

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121125\
 Data File : PD091555.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Dec 2025 14:14
 Operator : AR\AJ
 Sample : PB170899BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170899BS

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 03:07:20 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	2.871	60185926	808.4E6	17.328	20.516
28)	SA Decachlor...	9.073	8.060	94344120	938.6E6	18.150	22.665
Target Compounds							
2)	A alpha-BHC	3.998	3.382	338.4E6	3295.6E6	42.036	48.341
3)	MA gamma-BHC...	4.328	3.719	321.1E6	3041.6E6	42.726	54.093 #
4)	MA Heptachlor	4.926	4.071	319.1E6	3001.0E6	44.953	51.489
5)	MB Aldrin	5.268	4.356	314.2E6	3035.1E6	45.161	52.341
6)	B beta-BHC	4.516	4.016	121.0E6	1232.7E6	41.924	51.448
7)	B delta-BHC	4.765	4.252	321.6E6	3049.3E6	53.757	50.917
8)	B Heptachlo...	5.688	4.860	286.1E6	2684.6E6	46.202	53.058
9)	A Endosulfan I	6.072	5.235	269.0E6	2265.1E6	44.033	46.237
10)	B gamma-Chl...	5.944	5.112	284.0E6	2954.4E6	44.528	52.927m
11)	B alpha-Chl...	6.024	5.178	286.2E6	2848.8E6	42.621	53.199
12)	B 4,4'-DDE	6.194	5.361	248.7E6	2876.7E6	42.804	52.487m
13)	MA Dieldrin	6.344	5.501	287.1E6	2925.6E6	44.125	52.748
14)	MA Endrin	6.573	5.777	246.2E6	3038.8E6	43.907	58.128m#
15)	B Endosulfa...	6.784	6.068	235.1E6	2551.1E6	38.657m	54.148m#
16)	A 4,4'-DDD	6.705	5.917	223.9E6	2461.0E6	48.649	54.103
17)	MA 4,4'-DDT	7.021	6.171	221.5E6	2526.1E6	42.958	53.295
18)	B Endrin al...	6.913	6.248	180.9E6	1903.2E6	43.311m	53.323
19)	B Endosulfa...	7.150	6.472	225.6E6	2428.2E6	42.742	52.680
20)	A Methoxychlor	7.494	6.742	117.6E6	1223.4E6	43.747	51.841
21)	B Endrin ke...	7.631	6.980	245.2E6	2554.5E6	43.520	52.515m
22)	Mirex	8.112	7.173	153.9E6	1727.2E6	41.428	52.700 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121125\
Data File : PD091555.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2025 14:14
Operator : AR\AJ
Sample : PB170899BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB170899BS

Manual Integrations

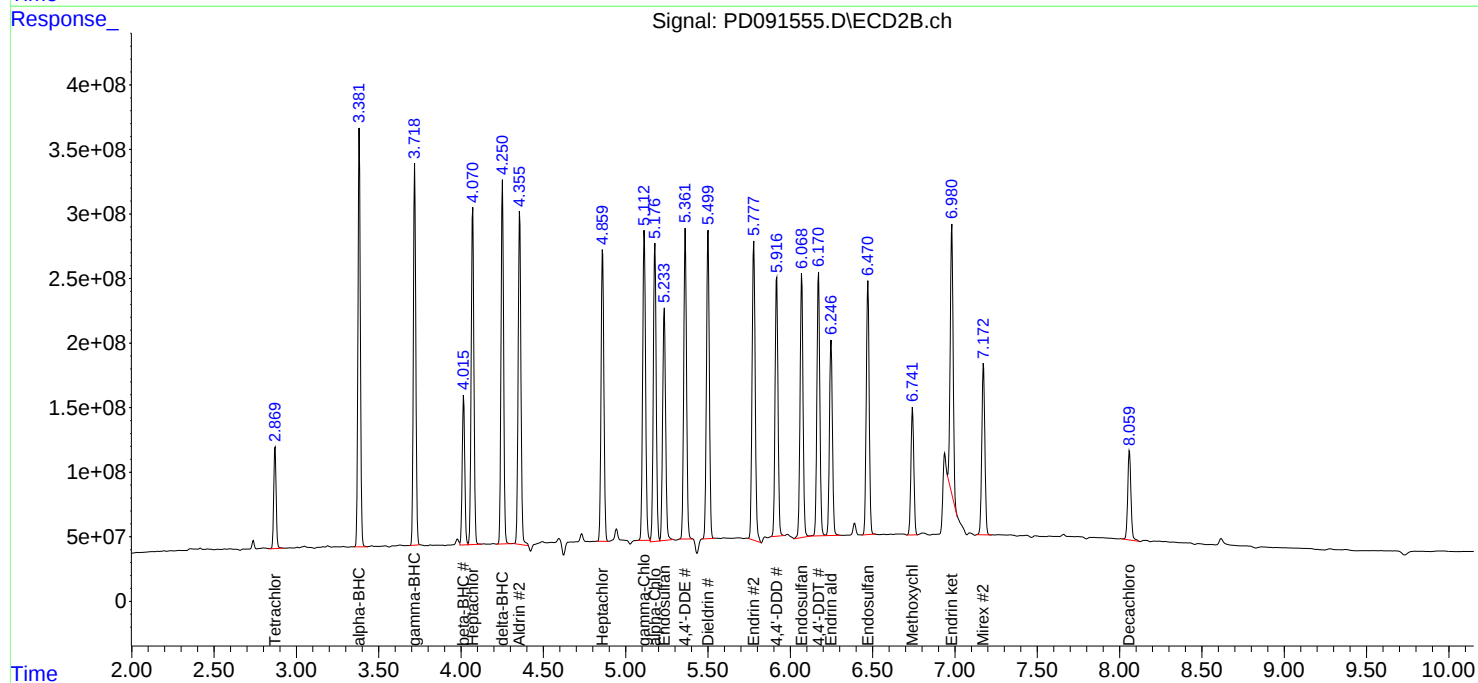
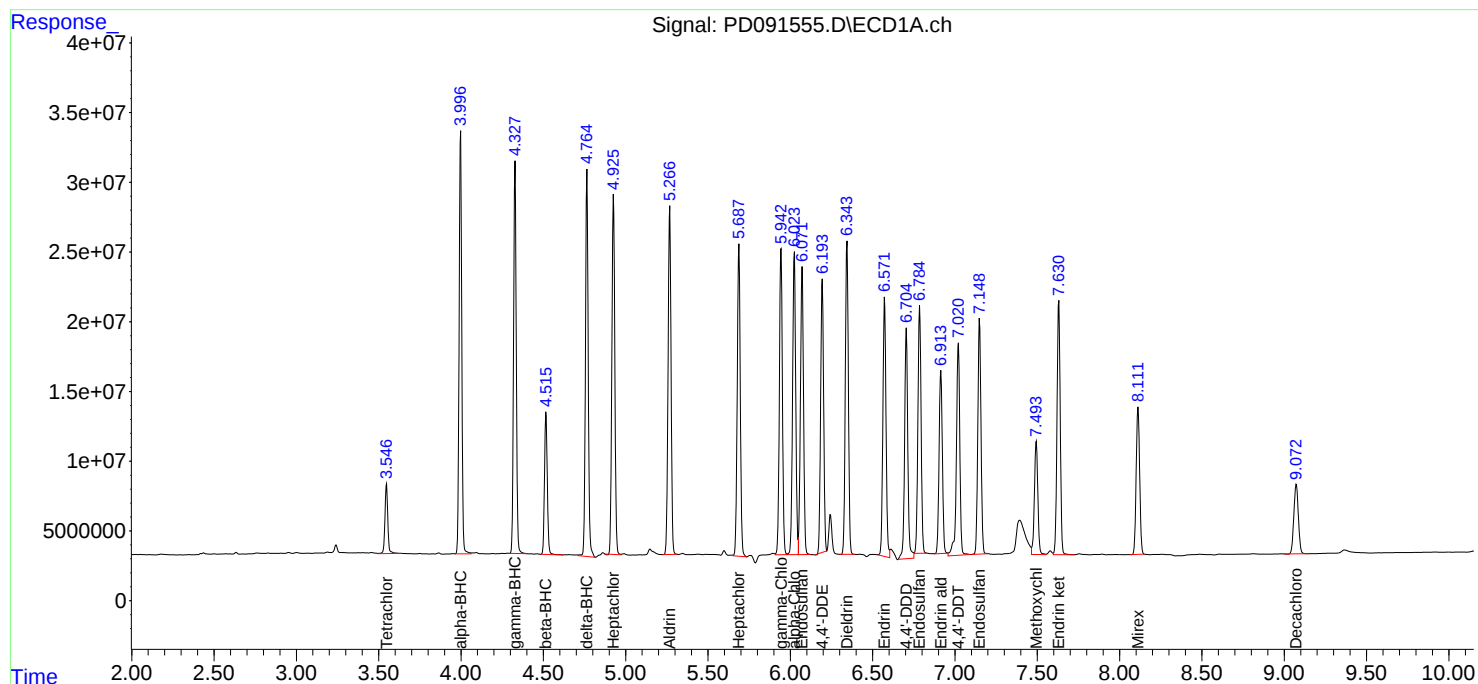
APPROVED

