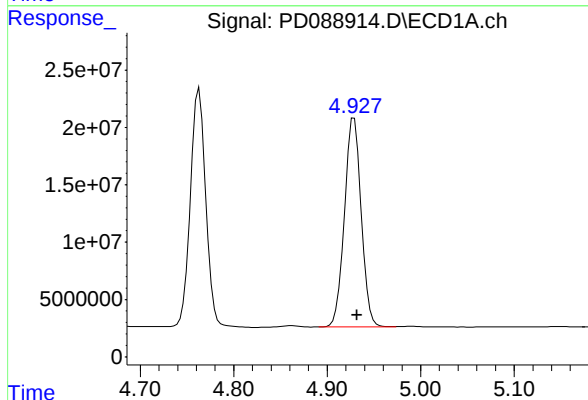
Reviewed By :Abdul Mirza 06/12/2025

Supervised By :mohammad ahmed 06/13/2025



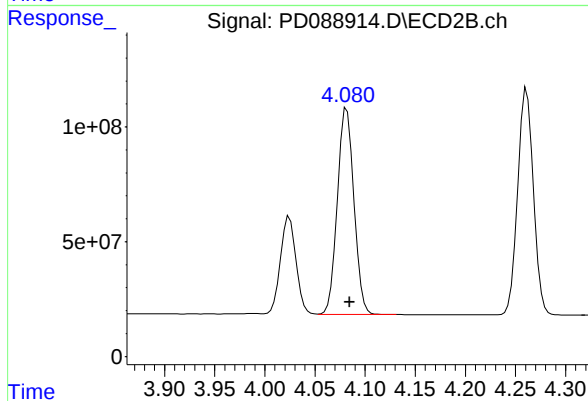
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: -0.003 min
Response: 1065470861
Conc: 48.07 ng/ml



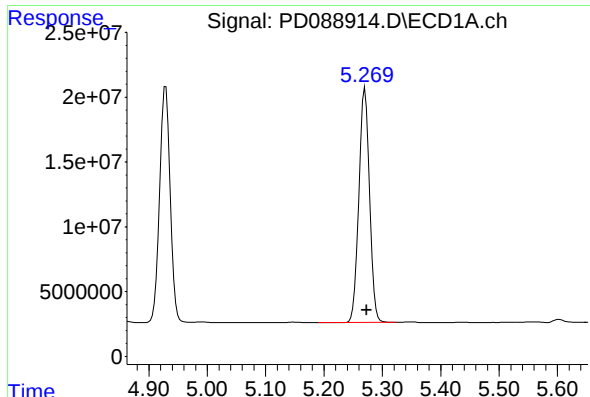
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: -0.003 min
Response: 227206092
Conc: 50.82 ng/ml



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: -0.003 min
Response: 1031222516
Conc: 45.92 ng/ml



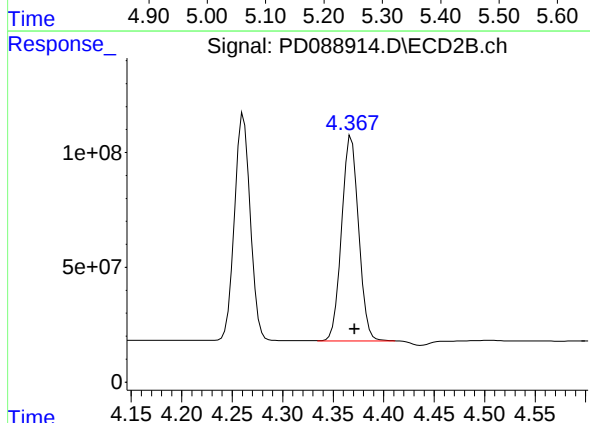
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: -0.003 min
Response: 230097543
Conc: 52.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

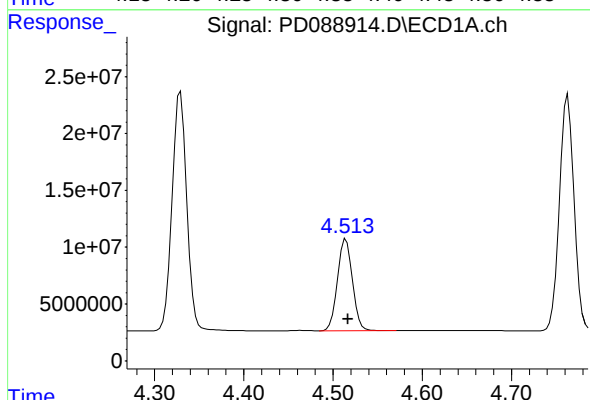
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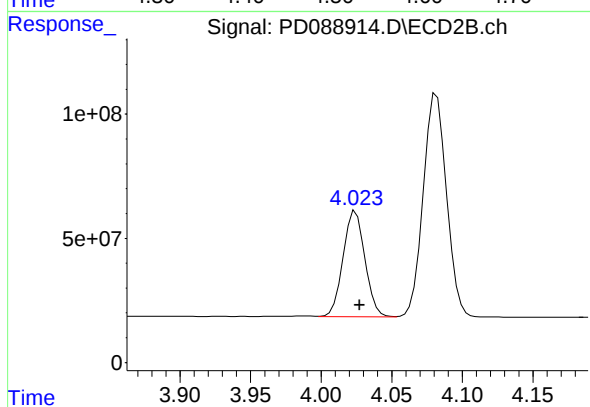
#5 Aldrin

