

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100725\
 Data File : PD090534.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2025 09:43
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/08/2025
 Supervised By :mohammad ahmed 10/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 11:03:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 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...	3.545	2.875	167.5E6	1454.7E6	51.531	52.994
28)	SA Decachlor...	9.062	8.061	230.3E6	1563.2E6	47.721	48.225
Target Compounds							
2)	A alpha-BHC	3.994	3.387	390.4E6	2419.9E6	55.900	55.270
3)	MA gamma-BHC...	4.325	3.723	367.8E6	2248.7E6	55.578	55.202
4)	MA Heptachlor	4.923	4.075	362.1E6	2209.7E6	54.766	54.271
5)	MB Aldrin	5.265	4.361	351.3E6	2232.6E6	55.327	55.905
6)	B beta-BHC	4.512	4.019	137.8E6	951.2E6	53.419	54.872
7)	B delta-BHC	4.759	4.255	365.2E6	2284.5E6	56.560m	55.321
8)	B Heptachlo...	5.684	4.864	308.9E6	2025.4E6	54.050	54.941
9)	A Endosulfan I	6.069	5.238	294.1E6	1895.8E6	54.452	54.783
10)	B gamma-Chl...	5.940	5.117	316.5E6	2206.7E6	55.413	56.170
11)	B alpha-Chl...	6.021	5.181	315.5E6	2114.6E6	54.765	56.142
12)	B 4,4'-DDE	6.190	5.366	288.1E6	2160.6E6	55.320	56.444
13)	MA Dieldrin	6.341	5.504	317.0E6	2176.8E6	54.995	55.893
14)	MA Endrin	6.568	5.781	268.9E6	1984.0E6	54.954	55.370
15)	B Endosulfa...	6.781	6.072	266.6E6	1872.5E6	54.656	55.481
16)	A 4,4'-DDD	6.700	5.920	224.1E6	1800.3E6	54.688	55.518
17)	MA 4,4'-DDT	7.016	6.174	234.1E6	1864.9E6	52.587	54.245
18)	B Endrin al...	6.909	6.250	188.6E6	1343.2E6	54.990	57.042
19)	B Endosulfa...	7.144	6.473	236.9E6	1724.7E6	51.490	52.758
20)	A Methoxychlor	7.488	6.744	117.1E6	888.7E6	49.690	51.072
21)	B Endrin ke...	7.625	6.982	253.8E6	1890.2E6	51.300	52.356
22)	Mirex	8.106	7.175	180.6E6	1403.0E6	48.733	50.822

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100725\
Data File : PD090534.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2025 09:43
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

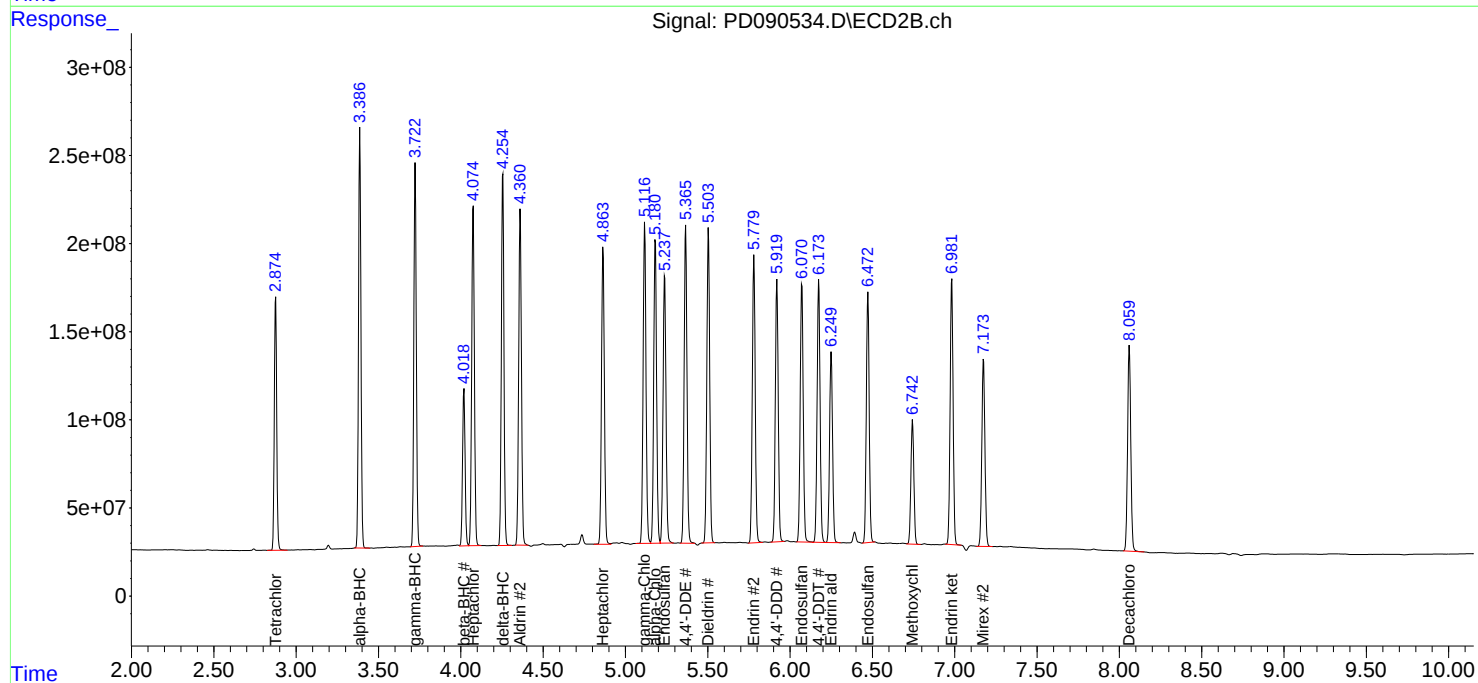
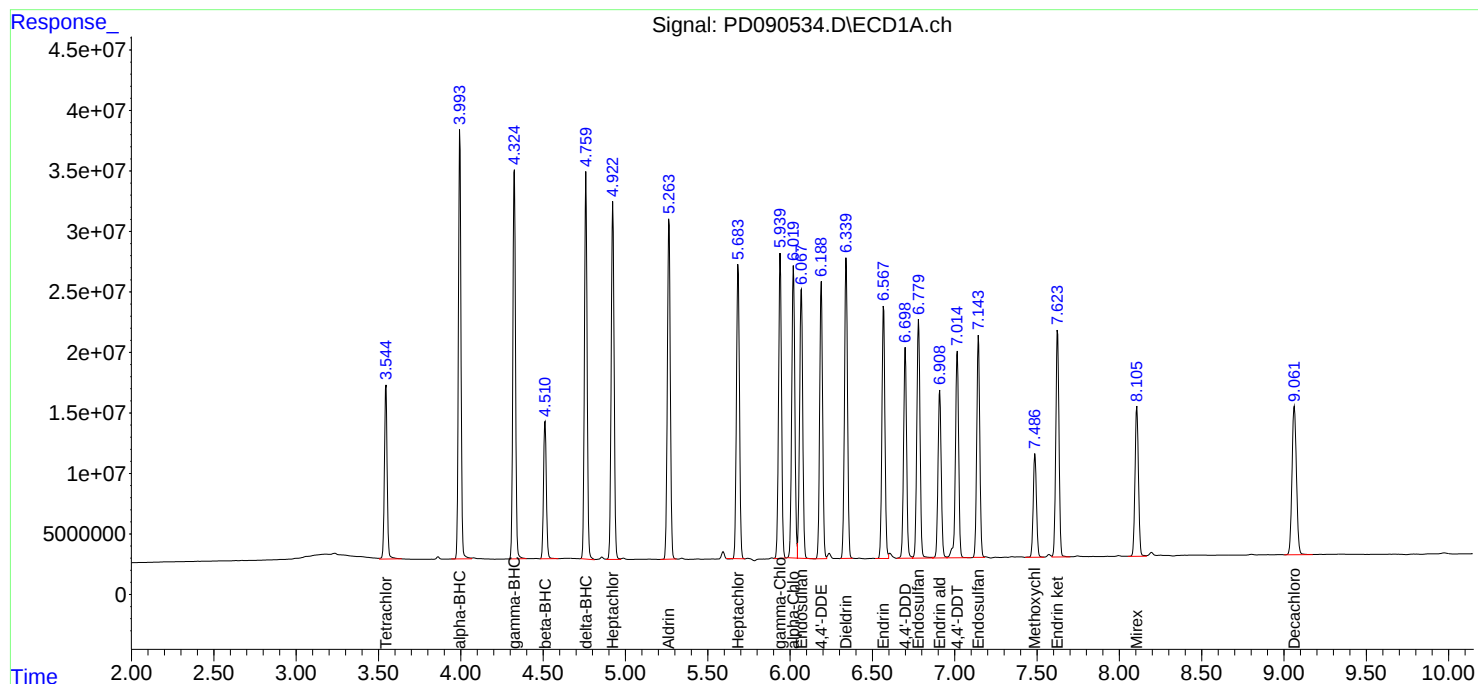
APPROVED

