

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052825\
 Data File : PD088759.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 May 2025 14:56
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/29/2025
 Supervised By : mohammad ahmed 05/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 28 15:16:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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 x 0.5 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...	3.550	2.881	48556963	362.3E6	22.441	23.951
28)	SA Decachlor...	9.071	8.072	72754625	339.9E6	21.259	18.618
Target Compounds							
2)	A alpha-BHC	3.999	3.393	270.0E6	1307.1E6	56.519	54.682
3)	MA gamma-BHC...	4.330	3.730	259.0E6	1214.2E6	56.276	54.776
4)	MA Heptachlor	4.929	4.083	246.8E6	1175.8E6	55.190	52.363
5)	MB Aldrin	5.270	4.369	244.3E6	1194.5E6	55.593	54.468
6)	B beta-BHC	4.515	4.025	97608025	530.5E6	54.132	54.453
7)	B delta-BHC	4.763	4.262	241.6E6	1148.8E6	57.159	51.529
8)	B Heptachlo...	5.690	4.872	216.5E6	1041.6E6	54.538	52.417
9)	A Endosulfan I	6.073	5.246	202.4E6	934.4E6	53.801	49.236
10)	B gamma-Chl...	5.945	5.125	215.9E6	1116.2E6	54.126	52.326
11)	B alpha-Chl...	6.026	5.190	215.0E6	1068.0E6	53.670	51.782
12)	B 4,4'-DDE	6.195	5.373	194.1E6	1071.3E6	54.080	51.251m
13)	MA Dieldrin	6.346	5.512	216.4E6	1075.5E6	53.932	51.107
14)	MA Endrin	6.574	5.789	186.7E6	979.7E6	54.659	50.803
15)	B Endosulfa...	6.785	6.080	180.9E6	898.4E6	52.542	49.033
16)	A 4,4'-DDD	6.704	5.929	151.5E6	872.3E6	54.406	50.153
17)	MA 4,4'-DDT	7.020	6.183	161.0E6	859.2E6	51.560	47.374
18)	B Endrin al...	6.914	6.258	134.5E6	664.5E6	52.259	47.706
19)	B Endosulfa...	7.149	6.482	163.4E6	834.8E6	51.002	47.014
20)	A Methoxychlor	7.492	6.753	79726637	438.9E6	47.725	45.842
21)	B Endrin ke...	7.629	6.991	178.4E6	885.4E6	52.118	45.762
22)	Mirex	8.113	7.184	123.8E6	657.5E6	47.634	43.251

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052825\
Data File : PD088759.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 May 2025 14:56
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

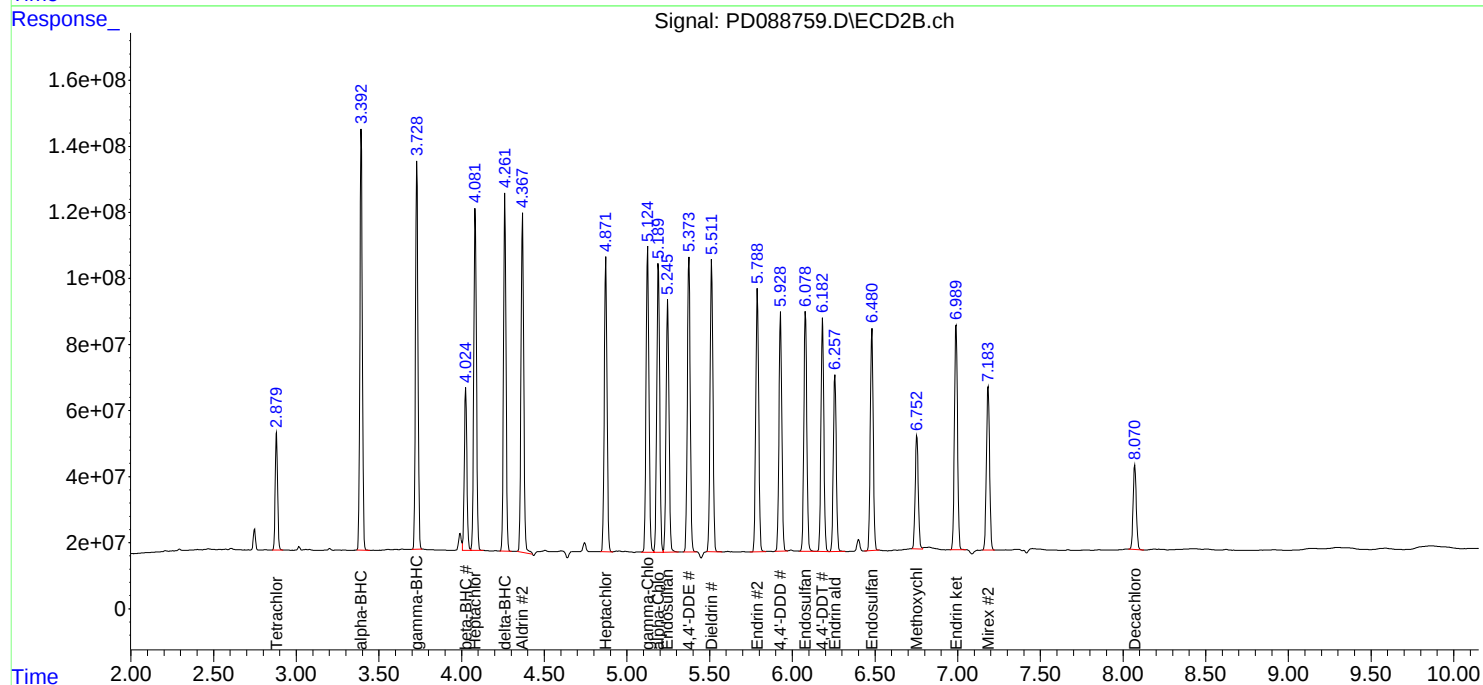
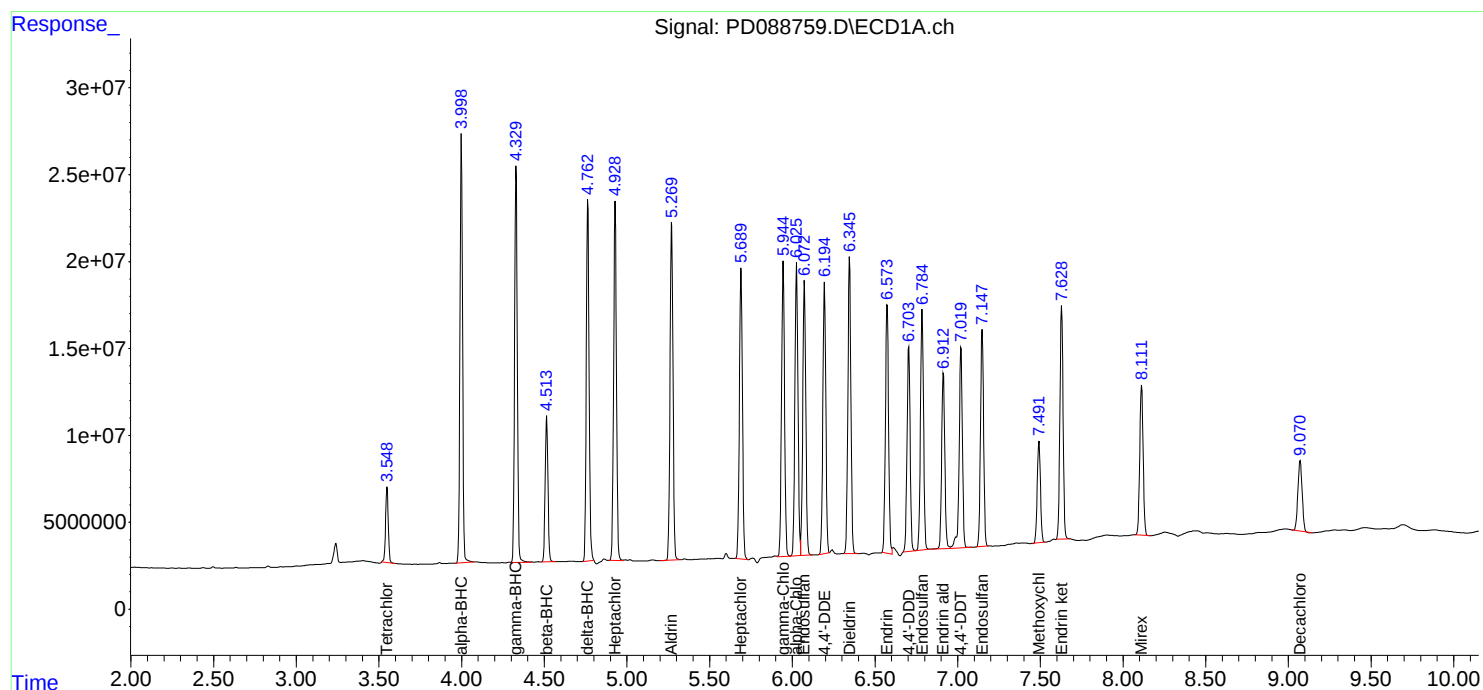
APPROVED

