

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092525\
 Data File : PD090401.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Sep 2025 18:07
 Operator : AR\AJ
 Sample : PB169830BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB169830BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/26/2025
 Supervised By : Sohil Jodhani 09/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 05:46:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 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...	3.547	2.877	70212312	642.5E6	21.601	23.407
28)	SA Decachlor...	9.068	8.065	110.1E6	586.9E6	22.811m	18.106
Target Compounds							
2)	A alpha-BHC	3.997	3.389	297.7E6	1899.3E6	42.619	43.380
3)	MA gamma-BHC...	4.328	3.725	277.0E6	1740.3E6	41.867	42.722
4)	MA Heptachlor	4.924	4.077	265.3E6	1670.1E6	40.121m	41.017
5)	MB Aldrin	5.266	4.363	260.2E6	1670.9E6	40.983m	41.841
6)	B beta-BHC	4.514	4.021	101.9E6	718.9E6	39.504	41.468
7)	B delta-BHC	4.761	4.257	266.0E6	1706.1E6	41.194m	41.315
8)	B Heptachlo...	5.687	4.866	230.2E6	1506.9E6	40.276	40.877
9)	A Endosulfan I	6.071	5.241	211.0E6	1378.4E6	39.066	39.832
10)	B gamma-Chl...	5.943	5.119	223.6E6	1571.0E6	39.139	39.990
11)	B alpha-Chl...	6.023	5.184	224.7E6	1501.7E6	39.002	39.870
12)	B 4,4'-DDE	6.193	5.368	210.3E6	1515.8E6	40.387	39.599
13)	MA Dieldrin	6.344	5.506	227.8E6	1532.9E6	39.525	39.360
14)	MA Endrin	6.571	5.782	196.7E6	1413.5E6	40.200	39.449m
15)	B Endosulfa...	6.784	6.075	180.3E6	1259.3E6	36.968	37.312
16)	A 4,4'-DDD	6.701	5.923	174.0E6	1311.9E6	42.468m	40.455
17)	MA 4,4'-DDT	7.017	6.177	157.5E6	1179.9E6	35.385m	34.321
18)	B Endrin al...	6.912	6.253	132.1E6	890.6E6	38.513m	37.820
19)	B Endosulfa...	7.147	6.476	172.8E6	1159.2E6	37.564	35.461
20)	A Methoxychlor	7.490	6.747	112.3E6	616.1E6	47.643m	35.409 #
21)	B Endrin ke...	7.627	6.985	212.5E6	1244.8E6	42.947m	34.479
22)	Mirex	8.109	7.178	173.1E6	862.5E6	46.715m	31.243 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092525\
Data File : PD090401.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2025 18:07
Operator : AR\AJ
Sample : PB169830BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

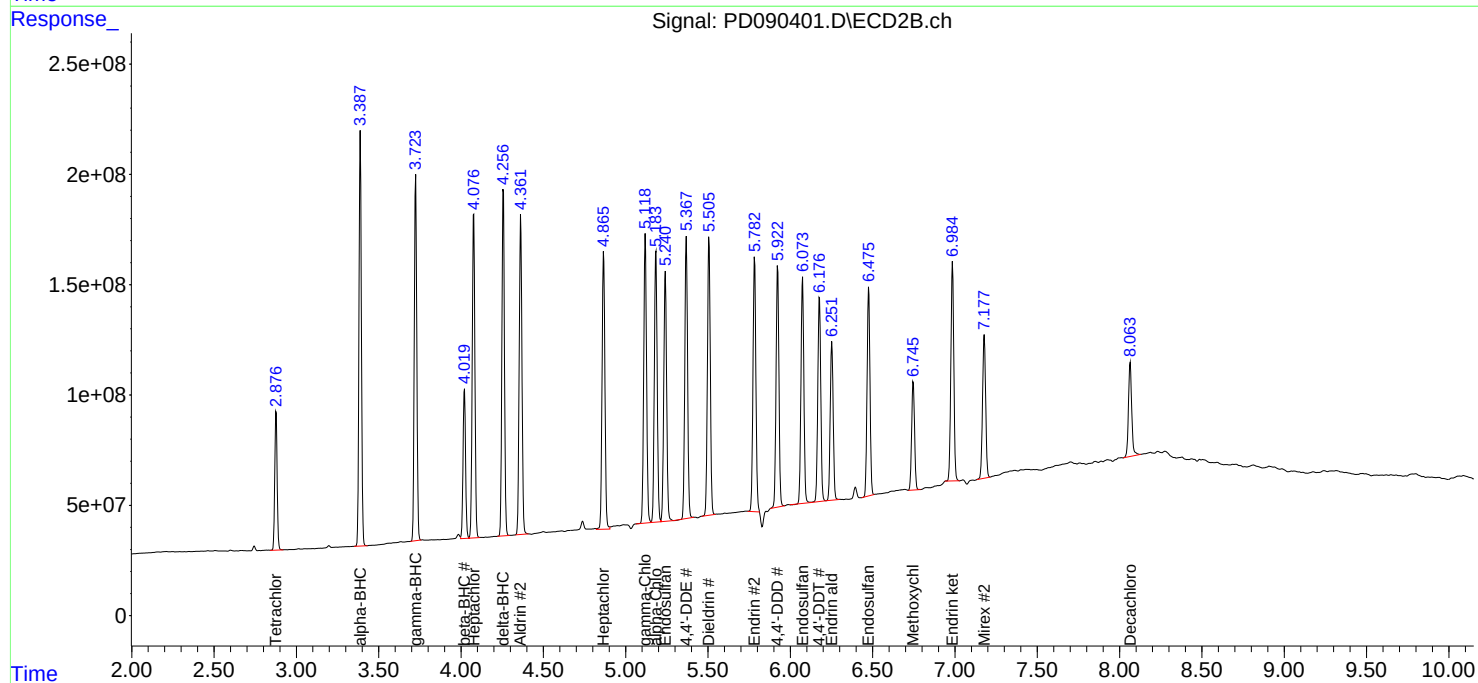
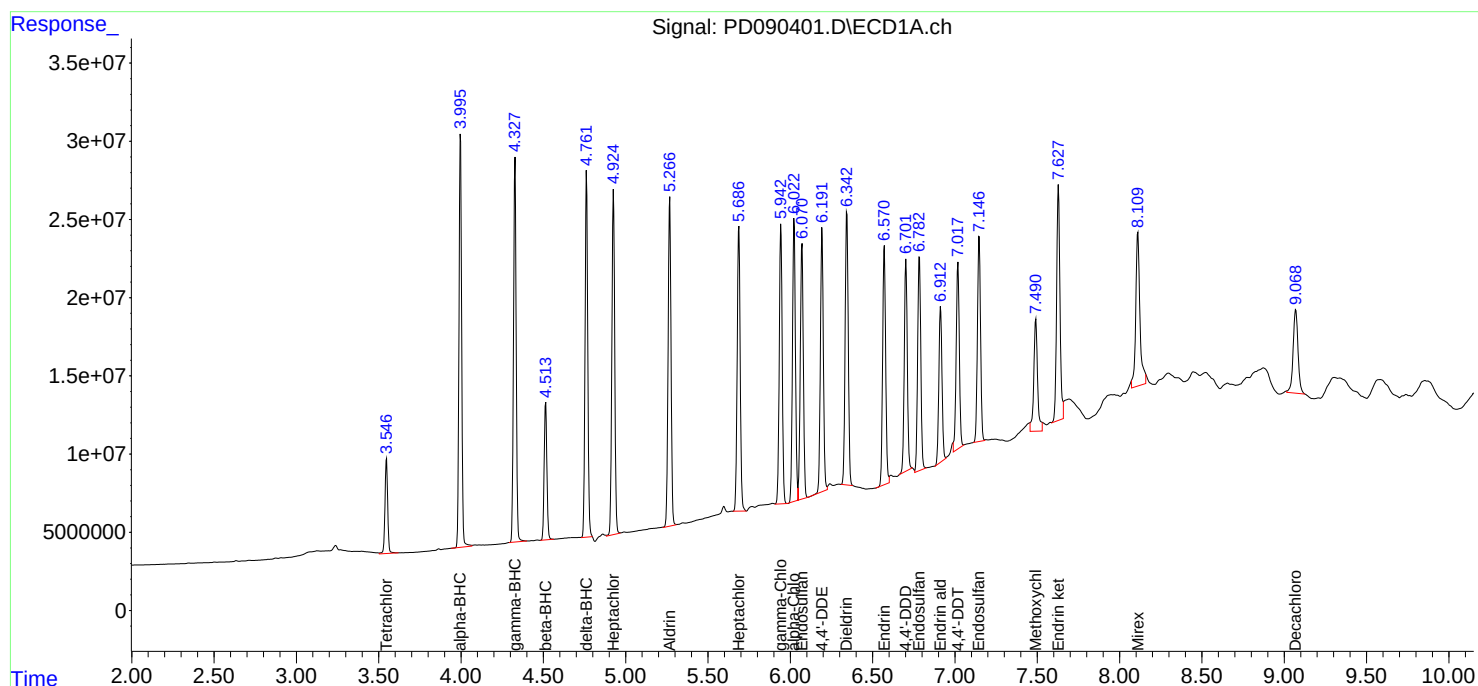
Instrument :
ECD_D
ClientSampleId :
PB169830BSD