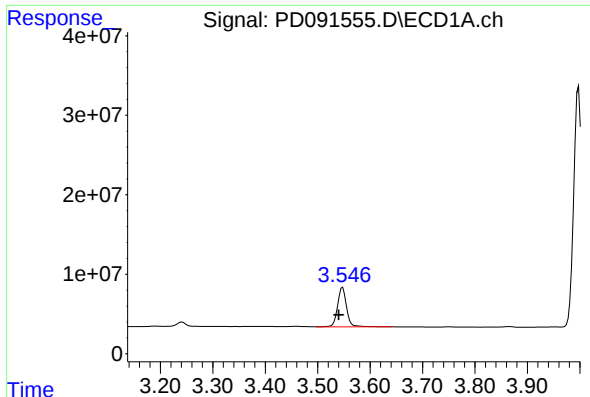
Reviewed By :Abdul Mirza 12/12/2025

Supervised By :Yogesh Patel 12/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 12 03:07:20 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





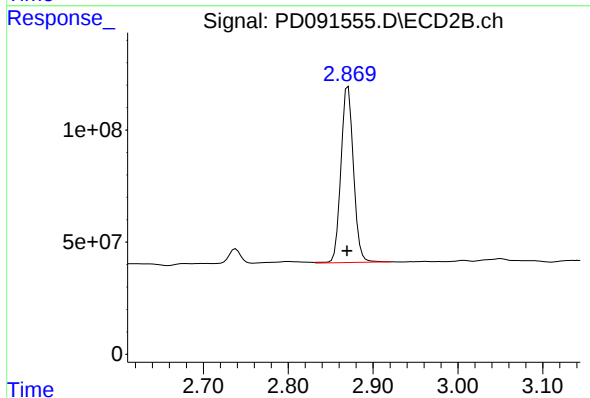
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.008 min
Response: 60185926
Conc: 17.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170899BS

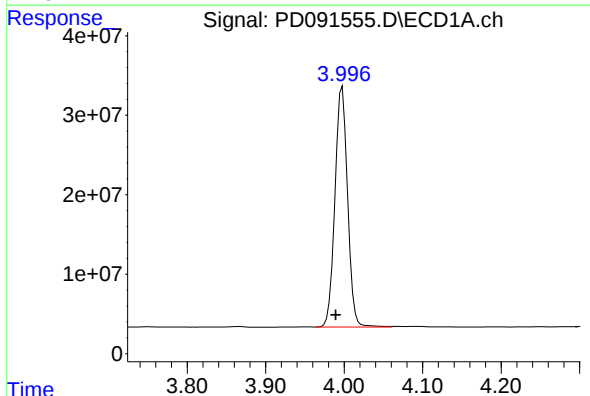
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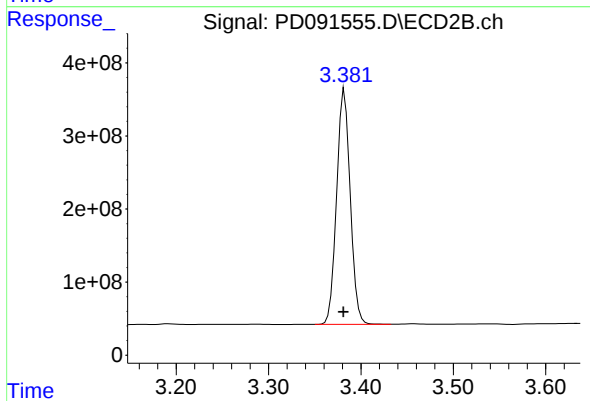
#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: 0.001 min
Response: 808395965
Conc: 20.52 ng/ml