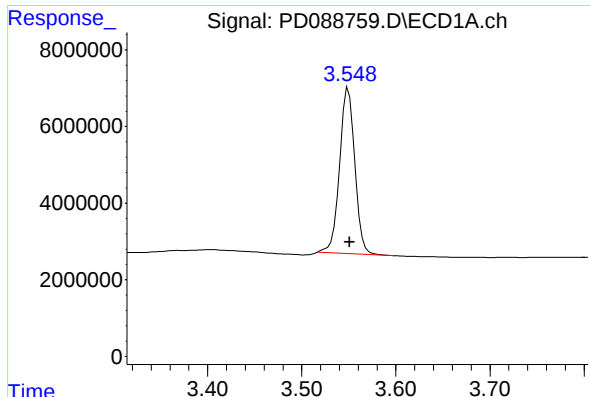
Reviewed By :Abdul Mirza 05/29/2025

Supervised By :mohammad ahmed 05/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 28 15:16:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





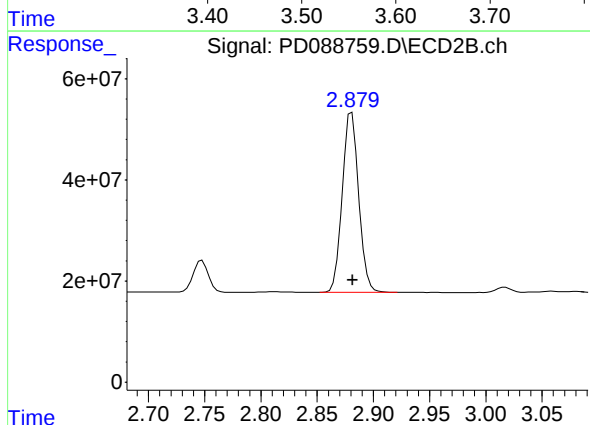
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: -0.001 min
Response: 48556963
Conc: 22.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

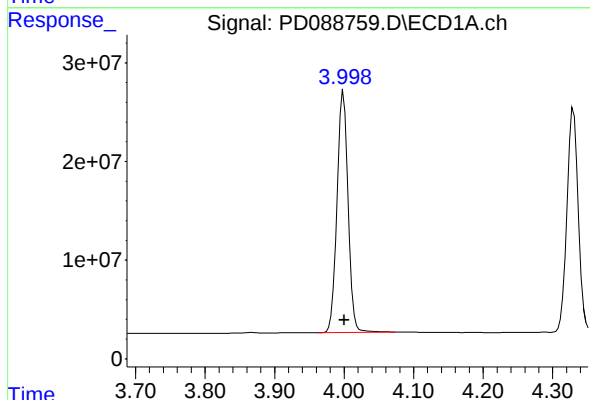
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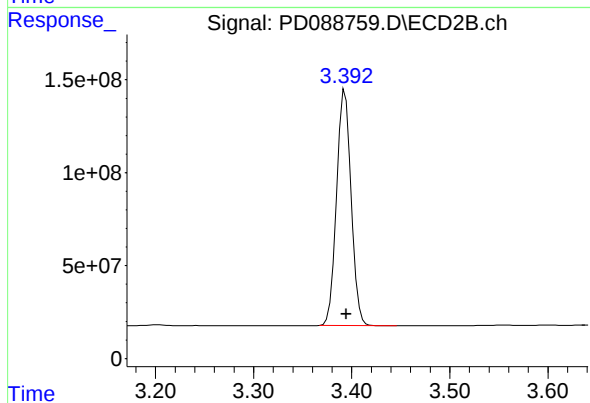
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 362310398
Conc: 23.95 ng/ml



