

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070925\
 Data File : PD089425.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jul 2025 20:09
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/10/2025
 Supervised By : mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 01:48:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 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	2.881	133.7E6	853.9E6	46.861	50.367
28)	SA Decachlor...	9.071	8.071	203.2E6	1075.9E6	51.743	54.420
Target Compounds							
2)	A alpha-BHC	3.999	3.393	280.3E6	1350.7E6	48.087	50.406
3)	MA gamma-BHC...	4.330	3.728	267.2E6	1245.7E6	47.870	50.318m
4)	MA Heptachlor	4.929	4.082	258.4E6	1236.4E6	47.396	49.381
5)	MB Aldrin	5.270	4.368	251.3E6	1216.0E6	47.296	50.213
6)	B beta-BHC	4.515	4.025	103.1E6	534.4E6	46.699	49.727
7)	B delta-BHC	4.764	4.261	258.4E6	1253.2E6	50.341	50.383
8)	B Heptachlo...	5.690	4.872	222.3E6	1118.2E6	46.080	51.062
9)	A Endosulfan I	6.074	5.246	207.6E6	1041.5E6	46.064	49.971
10)	B gamma-Chl...	5.945	5.124	222.0E6	1190.9E6	46.362	49.783
11)	B alpha-Chl...	6.026	5.189	222.9E6	1133.4E6	46.073	49.501
12)	B 4,4'-DDE	6.195	5.374	200.1E6	1135.2E6	45.887	49.536
13)	MA Dieldrin	6.345	5.512	222.0E6	1146.2E6	46.271	49.388
14)	MA Endrin	6.573	5.788	182.7E6	1036.8E6	44.280	47.748
15)	B Endosulfa...	6.785	6.079	185.0E6	979.6E6	45.824	48.503
16)	A 4,4'-DDD	6.704	5.928	158.8E6	946.7E6	46.272	49.491
17)	MA 4,4'-DDT	7.020	6.182	168.8E6	968.9E6	44.556	47.776
18)	B Endrin al...	6.914	6.258	135.3E6	726.2E6	44.152	47.431
19)	B Endosulfa...	7.148	6.481	172.6E6	951.0E6	44.987	48.468
20)	A Methoxychlor	7.491	6.753	86119716	493.7E6	42.620	45.847
21)	B Endrin ke...	7.629	6.990	184.7E6	1041.8E6	45.343	48.227
22)	Mirex	8.112	7.184	133.8E6	776.1E6	44.017	46.537

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070925\
Data File : PD089425.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 20:09
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

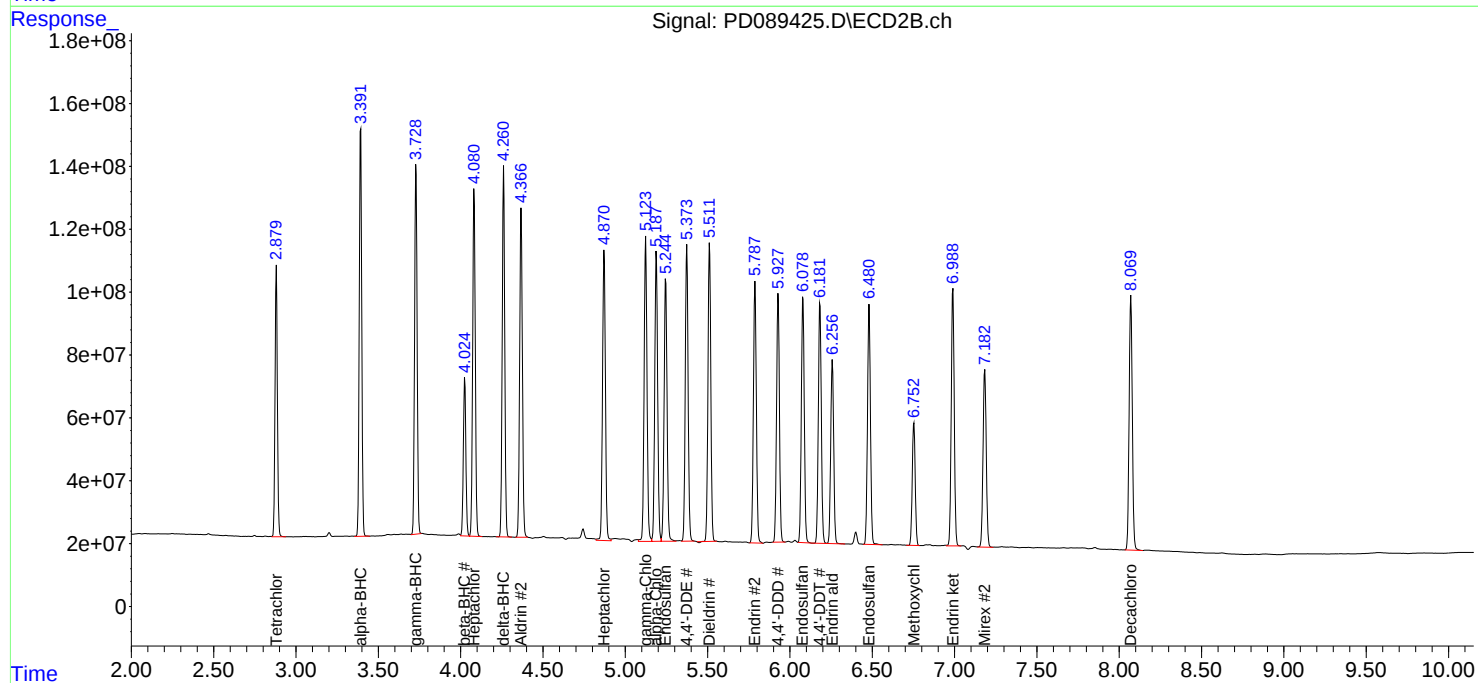
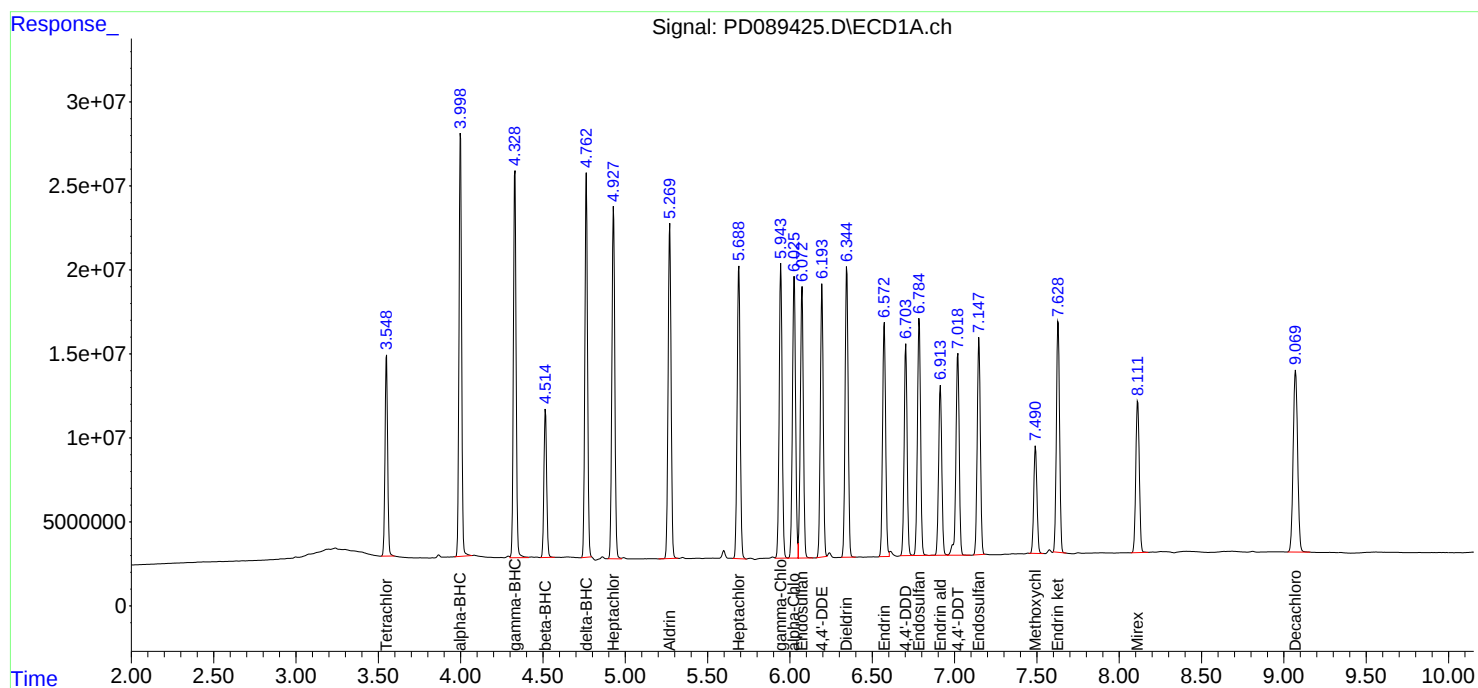
APPROVED

