

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121125\
 Data File : PD091553.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Dec 2025 12:43
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/12/2025
 Supervised By : Yogesh Patel 12/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 03:07:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 04:29:17 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	2.870	153.8E6	2021.5E6	44.268	51.302
2)	SA Decachlor...	9.076	8.060	223.2E6	2247.5E6	42.947	54.274 #
Target Compounds							
2)	A alpha-BHC	3.998	3.382	369.4E6	3537.6E6	45.879	51.890
3)	MA gamma-BHC...	4.330	3.718	344.5E6	3231.1E6	45.832	57.463 #
4)	MA Heptachlor	4.926	4.070	343.4E6	3075.7E6	48.380m	52.771
5)	MB Aldrin	5.269	4.355	334.6E6	3136.0E6	48.084	54.083m
6)	B beta-BHC	4.518	4.015	129.1E6	1290.1E6	44.711	53.844
7)	B delta-BHC	4.766	4.251	344.2E6	3227.2E6	57.544	53.889
8)	B Heptachlo...	5.690	4.861	298.5E6	2787.2E6	48.202	55.086
9)	A Endosulfan I	6.073	5.234	282.3E6	2194.9E6	46.201	44.805
10)	B gamma-Chl...	5.946	5.113	301.8E6	3112.1E6	47.333	55.751
11)	B alpha-Chl...	6.026	5.178	300.5E6	2939.6E6	44.749	54.894
12)	B 4,4'-DDE	6.196	5.361	262.9E6	2969.8E6	45.250	54.185m
13)	MA Dieldrin	6.347	5.501	301.3E6	3017.0E6	46.303	54.395
14)	MA Endrin	6.573	5.777	249.1E6	2982.0E6	44.409m	57.040m#
15)	B Endosulfa...	6.786	6.069	246.7E6	2623.7E6	40.563m	55.687m#
16)	A 4,4'-DDD	6.707	5.918	241.5E6	2519.7E6	52.463	55.393
17)	MA 4,4'-DDT	7.023	6.171	233.3E6	2595.4E6	45.249	54.756
18)	B Endrin al...	6.915	6.248	184.8E6	1939.0E6	44.232m	54.327
19)	B Endosulfa...	7.152	6.472	234.3E6	2513.8E6	44.376	54.537
20)	A Methoxychlor	7.496	6.743	116.8E6	1236.3E6	43.466	52.389
21)	B Endrin ke...	7.632	6.981	253.7E6	2679.3E6	45.026	55.081
22)	Mirex	8.115	7.173	164.6E6	1861.4E6	44.298	56.793 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121125\
Data File : PD091553.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2025 12:43
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

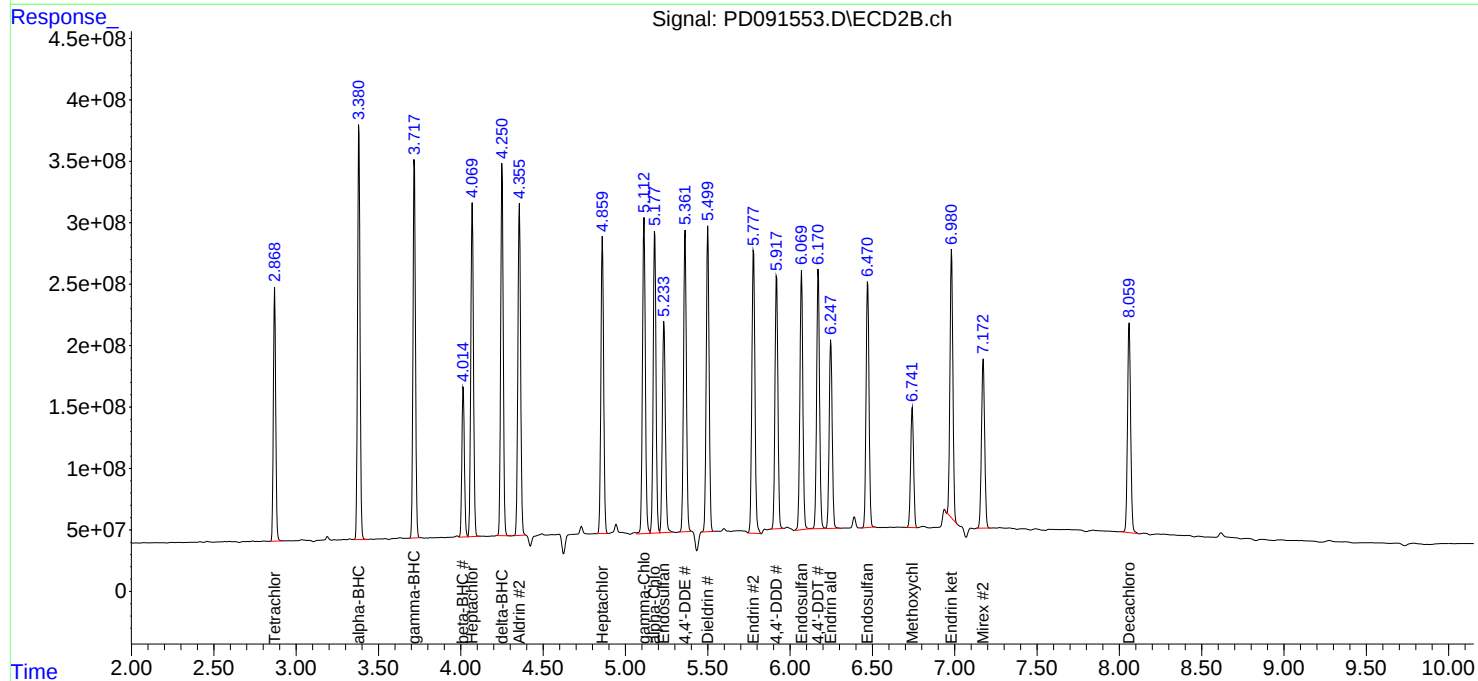
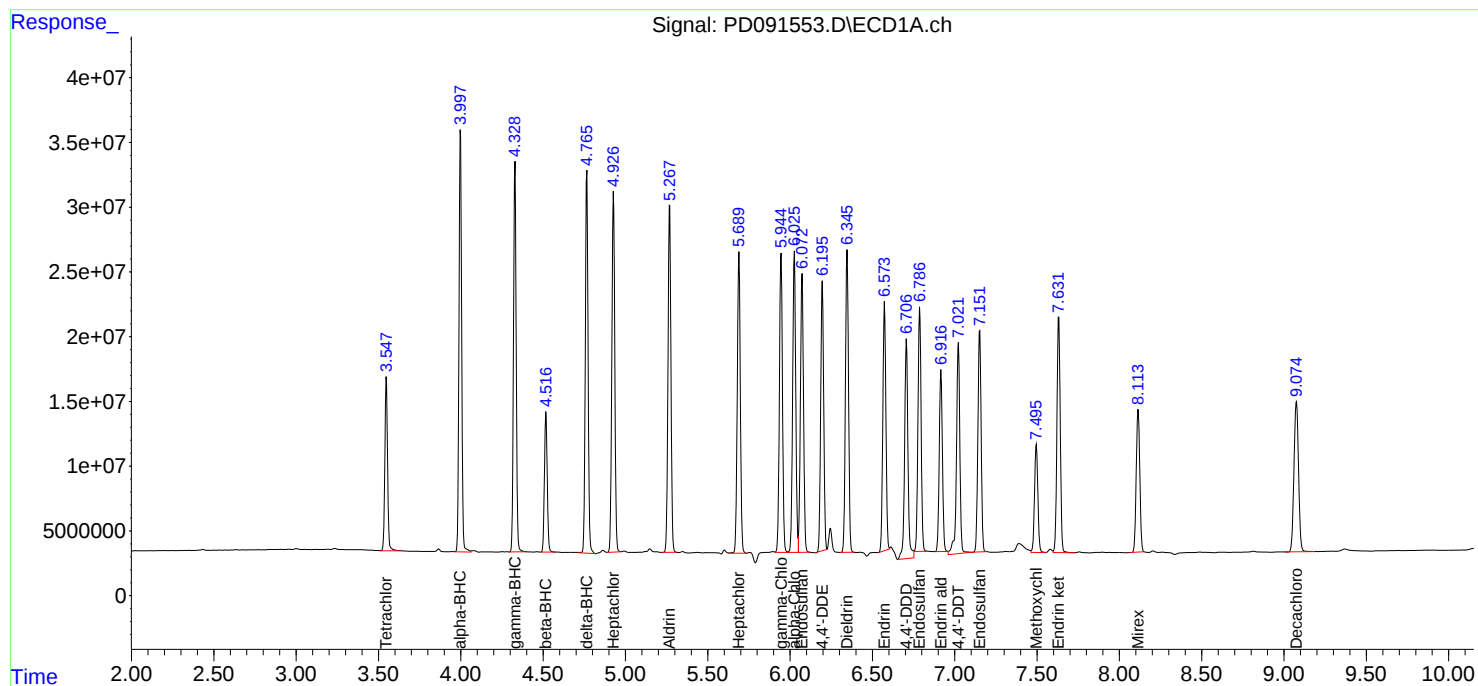
Manual Integrations