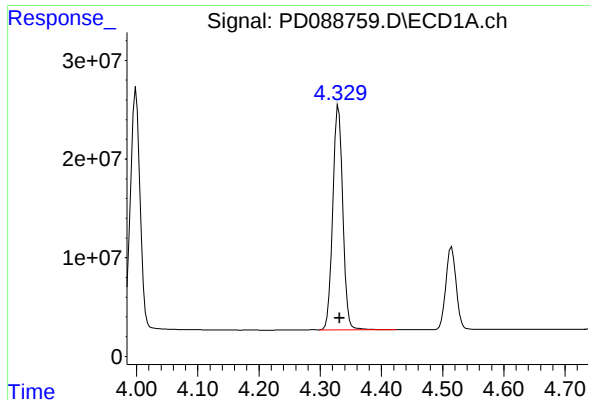
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: -0.001 min
Response: 269965172
Conc: 56.52 ng/ml



#2 alpha-BHC

R.T.: 3.393 min
Delta R.T.: -0.001 min
Response: 1307097695
Conc: 54.68 ng/ml



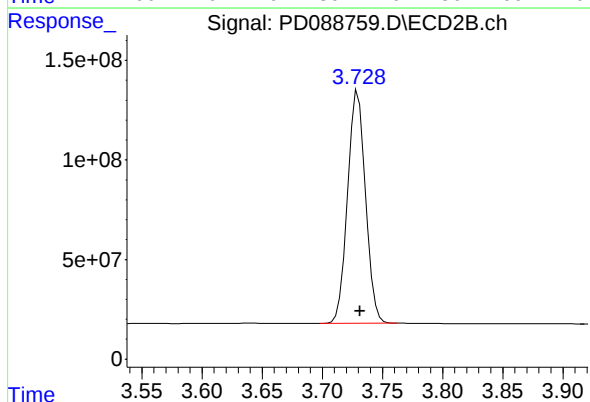
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: -0.002 min
Response: 259021807
Conc: 56.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

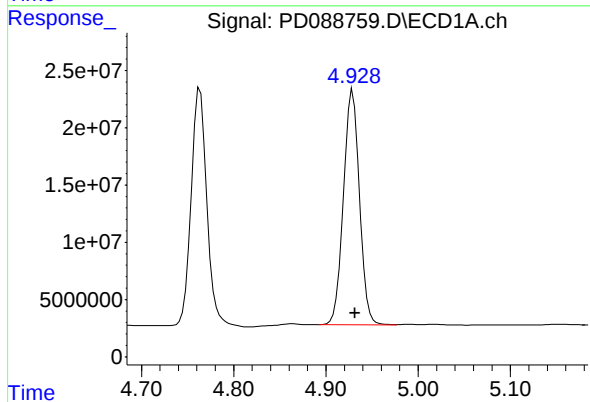
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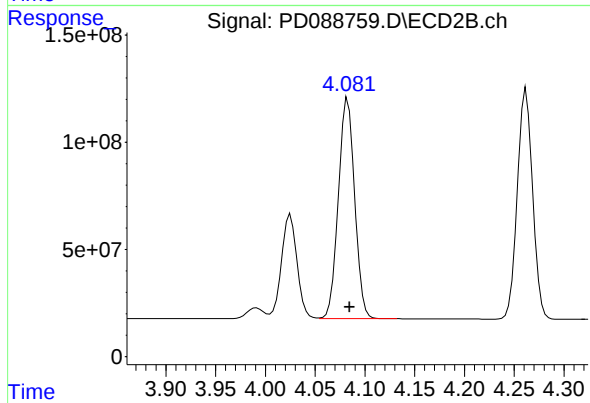
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: -0.002 min
Response: 1214156282
Conc: 54.78 ng/ml



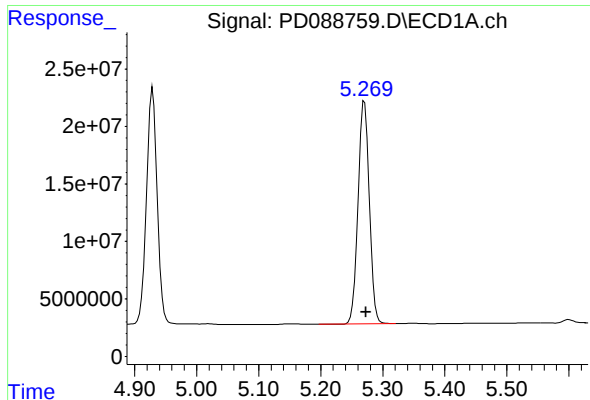
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: -0.003 min
Response: 246767082
Conc: 55.19 ng/ml



#4 Heptachlor

R.T.: 4.083 min
Delta R.T.: -0.002 min
Response: 1175808390
Conc: 52.36 ng/ml



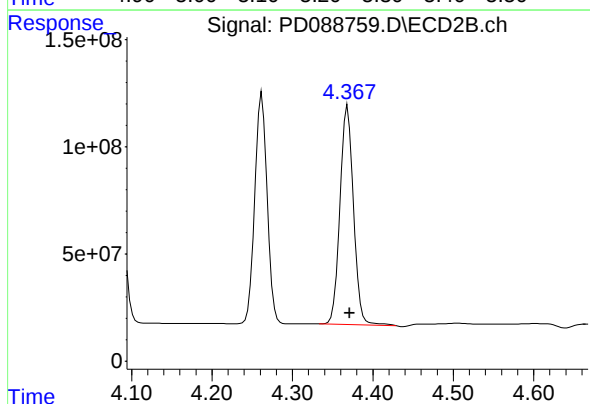
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: -0.003 min
Response: 244304038
Conc: 55.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

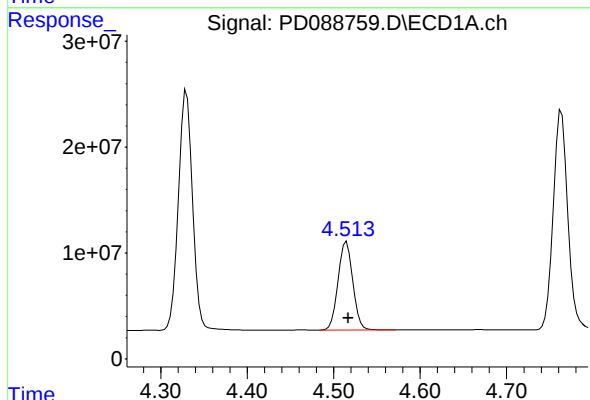
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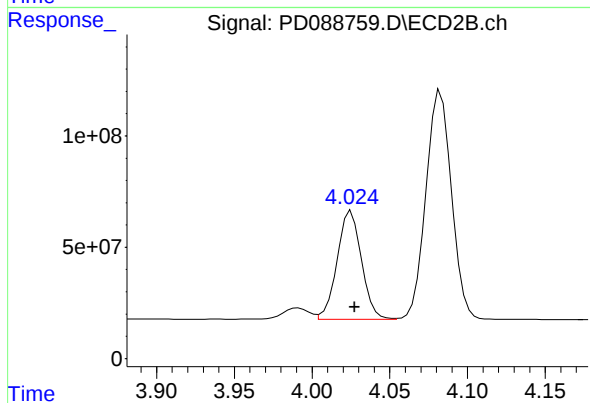
#5 Aldrin