R.T.: 4.367 min
Delta R.T.: -0.005 min
Response: 1048445927
Conc: 47.81 ng/ml



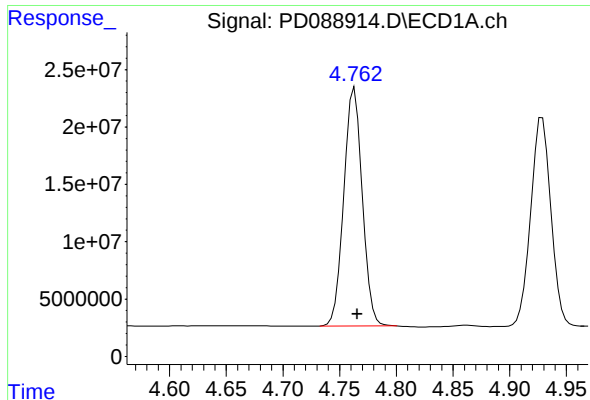
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: -0.002 min
Response: 94076778
Conc: 52.17 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: -0.003 min
Response: 458503408
Conc: 47.07 ng/ml



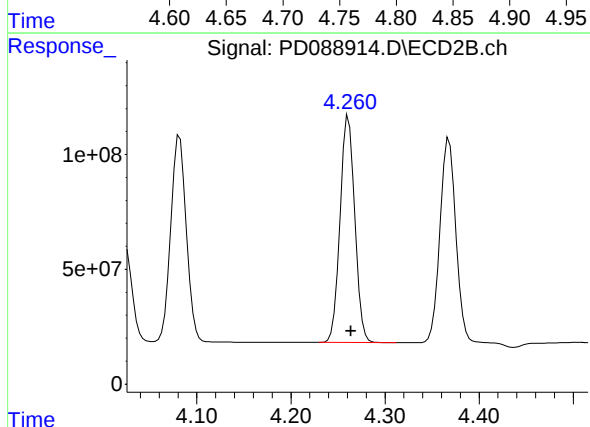
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: -0.003 min
Response: 235263036
Conc: 55.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

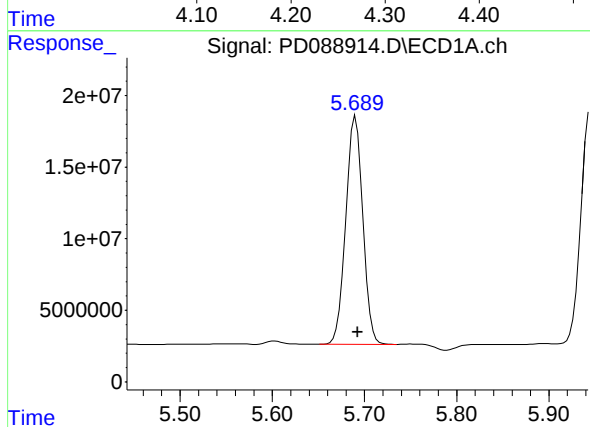
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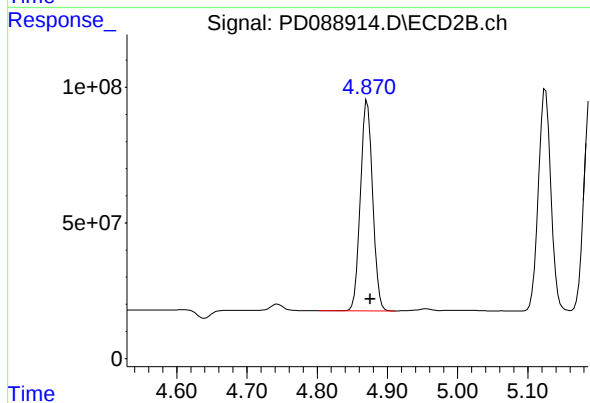
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: -0.003 min
Response: 1074195528
Conc: 48.18 ng/ml