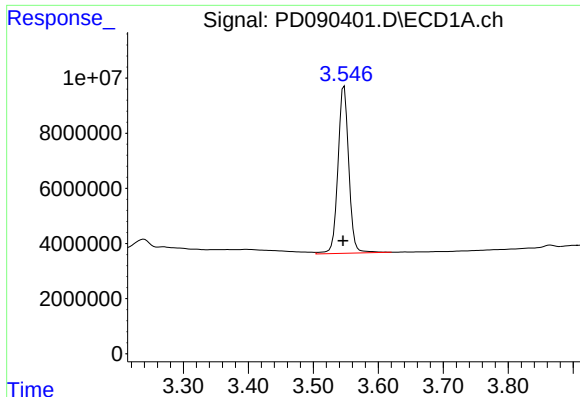
Manual Integrations
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Supervised By : Sohil Jodhani 09/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 05:46:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 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.: 3.547 min
Delta R.T.: 0.001 min
Response: 70212312
Conc: 21.60 ng/ml

Instrument :

ECD_D

ClientSampleId :

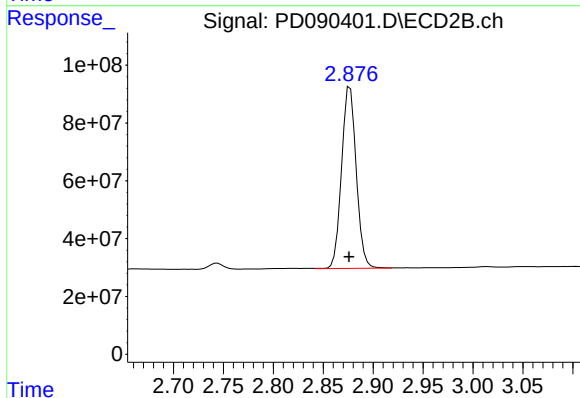
PB169830BSD

Manual Integrations

APPROVED

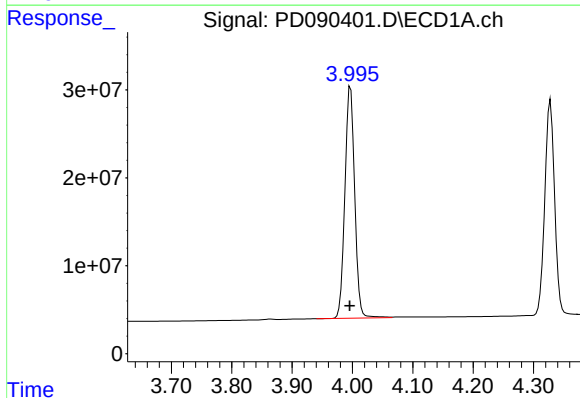
Reviewed By :Abdul Mirza 09/26/2025

Supervised By :Sohil Jodhani 09/26/2025



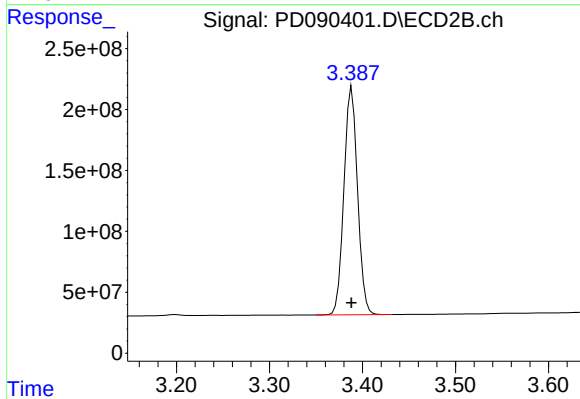
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.001 min
Response: 642531500
Conc: 23.41 ng/ml



