

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD063025\
 Data File : PD089230.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jun 2025 09:56
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/01/2025
 Supervised By :mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 30 12:48:43 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...	3.555	2.880	149.9E6	889.6E6	52.548	52.475
28)	SA Decachlor...	9.078	8.073	191.0E6	980.9E6	48.639	49.617
Target Compounds							
2)	A alpha-BHC	4.005	3.393	310.1E6	1369.1E6	53.206	51.093
3)	MA gamma-BHC...	4.336	3.730	292.0E6	1254.2E6	52.316	50.662
4)	MA Heptachlor	4.935	4.083	273.7E6	1185.1E6	50.193	47.329
5)	MB Aldrin	5.277	4.369	278.9E6	1230.1E6	52.492	50.794
6)	B beta-BHC	4.521	4.026	112.0E6	535.7E6	50.743	49.854
7)	B delta-BHC	4.770	4.263	277.2E6	1242.6E6	53.997	49.956
8)	B Heptachlo...	5.696	4.873	245.4E6	1115.6E6	50.880	50.946
9)	A Endosulfan I	6.080	5.247	231.4E6	1024.3E6	51.347	49.144
10)	B gamma-Chl...	5.951	5.126	252.7E6	1187.7E6	52.783	49.647
11)	B alpha-Chl...	6.032	5.191	248.0E6	1133.7E6	51.255	49.511
12)	B 4,4'-DDE	6.201	5.376	222.2E6	1135.9E6	50.960	49.566
13)	MA Dieldrin	6.352	5.513	248.5E6	1149.8E6	51.792	49.544
14)	MA Endrin	6.580	5.790	193.4E6	971.0E6	46.869	44.718
15)	B Endosulfa...	6.791	6.081	207.0E6	997.0E6	51.288	49.363
16)	A 4,4'-DDD	6.710	5.930	183.2E6	950.6E6	53.377	49.692
17)	MA 4,4'-DDT	7.026	6.184	161.9E6	851.4E6	42.729	41.986
18)	B Endrin al...	6.920	6.260	151.0E6	739.0E6	49.279	48.266
19)	B Endosulfa...	7.155	6.483	190.5E6	945.7E6	49.653	48.196
20)	A Methoxychlor	7.498	6.755	116.9E6	597.3E6	57.872	55.467
21)	B Endrin ke...	7.634	6.992	209.1E6	1077.8E6	51.330m	49.893
22)	Mirex	8.118	7.186	149.8E6	811.5E6	49.272	48.658

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD063025\
Data File : PD089230.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jun 2025 09:56
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

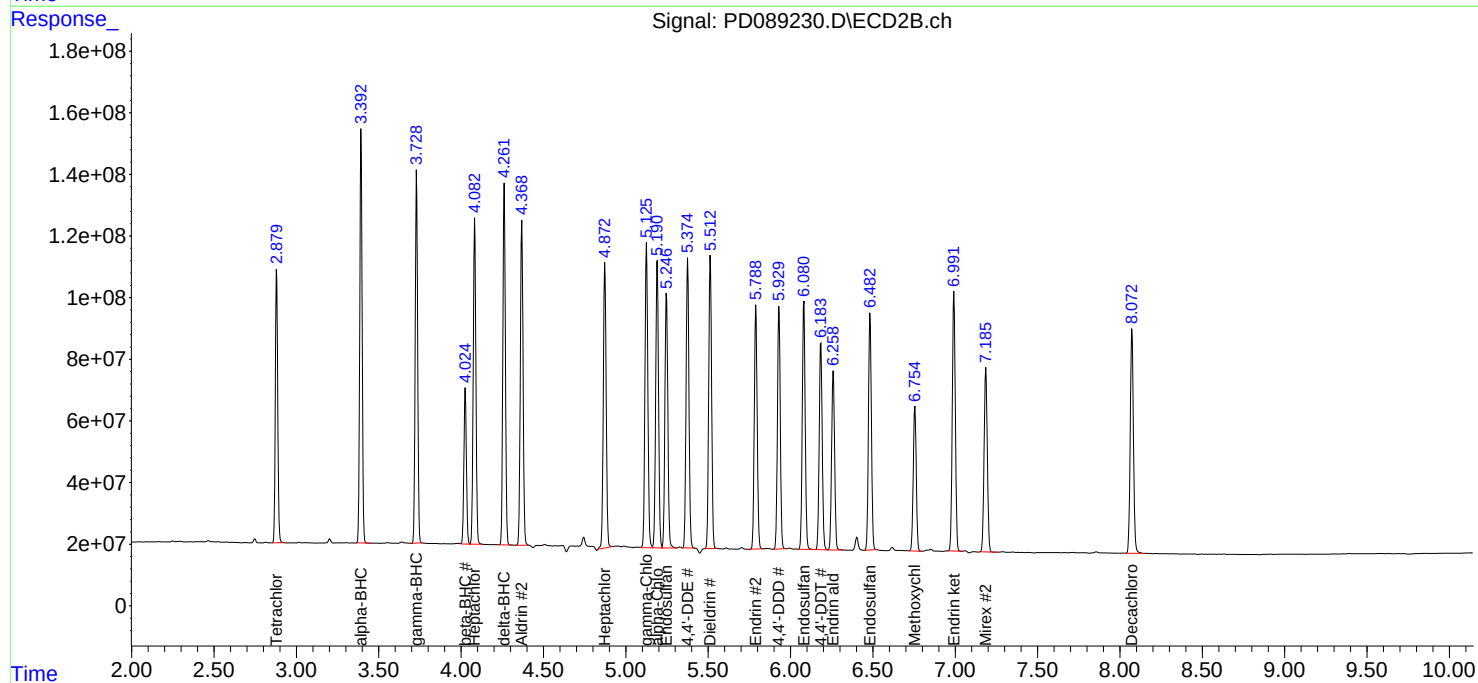
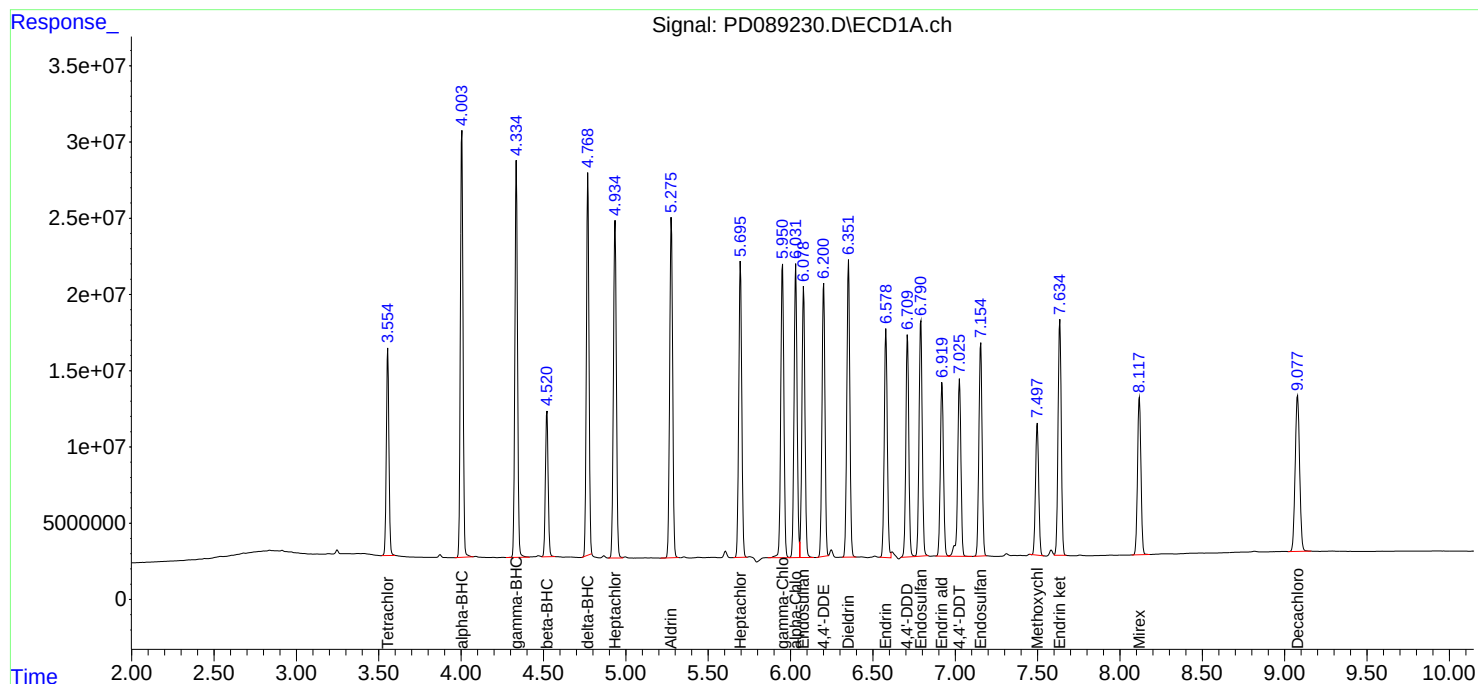
APPROVED

