

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042925\
 Data File : PD088334.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2025 15:31
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/30/2025
 Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 30 00:49:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 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...	3.550	2.882	109.0E6	741.7E6	54.592	50.727
28) SA Decachlor...	9.074	8.076	166.8E6	842.6E6	50.417	45.596
Target Compounds						
2) A alpha-BHC	3.999	3.395	248.4E6	1176.4E6	57.614	51.457
3) MA gamma-BHC...	4.330	3.732	238.1E6	1089.2E6	56.871	50.568
4) MA Heptachlor	4.930	4.085	228.0E6	1068.0E6	56.451	49.913
5) MB Aldrin	5.272	4.371	226.4E6	1084.1E6	57.326	52.114
6) B beta-BHC	4.515	4.027	90920671	473.0E6	56.007	51.109
7) B delta-BHC	4.764	4.264	236.2E6	1092.9E6	57.254	51.402
8) B Heptachlo...	5.691	4.875	201.4E6	954.3E6	56.358	50.508
9) A Endosulfan I	6.075	5.250	191.2E6	818.2E6	56.622	45.426
10) B gamma-Chl...	5.947	5.128	207.6E6	1028.1E6	57.310	50.656
11) B alpha-Chl...	6.028	5.194	205.0E6	985.4E6	56.782	50.268
12) B 4,4'-DDE	6.196	5.377	180.5E6	996.0E6	54.720	50.576m
13) MA Dieldrin	6.348	5.516	204.2E6	1012.0E6	57.224	50.772
14) MA Endrin	6.575	5.792	166.6E6	923.5E6	55.848	50.733
15) B Endosulfa...	6.787	6.084	171.7E6	871.4E6	54.934	49.736
16) A 4,4'-DDD	6.706	5.933	145.2E6	834.9E6	57.733	50.950
17) MA 4,4'-DDT	7.022	6.187	145.9E6	824.9E6	52.529	48.478
18) B Endrin al...	6.915	6.262	123.4E6	638.1E6	53.474	47.976
19) B Endosulfa...	7.149	6.485	158.4E6	843.0E6	55.071	49.205
20) A Methoxychlor	7.493	6.758	76206782	434.8E6	50.820	47.666
21) B Endrin ke...	7.631	6.994	168.8E6	912.3E6	54.675	48.773
22) Mirex	8.115	7.188	123.1E6	707.3E6	52.435	47.724

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042925\
Data File : PD088334.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 15:31
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

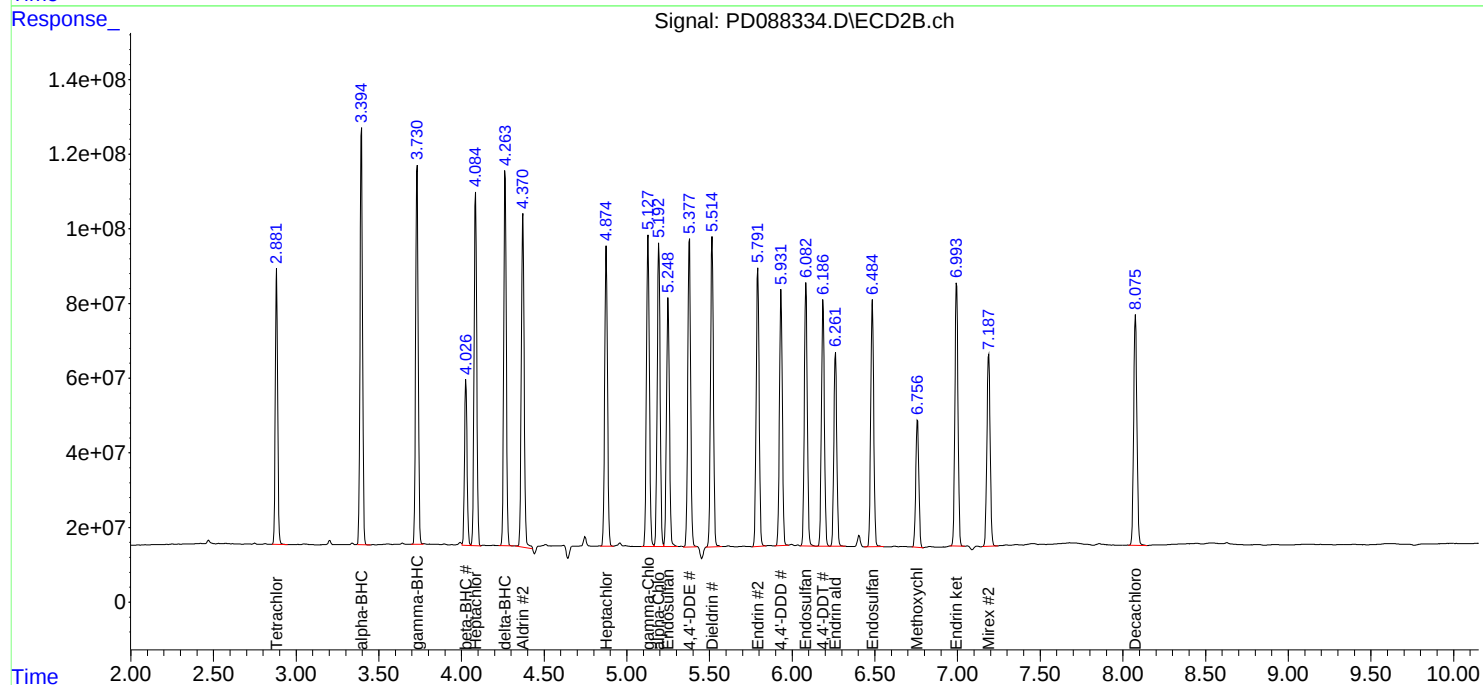
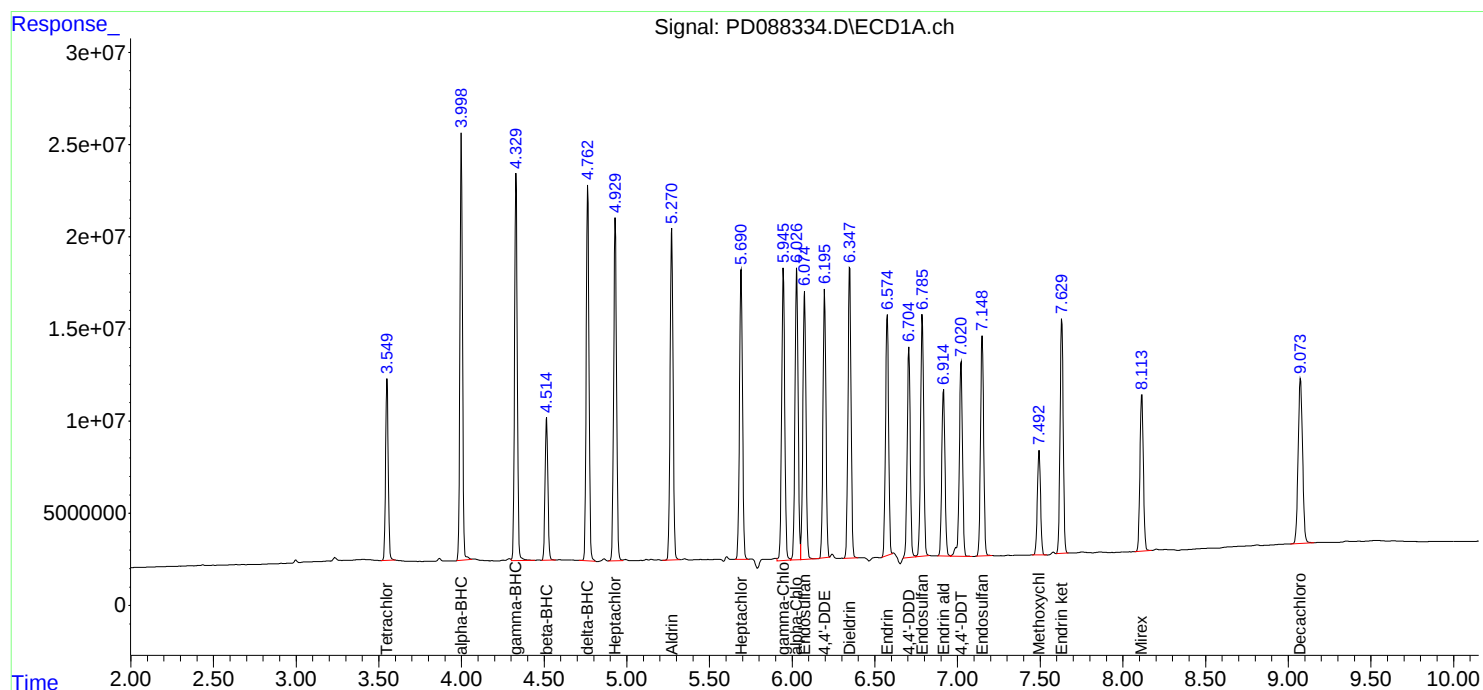
APPROVED