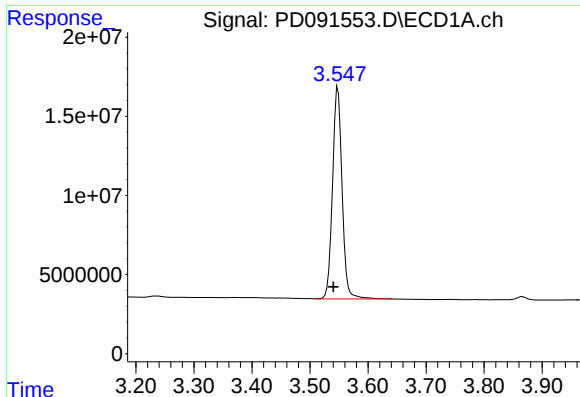
APPROVED

Reviewed By :Abdul Mirza 12/12/2025
Supervised By :Yogesh Patel 12/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 12 03:07:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 04:29:17 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





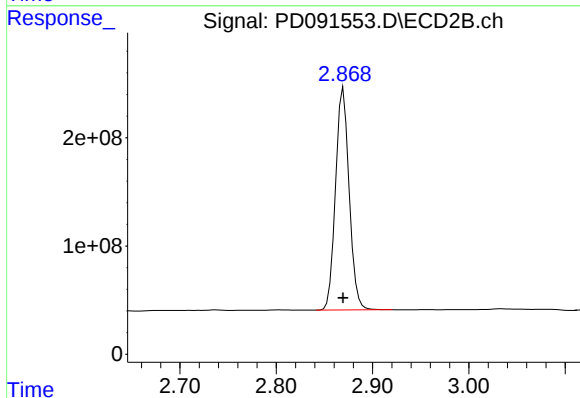
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.008 min
Response: 153755018
Conc: 44.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

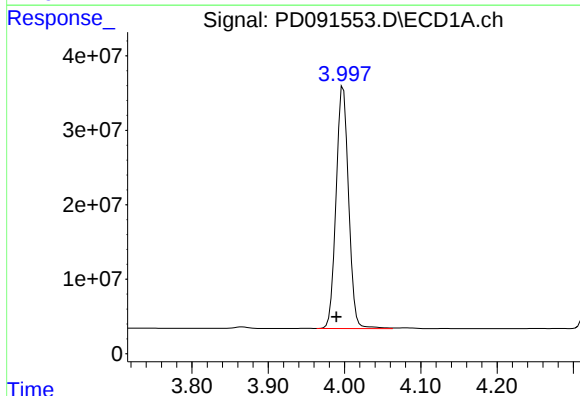
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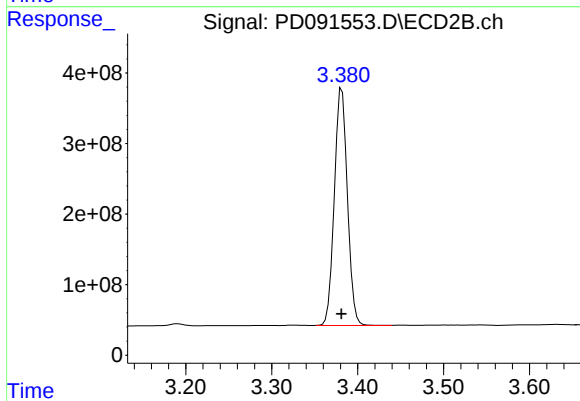
#1 Tetrachloro-m-xylene

