

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
 Data File : PD089927.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2025 18:47
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/18/2025
 Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 01:52:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 07:03:58 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...	3.548	2.878	113.0E6	871.5E6	45.803	55.024
28) SA Decachlor...	9.069	8.066	158.9E6	992.7E6	42.763	49.440
Target Compounds						
2) A alpha-BHC	3.997	3.390	234.2E6	1353.9E6	47.270	55.705
3) MA gamma-BHC...	4.328	3.727	222.8E6	1255.6E6	46.887	55.746
4) MA Heptachlor	4.927	4.079	218.7E6	1260.1E6	45.463	54.293
5) MB Aldrin	5.268	4.365	210.5E6	1239.0E6	46.104	55.686
6) B beta-BHC	4.514	4.023	86534110	531.4E6	46.910	55.071
7) B delta-BHC	4.762	4.259	215.1E6	1271.7E6	46.905	55.987
8) B Heptachlo...	5.688	4.869	192.7E6	1127.5E6	46.089	54.867
9) A Endosulfan I	6.072	5.242	176.1E6	989.3E6	44.423	50.609
10) B gamma-Chl...	5.943	5.122	186.4E6	1210.8E6	44.603	55.919 #
11) B alpha-Chl...	6.024	5.186	187.1E6	1159.4E6	44.504	55.681 #
12) B 4,4'-DDE	6.193	5.371	164.2E6	1177.0E6	44.020	55.685 #
13) MA Dieldrin	6.344	5.509	186.9E6	1204.9E6	44.260	55.684 #
14) MA Endrin	6.572	5.785	159.4E6	1170.1E6	44.562	58.724 #
15) B Endosulfa...	6.784	6.076	161.2E6	1026.9E6	43.942	54.626
16) A 4,4'-DDD	6.701	5.925	133.2E6	981.3E6	44.475m	55.655 #
17) MA 4,4'-DDT	7.018	6.179	140.6E6	1020.2E6	41.848	55.530 #
18) B Endrin al...	6.913	6.255	113.0E6	734.2E6	45.274	56.828 #
19) B Endosulfa...	7.147	6.478	145.7E6	981.6E6	42.002	52.875 #
20) A Methoxychlor	7.491	6.749	77125114	555.0E6	43.135	56.654 #
21) B Endrin ke...	7.628	6.987	155.7E6	1007.8E6	41.927	50.217
22) Mirex	8.111	7.180	116.1E6	810.9E6	41.653	53.273 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089927.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 18:47
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

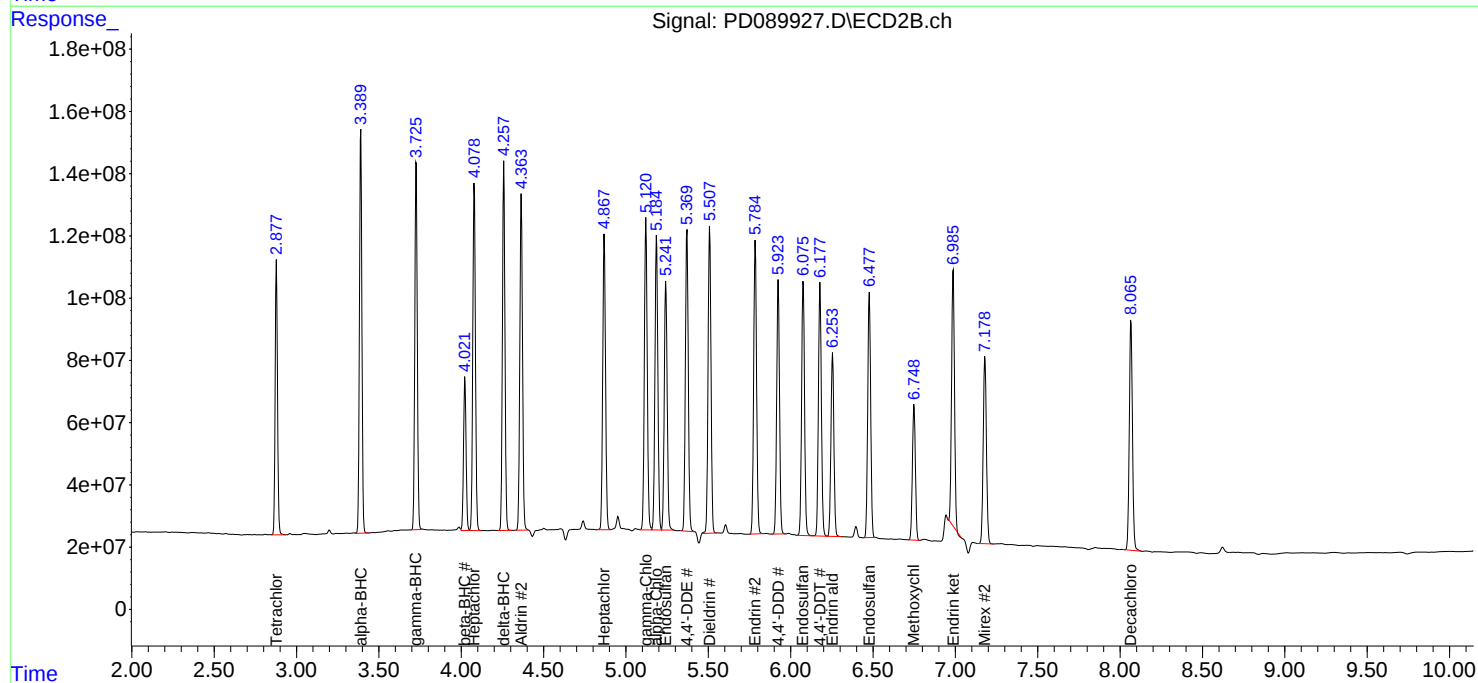
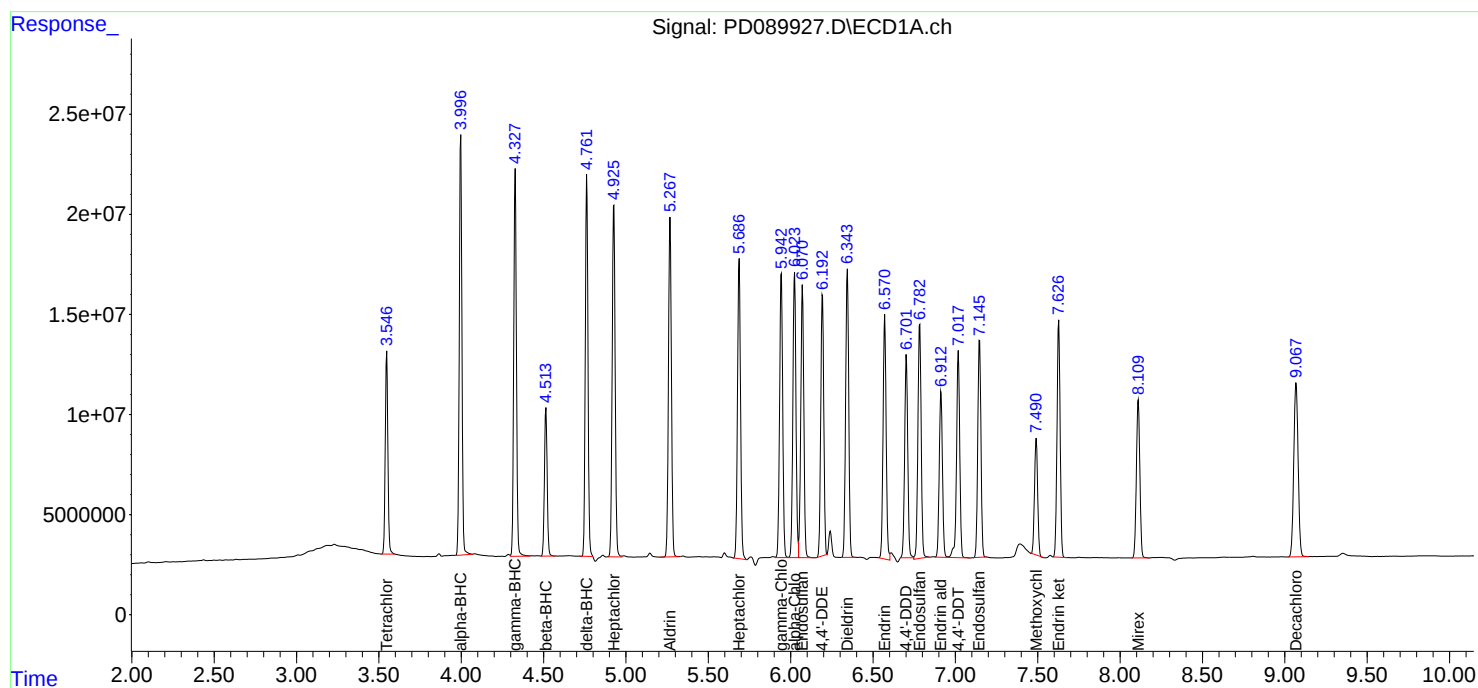
APPROVED