R.T.: 4.369 min
Delta R.T.: -0.003 min
Response: 1194480504
Conc: 54.47 ng/ml



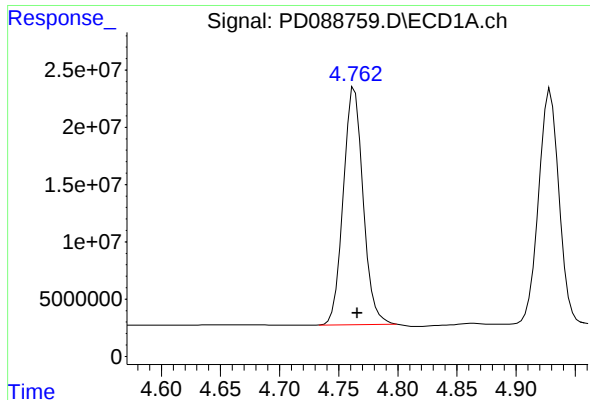
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: -0.002 min
Response: 97608025
Conc: 54.13 ng/ml



#6 beta-BHC

R.T.: 4.025 min
Delta R.T.: -0.002 min
Response: 530471601
Conc: 54.45 ng/ml



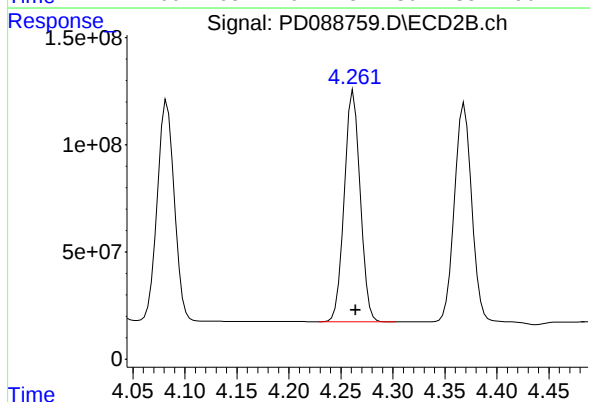
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: -0.002 min
Response: 241563545
Conc: 57.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

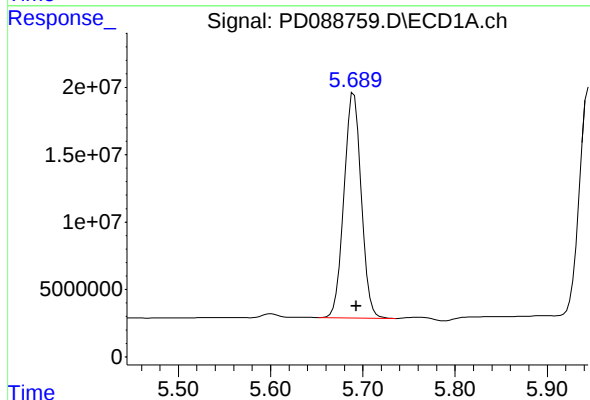
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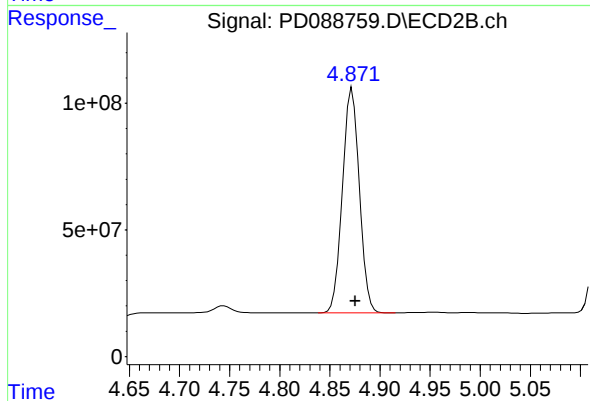
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: -0.002 min
Response: 1148798271
Conc: 51.53 ng/ml



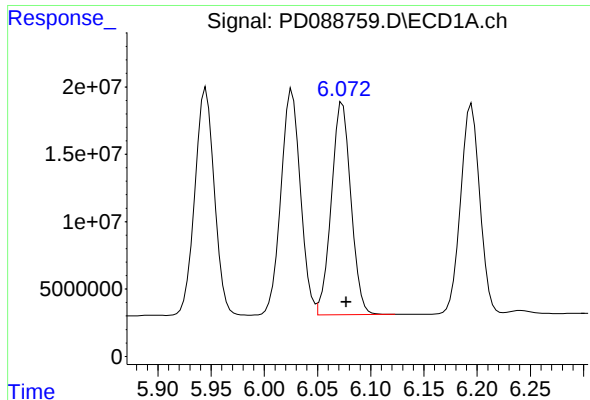
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.002 min
Response: 216475494
Conc: 54.54 ng/ml



#8 Heptachlor epoxide

R.T.: 4.872 min
Delta R.T.: -0.003 min
Response: 1041586256
Conc: 52.42 ng/ml



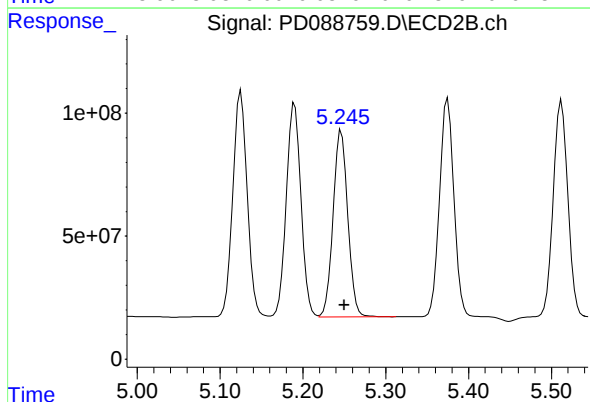
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: -0.004 min
Response: 202449725
Conc: 53.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