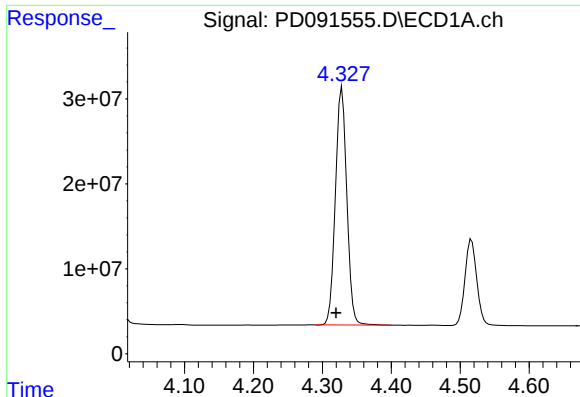
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.008 min
Response: 338429149
Conc: 42.04 ng/ml



#2 alpha-BHC

R.T.: 3.382 min
Delta R.T.: 0.001 min
Response: 3295556236
Conc: 48.34 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.008 min
Response: 321114730
Conc: 42.73 ng/ml

Instrument :

ECD_D

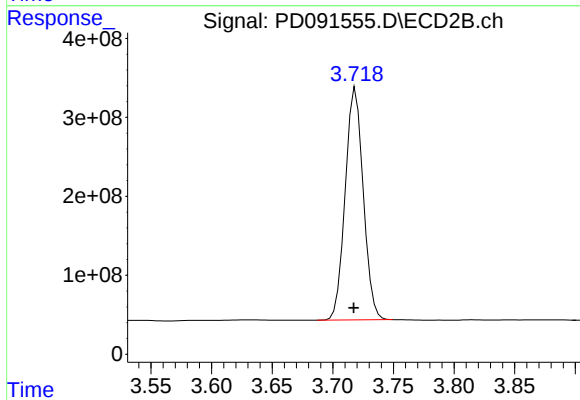
ClientSampleId :

PB170899BS

Manual Integrations

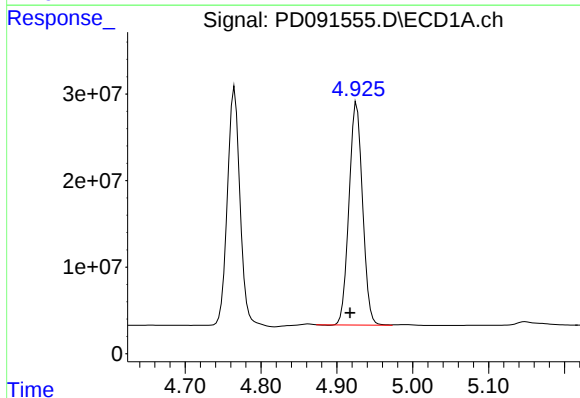
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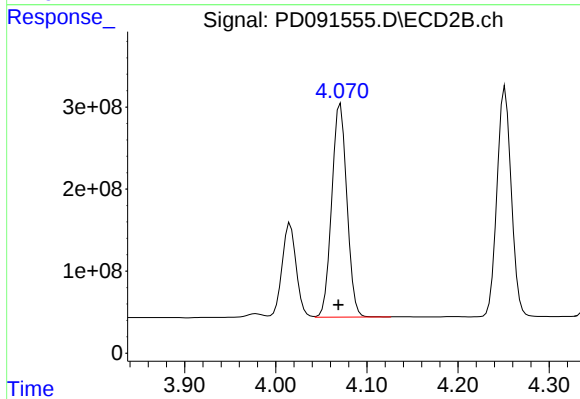
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: 0.002 min
Response: 3041592925
Conc: 54.09 ng/ml



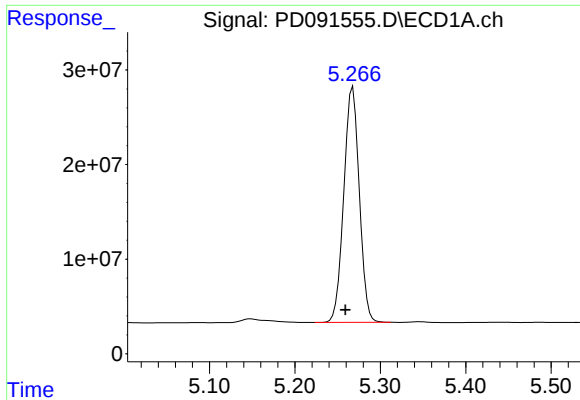
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: 0.008 min
Response: 319116082
Conc: 44.95 ng/ml



#4 Heptachlor

R.T.: 4.071 min
Delta R.T.: 0.002 min
Response: 3000976435
Conc: 51.49 ng/ml



#5 Aldrin

R.T.: 5.268 min
Delta R.T.: 0.009 min
Response: 314226482
Conc: 45.16 ng/ml

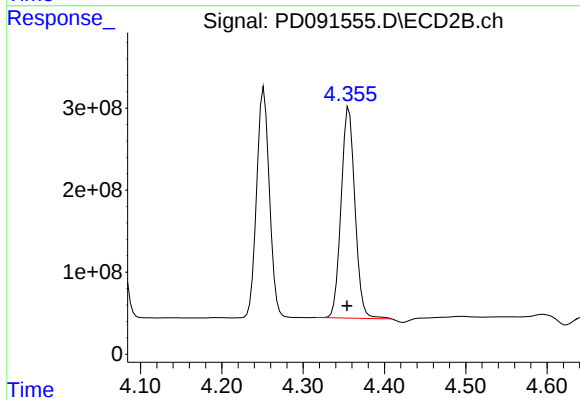
Instrument :

