

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090425\
 Data File : PD090157.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Sep 2025 18:22
 Operator : AR\AJ
 Sample : Q3009-01MS 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TR-04-090325MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/05/2025
 Supervised By :mohammad ahmed 09/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 02:04:36 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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.548	2.876	4404638	48981623	1.501m	2.221m#
28)	SA Decachlor...	9.071	8.066	7369257	47569837	1.707	1.838
Target Compounds							
2)	A alpha-BHC	3.998	3.388	26943051	177.6E6	4.489	5.233m
3)	MA gamma-BHC...	4.328	3.726	27285662	174.6E6	4.765m	5.600
4)	MA Heptachlor	4.927	4.078	27754892	180.2E6	4.948	5.777
5)	MB Aldrin	5.269	4.364	26796996	176.0E6	4.949	5.778
6)	B beta-BHC	4.515	4.021	11798547	86049330	5.260	6.455
7)	B delta-BHC	4.762	4.258	23323146	143.7E6	4.505m	4.553
8)	B Heptachlo...	5.688	4.868	25638856	167.3E6	5.225m	6.040
9)	A Endosulfan I	6.072	5.242	24729971	155.9E6	5.359	5.947
10)	B gamma-Chl...	5.943	5.119	25196399	170.3E6	5.152m	5.752m
11)	B alpha-Chl...	6.025	5.185	25229096	171.6E6	5.125	6.012
12)	B 4,4'-DDE	6.194	5.370	20897633	168.7E6	4.762	5.853
13)	MA Dieldrin	6.345	5.508	24121999	179.1E6	4.927	6.116
14)	MA Endrin	6.572	5.783	20482572	154.3E6	4.943	5.793m
15)	B Endosulfa...	6.785	6.076	20656566	146.0E6	4.895	5.774
16)	A 4,4'-DDD	6.704	5.925	17681915	135.5E6	5.112	5.638
17)	MA 4,4'-DDT	7.020	6.178	18122578	124.8E6	4.757	4.977
18)	B Endrin al...	6.914	6.254	17297241	109.1E6	6.033	6.335
19)	B Endosulfa...	7.149	6.477	19085709	130.9E6	4.871	5.368
20)	A Methoxychlor	7.491	6.749	11096400	66797199	5.533	5.180
21)	B Endrin ke...	7.629	6.986	20426647	141.0E6	4.929	5.292
22)	Mirex	8.112	7.178	16455601	110.3E6	5.217	5.340m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090425\
Data File : PD090157.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 18:22
Operator : AR\AJ
Sample : Q3009-01MS 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

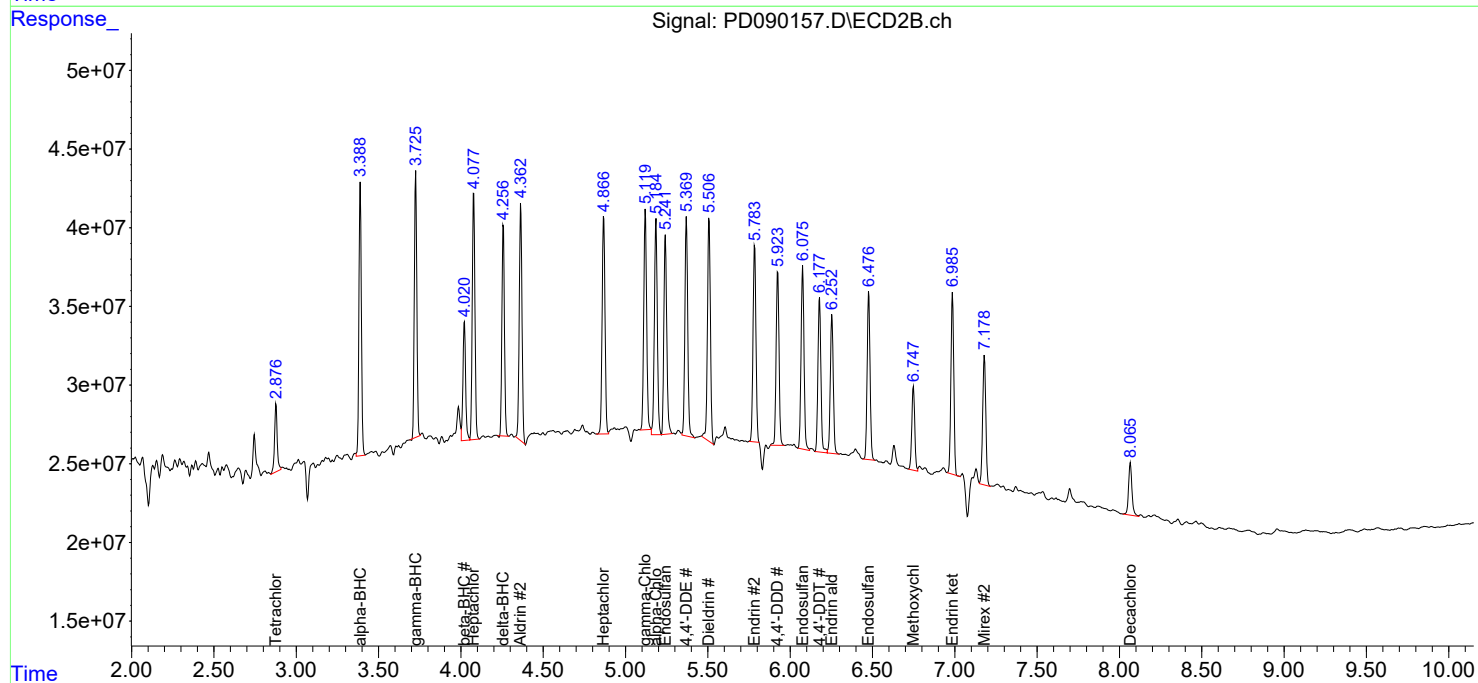
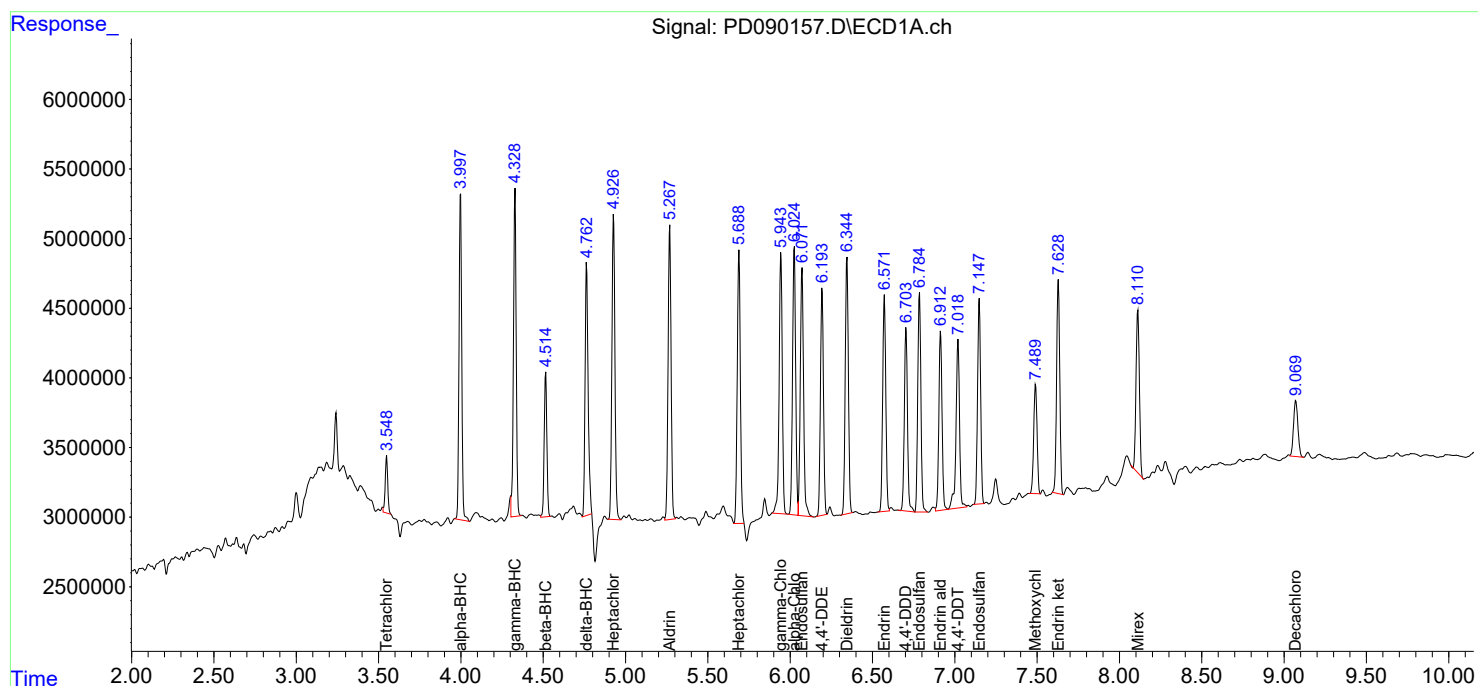
Instrument :
ECD_D
ClientSampleId :
TR-04-090325MS