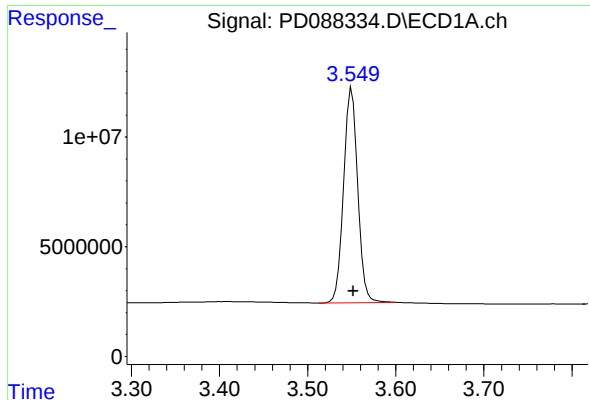
Reviewed By :Abdul Mirza 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 00:49:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 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





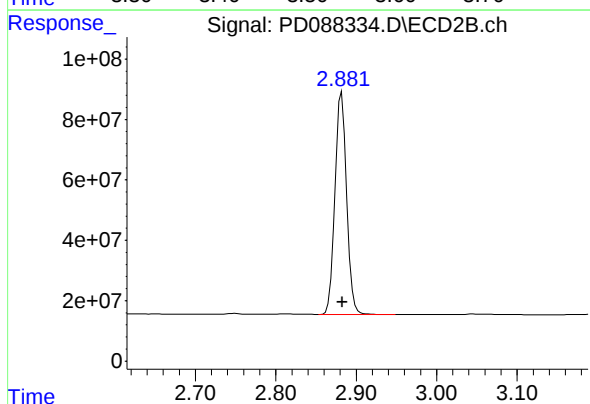
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: -0.002 min
Response: 109041431
Conc: 54.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

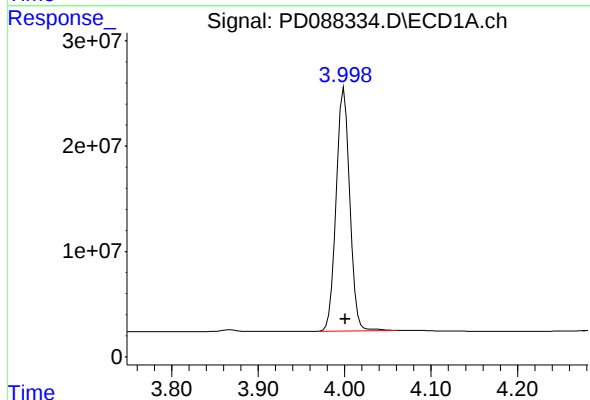
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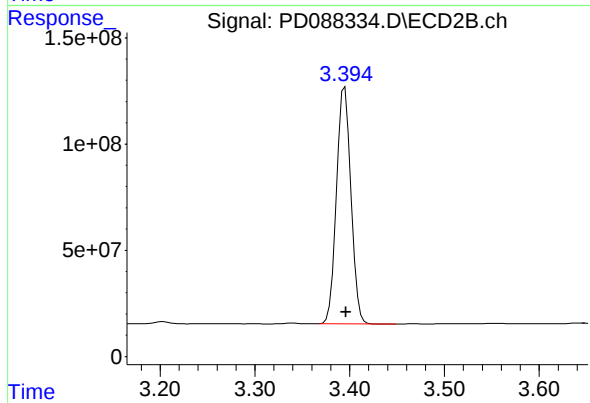
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: -0.001 min
Response: 741709851
Conc: 50.73 ng/ml



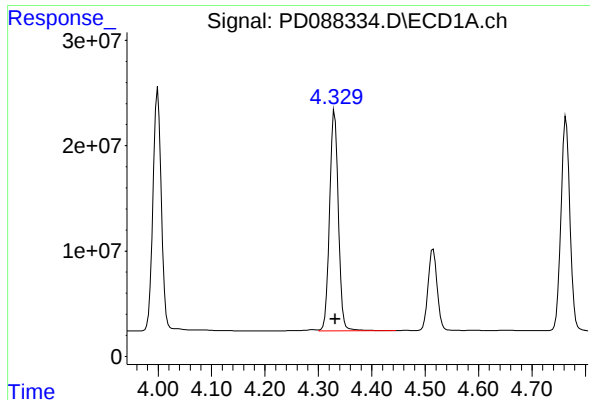
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: -0.002 min
Response: 248430812
Conc: 57.61 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: -0.001 min
Response: 1176392772
Conc: 51.46 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: -0.001 min
Response: 238146767
Conc: 56.87 ng/ml