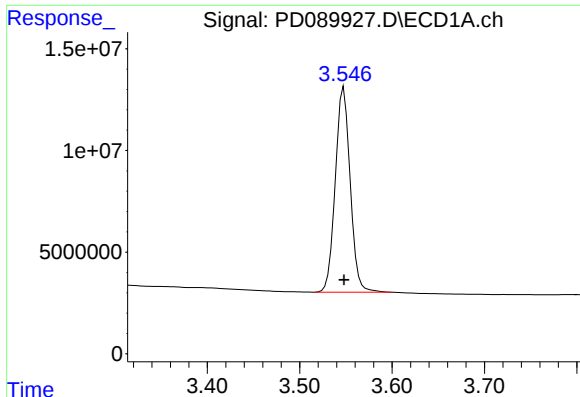
Reviewed By :Abdul Mirza 08/18/2025

Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:52:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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





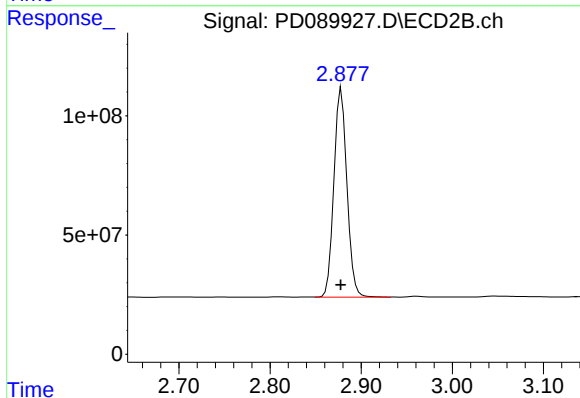
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 112977412
Conc: 45.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

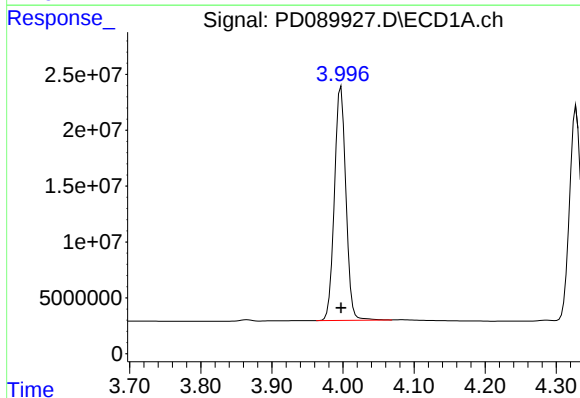
Manual Integrations
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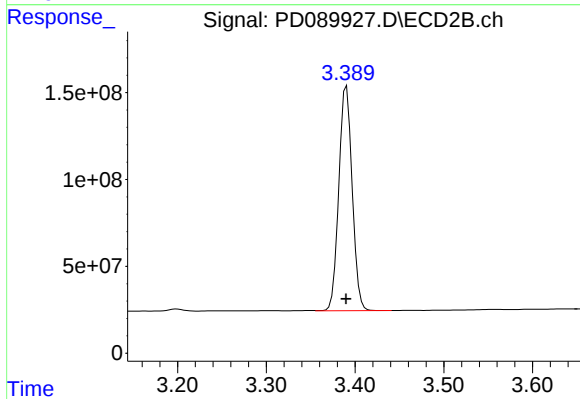
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 871453902
Conc: 55.02 ng/ml