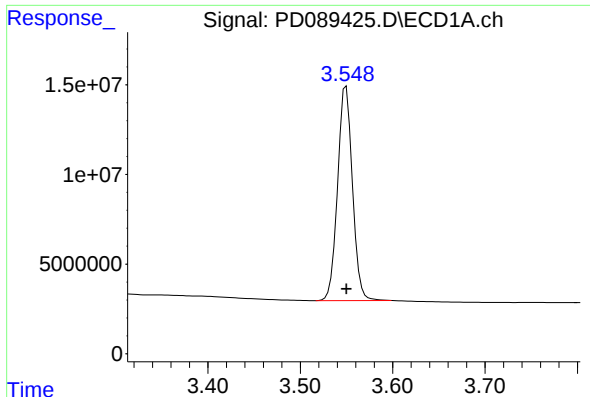
Reviewed By :Abdul Mirza 07/10/2025

Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:48:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 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





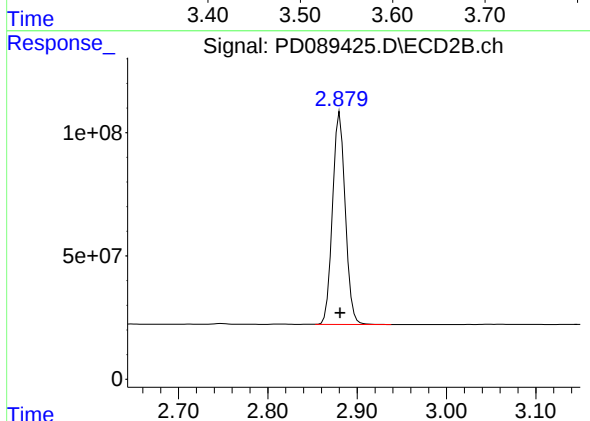
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 133700967
Conc: 46.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

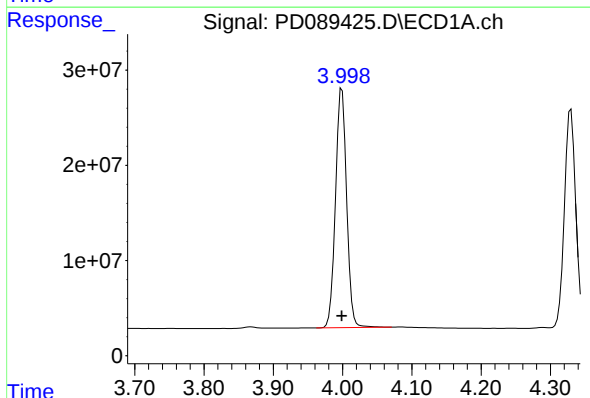
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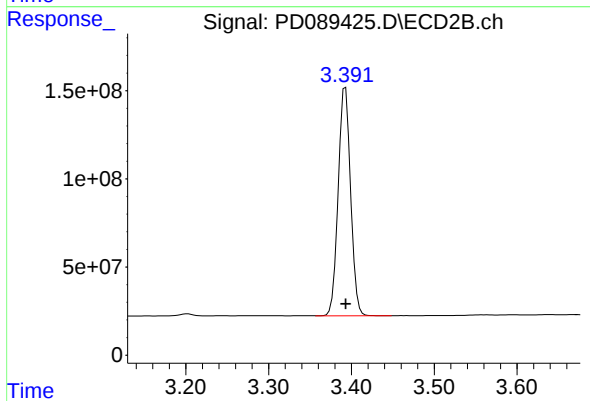
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 853883194
Conc: 50.37 ng/ml