R.T.: 2.870 min
Delta R.T.: 0.000 min
Response: 2021458224
Conc: 51.30 ng/ml



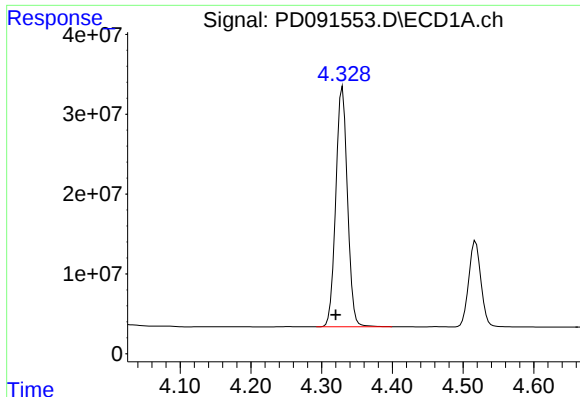
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.009 min
Response: 369366992
Conc: 45.88 ng/ml



#2 alpha-BHC

R.T.: 3.382 min
Delta R.T.: 0.000 min
Response: 3537560628
Conc: 51.89 ng/ml



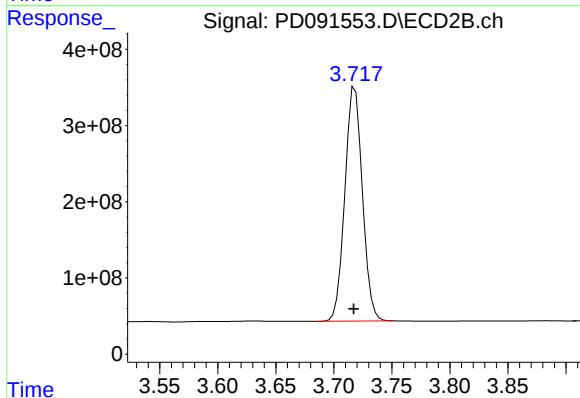
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.010 min
Response: 344458411
Conc: 45.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

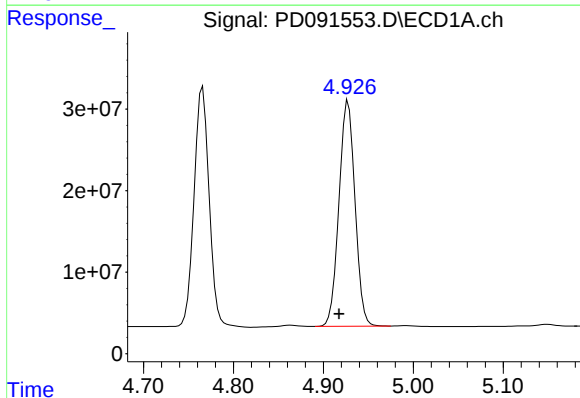
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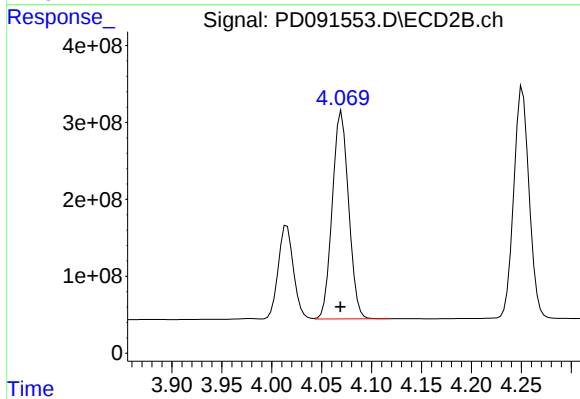
#3 gamma-BHC (Lindane)

R.T.: 3.718 min
Delta R.T.: 0.001 min
Response: 3231109466
Conc: 57.46 ng/ml



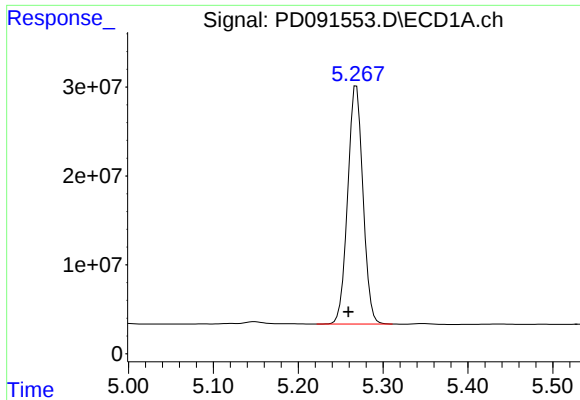
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: 0.009 min
Response: 343444281
Conc: 48.38 ng/ml m



#4 Heptachlor

R.T.: 4.070 min
Delta R.T.: 0.001 min
Response: 3075717535
Conc: 52.77 ng/ml



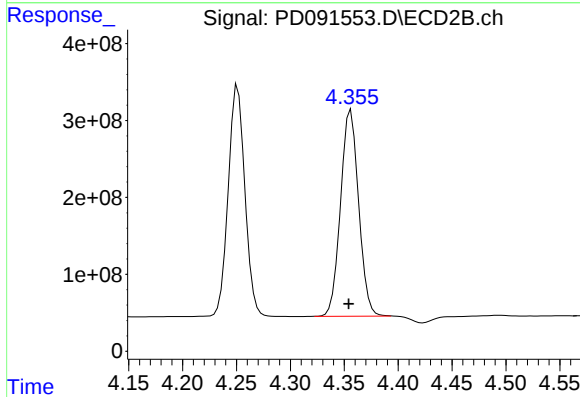
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.010 min
Response: 334560405
Conc: 48.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

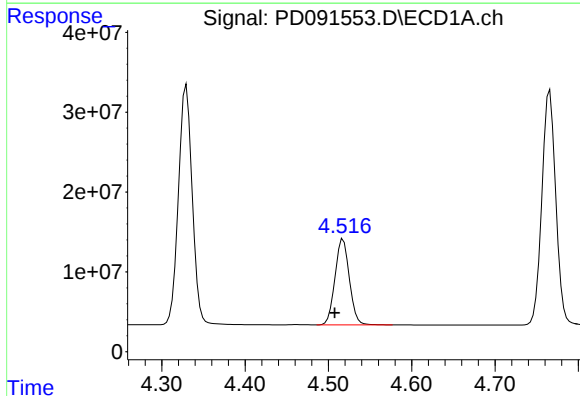
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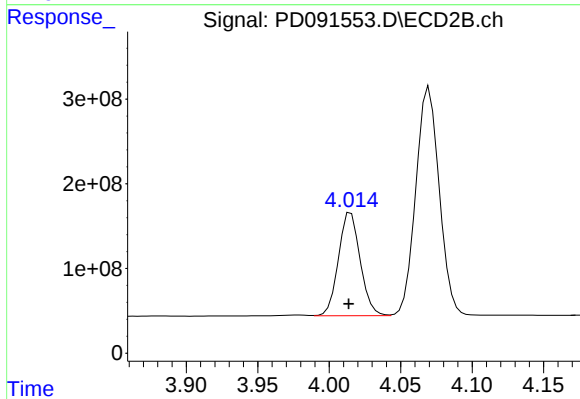
#5 Aldrin

