

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082925\
 Data File : PD090093.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Aug 2025 15:42
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/02/2025
 Supervised By : mohammad ahmed 09/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 29 23:21:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 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 x 0.5 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...	3.557	2.878	137.6E6	1013.8E6	46.874	45.976
28)	SA Decachlor...	9.080	8.068	207.8E6	1075.8E6	48.144	41.560
Target Compounds							
2)	A alpha-BHC	4.006	3.390	308.4E6	1604.1E6	51.389	47.263
3)	MA gamma-BHC...	4.337	3.726	305.9E6	1478.9E6	53.407	47.445
4)	MA Heptachlor	4.936	4.079	288.9E6	1470.4E6	51.503	47.140
5)	MB Aldrin	5.277	4.364	279.6E6	1442.4E6	51.639	47.361
6)	B beta-BHC	4.524	4.022	111.1E6	621.6E6	49.523	46.628
7)	B delta-BHC	4.771	4.258	291.5E6	1503.6E6	56.290m	47.656
8)	B Heptachlo...	5.697	4.868	245.8E6	1325.9E6	50.092	47.877
9)	A Endosulfan I	6.081	5.243	229.1E6	1202.4E6	49.644	45.856
10)	B gamma-Chl...	5.953	5.122	243.5E6	1414.3E6	49.794	47.761
11)	B alpha-Chl...	6.033	5.186	244.5E6	1337.7E6	49.674	46.872
12)	B 4,4'-DDE	6.202	5.370	216.5E6	1340.2E6	49.346	46.497
13)	MA Dieldrin	6.353	5.509	248.6E6	1373.6E6	50.780	46.902
14)	MA Endrin	6.581	5.786	207.5E6	1315.9E6	50.076	49.411
15)	B Endosulfa...	6.793	6.077	202.9E6	1169.5E6	48.082	46.233
16)	A 4,4'-DDD	6.711	5.925	172.1E6	1113.0E6	49.765m	46.291
17)	MA 4,4'-DDT	7.028	6.180	187.9E6	1135.3E6	49.318	45.286
18)	B Endrin al...	6.922	6.255	149.1E6	840.3E6	52.020	48.800
19)	B Endosulfa...	7.156	6.478	194.6E6	1082.9E6	49.656	44.419
20)	A Methoxychlor	7.501	6.750	91024084	598.6E6	45.385	46.419
21)	B Endrin ke...	7.637	6.989	203.2E6	1148.6E6	49.030	43.108
22)	Mirex	8.120	7.182	145.7E6	851.9E6	46.202	41.245

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082925\
Data File : PD090093.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Aug 2025 15:42
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

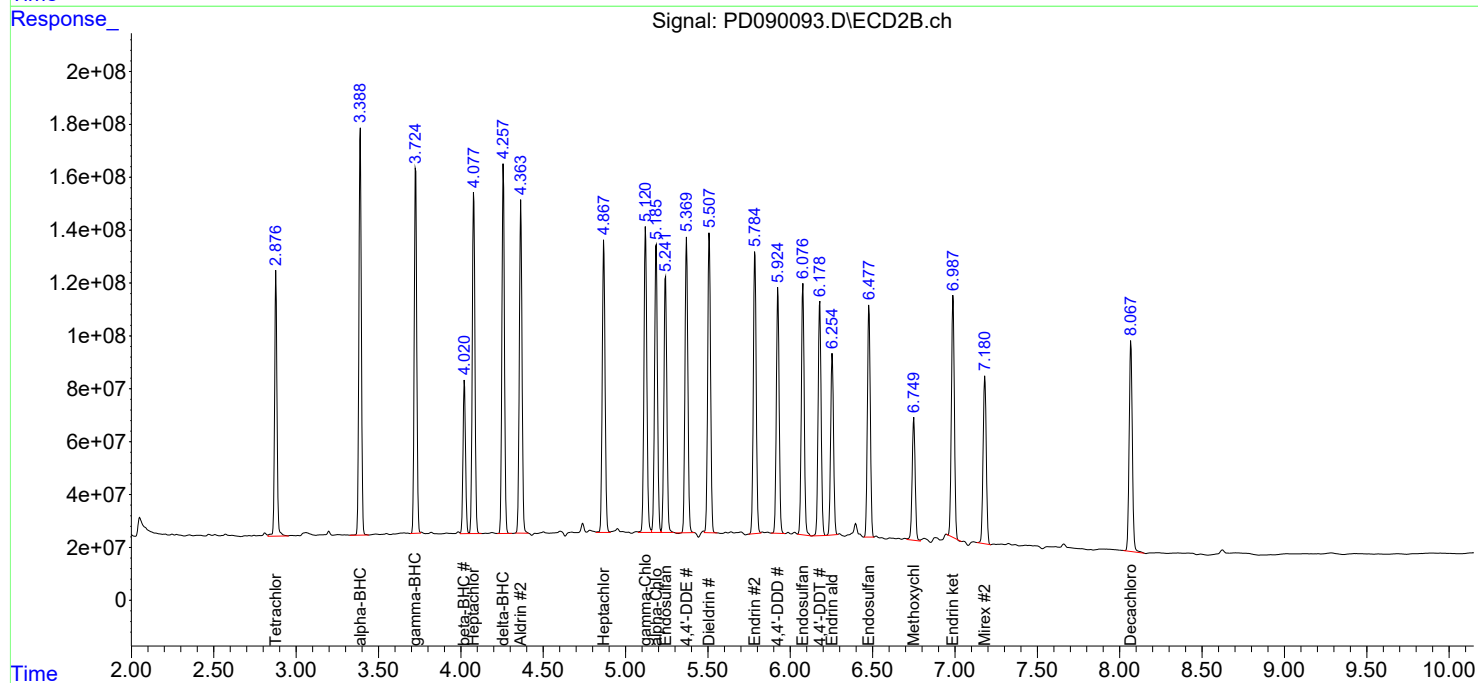
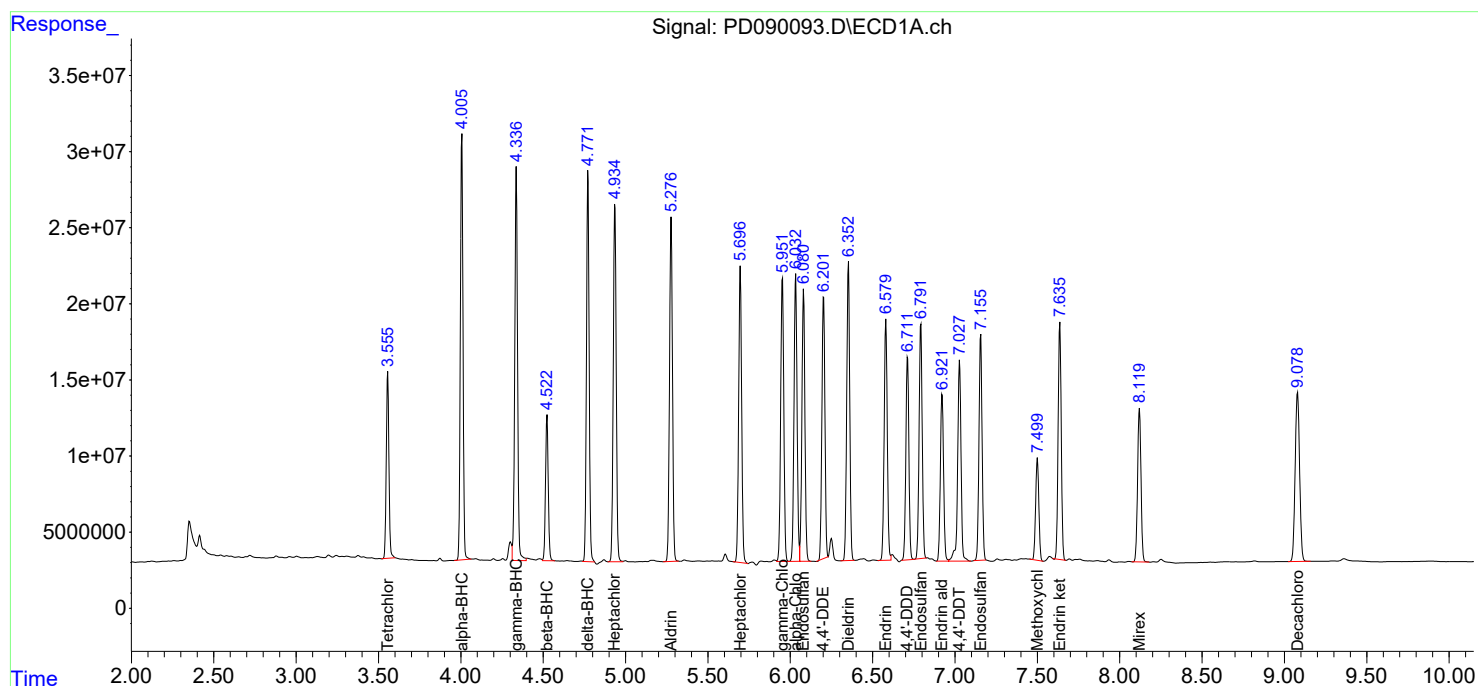
APPROVED