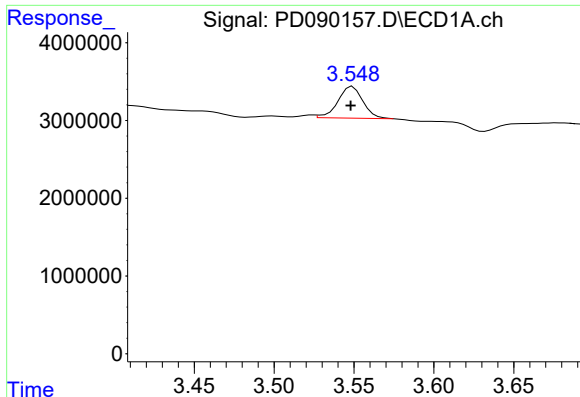
Manual Integrations
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Supervised By :mohammad ahmed 09/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 02:04:36 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





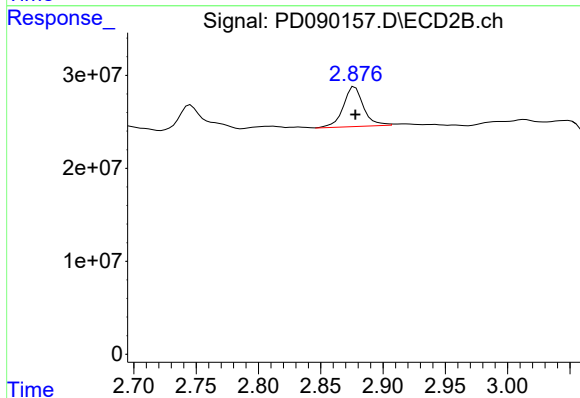
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 4404638
Conc: 1.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-04-090325MS

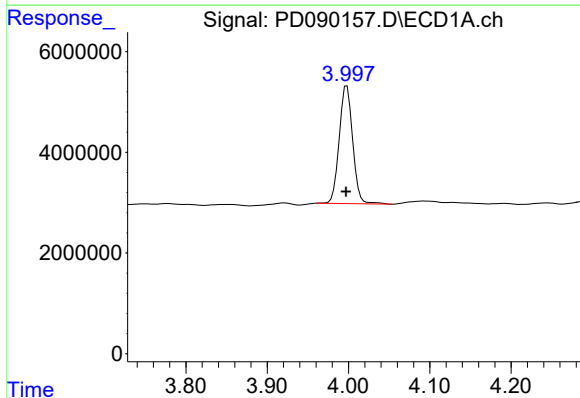
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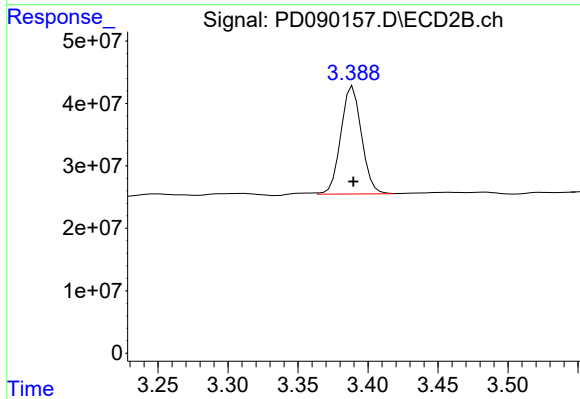
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.002 min
Response: 48981623
Conc: 2.22 ng/ml m