Instrument :

ECD_D

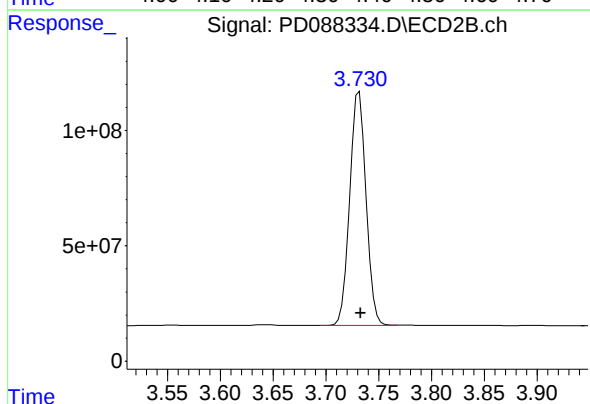
ClientSampleId :

PSTDCCC050

Manual Integrations

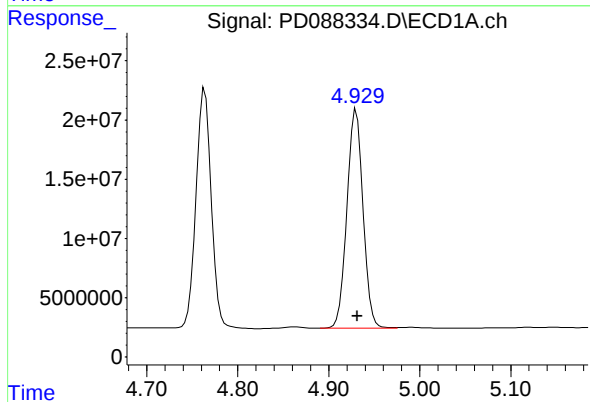
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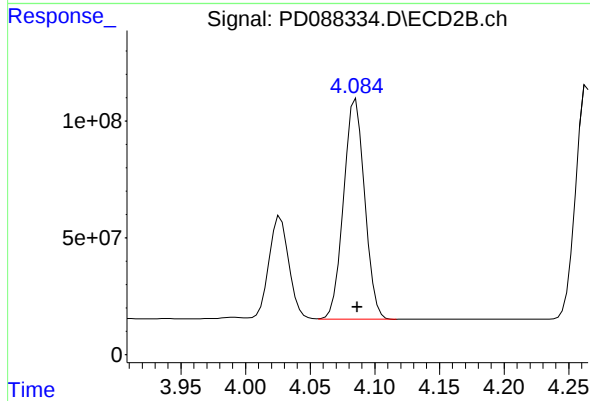
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: -0.001 min
Response: 1089177835
Conc: 50.57 ng/ml



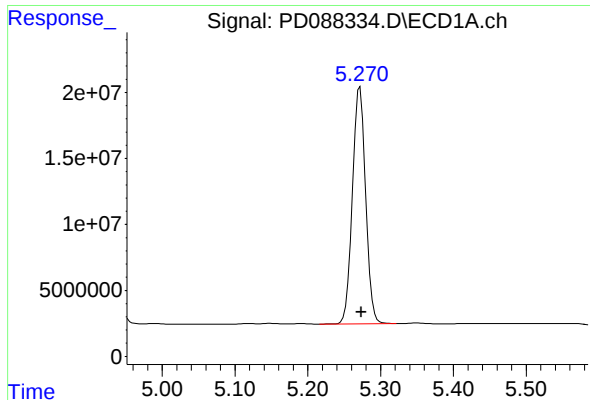
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: -0.001 min
Response: 228003992
Conc: 56.45 ng/ml



#4 Heptachlor

R.T.: 4.085 min
Delta R.T.: -0.001 min
Response: 1068043097
Conc: 49.91 ng/ml



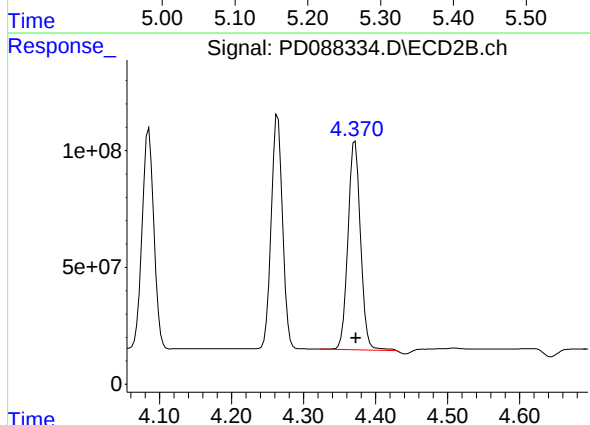
#5 Aldrin

R.T.: 5.272 min
Delta R.T.: -0.002 min
Response: 226412693
Conc: 57.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

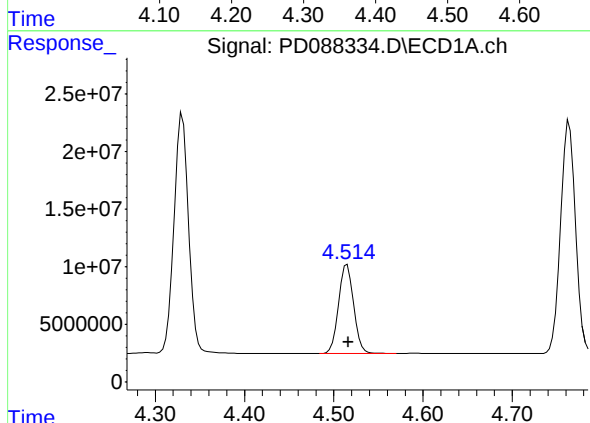
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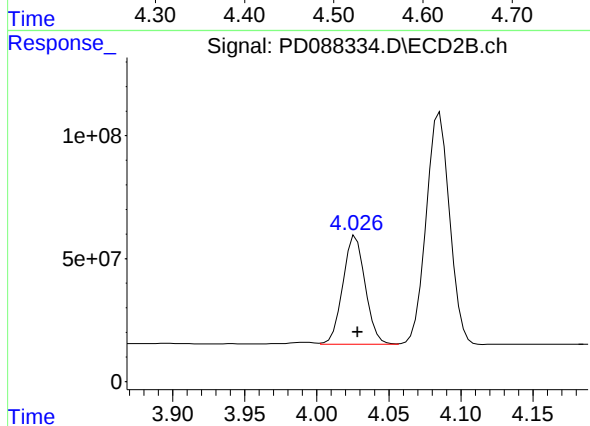
#5 Aldrin