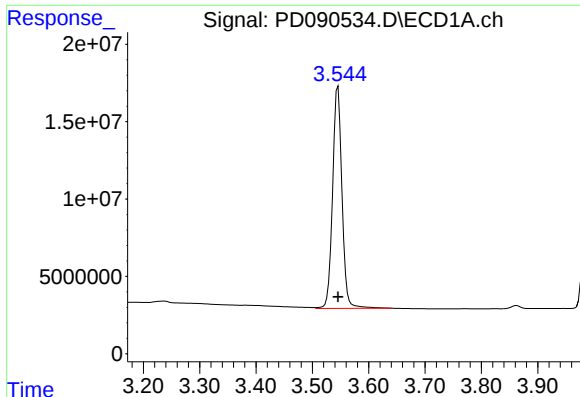
Reviewed By :Abdul Mirza 10/08/2025

Supervised By :mohammad ahmed 10/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 11:03:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 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





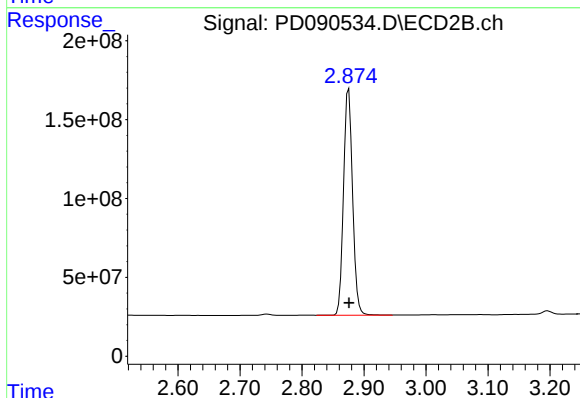
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 167500492
Conc: 51.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

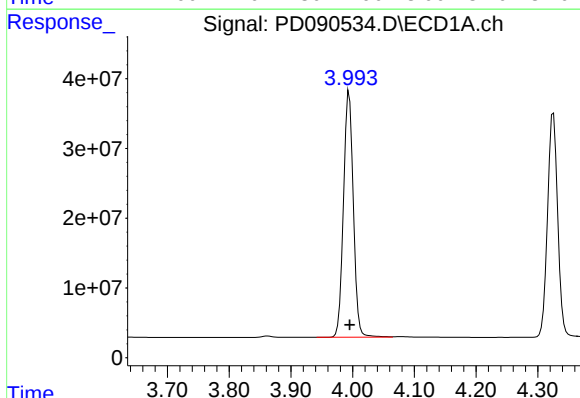
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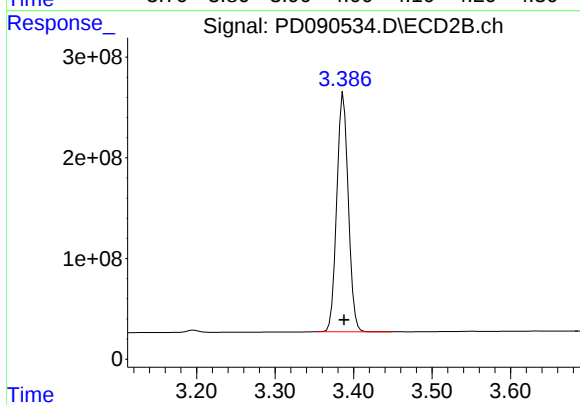
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 1454676472
Conc: 52.99 ng/ml