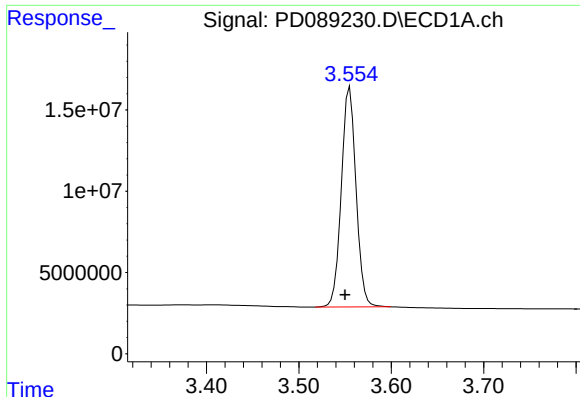
Reviewed By :Abdul Mirza 07/01/2025

Supervised By :mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 30 12:48:43 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





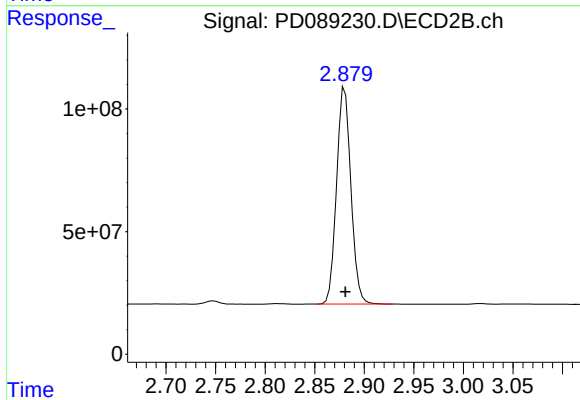
#1 Tetrachloro-m-xylene

R.T.: 3.555 min
Delta R.T.: 0.005 min
Response: 149925708
Conc: 52.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

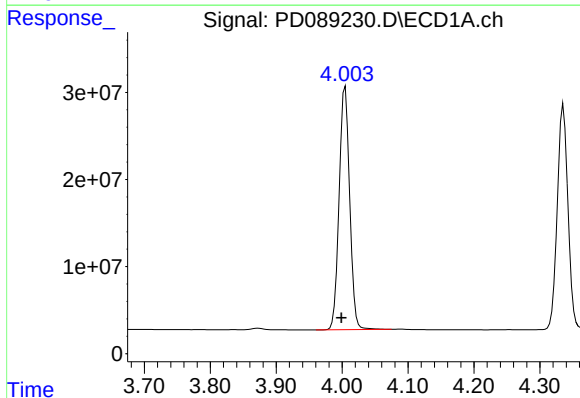
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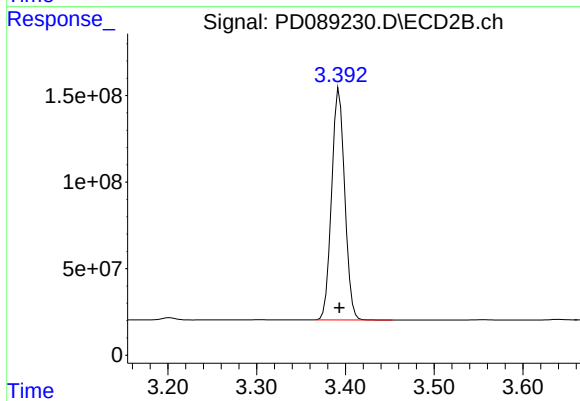
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.000 min
Response: 889617235
Conc: 52.47 ng/ml