R.T.: 4.371 min
Delta R.T.: -0.001 min
Response: 1084121077
Conc: 52.11 ng/ml



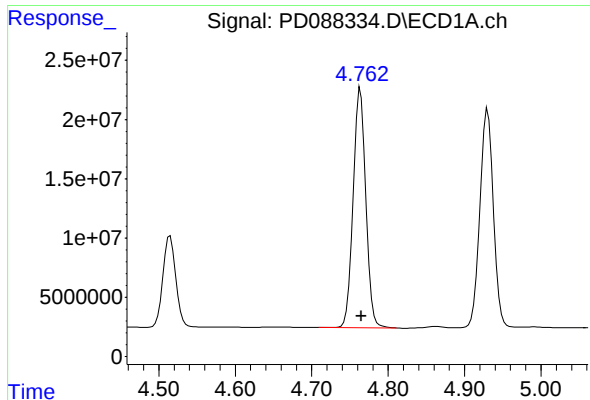
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 90920671
Conc: 56.01 ng/ml



#6 beta-BHC

R.T.: 4.027 min
Delta R.T.: -0.001 min
Response: 472971803
Conc: 51.11 ng/ml



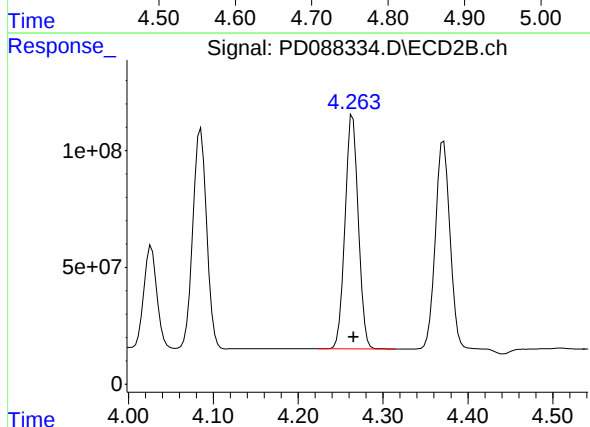
#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: -0.001 min
Response: 236172200
Conc: 57.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

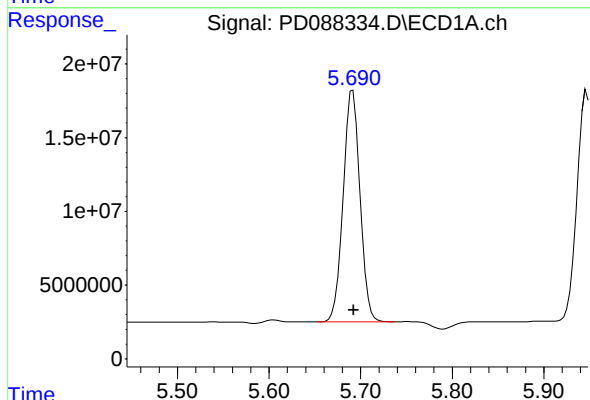
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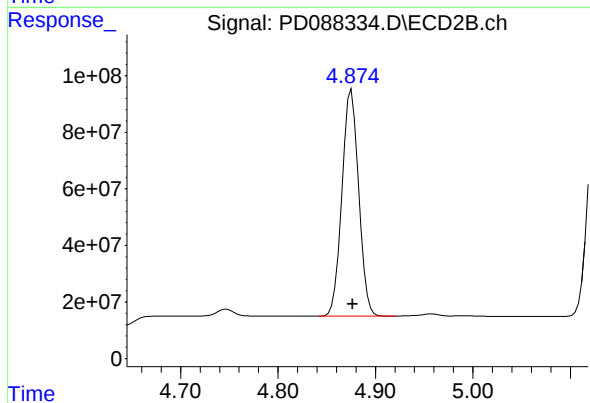
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: -0.001 min
Response: 1092896885
Conc: 51.40 ng/ml



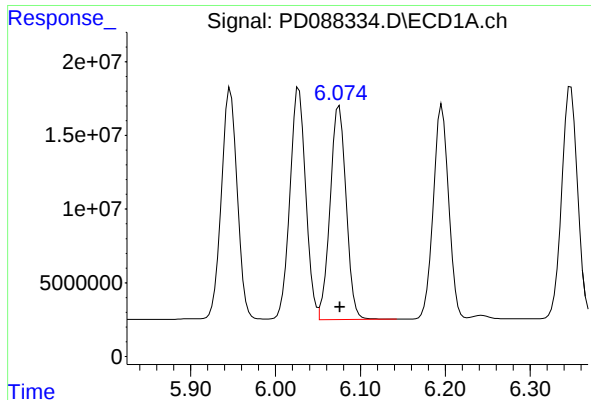
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: -0.001 min
Response: 201419247
Conc: 56.36 ng/ml



#8 Heptachlor epoxide

R.T.: 4.875 min
Delta R.T.: -0.001 min
Response: 954313429
Conc: 50.51 ng/ml



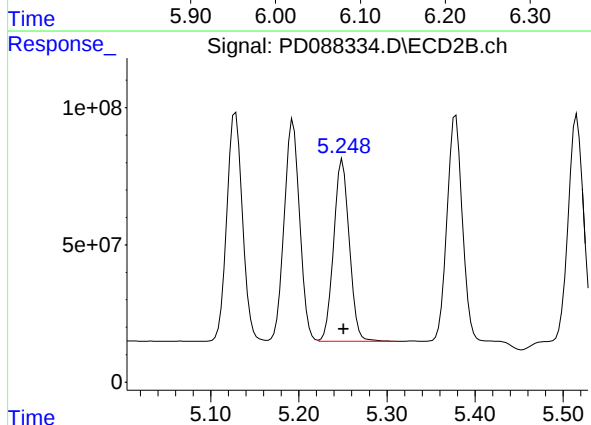
#9 Endosulfan I

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 191220627
Conc: 56.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