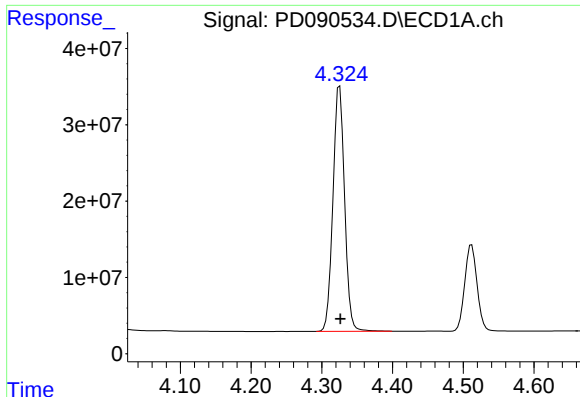
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.001 min
Response: 390437186
Conc: 55.90 ng/ml



#2 alpha-BHC

R.T.: 3.387 min
Delta R.T.: 0.000 min
Response: 2419892336
Conc: 55.27 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 367753719
Conc: 55.58 ng/ml

Instrument :

ECD_D

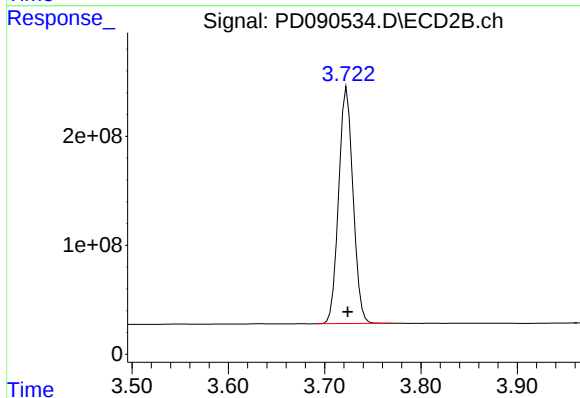
ClientSampleId :

PSTDCCC050

Manual Integrations

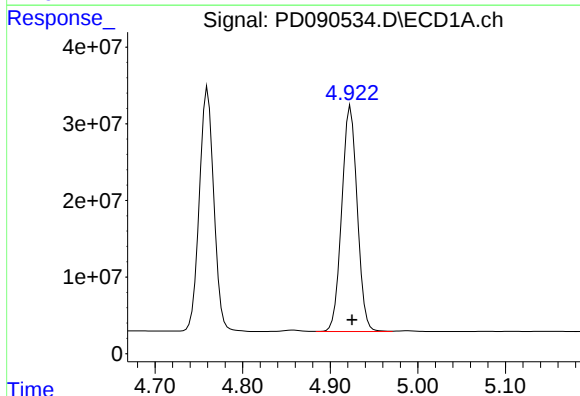
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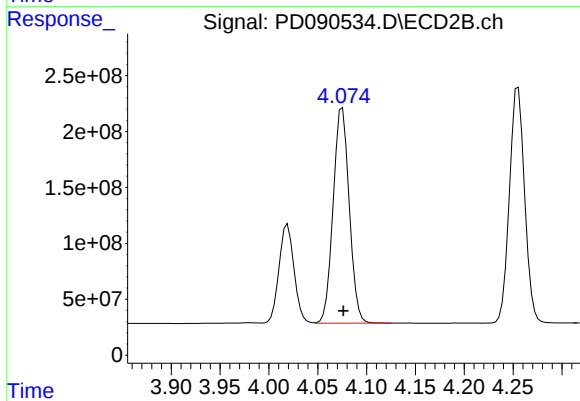
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 2248695273
Conc: 55.20 ng/ml



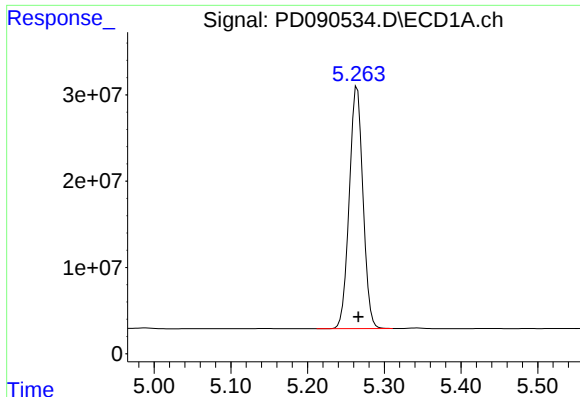
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: -0.002 min
Response: 362147103
Conc: 54.77 ng/ml



#4 Heptachlor

R.T.: 4.075 min
Delta R.T.: -0.001 min
Response: 2209722901
Conc: 54.27 ng/ml



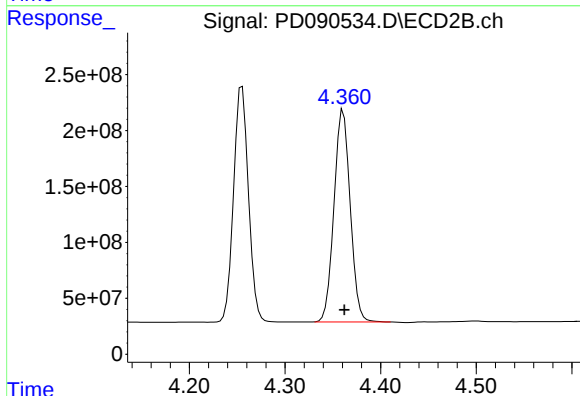
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: -0.002 min
Response: 351324925
Conc: 55.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

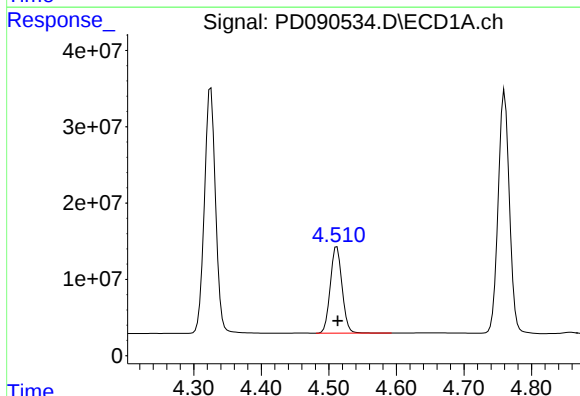
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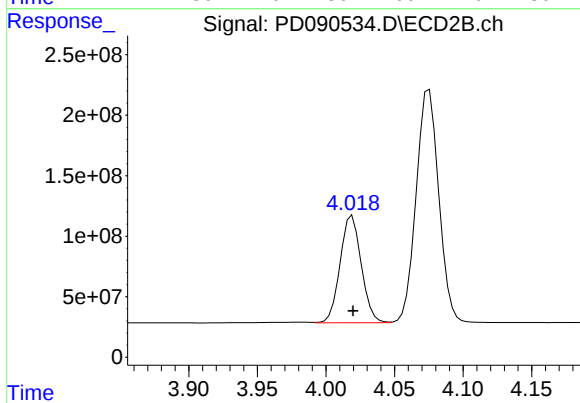
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: -0.001 min
Response: 2232563088
Conc: 55.90 ng/ml