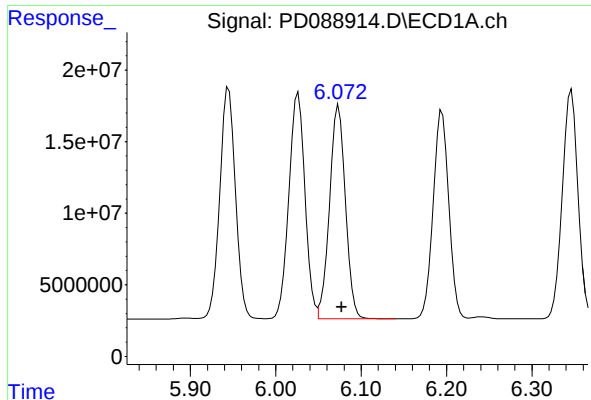
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.002 min
Response: 204076020
Conc: 51.41 ng/ml



#8 Heptachlor epoxide

R.T.: 4.871 min
Delta R.T.: -0.004 min
Response: 943479024
Conc: 47.48 ng/ml



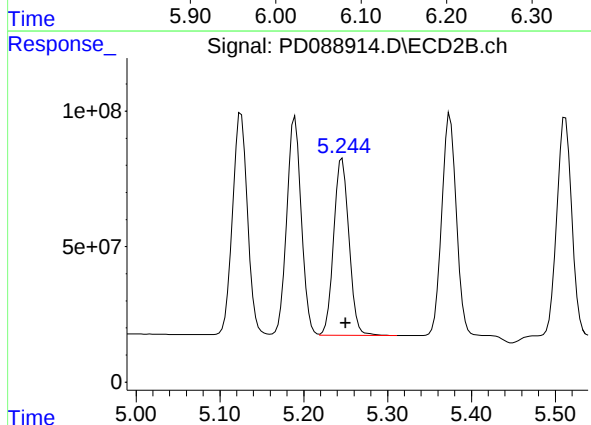
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: -0.003 min
Response: 193009276
Conc: 51.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

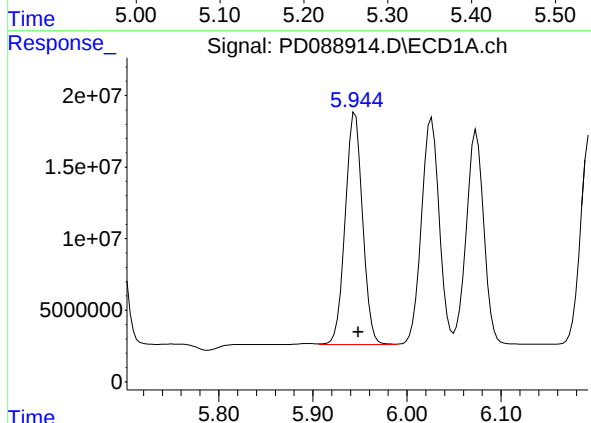
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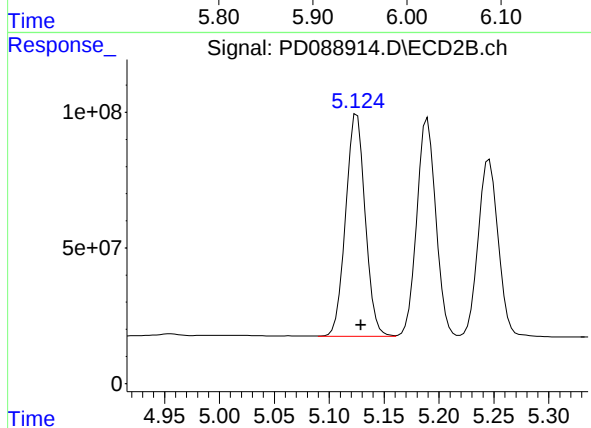
#9 Endosulfan I

R.T.: 5.246 min
Delta R.T.: -0.004 min
Response: 829343713
Conc: 43.70 ng/ml



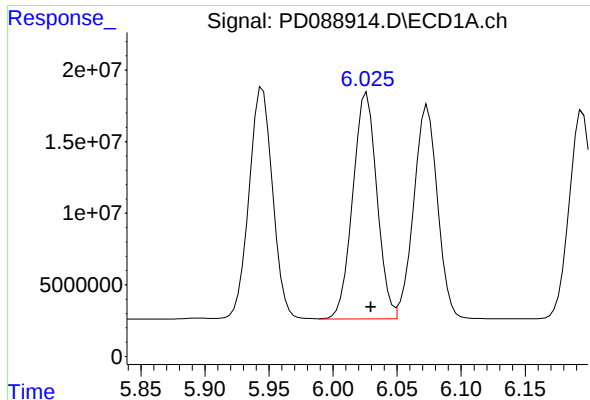
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: -0.003 min
Response: 207569042
Conc: 52.04 ng/ml



