

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
 Data File : PD091093.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Nov 2025 11:47
 Operator : AR\AJ
 Sample : PB170485BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170485BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/13/2025
 Supervised By :Yogesh Patel 11/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 12:00:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.544	2.874	61905958	686.3E6	19.879	23.048
2)	SA Decachlor...	9.064	8.060	81677694	627.4E6	17.460m	20.711
Target Compounds							
2)	A alpha-BHC	3.993	3.385	334.3E6	2609.8E6	46.585	51.076
3)	MA gamma-BHC...	4.324	3.721	312.5E6	2398.8E6	45.971	50.770
4)	MA Heptachlor	4.922	4.073	305.5E6	2306.0E6	54.659	51.701
5)	MB Aldrin	5.263	4.359	294.9E6	2313.3E6	45.046	49.942
6)	B beta-BHC	4.512	4.018	116.6E6	982.1E6	44.503	49.525
7)	B delta-BHC	4.760	4.254	312.2E6	2394.7E6	46.166	50.185
8)	B Heptachlo...	5.684	4.863	261.0E6	2031.7E6	45.090	47.649
9)	A Endosulfan I	6.068	5.237	247.0E6	1902.0E6	44.604	48.286
10)	B gamma-Chl...	5.939	5.115	266.0E6	2185.0E6	44.849	48.611
11)	B alpha-Chl...	6.020	5.180	266.5E6	2088.8E6	43.127	48.421
12)	B 4,4'-DDE	6.189	5.364	230.9E6	2123.3E6	43.352	48.435
13)	MA Dieldrin	6.341	5.503	248.9E6	2105.6E6	42.675	47.654
14)	MA Endrin	6.568	5.780	204.8E6	1843.3E6	41.344	45.520
15)	B Endosulfa...	6.781	6.071	219.4E6	1819.8E6	43.877	48.457
16)	A 4,4'-DDD	6.700	5.919	192.5E6	1812.2E6	47.486	49.735
17)	MA 4,4'-DDT	7.016	6.173	184.8E6	1636.1E6	44.968	46.647
18)	B Endrin al...	6.910	6.249	167.0E6	1331.0E6	45.584	48.063
19)	B Endosulfa...	7.144	6.472	203.6E6	1661.2E6	43.905	46.343
20)	A Methoxychlor	7.487	6.743	93716063	791.5E6	44.090m	45.419
21)	B Endrin ke...	7.625	6.982	225.8E6	1838.9E6	46.465	48.754
22)	Mirex	8.106	7.174	144.7E6	1162.5E6	45.197m	45.250

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091093.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 11:47
Operator : AR\AJ
Sample : PB170485BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

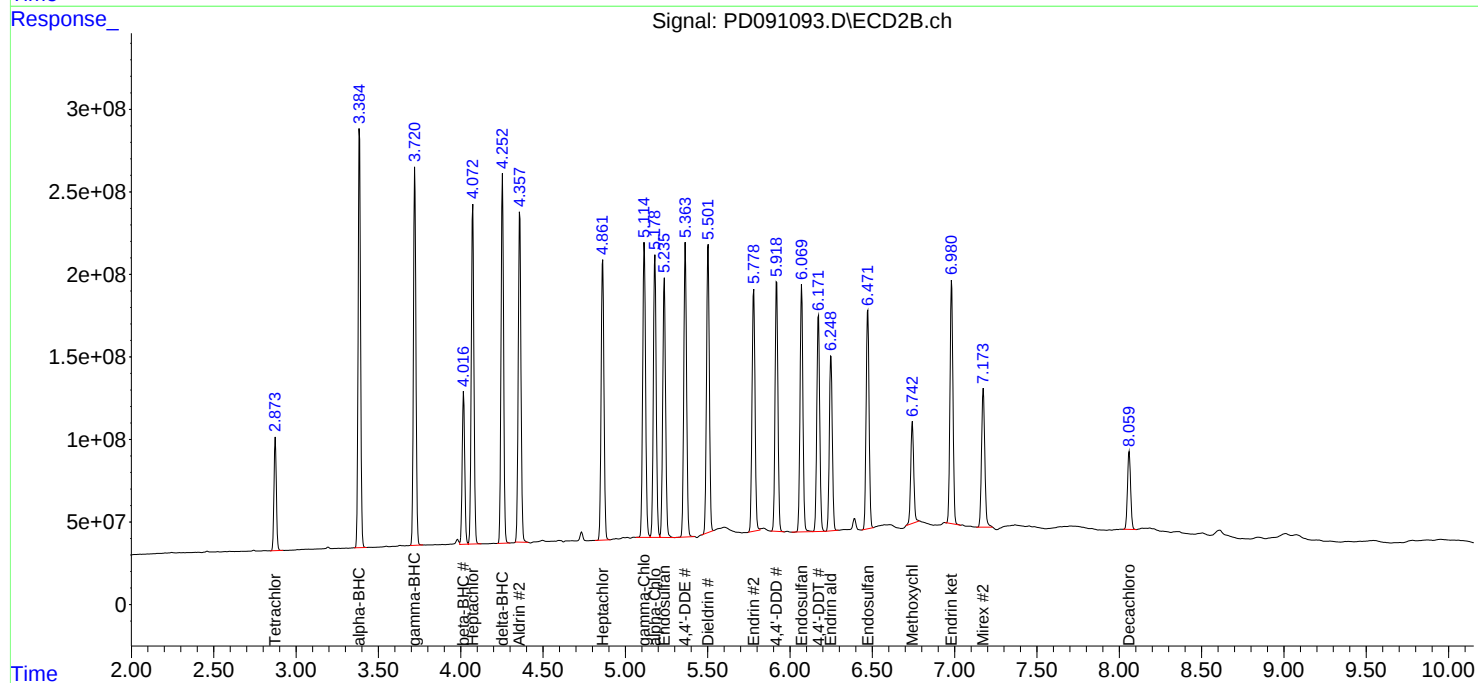
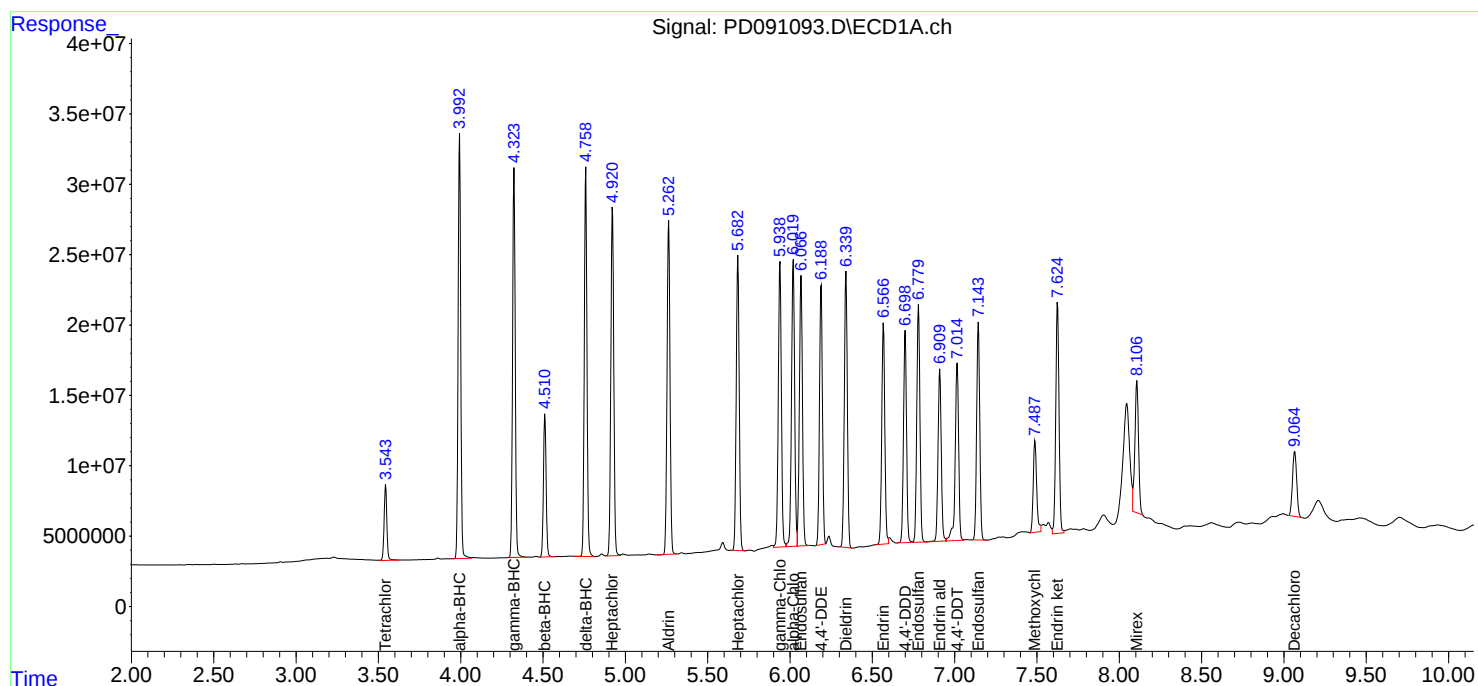
Instrument :
ECD_D
ClientSampleId :
PB170485BSD

