

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
 Data File : PD091111.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Nov 2025 15:53
 Operator : AR\AJ
 Sample : Q3597-01MSD
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-1MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/13/2025
 Supervised By :Sohil Jodhani 11/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 21:26:01 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...	3.543	2.874	55989760	626.7E6	17.979m	21.047
28)	SA Decachlor...	9.066	8.060	86881503	656.1E6	18.573	21.658
Target Compounds							
2)	A alpha-BHC	3.993	3.385	330.5E6	2537.9E6	46.042	49.669
3)	MA gamma-BHC...	4.324	3.722	310.6E6	2328.5E6	45.680	49.282
4)	MA Heptachlor	4.922	4.074	307.5E6	2265.1E6	55.017	50.783
5)	MB Aldrin	5.263	4.359	301.1E6	2256.4E6	45.987	48.715
6)	B beta-BHC	4.512	4.018	124.1E6	969.0E6	47.357	48.865
7)	B delta-BHC	4.760	4.254	313.2E6	2350.0E6	46.319	49.249
8)	B Heptachlo...	5.684	4.863	264.6E6	2084.8E6	45.711	48.895
9)	A Endosulfan I	6.067	5.237	251.9E6	1955.3E6	45.506	49.638
10)	B gamma-Chl...	5.939	5.115	267.0E6	2212.4E6	45.020	49.221
11)	B alpha-Chl...	6.020	5.180	268.6E6	2128.0E6	43.467	49.329
12)	B 4,4'-DDE	6.190	5.364	241.1E6	2169.7E6	45.271	49.494
13)	MA Dieldrin	6.341	5.502	269.2E6	2207.2E6	46.166	49.956
14)	MA Endrin	6.568	5.779	218.9E6	1961.8E6	44.197	48.447
15)	B Endosulfa...	6.781	6.071	223.5E6	1894.5E6	44.707	50.445
16)	A 4,4'-DDD	6.700	5.919	197.2E6	1815.4E6	48.642	49.823
17)	MA 4,4'-DDT	7.016	6.173	186.9E6	1750.5E6	45.462	49.909
18)	B Endrin al...	6.910	6.249	166.9E6	1400.0E6	45.566	50.556
19)	B Endosulfa...	7.145	6.473	206.8E6	1802.3E6	44.577	50.282
20)	A Methoxychlor	7.489	6.744	96276225	885.1E6	45.294	50.788
21)	B Endrin ke...	7.625	6.982	227.2E6	2005.7E6	46.760	53.177
22)	Mirex	8.108	7.174	139.0E6	1286.3E6	43.415	50.070

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091111.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 15:53
Operator : AR\AJ
Sample : Q3597-01MSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

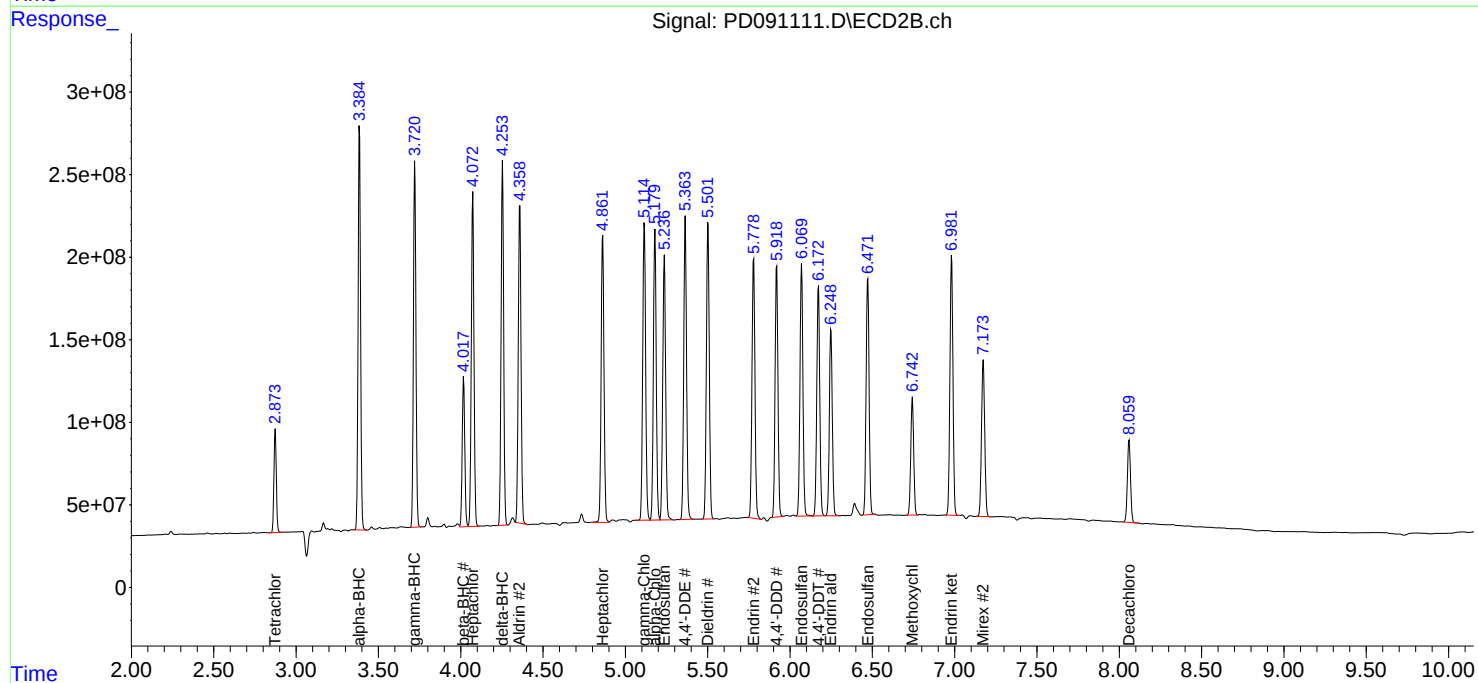
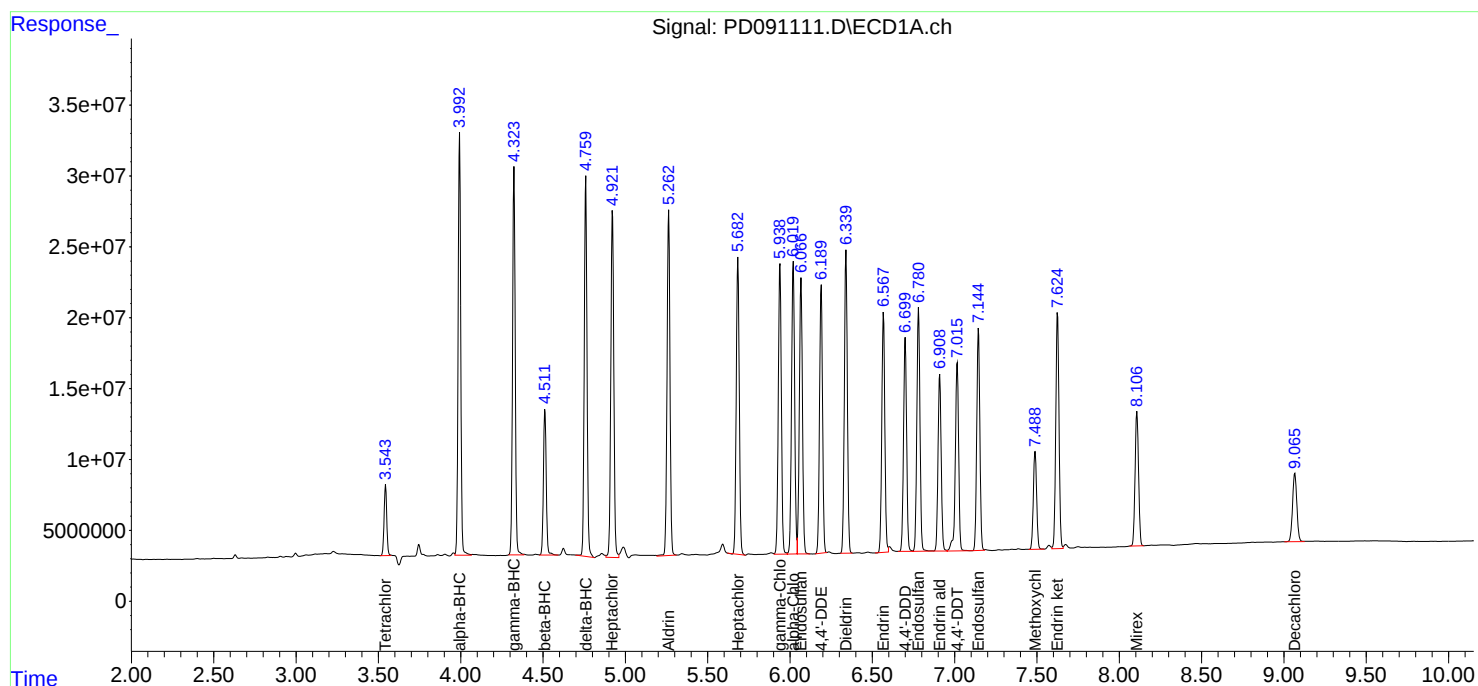
Instrument :
ECD_D
ClientSampleId :
TP-1MSD