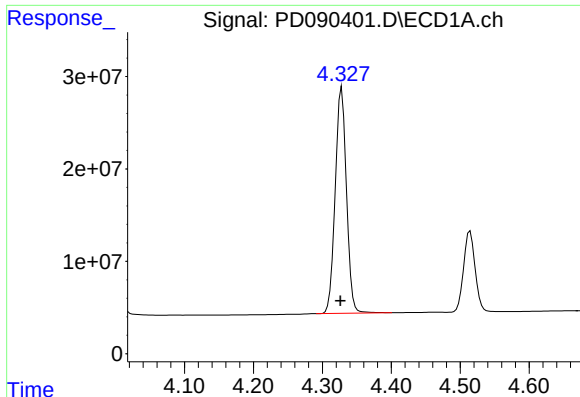
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.001 min
Response: 297671113
Conc: 42.62 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 1899296464
Conc: 43.38 ng/ml



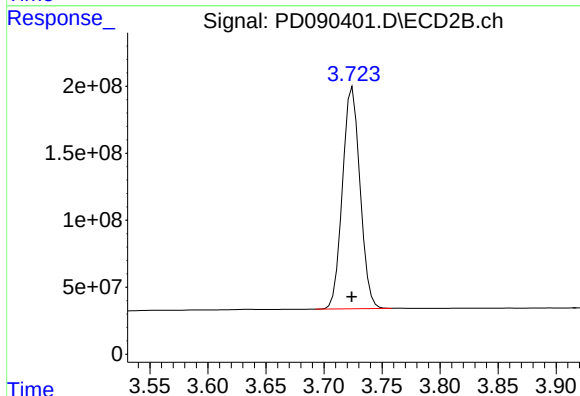
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.002 min
Response: 277026821
Conc: 41.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB169830BSD

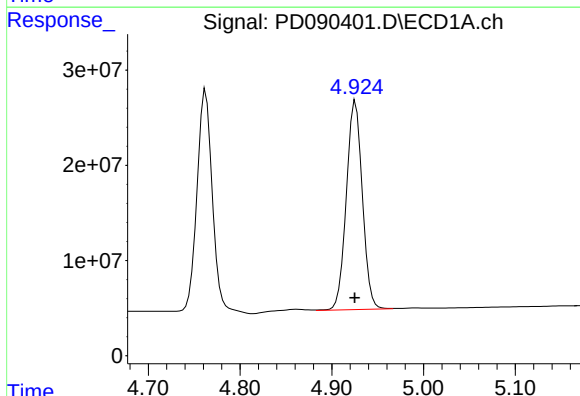
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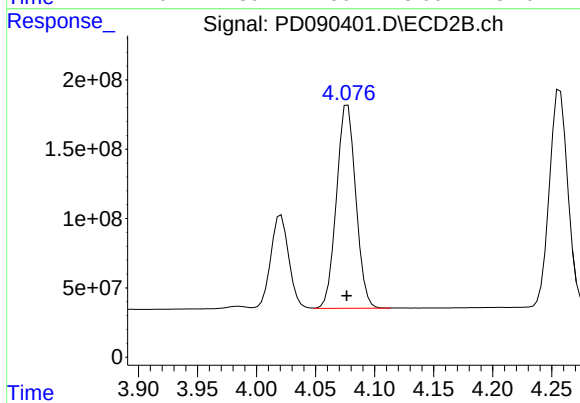
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 1740284689
Conc: 42.72 ng/ml



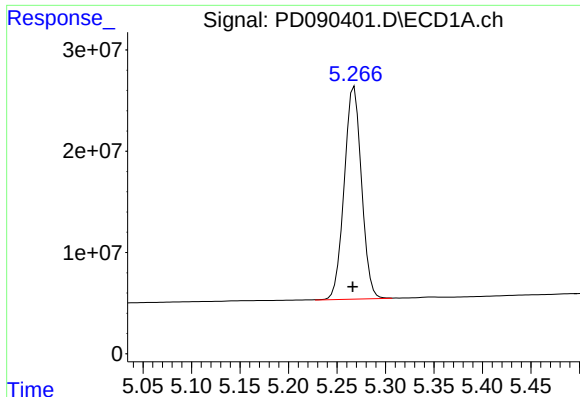
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 265304909
Conc: 40.12 ng/ml m



#4 Heptachlor

R.T.: 4.077 min
Delta R.T.: 0.000 min
Response: 1670089658
Conc: 41.02 ng/ml



#5 Aldrin

R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 260239210
Conc: 40.98 ng/ml

Instrument :

ECD_D

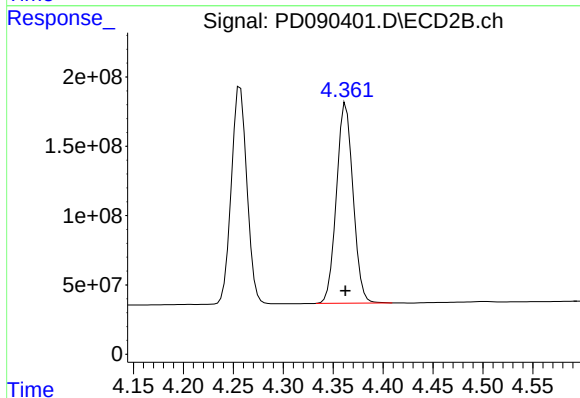
ClientSampleId :