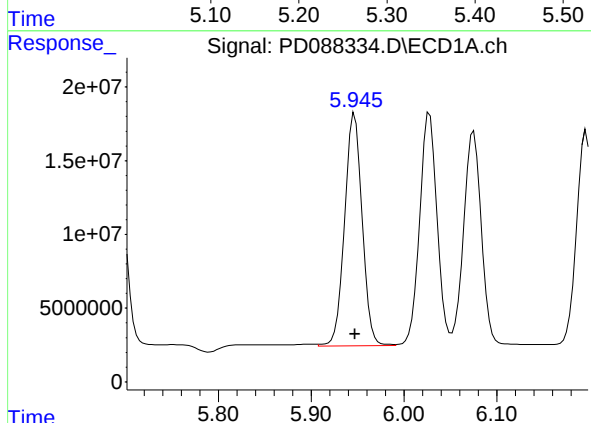
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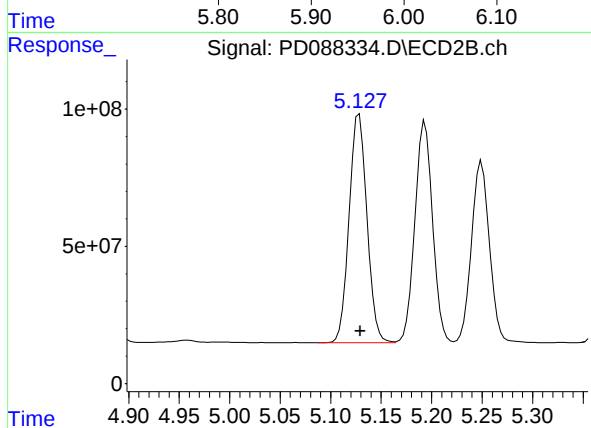
#9 Endosulfan I

R.T.: 5.250 min
Delta R.T.: -0.002 min
Response: 818241867
Conc: 45.43 ng/ml



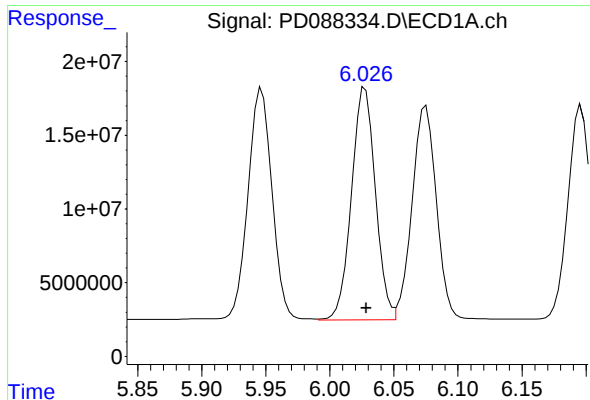
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 207578271
Conc: 57.31 ng/ml



#10 gamma-Chlordane

R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 1028113478
Conc: 50.66 ng/ml



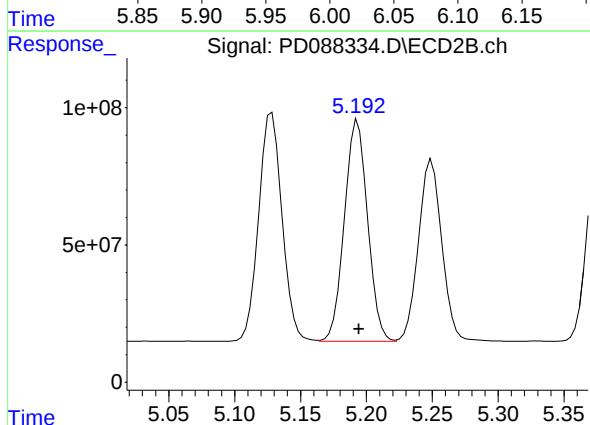
#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: -0.001 min
Response: 204958296
Conc: 56.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

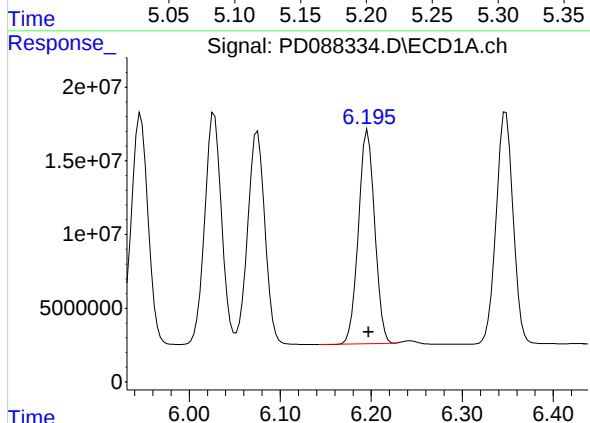
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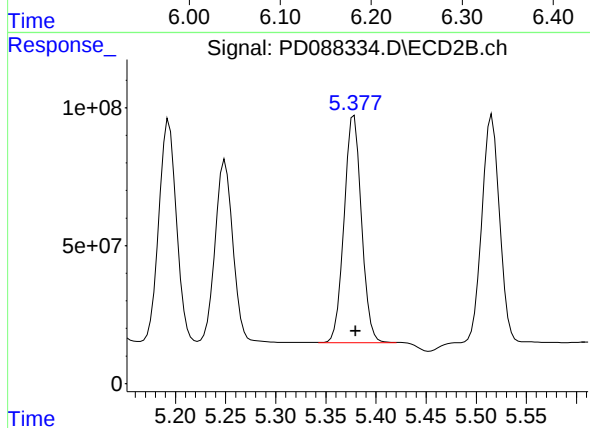
#11 alpha-Chlordane

R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 985400783
Conc: 50.27 ng/ml



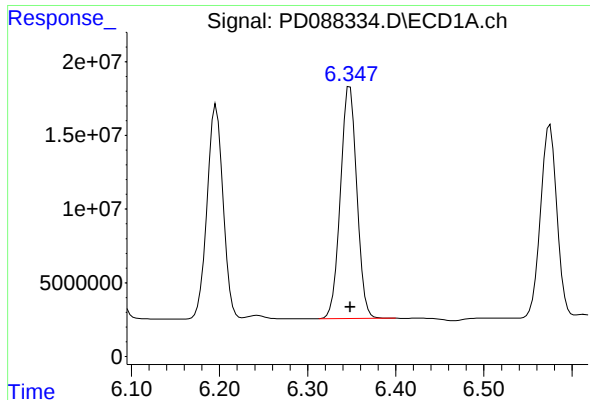
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: -0.001 min
Response: 180481455
Conc: 54.72 ng/ml



