

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052325\
 Data File : PD088733.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 May 2025 17:39
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 05/27/2025

Supervised By :mohammad ahmed 05/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 22 22:47:29 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 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...	3.551	2.881	126.1E6	851.5E6	58.283	56.289
28) SA Decachlor...	9.078	8.074	176.5E6	737.6E6	51.560	40.403m
Target Compounds						
2) A alpha-BHC	3.999	3.394	285.7E6	1351.5E6	59.803m	56.539
3) MA gamma-BHC...	4.331	3.730	268.9E6	1236.8E6	58.431	55.796
4) MA Heptachlor	4.931	4.084	253.2E6	1198.2E6	56.624	53.358
5) MB Aldrin	5.273	4.368	251.4E6	1194.2E6	57.197	54.456m
6) B beta-BHC	4.516	4.026	101.2E6	512.5E6	56.097	52.611
7) B delta-BHC	4.765	4.263	259.1E6	1217.5E6	61.305	54.610
8) B Heptachlo...	5.692	4.873	214.3E6	1047.0E6	54.000	52.689
9) A Endosulfan I	6.076	5.247	199.2E6	840.0E6	52.932	44.258
10) B gamma-Chl...	5.947	5.127	213.4E6	1120.8E6	53.493m	52.542
11) B alpha-Chl...	6.029	5.191	212.8E6	1065.6E6	53.123	51.666
12) B 4,4'-DDE	6.198	5.375	181.9E6	1065.1E6	50.688	50.956m
13) MA Dieldrin	6.349	5.514	209.3E6	1059.4E6	52.168	50.340
14) MA Endrin	6.575	5.791	175.7E6	995.7E6	51.434m	51.635
15) B Endosulfa...	6.788	6.081	173.1E6	889.5E6	50.264	48.550m
16) A 4,4'-DDD	6.707	5.931	157.8E6	891.5E6	56.665	51.260
17) MA 4,4'-DDT	7.023	6.186	133.6E6	755.1E6	42.781	41.632
18) B Endrin al...	6.917	6.260	124.2E6	638.3E6	48.242	45.824
19) B Endosulfa...	7.152	6.484	153.2E6	821.8E6	47.817	46.285
20) A Methoxychlor	7.496	6.756	70784211	386.2E6	42.372	40.336
21) B Endrin ke...	7.632	6.992	168.3E6	870.7E6	49.160	45.005m
22) Mirex	8.117	7.188	116.7E6	624.5E6	44.920	41.079

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052325\
Data File : PD088733.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 May 2025 17:39
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