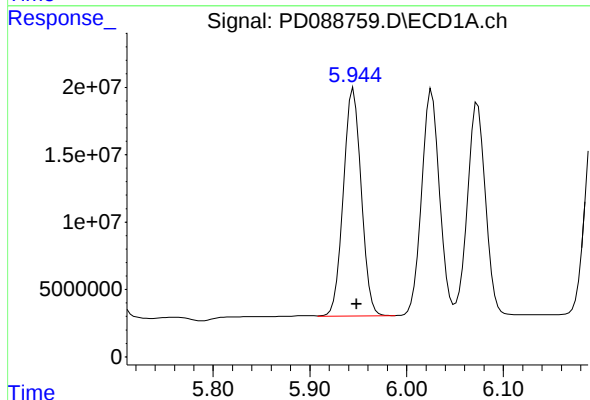
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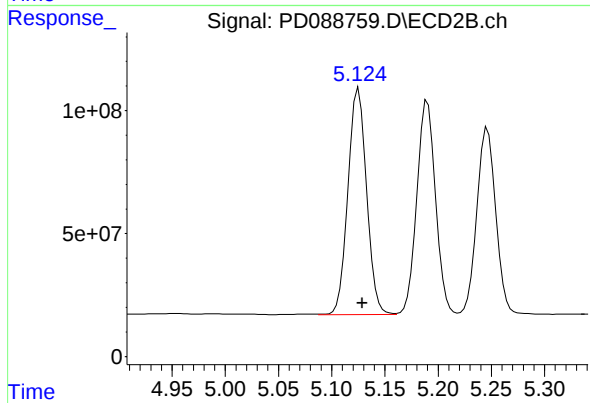
#9 Endosulfan I

R.T.: 5.246 min
Delta R.T.: -0.003 min
Response: 934429713
Conc: 49.24 ng/ml



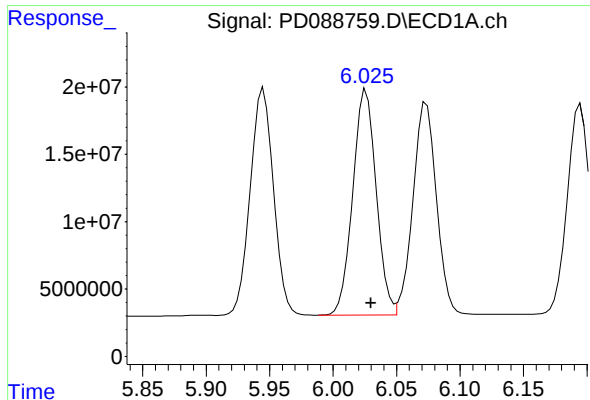
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: -0.003 min
Response: 215905667
Conc: 54.13 ng/ml



#10 gamma-Chlordane

R.T.: 5.125 min
Delta R.T.: -0.004 min
Response: 1116218519
Conc: 52.33 ng/ml



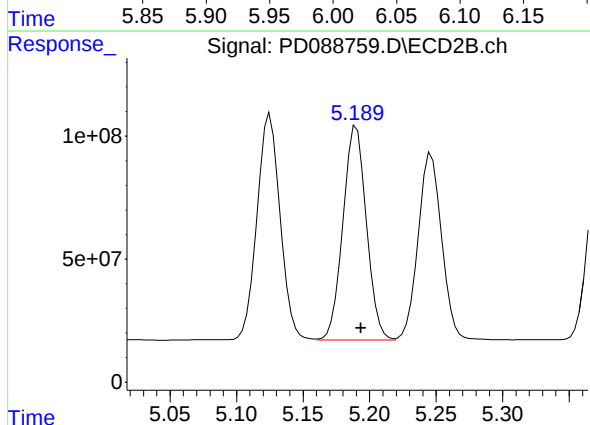
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: -0.004 min
Response: 215016753
Conc: 53.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

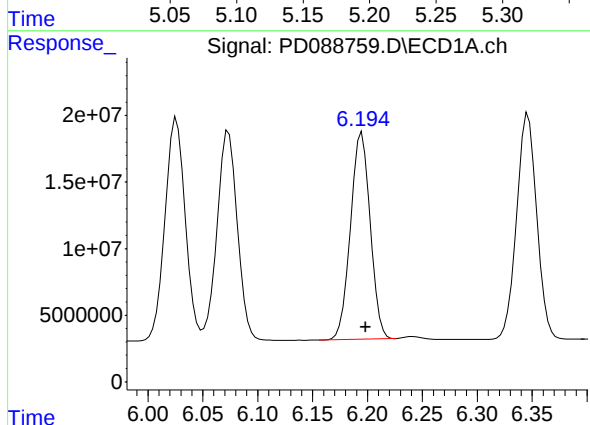
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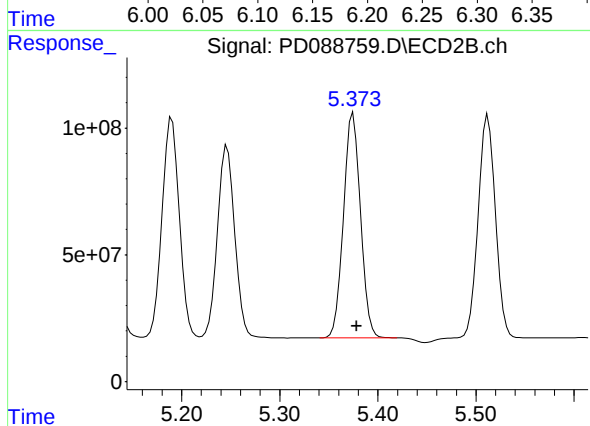
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: -0.003 min
Response: 1067997821
Conc: 51.78 ng/ml



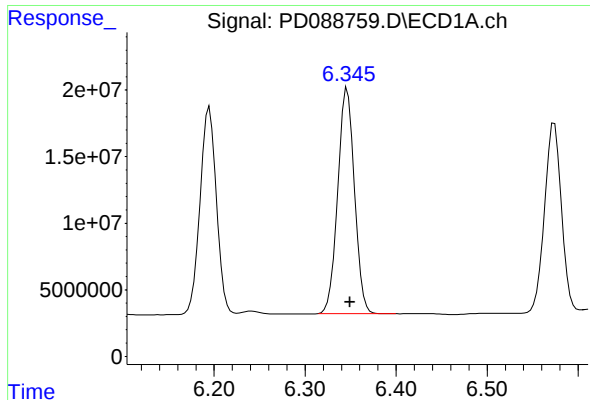
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.003 min
Response: 194113371
Conc: 54.08 ng/ml