R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 3136043120
Conc: 54.08 ng/ml m



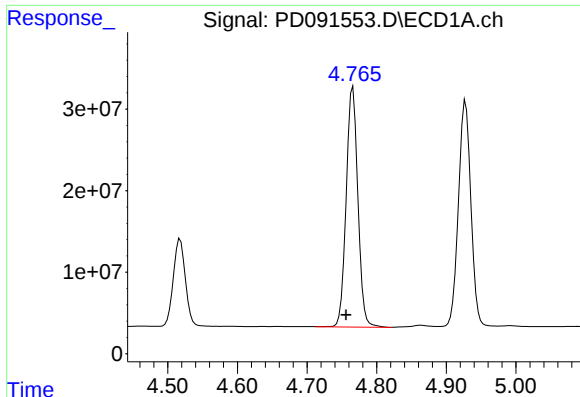
#6 beta-BHC

R.T.: 4.518 min
Delta R.T.: 0.010 min
Response: 129084029
Conc: 44.71 ng/ml



#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: 0.002 min
Response: 1290050707
Conc: 53.84 ng/ml



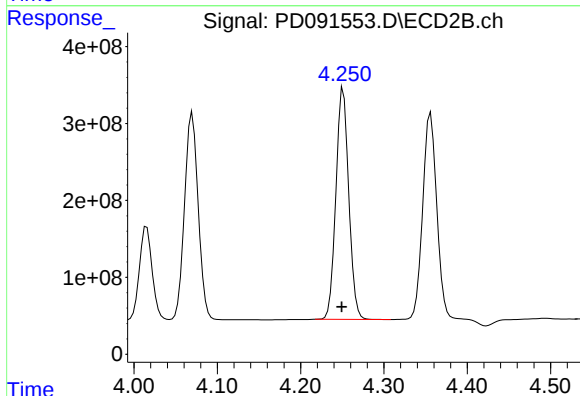
#7 delta-BHC

R.T.: 4.766 min
Delta R.T.: 0.010 min
Response: 344246044
Conc: 57.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

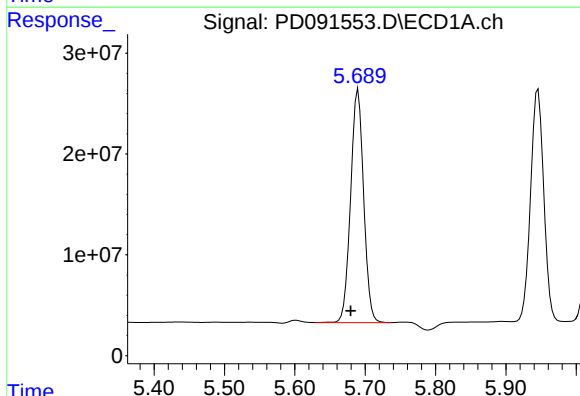
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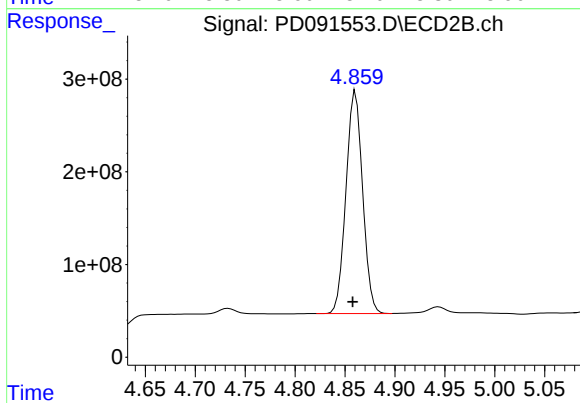
#7 delta-BHC

R.T.: 4.251 min
Delta R.T.: 0.002 min
Response: 3227228184
Conc: 53.89 ng/ml



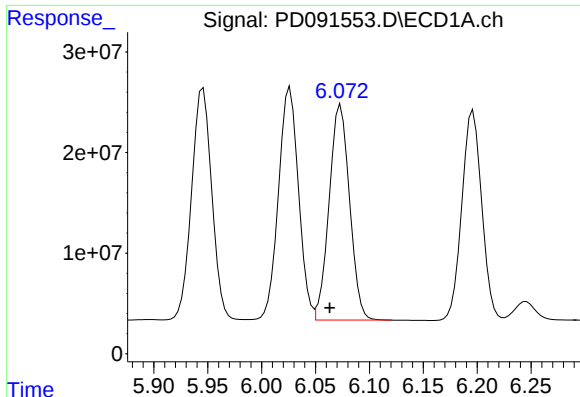
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.011 min
Response: 298483403
Conc: 48.20 ng/ml



#8 Heptachlor epoxide

R.T.: 4.861 min
Delta R.T.: 0.003 min
Response: 2787189641
Conc: 55.09 ng/ml



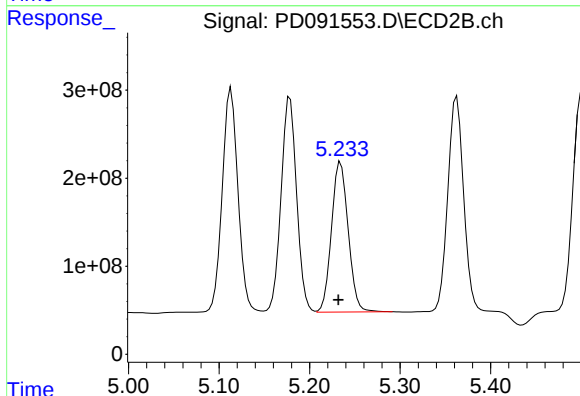
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: 0.010 min
Response: 282280784
Conc: 46.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