#12 4,4'-DDE

R.T.: 5.377 min
Delta R.T.: -0.003 min
Response: 996042926
Conc: 50.58 ng/ml m



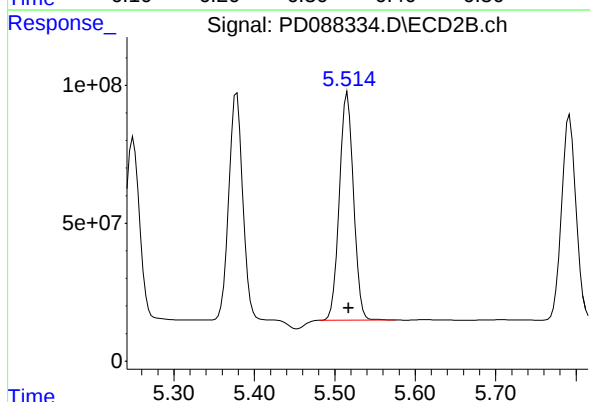
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 204203905
Conc: 57.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

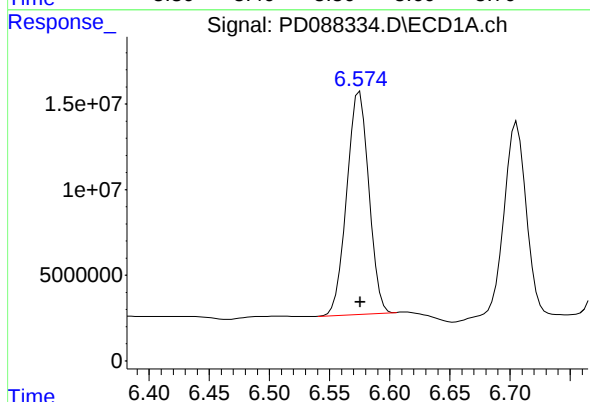
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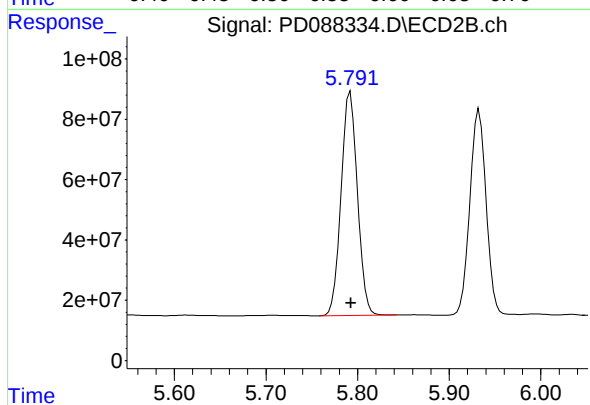
#13 Dieldrin

R.T.: 5.516 min
Delta R.T.: -0.001 min
Response: 1012030558
Conc: 50.77 ng/ml



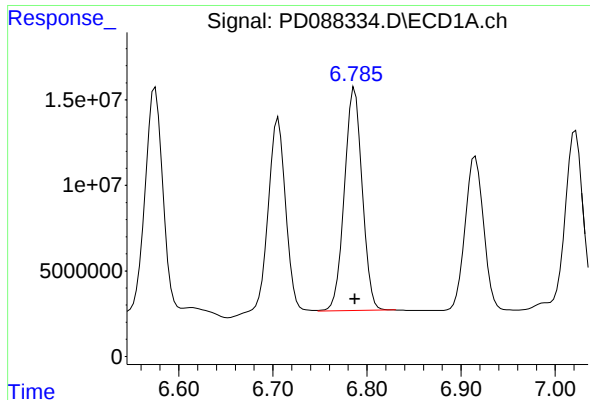
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 166571446
Conc: 55.85 ng/ml



#14 Endrin

R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 923461496
Conc: 50.73 ng/ml



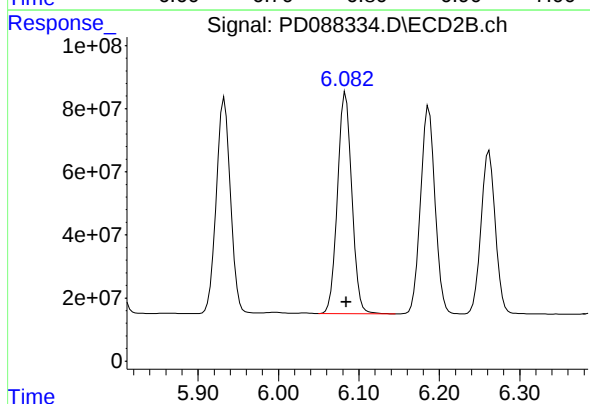
#15 Endosulfan II

R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 171736636
Conc: 54.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

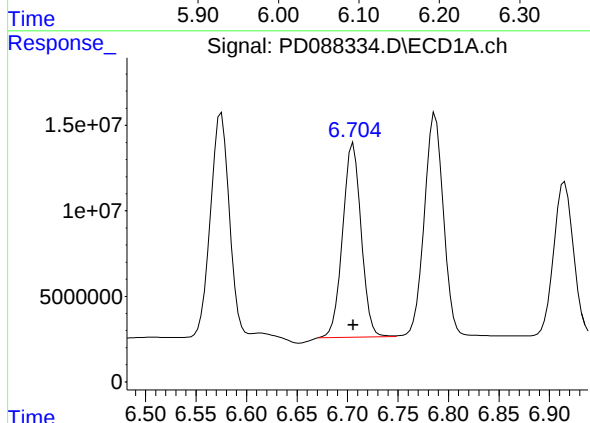
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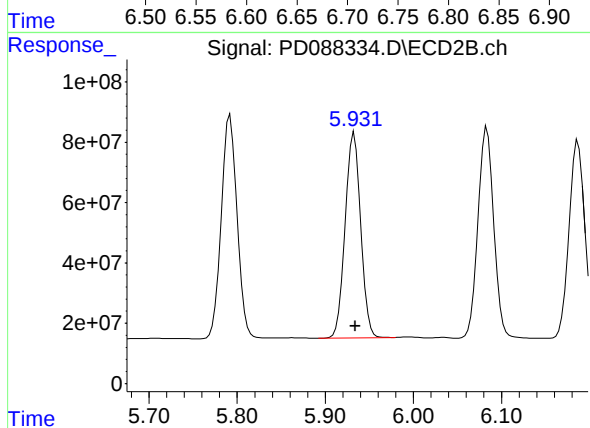
#15 Endosulfan II

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 871448996
Conc: 49.74 ng/ml