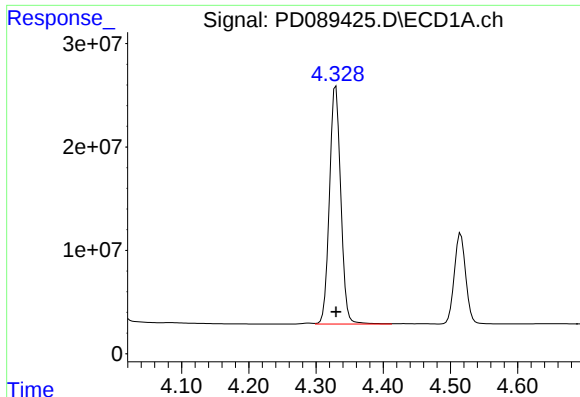
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 280305205
Conc: 48.09 ng/ml



#2 alpha-BHC

R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 1350733420
Conc: 50.41 ng/ml



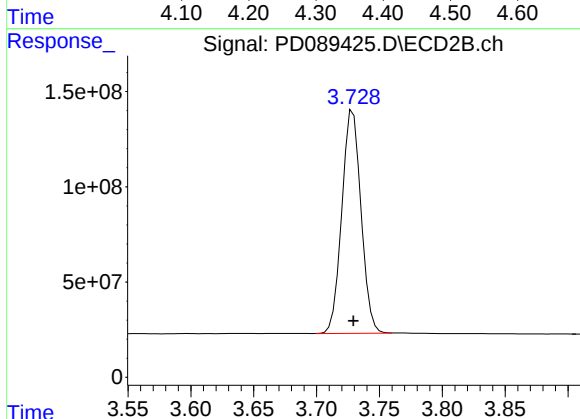
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 267192830
Conc: 47.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

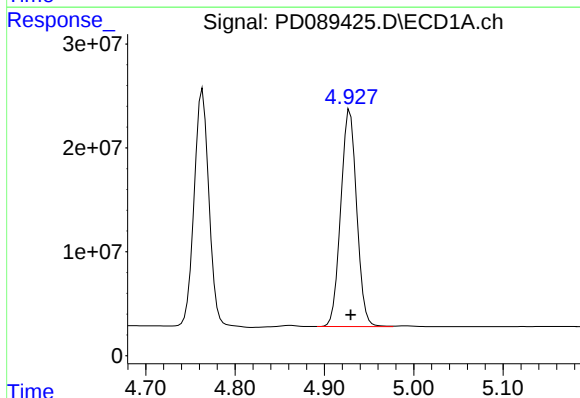
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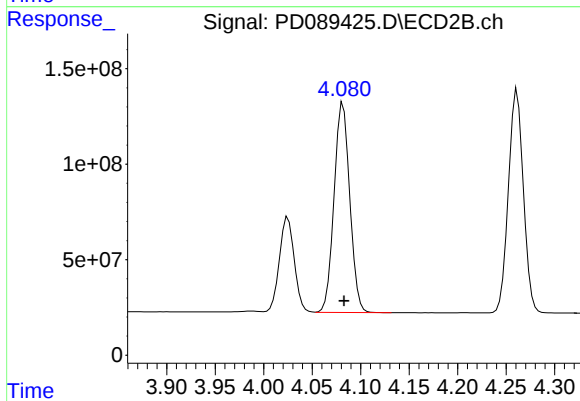
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: -0.002 min
Response: 1245726434
Conc: 50.32 ng/ml m



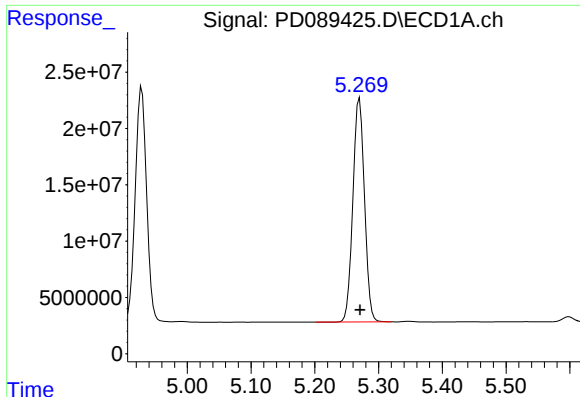
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 258402433
Conc: 47.40 ng/ml



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 1236417980
Conc: 49.38 ng/ml



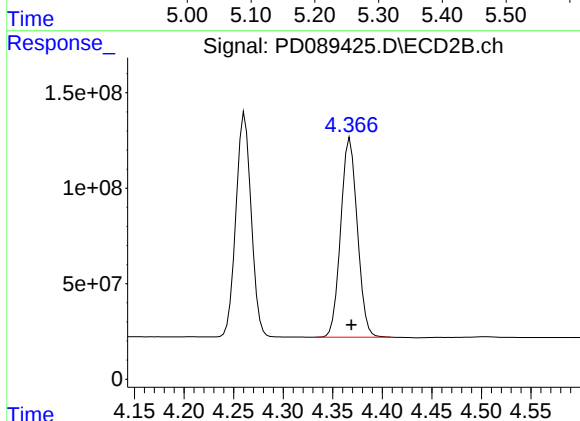
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 251280801
Conc: 47.30 ng/ml

Instrument :
ECD_D
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PSTDCCC050

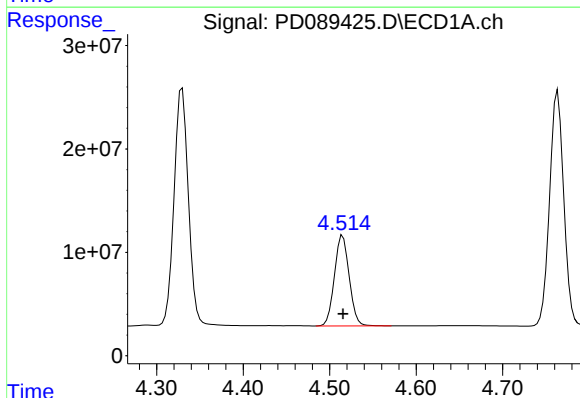
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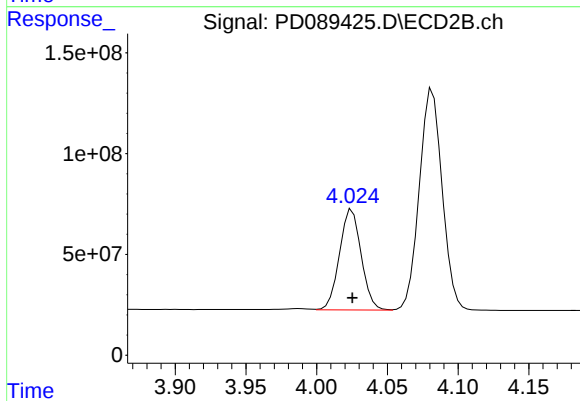
#5 Aldrin