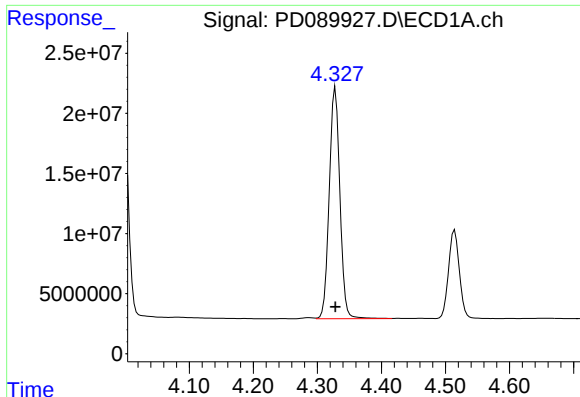
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 234152305
Conc: 47.27 ng/ml



#2 alpha-BHC

R.T.: 3.390 min
Delta R.T.: 0.000 min
Response: 1353912733
Conc: 55.71 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 222825654
Conc: 46.89 ng/ml

Instrument :

ECD_D

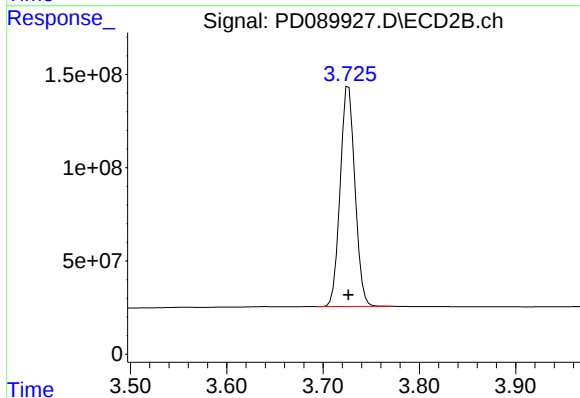
ClientSampleId :

PSTDCCC050

Manual Integrations

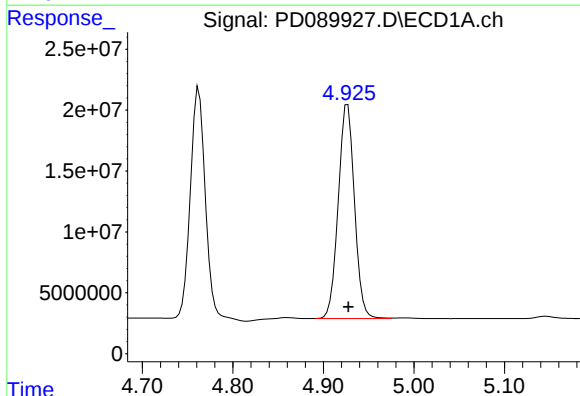
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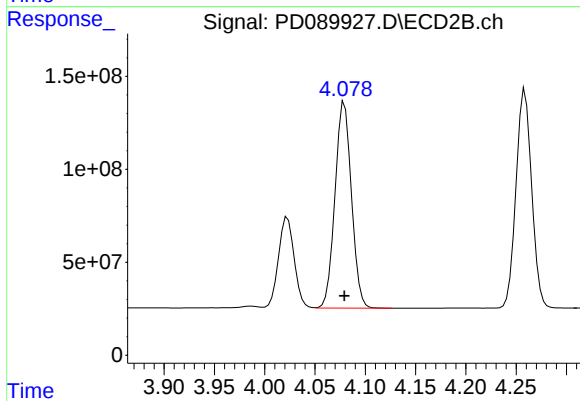
#3 gamma-BHC (Lindane)

R.T.: 3.727 min
Delta R.T.: 0.000 min
Response: 1255633769
Conc: 55.75 ng/ml



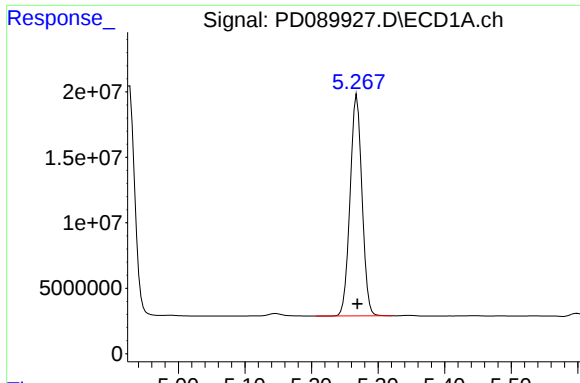
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 218747990
Conc: 45.46 ng/ml



#4 Heptachlor

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 1260087882
Conc: 54.29 ng/ml



#5 Aldrin

R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 210461518
Conc: 46.10 ng/ml

Instrument :

ECD_D

ClientSampleId :

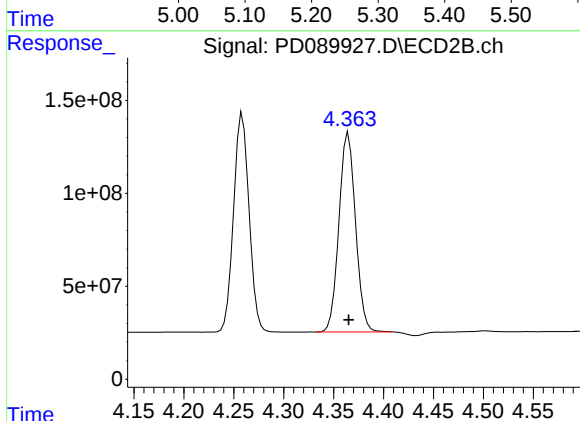
PSTDCCC050

Manual Integrations

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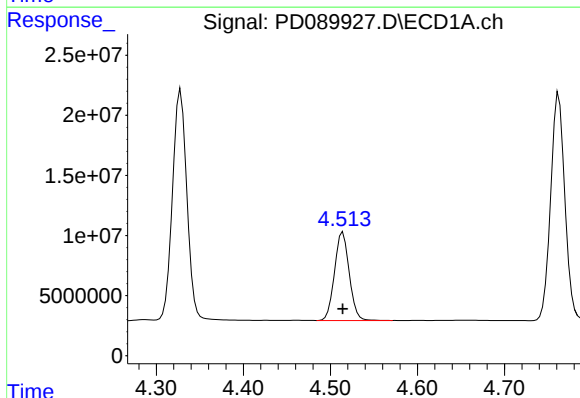
Reviewed By :Abdul Mirza 08/18/2025

