

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061325\
 Data File : PD088939.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2025 09:41
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/16/2025
 Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 22:32:44 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...	3.547	2.879	128.6E6	769.3E6	59.439m	50.854
28)	SA Decachlor...	9.070	8.071	171.5E6	893.0E6	50.101	48.917
Target Compounds							
2)	A alpha-BHC	3.998	3.392	273.2E6	1220.4E6	57.194	51.056
3)	MA gamma-BHC...	4.329	3.728	259.3E6	1128.0E6	56.328	50.887
4)	MA Heptachlor	4.928	4.081	248.6E6	1088.4E6	55.595	48.469
5)	MB Aldrin	5.270	4.368	244.9E6	1106.5E6	55.733	50.457
6)	B beta-BHC	4.514	4.024	100.6E6	487.6E6	55.787	50.049
7)	B delta-BHC	4.763	4.261	252.8E6	1134.5E6	59.813	50.886
8)	B Heptachlo...	5.690	4.871	217.3E6	993.8E6	54.751	50.013
9)	A Endosulfan I	6.073	5.246	205.2E6	954.5E6	54.521	50.293
10)	B gamma-Chl...	5.944	5.125	221.1E6	1076.8E6	55.419	50.477
11)	B alpha-Chl...	6.026	5.189	220.5E6	1034.8E6	55.050	50.171
12)	B 4,4'-DDE	6.194	5.374	200.1E6	1047.1E6	55.741	50.093
13)	MA Dieldrin	6.346	5.512	219.4E6	1053.8E6	54.696	50.078
14)	MA Endrin	6.572	5.788	175.1E6	898.8E6	51.274	46.606
15)	B Endosulfa...	6.784	6.079	183.7E6	920.2E6	53.331	50.225
16)	A 4,4'-DDD	6.703	5.929	158.1E6	880.6E6	56.755	50.629
17)	MA 4,4'-DDT	7.020	6.182	162.8E6	878.2E6	52.150	48.421
18)	B Endrin al...	6.913	6.258	136.2E6	684.9E6	52.904	49.173
19)	B Endosulfa...	7.148	6.481	170.7E6	882.2E6	53.305	49.686
20)	A Methoxychlor	7.491	6.753	82254694	434.4E6	49.238	45.373
21)	B Endrin ke...	7.628	6.990	184.9E6	993.2E6	54.003	51.335
22)	Mirex	8.113	7.184	134.2E6	751.2E6	51.657	49.415

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061325\
Data File : PD088939.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jun 2025 09:41
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

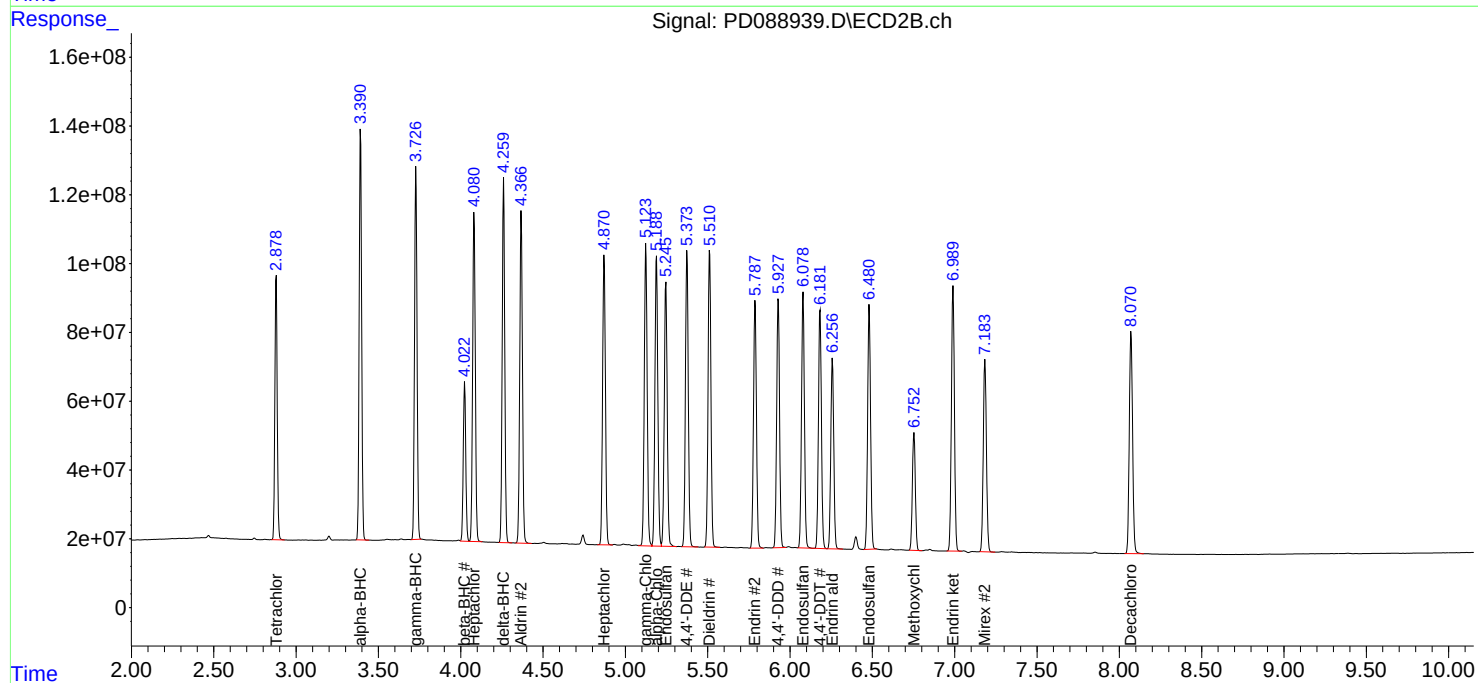
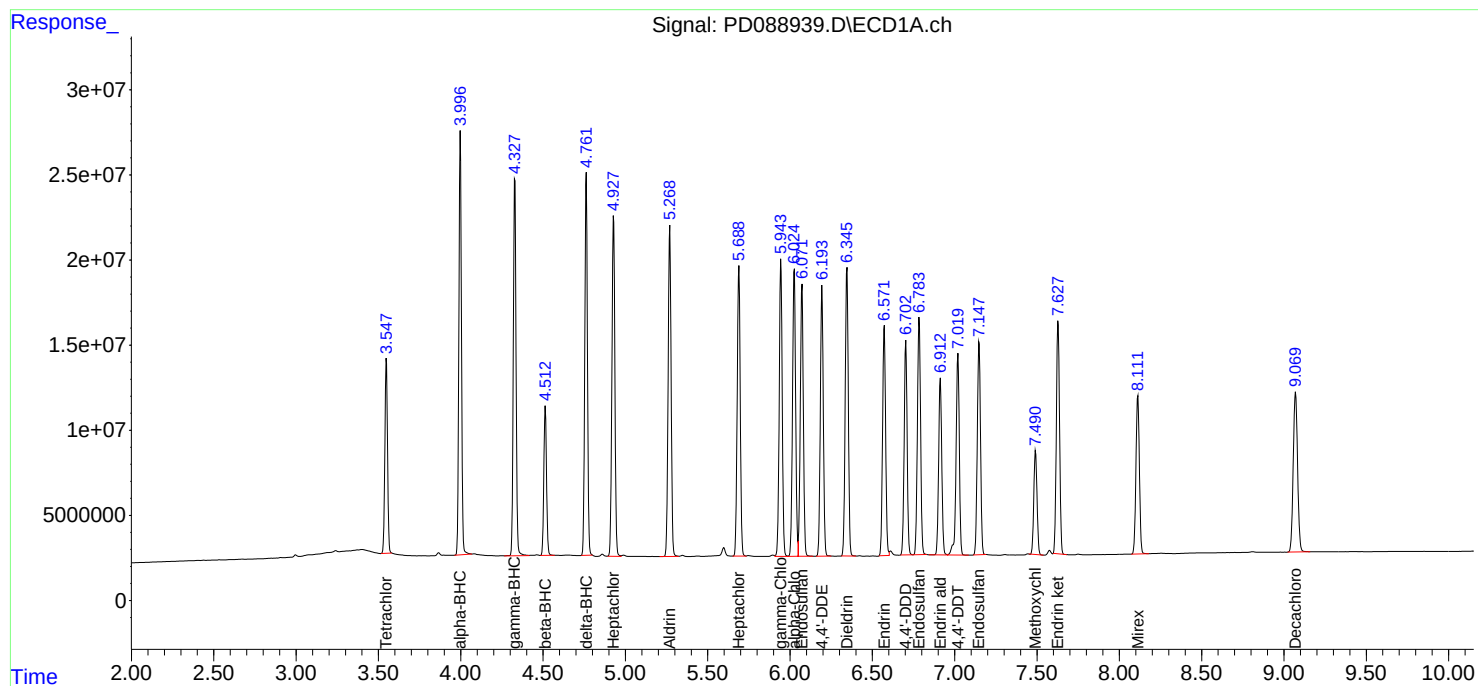
APPROVED