R.T.: 4.368 min
Delta R.T.: -0.001 min
Response: 1216012932
Conc: 50.21 ng/ml



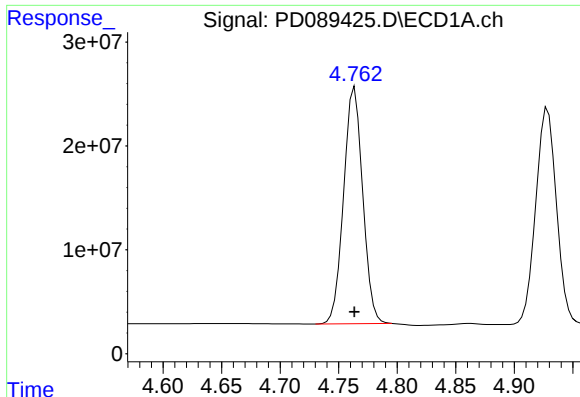
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 103071143
Conc: 46.70 ng/ml



#6 beta-BHC

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 534377790
Conc: 49.73 ng/ml



#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 258397635
Conc: 50.34 ng/ml

Instrument :

ECD_D

ClientSampleId :

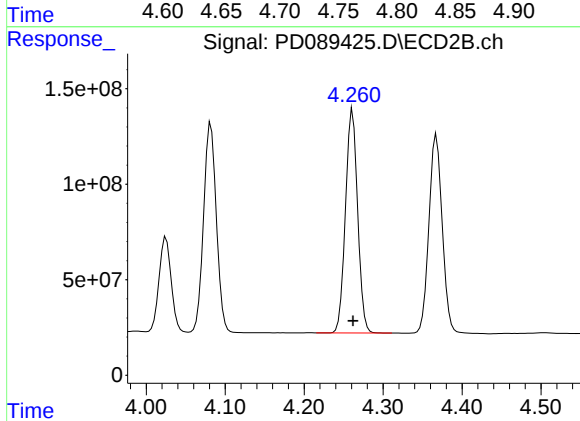
PSTDCCC050

Manual Integrations

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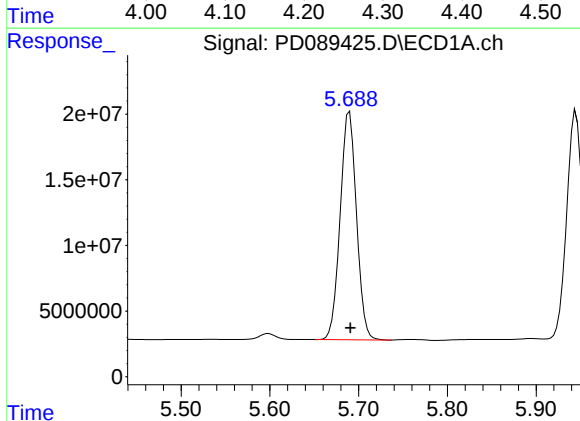
Reviewed By :Abdul Mirza 07/10/2025

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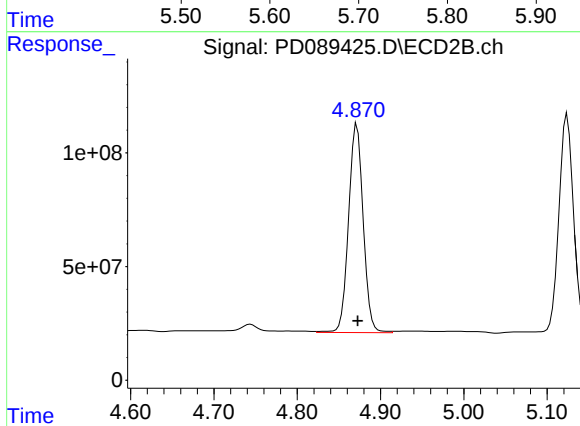
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: 0.000 min
Response: 1253205645
Conc: 50.38 ng/ml



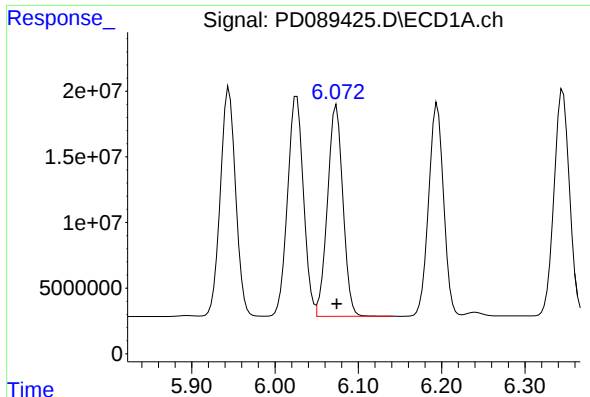
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.001 min
Response: 222288514
Conc: 46.08 ng/ml



#8 Heptachlor epoxide

R.T.: 4.872 min
Delta R.T.: -0.001 min
Response: 1118151924
Conc: 51.06 ng/ml



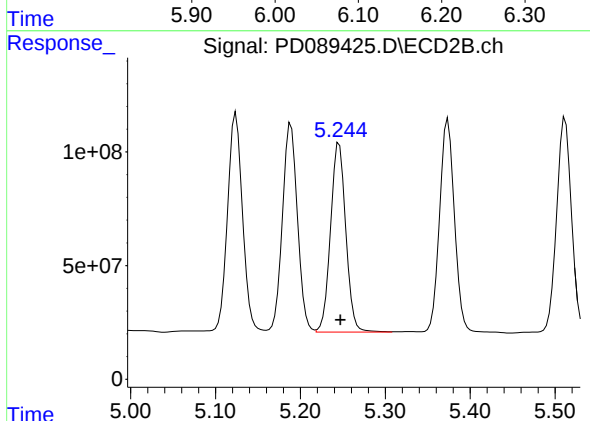
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 207632996
Conc: 46.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