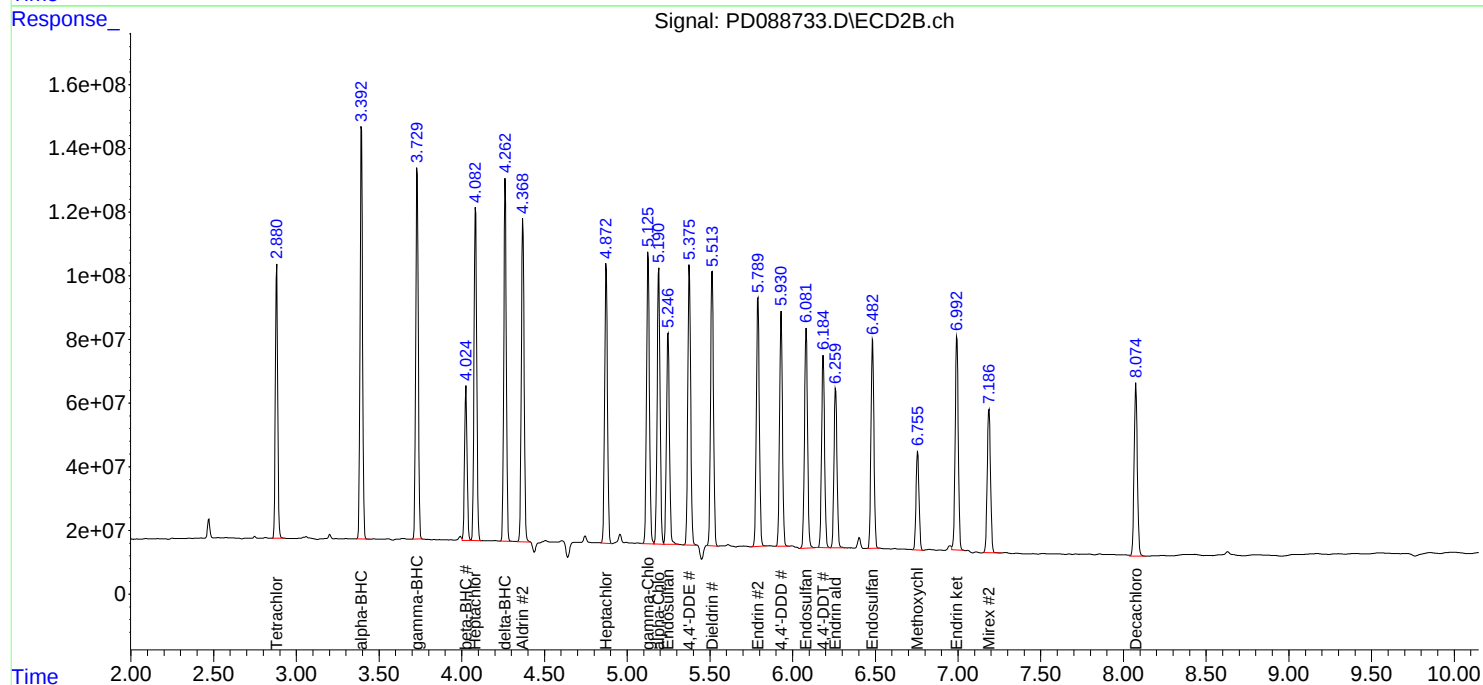
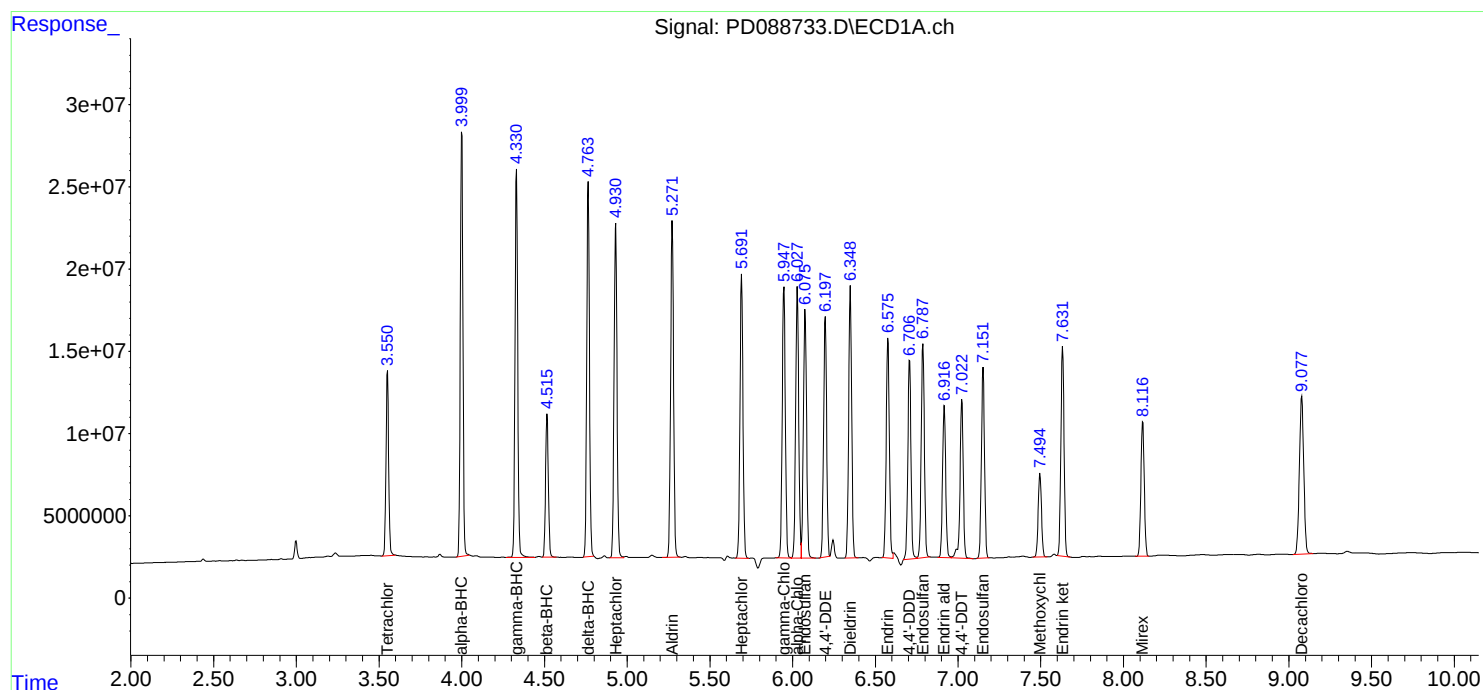
APPROVED

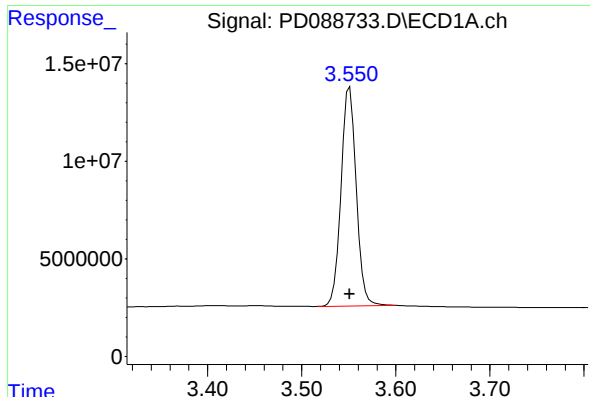
Reviewed By :Abdul Mirza 05/27/2025

Supervised By :mohammad ahmed 05/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 22 22:47:29 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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