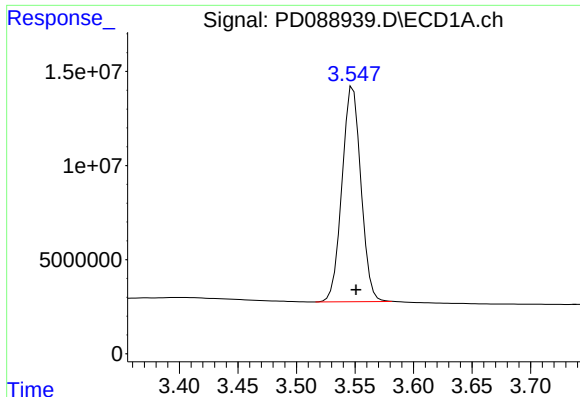
Reviewed By :Abdul Mirza 06/16/2025

Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 22:32:44 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





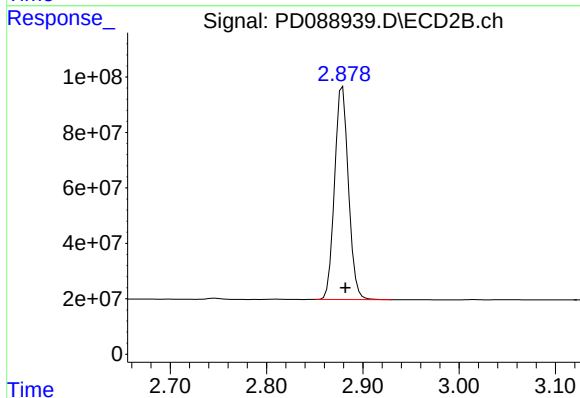
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: -0.004 min
Response: 128612041
Conc: 59.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

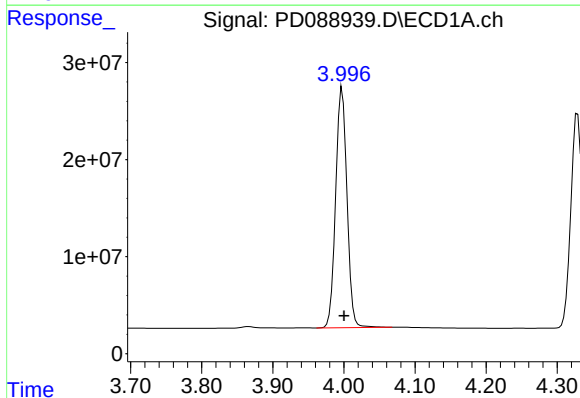
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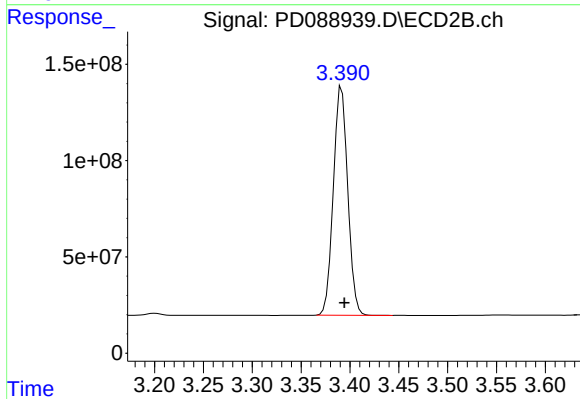
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.003 min
Response: 769263433
Conc: 50.85 ng/ml