Supervised By :mohammad ahmed 08/19/2025



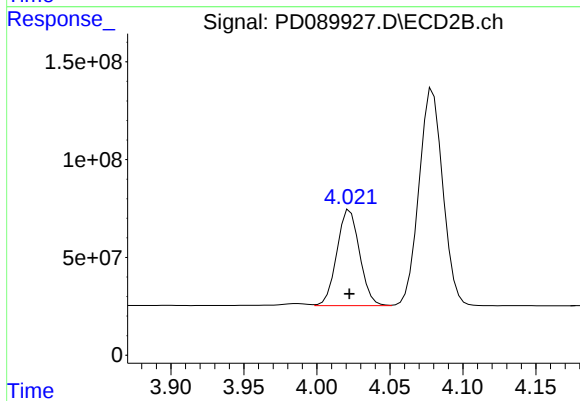
#5 Aldrin

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 1239049716
Conc: 55.69 ng/ml



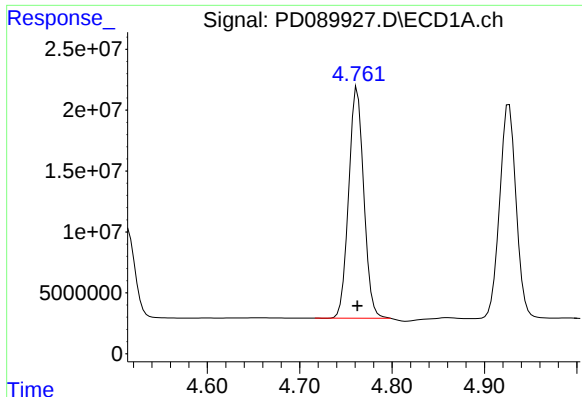
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 86534110
Conc: 46.91 ng/ml



#6 beta-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 531374750
Conc: 55.07 ng/ml



#7 delta-BHC

R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 215117330
Conc: 46.91 ng/ml

Instrument :

ECD_D

ClientSampleId :

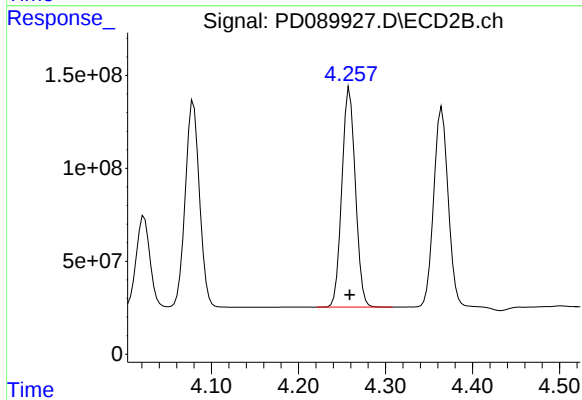
PSTDCCC050

Manual Integrations

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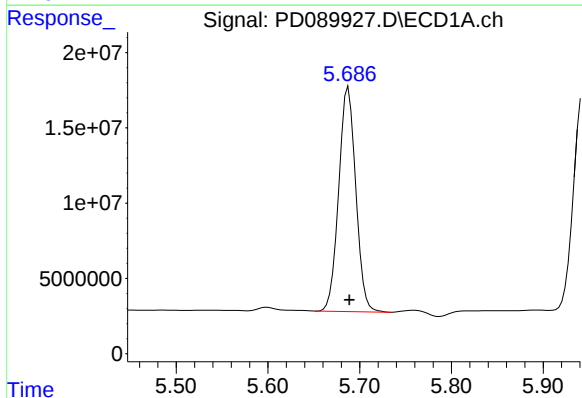
Reviewed By :Abdul Mirza 08/18/2025

Supervised By :mohammad ahmed 08/19/2025



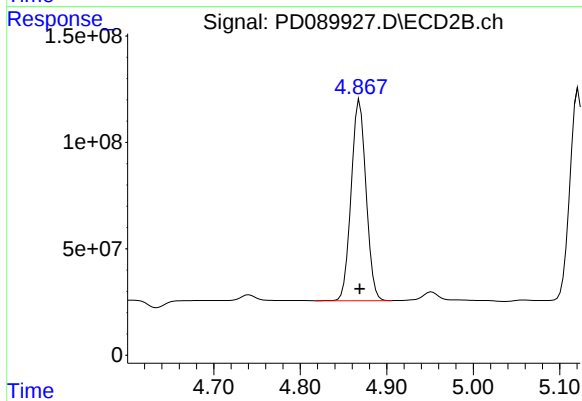
#7 delta-BHC

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 1271744940
Conc: 55.99 ng/ml



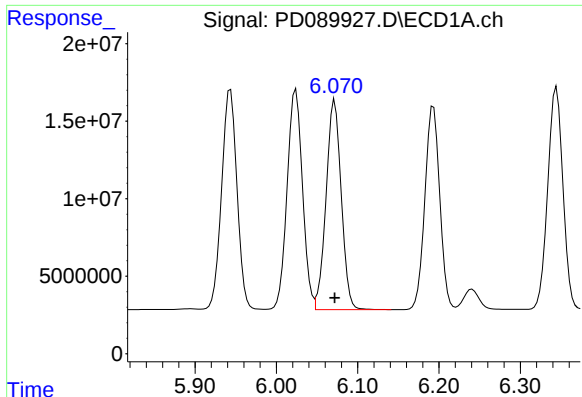
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: -0.001 min
Response: 192685683
Conc: 46.09 ng/ml



#8 Heptachlor epoxide

R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 1127508999
Conc: 54.87 ng/ml



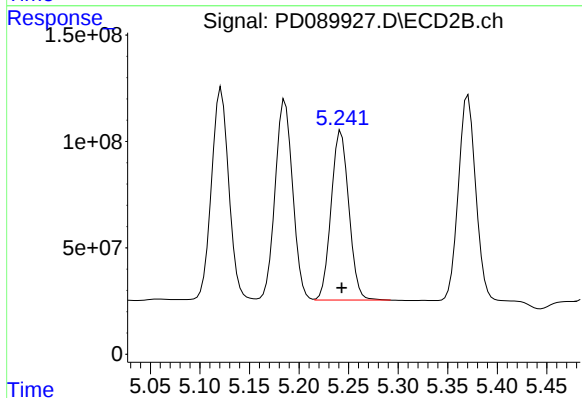
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 176075727
Conc: 44.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