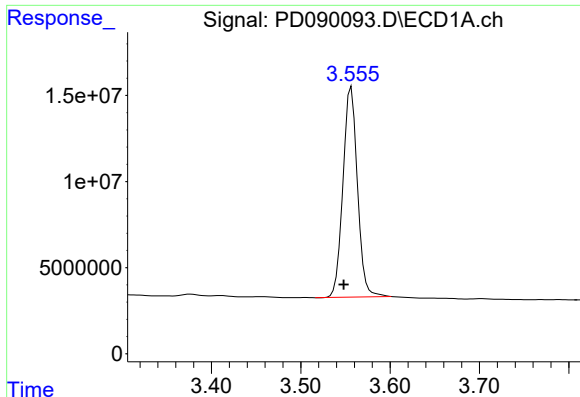
Reviewed By :Abdul Mirza 09/02/2025

Supervised By :mohammad ahmed 09/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 29 23:21:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 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





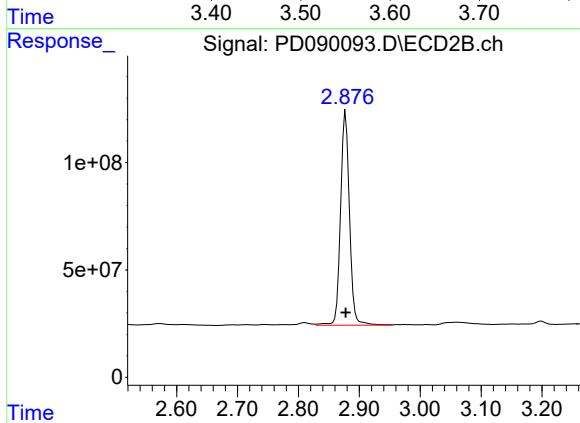
#1 Tetrachloro-m-xylene

R.T.: 3.557 min
Delta R.T.: 0.009 min
Response: 137566422
Conc: 46.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

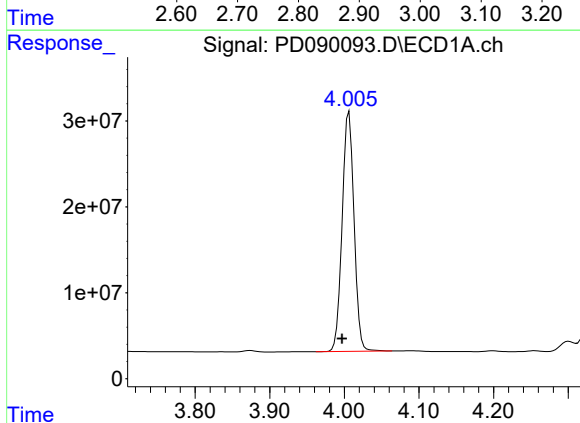
Manual Integrations
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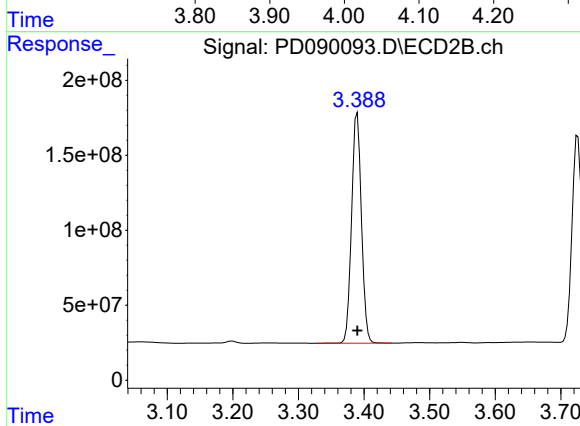
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 1013788411
Conc: 45.98 ng/ml