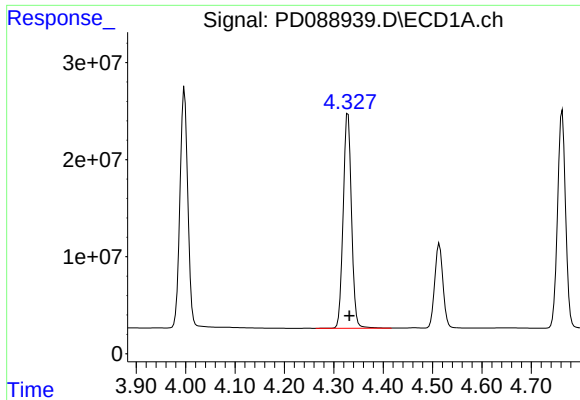
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: -0.003 min
Response: 273191091
Conc: 57.19 ng/ml



#2 alpha-BHC

R.T.: 3.392 min
Delta R.T.: -0.003 min
Response: 1220435237
Conc: 51.06 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 259259891
Conc: 56.33 ng/ml

Instrument :

ECD_D

ClientSampleId :

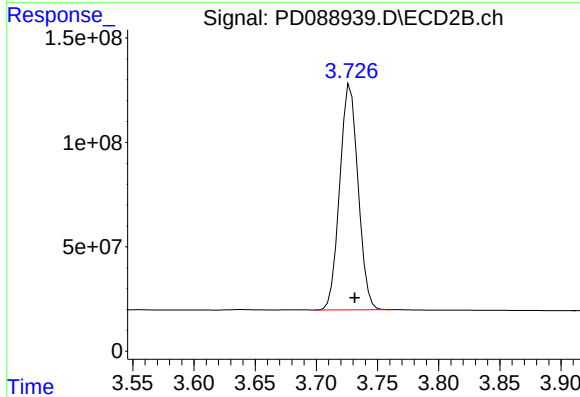
PSTDCCC050

Manual Integrations

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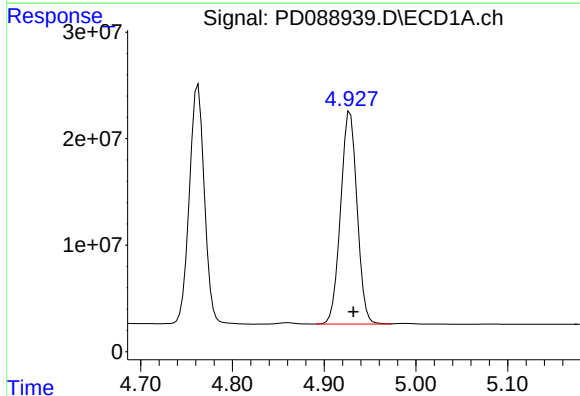
Reviewed By :Abdul Mirza 06/16/2025

Supervised By :mohammad ahmed 06/17/2025



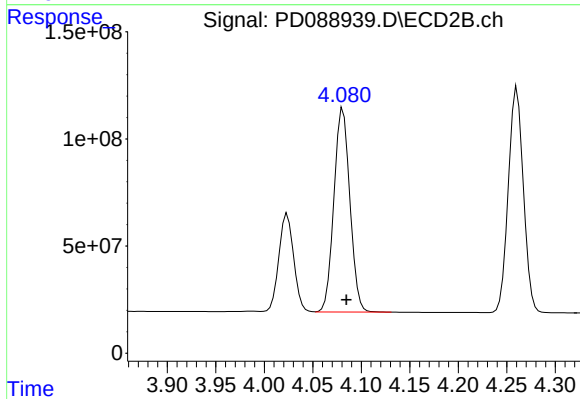
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: -0.004 min
Response: 1127950789
Conc: 50.89 ng/ml



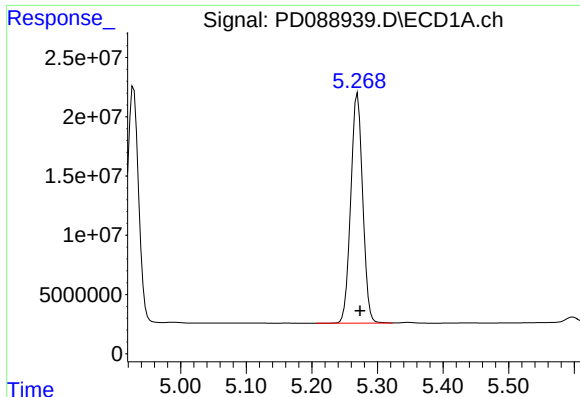
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: -0.003 min
Response: 248575739
Conc: 55.59 ng/ml



#4 Heptachlor

R.T.: 4.081 min
Delta R.T.: -0.004 min
Response: 1088375718
Conc: 48.47 ng/ml



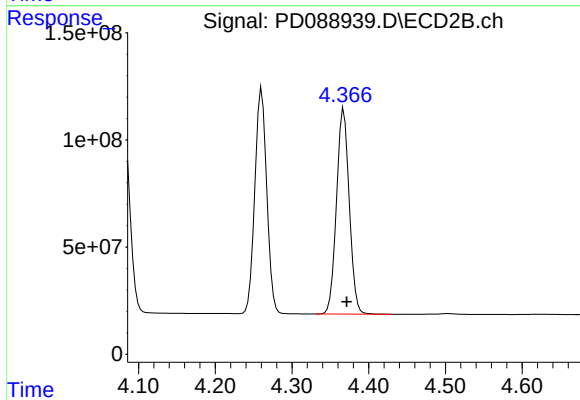
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: -0.004 min
Response: 244918925
Conc: 55.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

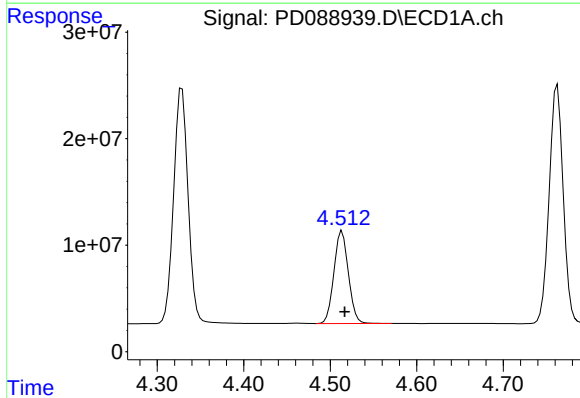
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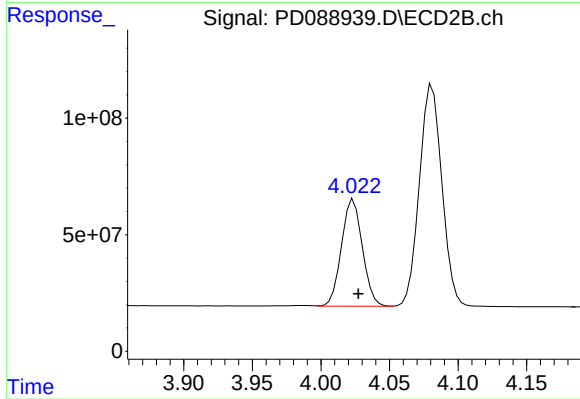
#5 Aldrin