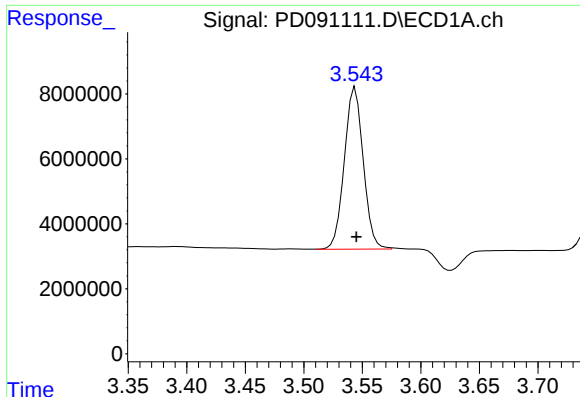
Manual Integrations
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Supervised By :Sohil Jodhani 11/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 21:26:01 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





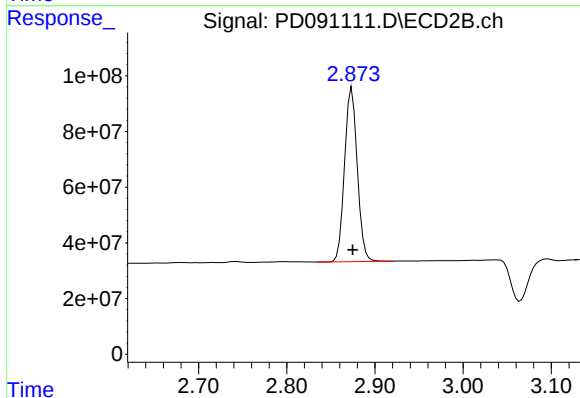
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 55989760
Conc: 17.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

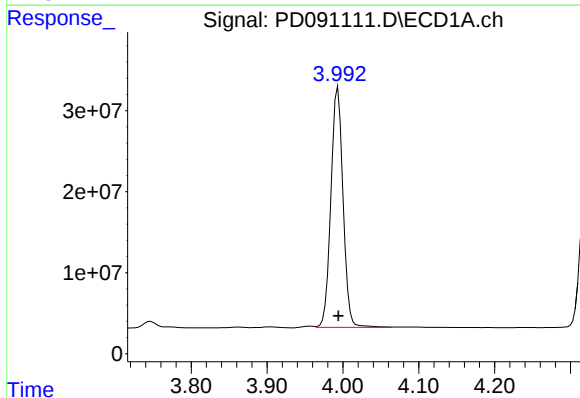
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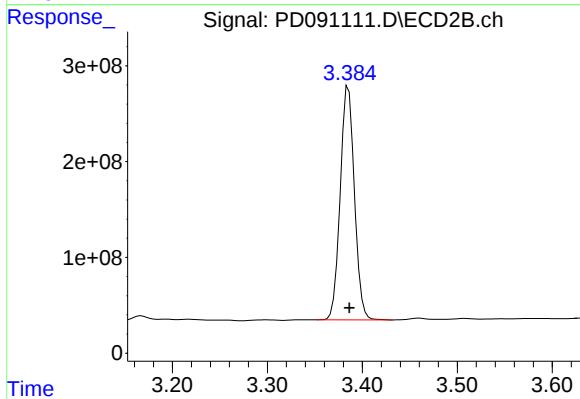
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 626725454
Conc: 21.05 ng/ml