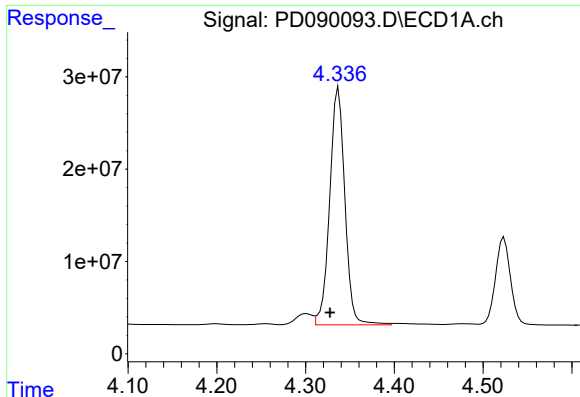
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.009 min
Response: 308449732
Conc: 51.39 ng/ml



#2 alpha-BHC

R.T.: 3.390 min
Delta R.T.: 0.000 min
Response: 1604054805
Conc: 47.26 ng/ml



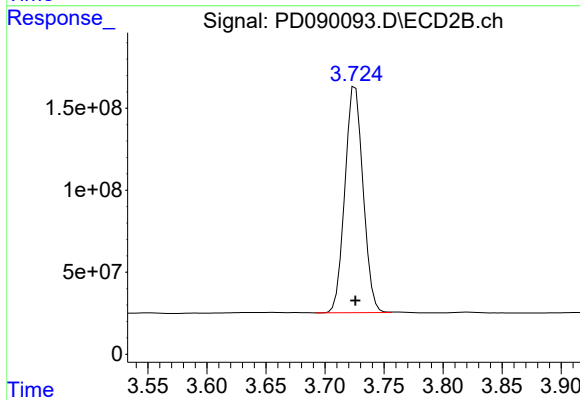
#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.009 min
Response: 305854134
Conc: 53.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

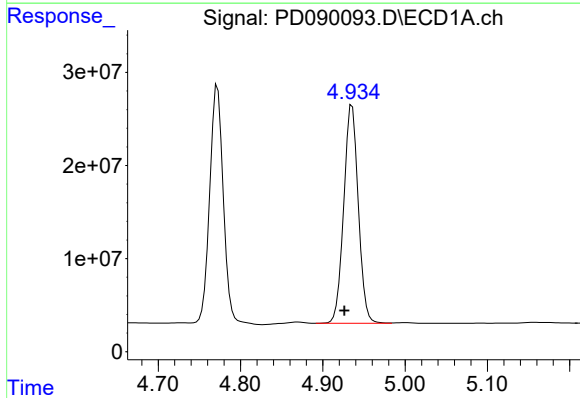
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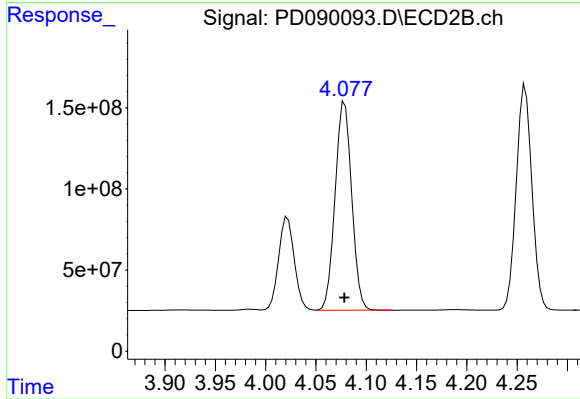
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 1478899669
Conc: 47.45 ng/ml



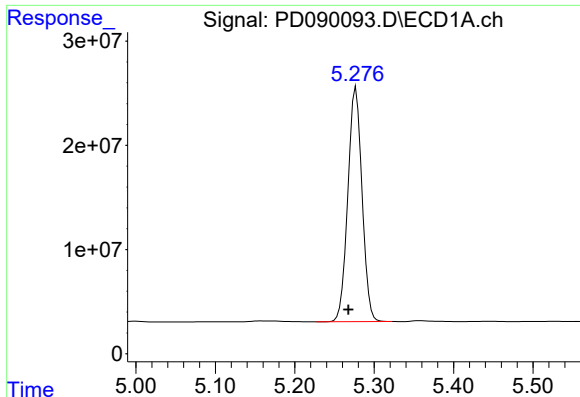
#4 Heptachlor

R.T.: 4.936 min
Delta R.T.: 0.009 min
Response: 288888731
Conc: 51.50 ng/ml



#4 Heptachlor

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 1470380143
Conc: 47.14 ng/ml



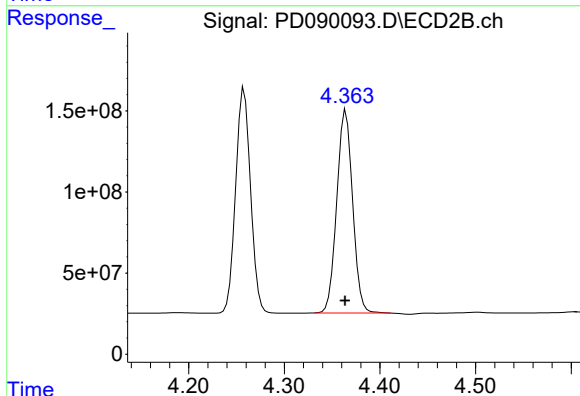
#5 Aldrin

R.T.: 5.277 min
Delta R.T.: 0.010 min
Response: 279600448
Conc: 51.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

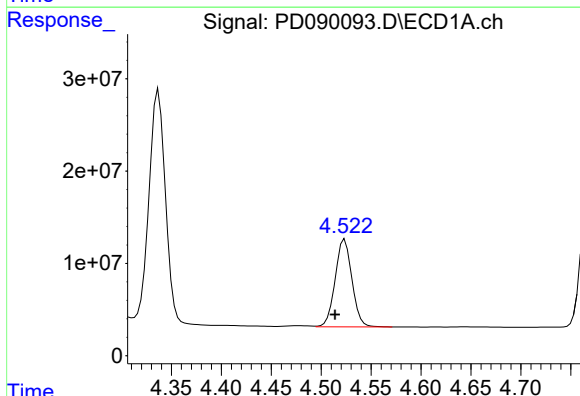
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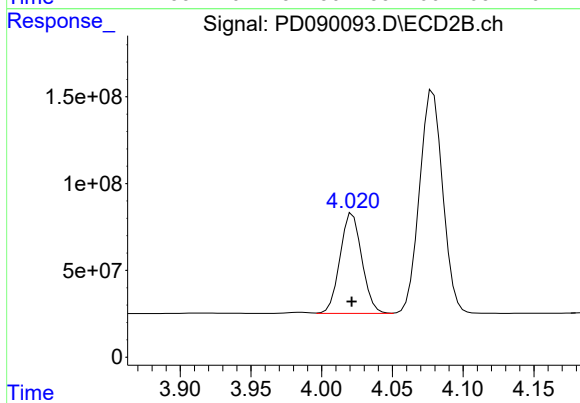
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 1442425958
Conc: 47.36 ng/ml