R.T.: 4.368 min
Delta R.T.: -0.004 min
Response: 1106520128
Conc: 50.46 ng/ml



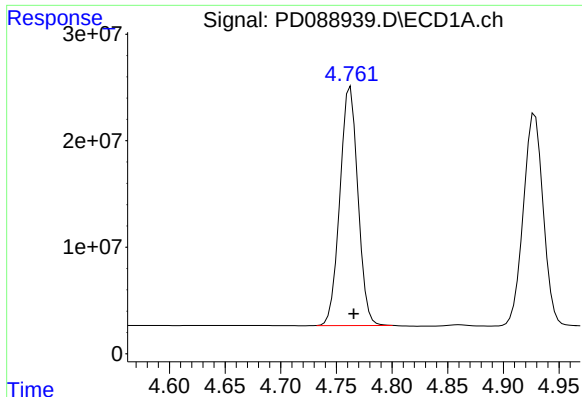
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 100593094
Conc: 55.79 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: -0.004 min
Response: 487572851
Conc: 50.05 ng/ml



#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: -0.003 min
Response: 252776820
Conc: 59.81 ng/ml

Instrument :

ECD_D

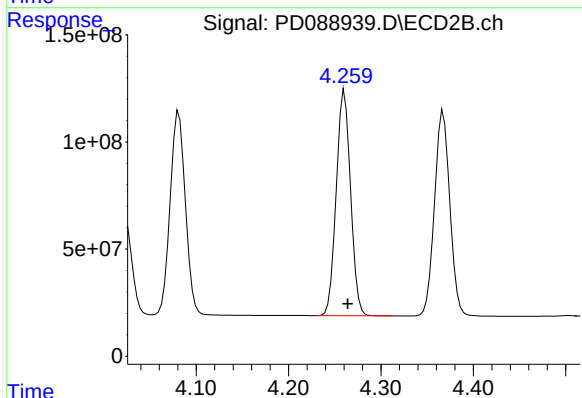
ClientSampleId :

PSTDCCC050

Manual Integrations

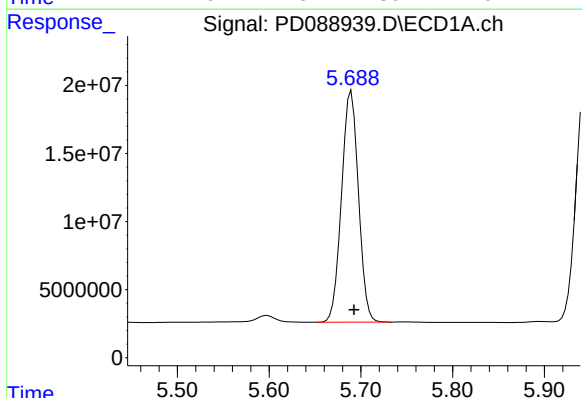
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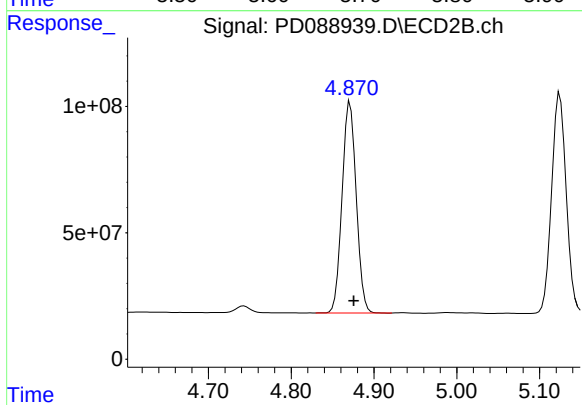
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: -0.003 min
Response: 1134459299
Conc: 50.89 ng/ml



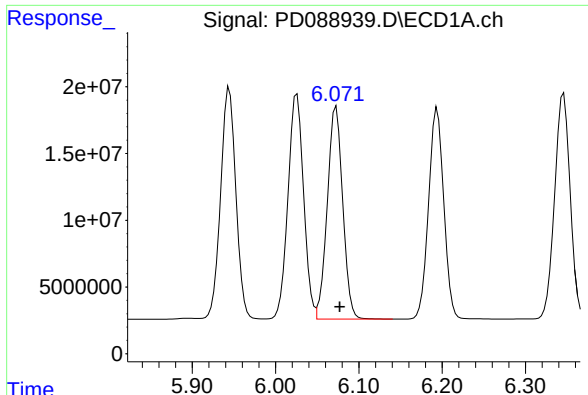
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.003 min
Response: 217324264
Conc: 54.75 ng/ml



#8 Heptachlor epoxide

R.T.: 4.871 min
Delta R.T.: -0.004 min
Response: 993828129
Conc: 50.01 ng/ml



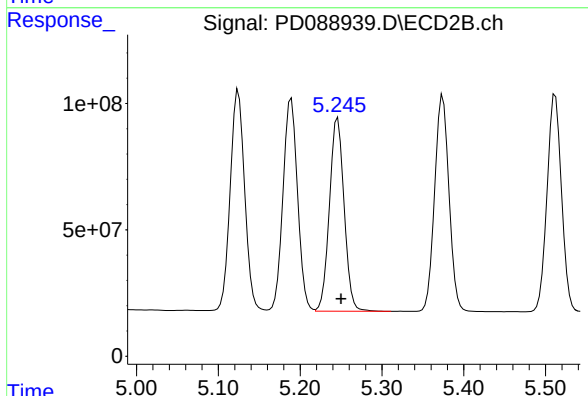
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: -0.004 min
Response: 205159028
Conc: 54.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