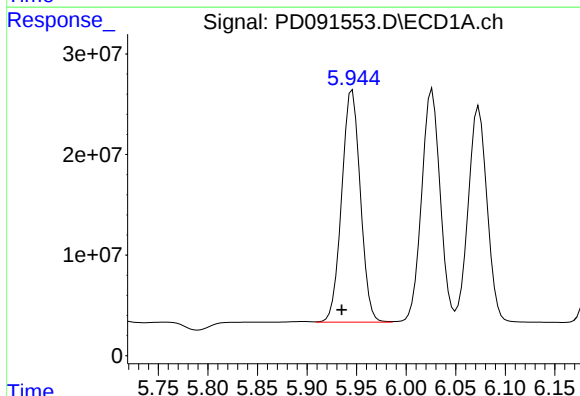
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Supervised By :Yogesh Patel 12/12/2025



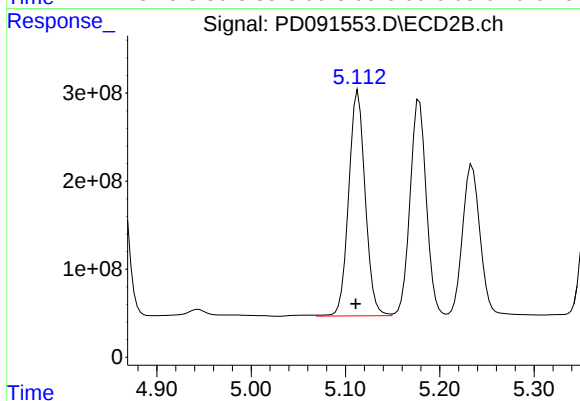
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: 0.002 min
Response: 2194929907
Conc: 44.80 ng/ml



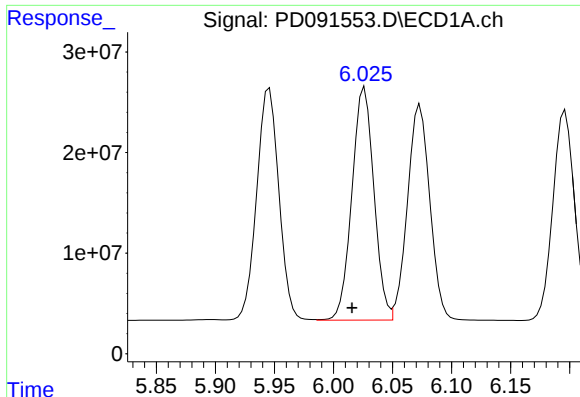
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.011 min
Response: 301841306
Conc: 47.33 ng/ml



#10 gamma-Chlordane

R.T.: 5.113 min
Delta R.T.: 0.003 min
Response: 3112066848
Conc: 55.75 ng/ml



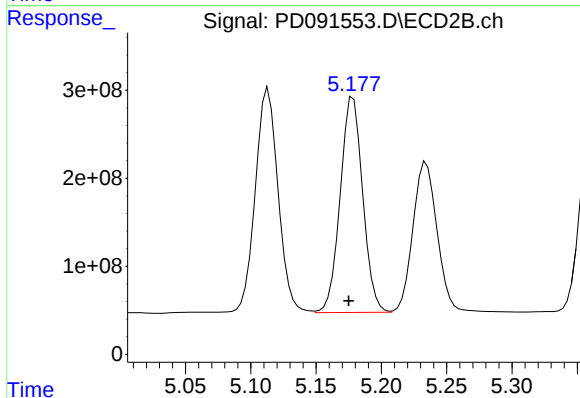
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.011 min
Response: 300541352
Conc: 44.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

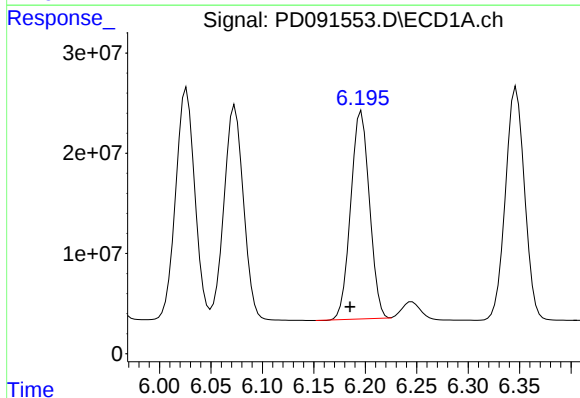
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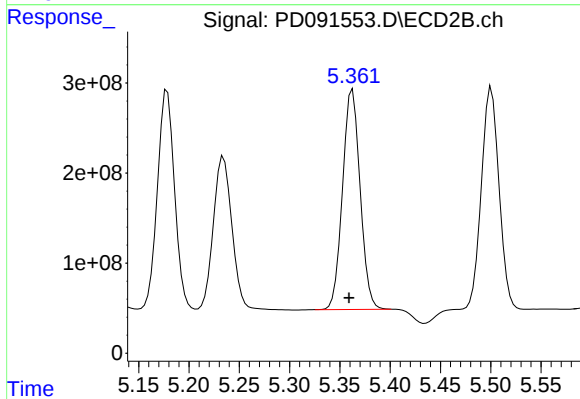
#11 alpha-Chlordane

R.T.: 5.178 min
Delta R.T.: 0.003 min
Response: 2939636424
Conc: 54.89 ng/ml



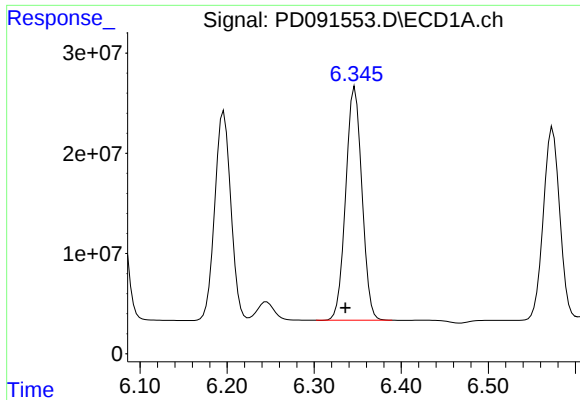
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.011 min
Response: 262875899
Conc: 45.25 ng/ml