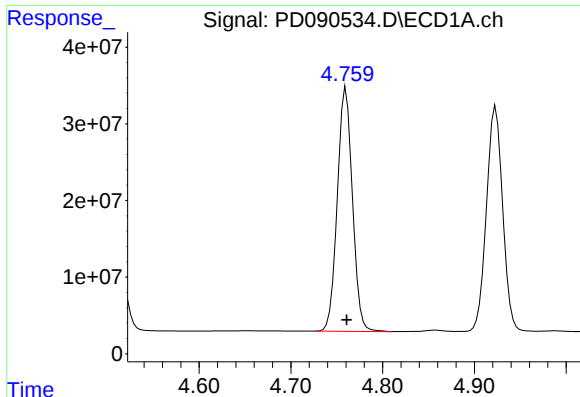
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: -0.001 min
Response: 137817408
Conc: 53.42 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 951222976
Conc: 54.87 ng/ml



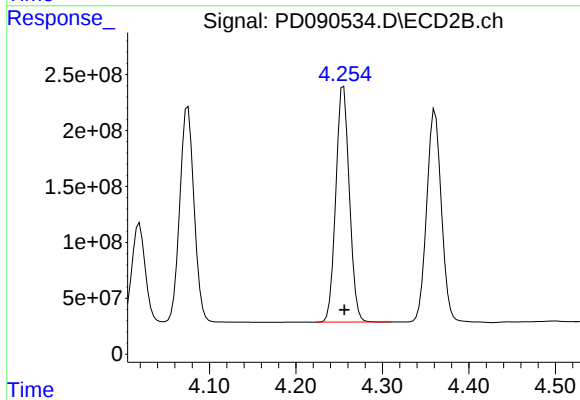
#7 delta-BHC

R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 365235788
Conc: 56.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

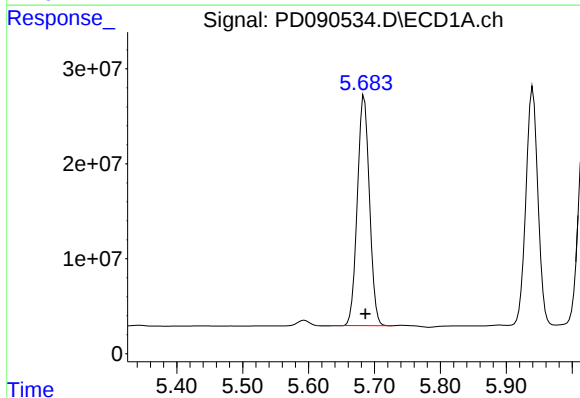
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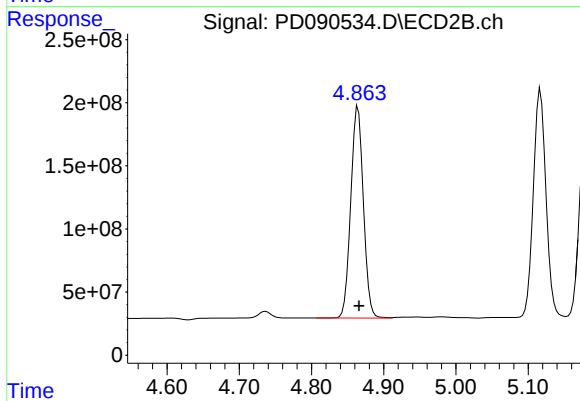
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 2284450355
Conc: 55.32 ng/ml



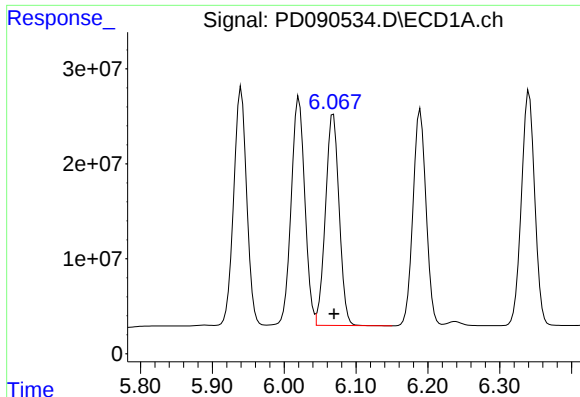
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: -0.002 min
Response: 308888697
Conc: 54.05 ng/ml



#8 Heptachlor epoxide

R.T.: 4.864 min
Delta R.T.: -0.001 min
Response: 2025390512
Conc: 54.94 ng/ml



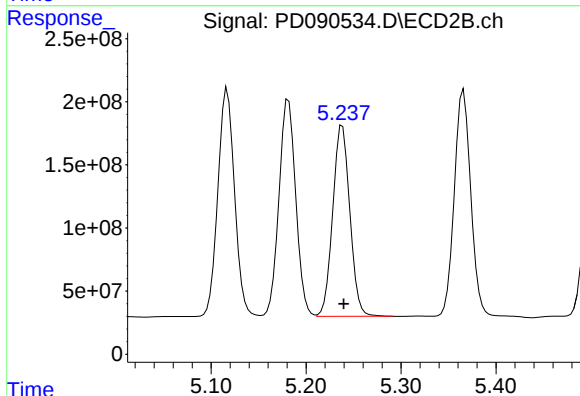
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: -0.001 min
Response: 294122406
Conc: 54.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