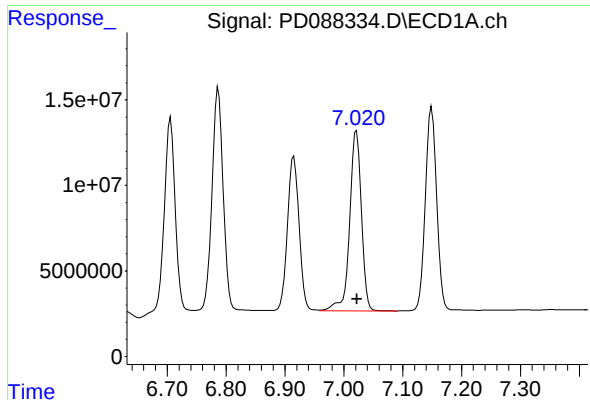
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 145194973
Conc: 57.73 ng/ml



#16 4,4'-DDD

R.T.: 5.933 min
Delta R.T.: -0.001 min
Response: 834884820
Conc: 50.95 ng/ml



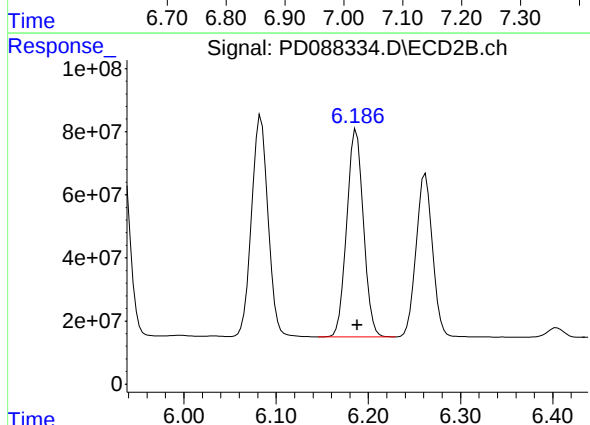
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 145902189
Conc: 52.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

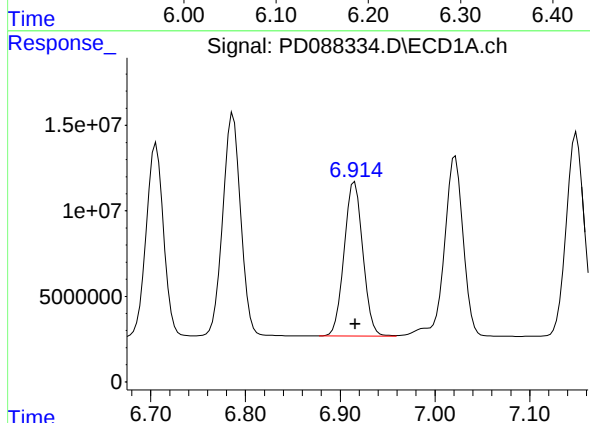
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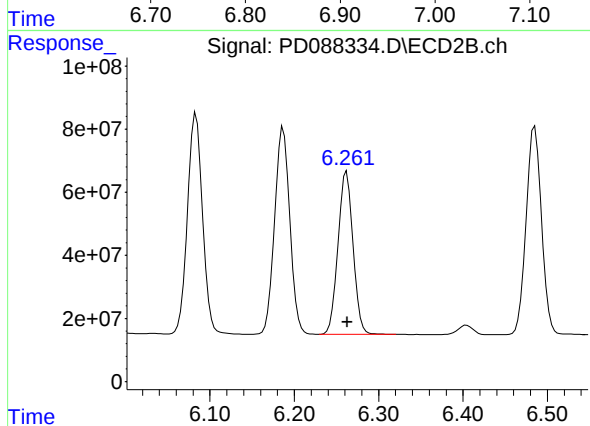
#17 4,4'-DDT

R.T.: 6.187 min
Delta R.T.: -0.001 min
Response: 824923917
Conc: 48.48 ng/ml



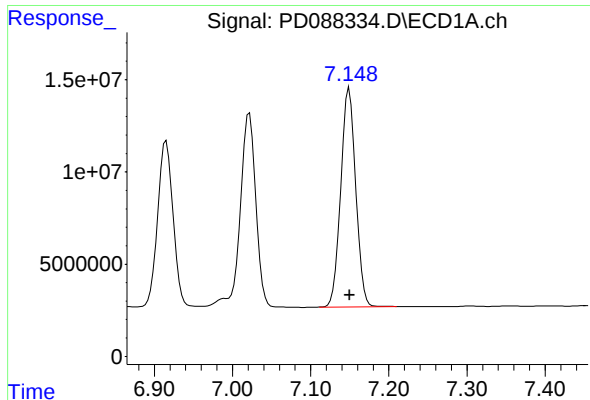
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 123418242
Conc: 53.47 ng/ml



#18 Endrin aldehyde

R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 638121288
Conc: 47.98 ng/ml



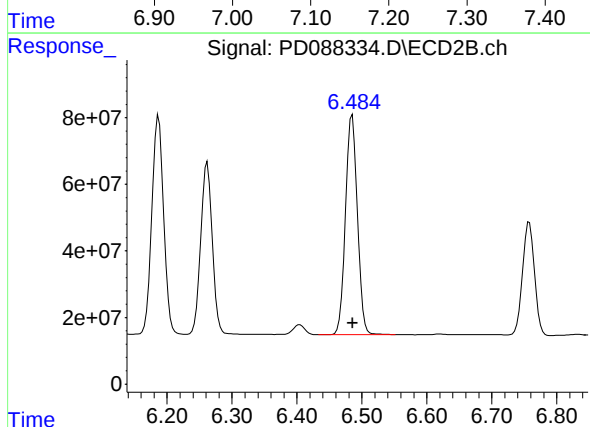
#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 158375069
Conc: 55.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

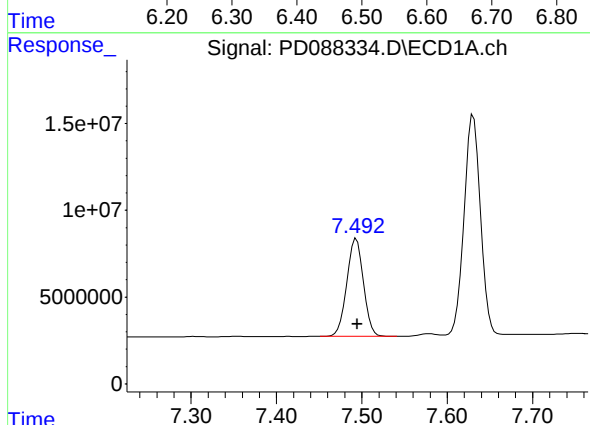
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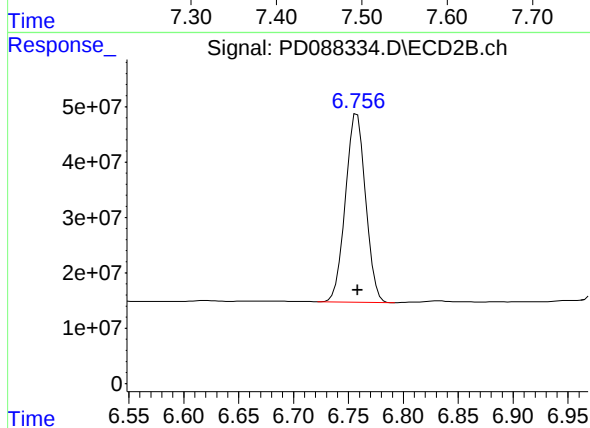
#19 Endosulfan Sulfate