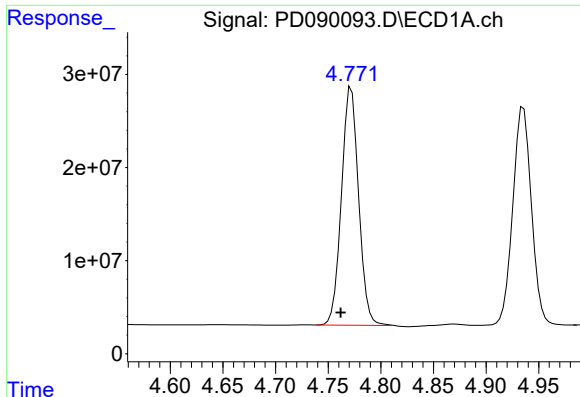
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.010 min
Response: 111082177
Conc: 49.52 ng/ml



#6 beta-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 621555199
Conc: 46.63 ng/ml



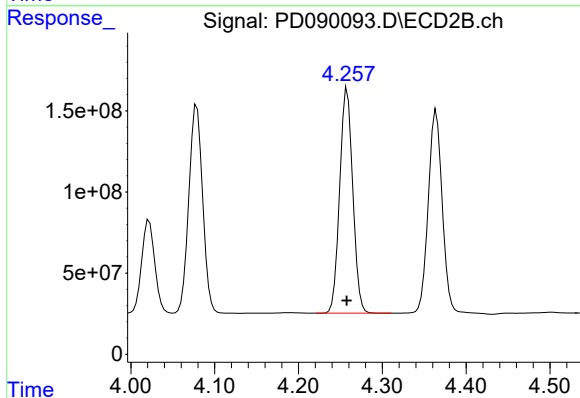
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: 0.009 min
Response: 291454568
Conc: 56.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

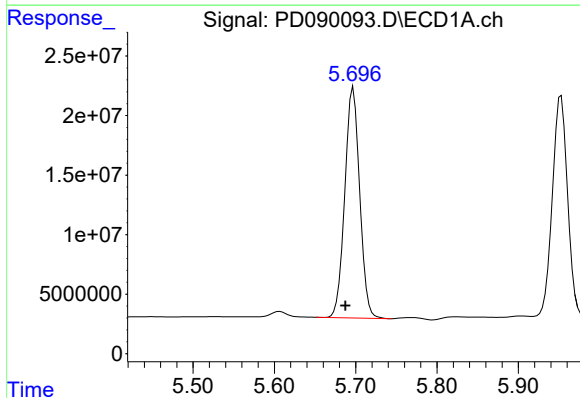
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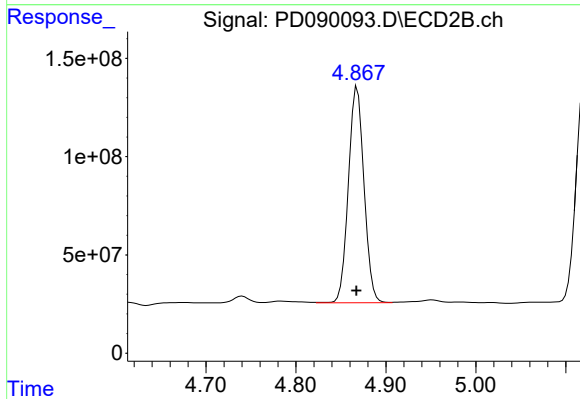
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 1503550392
Conc: 47.66 ng/ml



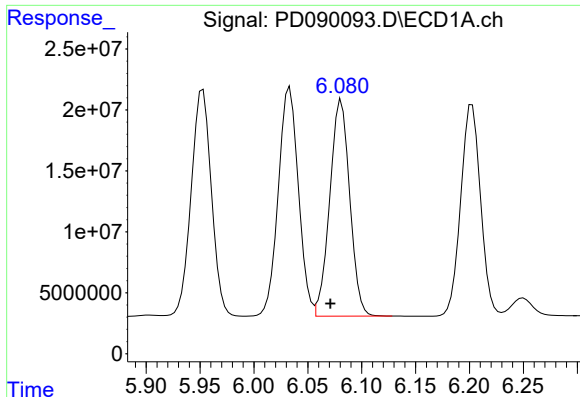
#8 Heptachlor epoxide

R.T.: 5.697 min
Delta R.T.: 0.010 min
Response: 245792590
Conc: 50.09 ng/ml



#8 Heptachlor epoxide

R.T.: 4.868 min
Delta R.T.: 0.001 min
Response: 1325948124
Conc: 47.88 ng/ml



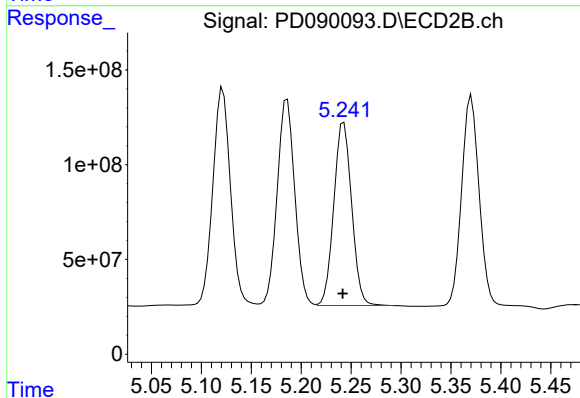
#9 Endosulfan I

R.T.: 6.081 min
Delta R.T.: 0.010 min
Response: 229102682
Conc: 49.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