#12 4,4'-DDE

R.T.: 5.373 min
Delta R.T.: -0.005 min
Response: 1071288613
Conc: 51.25 ng/ml m



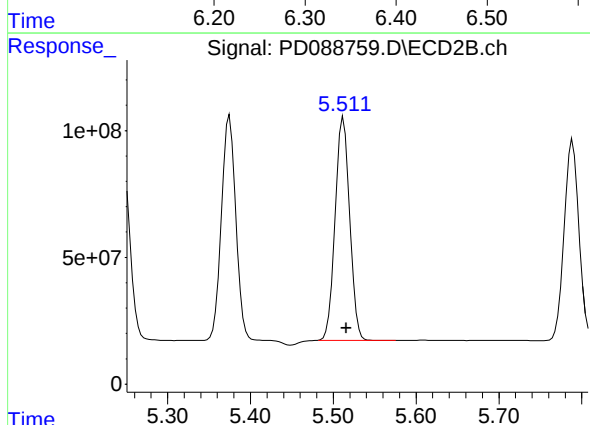
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.003 min
Response: 216360921
Conc: 53.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

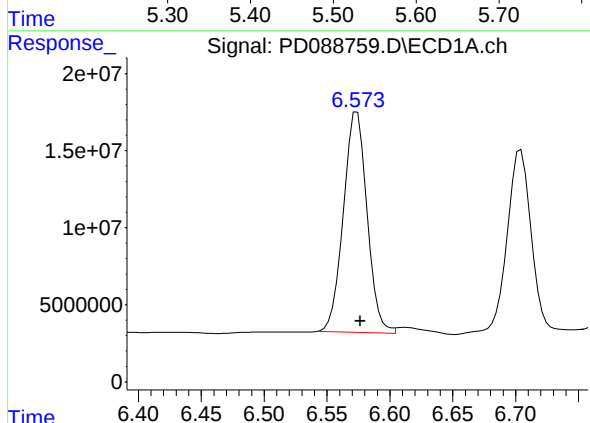
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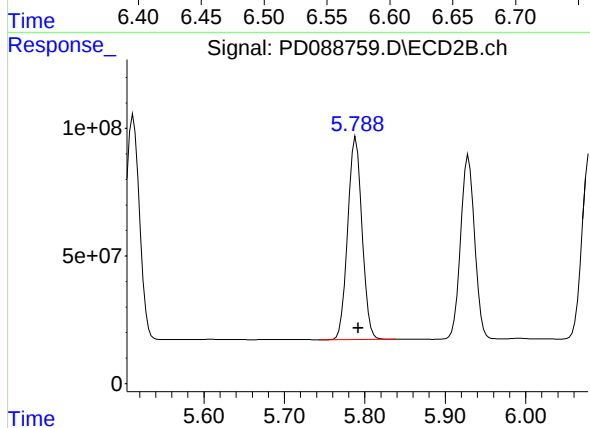
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: -0.004 min
Response: 1075495666
Conc: 51.11 ng/ml



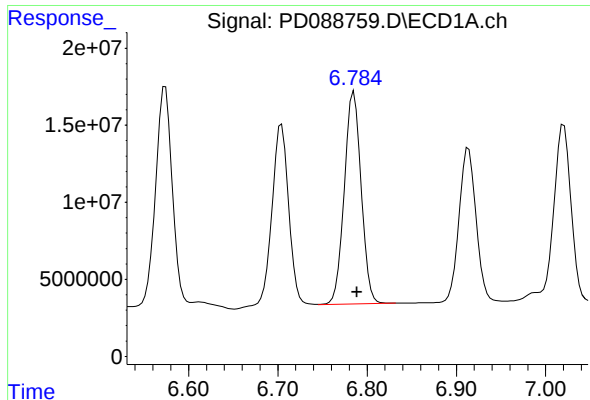
#14 Endrin

R.T.: 6.574 min
Delta R.T.: -0.003 min
Response: 186670412
Conc: 54.66 ng/ml



#14 Endrin

R.T.: 5.789 min
Delta R.T.: -0.003 min
Response: 979685967
Conc: 50.80 ng/ml



#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: -0.003 min
Response: 180934015
Conc: 52.54 ng/ml

Instrument :

ECD_D

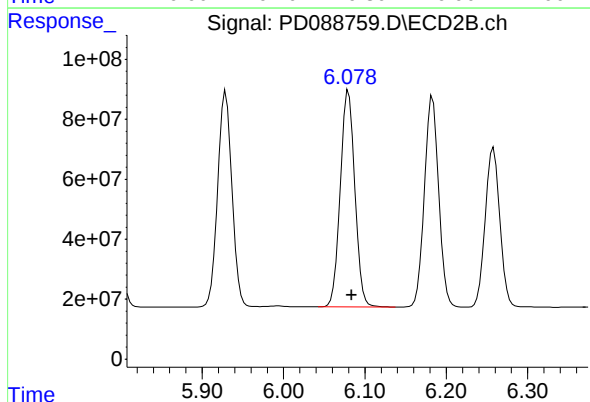
ClientSampleId :

PSTDCCC050

Manual Integrations

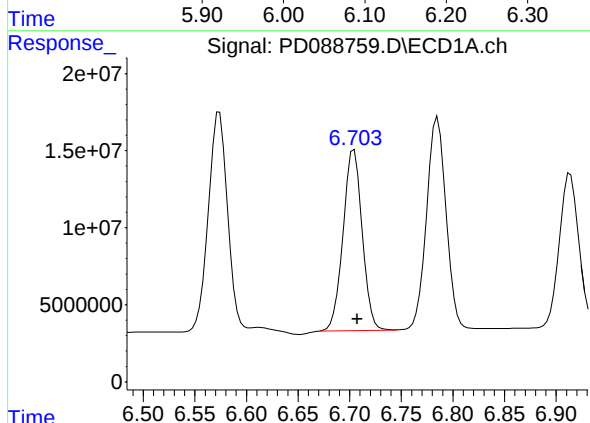
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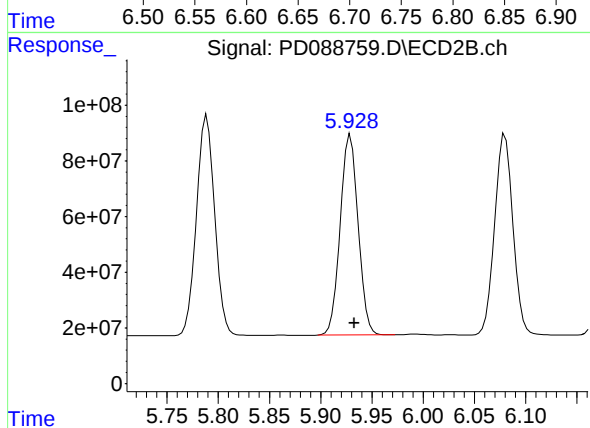
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: -0.004 min
Response: 898363161
Conc: 49.03 ng/ml