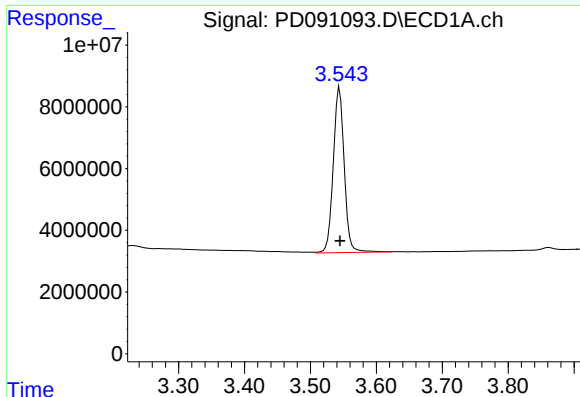
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Yogesh Patel 11/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 12:00:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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





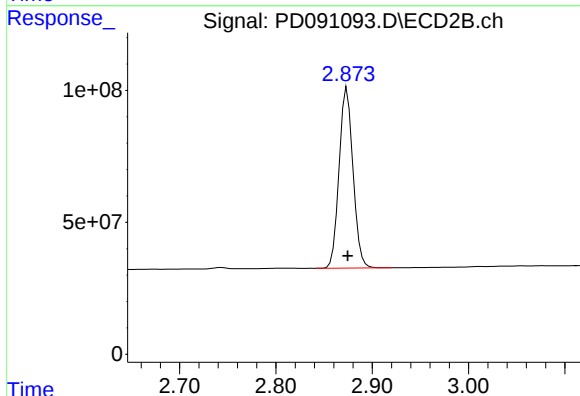
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 61905958
Conc: 19.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170485BSD

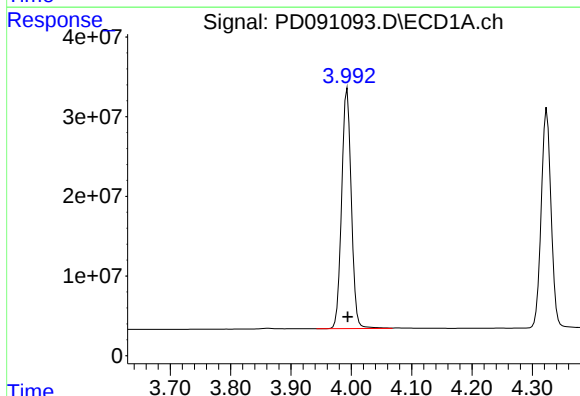
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Yogesh Patel 11/13/2025



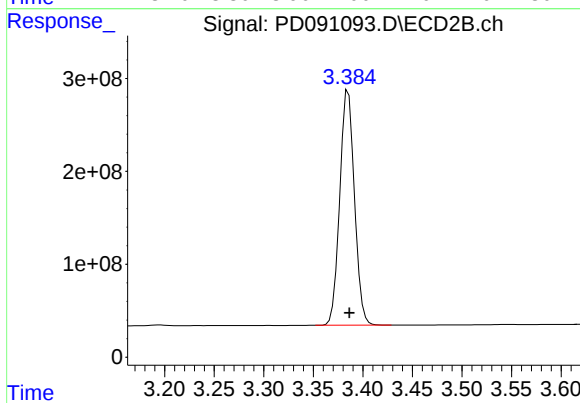
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 686312366
Conc: 23.05 ng/ml