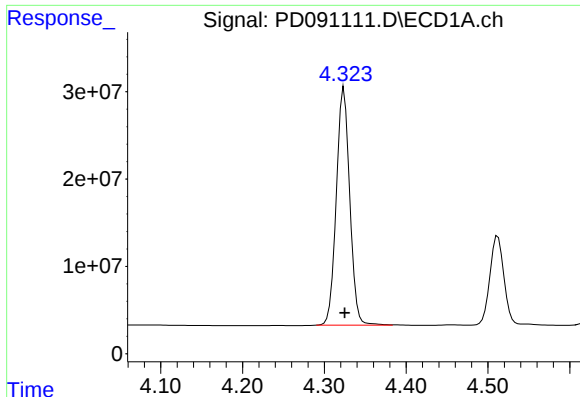
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 330452259
Conc: 46.04 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.001 min
Response: 2537900446
Conc: 49.67 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 310570027
Conc: 45.68 ng/ml

Instrument :

ECD_D

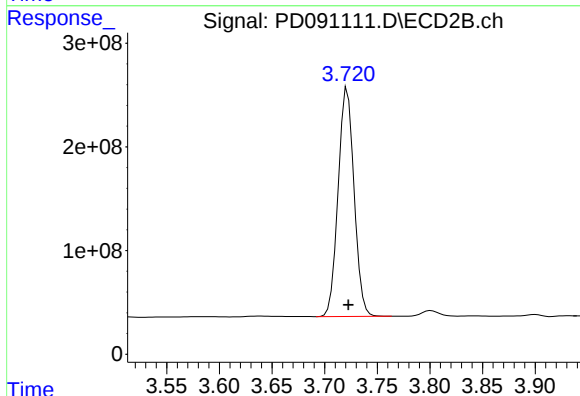
ClientSampleId :

TP-1MSD

Manual Integrations

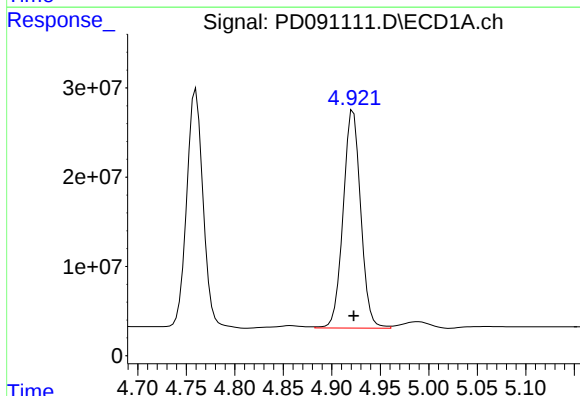
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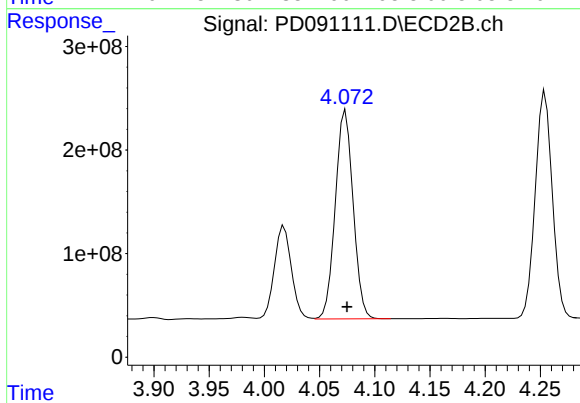
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: -0.001 min
Response: 2328516292
Conc: 49.28 ng/ml



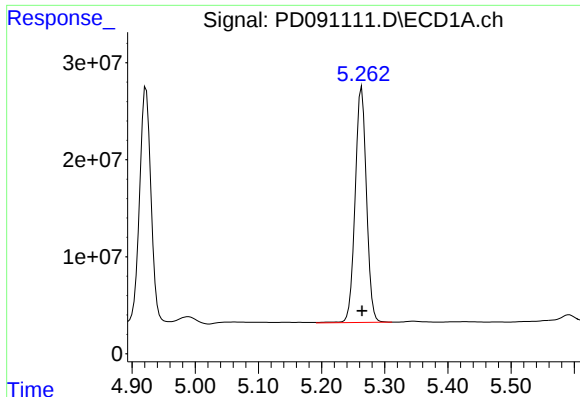
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 307520195
Conc: 55.02 ng/ml



#4 Heptachlor

R.T.: 4.074 min
Delta R.T.: -0.001 min
Response: 2265082609
Conc: 50.78 ng/ml



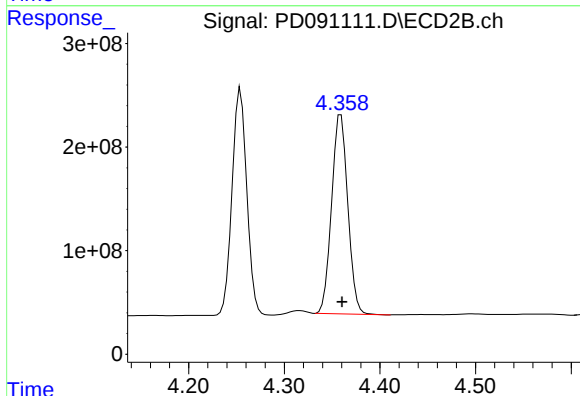
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 301091127
Conc: 45.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