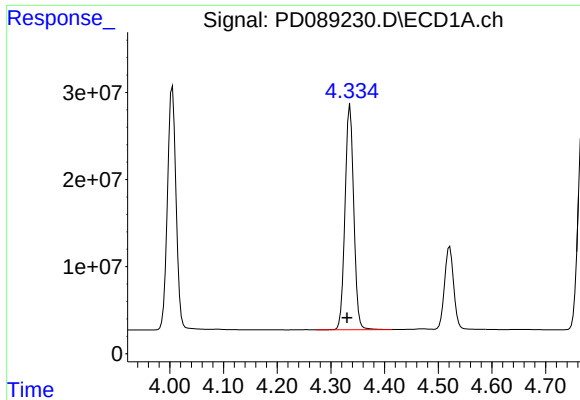
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.006 min
Response: 310144067
Conc: 53.21 ng/ml



#2 alpha-BHC

R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 1369146837
Conc: 51.09 ng/ml



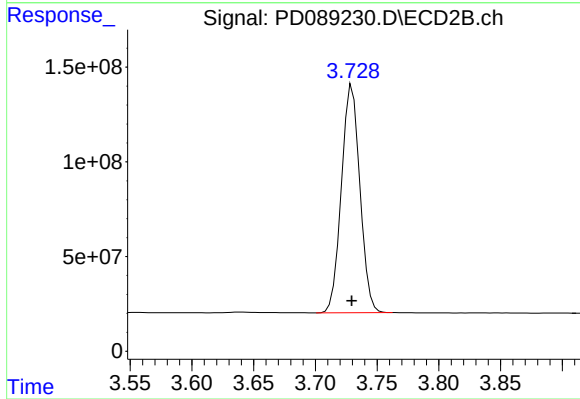
#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: 0.006 min
Response: 292008795
Conc: 52.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

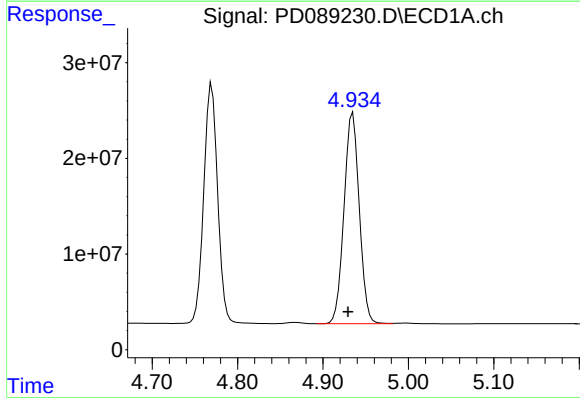
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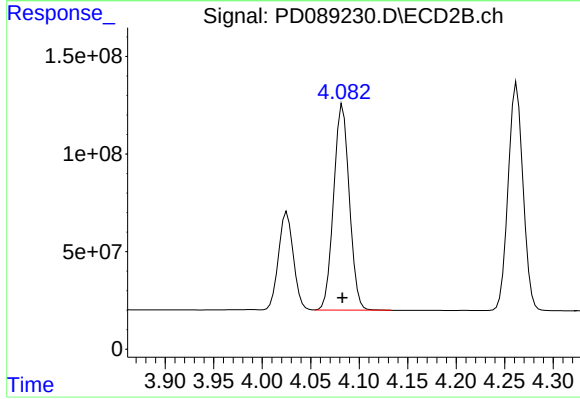
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: 0.000 min
Response: 1254236308
Conc: 50.66 ng/ml



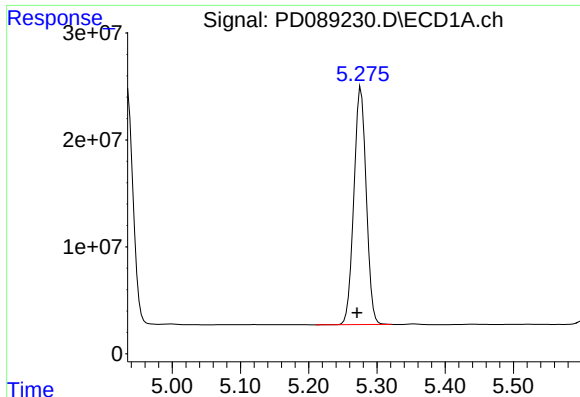
#4 Heptachlor

R.T.: 4.935 min
Delta R.T.: 0.006 min
Response: 273652610
Conc: 50.19 ng/ml



#4 Heptachlor

R.T.: 4.083 min
Delta R.T.: 0.000 min
Response: 1185053593
Conc: 47.33 ng/ml



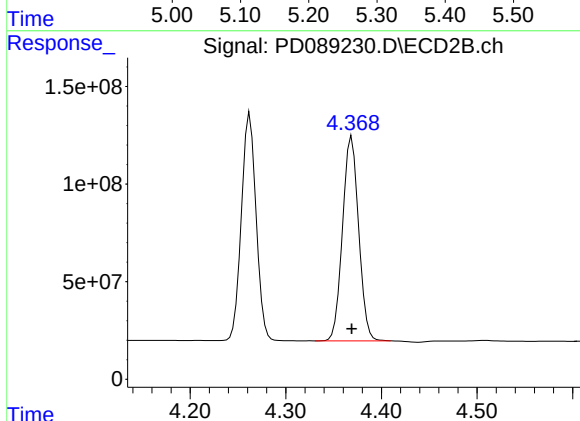
#5 Aldrin

R.T.: 5.277 min
Delta R.T.: 0.006 min
Response: 278886915
Conc: 52.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

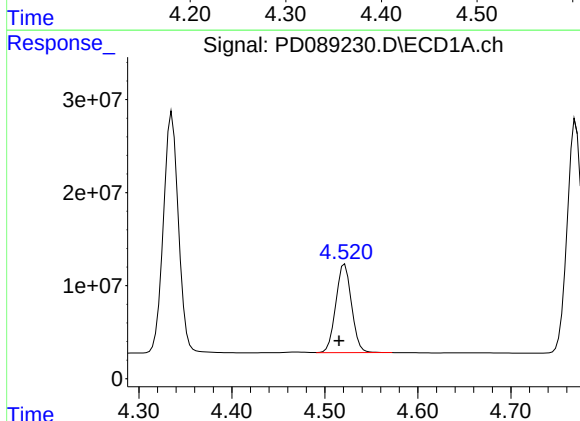
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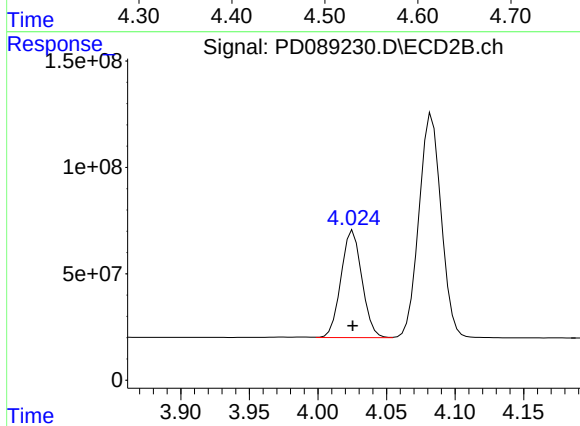
#5 Aldrin