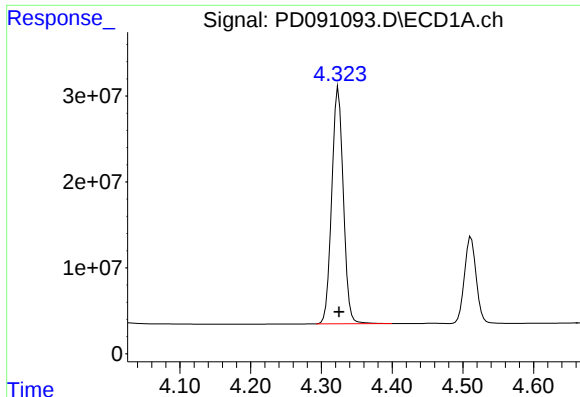
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 334348812
Conc: 46.59 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.001 min
Response: 2609773271
Conc: 51.08 ng/ml



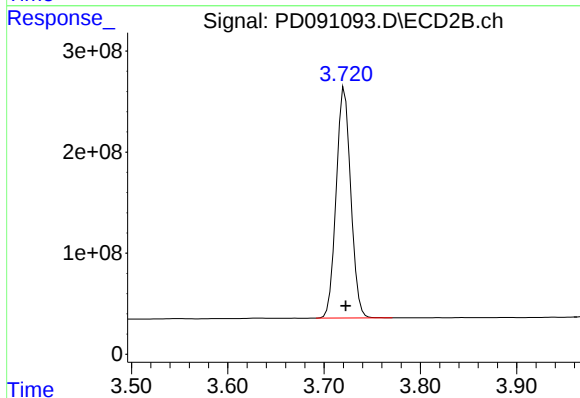
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 312548018
Conc: 45.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170485BSD

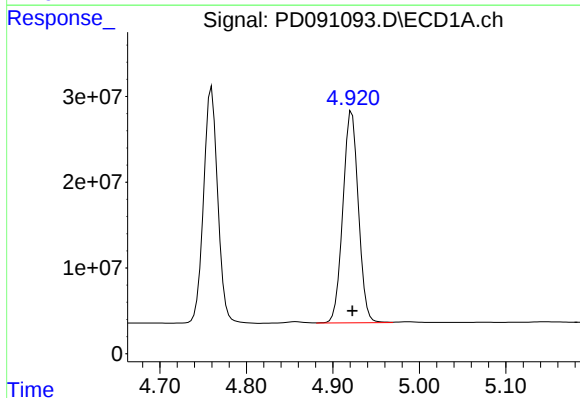
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Yogesh Patel 11/13/2025



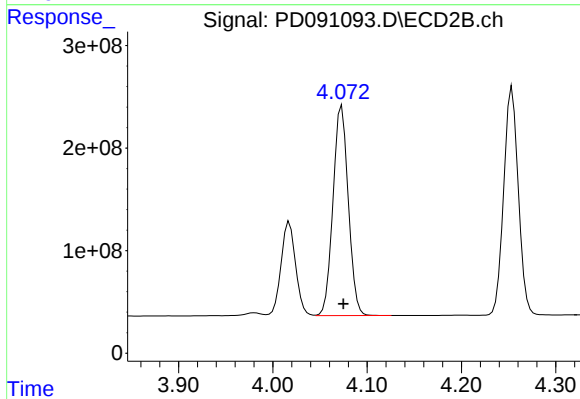
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.001 min
Response: 2398802835
Conc: 50.77 ng/ml



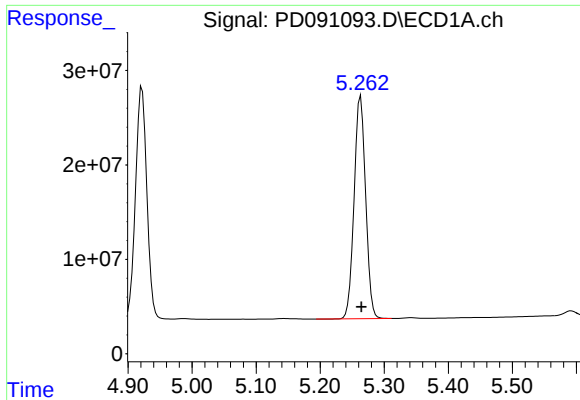
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 305520420
Conc: 54.66 ng/ml



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 2306024865
Conc: 51.70 ng/ml



#5 Aldrin

R.T.: 5.263 min
Delta R.T.: -0.001 min
Response: 294927433
Conc: 45.05 ng/ml

Instrument :

ECD_D

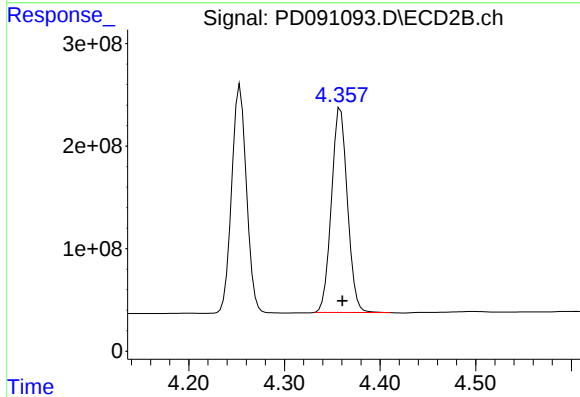
ClientSampleId :

PB170485BSD

Manual Integrations

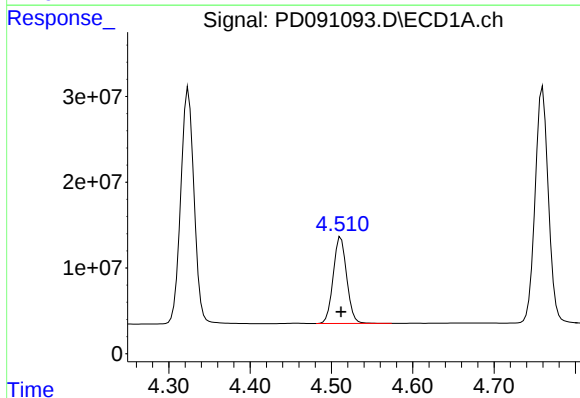
APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Yogesh Patel 11/13/2025