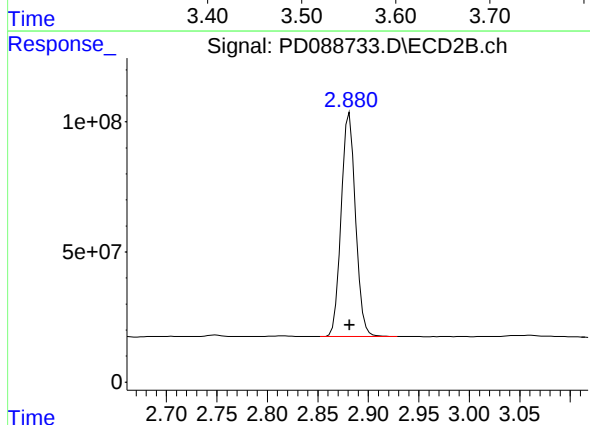
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 126110338
Conc: 58.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

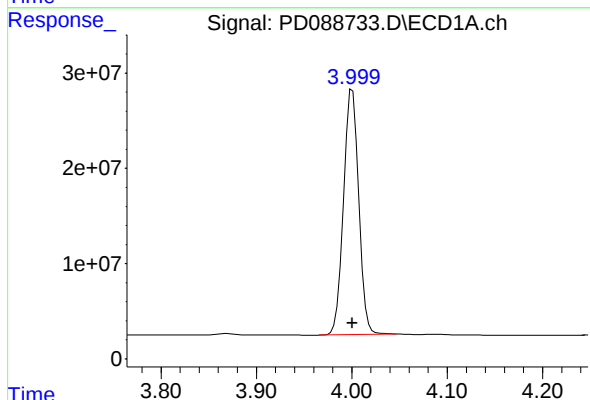
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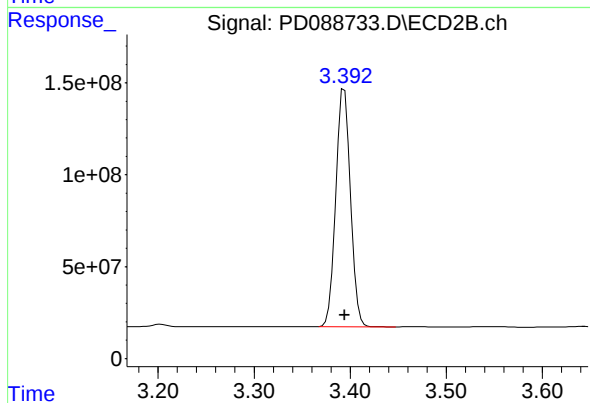
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 851473426
Conc: 56.29 ng/ml



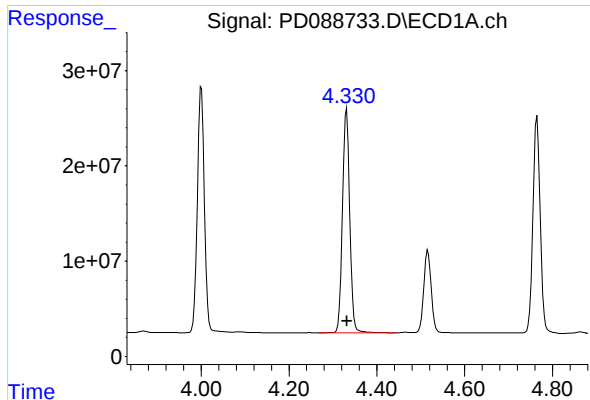
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: -0.001 min
Response: 285651715
Conc: 59.80 ng/ml m



#2 alpha-BHC

R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 1351486470
Conc: 56.54 ng/ml



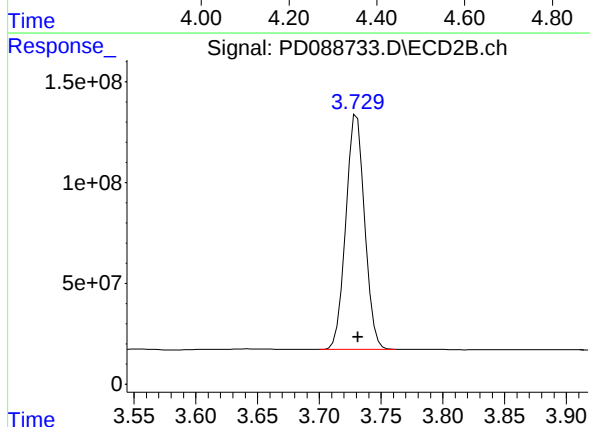
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 268941843
Conc: 58.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