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 1230094818
Conc: 50.79 ng/ml



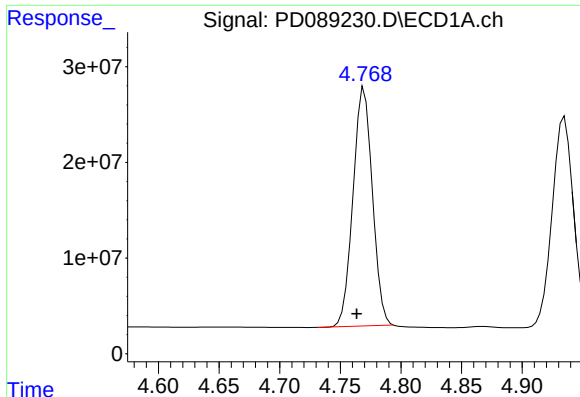
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: 0.006 min
Response: 111996714
Conc: 50.74 ng/ml



#6 beta-BHC

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 535739638
Conc: 49.85 ng/ml



#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.006 min
Response: 277160895
Conc: 54.00 ng/ml

Instrument :

ECD_D

ClientSampleId :

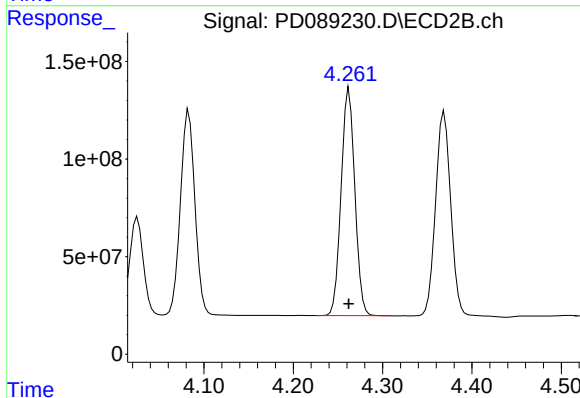
PSTDCCC050

Manual Integrations

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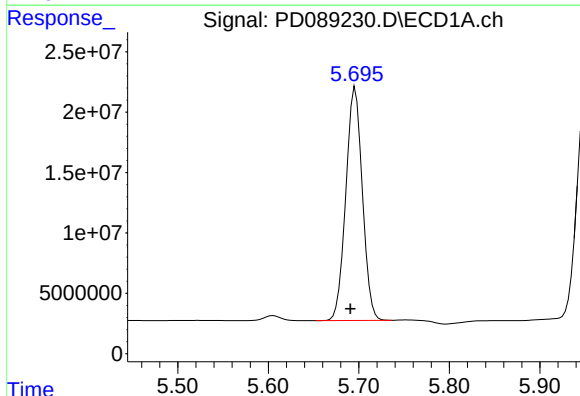
Reviewed By :Abdul Mirza 07/01/2025

Supervised By :mohammad ahmed 07/01/2025



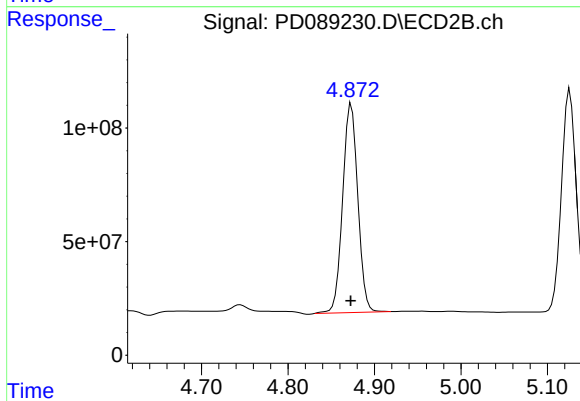
#7 delta-BHC

R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 1242590239
Conc: 49.96 ng/ml



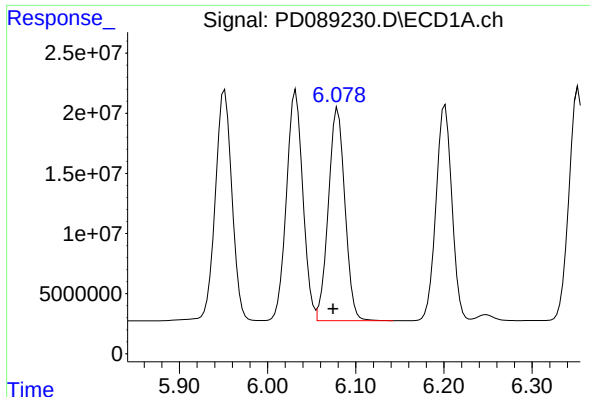
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.005 min
Response: 245440731
Conc: 50.88 ng/ml



#8 Heptachlor epoxide

R.T.: 4.873 min
Delta R.T.: 0.000 min
Response: 1115608421
Conc: 50.95 ng/ml



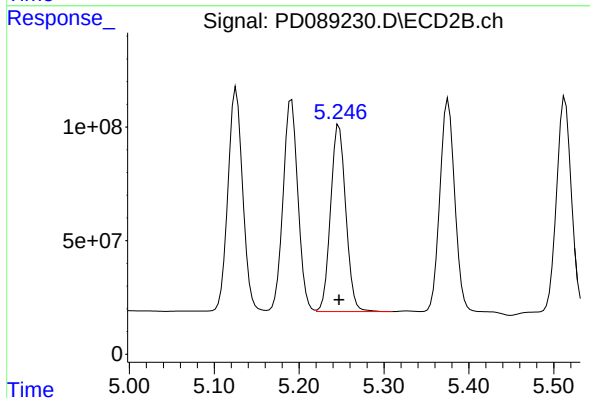
#9 Endosulfan I

R.T.: 6.080 min
Delta R.T.: 0.005 min
Response: 231442383
Conc: 51.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