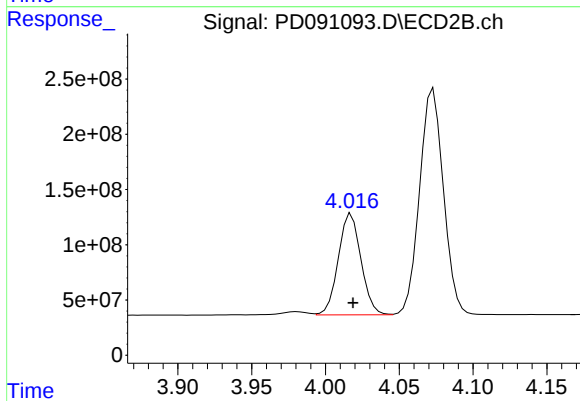
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 2313269660
Conc: 49.94 ng/ml



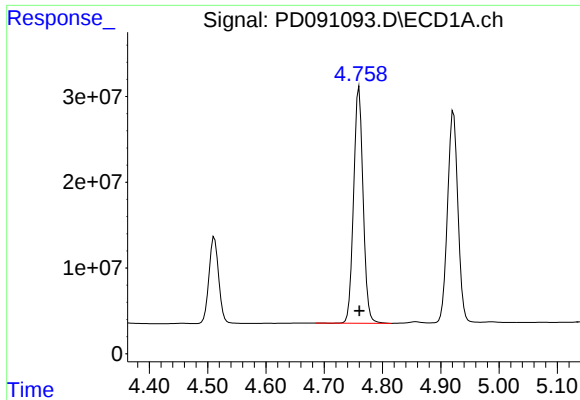
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 116580293
Conc: 44.50 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: -0.001 min
Response: 982061145
Conc: 49.53 ng/ml



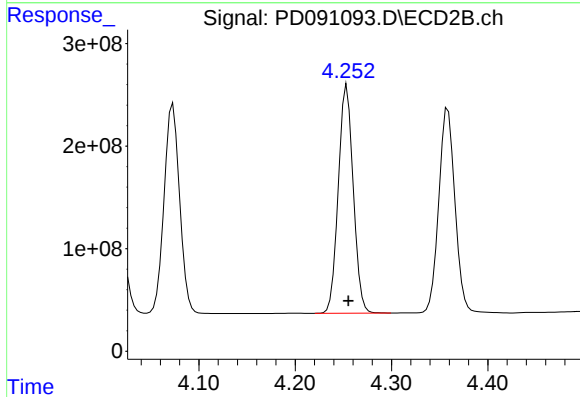
#7 delta-BHC

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 312160379
Conc: 46.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170485BSD

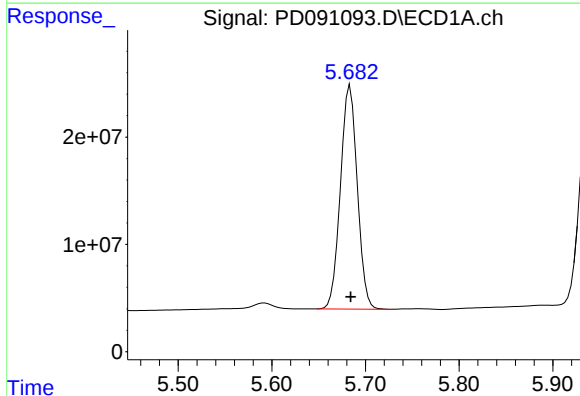
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Yogesh Patel 11/13/2025



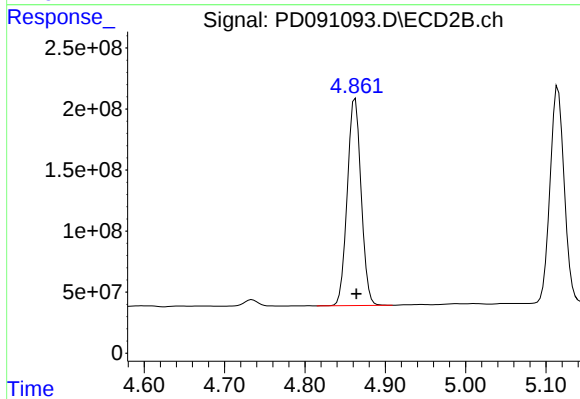
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.001 min
Response: 2394683962
Conc: 50.19 ng/ml



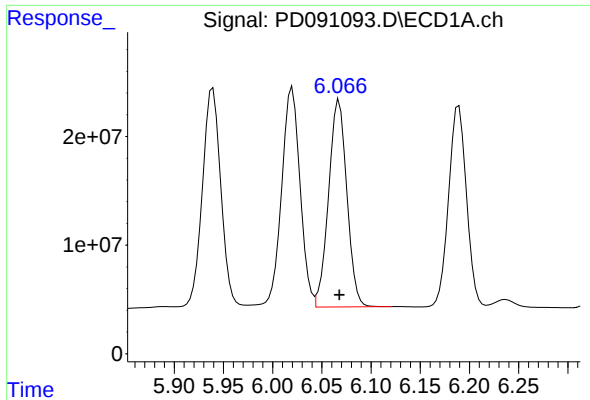
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 261031339
Conc: 45.09 ng/ml



#8 Heptachlor epoxide

R.T.: 4.863 min
Delta R.T.: -0.001 min
Response: 2031714472
Conc: 47.65 ng/ml



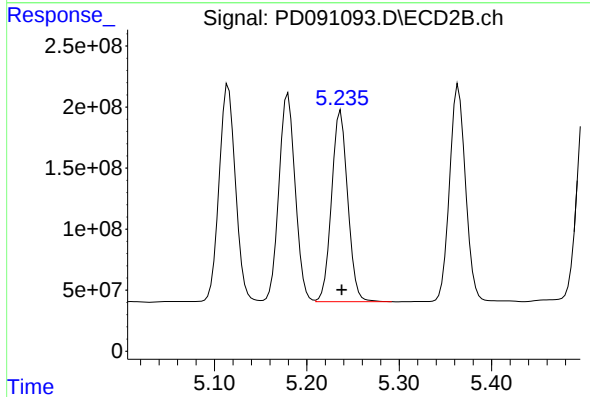
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 246955474
Conc: 44.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170485BSD