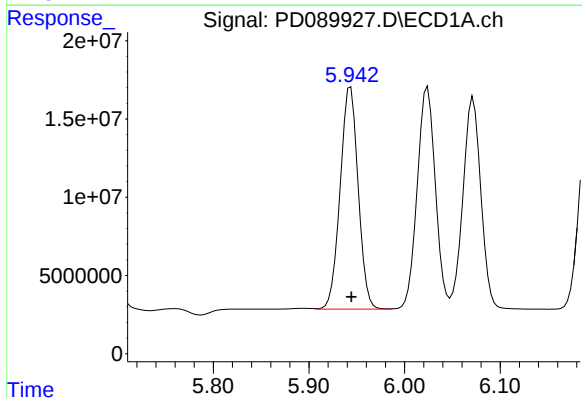
Manual Integrations
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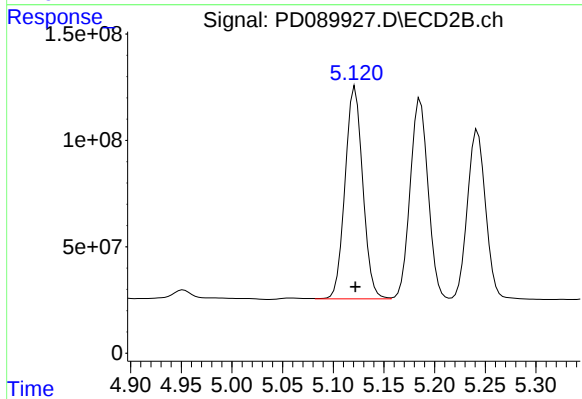
#9 Endosulfan I

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 989314789
Conc: 50.61 ng/ml



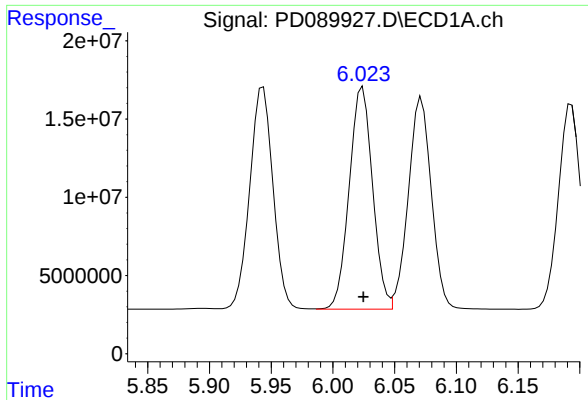
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 186398247
Conc: 44.60 ng/ml



#10 gamma-Chlordane

R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 1210837754
Conc: 55.92 ng/ml



#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 187102430
Conc: 44.50 ng/ml

Instrument :

ECD_D

ClientSampleId :

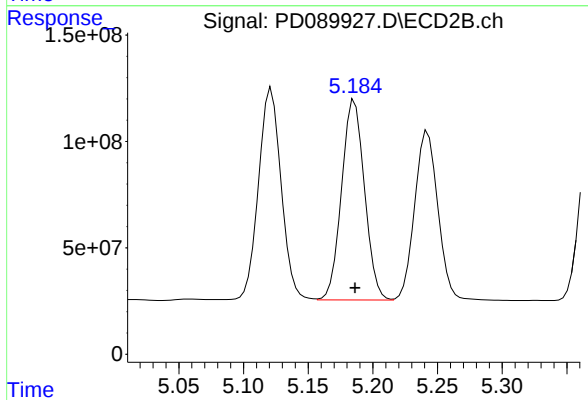
PSTDCCC050

Manual Integrations

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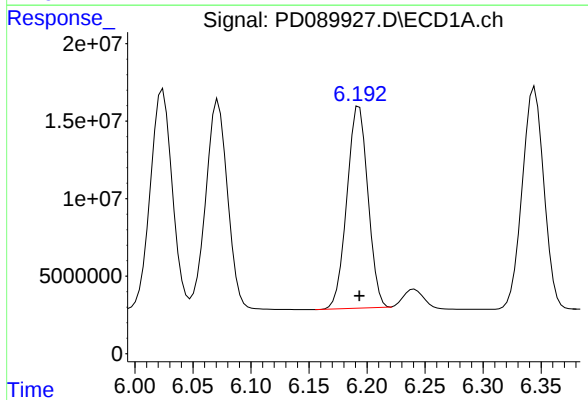
Reviewed By :Abdul Mirza 08/18/2025

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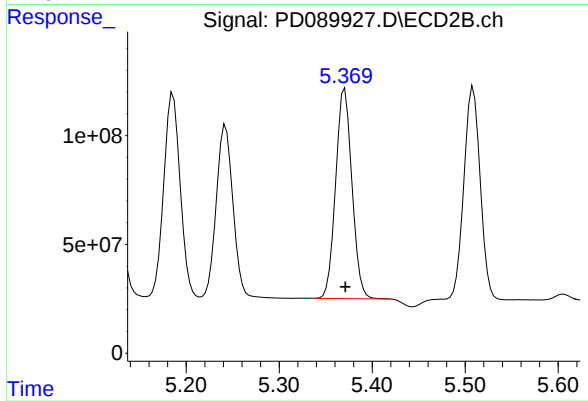
#11 alpha-Chlordane

R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 1159396321
Conc: 55.68 ng/ml



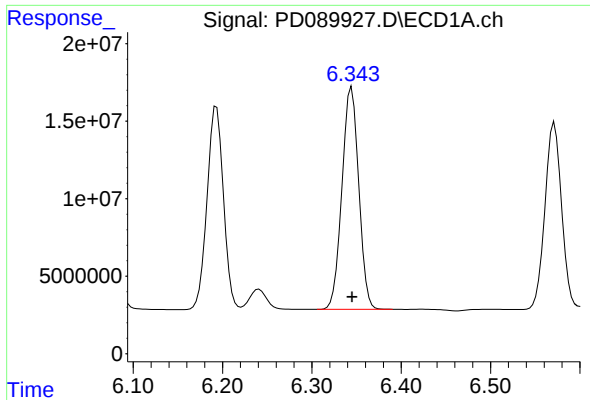
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 164182368
Conc: 44.02 ng/ml



#12 4,4'-DDE

R.T.: 5.371 min
Delta R.T.: 0.000 min
Response: 1177019642
Conc: 55.68 ng/ml



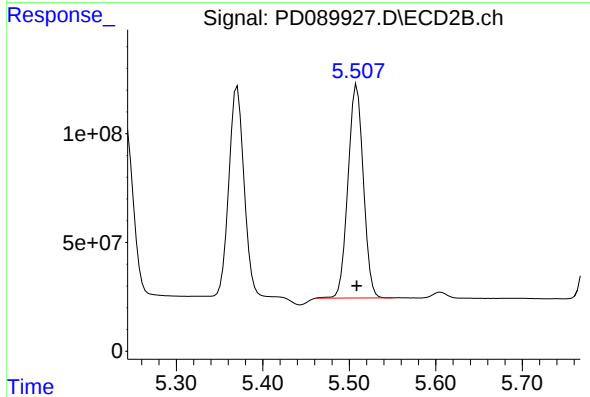
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 186926868
Conc: 44.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