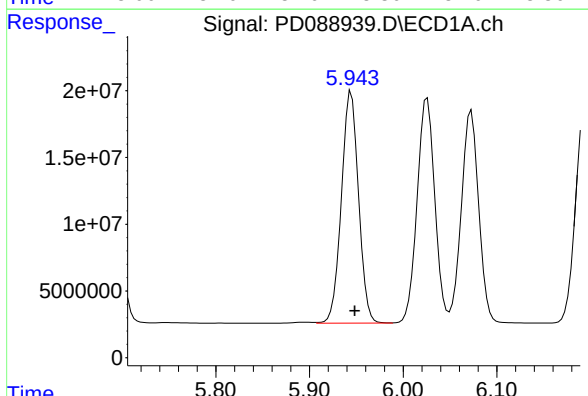
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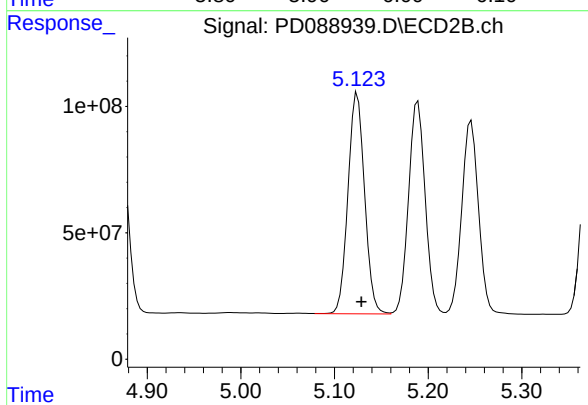
#9 Endosulfan I

R.T.: 5.246 min
Delta R.T.: -0.004 min
Response: 954476907
Conc: 50.29 ng/ml



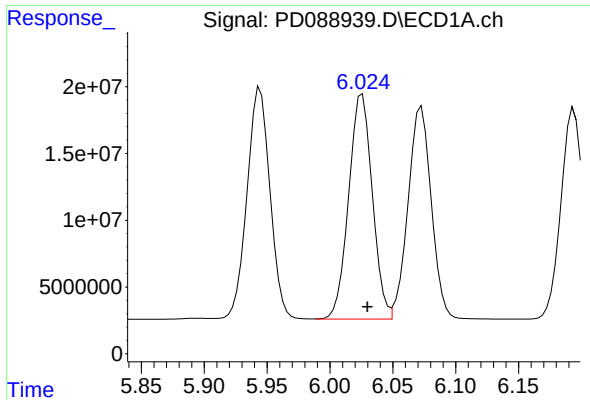
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: -0.004 min
Response: 221062306
Conc: 55.42 ng/ml



#10 gamma-Chlordane

R.T.: 5.125 min
Delta R.T.: -0.004 min
Response: 1076778468
Conc: 50.48 ng/ml



#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: -0.004 min
Response: 220546936
Conc: 55.05 ng/ml

Instrument :

ECD_D

ClientSampleId :

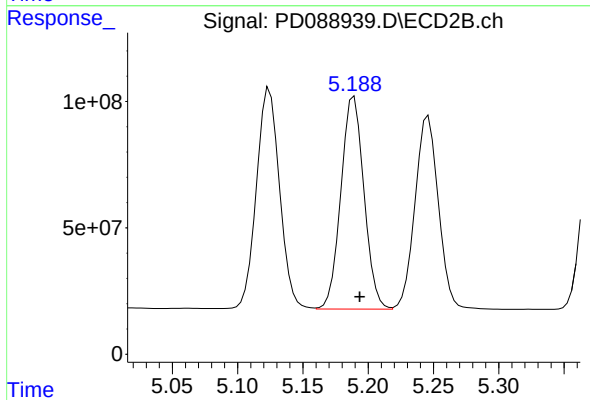
PSTDCCC050

Manual Integrations

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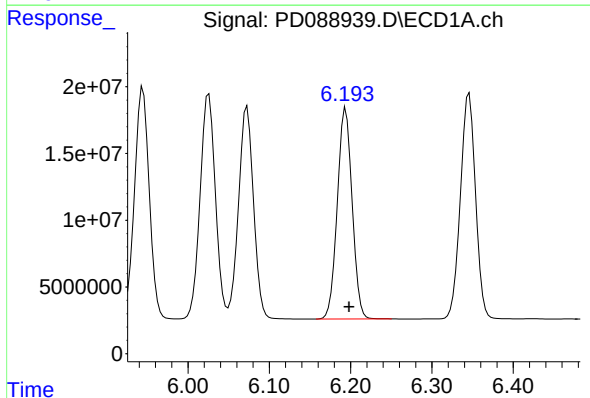
Reviewed By :Abdul Mirza 06/16/2025

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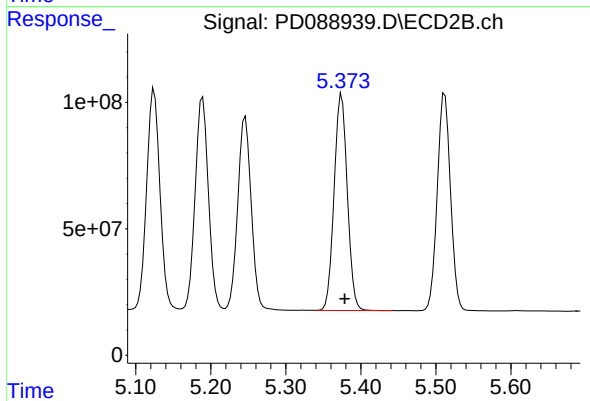
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.004 min
Response: 1034766876
Conc: 50.17 ng/ml



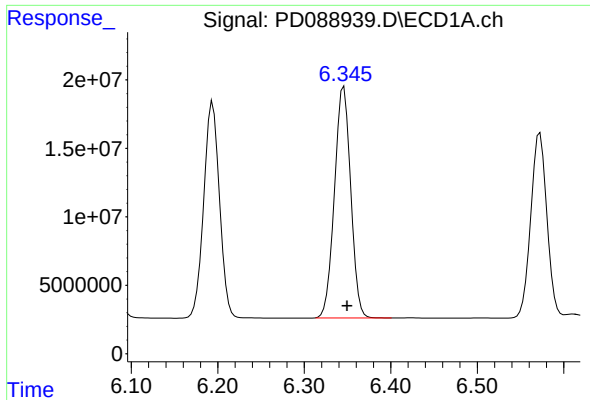
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.004 min
Response: 200077169
Conc: 55.74 ng/ml