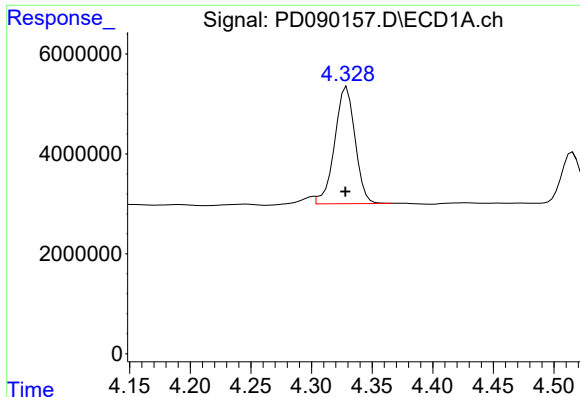
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.001 min
Response: 26943051
Conc: 4.49 ng/ml



#2 alpha-BHC

R.T.: 3.388 min
Delta R.T.: -0.002 min
Response: 177614874
Conc: 5.23 ng/ml m



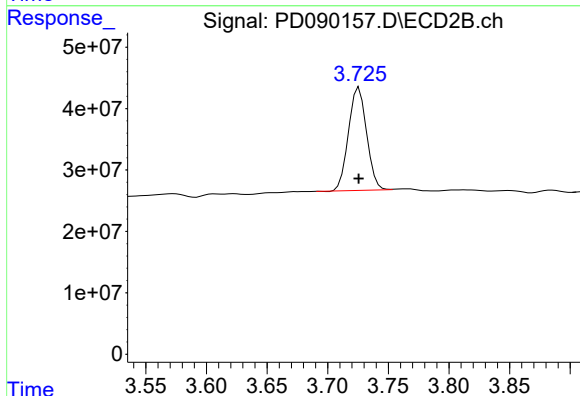
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 27285662
Conc: 4.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-04-090325MS

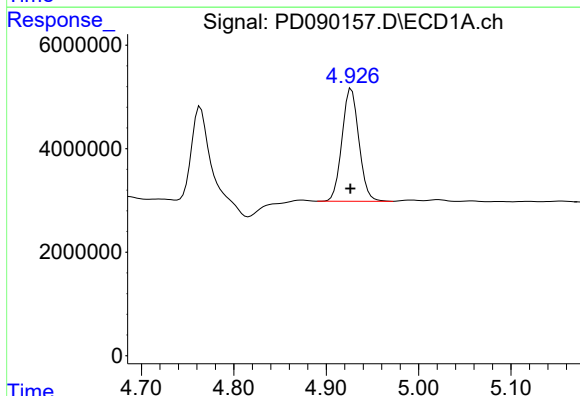
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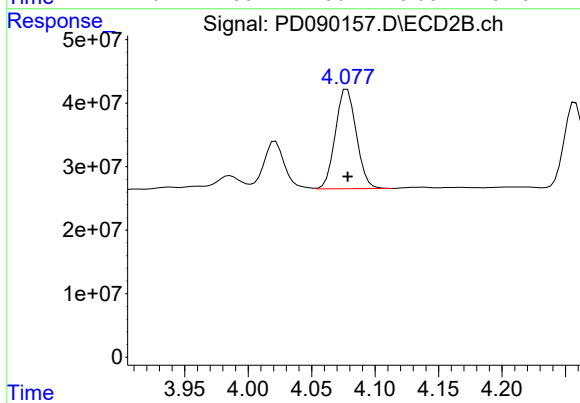
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 174569004
Conc: 5.60 ng/ml



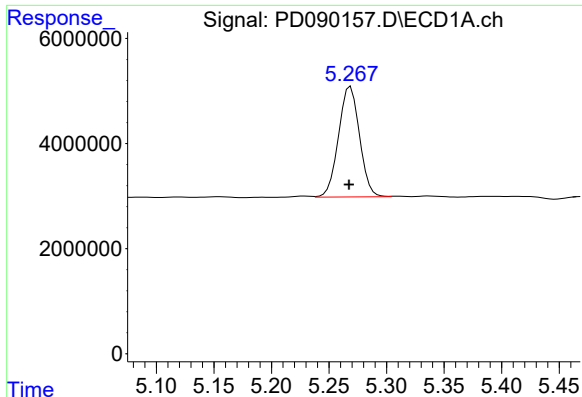
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.001 min
Response: 27754892
Conc: 4.95 ng/ml



#4 Heptachlor

R.T.: 4.078 min
Delta R.T.: 0.000 min
Response: 180193760
Conc: 5.78 ng/ml



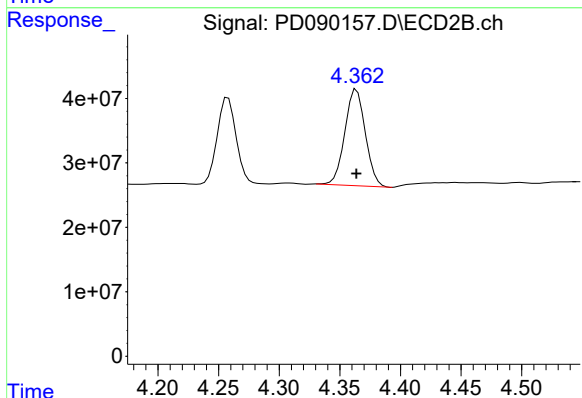
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.001 min
Response: 26796996
Conc: 4.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-04-090325MS