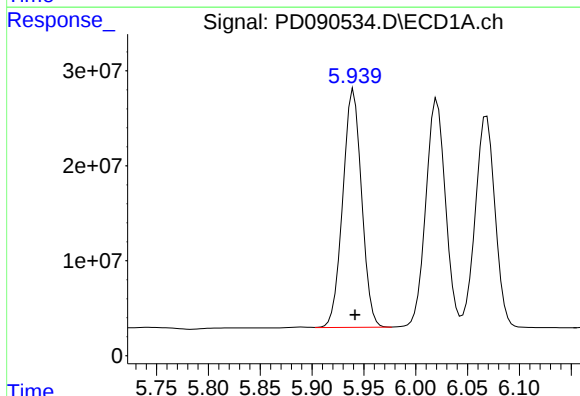
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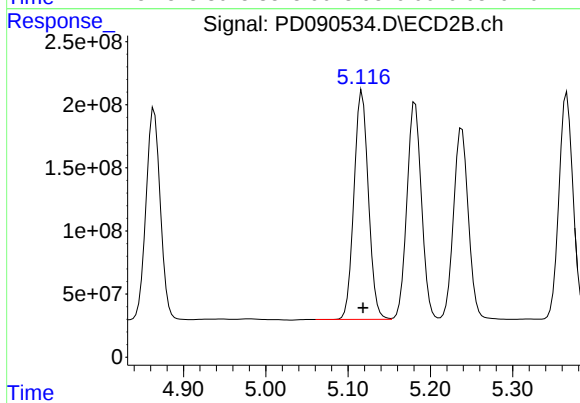
#9 Endosulfan I

R.T.: 5.238 min
Delta R.T.: -0.002 min
Response: 1895788951
Conc: 54.78 ng/ml



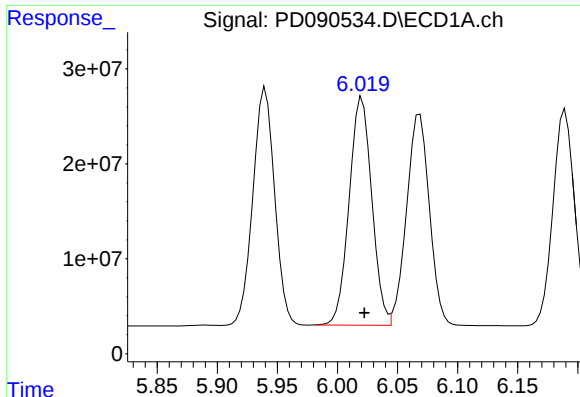
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.001 min
Response: 316517919
Conc: 55.41 ng/ml



#10 gamma-Chlordane

R.T.: 5.117 min
Delta R.T.: -0.001 min
Response: 2206715425
Conc: 56.17 ng/ml



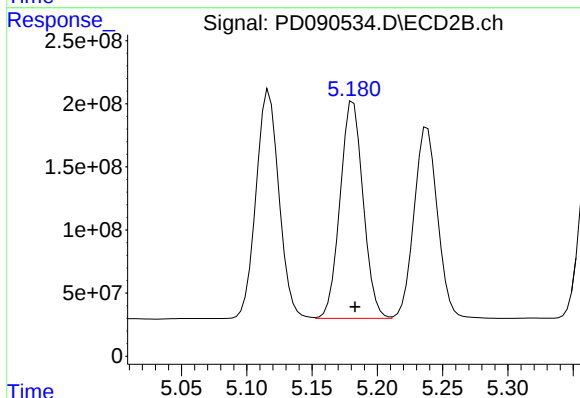
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: -0.002 min
Response: 315489743
Conc: 54.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

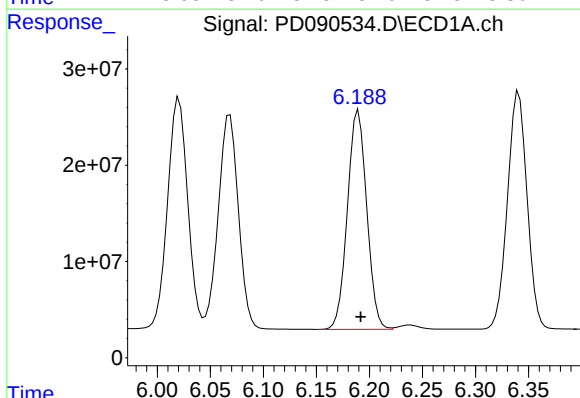
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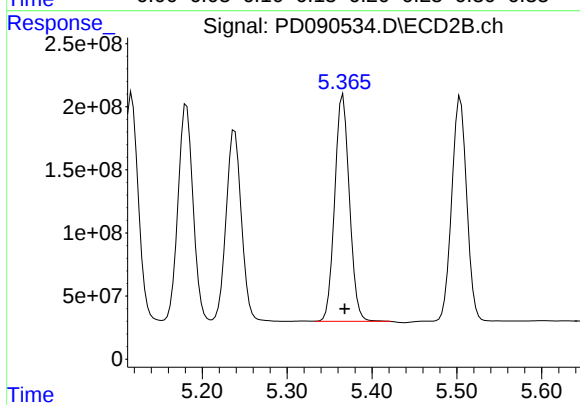
#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: -0.001 min
Response: 2114619763
Conc: 56.14 ng/ml



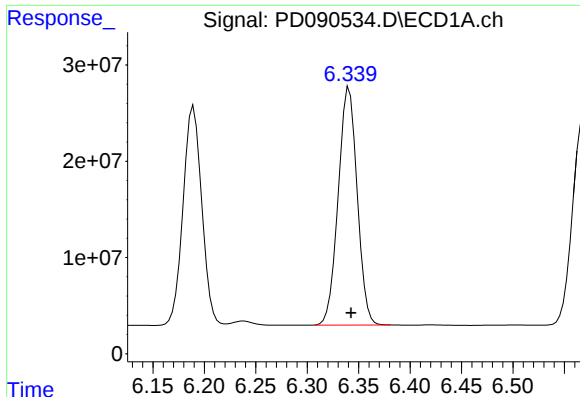
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.002 min
Response: 288078748
Conc: 55.32 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: -0.002 min
Response: 2160630745
Conc: 56.44 ng/ml



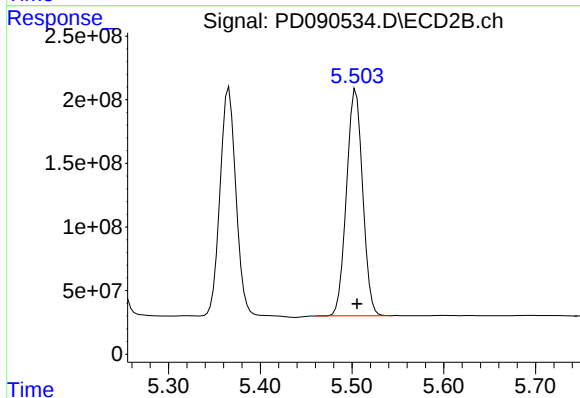
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.002 min
Response: 317029419
Conc: 55.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