#10 gamma-Chlordane

R.T.: 5.125 min
Delta R.T.: -0.004 min
Response: 1015528697
Conc: 47.61 ng/ml



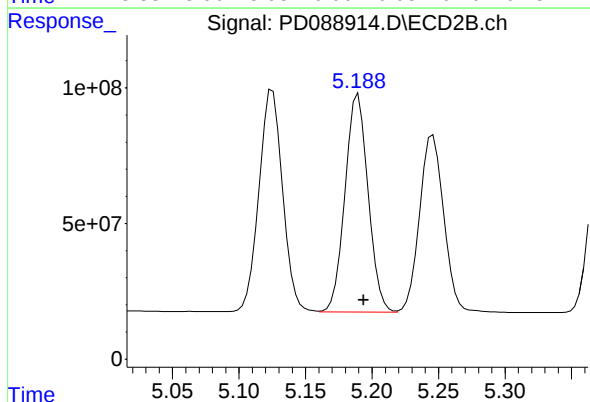
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: -0.003 min
Response: 207205376
Conc: 51.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

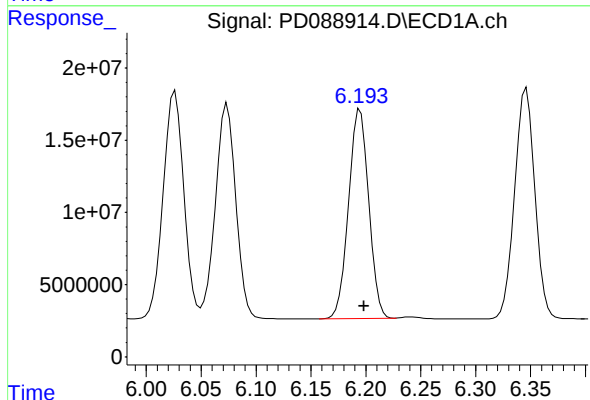
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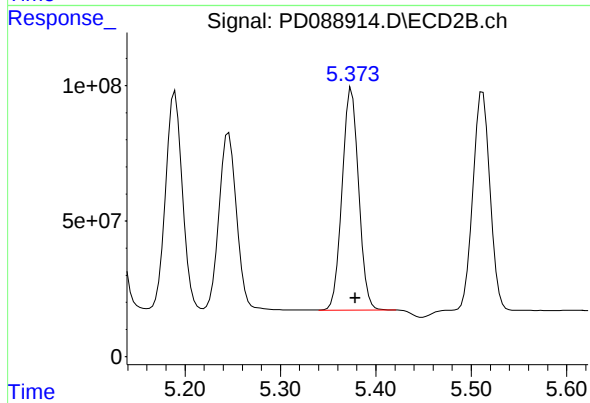
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: -0.004 min
Response: 972855462
Conc: 47.17 ng/ml



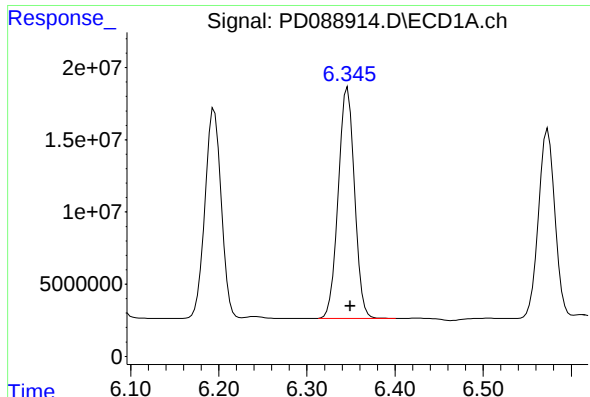
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.003 min
Response: 185267492
Conc: 51.62 ng/ml



#12 4,4'-DDE

R.T.: 5.373 min
Delta R.T.: -0.005 min
Response: 988761833
Conc: 47.30 ng/ml m



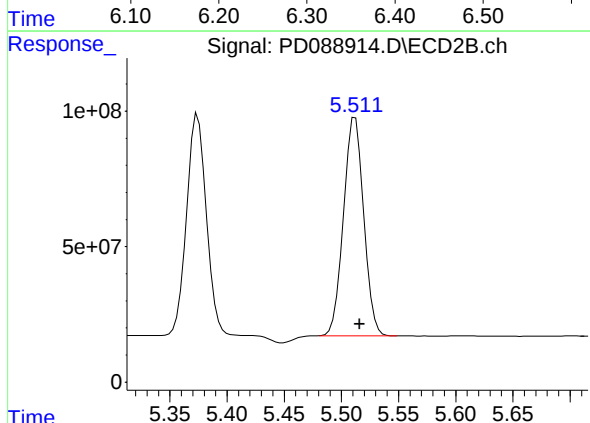
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.003 min
Response: 205185318
Conc: 51.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