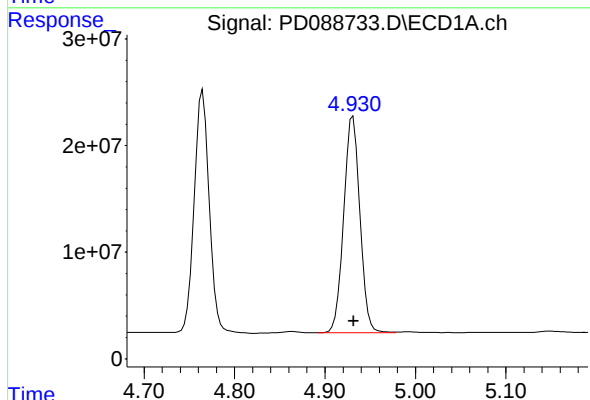
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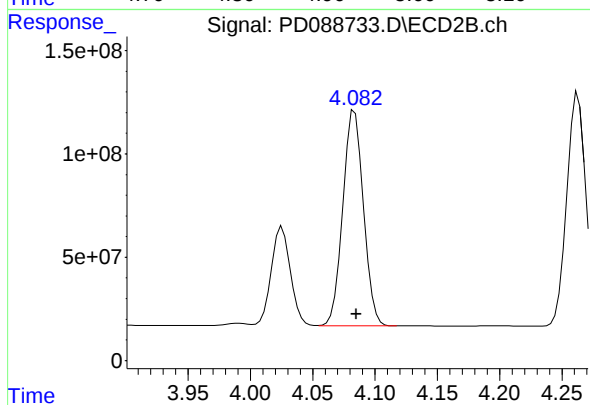
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: -0.001 min
Response: 1236755893
Conc: 55.80 ng/ml



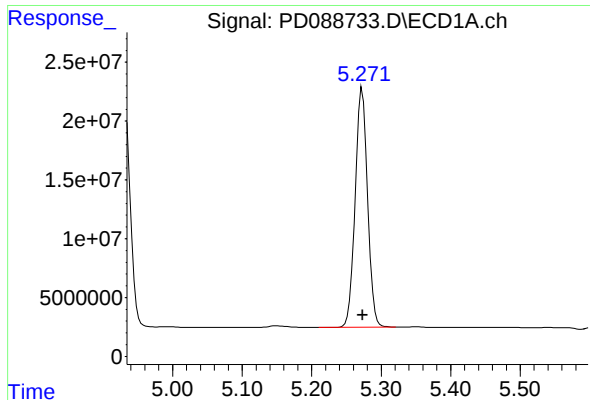
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 253176479
Conc: 56.62 ng/ml



#4 Heptachlor

R.T.: 4.084 min
Delta R.T.: -0.001 min
Response: 1198151368
Conc: 53.36 ng/ml



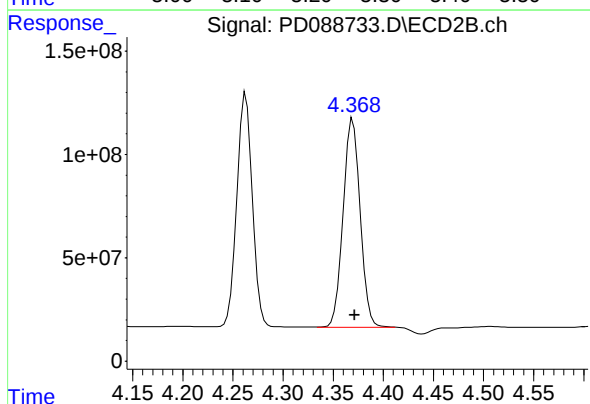
#5 Aldrin

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 251354275
Conc: 57.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

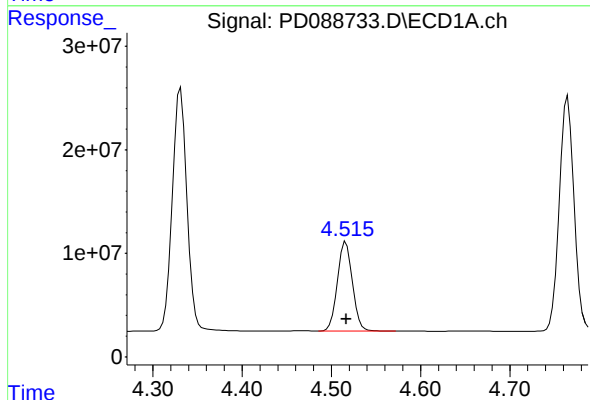
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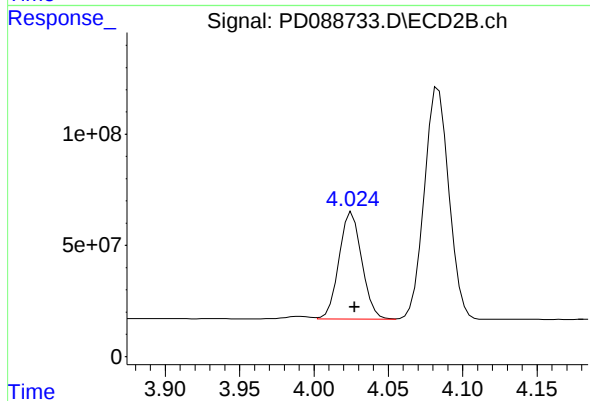
#5 Aldrin