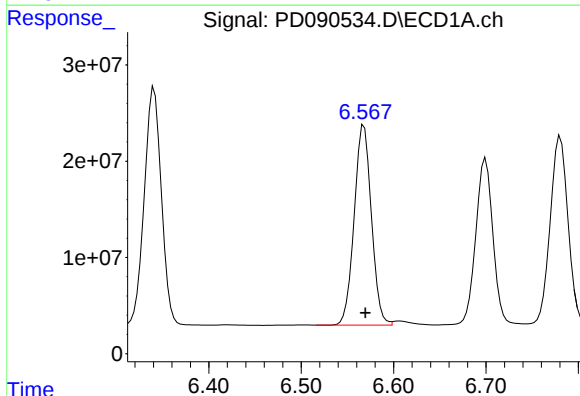
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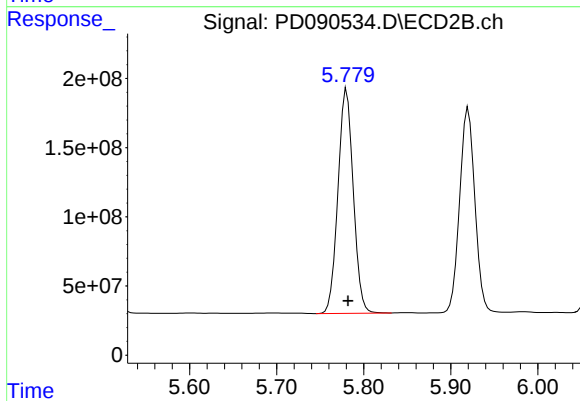
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.002 min
Response: 2176816646
Conc: 55.89 ng/ml



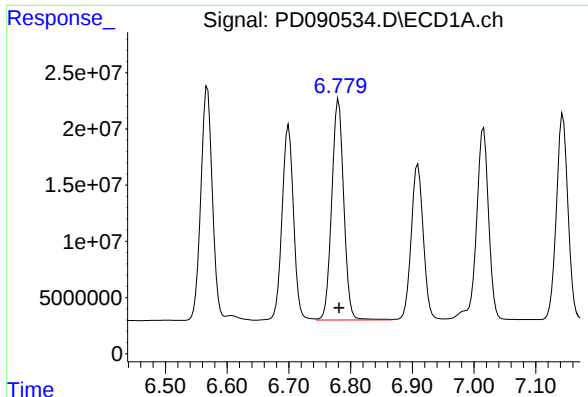
#14 Endrin

R.T.: 6.568 min
Delta R.T.: -0.001 min
Response: 268940959
Conc: 54.95 ng/ml



#14 Endrin

R.T.: 5.781 min
Delta R.T.: -0.002 min
Response: 1984031424
Conc: 55.37 ng/ml



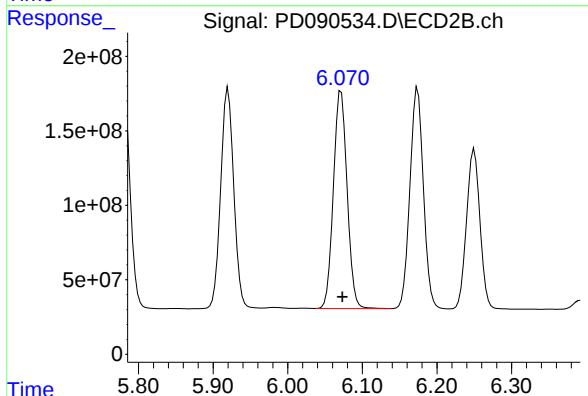
#15 Endosulfan II

R.T.: 6.781 min
Delta R.T.: -0.001 min
Response: 266600572
Conc: 54.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

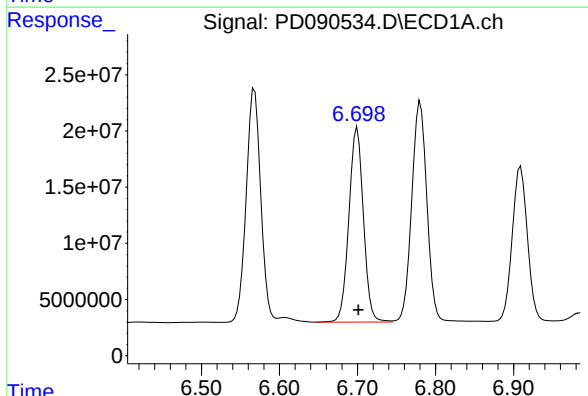
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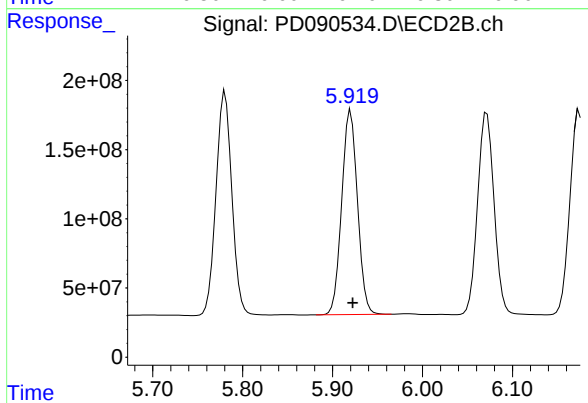
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 1872527420
Conc: 55.48 ng/ml



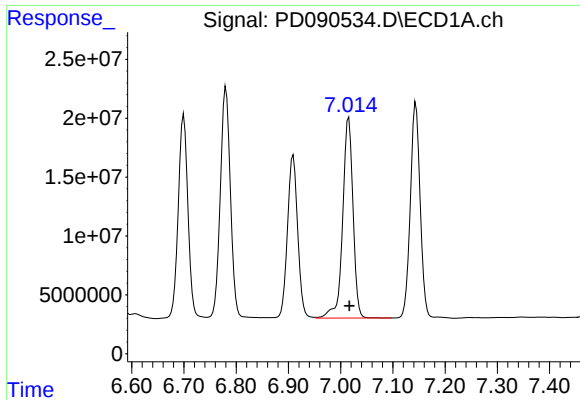
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: -0.002 min
Response: 224101526
Conc: 54.69 ng/ml