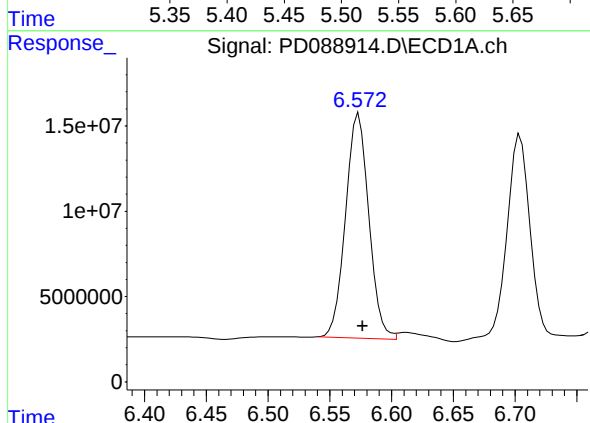
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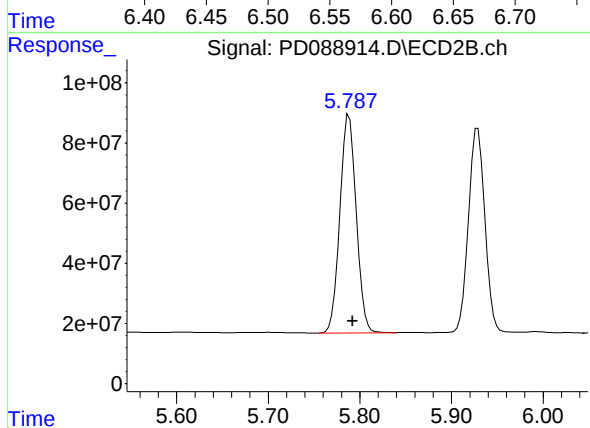
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: -0.004 min
Response: 996994885
Conc: 47.38 ng/ml



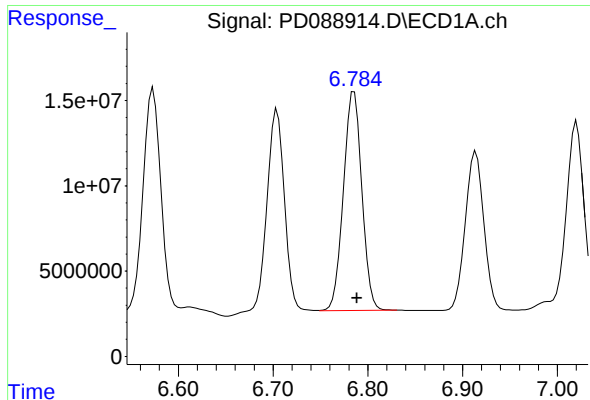
#14 Endrin

R.T.: 6.574 min
Delta R.T.: -0.003 min
Response: 173101367
Conc: 50.69 ng/ml



#14 Endrin

R.T.: 5.788 min
Delta R.T.: -0.004 min
Response: 902332236
Conc: 46.79 ng/ml



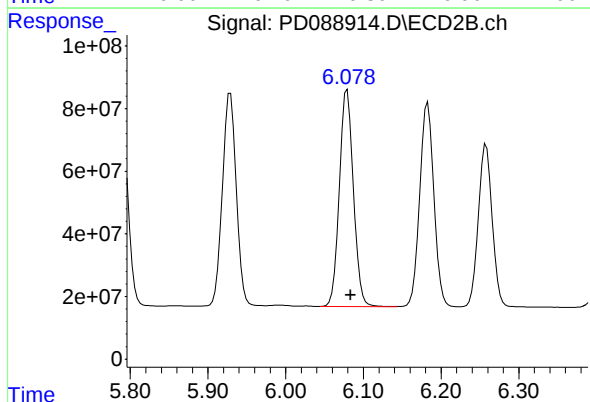
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: -0.003 min
Response: 173510728
Conc: 50.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

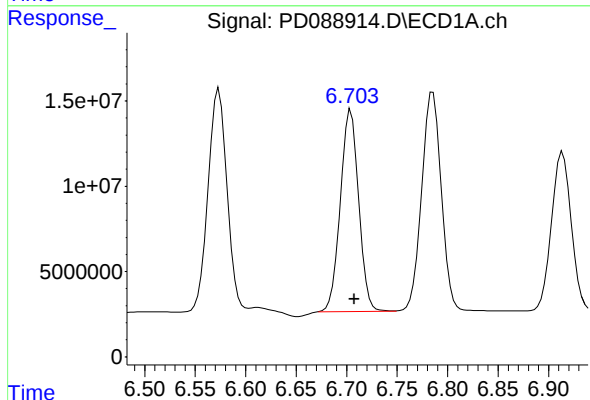
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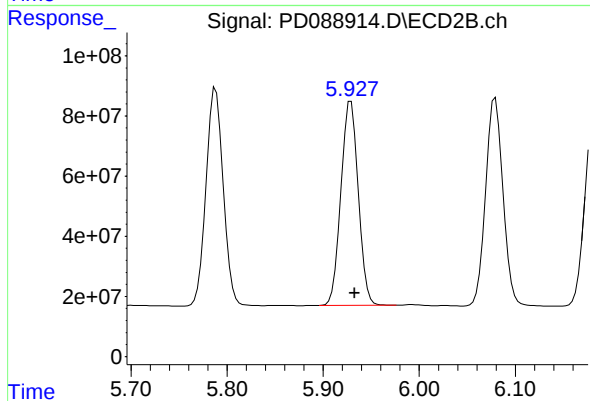
#15 Endosulfan II