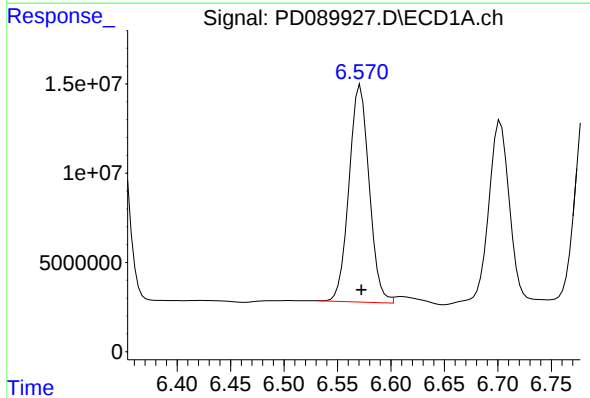
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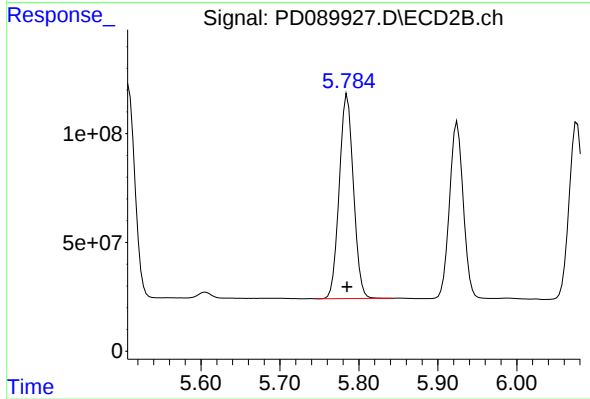
#13 Dieldrin

R.T.: 5.509 min
Delta R.T.: 0.000 min
Response: 1204942620
Conc: 55.68 ng/ml



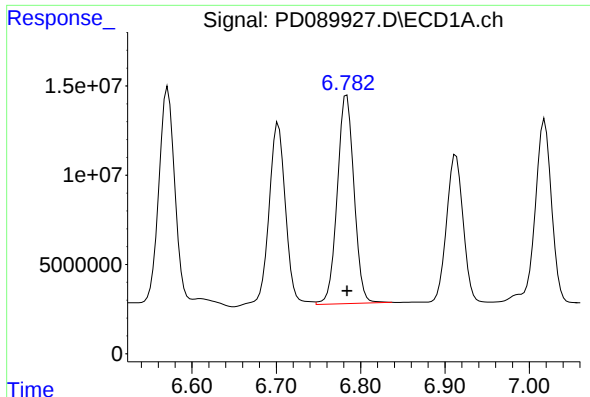
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 159430939
Conc: 44.56 ng/ml



#14 Endrin

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 1170087776
Conc: 58.72 ng/ml



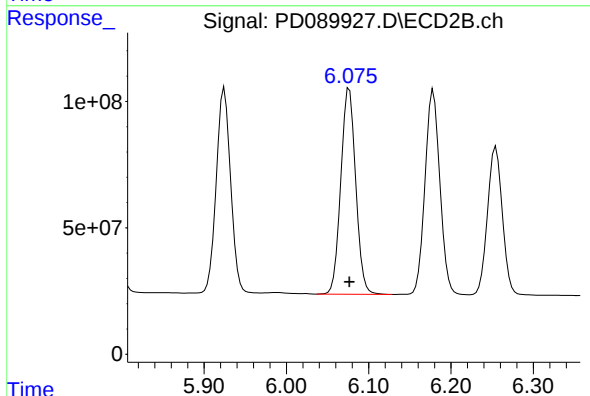
#15 Endosulfan II

R.T.: 6.784 min
Delta R.T.: 0.000 min
Response: 161238522
Conc: 43.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

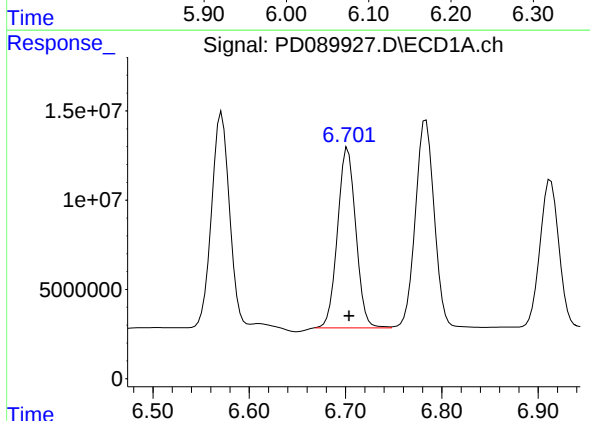
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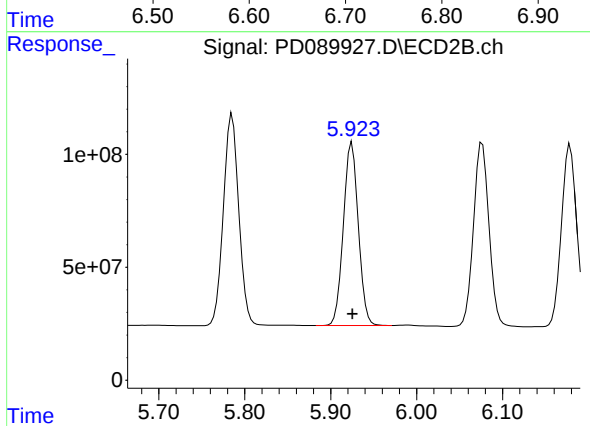
#15 Endosulfan II

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 1026943070
Conc: 54.63 ng/ml