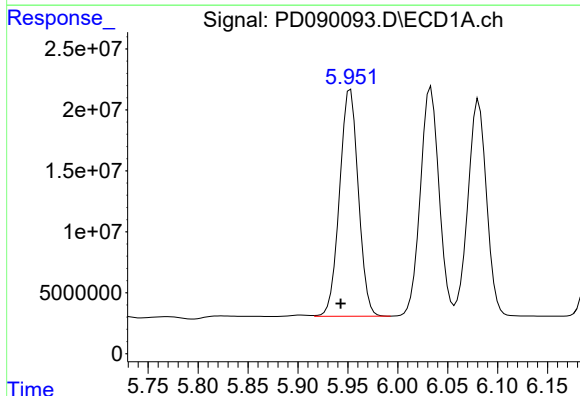
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Reviewed By :Abdul Mirza 09/02/2025
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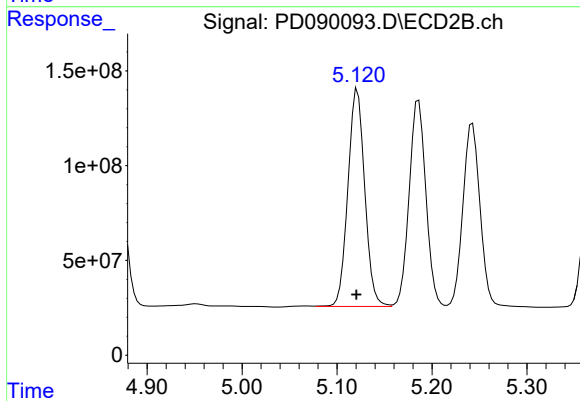
#9 Endosulfan I

R.T.: 5.243 min
Delta R.T.: 0.001 min
Response: 1202425442
Conc: 45.86 ng/ml



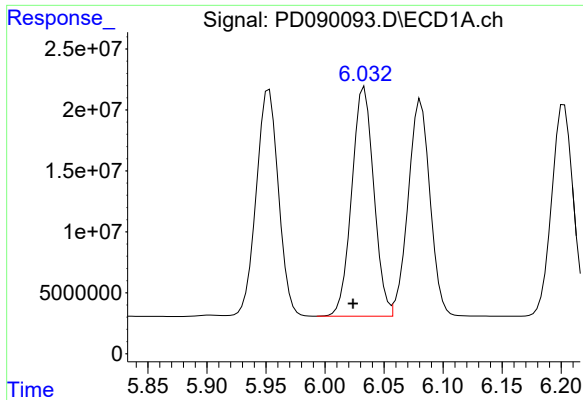
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.010 min
Response: 243541792
Conc: 49.79 ng/ml



#10 gamma-Chlordane

R.T.: 5.122 min
Delta R.T.: 0.001 min
Response: 1414253809
Conc: 47.76 ng/ml



#11 alpha-Chlordane

R.T.: 6.033 min
Delta R.T.: 0.010 min
Response: 244516182
Conc: 49.67 ng/ml

Instrument :

ECD_D

ClientSampleId :

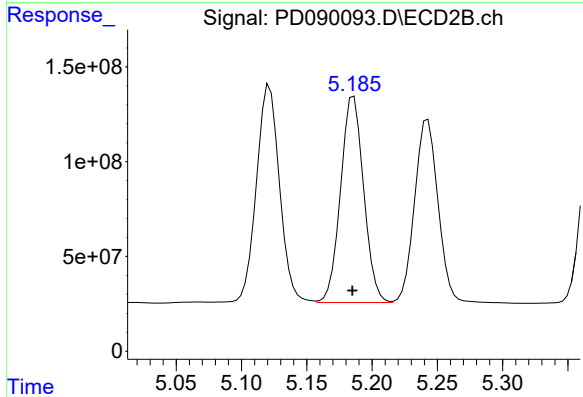
PSTDCCC050

Manual Integrations

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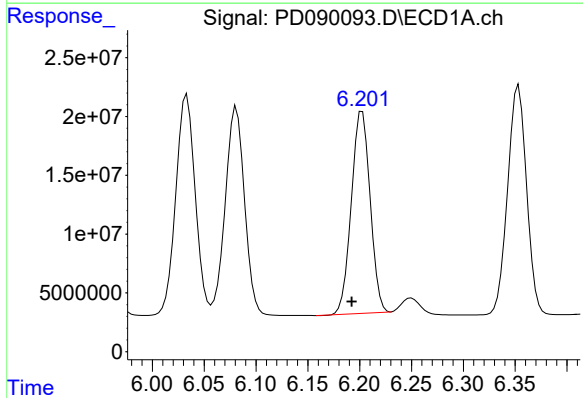
Reviewed By :Abdul Mirza 09/02/2025

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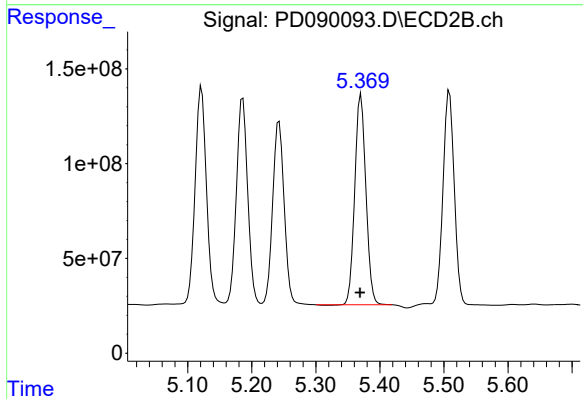
#11 alpha-Chlordane

R.T.: 5.186 min
Delta R.T.: 0.001 min
Response: 1337651555
Conc: 46.87 ng/ml



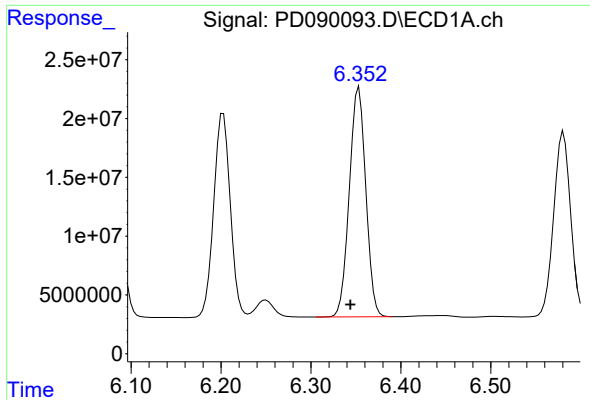
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.010 min
Response: 216545900
Conc: 49.35 ng/ml