#12 4,4'-DDE

R.T.: 5.361 min
Delta R.T.: 0.002 min
Response: 2969750591
Conc: 54.19 ng/ml m



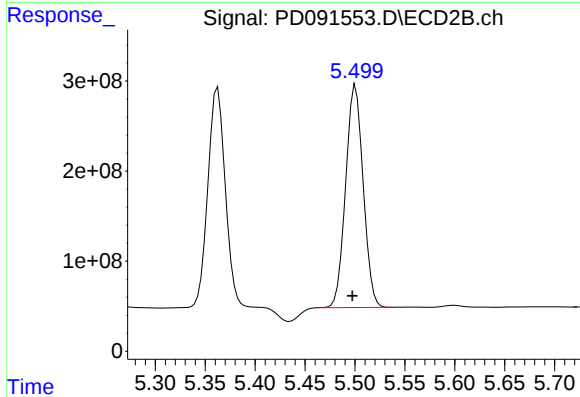
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: 0.011 min
Response: 301280540
Conc: 46.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

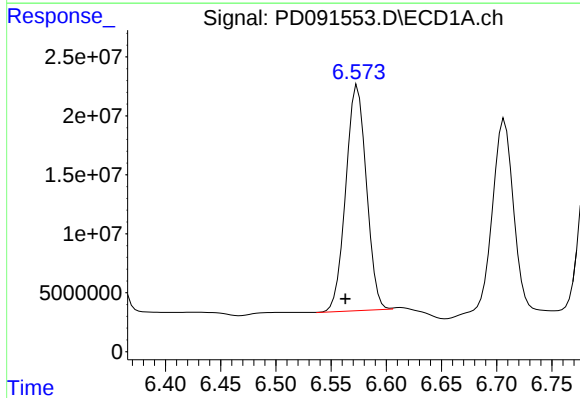
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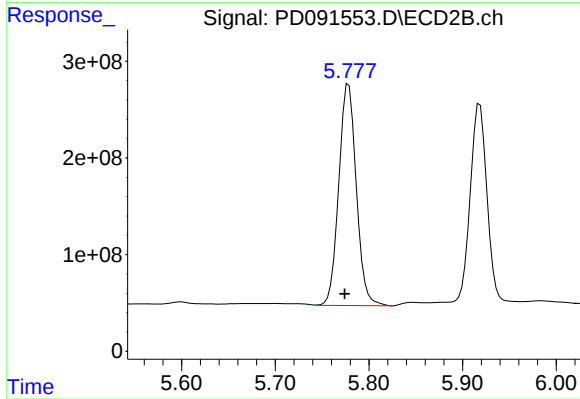
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: 0.003 min
Response: 3016993169
Conc: 54.40 ng/ml



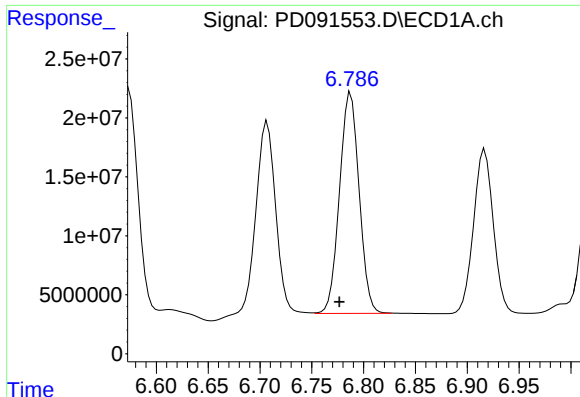
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.010 min
Response: 249056093
Conc: 44.41 ng/ml m



#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.003 min
Response: 2981958293
Conc: 57.04 ng/ml m



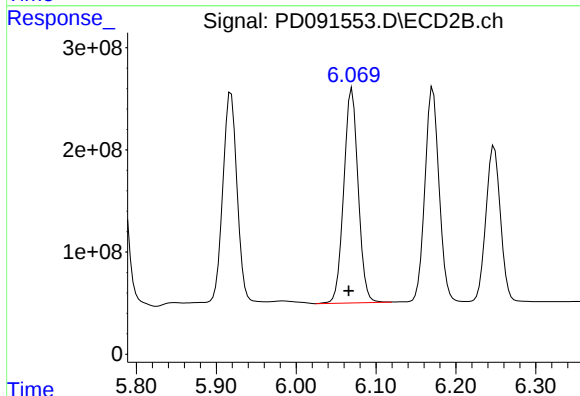
#15 Endosulfan II

R.T.: 6.786 min
Delta R.T.: 0.010 min
Response: 246652175
Conc: 40.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

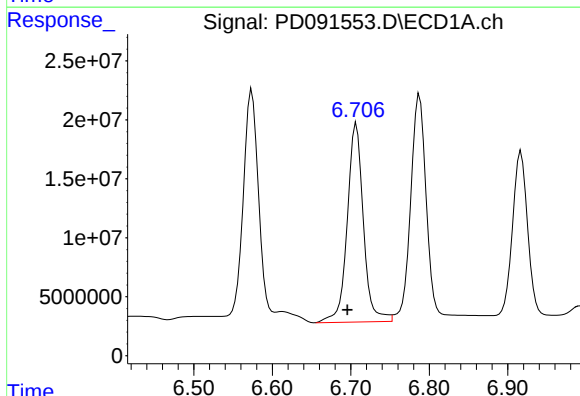
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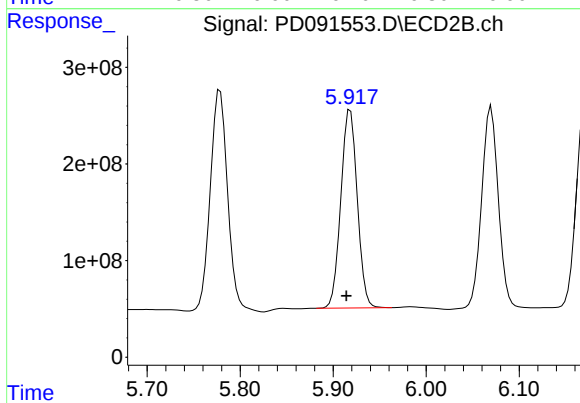
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: 0.003 min
Response: 2623655395
Conc: 55.69 ng/ml m