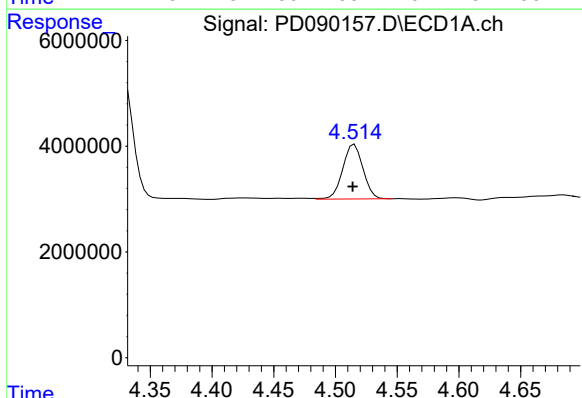
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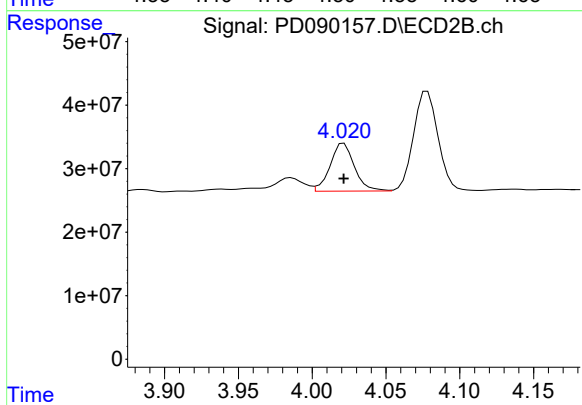
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 175980226
Conc: 5.78 ng/ml



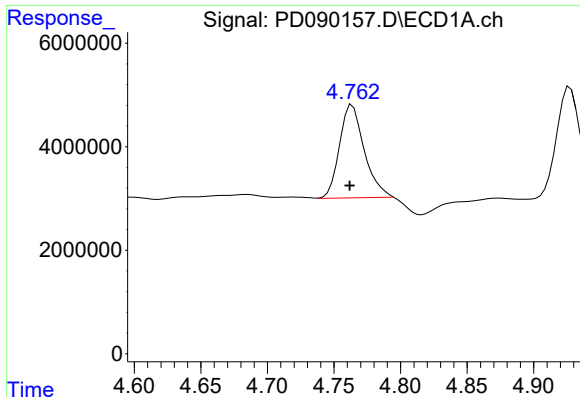
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.002 min
Response: 11798547
Conc: 5.26 ng/ml



#6 beta-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 86049330
Conc: 6.46 ng/ml



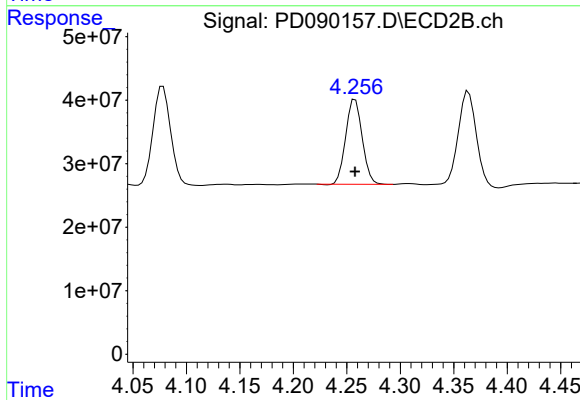
#7 delta-BHC

R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 23323146
Conc: 4.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-04-090325MS

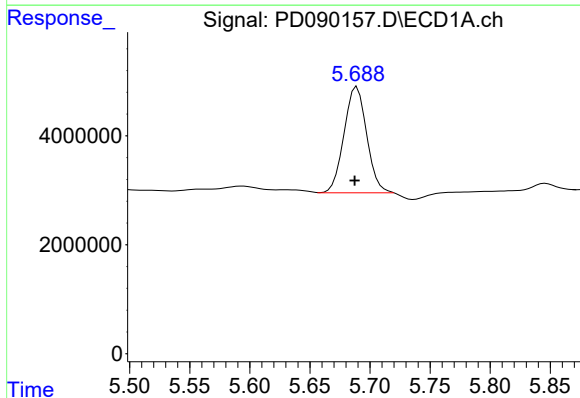
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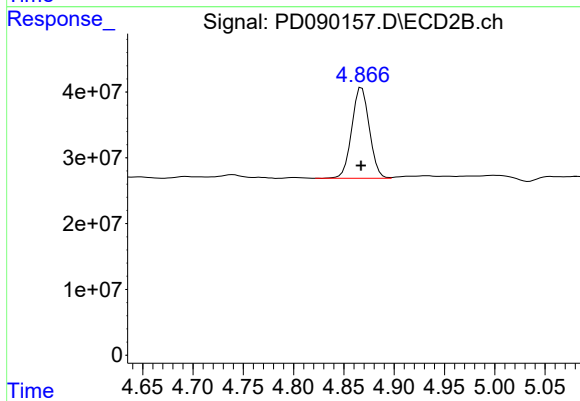
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 143662029
Conc: 4.55 ng/ml



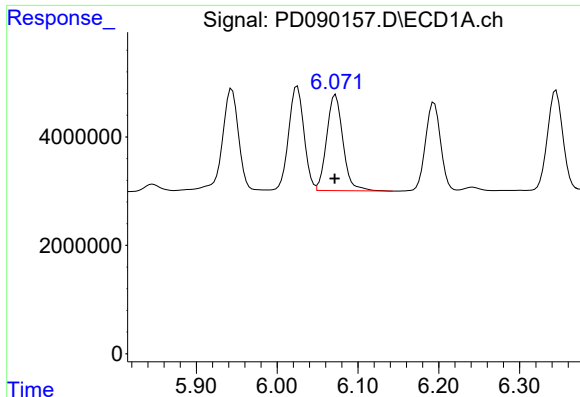
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 25638856
Conc: 5.23 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 167288900
Conc: 6.04 ng/ml



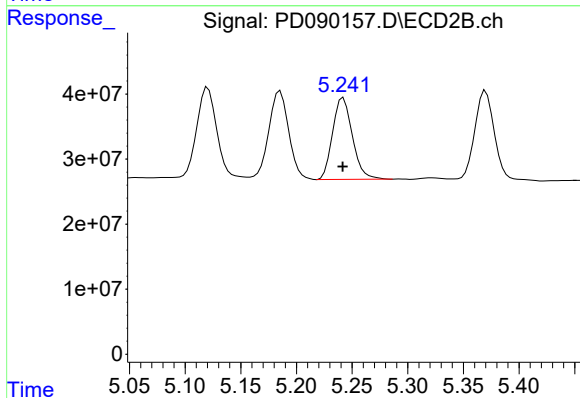
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.001 min
Response: 24729971
Conc: 5.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-04-090325MS