#12 4,4'-DDE

R.T.: 5.374 min
Delta R.T.: -0.004 min
Response: 1047078457
Conc: 50.09 ng/ml



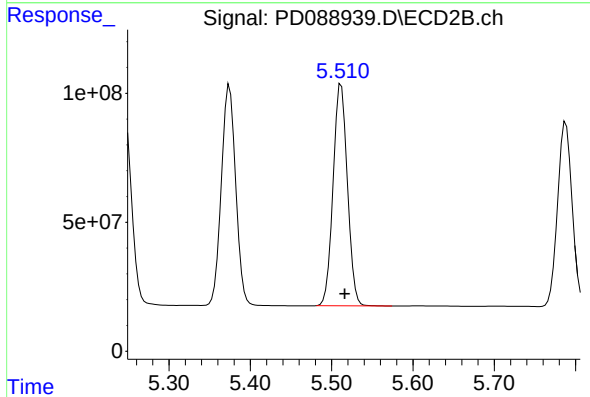
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.004 min
Response: 219426456
Conc: 54.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

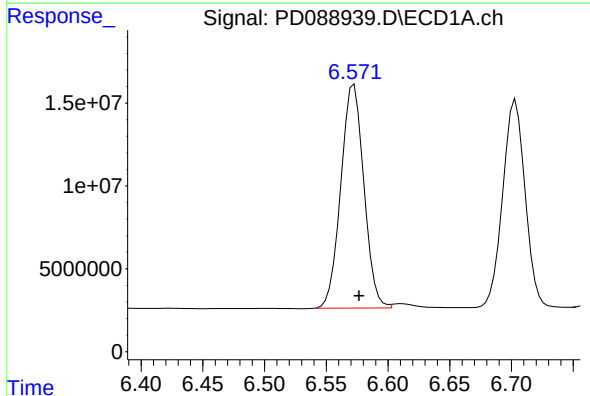
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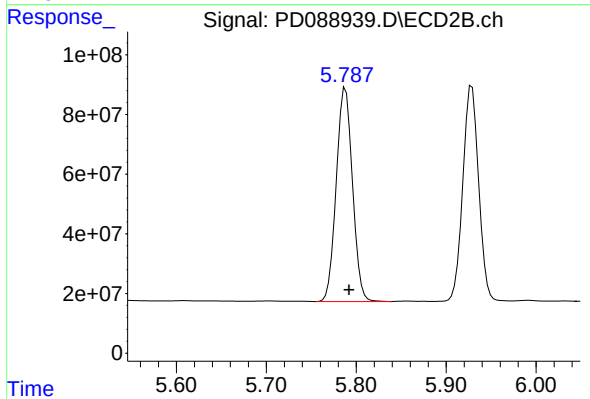
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: -0.004 min
Response: 1053835880
Conc: 50.08 ng/ml



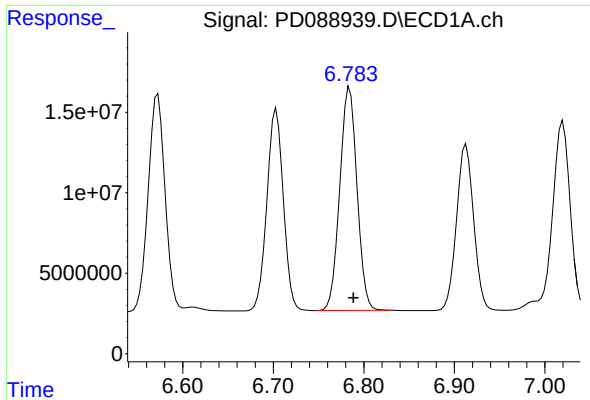
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.004 min
Response: 175108757
Conc: 51.27 ng/ml



#14 Endrin

R.T.: 5.788 min
Delta R.T.: -0.004 min
Response: 898755814
Conc: 46.61 ng/ml



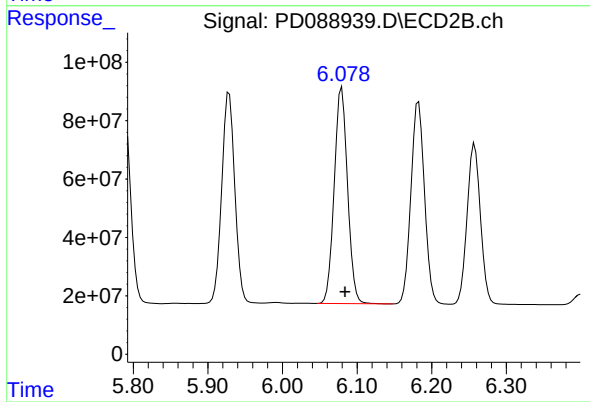
#15 Endosulfan II

R.T.: 6.784 min
Delta R.T.: -0.004 min
Response: 183650660
Conc: 53.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

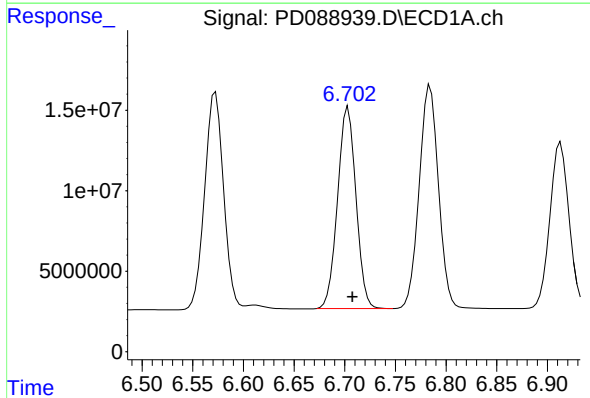
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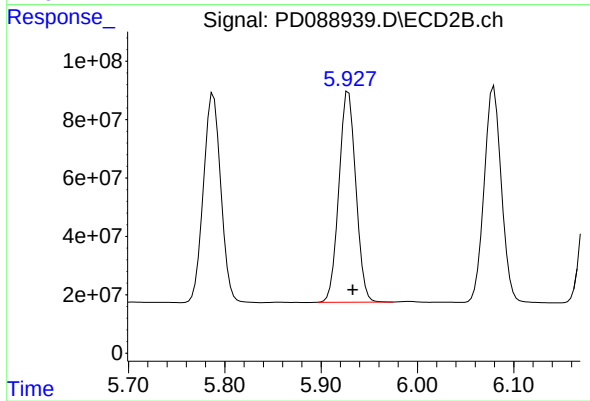
#15 Endosulfan II