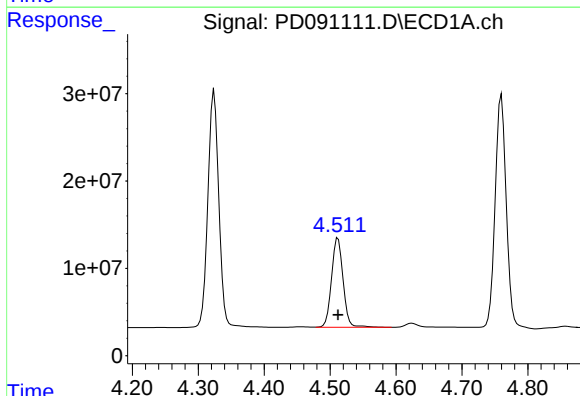
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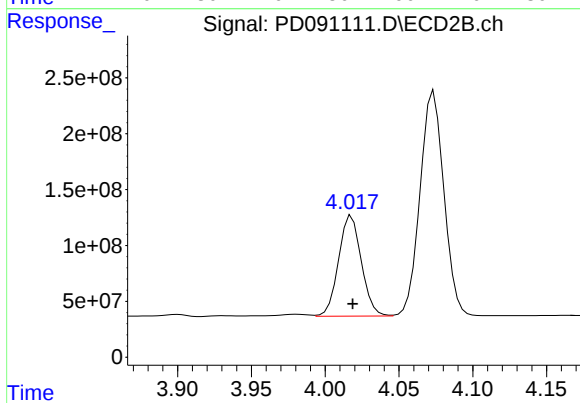
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.001 min
Response: 2256412741
Conc: 48.71 ng/ml



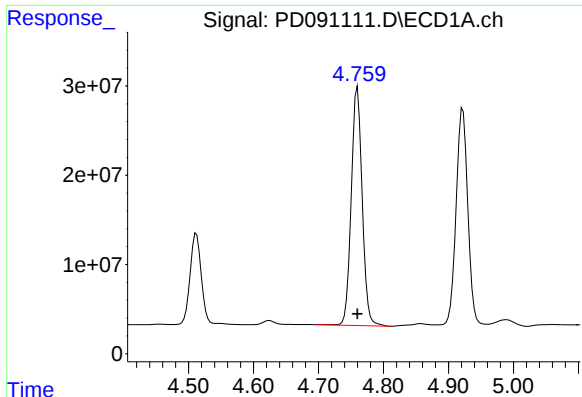
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 124057237
Conc: 47.36 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 968980576
Conc: 48.87 ng/ml



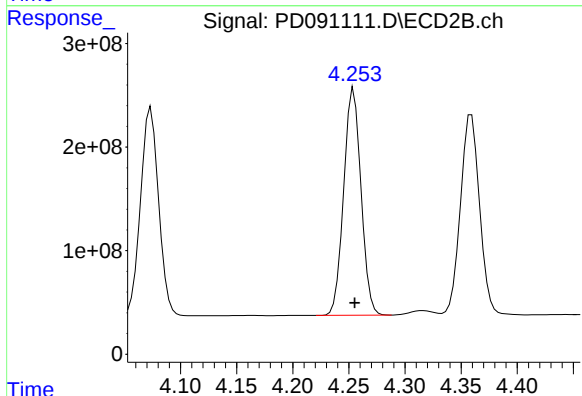
#7 delta-BHC

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 313193013
Conc: 46.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

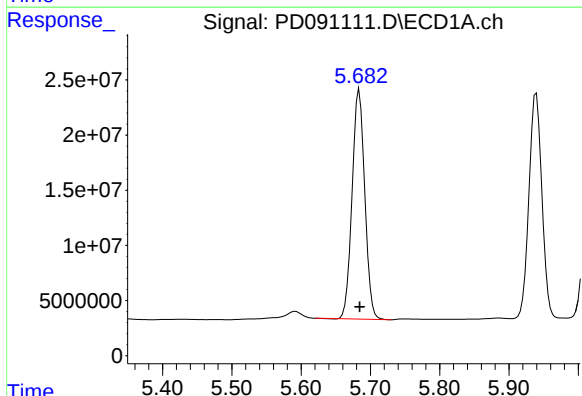
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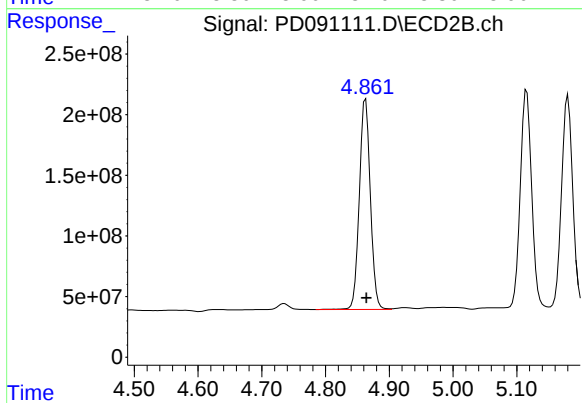
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: 0.000 min
Response: 2349988005
Conc: 49.25 ng/ml



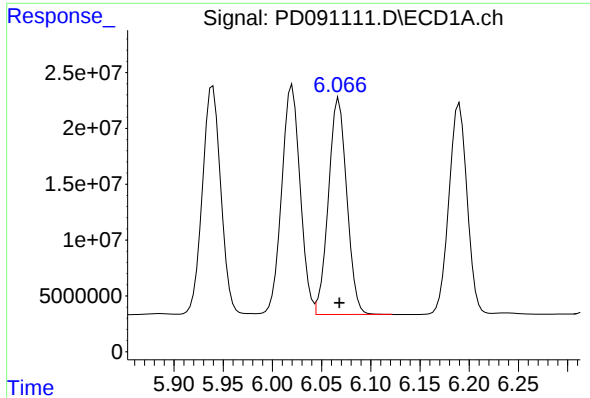
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 264621651
Conc: 45.71 ng/ml



#8 Heptachlor epoxide

R.T.: 4.863 min
Delta R.T.: -0.001 min
Response: 2084813780
Conc: 48.89 ng/ml



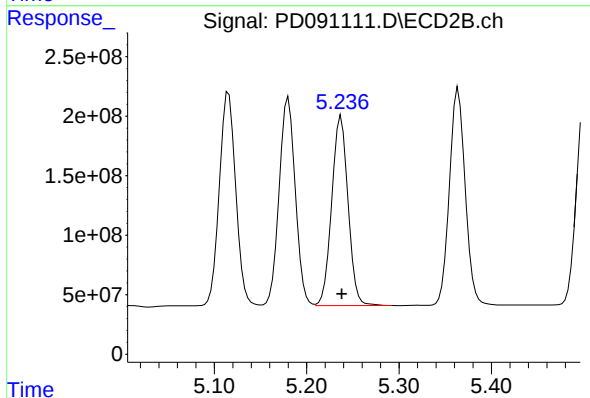
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 251948614
Conc: 45.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