R.T.: 4.368 min
Delta R.T.: -0.003 min
Response: 1194210321
Conc: 54.46 ng/ml



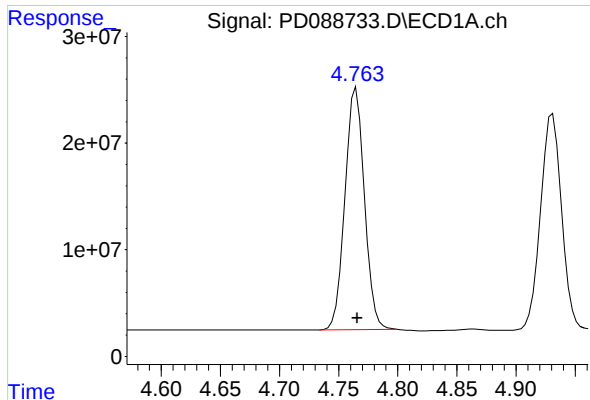
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 101151665
Conc: 56.10 ng/ml



#6 beta-BHC

R.T.: 4.026 min
Delta R.T.: -0.002 min
Response: 512532322
Conc: 52.61 ng/ml



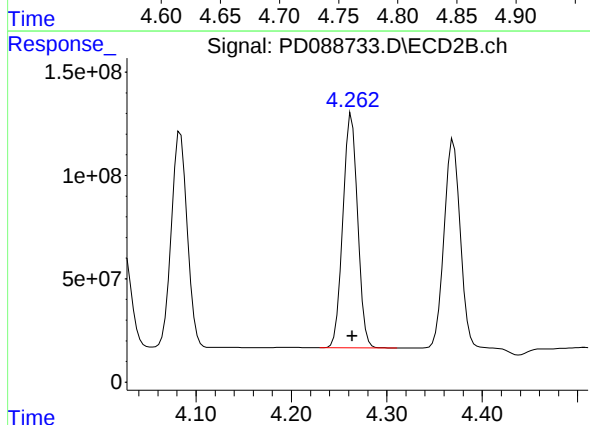
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 259082060
Conc: 61.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

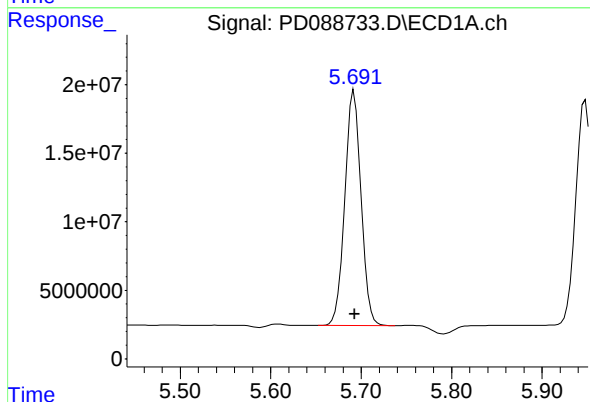
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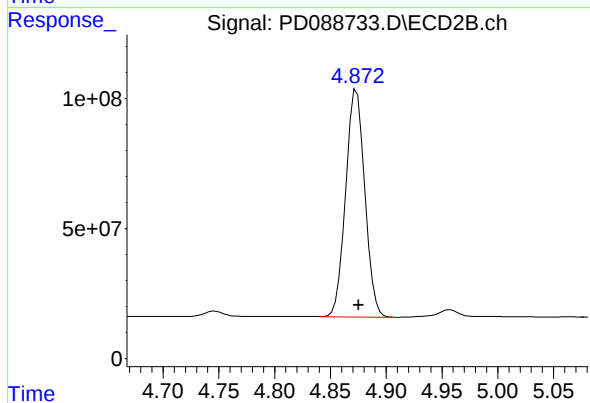
#7 delta-BHC

R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 1217483680
Conc: 54.61 ng/ml



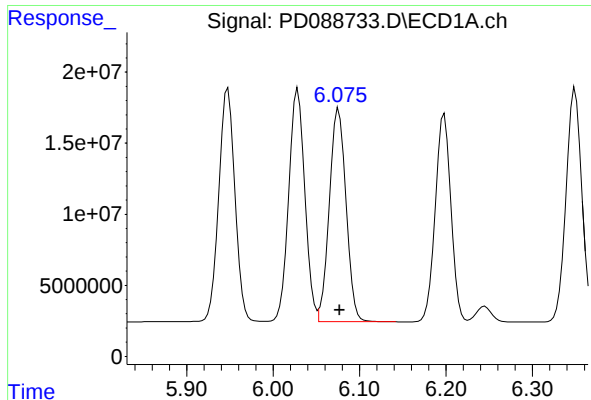
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 214340344
Conc: 54.00 ng/ml