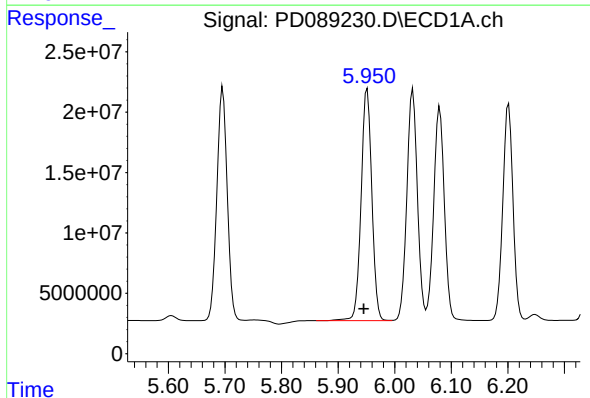
Manual Integrations
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Reviewed By :Abdul Mirza 07/01/2025
Supervised By :mohammad ahmed 07/01/2025



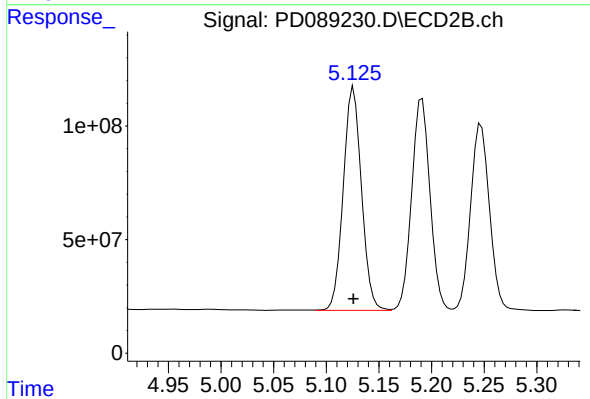
#9 Endosulfan I

R.T.: 5.247 min
Delta R.T.: 0.000 min
Response: 1024290811
Conc: 49.14 ng/ml



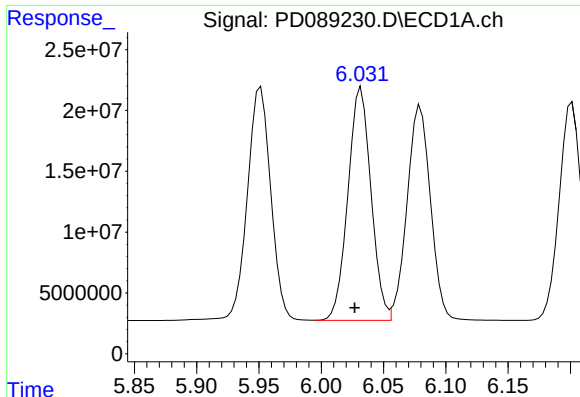
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.006 min
Response: 252729707
Conc: 52.78 ng/ml



#10 gamma-Chlordane

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 1187698723
Conc: 49.65 ng/ml



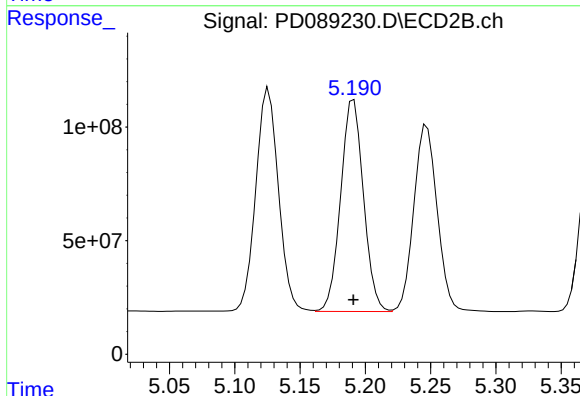
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.005 min
Response: 247997065
Conc: 51.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

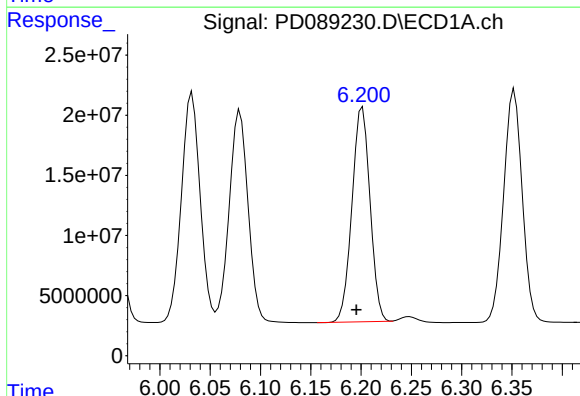
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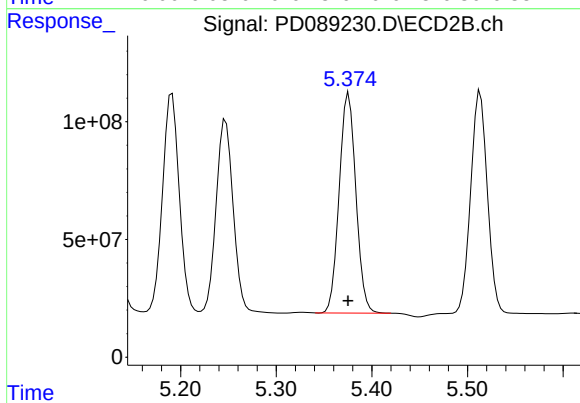
#11 alpha-Chlordane

R.T.: 5.191 min
Delta R.T.: 0.000 min
Response: 1133651932
Conc: 49.51 ng/ml



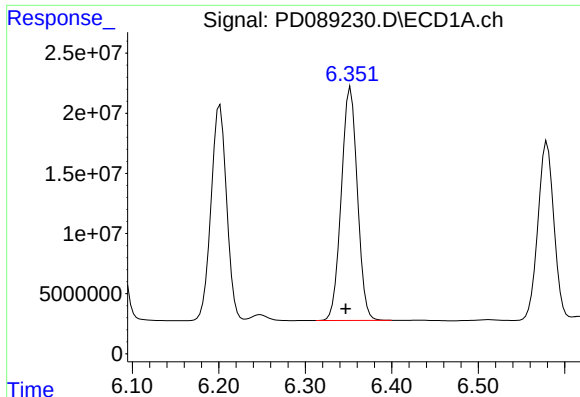
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: 0.006 min
Response: 222240005
Conc: 50.96 ng/ml