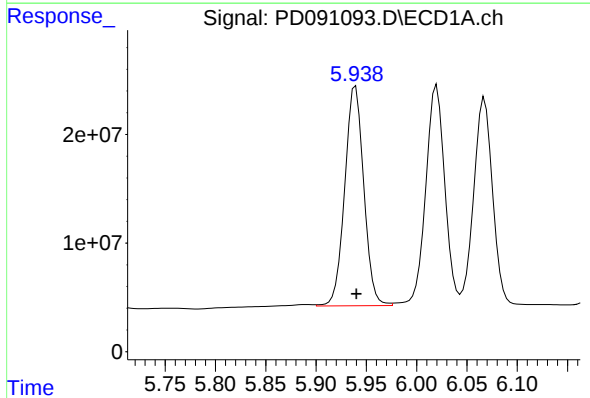
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Yogesh Patel 11/13/2025



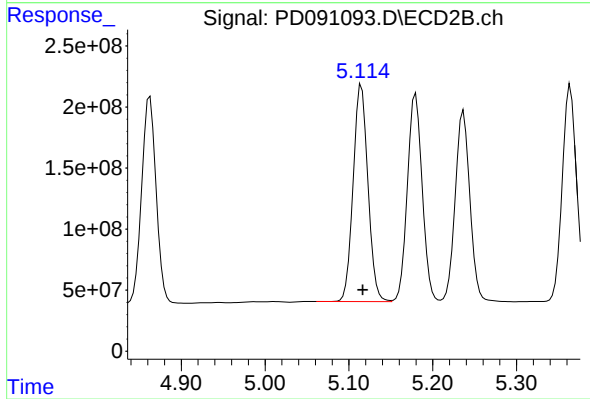
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: -0.001 min
Response: 1901991989
Conc: 48.29 ng/ml



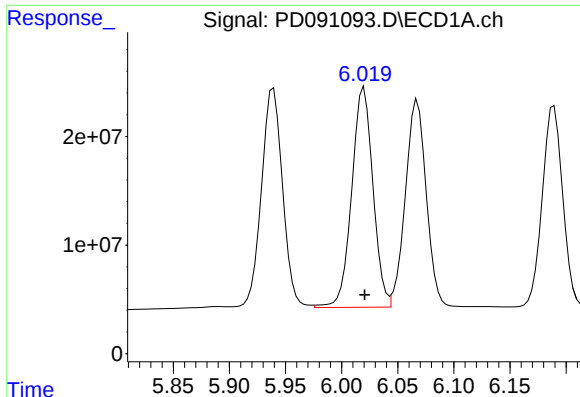
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 266006100
Conc: 44.85 ng/ml



#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 2184991718
Conc: 48.61 ng/ml



#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 266536242
Conc: 43.13 ng/ml

Instrument :

ECD_D

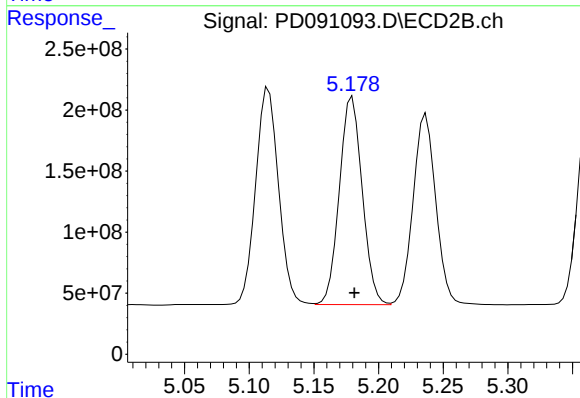
ClientSampleId :

PB170485BSD

Manual Integrations

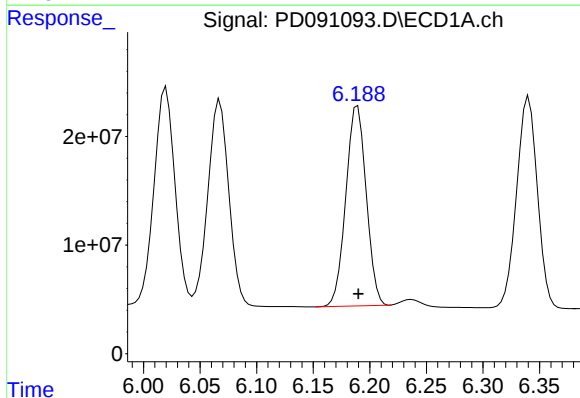
APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Yogesh Patel 11/13/2025



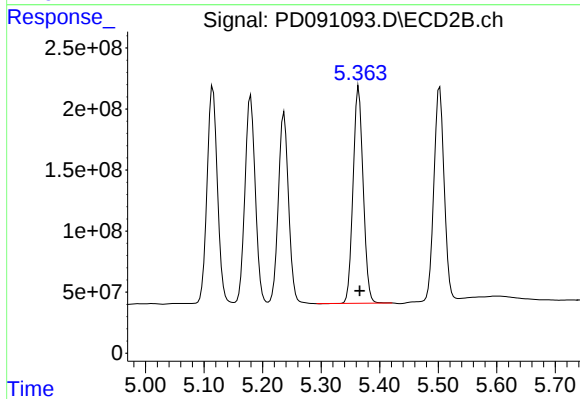
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.002 min
Response: 2088789922
Conc: 48.42 ng/ml



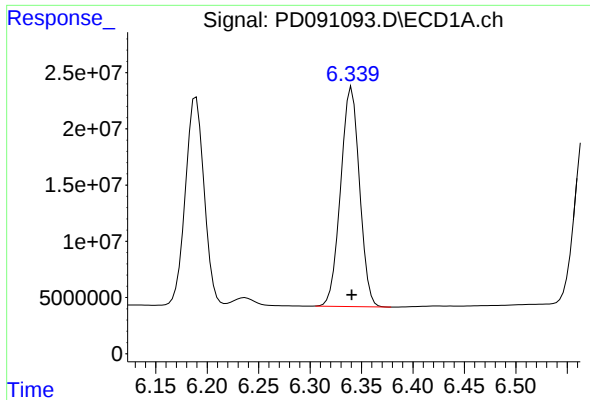
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 230921422
Conc: 43.35 ng/ml



#12 4,4'-DDE

R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 2123322135
Conc: 48.44 ng/ml



#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 248853997
Conc: 42.68 ng/ml