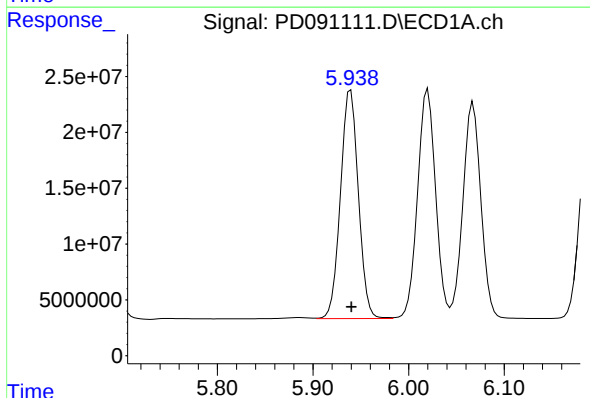
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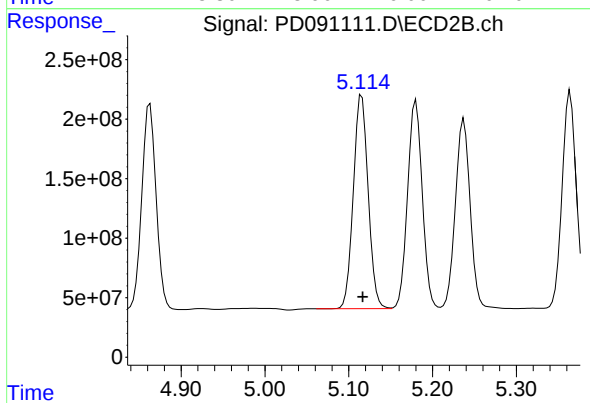
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: 0.000 min
Response: 1955252521
Conc: 49.64 ng/ml



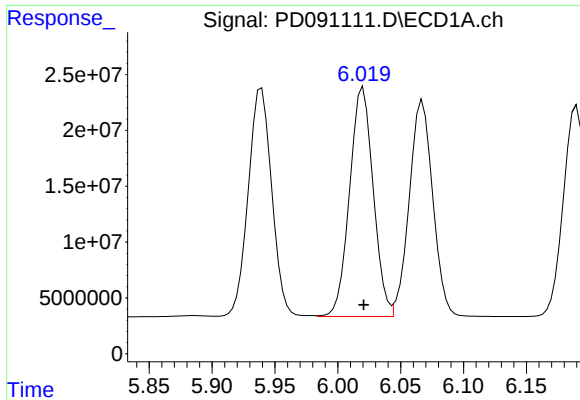
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 267019452
Conc: 45.02 ng/ml



#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.001 min
Response: 2212410062
Conc: 49.22 ng/ml



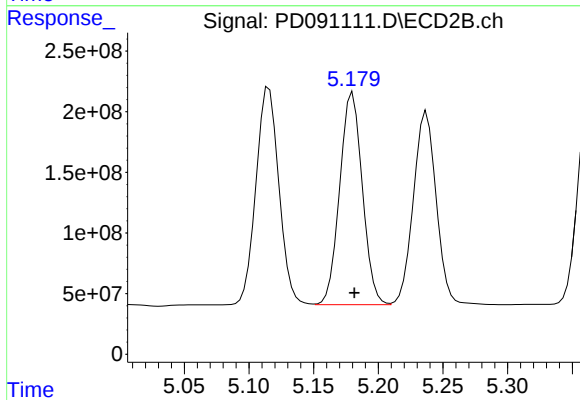
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 268634122
Conc: 43.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

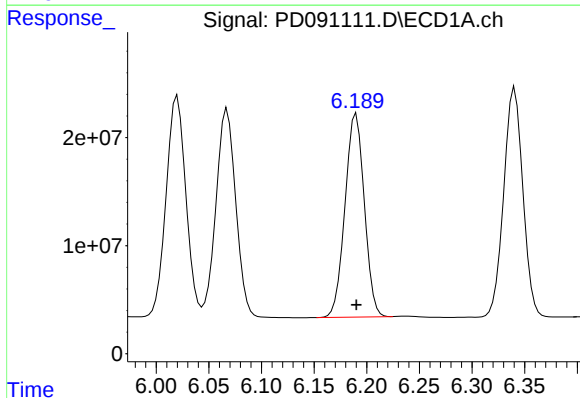
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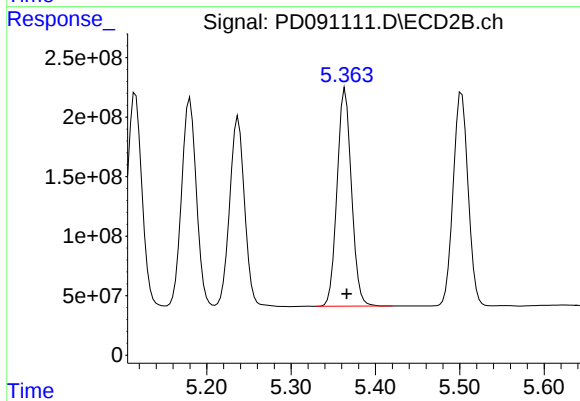
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.001 min
Response: 2127961732
Conc: 49.33 ng/ml



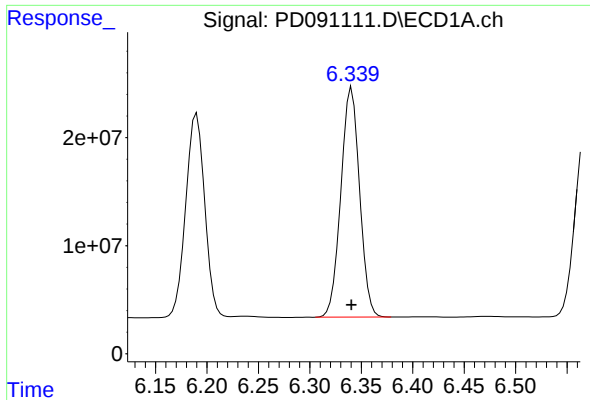
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 241144144
Conc: 45.27 ng/ml



#12 4,4'-DDE

R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 2169717199
Conc: 49.49 ng/ml