ECD_D

ClientSampleId :
PB170899BS

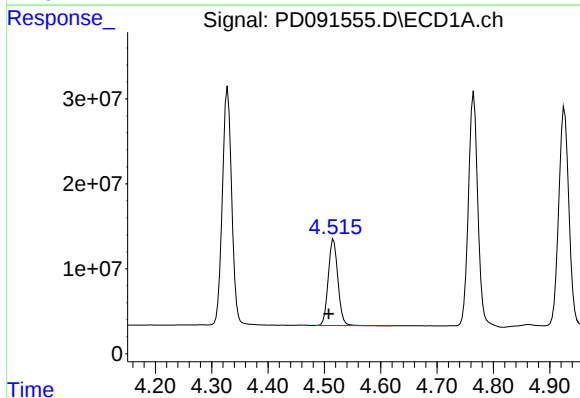
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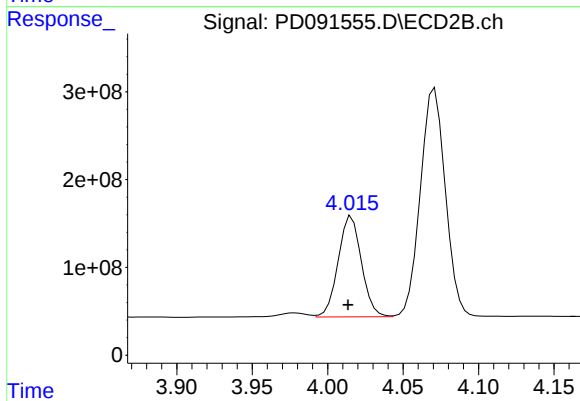
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: 0.002 min
Response: 3035076590
Conc: 52.34 ng/ml



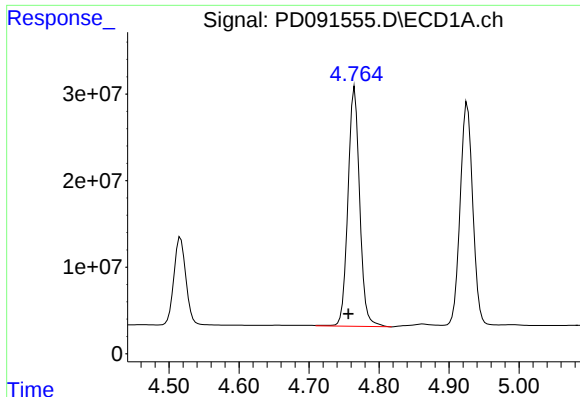
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.009 min
Response: 121036239
Conc: 41.92 ng/ml



#6 beta-BHC

R.T.: 4.016 min
Delta R.T.: 0.002 min
Response: 1232654672
Conc: 51.45 ng/ml



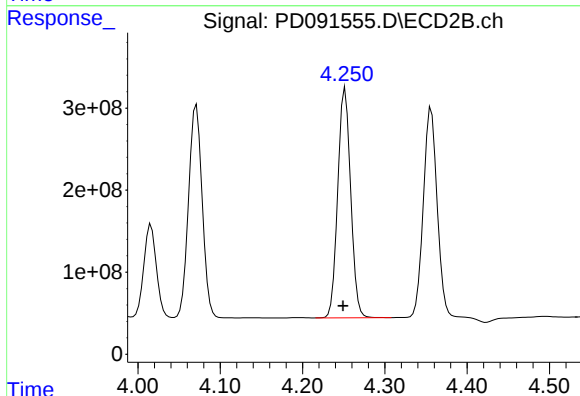
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: 0.009 min
Response: 321589058
Conc: 53.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170899BS

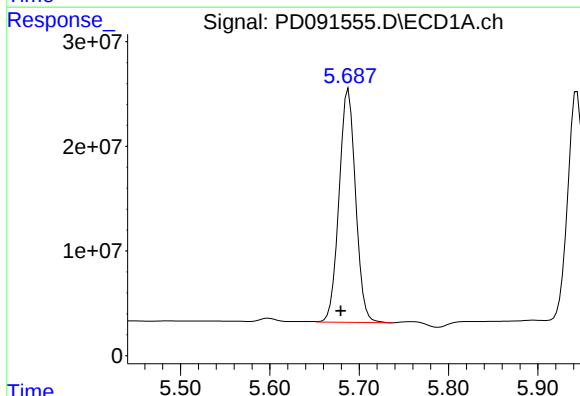
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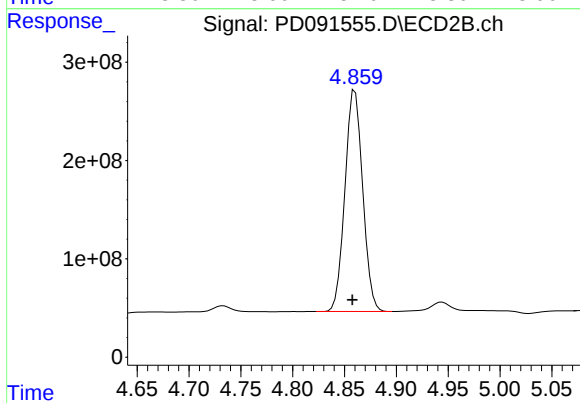
#7 delta-BHC

R.T.: 4.252 min
Delta R.T.: 0.002 min
Response: 3049268875
Conc: 50.92 ng/ml



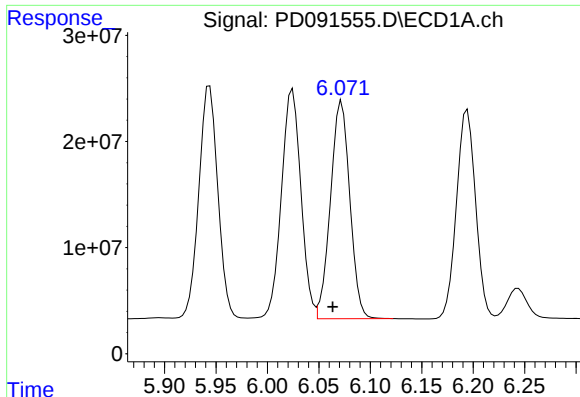
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.009 min
Response: 286097214
Conc: 46.20 ng/ml



#8 Heptachlor epoxide

R.T.: 4.860 min
Delta R.T.: 0.002 min
Response: 2684582977
Conc: 53.06 ng/ml



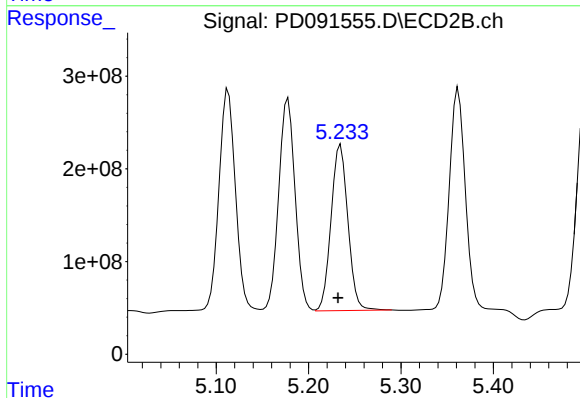
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.009 min
Response: 269033115
Conc: 44.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170899BS