PB169830BSD

Manual Integrations

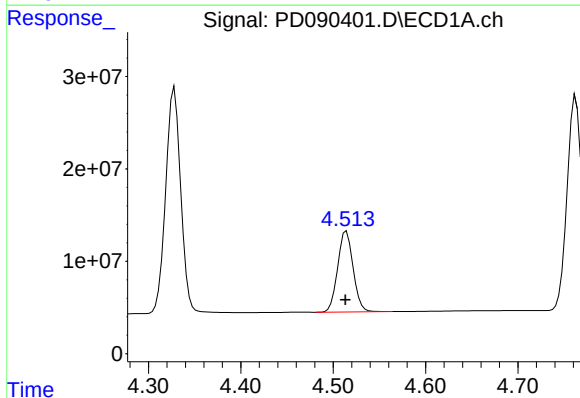
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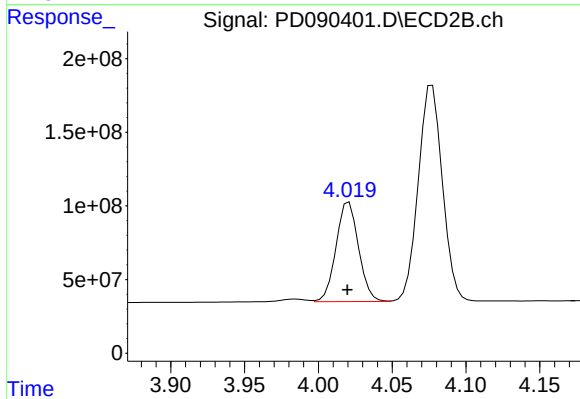
#5 Aldrin

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 1670933539
Conc: 41.84 ng/ml



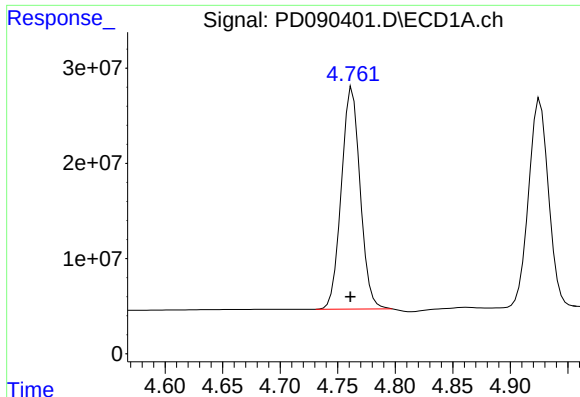
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: 0.001 min
Response: 101916792
Conc: 39.50 ng/ml



#6 beta-BHC

R.T.: 4.021 min
Delta R.T.: 0.001 min
Response: 718865609
Conc: 41.47 ng/ml



#7 delta-BHC

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 266009095
Conc: 41.19 ng/ml

Instrument :

ECD_D

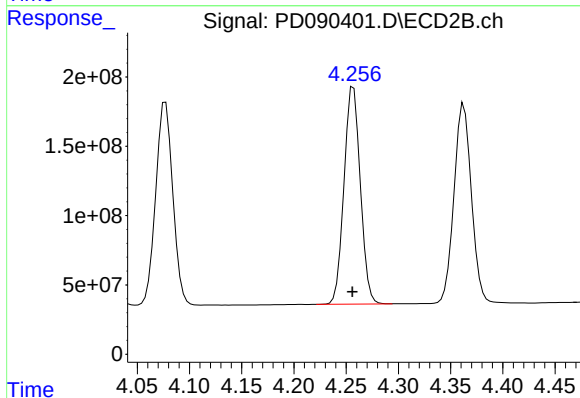
ClientSampleId :

PB169830BSD

Manual Integrations

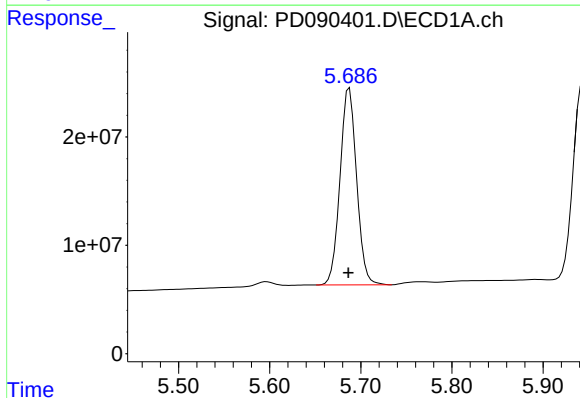
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Reviewed By :Abdul Mirza 09/26/2025
Supervised By :Sohil Jodhani 09/26/2025



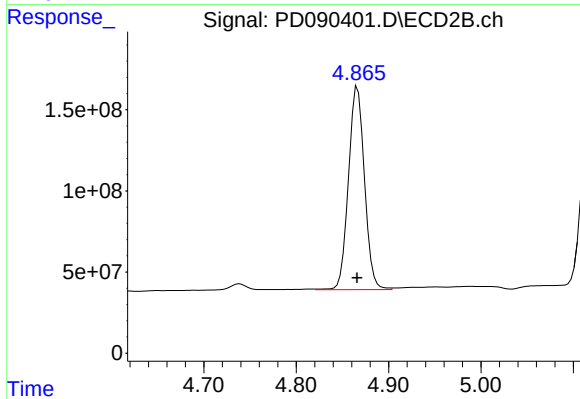
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: 0.001 min
Response: 1706090343
Conc: 41.31 ng/ml



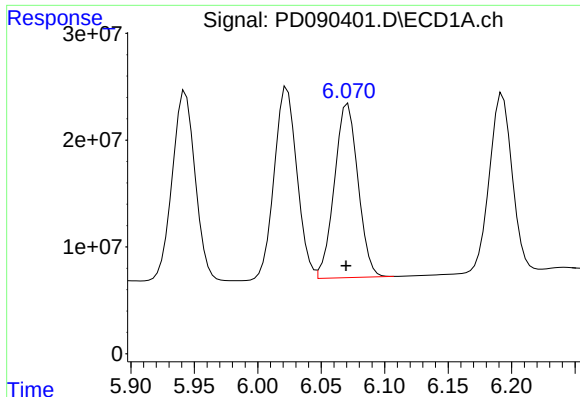
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: 0.001 min
Response: 230172959
Conc: 40.28 ng/ml



#8 Heptachlor epoxide

R.T.: 4.866 min
Delta R.T.: 0.000 min
Response: 1506929046
Conc: 40.88 ng/ml



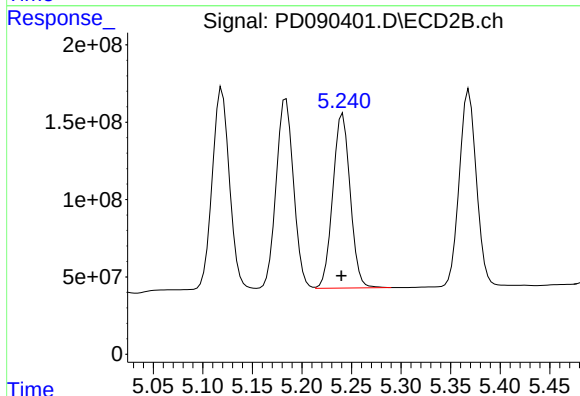
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: 0.001 min
Response: 211013891
Conc: 39.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB169830BSD