Instrument :

ECD_D

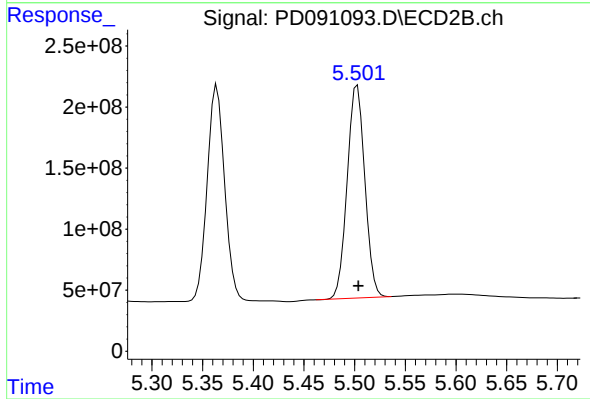
ClientSampleId :

PB170485BSD

Manual Integrations

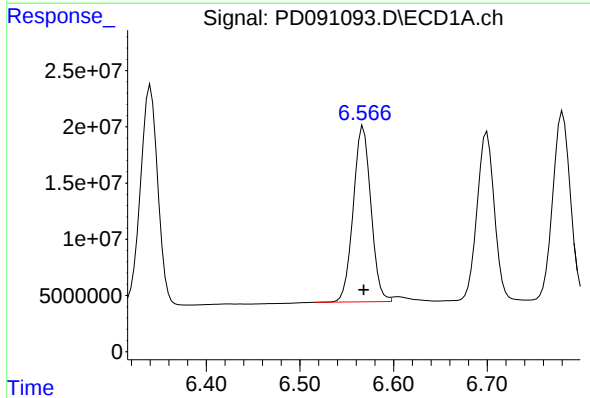
APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Yogesh Patel 11/13/2025



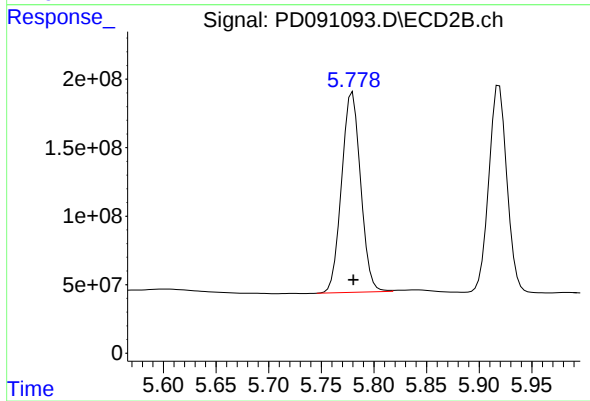
#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: -0.001 min
Response: 2105565008
Conc: 47.65 ng/ml



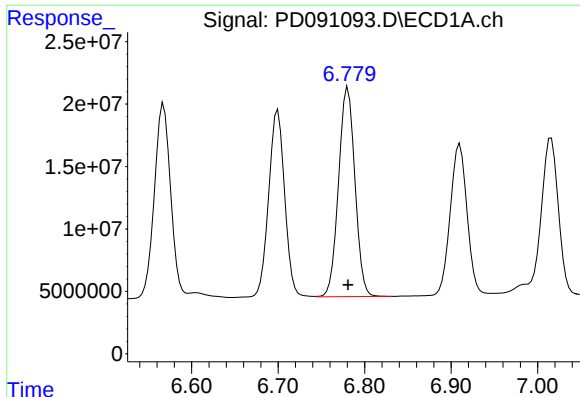
#14 Endrin

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 204807176
Conc: 41.34 ng/ml



#14 Endrin

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 1843273506
Conc: 45.52 ng/ml



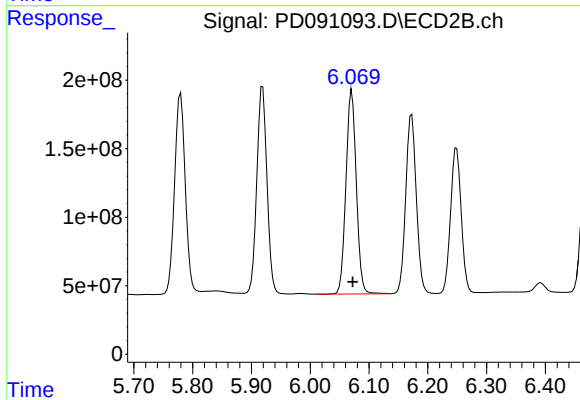
#15 Endosulfan II

R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 219381300
Conc: 43.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170485BSD

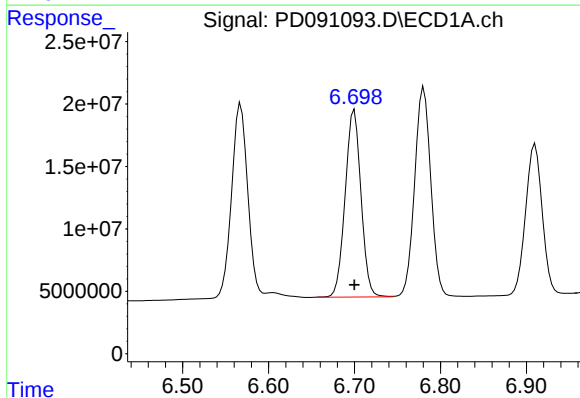
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Yogesh Patel 11/13/2025



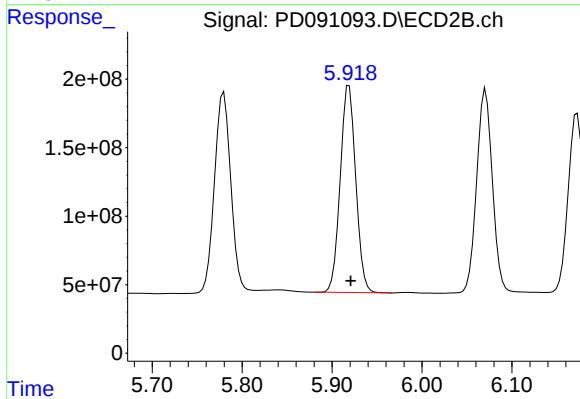
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.001 min
Response: 1819818168
Conc: 48.46 ng/ml