R.T.: 6.079 min
Delta R.T.: -0.004 min
Response: 920211628
Conc: 50.22 ng/ml



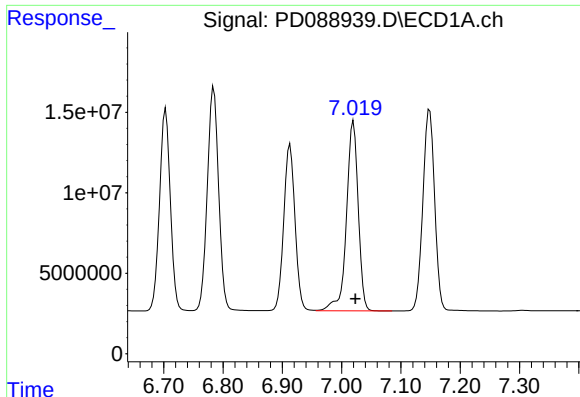
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: -0.004 min
Response: 158068436
Conc: 56.76 ng/ml



#16 4,4'-DDD

R.T.: 5.929 min
Delta R.T.: -0.004 min
Response: 880555052
Conc: 50.63 ng/ml



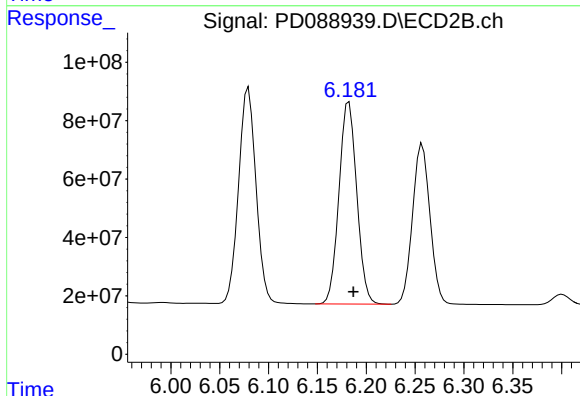
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.003 min
Response: 162812937
Conc: 52.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

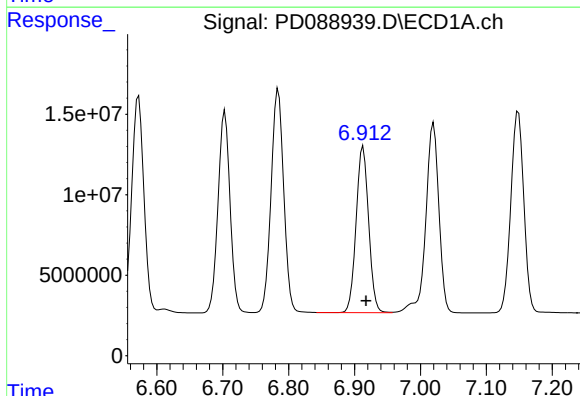
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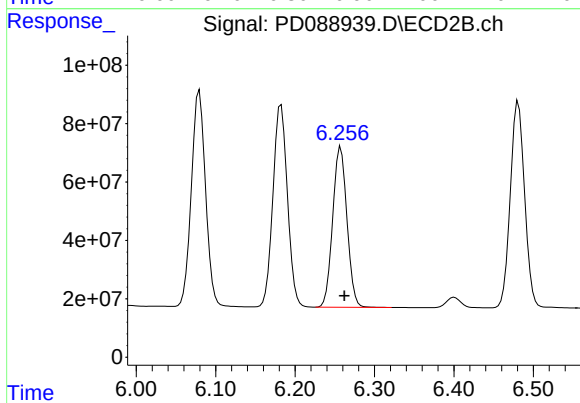
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.005 min
Response: 878219493
Conc: 48.42 ng/ml



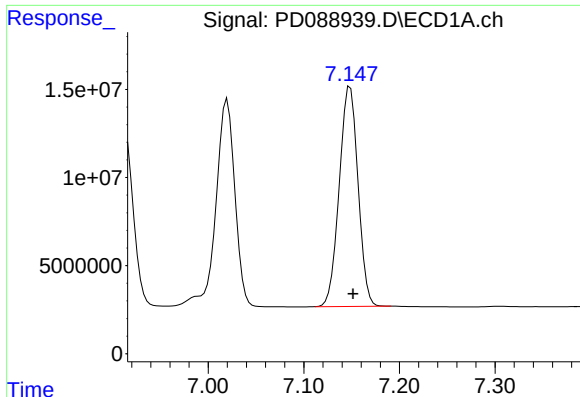
#18 Endrin aldehyde

R.T.: 6.913 min
Delta R.T.: -0.004 min
Response: 136205840
Conc: 52.90 ng/ml



#18 Endrin aldehyde

R.T.: 6.258 min
Delta R.T.: -0.005 min
Response: 684922366
Conc: 49.17 ng/ml



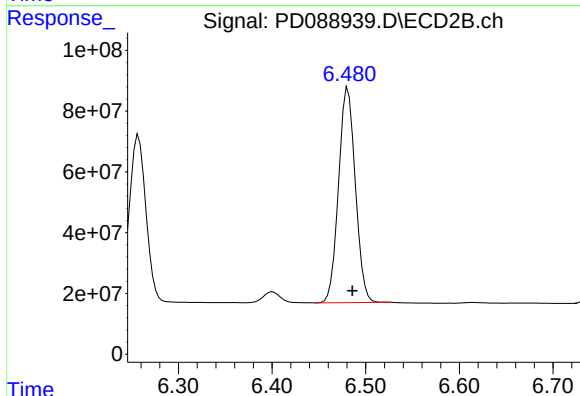
#19 Endosulfan Sulfate

R.T.: 7.148 min
Delta R.T.: -0.003 min
Response: 170739804
Conc: 53.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

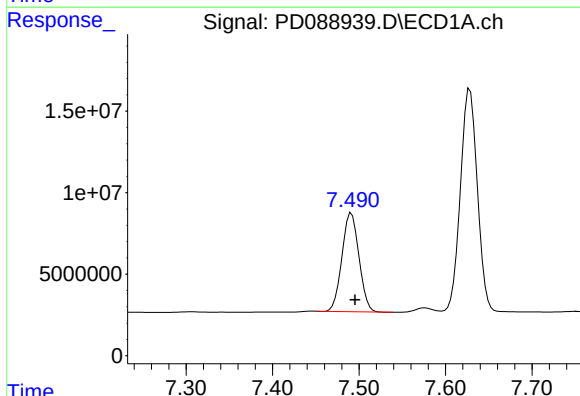
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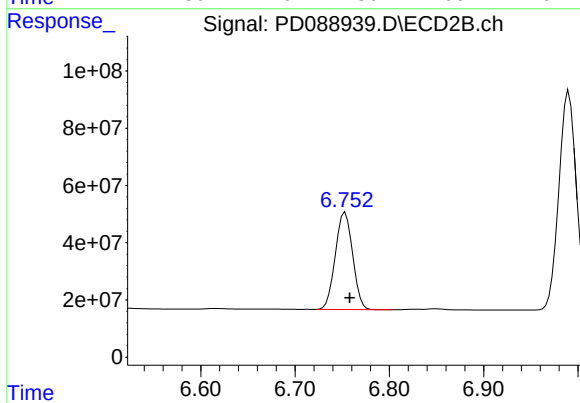
#19 Endosulfan Sulfate