#12 4,4'-DDE

R.T.: 5.370 min
Delta R.T.: 0.001 min
Response: 1340179084
Conc: 46.50 ng/ml



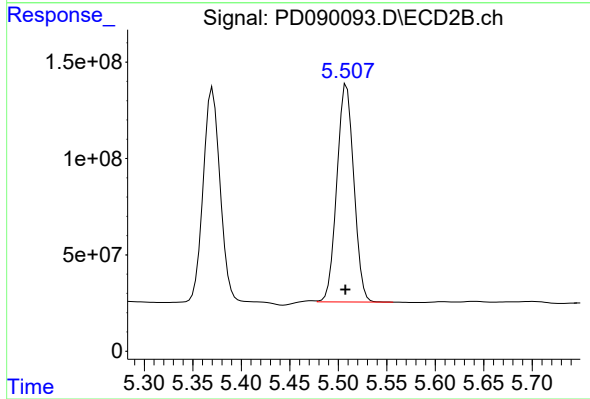
#13 Dieldrin

R.T.: 6.353 min
Delta R.T.: 0.009 min
Response: 248607639
Conc: 50.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

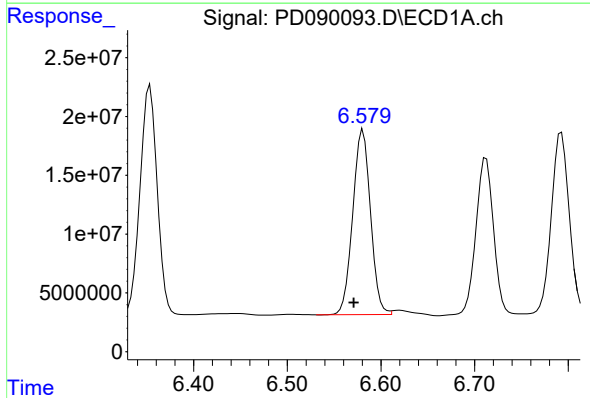
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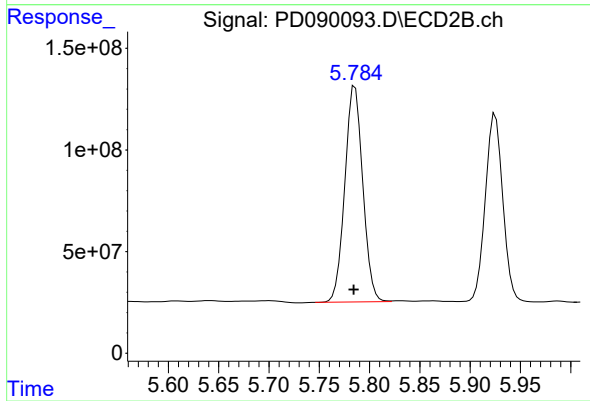
#13 Dieldrin

R.T.: 5.509 min
Delta R.T.: 0.001 min
Response: 1373639163
Conc: 46.90 ng/ml



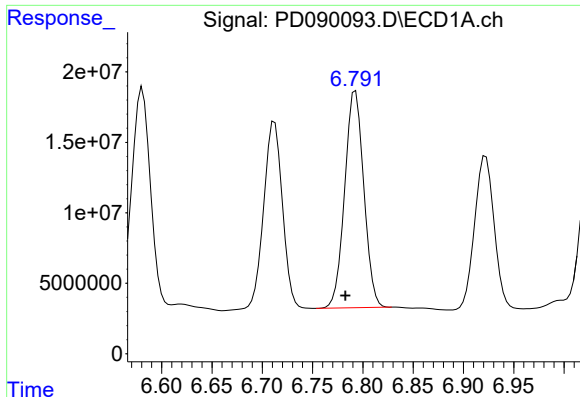
#14 Endrin

R.T.: 6.581 min
Delta R.T.: 0.010 min
Response: 207493394
Conc: 50.08 ng/ml



#14 Endrin

R.T.: 5.786 min
Delta R.T.: 0.001 min
Response: 1315923204
Conc: 49.41 ng/ml



#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.010 min
Response: 202893319
Conc: 48.08 ng/ml

Instrument :

ECD_D

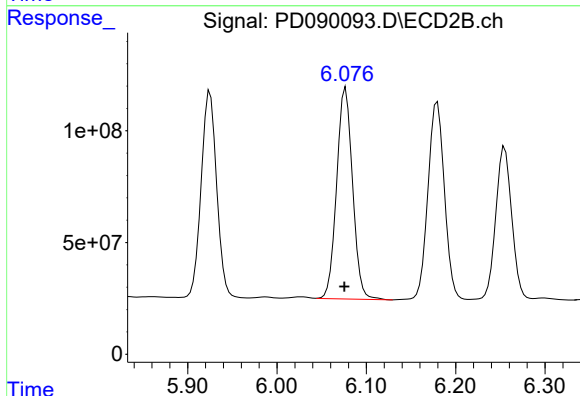
ClientSampleId :

PSTDCCC050

Manual Integrations

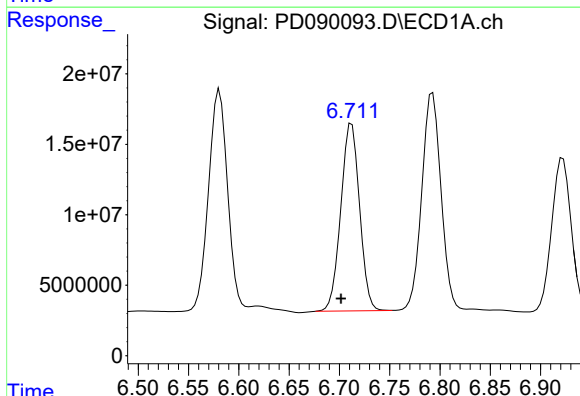
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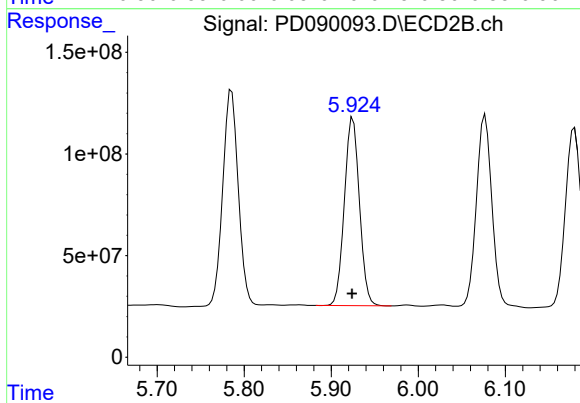
#15 Endosulfan II