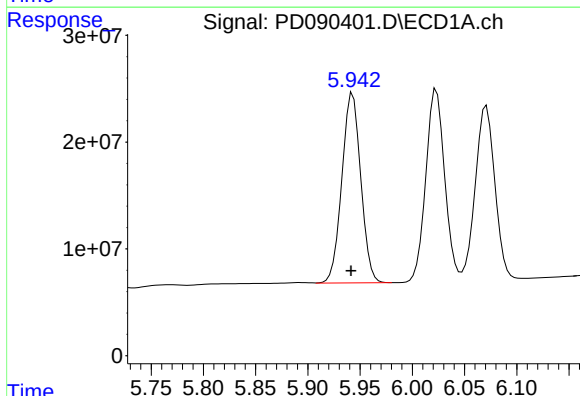
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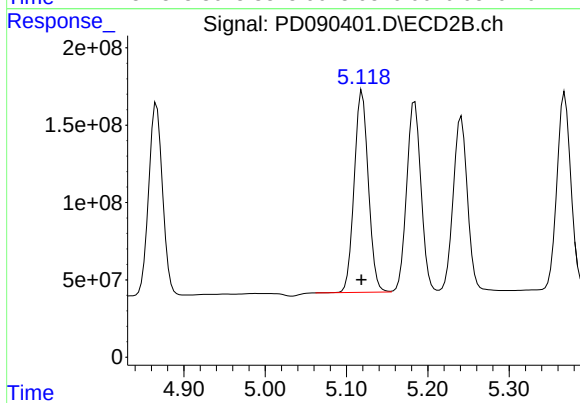
#9 Endosulfan I

R.T.: 5.241 min
Delta R.T.: 0.001 min
Response: 1378395140
Conc: 39.83 ng/ml



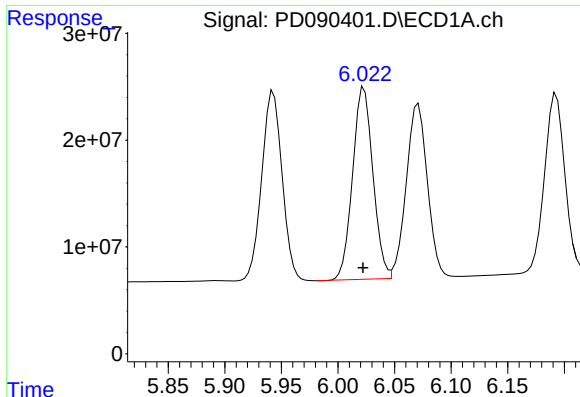
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.001 min
Response: 223560841
Conc: 39.14 ng/ml



#10 gamma-Chlordane

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 1571041523
Conc: 39.99 ng/ml



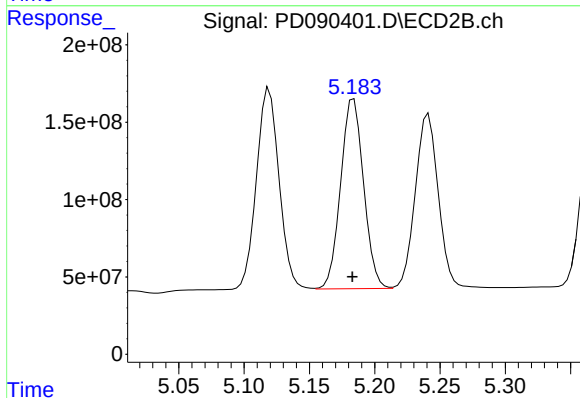
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: 0.000 min
Response: 224683855
Conc: 39.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB169830BSD

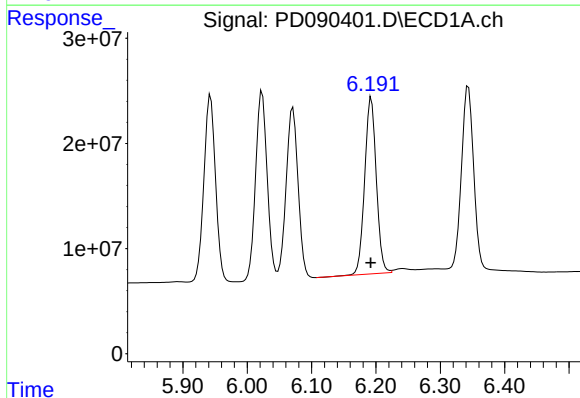
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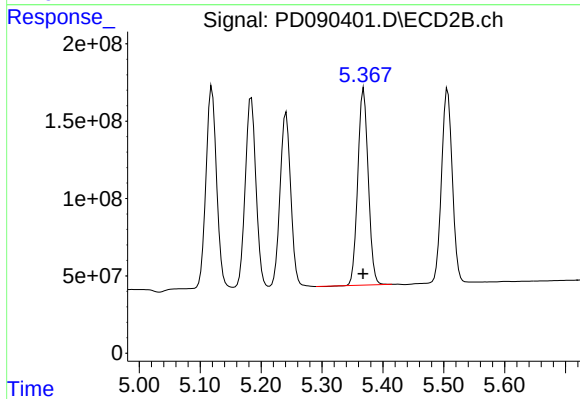
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: 0.001 min
Response: 1501714816
Conc: 39.87 ng/ml



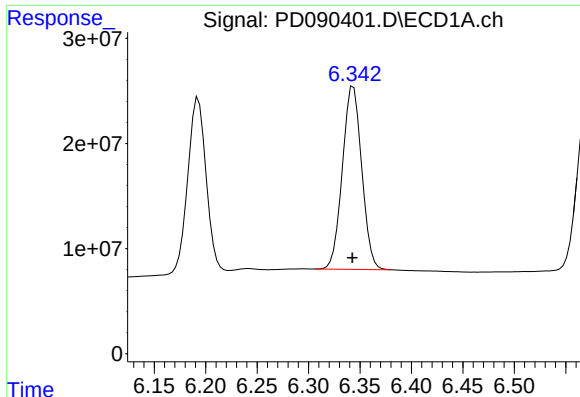
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.001 min
Response: 210317010
Conc: 40.39 ng/ml



#12 4,4'-DDE

R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 1515809117
Conc: 39.60 ng/ml



#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 227849204
Conc: 39.52 ng/ml

Instrument :