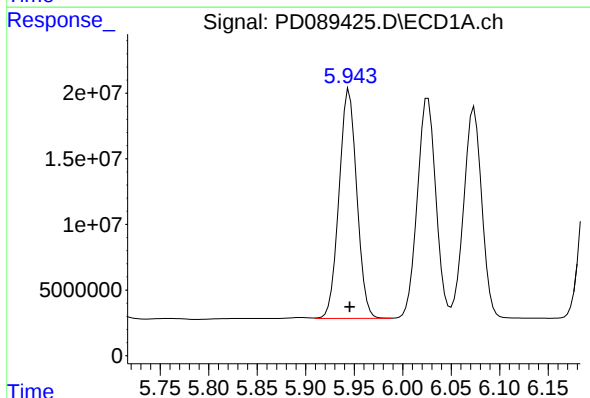
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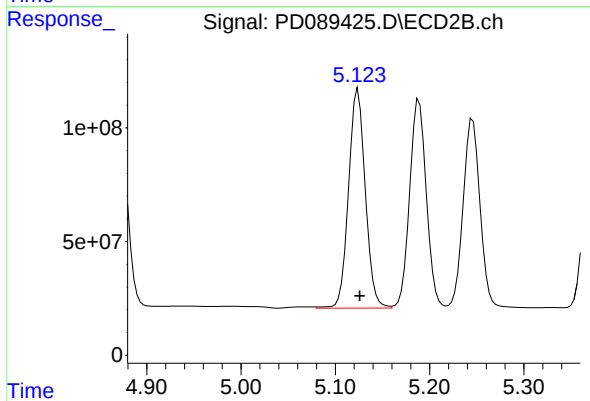
#9 Endosulfan I

R.T.: 5.246 min
Delta R.T.: -0.001 min
Response: 1041511025
Conc: 49.97 ng/ml



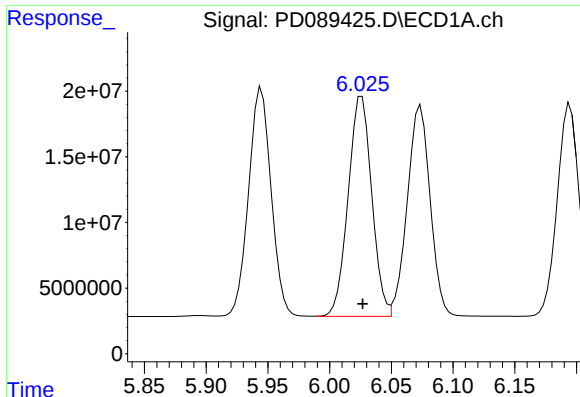
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 221984962
Conc: 46.36 ng/ml



#10 gamma-Chlordane

R.T.: 5.124 min
Delta R.T.: -0.002 min
Response: 1190942478
Conc: 49.78 ng/ml



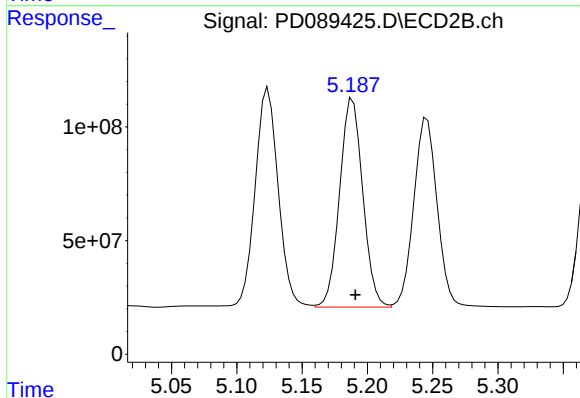
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 222925940
Conc: 46.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

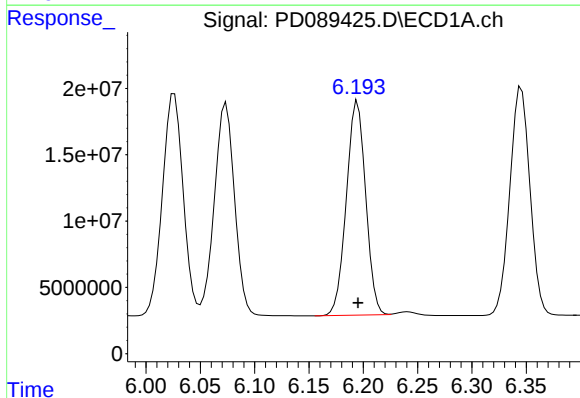
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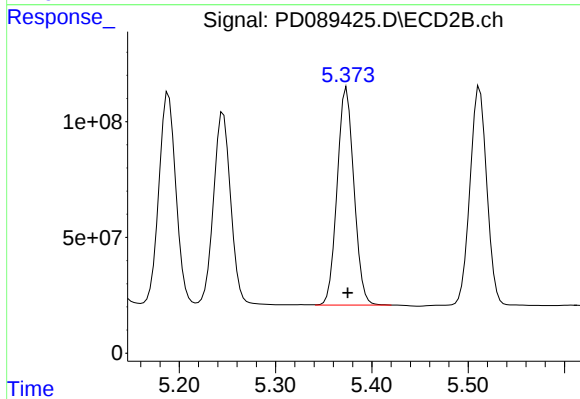
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.002 min
Response: 1133416891
Conc: 49.50 ng/ml



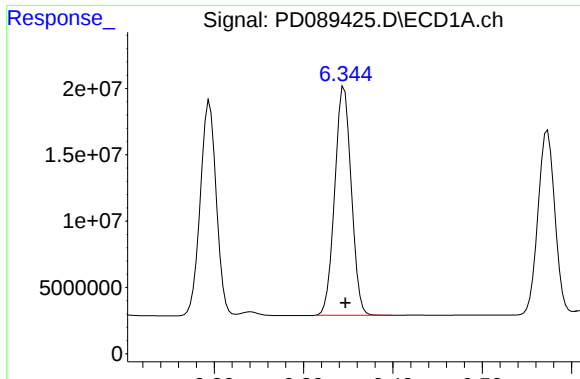
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 200113145
Conc: 45.89 ng/ml