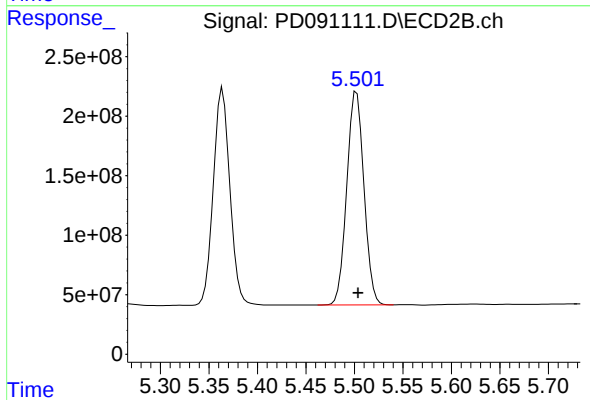
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 269212762
Conc: 46.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

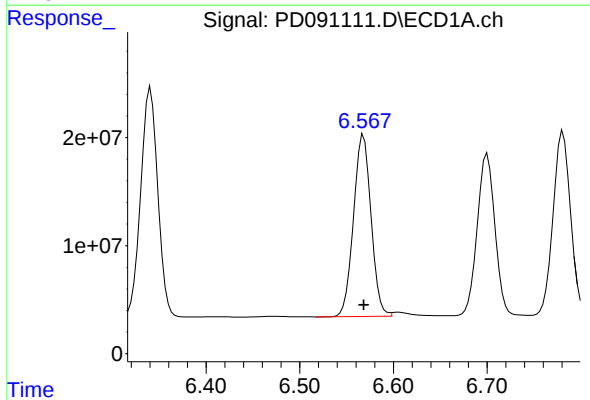
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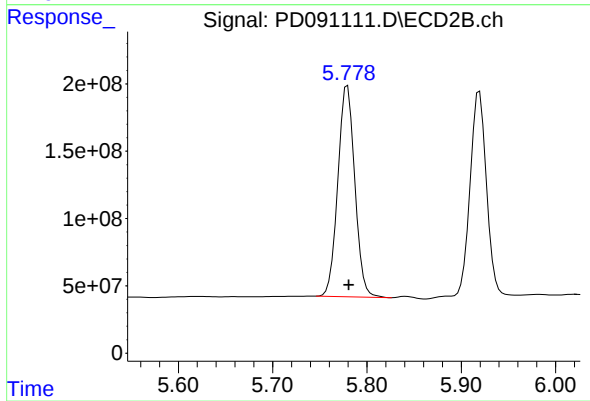
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 2207234565
Conc: 49.96 ng/ml



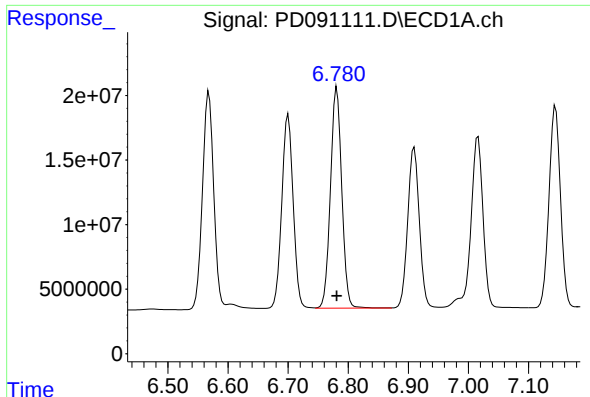
#14 Endrin

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 218941178
Conc: 44.20 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 1961800956
Conc: 48.45 ng/ml



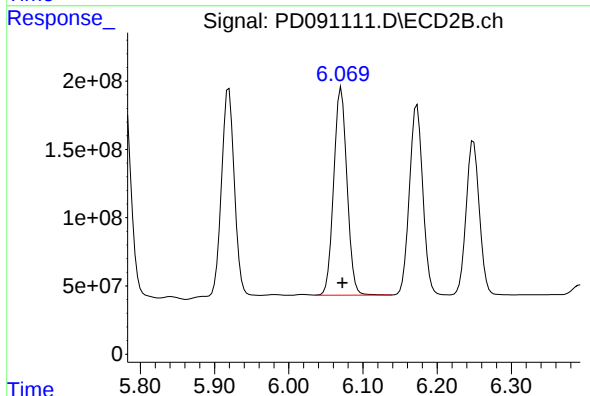
#15 Endosulfan II

R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 223531840
Conc: 44.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

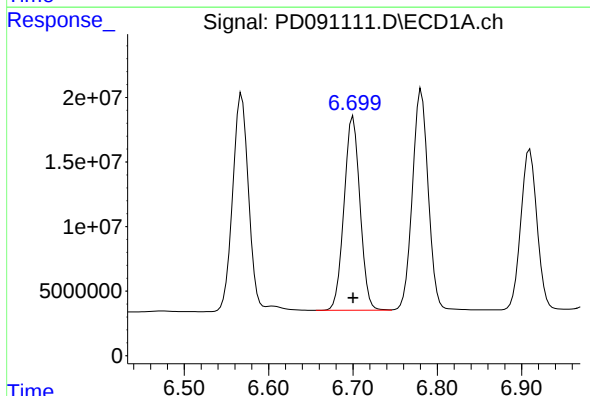
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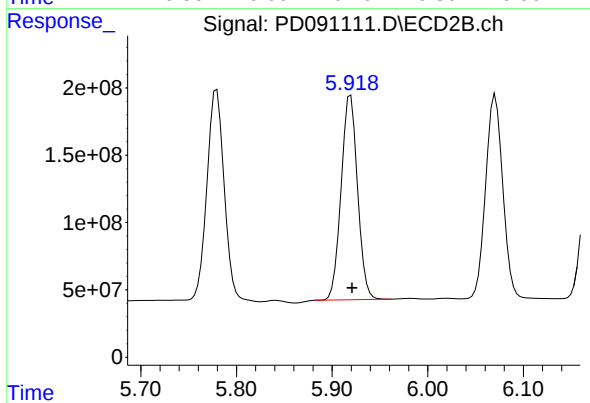
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.001 min
Response: 1894499861
Conc: 50.45 ng/ml