#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: -0.002 min
Response: 1800328695
Conc: 55.52 ng/ml



#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: -0.001 min
Response: 234140422
Conc: 52.59 ng/ml

Instrument :

ECD_D

ClientSampleId :

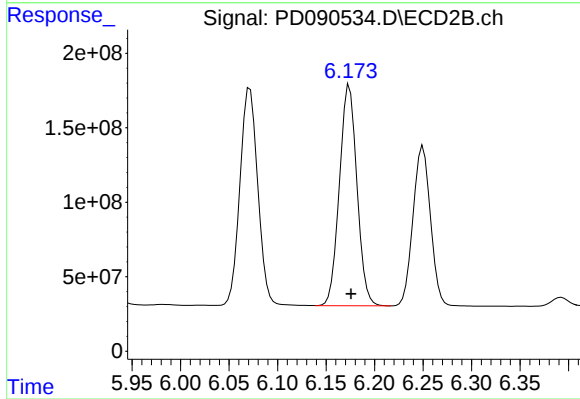
PSTDCCC050

Manual Integrations

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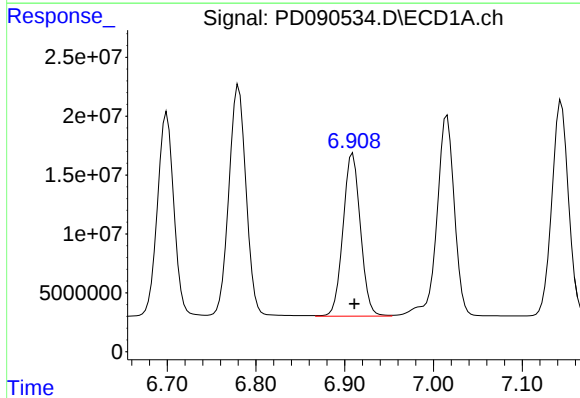
Reviewed By :Abdul Mirza 10/08/2025

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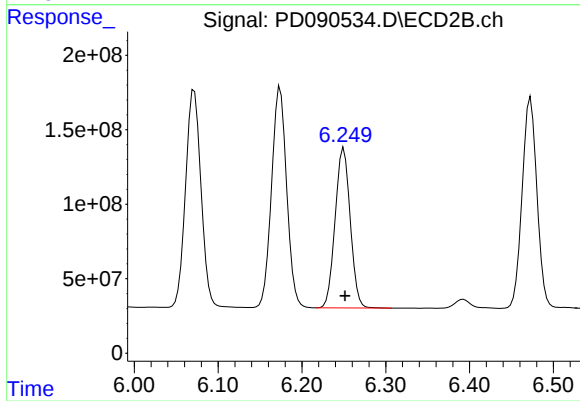
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.002 min
Response: 1864902880
Conc: 54.25 ng/ml



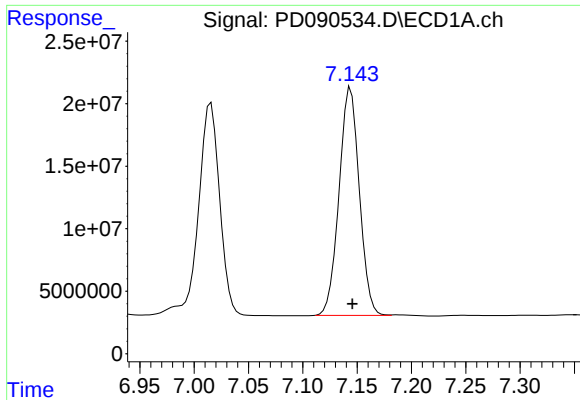
#18 Endrin aldehyde

R.T.: 6.909 min
Delta R.T.: -0.002 min
Response: 188647666
Conc: 54.99 ng/ml



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: -0.002 min
Response: 1343169029
Conc: 57.04 ng/ml



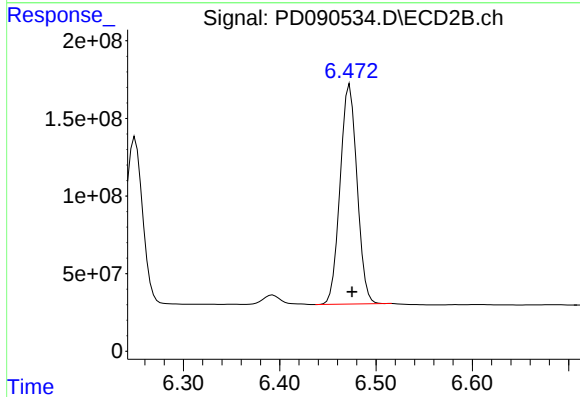
#19 Endosulfan Sulfate

R.T.: 7.144 min
Delta R.T.: -0.001 min
Response: 236873084
Conc: 51.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

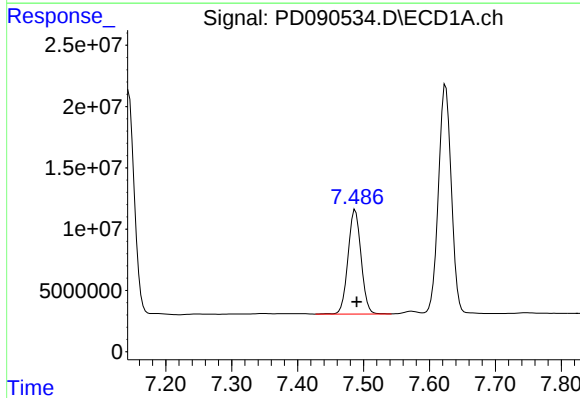
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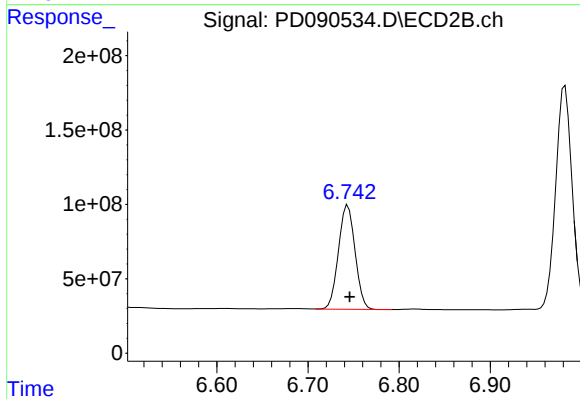
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: -0.002 min
Response: 1724681437
Conc: 52.76 ng/ml