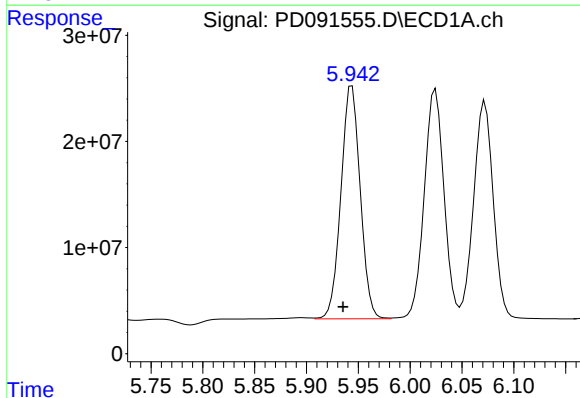
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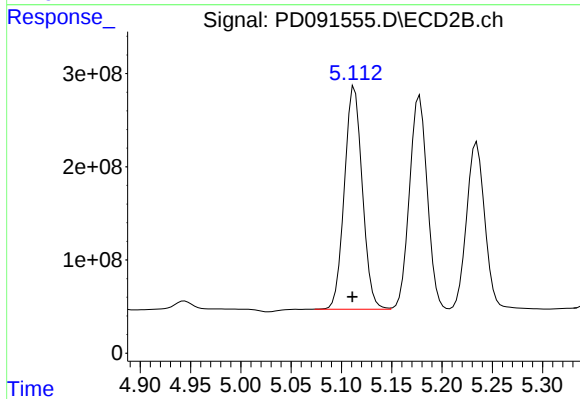
#9 Endosulfan I

R.T.: 5.235 min
Delta R.T.: 0.003 min
Response: 2265121405
Conc: 46.24 ng/ml



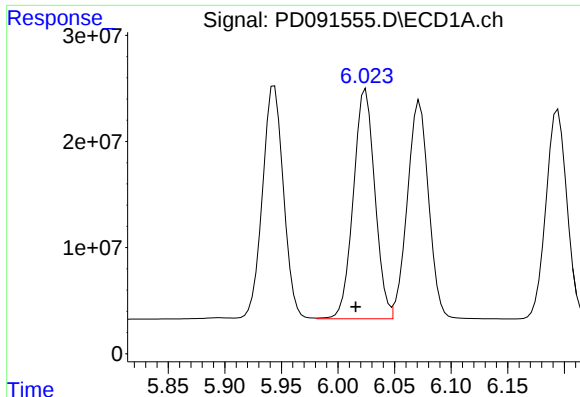
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.009 min
Response: 283954326
Conc: 44.53 ng/ml



#10 gamma-Chlordane

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 2954429418
Conc: 52.93 ng/ml m



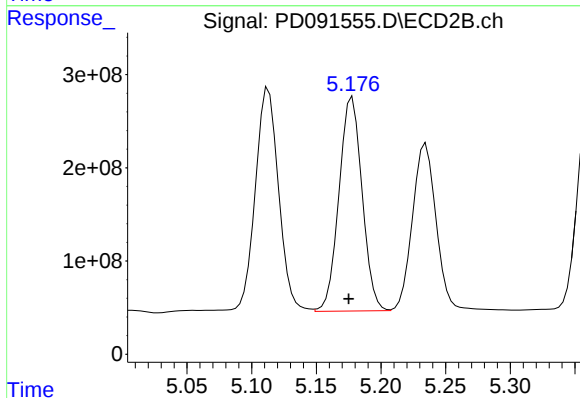
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.009 min
Response: 286249296
Conc: 42.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170899BS

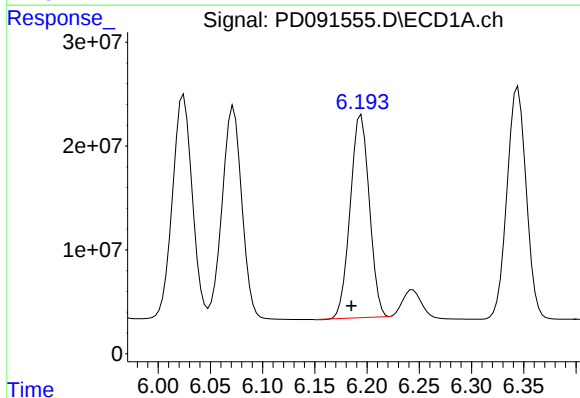
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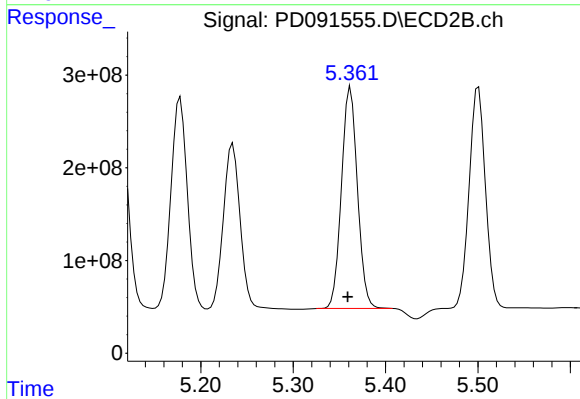
#11 alpha-Chlordane

R.T.: 5.178 min
Delta R.T.: 0.003 min
Response: 2848849771
Conc: 53.20 ng/ml



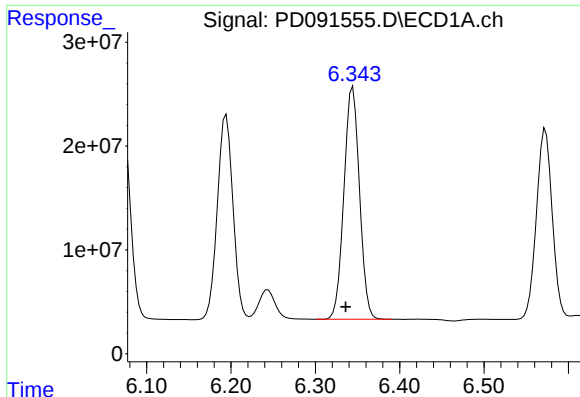
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.009 min
Response: 248663606
Conc: 42.80 ng/ml