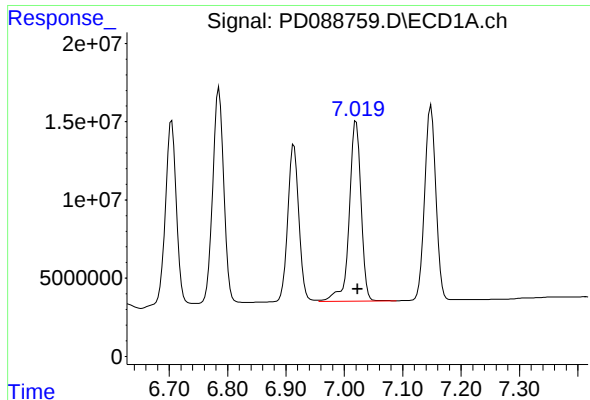
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.003 min
Response: 151526445
Conc: 54.41 ng/ml



#16 4,4'-DDD

R.T.: 5.929 min
Delta R.T.: -0.004 min
Response: 872273226
Conc: 50.15 ng/ml



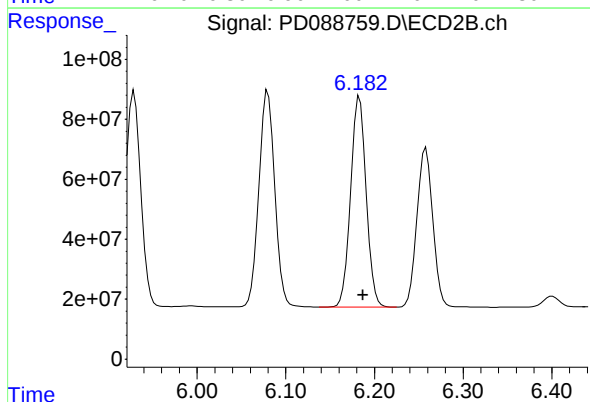
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.003 min
Response: 160973810
Conc: 51.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

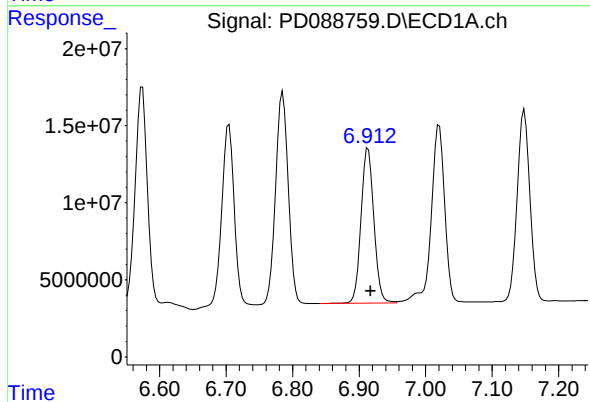
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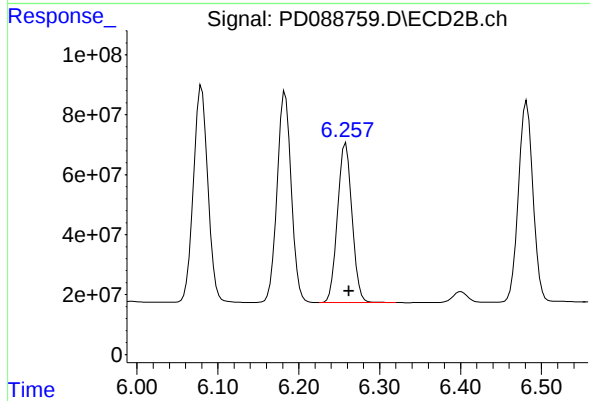
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 859233265
Conc: 47.37 ng/ml



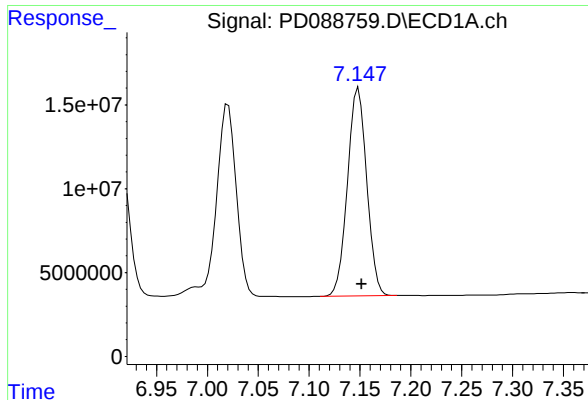
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: -0.004 min
Response: 134547418
Conc: 52.26 ng/ml



#18 Endrin aldehyde

R.T.: 6.258 min
Delta R.T.: -0.004 min
Response: 664483289
Conc: 47.71 ng/ml



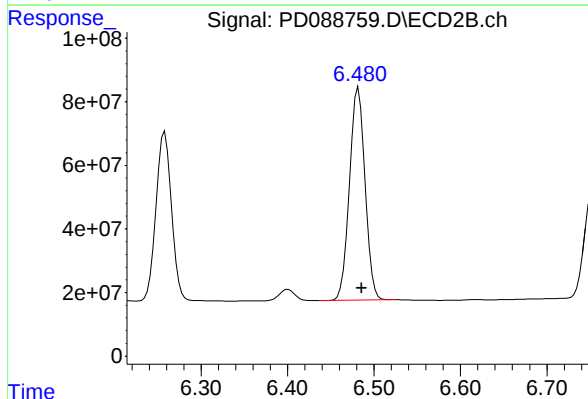
#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: -0.003 min
Response: 163362331
Conc: 51.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

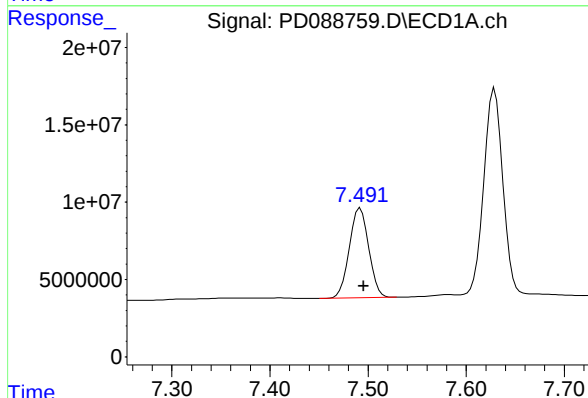
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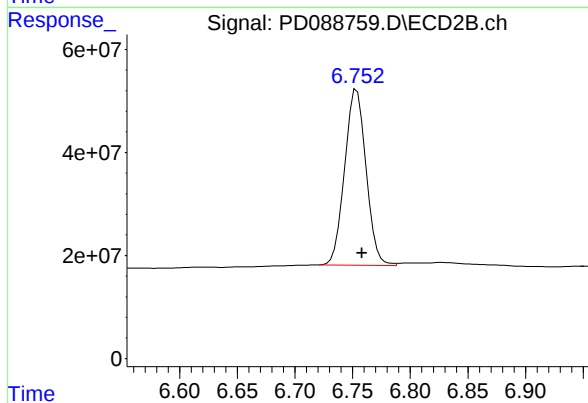
#19 Endosulfan Sulfate