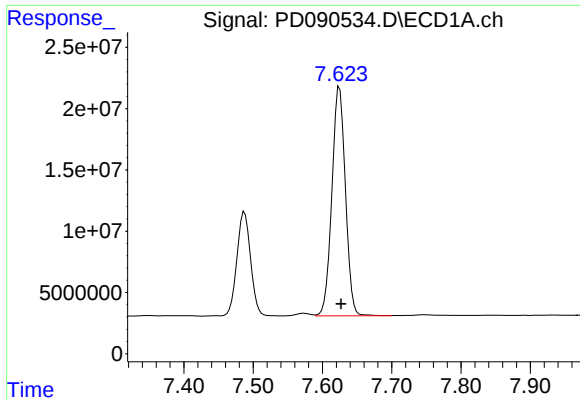
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: -0.002 min
Response: 117095294
Conc: 49.69 ng/ml



#20 Methoxychlor

R.T.: 6.744 min
Delta R.T.: -0.002 min
Response: 888665264
Conc: 51.07 ng/ml



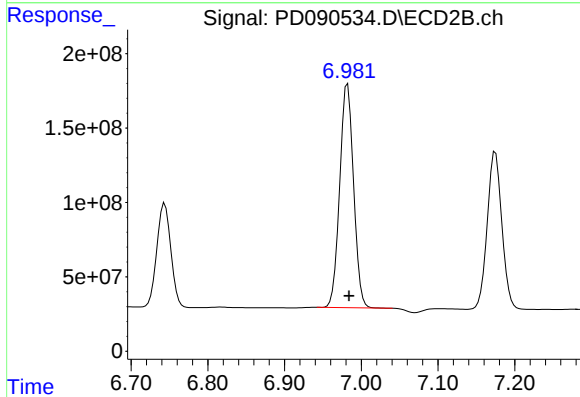
#21 Endrin ketone

R.T.: 7.625 min
Delta R.T.: -0.002 min
Response: 253800358
Conc: 51.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

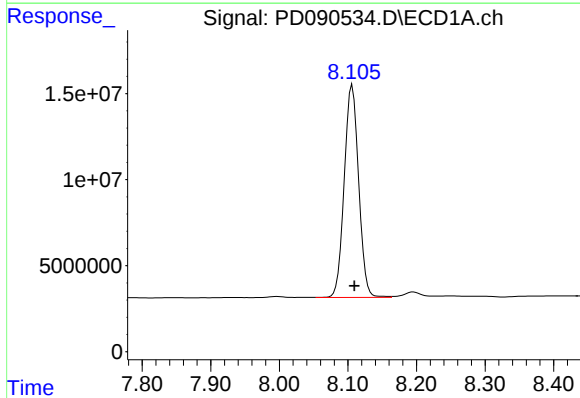
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/08/2025
Supervised By :mohammad ahmed 10/09/2025



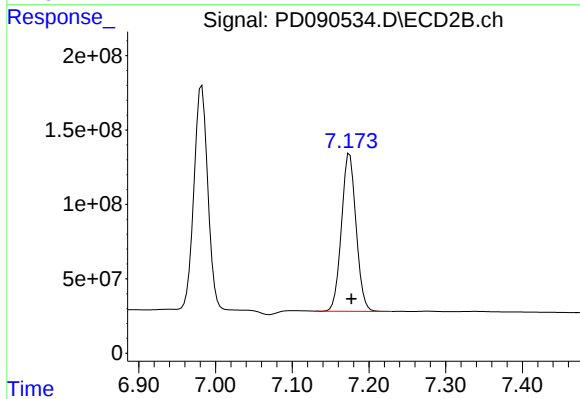
#21 Endrin ketone

R.T.: 6.982 min
Delta R.T.: -0.002 min
Response: 1890207251
Conc: 52.36 ng/ml



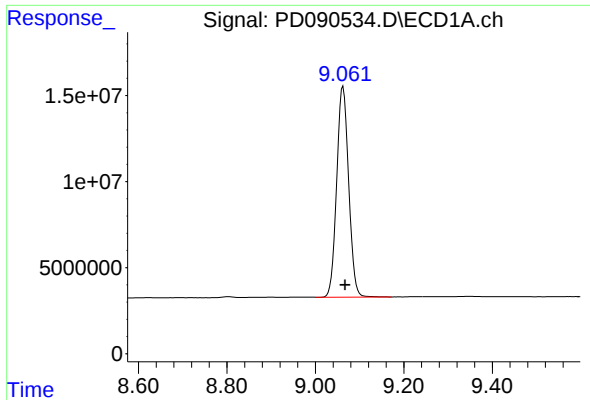
#22 Mirex

R.T.: 8.106 min
Delta R.T.: -0.003 min
Response: 180550063
Conc: 48.73 ng/ml



#22 Mirex

R.T.: 7.175 min
Delta R.T.: -0.003 min
Response: 1402993445
Conc: 50.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.005 min
Response: 230254265
Conc: 47.72 ng/ml

Instrument :

ECD_D

ClientSampleId :

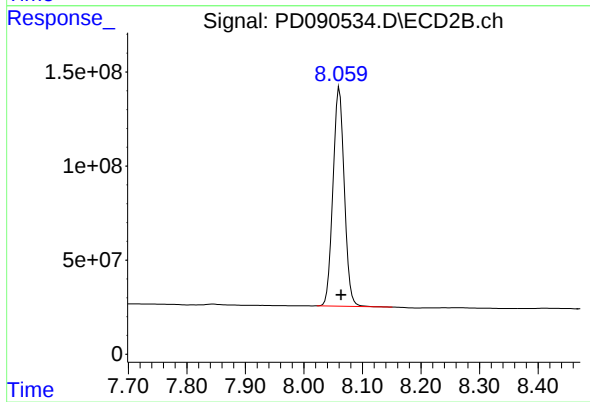
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 10/08/2025

Supervised By :mohammad ahmed 10/09/2025



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.003 min
Response: 1563204810
Conc: 48.23 ng/ml