#12 4,4'-DDE

R.T.: 5.374 min
Delta R.T.: -0.001 min
Response: 1135176958
Conc: 49.54 ng/ml



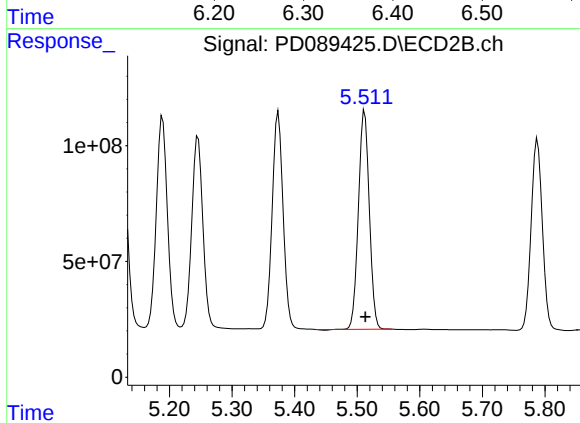
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: -0.001 min
Response: 221981547
Conc: 46.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

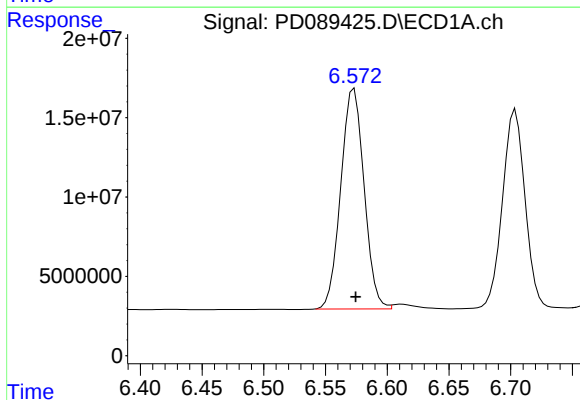
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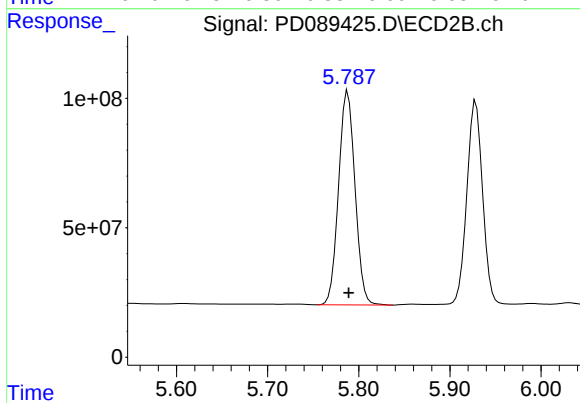
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: -0.001 min
Response: 1146220894
Conc: 49.39 ng/ml



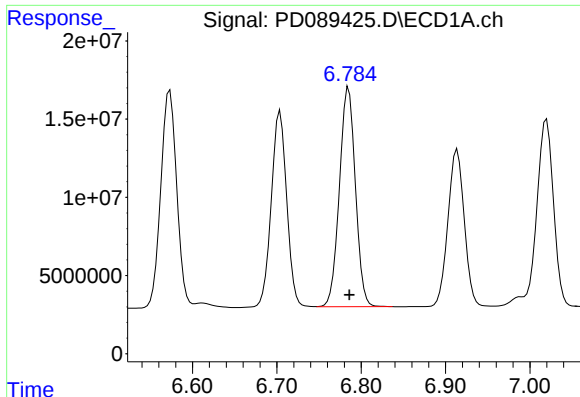
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 182679495
Conc: 44.28 ng/ml



#14 Endrin

R.T.: 5.788 min
Delta R.T.: -0.001 min
Response: 1036796587
Conc: 47.75 ng/ml



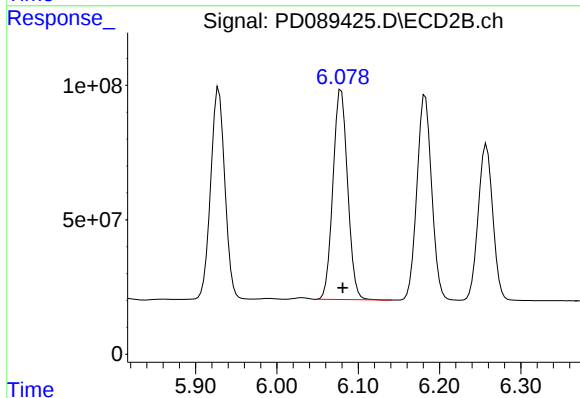
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: -0.001 min
Response: 184974182
Conc: 45.82 ng/ml

Instrument :
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ClientSampleId :
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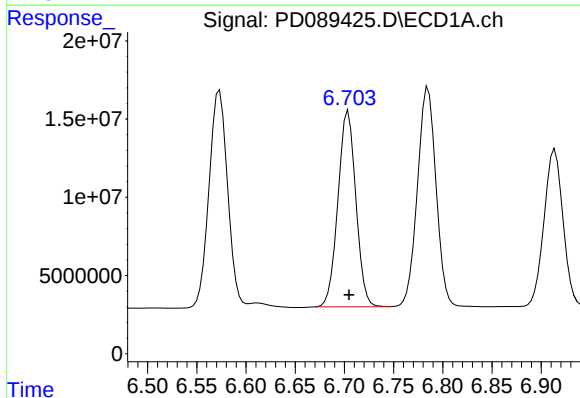
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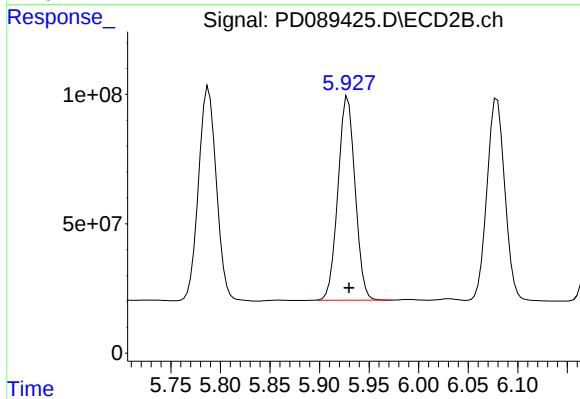
#15 Endosulfan II