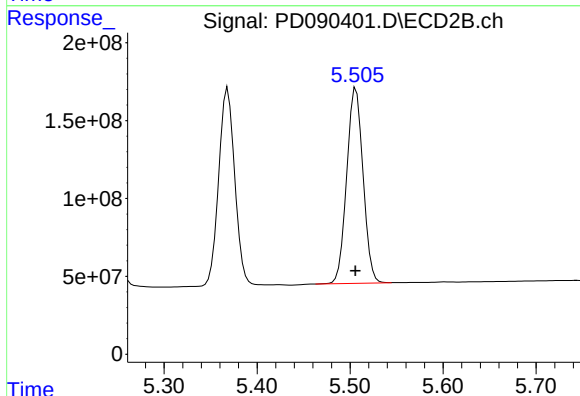
ECD_D

ClientSampleId :

PB169830BSD

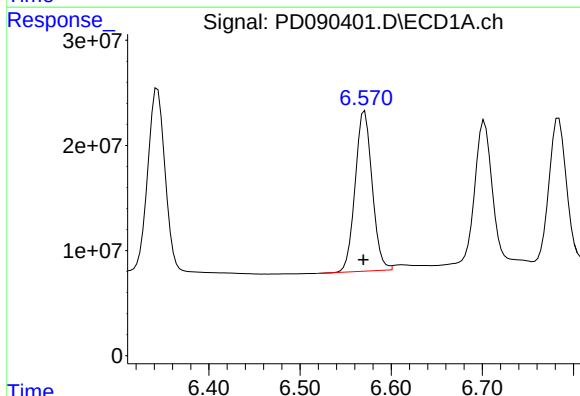
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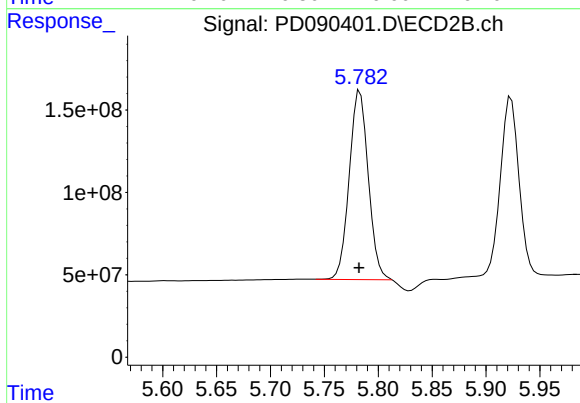
#13 Dieldrin

R.T.: 5.506 min
Delta R.T.: 0.000 min
Response: 1532912987
Conc: 39.36 ng/ml



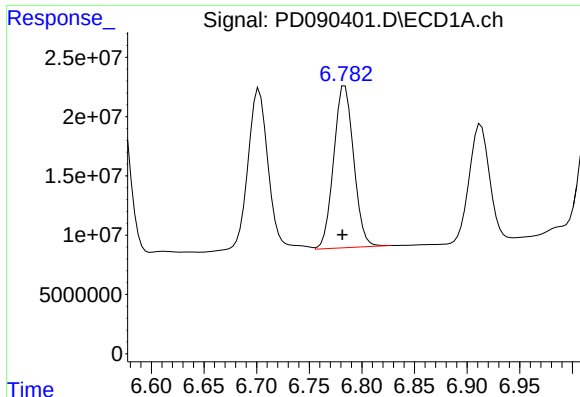
#14 Endrin

R.T.: 6.571 min
Delta R.T.: 0.002 min
Response: 196735380
Conc: 40.20 ng/ml



#14 Endrin

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 1413531174
Conc: 39.45 ng/ml m



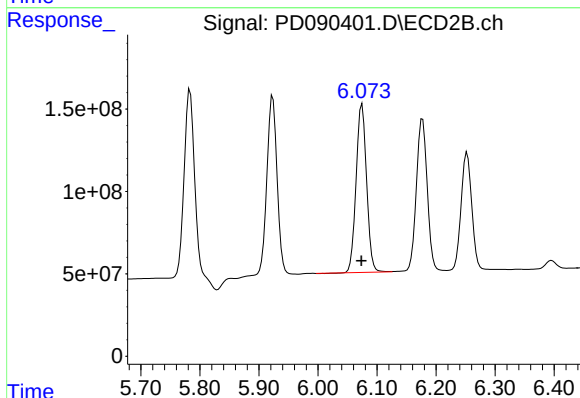
#15 Endosulfan II

R.T.: 6.784 min
Delta R.T.: 0.002 min
Response: 180323513
Conc: 36.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB169830BSD

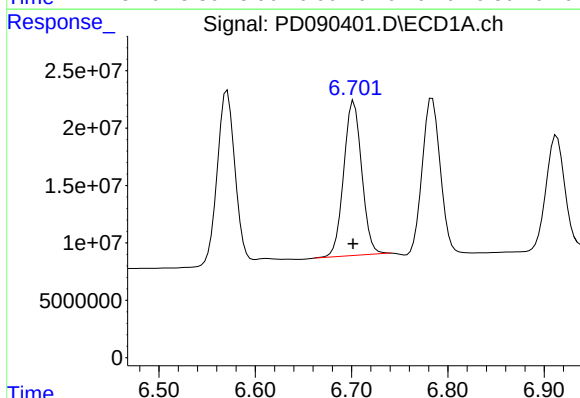
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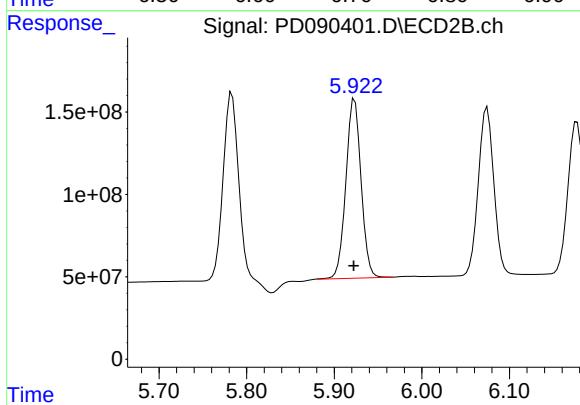
#15 Endosulfan II