#8 Heptachlor epoxide

R.T.: 4.873 min
Delta R.T.: -0.002 min
Response: 1047008024
Conc: 52.69 ng/ml



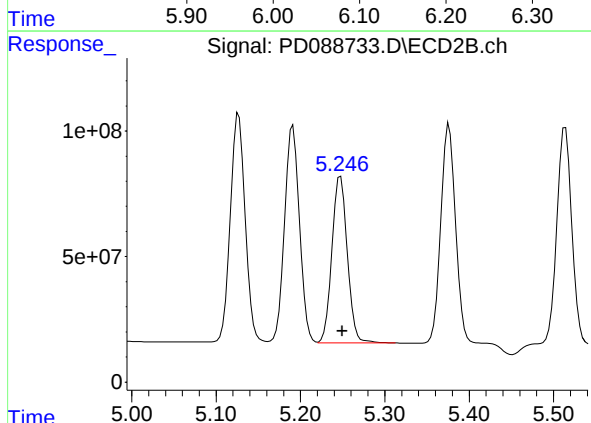
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: -0.001 min
Response: 199177081
Conc: 52.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

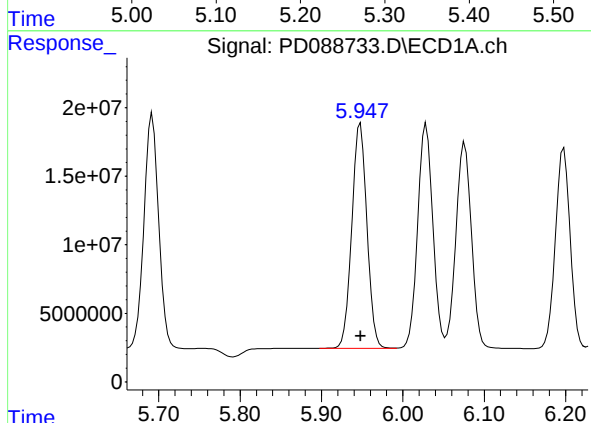
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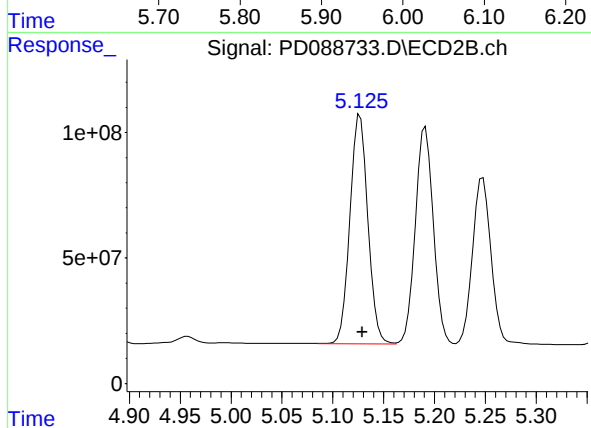
#9 Endosulfan I

R.T.: 5.247 min
Delta R.T.: -0.002 min
Response: 839953693
Conc: 44.26 ng/ml



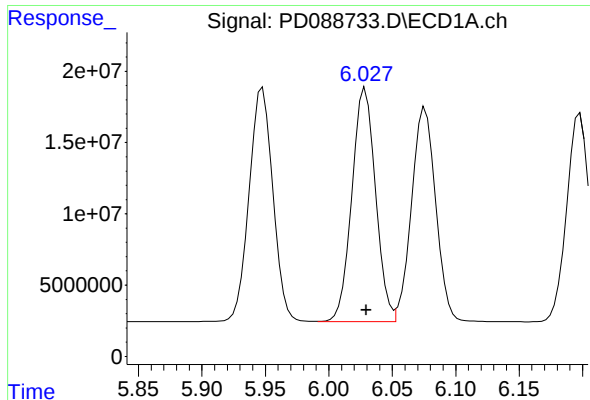
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 213381622
Conc: 53.49 ng/ml m



#10 gamma-Chlordane

R.T.: 5.127 min
Delta R.T.: -0.002 min
Response: 1120834546
Conc: 52.54 ng/ml



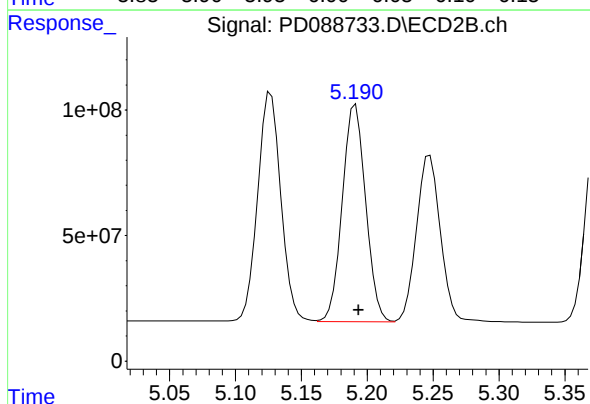
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 212825902
Conc: 53.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