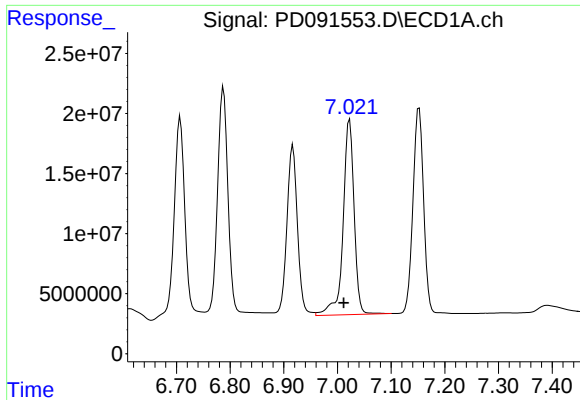
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.011 min
Response: 241475960
Conc: 52.46 ng/ml



#16 4,4'-DDD

R.T.: 5.918 min
Delta R.T.: 0.004 min
Response: 2519674648
Conc: 55.39 ng/ml



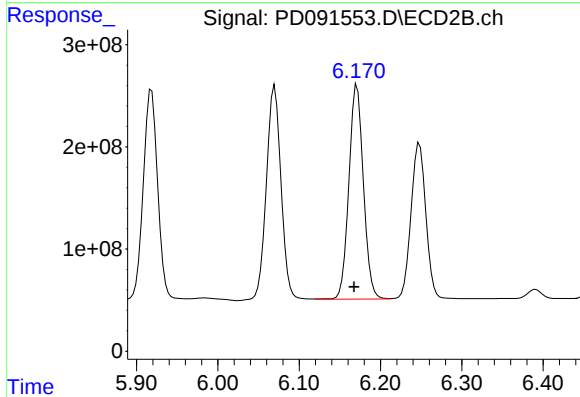
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.011 min
Response: 233326207
Conc: 45.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

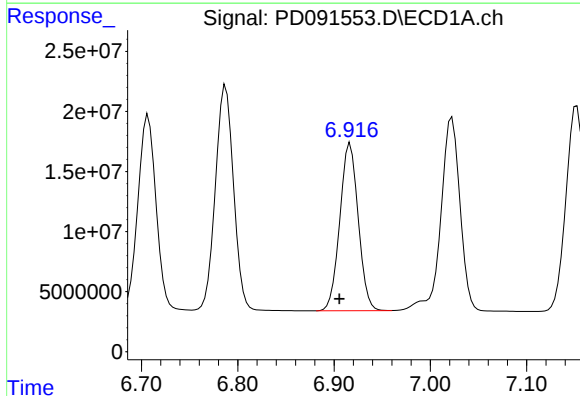
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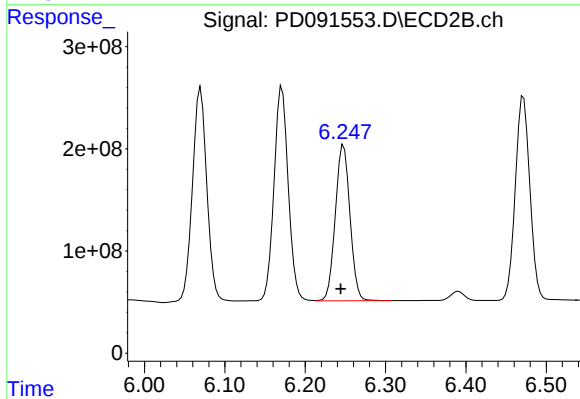
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: 0.004 min
Response: 2595353484
Conc: 54.76 ng/ml



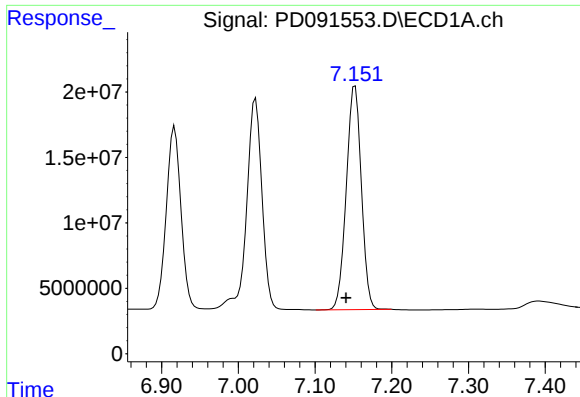
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.010 min
Response: 184774412
Conc: 44.23 ng/ml m



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: 0.004 min
Response: 1939003468
Conc: 54.33 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.152 min
Delta R.T.: 0.012 min
Response: 234273798
Conc: 44.38 ng/ml

Instrument :

ECD_D

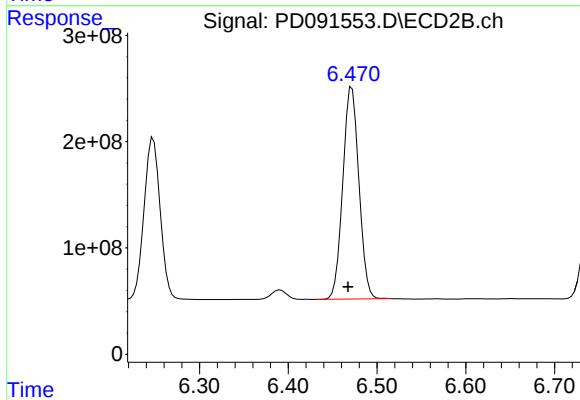
ClientSampleId :

PSTDCCC050

Manual Integrations

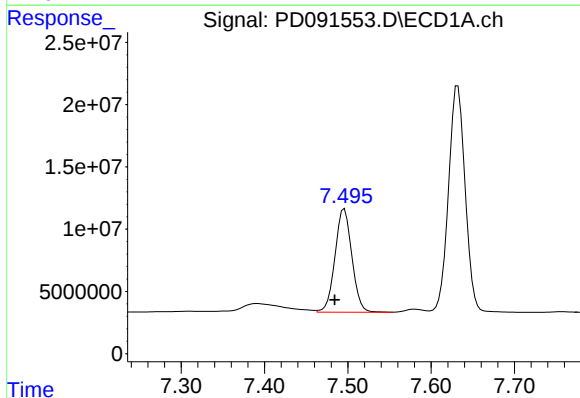
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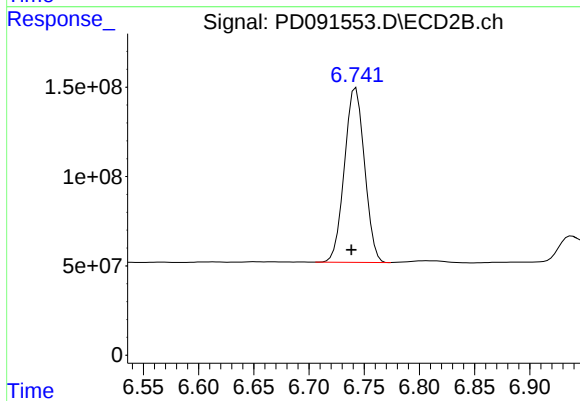
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: 0.004 min
Response: 2513796490
Conc: 54.54 ng/ml