R.T.: 6.079 min
Delta R.T.: -0.002 min
Response: 979599472
Conc: 48.50 ng/ml



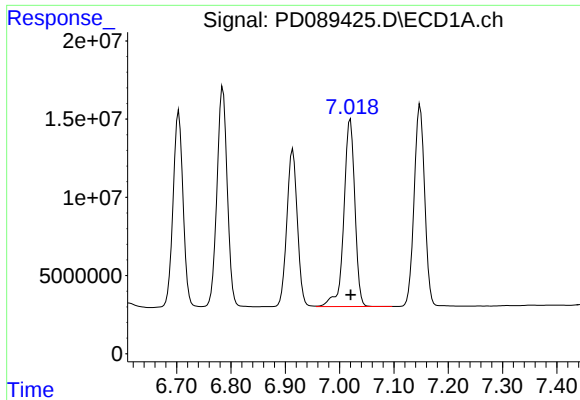
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 158807174
Conc: 46.27 ng/ml



#16 4,4'-DDD

R.T.: 5.928 min
Delta R.T.: -0.001 min
Response: 946724174
Conc: 49.49 ng/ml



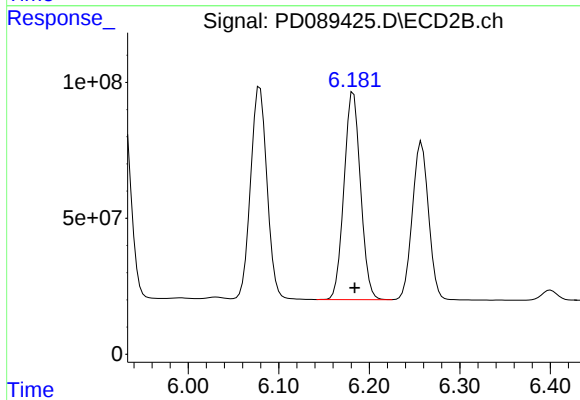
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 168786283
Conc: 44.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

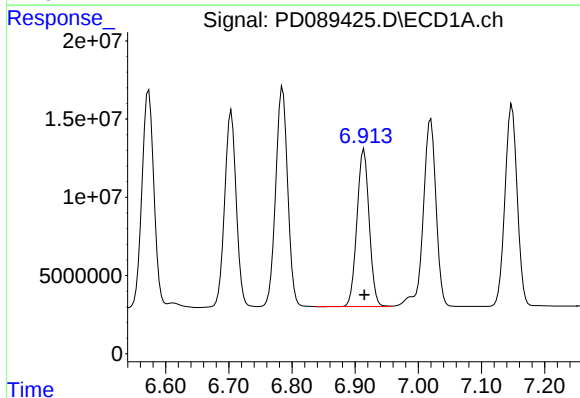
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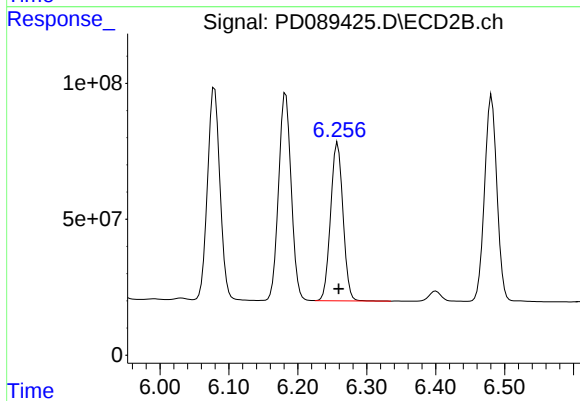
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 968869721
Conc: 47.78 ng/ml



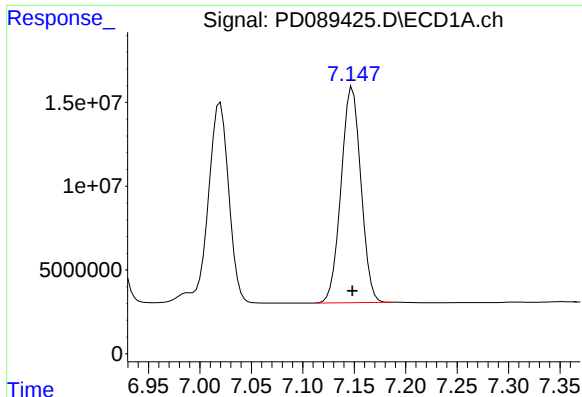
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 135277784
Conc: 44.15 ng/ml



#18 Endrin aldehyde

R.T.: 6.258 min
Delta R.T.: -0.001 min
Response: 726234536
Conc: 47.43 ng/ml



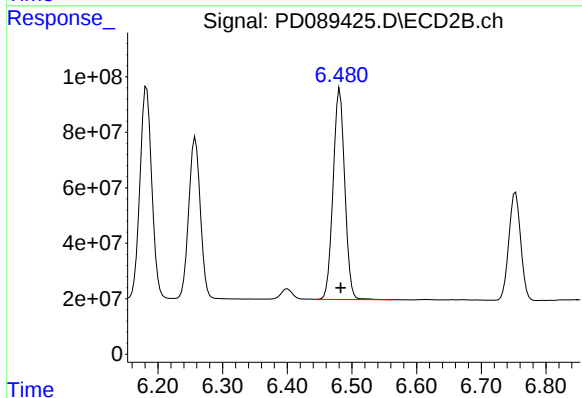
#19 Endosulfan Sulfate

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 172623186
Conc: 44.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

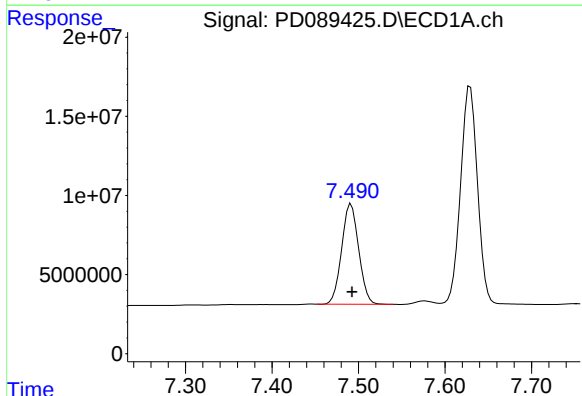
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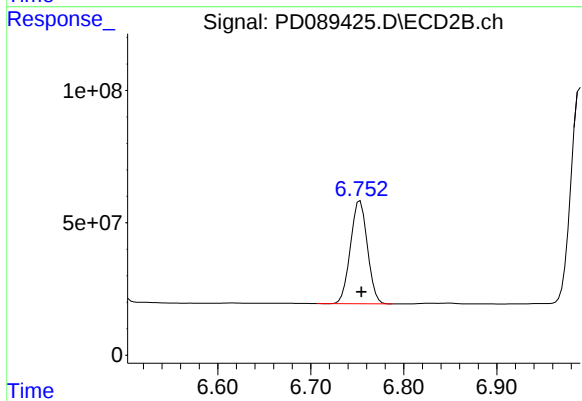
#19 Endosulfan Sulfate