R.T.: 6.077 min
Delta R.T.: 0.002 min
Response: 1169451414
Conc: 46.23 ng/ml



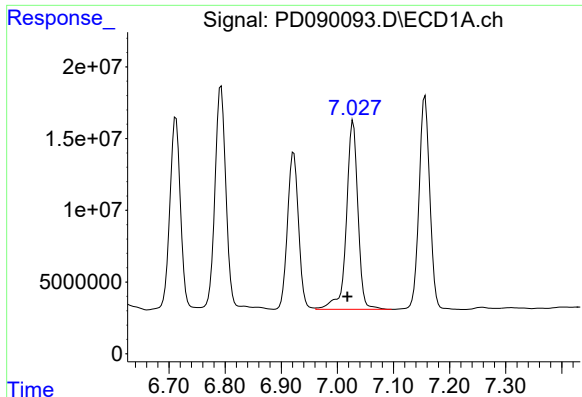
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.009 min
Response: 172142585
Conc: 49.77 ng/ml m



#16 4,4'-DDD

R.T.: 5.925 min
Delta R.T.: 0.001 min
Response: 1113005653
Conc: 46.29 ng/ml



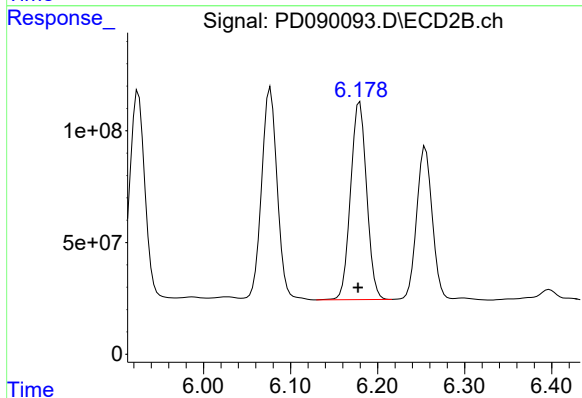
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.010 min
Response: 187889486
Conc: 49.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

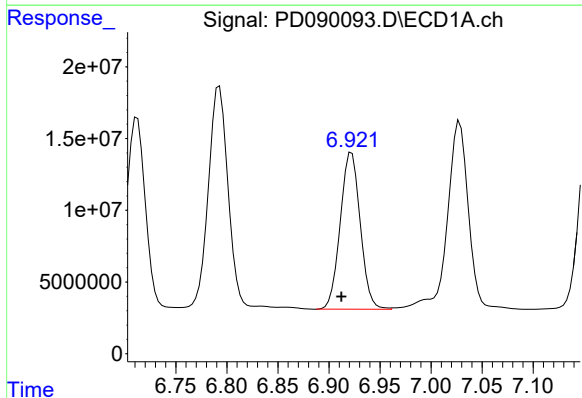
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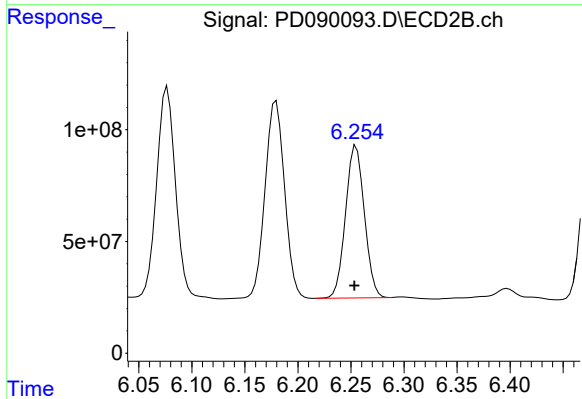
#17 4,4'-DDT

R.T.: 6.180 min
Delta R.T.: 0.002 min
Response: 1135303652
Conc: 45.29 ng/ml



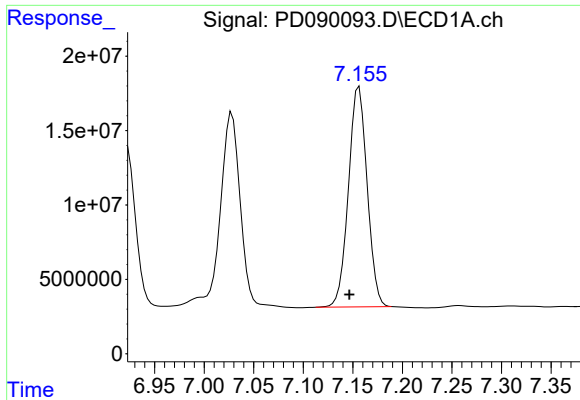
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.010 min
Response: 149149297
Conc: 52.02 ng/ml



#18 Endrin aldehyde

R.T.: 6.255 min
Delta R.T.: 0.002 min
Response: 840332535
Conc: 48.80 ng/ml



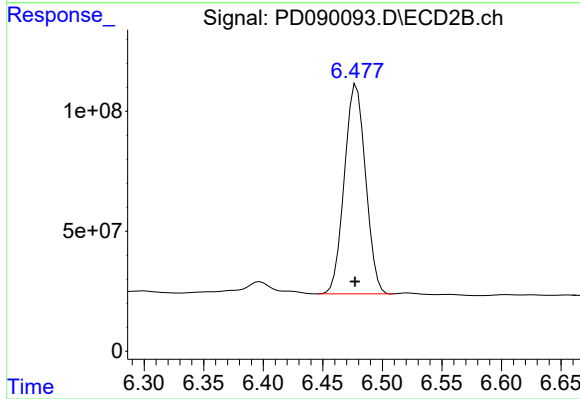
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: 0.009 min
Response: 194576781
Conc: 49.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

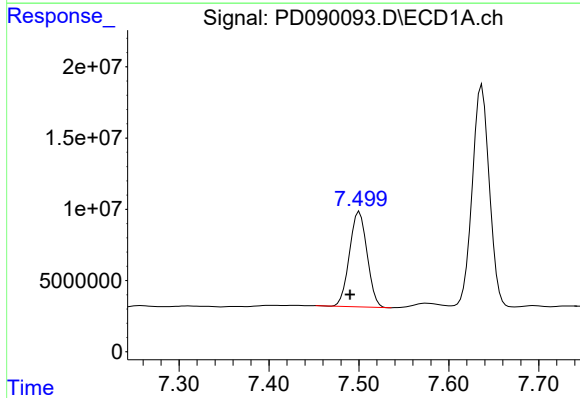
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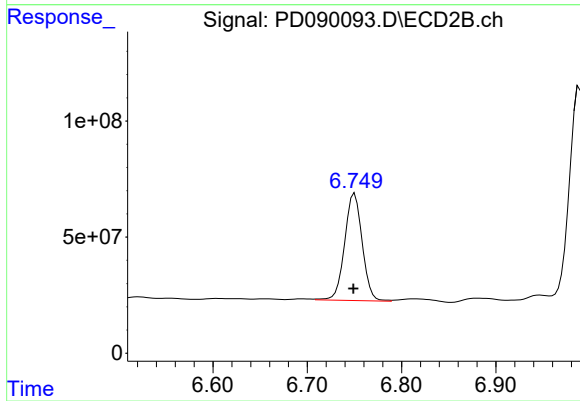
#19 Endosulfan Sulfate