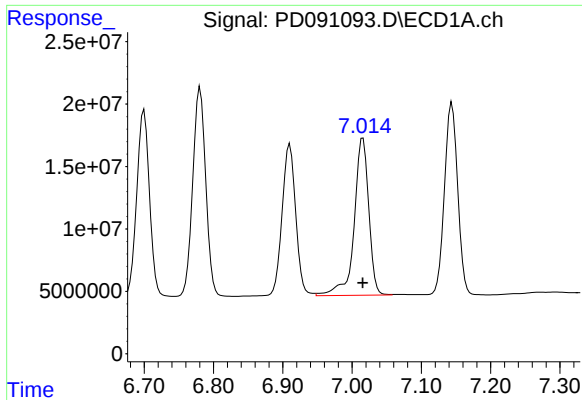
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 192517189
Conc: 47.49 ng/ml



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 1812238236
Conc: 49.73 ng/ml



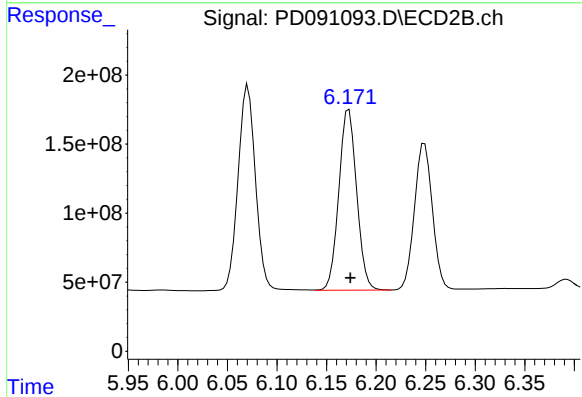
#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 184837735
Conc: 44.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170485BSD

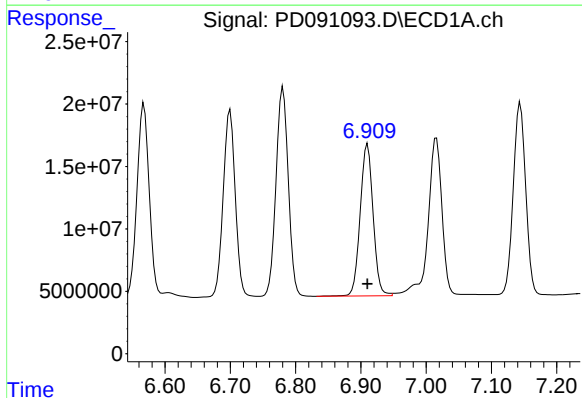
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Yogesh Patel 11/13/2025



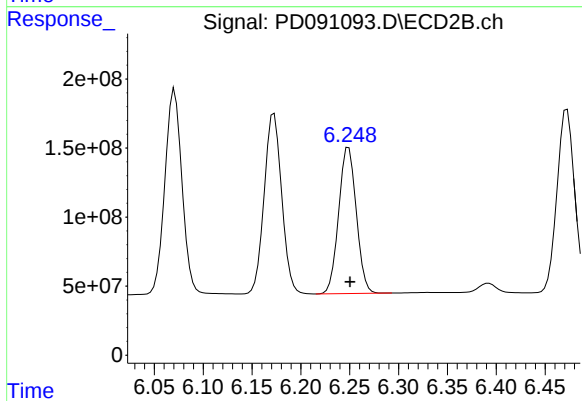
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: -0.001 min
Response: 1636069695
Conc: 46.65 ng/ml



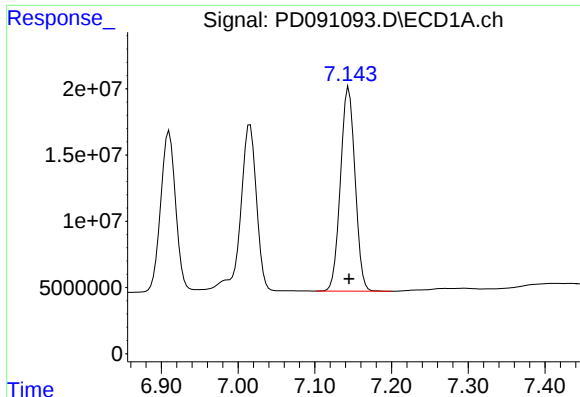
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 166961408
Conc: 45.58 ng/ml



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.001 min
Response: 1330990683
Conc: 48.06 ng/ml



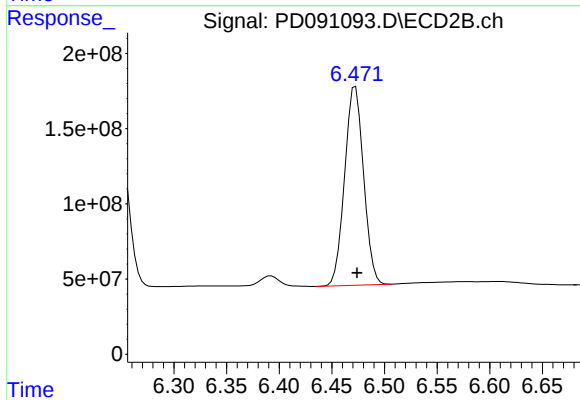
#19 Endosulfan Sulfate

R.T.: 7.144 min
Delta R.T.: 0.000 min
Response: 203639548
Conc: 43.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170485BSD

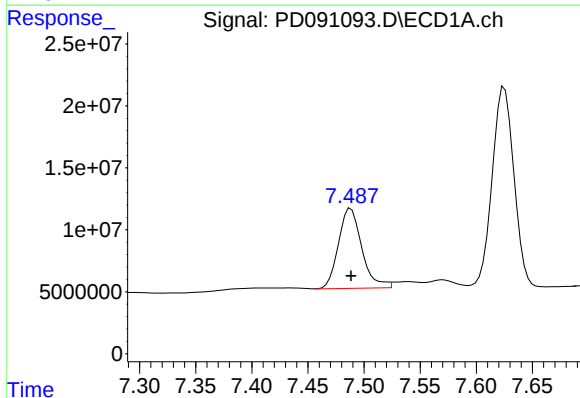
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Yogesh Patel 11/13/2025