#12 4,4'-DDE

R.T.: 5.376 min
Delta R.T.: 0.000 min
Response: 1135868143
Conc: 49.57 ng/ml



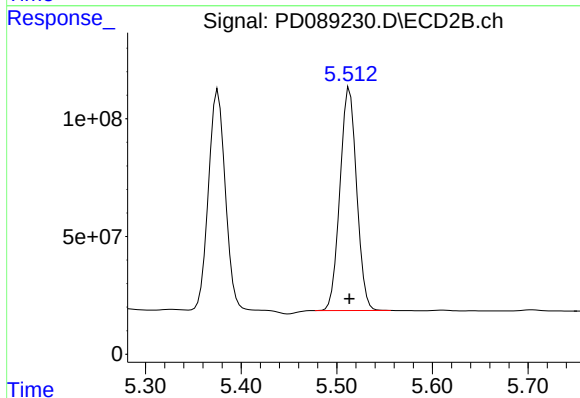
#13 Dieldrin

R.T.: 6.352 min
Delta R.T.: 0.006 min
Response: 248469661
Conc: 51.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

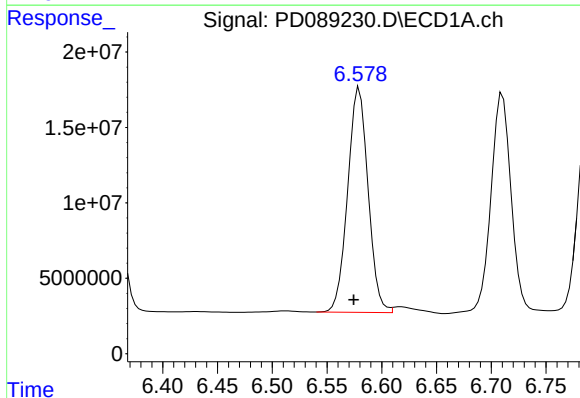
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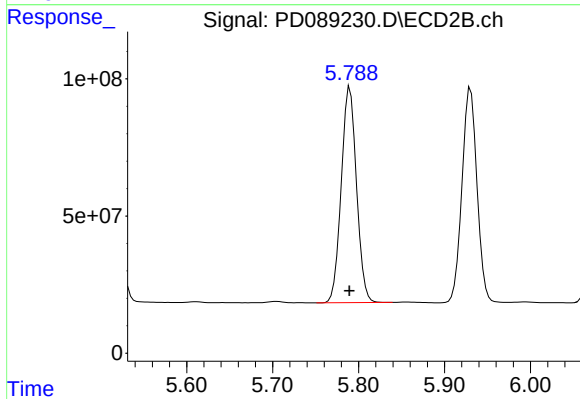
#13 Dieldrin

R.T.: 5.513 min
Delta R.T.: 0.000 min
Response: 1149845619
Conc: 49.54 ng/ml



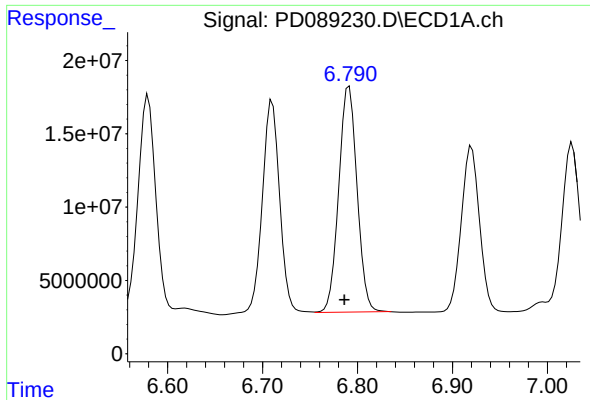
#14 Endrin

R.T.: 6.580 min
Delta R.T.: 0.005 min
Response: 193361326
Conc: 46.87 ng/ml



#14 Endrin

R.T.: 5.790 min
Delta R.T.: 0.000 min
Response: 971004798
Conc: 44.72 ng/ml



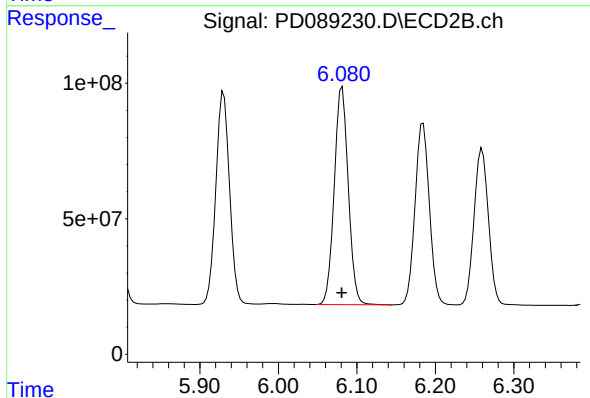
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: 0.005 min
Response: 207027613
Conc: 51.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

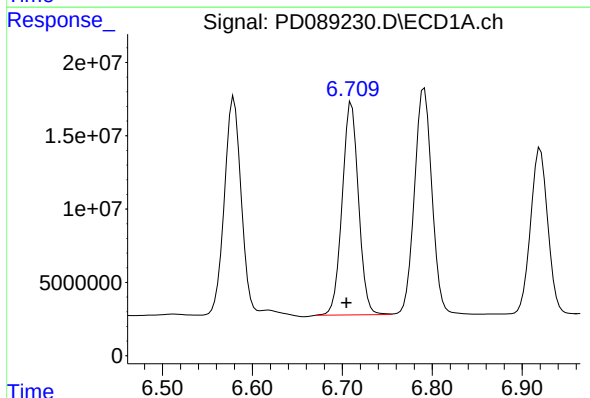
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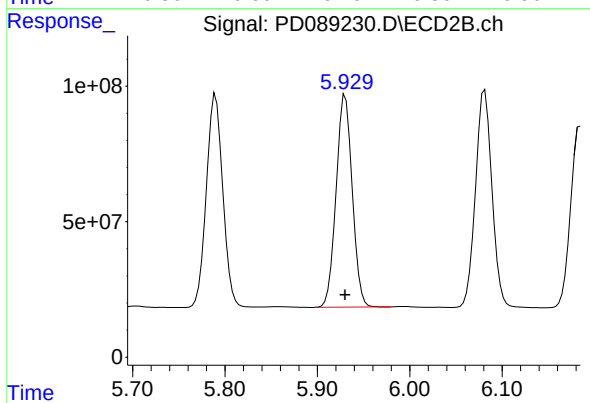
#15 Endosulfan II

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 996960103
Conc: 49.36 ng/ml