R.T.: 6.478 min
Delta R.T.: 0.001 min
Response: 1082922256
Conc: 44.42 ng/ml



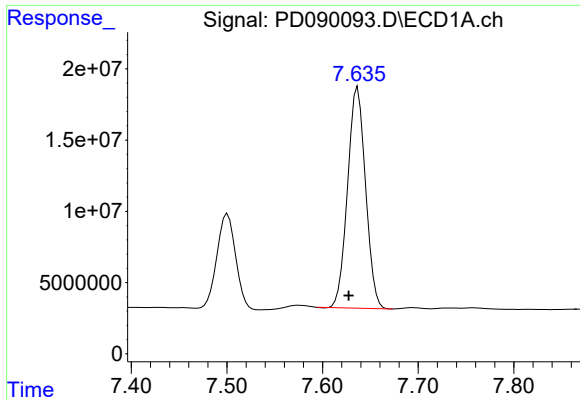
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.010 min
Response: 91024084
Conc: 45.38 ng/ml



#20 Methoxychlor

R.T.: 6.750 min
Delta R.T.: 0.001 min
Response: 598610388
Conc: 46.42 ng/ml



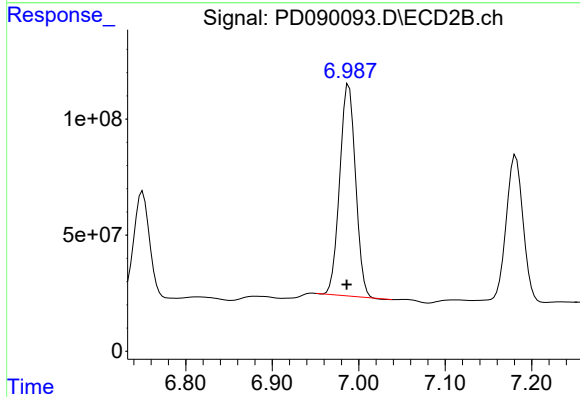
#21 Endrin ketone

R.T.: 7.637 min
Delta R.T.: 0.010 min
Response: 203207212
Conc: 49.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

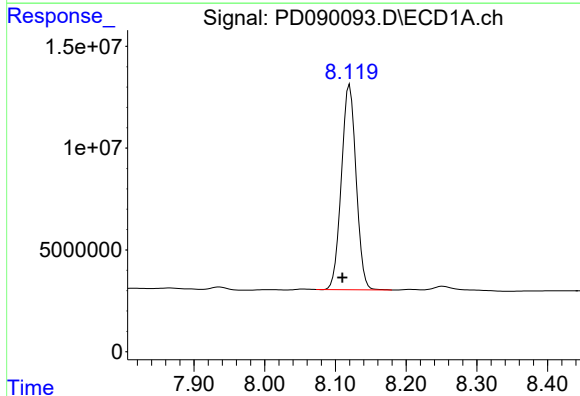
Manual Integrations
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Reviewed By :Abdul Mirza 09/02/2025
Supervised By :mohammad ahmed 09/03/2025



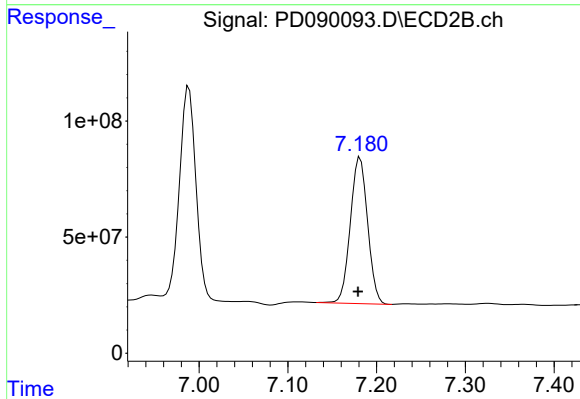
#21 Endrin ketone

R.T.: 6.989 min
Delta R.T.: 0.002 min
Response: 1148603595
Conc: 43.11 ng/ml



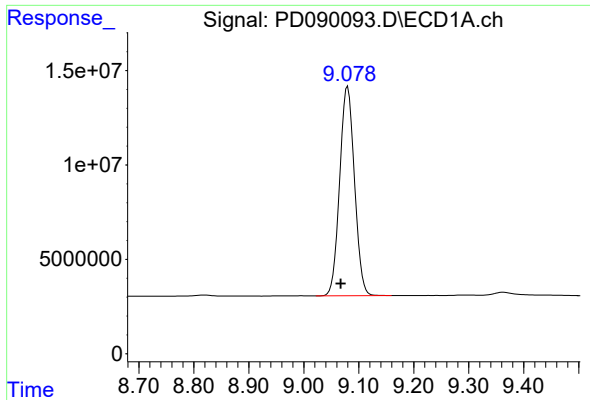
#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.010 min
Response: 145741911
Conc: 46.20 ng/ml



#22 Mirex

R.T.: 7.182 min
Delta R.T.: 0.002 min
Response: 851943389
Conc: 41.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.080 min
Delta R.T.: 0.013 min
Response: 207786219
Conc: 48.14 ng/ml

Instrument :

ECD_D

ClientSampleId :

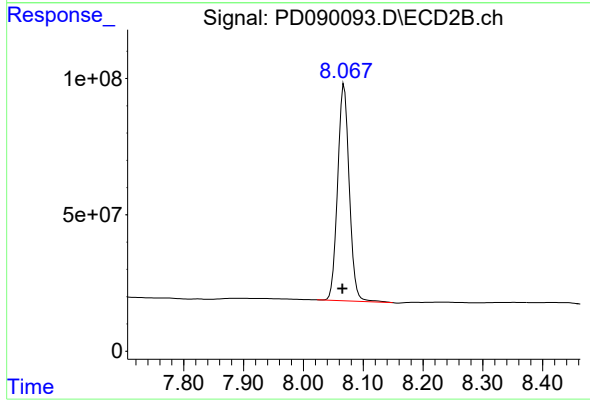
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 09/02/2025

Supervised By :mohammad ahmed 09/03/2025



#28 Decachlorobiphenyl

R.T.: 8.068 min
Delta R.T.: 0.003 min
Response: 1075808861
Conc: 41.56 ng/ml