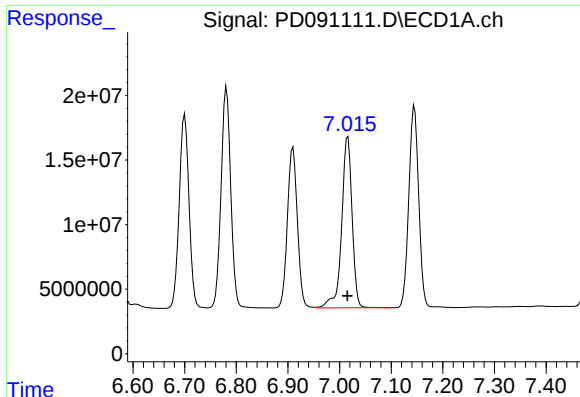
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 197203211
Conc: 48.64 ng/ml



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.001 min
Response: 1815448764
Conc: 49.82 ng/ml



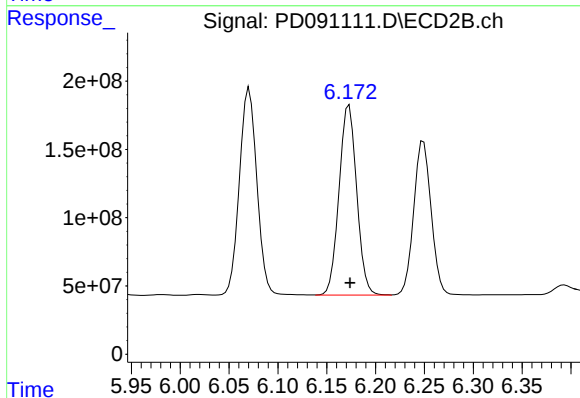
#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 186871035
Conc: 45.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

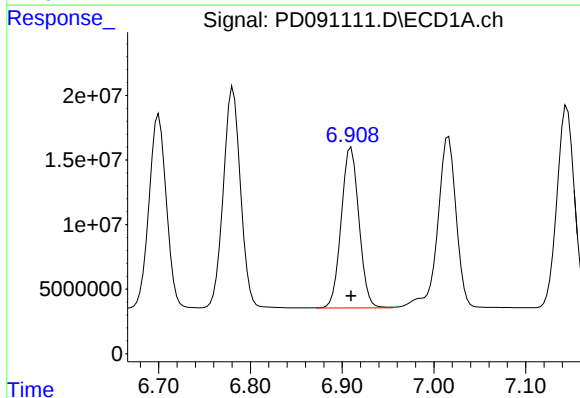
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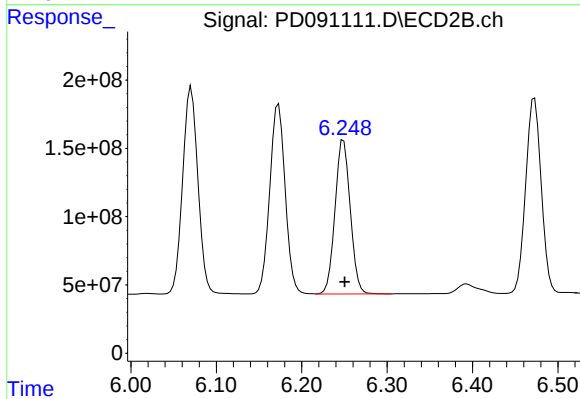
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 1750464604
Conc: 49.91 ng/ml



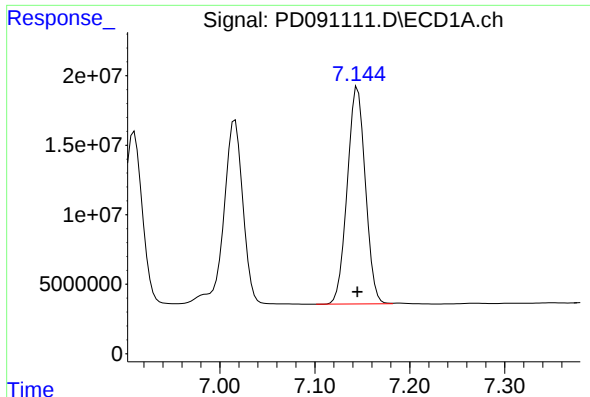
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 166895045
Conc: 45.57 ng/ml



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.001 min
Response: 1400033656
Conc: 50.56 ng/ml



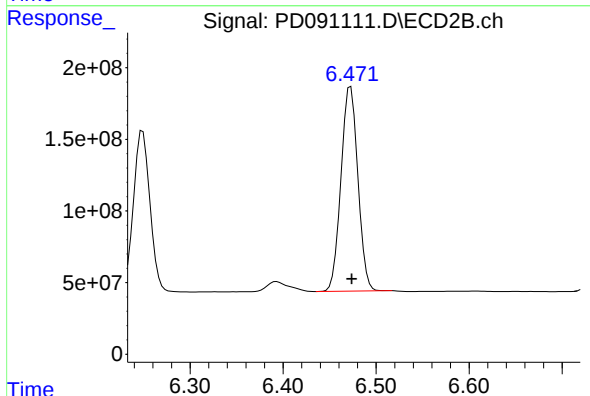
#19 Endosulfan Sulfate

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 206755050
Conc: 44.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

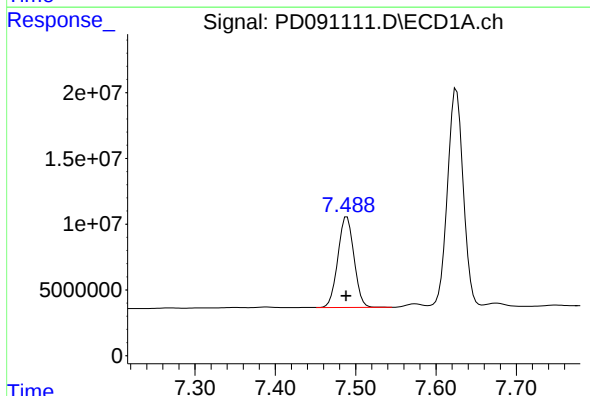
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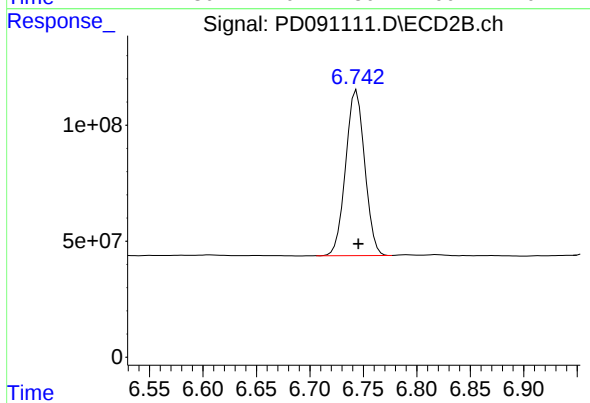
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: -0.001 min
Response: 1802349178
Conc: 50.28 ng/ml