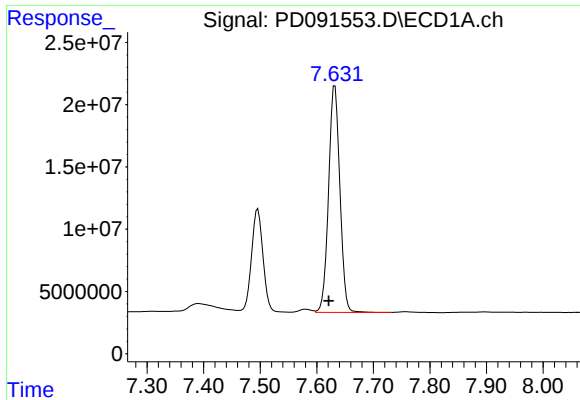
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: 0.011 min
Response: 116836108
Conc: 43.47 ng/ml



#20 Methoxychlor

R.T.: 6.743 min
Delta R.T.: 0.004 min
Response: 1236268112
Conc: 52.39 ng/ml



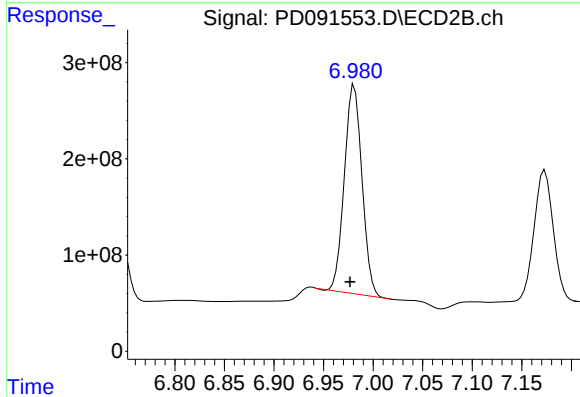
#21 Endrin ketone

R.T.: 7.632 min
Delta R.T.: 0.011 min
Response: 253670553
Conc: 45.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

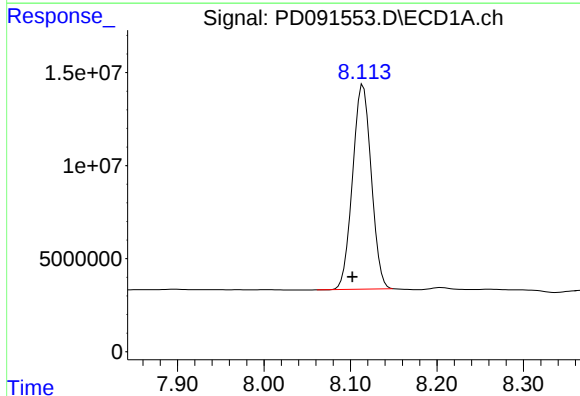
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2025
Supervised By :Yogesh Patel 12/12/2025



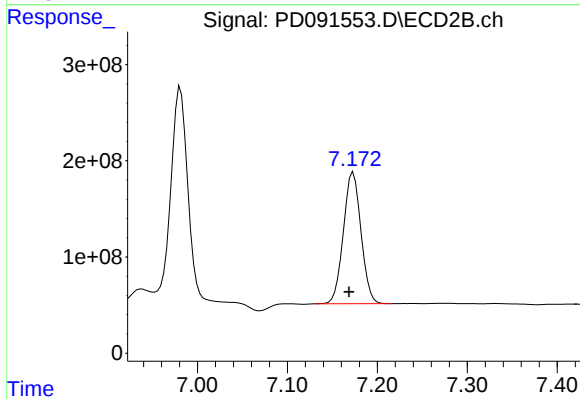
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: 0.004 min
Response: 2679311923
Conc: 55.08 ng/ml



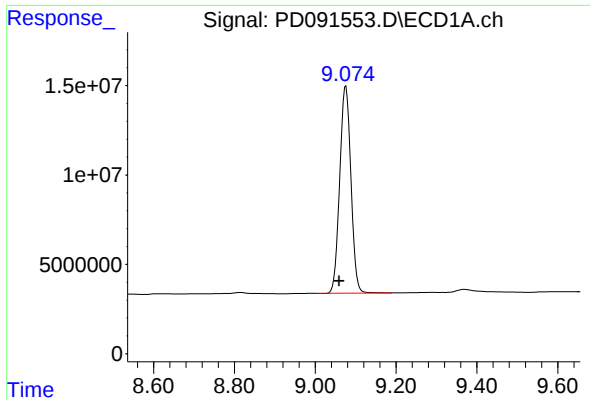
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.012 min
Response: 164586538
Conc: 44.30 ng/ml



#22 Mirex

R.T.: 7.173 min
Delta R.T.: 0.005 min
Response: 1861412373
Conc: 56.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: 0.016 min
Response: 223239457
Conc: 42.95 ng/ml

Instrument :

ECD_D

ClientSampleId :

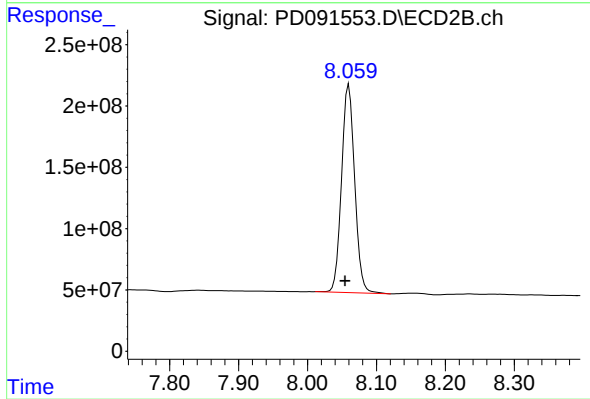
PSTDCCC050

Manual Integrations

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Reviewed By :Abdul Mirza 12/12/2025

Supervised By :Yogesh Patel 12/12/2025



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: 0.005 min
Response: 2247527359
Conc: 54.27 ng/ml