R.T.: 6.075 min
Delta R.T.: 0.001 min
Response: 1259302316
Conc: 37.31 ng/ml



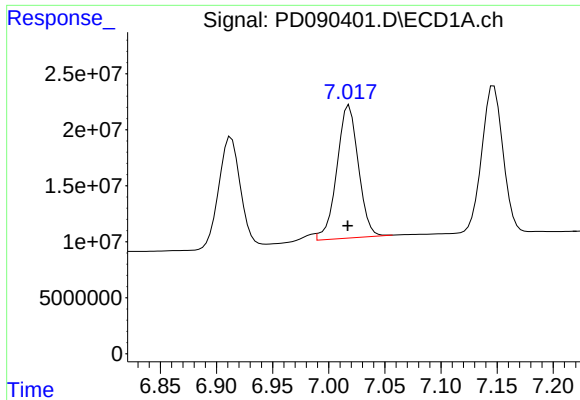
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 174026359
Conc: 42.47 ng/ml m



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 1311873181
Conc: 40.46 ng/ml



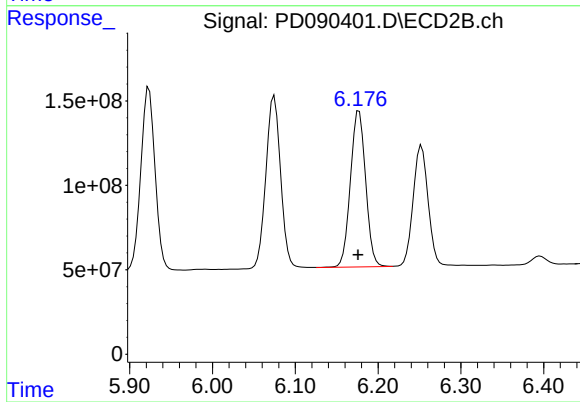
#17 4,4'-DDT

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 157549676
Conc: 35.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB169830BSD

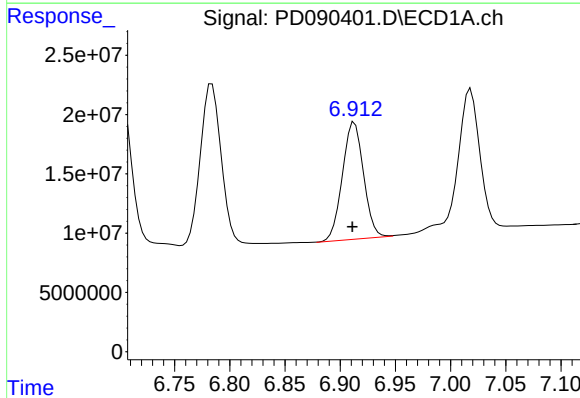
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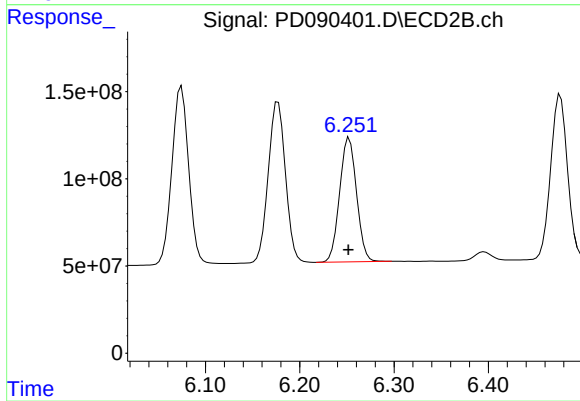
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.001 min
Response: 1179938655
Conc: 34.32 ng/ml



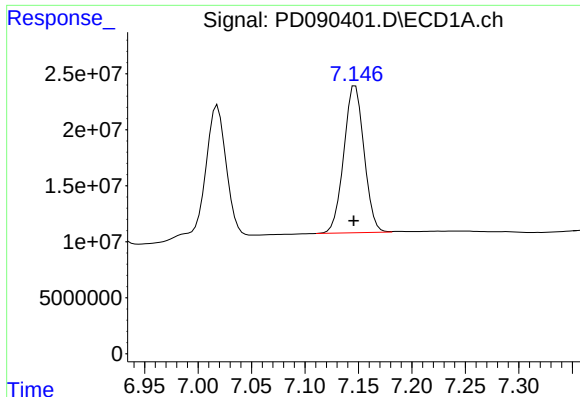
#18 Endrin aldehyde

R.T.: 6.912 min
Delta R.T.: 0.000 min
Response: 132120743
Conc: 38.51 ng/ml m



#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 890551722
Conc: 37.82 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.147 min
Delta R.T.: 0.002 min
Response: 172807629
Conc: 37.56 ng/ml

Instrument :

ECD_D

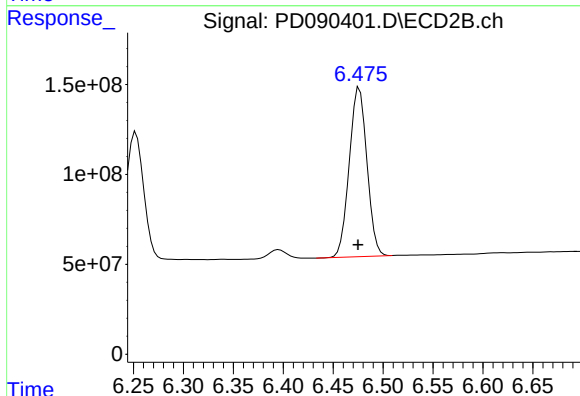
ClientSampleId :

PB169830BSD

Manual Integrations

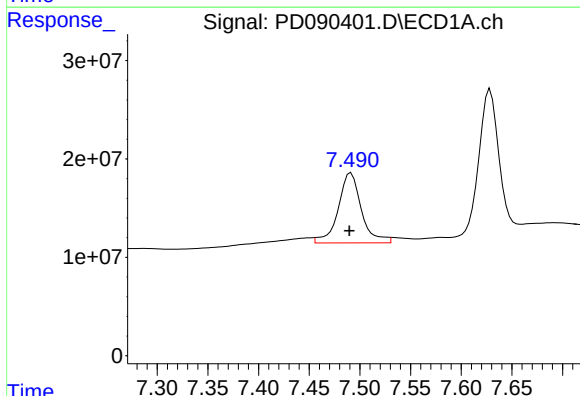
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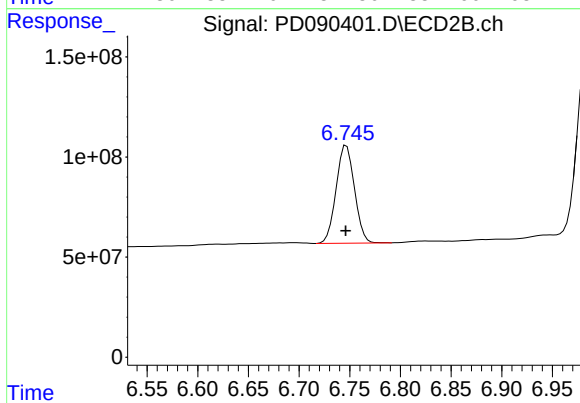
#19 Endosulfan Sulfate