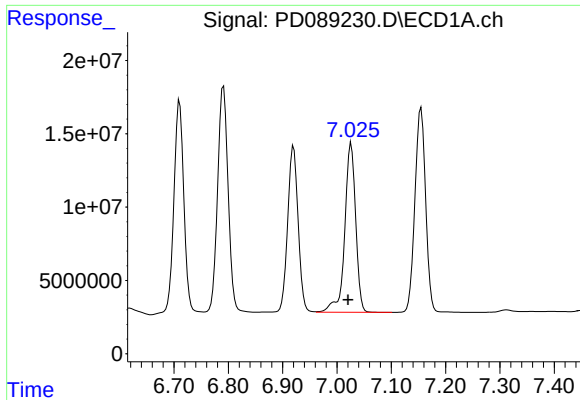
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.006 min
Response: 183192672
Conc: 53.38 ng/ml



#16 4,4'-DDD

R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 950585442
Conc: 49.69 ng/ml



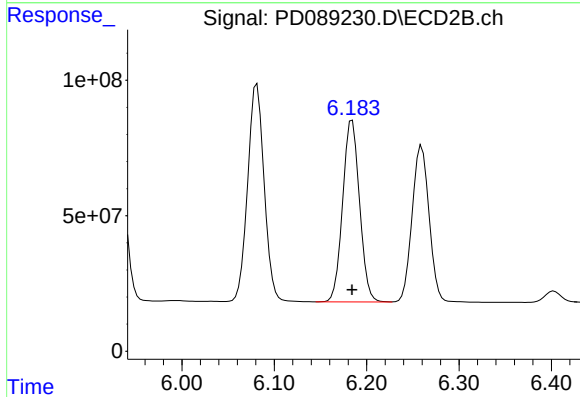
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.006 min
Response: 161864423
Conc: 42.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

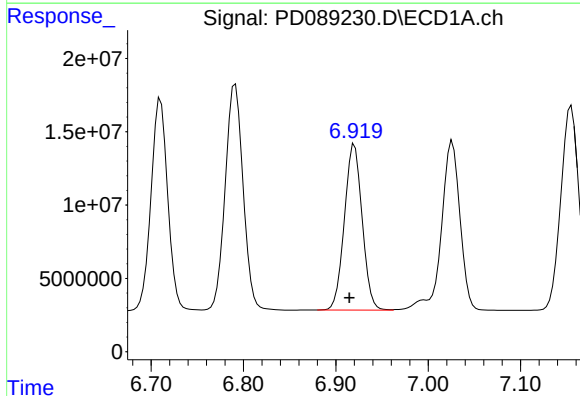
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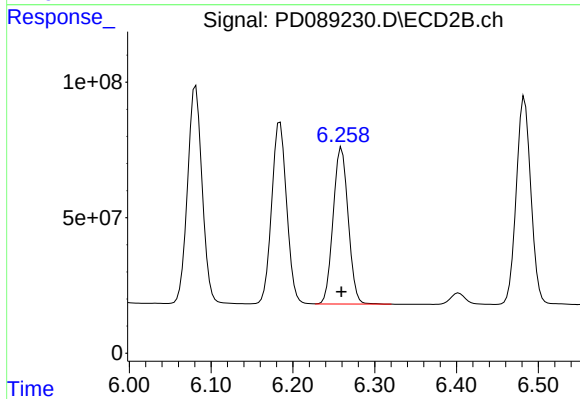
#17 4,4'-DDT

R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 851443777
Conc: 41.99 ng/ml



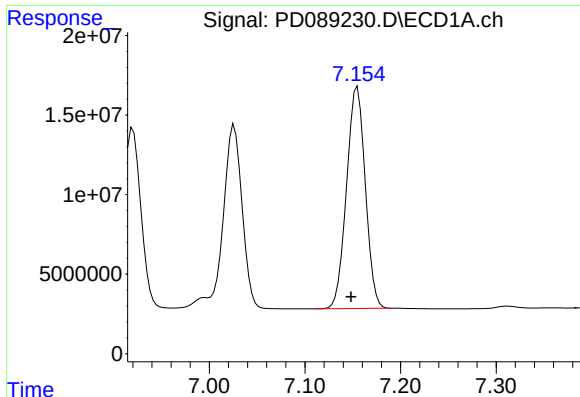
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: 0.005 min
Response: 150986562
Conc: 49.28 ng/ml



#18 Endrin aldehyde

R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 739017004
Conc: 48.27 ng/ml



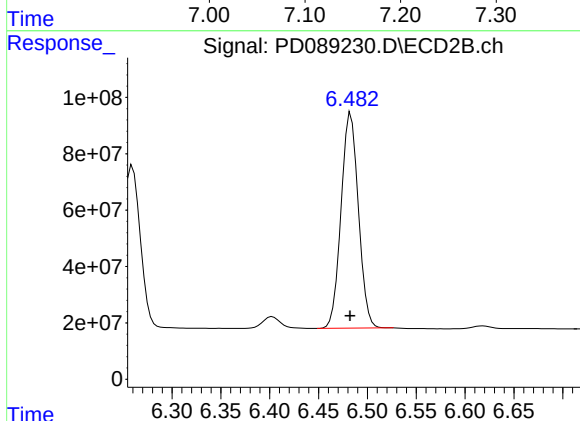
#19 Endosulfan Sulfate

R.T.: 7.155 min
Delta R.T.: 0.007 min
Response: 190527548
Conc: 49.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

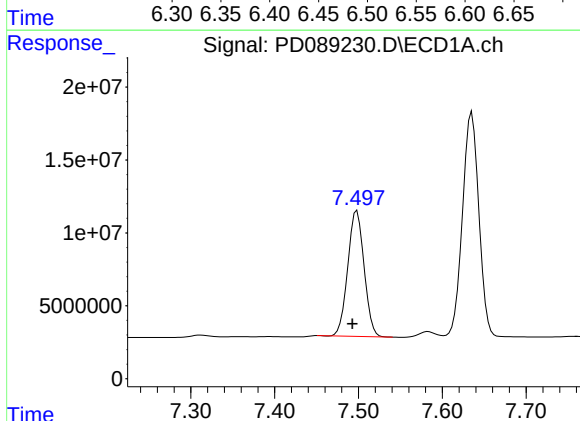
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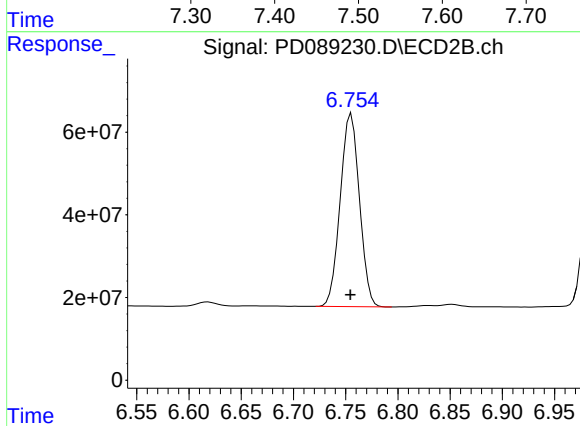
#19 Endosulfan Sulfate