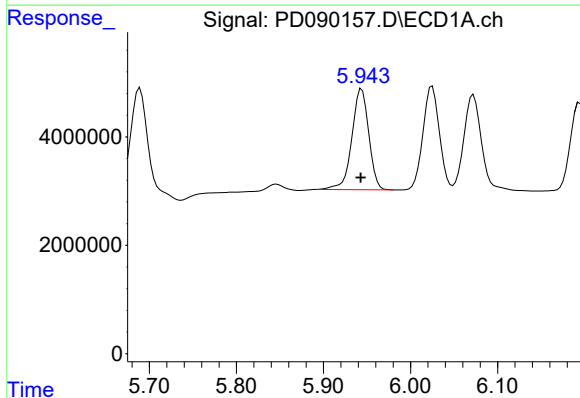
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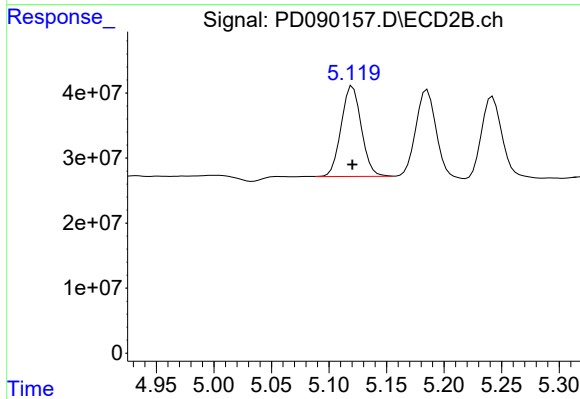
#9 Endosulfan I

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 155942401
Conc: 5.95 ng/ml



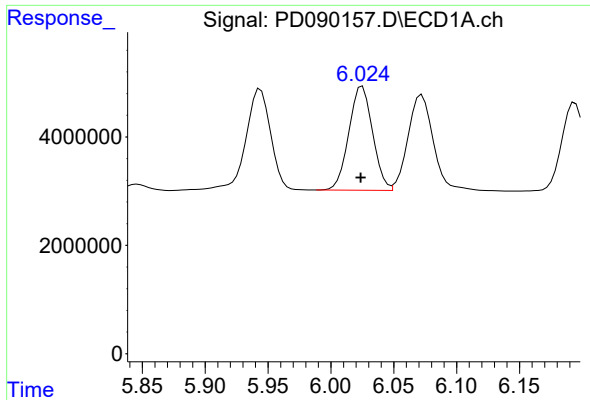
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 25196399
Conc: 5.15 ng/ml m



#10 gamma-Chlordane

R.T.: 5.119 min
Delta R.T.: -0.001 min
Response: 170338715
Conc: 5.75 ng/ml m



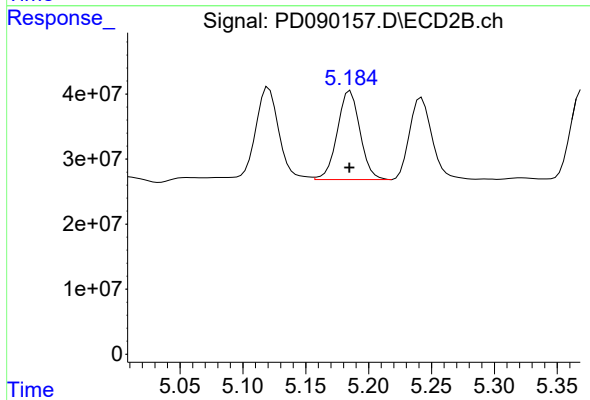
#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.001 min
Response: 25229096
Conc: 5.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-04-090325MS

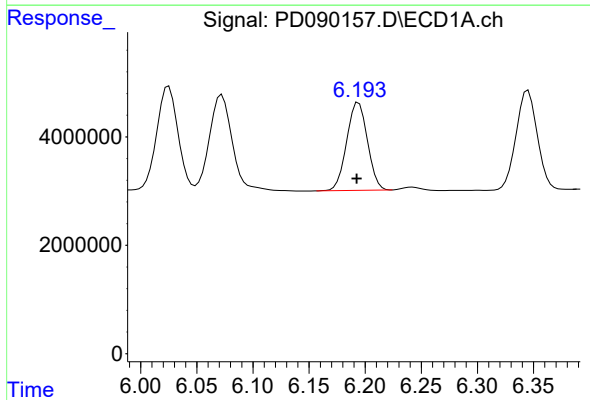
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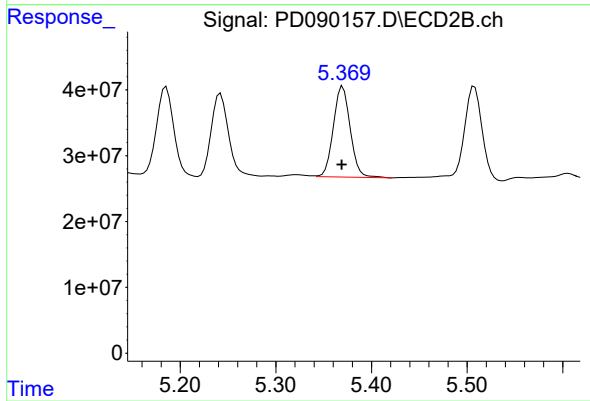
#11 alpha-Chlordane

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 171560462
Conc: 6.01 ng/ml



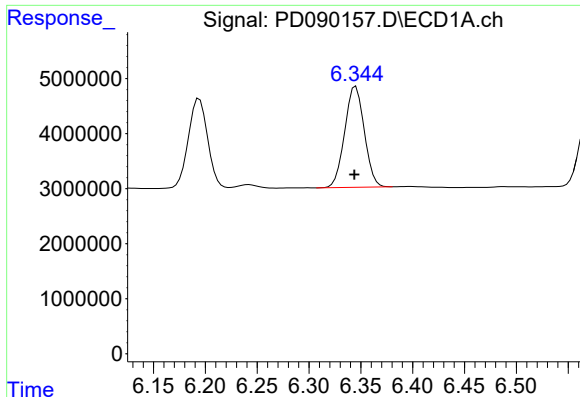
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.002 min
Response: 20897633
Conc: 4.76 ng/ml



#12 4,4'-DDE

R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 168703983
Conc: 5.85 ng/ml