R.T.: 6.079 min
Delta R.T.: -0.005 min
Response: 873512330
Conc: 47.68 ng/ml



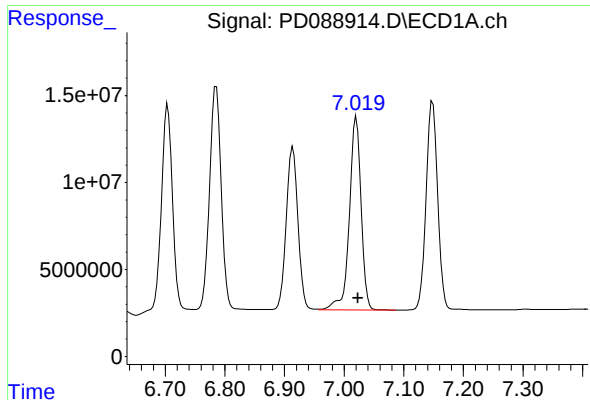
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.003 min
Response: 149645183
Conc: 53.73 ng/ml



#16 4,4'-DDD

R.T.: 5.929 min
Delta R.T.: -0.004 min
Response: 843875154
Conc: 48.52 ng/ml



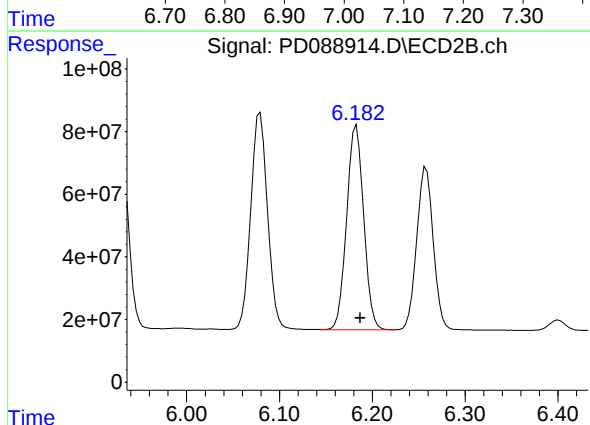
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.003 min
Response: 151419563
Conc: 48.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

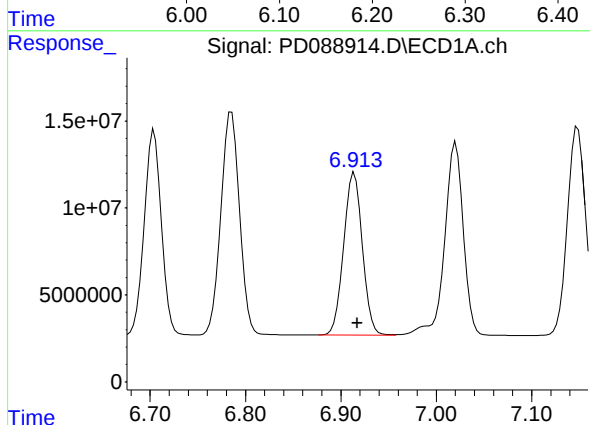
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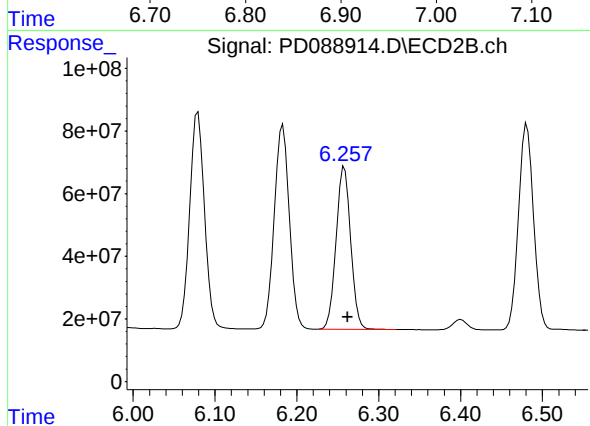
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 833082368
Conc: 45.93 ng/ml