R.T.: 6.483 min
Delta R.T.: 0.000 min
Response: 945654190
Conc: 48.20 ng/ml



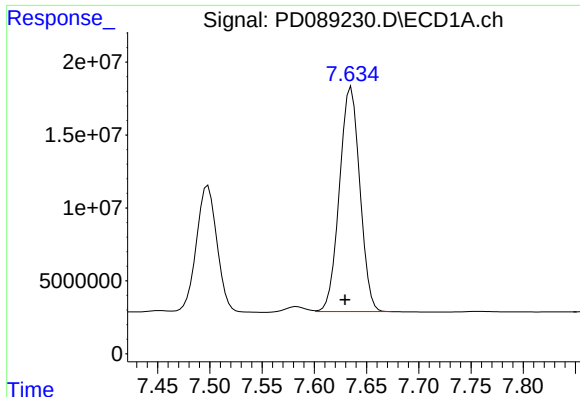
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.006 min
Response: 116937755
Conc: 57.87 ng/ml



#20 Methoxychlor

R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 597277575
Conc: 55.47 ng/ml



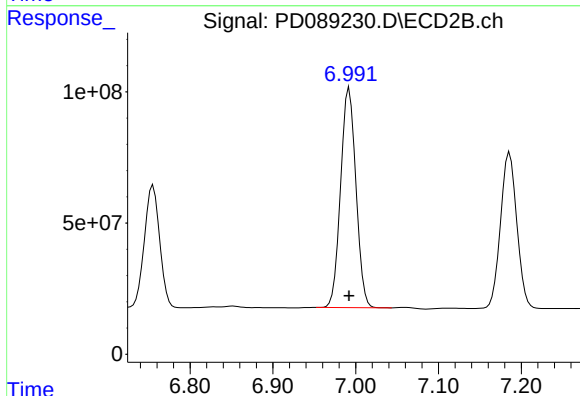
#21 Endrin ketone

R.T.: 7.634 min
Delta R.T.: 0.005 min
Response: 209071052
Conc: 51.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

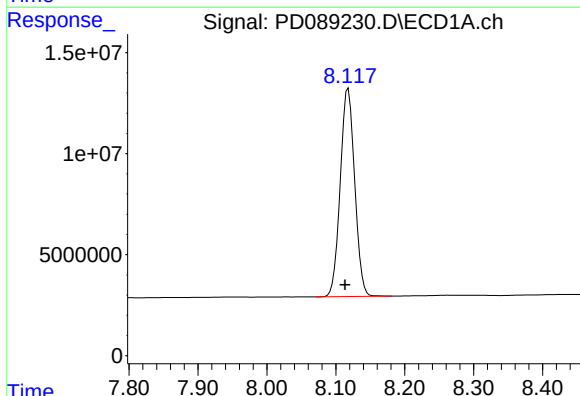
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Reviewed By :Abdul Mirza 07/01/2025
Supervised By :mohammad ahmed 07/01/2025



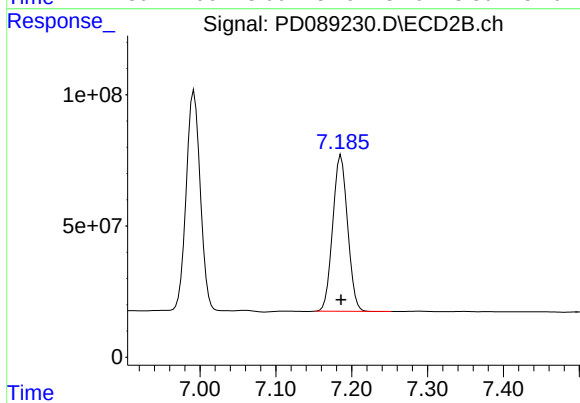
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 1077784269
Conc: 49.89 ng/ml



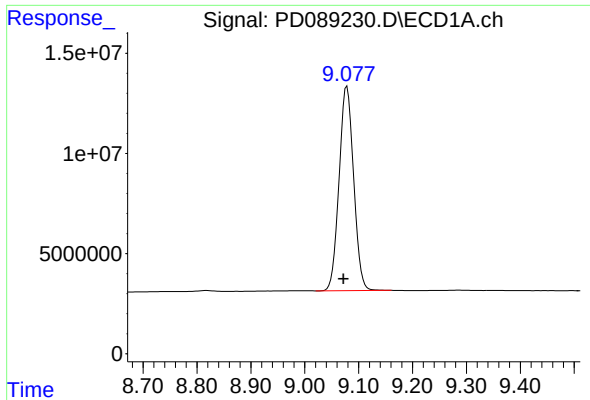
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.005 min
Response: 149793819
Conc: 49.27 ng/ml



#22 Mirex

R.T.: 7.186 min
Delta R.T.: 0.000 min
Response: 811534119
Conc: 48.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.078 min
Delta R.T.: 0.006 min
Response: 191037768
Conc: 48.64 ng/ml

Instrument :

ECD_D

ClientSampleId :

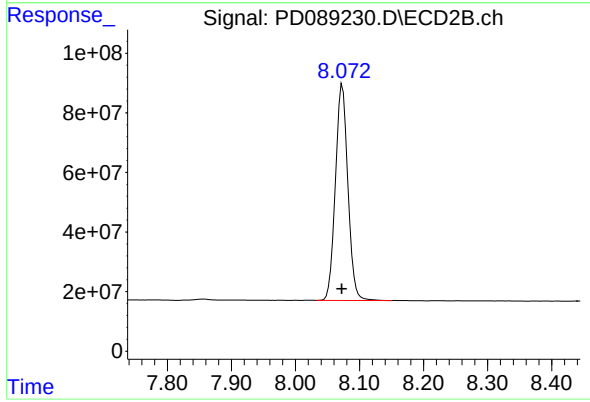
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 07/01/2025

Supervised By :mohammad ahmed 07/01/2025



#28 Decachlorobiphenyl

R.T.: 8.073 min
Delta R.T.: 0.001 min
Response: 980921496
Conc: 49.62 ng/ml