R.T.: 6.481 min
Delta R.T.: -0.005 min
Response: 882214287
Conc: 49.69 ng/ml



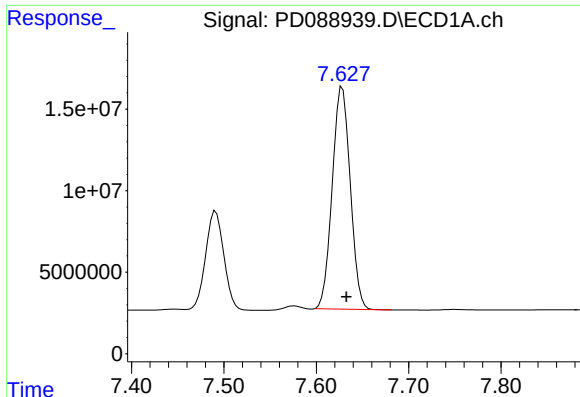
#20 Methoxychlor

R.T.: 7.491 min
Delta R.T.: -0.004 min
Response: 82254694
Conc: 49.24 ng/ml



#20 Methoxychlor

R.T.: 6.753 min
Delta R.T.: -0.005 min
Response: 434435332
Conc: 45.37 ng/ml



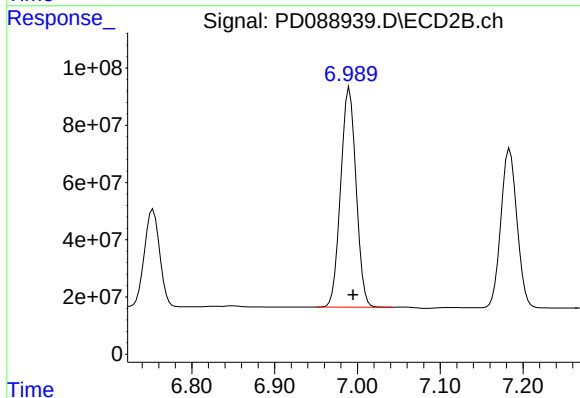
#21 Endrin ketone

R.T.: 7.628 min
Delta R.T.: -0.004 min
Response: 184862591
Conc: 54.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

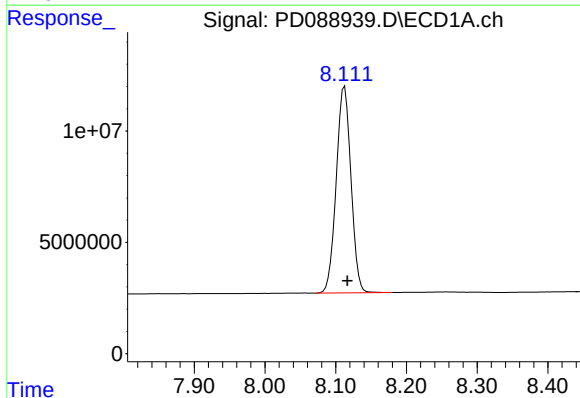
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/16/2025
Supervised By :mohammad ahmed 06/17/2025



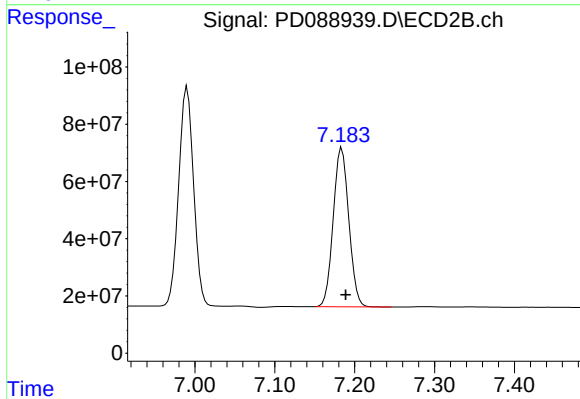
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.005 min
Response: 993194788
Conc: 51.33 ng/ml



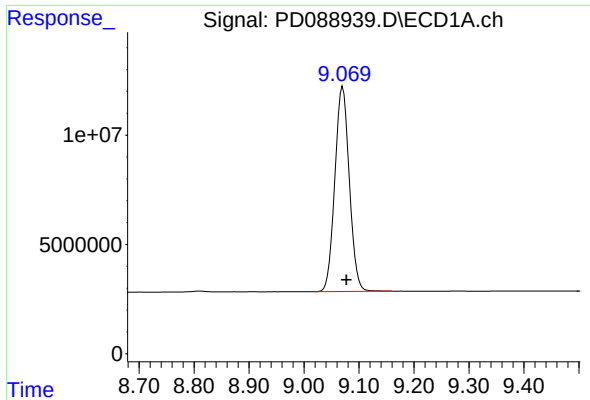
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.004 min
Response: 134218126
Conc: 51.66 ng/ml



#22 Mirex

R.T.: 7.184 min
Delta R.T.: -0.005 min
Response: 751219925
Conc: 49.41 ng/ml



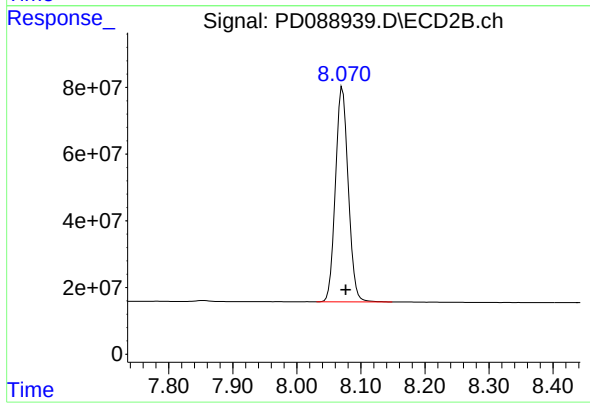
#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: -0.007 min
Response: 171463594
Conc: 50.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: -0.005 min
Response: 893042360
Conc: 48.92 ng/ml