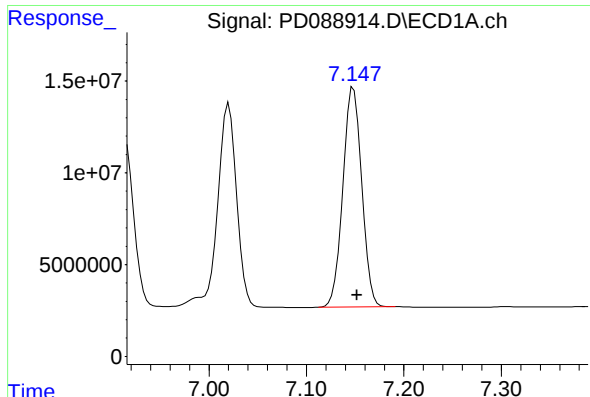
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: -0.003 min
Response: 127688672
Conc: 49.60 ng/ml



#18 Endrin aldehyde

R.T.: 6.258 min
Delta R.T.: -0.004 min
Response: 645198143
Conc: 46.32 ng/ml



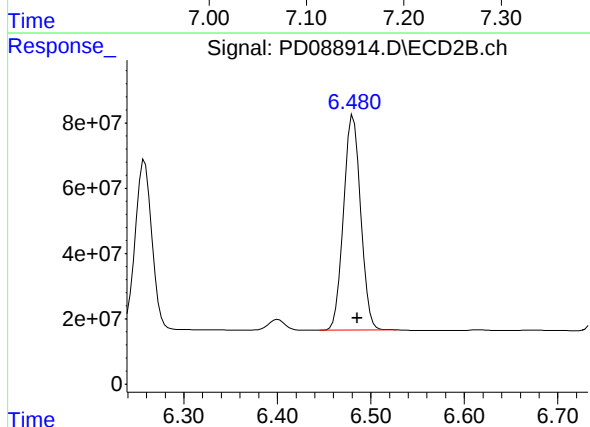
#19 Endosulfan Sulfate

R.T.: 7.148 min
Delta R.T.: -0.003 min
Response: 160872738
Conc: 50.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

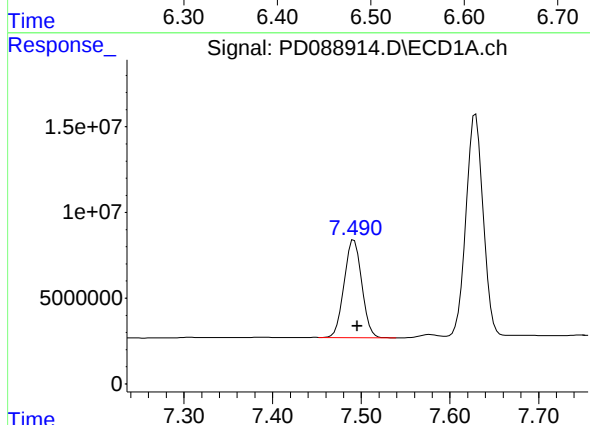
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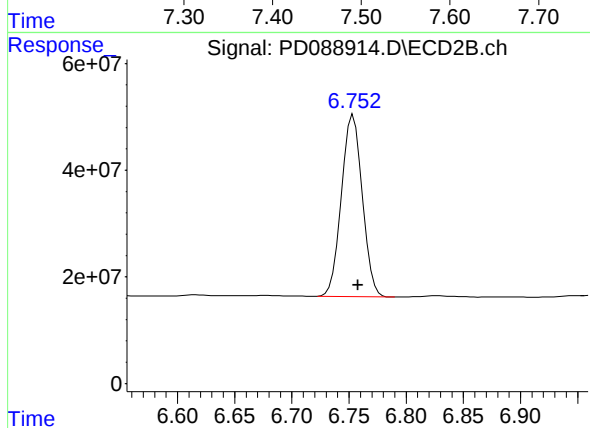
#19 Endosulfan Sulfate

R.T.: 6.481 min
Delta R.T.: -0.005 min
Response: 838790533
Conc: 47.24 ng/ml



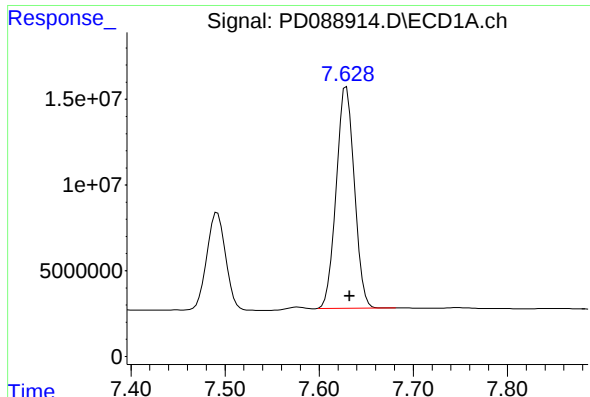
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: -0.003 min
Response: 78624657
Conc: 47.07 ng/ml