#12 4,4'-DDE

R.T.: 5.361 min
Delta R.T.: 0.002 min
Response: 2876668828
Conc: 52.49 ng/ml m



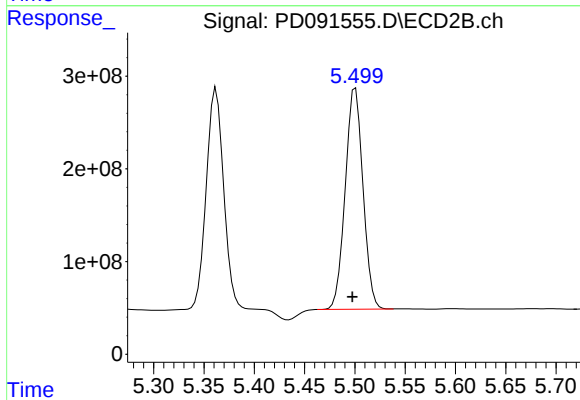
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.008 min
Response: 287113634
Conc: 44.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170899BS

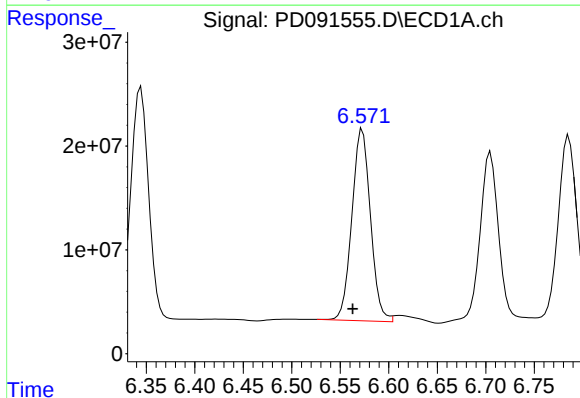
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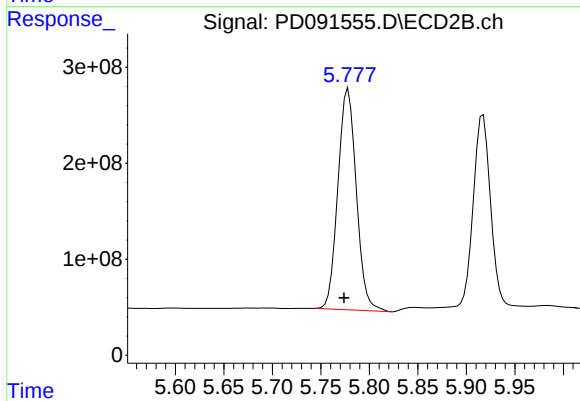
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: 0.003 min
Response: 2925597460
Conc: 52.75 ng/ml



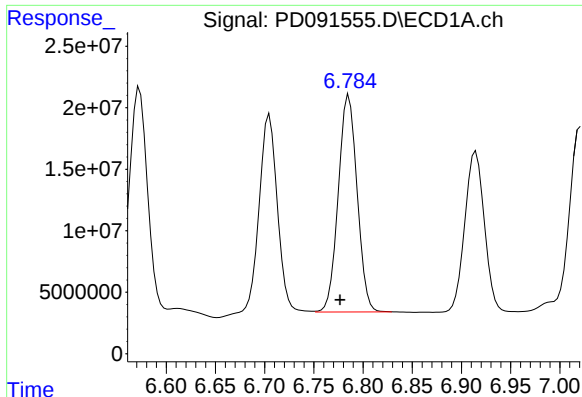
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.010 min
Response: 246242050
Conc: 43.91 ng/ml



#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.003 min
Response: 3038823437
Conc: 58.13 ng/ml m



#15 Endosulfan II

R.T.: 6.784 min
Delta R.T.: 0.008 min
Response: 235064538
Conc: 38.66 ng/ml

Instrument :

ECD_D

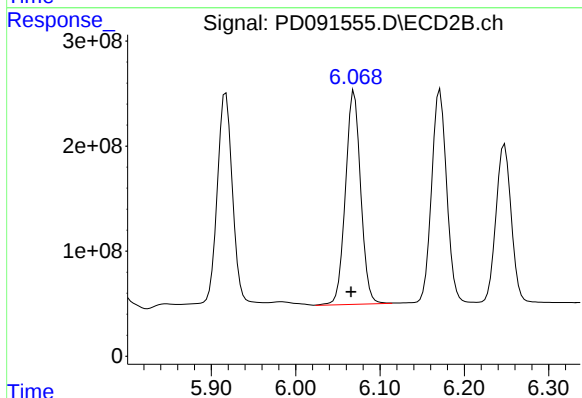
ClientSampleId :

PB170899BS

Manual Integrations

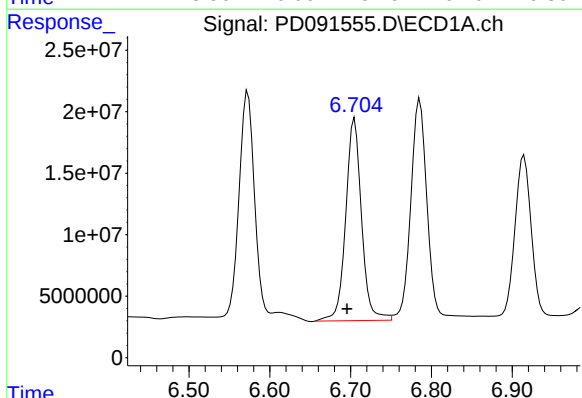
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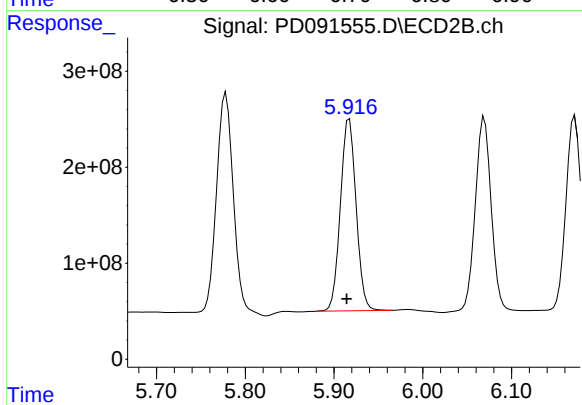
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: 0.002 min
Response: 2551141525
Conc: 54.15 ng/ml m