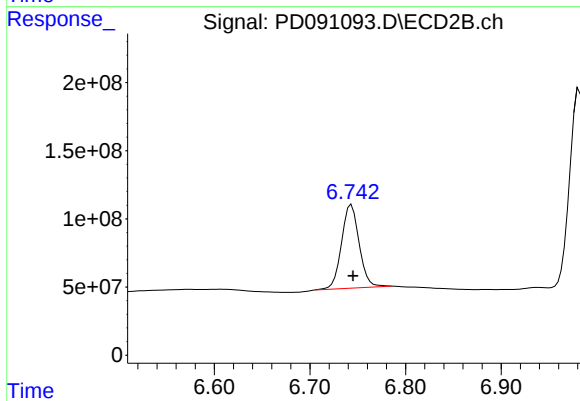
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: -0.001 min
Response: 1661174479
Conc: 46.34 ng/ml



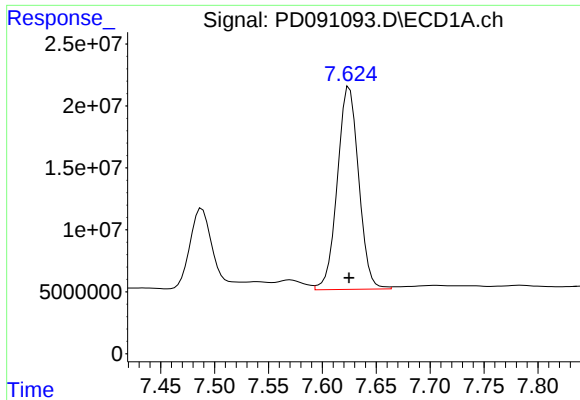
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: -0.002 min
Response: 93716063
Conc: 44.09 ng/ml m



#20 Methoxychlor

R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 791546616
Conc: 45.42 ng/ml



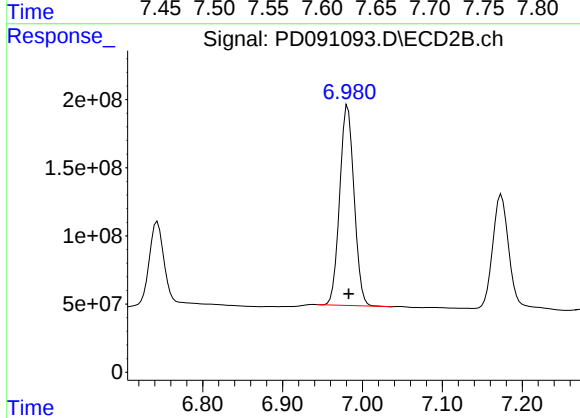
#21 Endrin ketone

R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 225765946
Conc: 46.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170485BSD

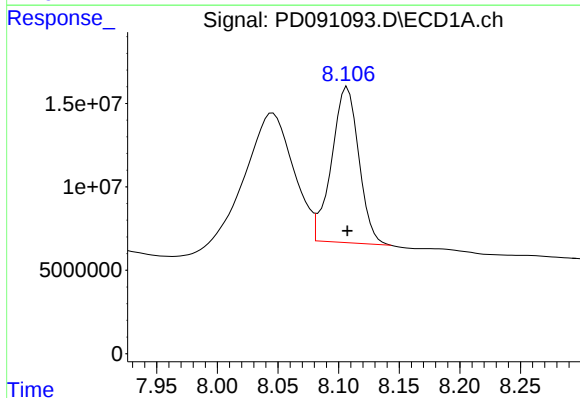
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Yogesh Patel 11/13/2025



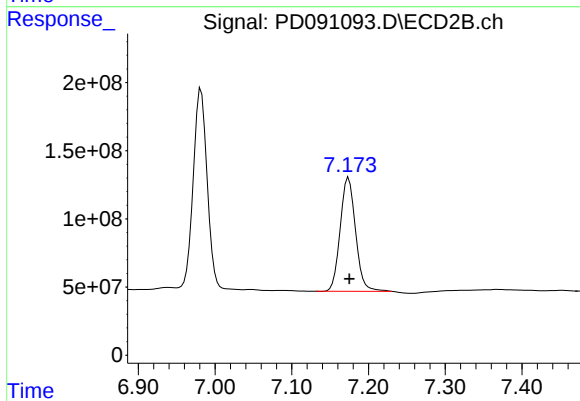
#21 Endrin ketone

R.T.: 6.982 min
Delta R.T.: -0.001 min
Response: 1838898635
Conc: 48.75 ng/ml



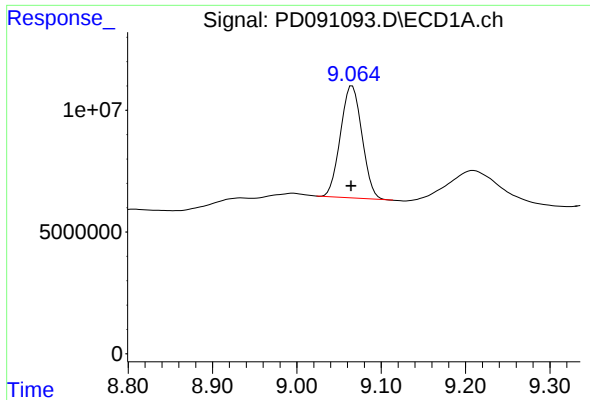
#22 Mirex

R.T.: 8.106 min
Delta R.T.: -0.001 min
Response: 144667753
Conc: 45.20 ng/ml m



#22 Mirex

R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 1162503084
Conc: 45.25 ng/ml



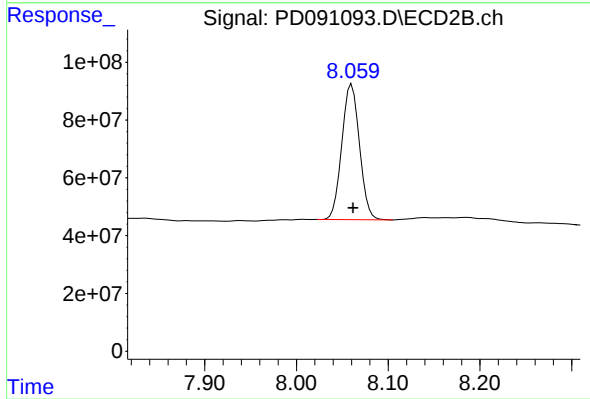
#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 81677694
Conc: 17.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170485BSD

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Yogesh Patel 11/13/2025



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 627371393
Conc: 20.71 ng/ml