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 843042269
Conc: 49.21 ng/ml



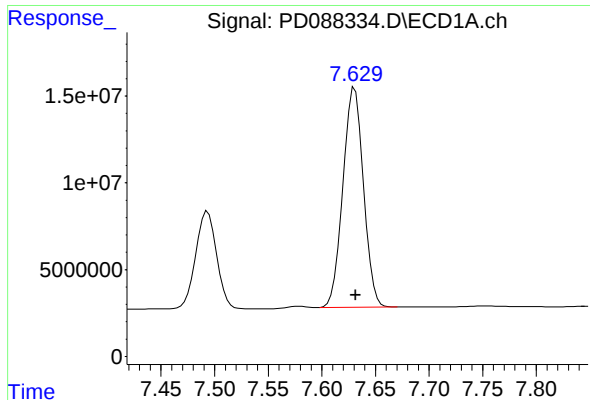
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: -0.001 min
Response: 76206782
Conc: 50.82 ng/ml



#20 Methoxychlor

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 434768258
Conc: 47.67 ng/ml



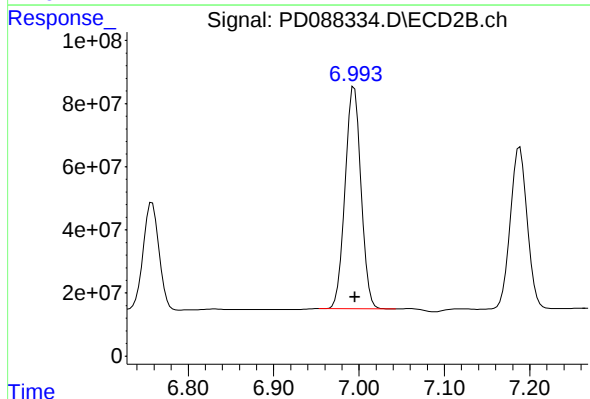
#21 Endrin ketone

R.T.: 7.631 min
Delta R.T.: 0.000 min
Response: 168759919
Conc: 54.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

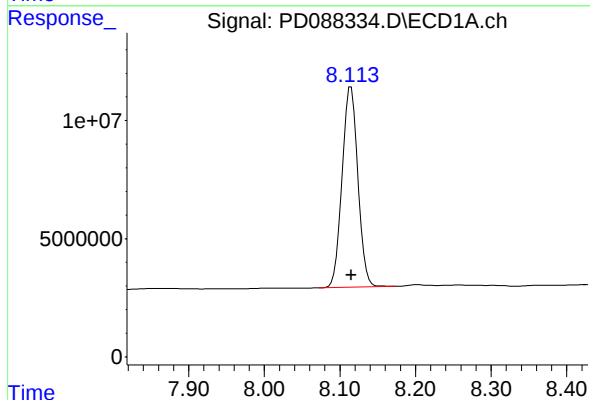
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



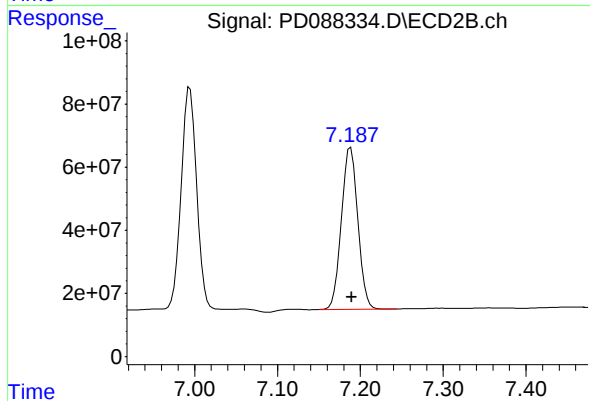
#21 Endrin ketone

R.T.: 6.994 min
Delta R.T.: 0.000 min
Response: 912257969
Conc: 48.77 ng/ml



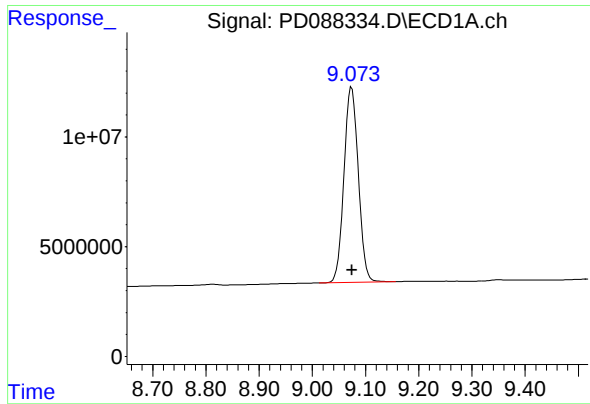
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 123133160
Conc: 52.43 ng/ml



#22 Mirex

R.T.: 7.188 min
Delta R.T.: -0.001 min
Response: 707321939
Conc: 47.72 ng/ml



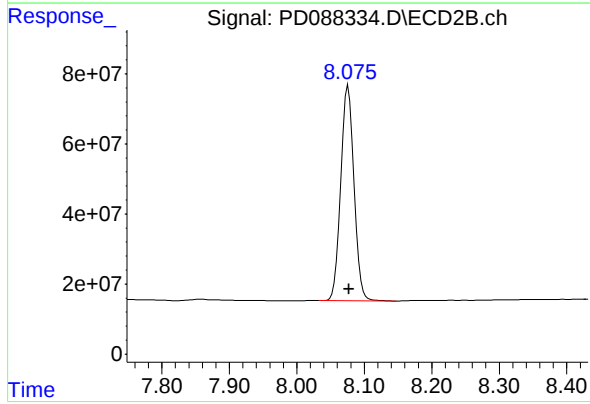
#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.000 min
Response: 166786504
Conc: 50.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



#28 Decachlorobiphenyl

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 842603571
Conc: 45.60 ng/ml