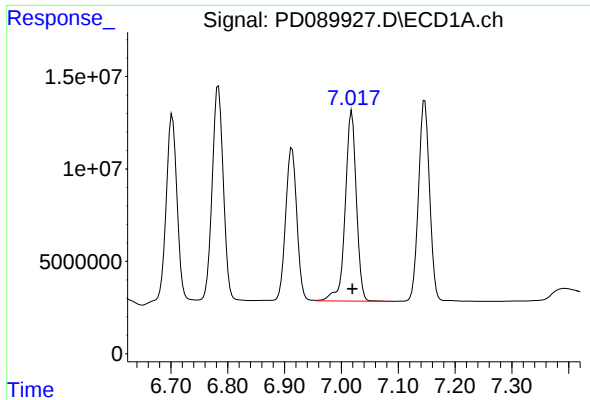
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: -0.003 min
Response: 133195598
Conc: 44.48 ng/ml m



#16 4,4'-DDD

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 981336942
Conc: 55.65 ng/ml



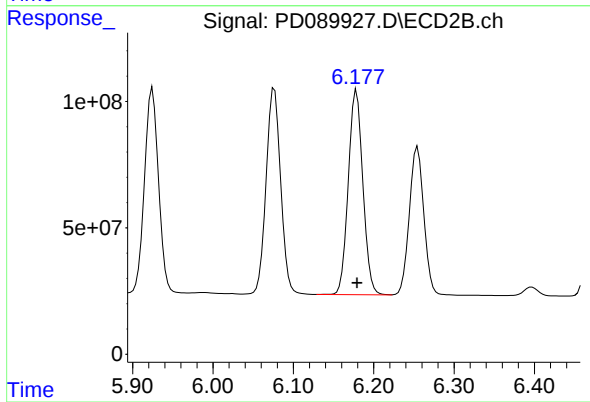
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: -0.001 min
Response: 140620715
Conc: 41.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

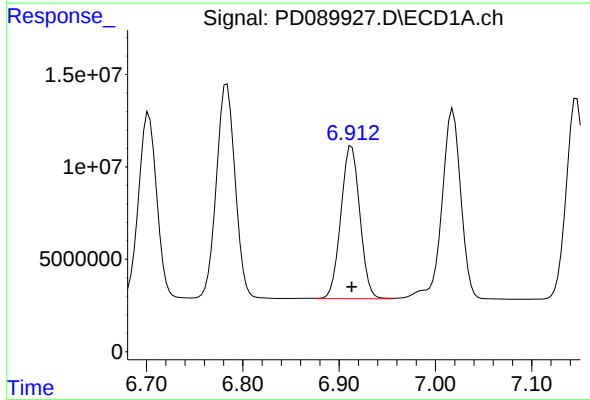
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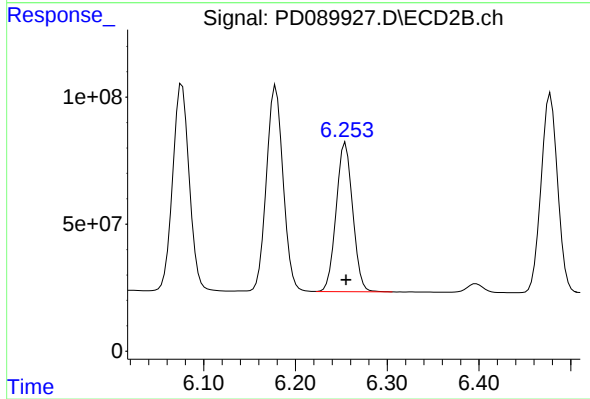
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 1020234068
Conc: 55.53 ng/ml



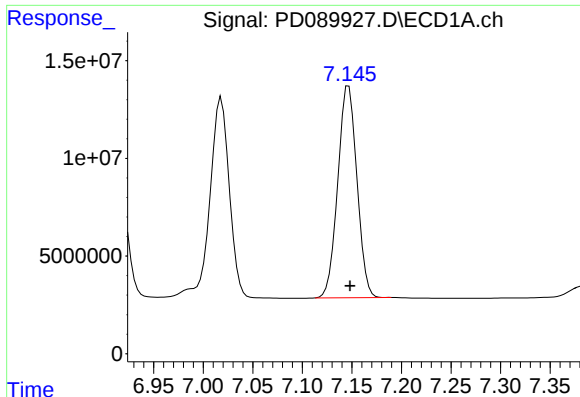
#18 Endrin aldehyde

R.T.: 6.913 min
Delta R.T.: 0.000 min
Response: 112985077
Conc: 45.27 ng/ml



#18 Endrin aldehyde

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 734237405
Conc: 56.83 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.147 min
Delta R.T.: -0.001 min
Response: 145749572
Conc: 42.00 ng/ml

Instrument :

ECD_D

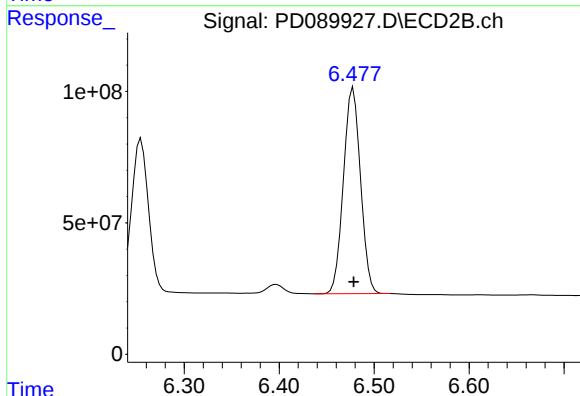
ClientSampleId :

PSTDCCC050

Manual Integrations

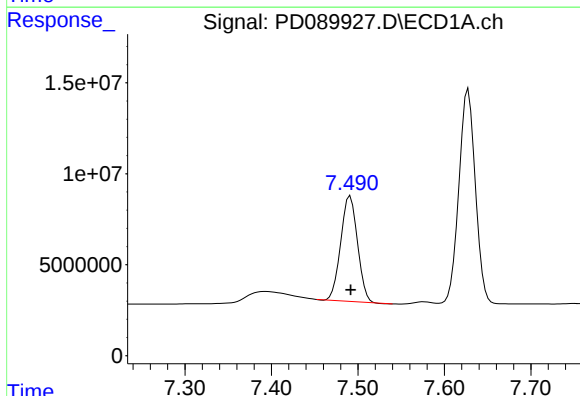
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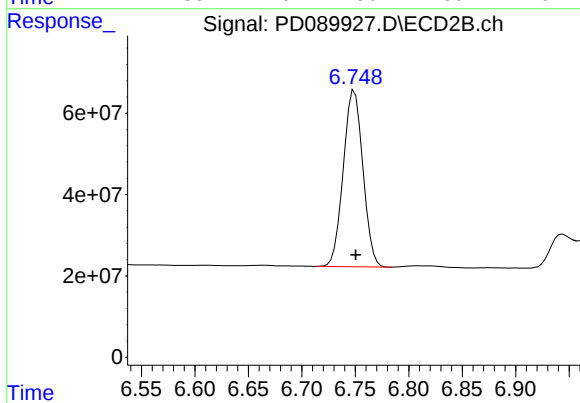
#19 Endosulfan Sulfate