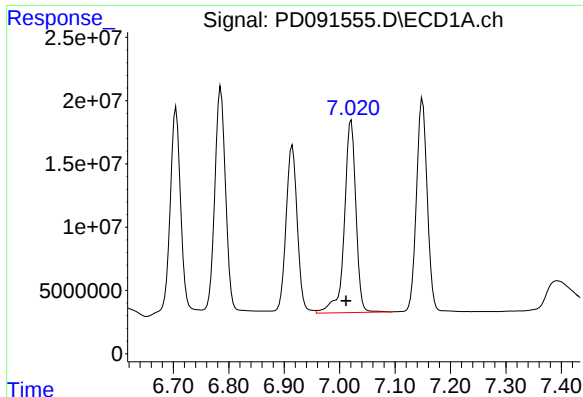
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.009 min
Response: 223924487
Conc: 48.65 ng/ml



#16 4,4'-DDD

R.T.: 5.917 min
Delta R.T.: 0.003 min
Response: 2460999079
Conc: 54.10 ng/ml



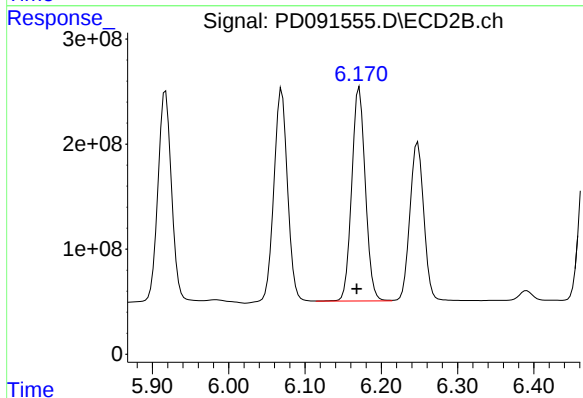
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.009 min
Response: 221512304
Conc: 42.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170899BS

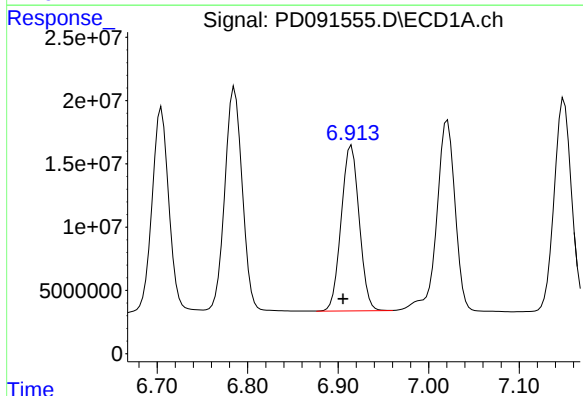
Manual Integrations
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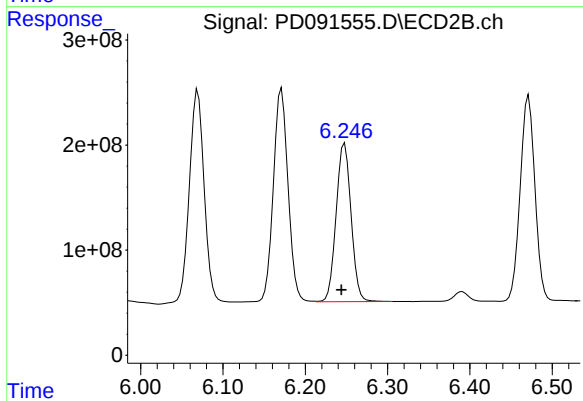
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: 0.004 min
Response: 2526116333
Conc: 53.30 ng/ml



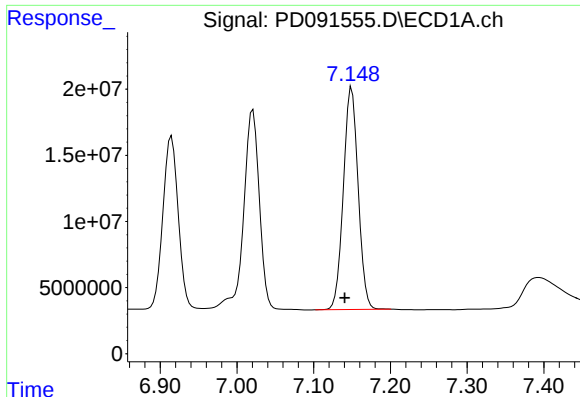
#18 Endrin aldehyde

R.T.: 6.913 min
Delta R.T.: 0.008 min
Response: 180925451
Conc: 43.31 ng/ml m



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: 0.004 min
Response: 1903168203
Conc: 53.32 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.150 min
Delta R.T.: 0.009 min
Response: 225646958
Conc: 42.74 ng/ml

Instrument :

ECD_D

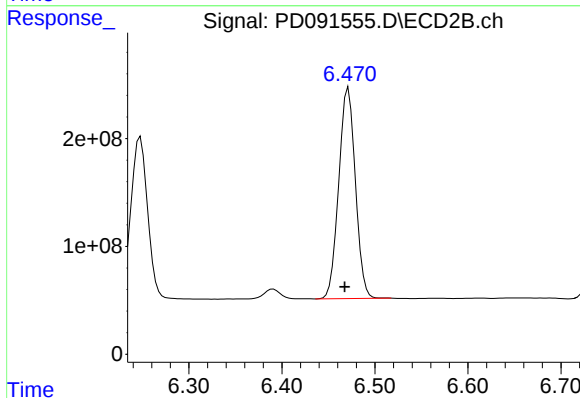
ClientSampleId :

PB170899BS

Manual Integrations

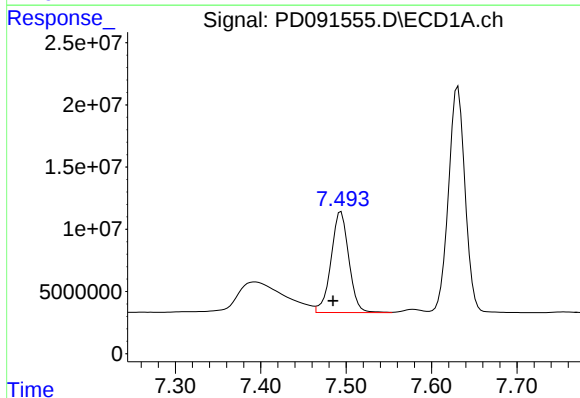
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Supervised By :Yogesh Patel 12/12/2025