#20 Methoxychlor

R.T.: 6.754 min
Delta R.T.: -0.004 min
Response: 434777978
Conc: 45.41 ng/ml



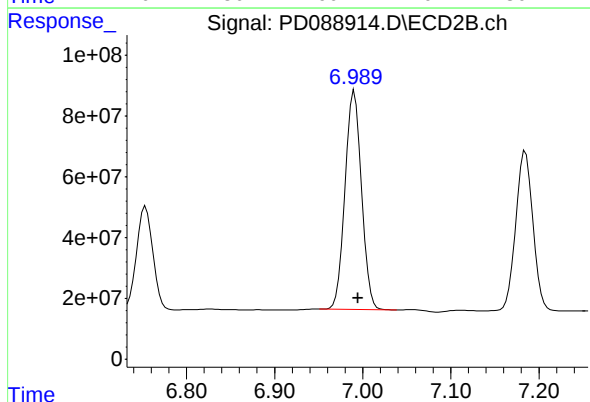
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: -0.004 min
Response: 173229537
Conc: 50.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

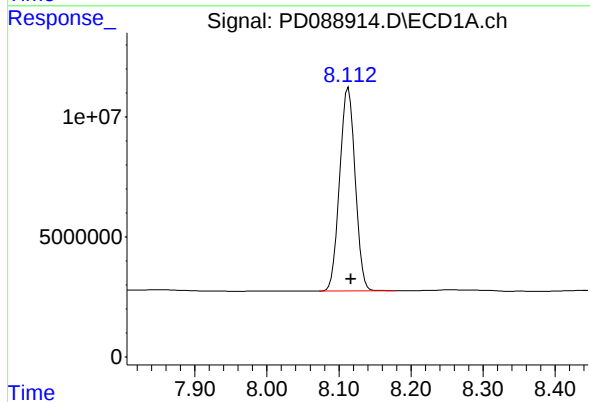
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



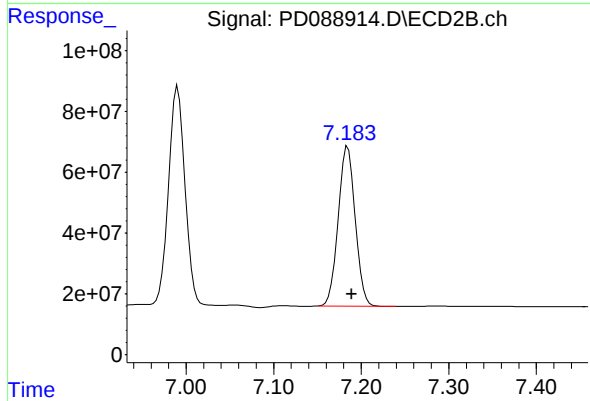
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.004 min
Response: 936636947
Conc: 48.41 ng/ml



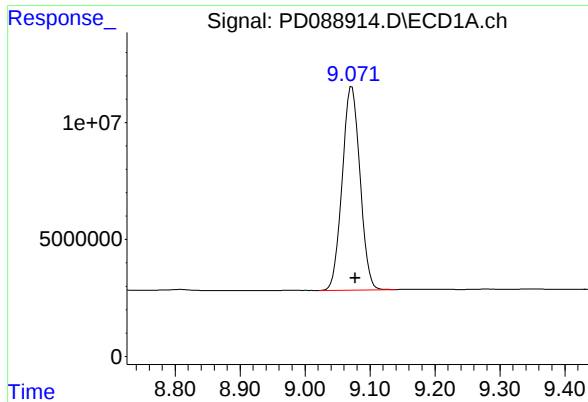
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.004 min
Response: 126385191
Conc: 48.64 ng/ml



#22 Mirex

R.T.: 7.185 min
Delta R.T.: -0.004 min
Response: 710934143
Conc: 46.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: -0.005 min
Response: 165739868
Conc: 48.43 ng/ml

Instrument :

ECD_D

ClientSampleId :

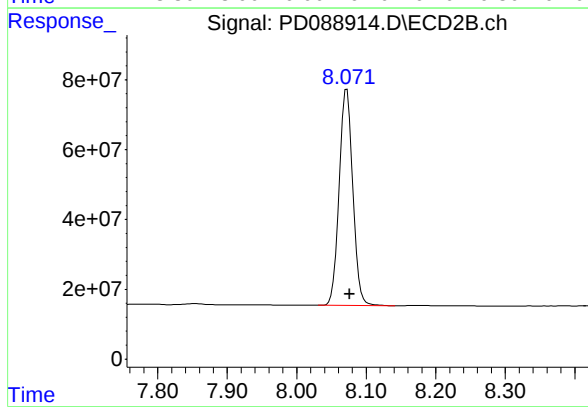
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: -0.004 min
Response: 844422032
Conc: 46.25 ng/ml