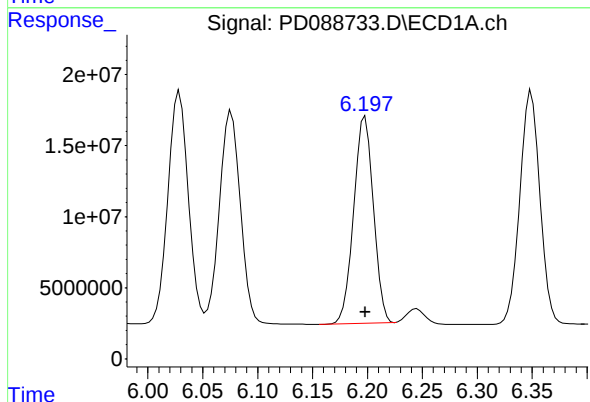
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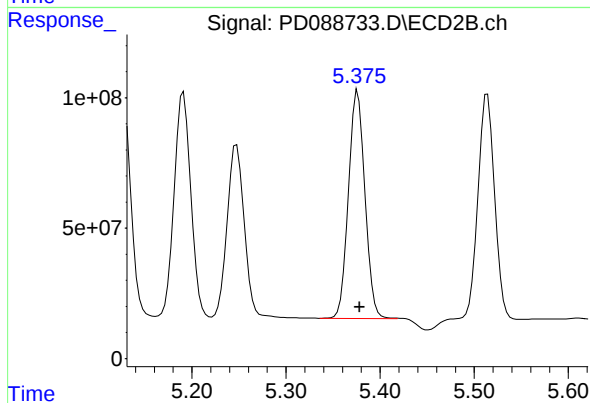
#11 alpha-Chlordane

R.T.: 5.191 min
Delta R.T.: -0.002 min
Response: 1065607782
Conc: 51.67 ng/ml



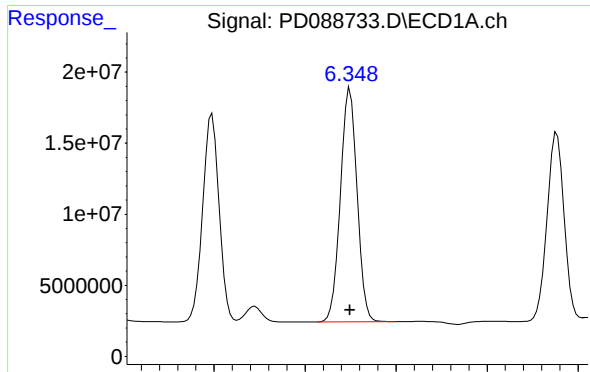
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 181937776
Conc: 50.69 ng/ml



#12 4,4'-DDE

R.T.: 5.375 min
Delta R.T.: -0.003 min
Response: 1065114077
Conc: 50.96 ng/ml m



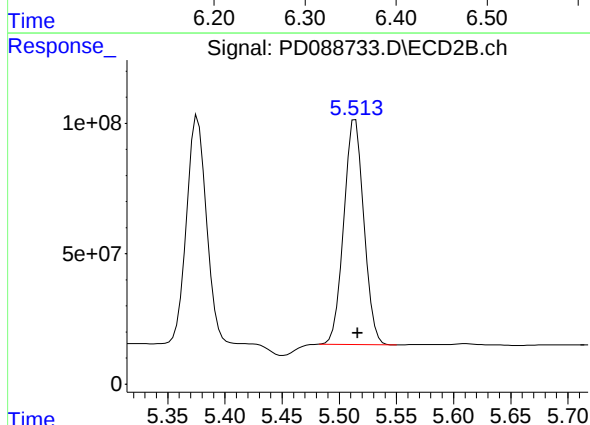
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 209283395
Conc: 52.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