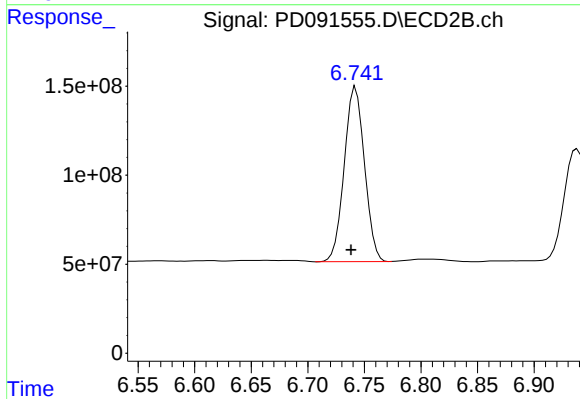
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: 0.004 min
Response: 2428226317
Conc: 52.68 ng/ml



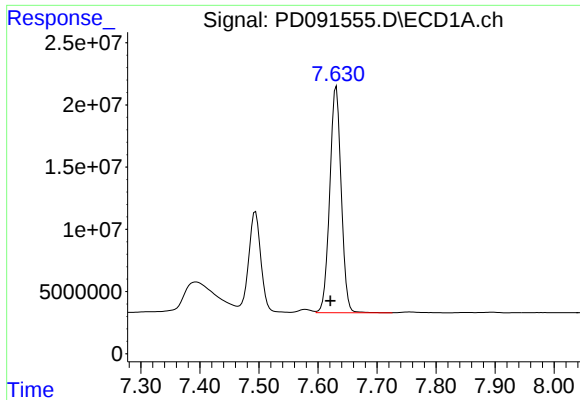
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.010 min
Response: 117591783
Conc: 43.75 ng/ml



#20 Methoxychlor

R.T.: 6.742 min
Delta R.T.: 0.004 min
Response: 1223353421
Conc: 51.84 ng/ml



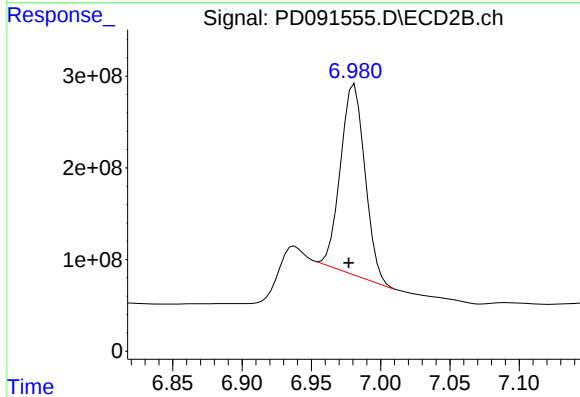
#21 Endrin ketone

R.T.: 7.631 min
Delta R.T.: 0.010 min
Response: 245185320
Conc: 43.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170899BS

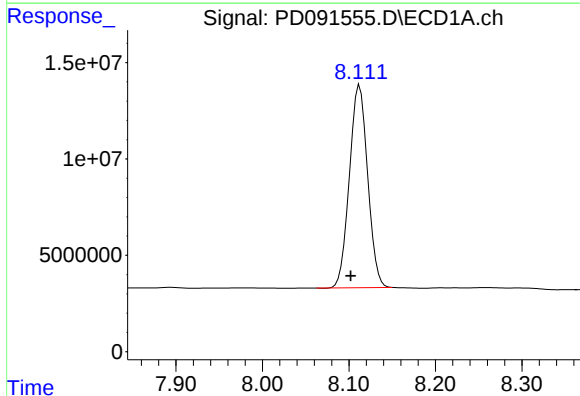
Manual Integrations
APPROVED

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



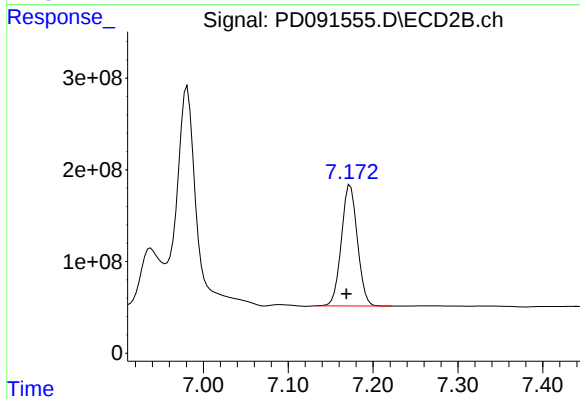
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: 0.003 min
Response: 2554498088
Conc: 52.52 ng/ml m



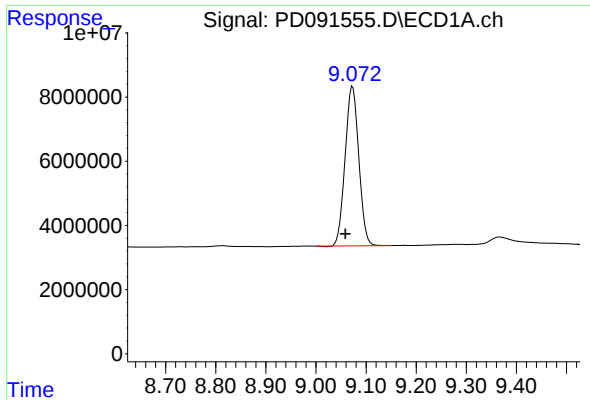
#22 Mirex

R.T.: 8.112 min
Delta R.T.: 0.010 min
Response: 153923772
Conc: 41.43 ng/ml



#22 Mirex

R.T.: 7.173 min
Delta R.T.: 0.004 min
Response: 1727244017
Conc: 52.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.014 min
Response: 94344120
Conc: 18.15 ng/ml

Instrument :

ECD_D

ClientSampleId :

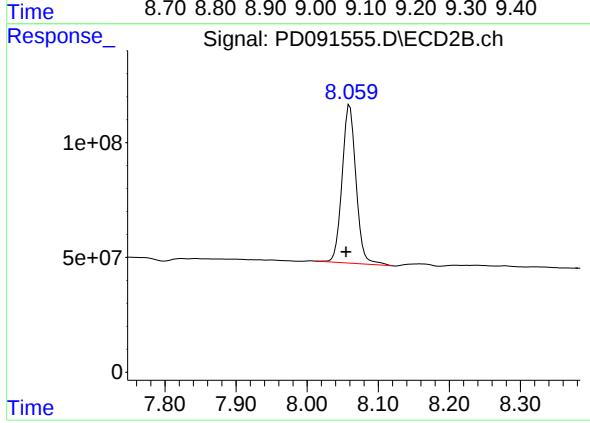
PB170899BS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: 0.005 min
Response: 938591813
Conc: 22.67 ng/ml