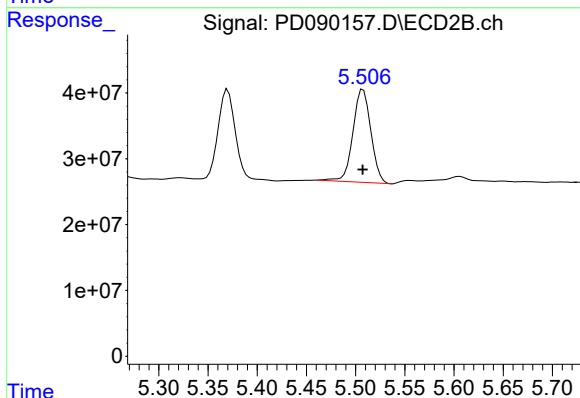
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.001 min
Response: 24121999
Conc: 4.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-04-090325MS

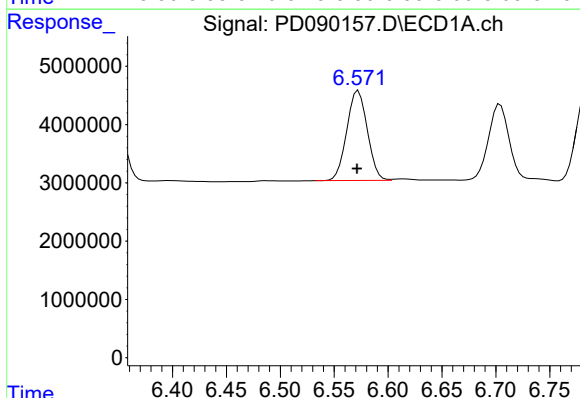
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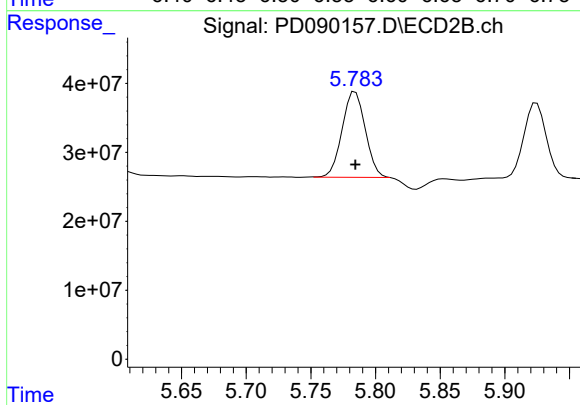
#13 Dieldrin

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 179105868
Conc: 6.12 ng/ml



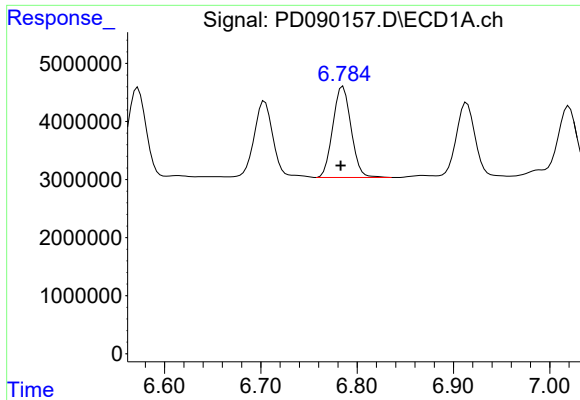
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.001 min
Response: 20482572
Conc: 4.94 ng/ml



#14 Endrin

R.T.: 5.783 min
Delta R.T.: -0.001 min
Response: 154287003
Conc: 5.79 ng/ml m



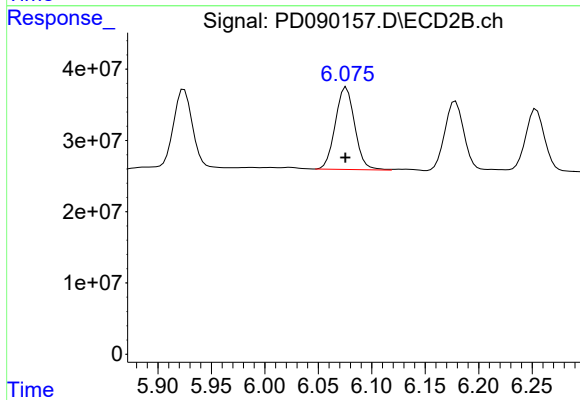
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: 0.002 min
Response: 20656566
Conc: 4.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-04-090325MS

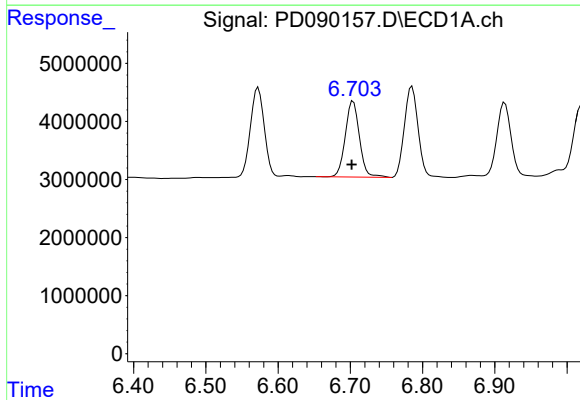
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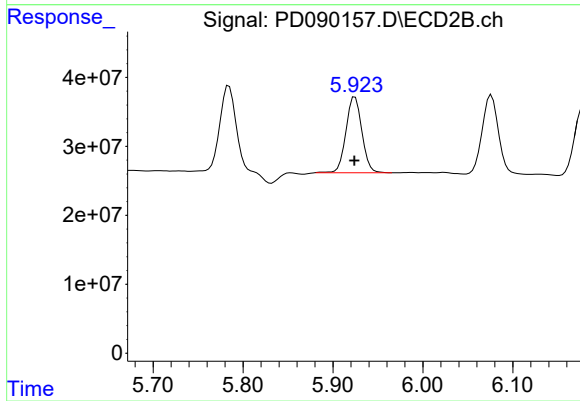
#15 Endosulfan II