R.T.: 6.481 min
Delta R.T.: -0.001 min
Response: 950995727
Conc: 48.47 ng/ml



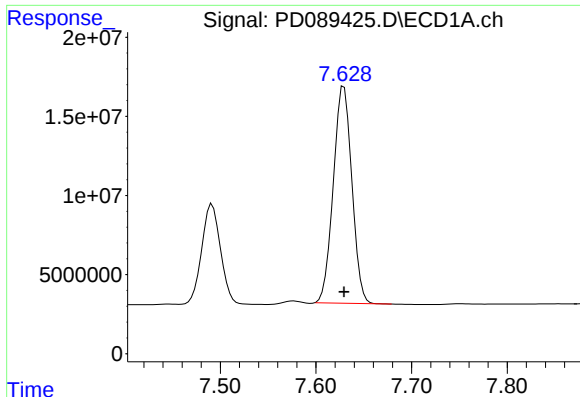
#20 Methoxychlor

R.T.: 7.491 min
Delta R.T.: -0.001 min
Response: 86119716
Conc: 42.62 ng/ml



#20 Methoxychlor

R.T.: 6.753 min
Delta R.T.: -0.001 min
Response: 493686608
Conc: 45.85 ng/ml



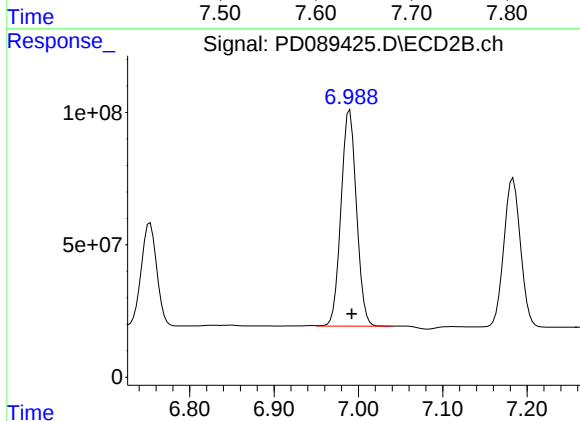
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: 0.000 min
Response: 184686523
Conc: 45.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

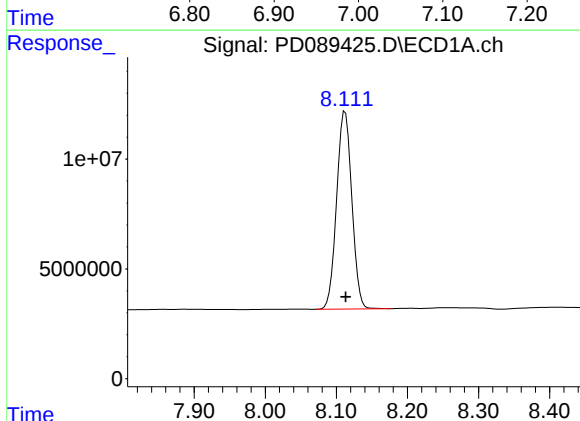
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025



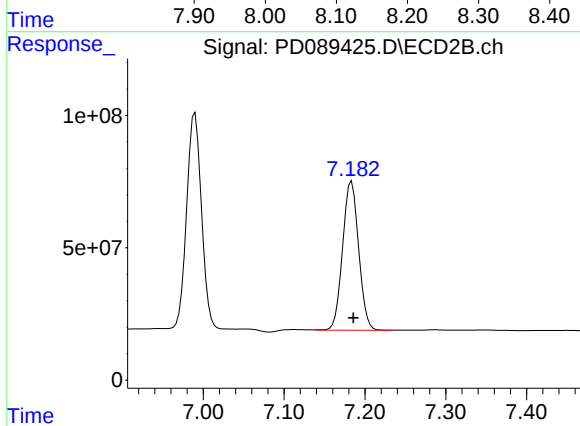
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 1041789482
Conc: 48.23 ng/ml



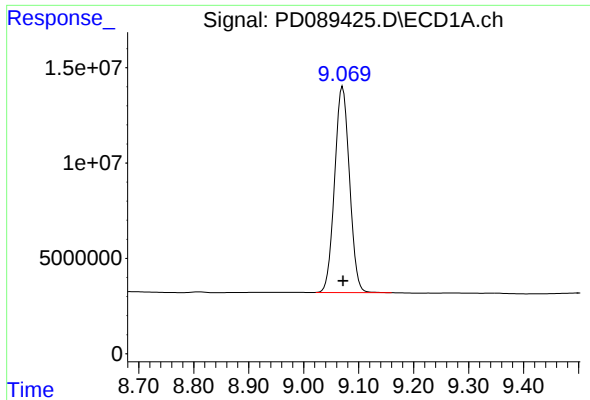
#22 Mirex

R.T.: 8.112 min
Delta R.T.: 0.000 min
Response: 133818075
Conc: 44.02 ng/ml



#22 Mirex

R.T.: 7.184 min
Delta R.T.: -0.002 min
Response: 776149365
Conc: 46.54 ng/ml



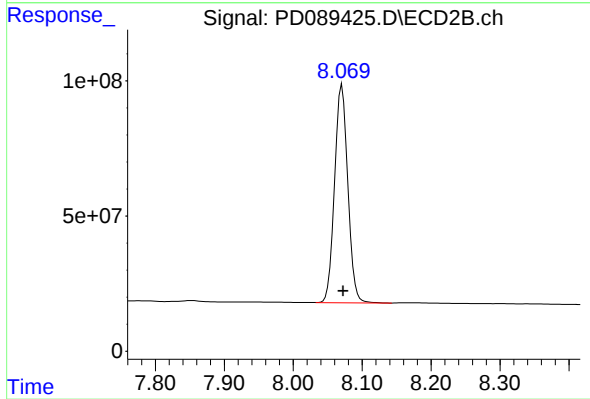
#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: -0.001 min
Response: 203226692
Conc: 51.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 07/11/2025



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: -0.002 min
Response: 1075890575
Conc: 54.42 ng/ml