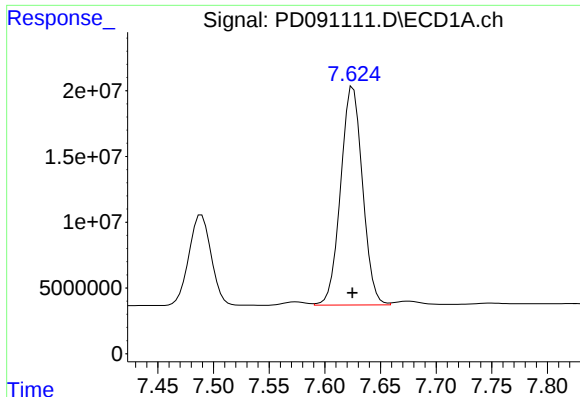
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 96276225
Conc: 45.29 ng/ml



#20 Methoxychlor

R.T.: 6.744 min
Delta R.T.: -0.002 min
Response: 885116673
Conc: 50.79 ng/ml



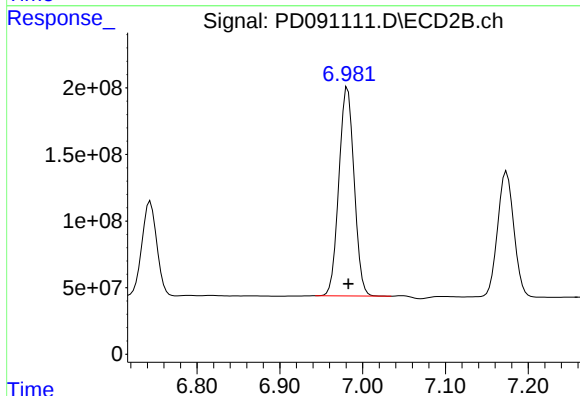
#21 Endrin ketone

R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 227199234
Conc: 46.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

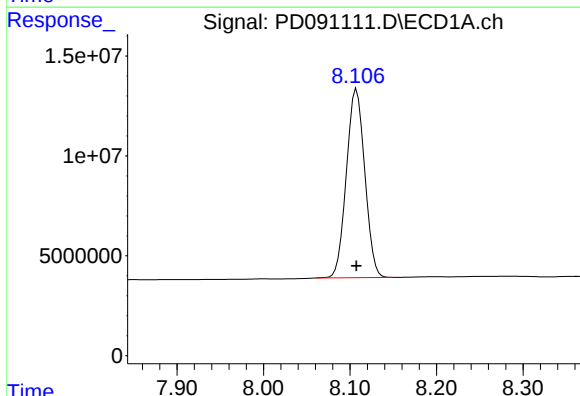
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025



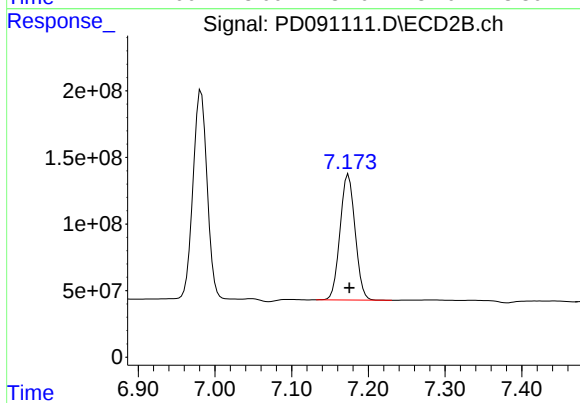
#21 Endrin ketone

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 2005730043
Conc: 53.18 ng/ml



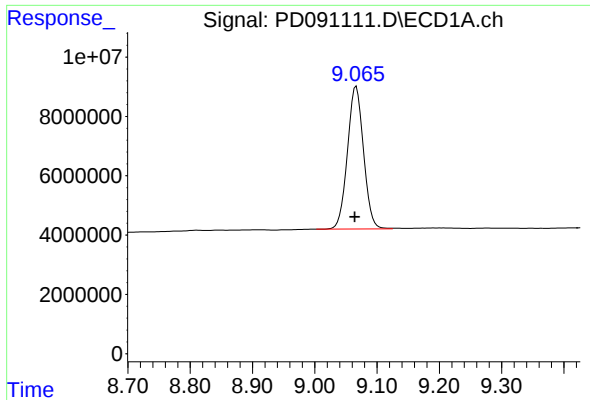
#22 Mirex

R.T.: 8.108 min
Delta R.T.: 0.000 min
Response: 138963499
Conc: 43.41 ng/ml



#22 Mirex

R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 1286338471
Conc: 50.07 ng/ml



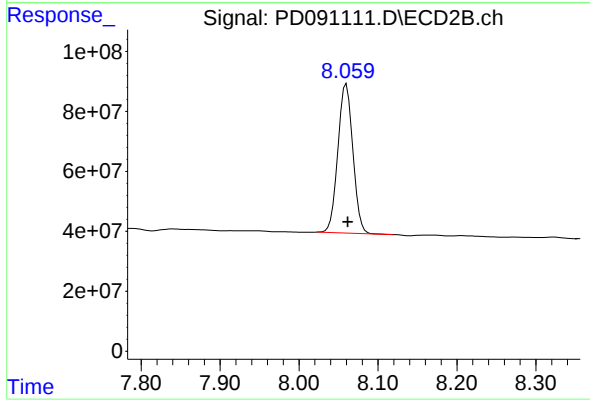
#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.002 min
Response: 86881503
Conc: 18.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 656052265
Conc: 21.66 ng/ml