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 146049224
Conc: 5.77 ng/ml



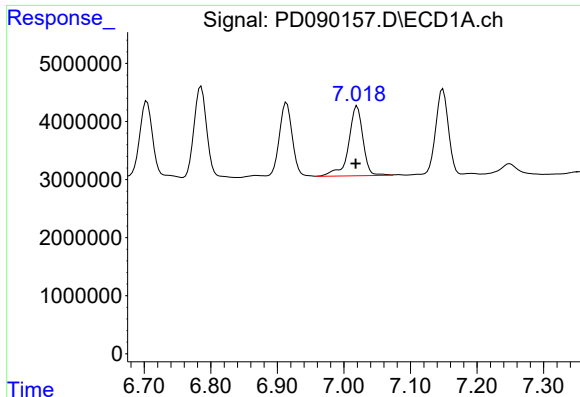
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.002 min
Response: 17681915
Conc: 5.11 ng/ml



#16 4,4'-DDD

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 135549913
Conc: 5.64 ng/ml



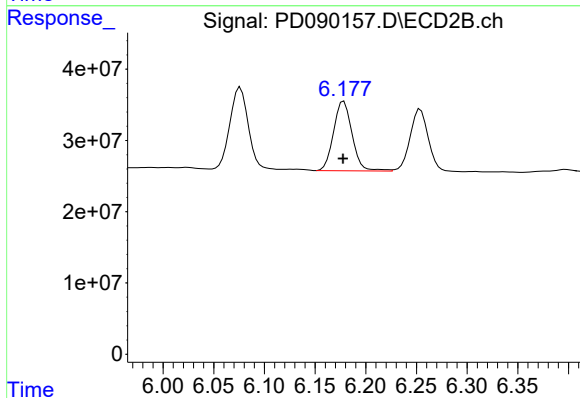
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: 0.002 min
Response: 18122578
Conc: 4.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-04-090325MS

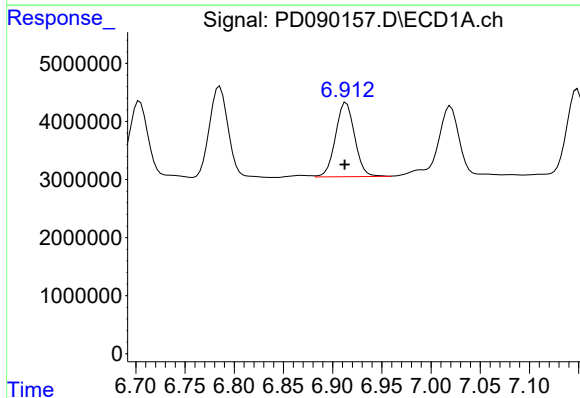
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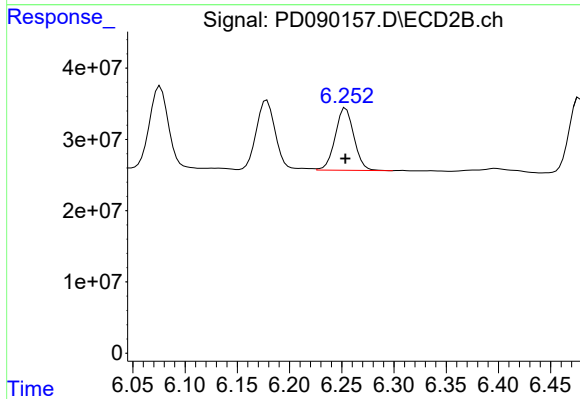
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 124779387
Conc: 4.98 ng/ml



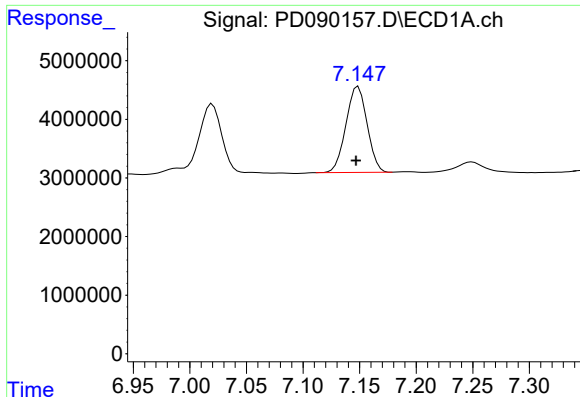
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.002 min
Response: 17297241
Conc: 6.03 ng/ml



#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 109095423
Conc: 6.34 ng/ml



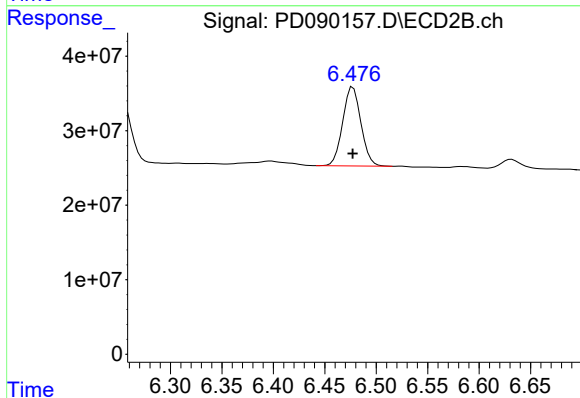
#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: 0.002 min
Response: 19085709
Conc: 4.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-04-090325MS

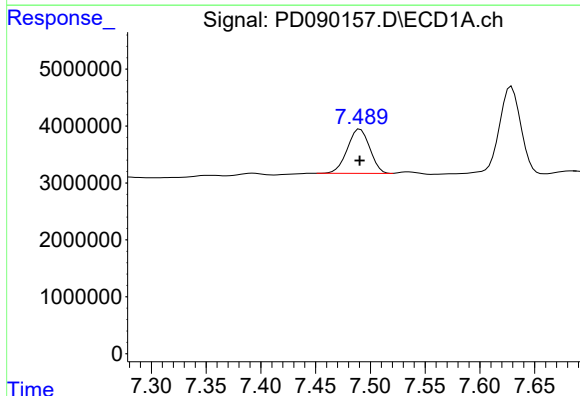
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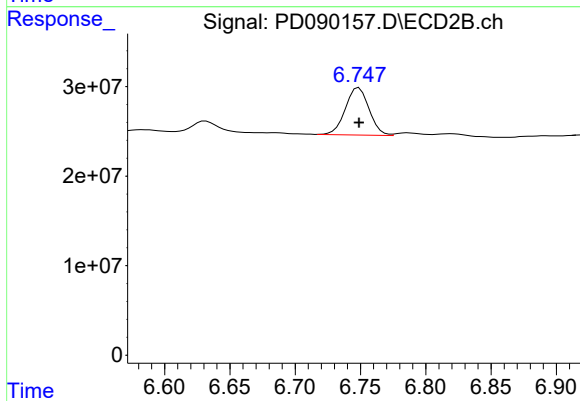
#19 Endosulfan Sulfate