R.T.: 6.482 min
Delta R.T.: -0.004 min
Response: 834782109
Conc: 47.01 ng/ml



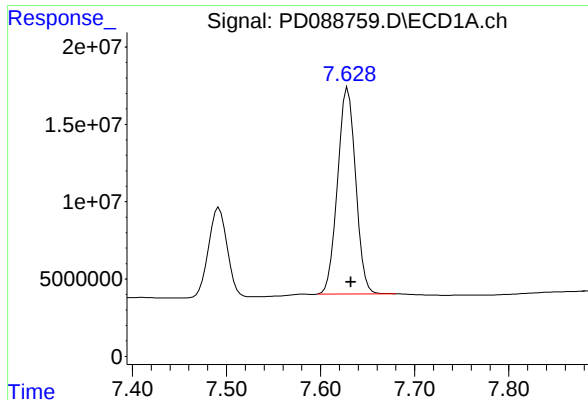
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: -0.003 min
Response: 79726637
Conc: 47.72 ng/ml



#20 Methoxychlor

R.T.: 6.753 min
Delta R.T.: -0.004 min
Response: 438928045
Conc: 45.84 ng/ml



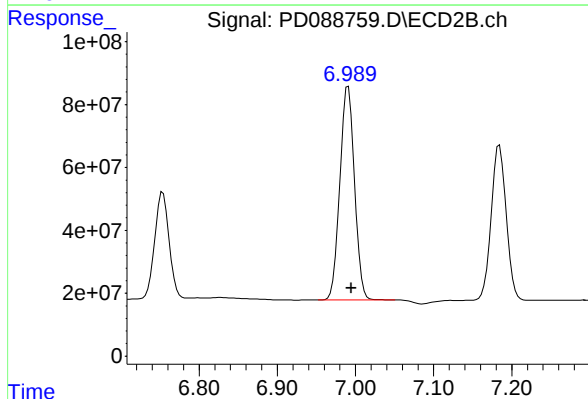
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: -0.004 min
Response: 178408170
Conc: 52.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

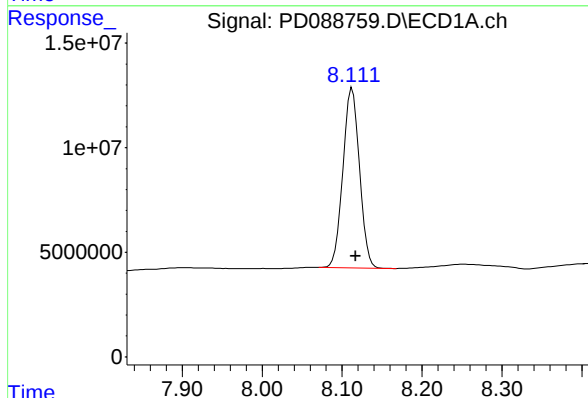
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/29/2025
Supervised By :mohammad ahmed 05/30/2025



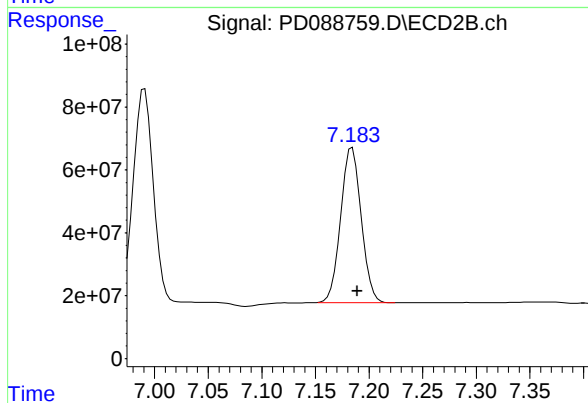
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.004 min
Response: 885373070
Conc: 45.76 ng/ml



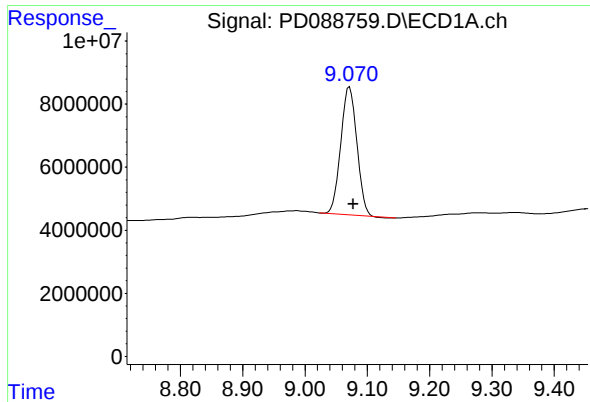
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.004 min
Response: 123766885
Conc: 47.63 ng/ml



#22 Mirex

R.T.: 7.184 min
Delta R.T.: -0.005 min
Response: 657514862
Conc: 43.25 ng/ml



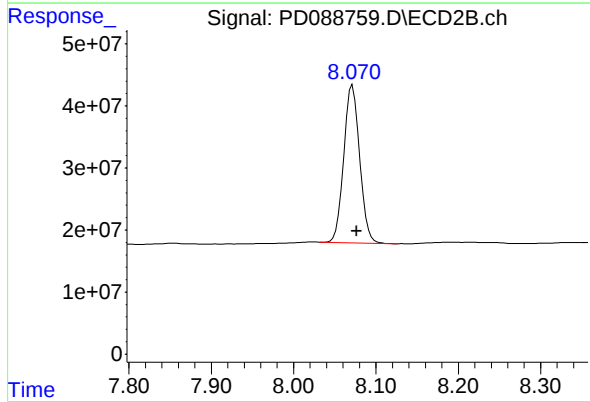
#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: -0.006 min
Response: 72754625
Conc: 21.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: -0.005 min
Response: 339887655
Conc: 18.62 ng/ml