R.T.: 6.476 min
Delta R.T.: 0.001 min
Response: 1159243035
Conc: 35.46 ng/ml



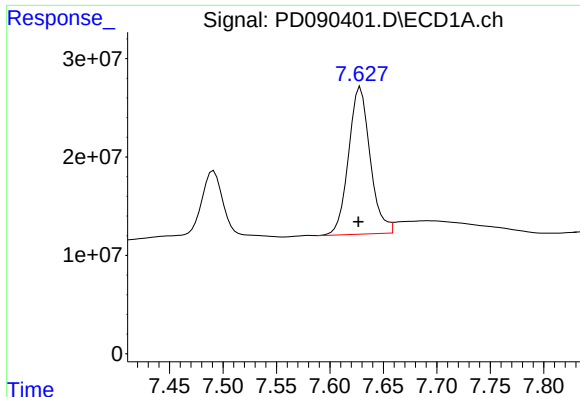
#20 Methoxychlor

R.T.: 7.490 min
Delta R.T.: 0.000 min
Response: 112270362
Conc: 47.64 ng/ml m



#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 616135990
Conc: 35.41 ng/ml



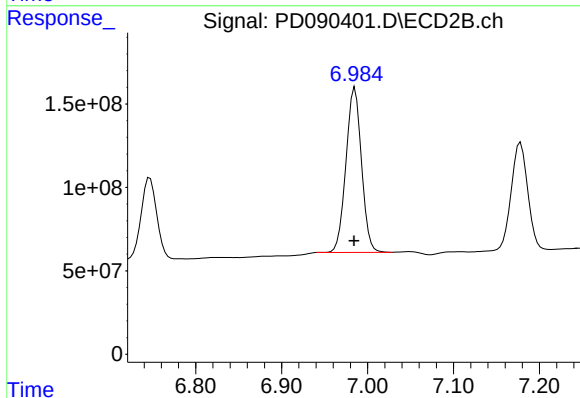
#21 Endrin ketone

R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 212473105
Conc: 42.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB169830BSD

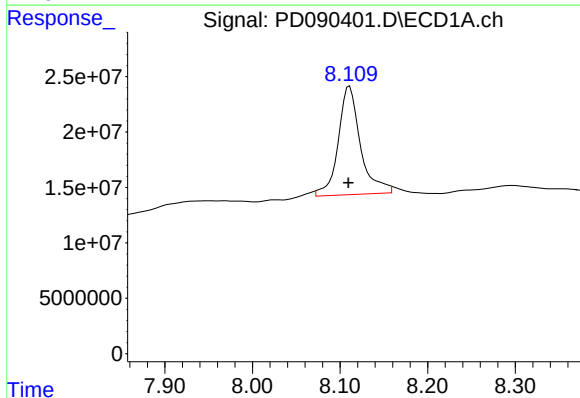
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/26/2025
Supervised By :Sohil Jodhani 09/26/2025



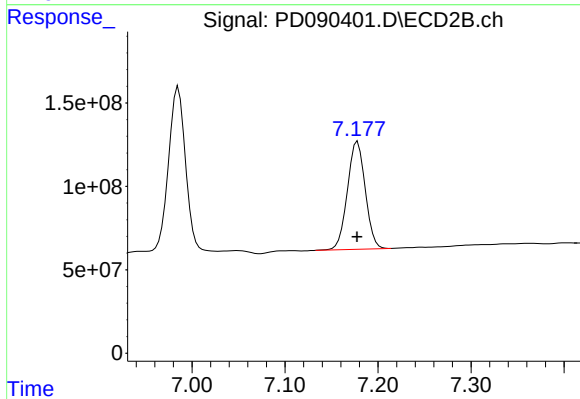
#21 Endrin ketone

R.T.: 6.985 min
Delta R.T.: 0.001 min
Response: 1244780576
Conc: 34.48 ng/ml



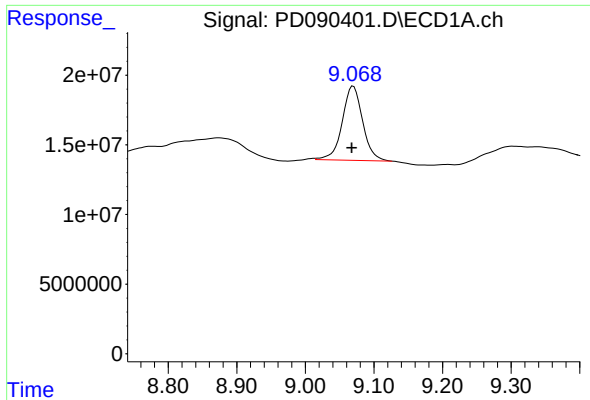
#22 Mirex

R.T.: 8.109 min
Delta R.T.: 0.000 min
Response: 173073048
Conc: 46.72 ng/ml m



#22 Mirex

R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 862498725
Conc: 31.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: 0.000 min
Response: 110062555
Conc: 22.81 ng/ml

Instrument :

ECD_D

ClientSampleId :

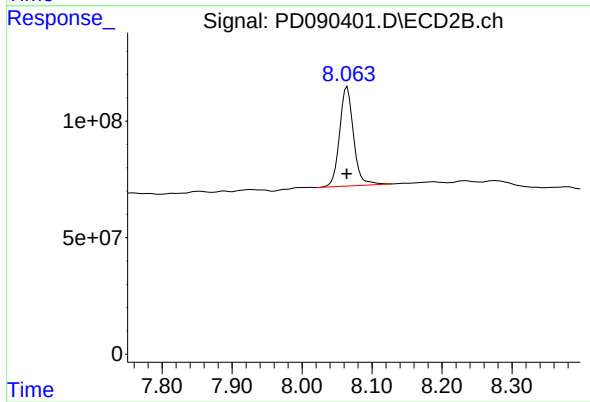
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#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 586916254
Conc: 18.11 ng/ml