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 130866964
Conc: 5.37 ng/ml



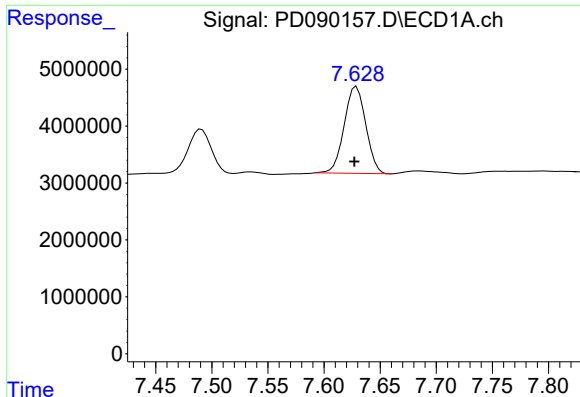
#20 Methoxychlor

R.T.: 7.491 min
Delta R.T.: 0.000 min
Response: 11096400
Conc: 5.53 ng/ml



#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 66797199
Conc: 5.18 ng/ml



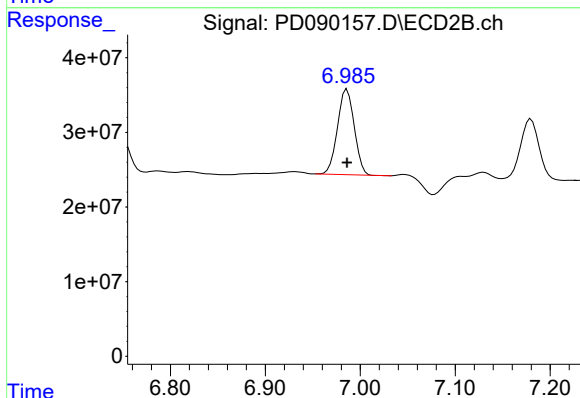
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: 0.002 min
Response: 20426647
Conc: 4.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-04-090325MS

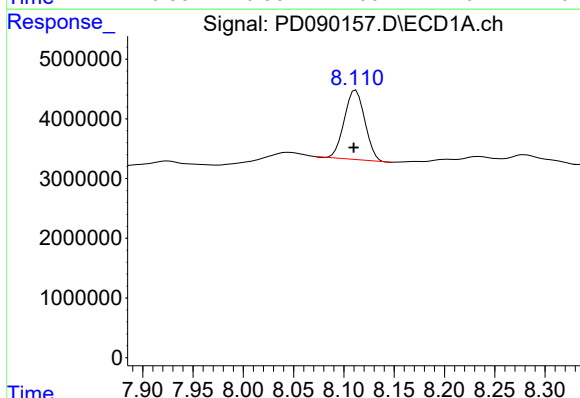
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Reviewed By :Abdul Mirza 09/05/2025
Supervised By :mohammad ahmed 09/09/2025



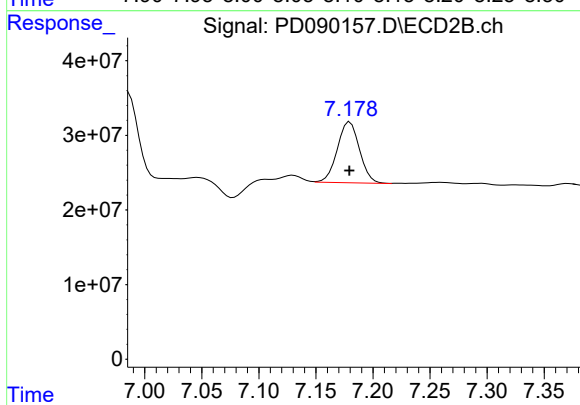
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: 0.000 min
Response: 141014174
Conc: 5.29 ng/ml



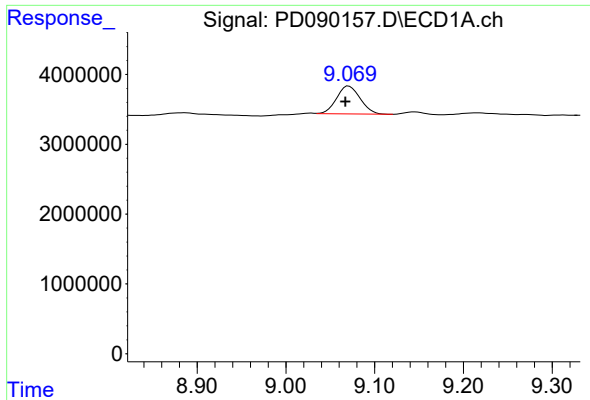
#22 Mirex

R.T.: 8.112 min
Delta R.T.: 0.002 min
Response: 16455601
Conc: 5.22 ng/ml



#22 Mirex

R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 110301691
Conc: 5.34 ng/ml m



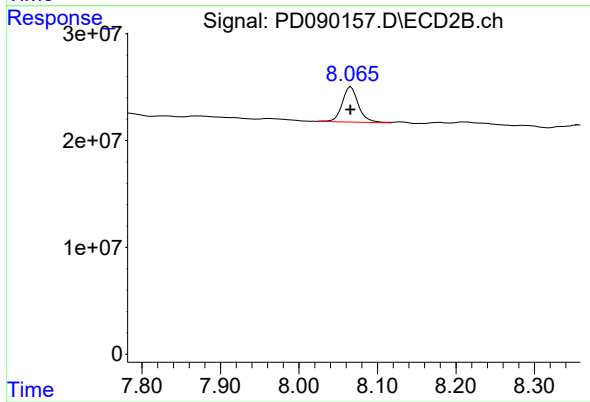
#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.004 min
Response: 7369257
Conc: 1.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-04-090325MS

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 09/09/2025



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 47569837
Conc: 1.84 ng/ml