R.T.: 6.478 min
Delta R.T.: 0.000 min
Response: 981649091
Conc: 52.87 ng/ml



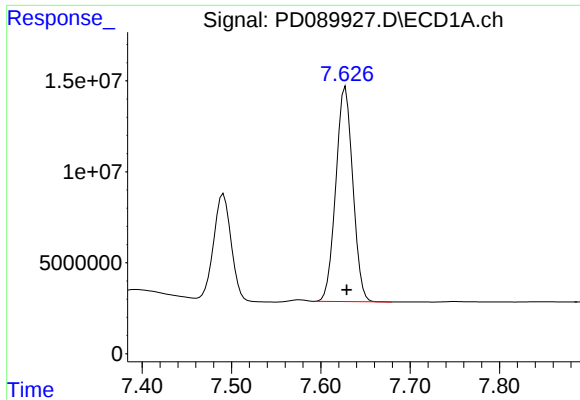
#20 Methoxychlor

R.T.: 7.491 min
Delta R.T.: 0.000 min
Response: 77125114
Conc: 43.14 ng/ml



#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: -0.001 min
Response: 554957853
Conc: 56.65 ng/ml



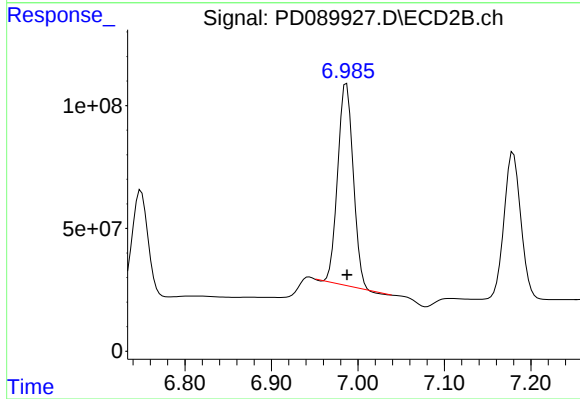
#21 Endrin ketone

R.T.: 7.628 min
Delta R.T.: -0.001 min
Response: 155723670
Conc: 41.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

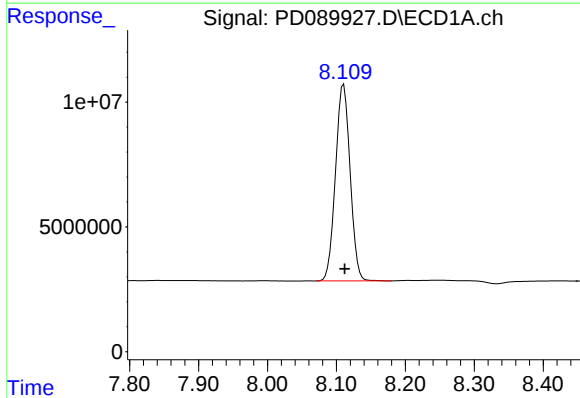
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/19/2025



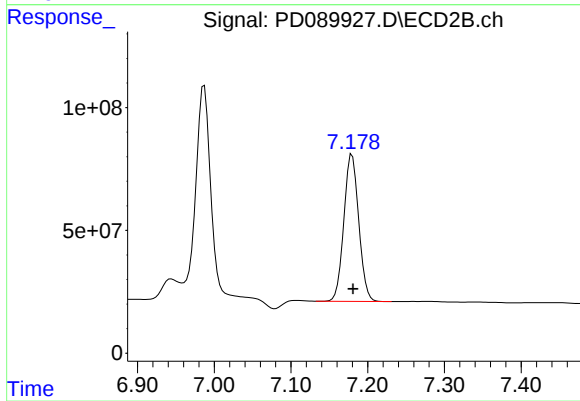
#21 Endrin ketone

R.T.: 6.987 min
Delta R.T.: 0.000 min
Response: 1007767731
Conc: 50.22 ng/ml



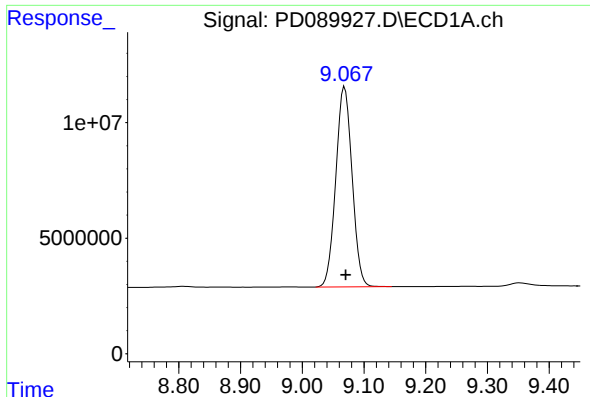
#22 Mirex

R.T.: 8.111 min
Delta R.T.: -0.001 min
Response: 116140276
Conc: 41.65 ng/ml



#22 Mirex

R.T.: 7.180 min
Delta R.T.: -0.001 min
Response: 810882773
Conc: 53.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: -0.002 min
Response: 158919129
Conc: 42.76 ng/ml

Instrument :

ECD_D

ClientSampleId :

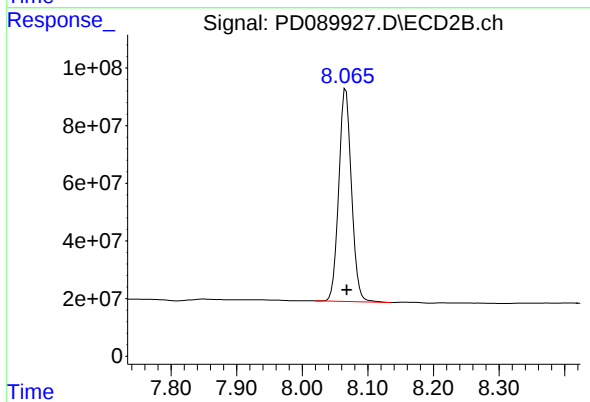
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: -0.001 min
Response: 992660607
Conc: 49.44 ng/ml