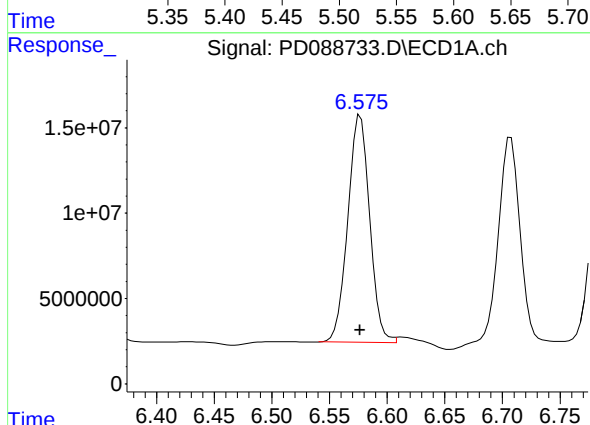
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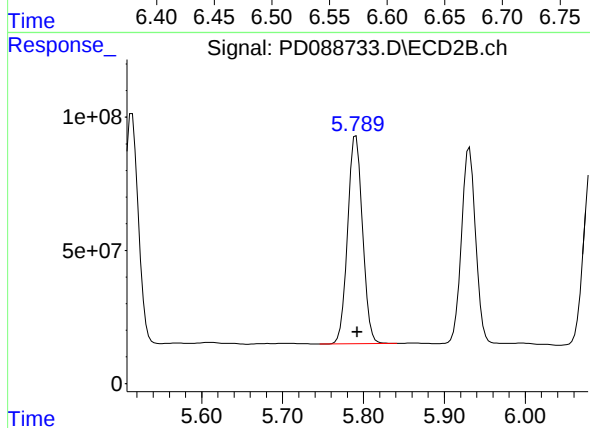
#13 Dieldrin

R.T.: 5.514 min
Delta R.T.: -0.002 min
Response: 1059357104
Conc: 50.34 ng/ml



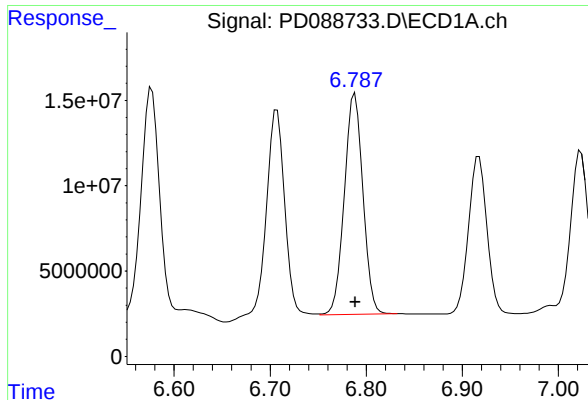
#14 Endrin

R.T.: 6.575 min
Delta R.T.: -0.001 min
Response: 175654795
Conc: 51.43 ng/ml m



#14 Endrin

R.T.: 5.791 min
Delta R.T.: -0.001 min
Response: 995728865
Conc: 51.63 ng/ml



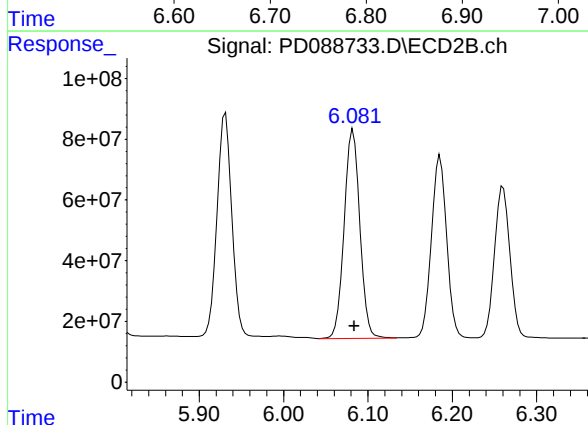
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: 0.000 min
Response: 173088728
Conc: 50.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

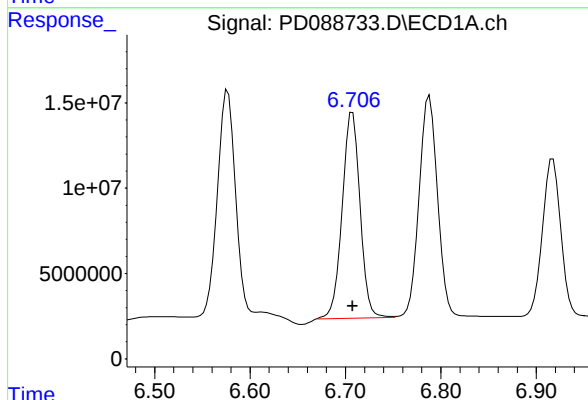
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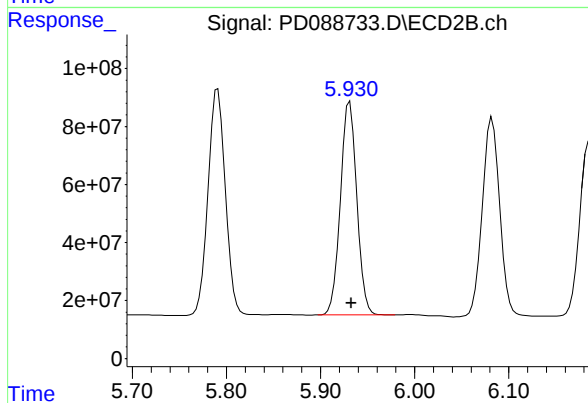
#15 Endosulfan II

R.T.: 6.081 min
Delta R.T.: -0.003 min
Response: 889530644
Conc: 48.55 ng/ml m



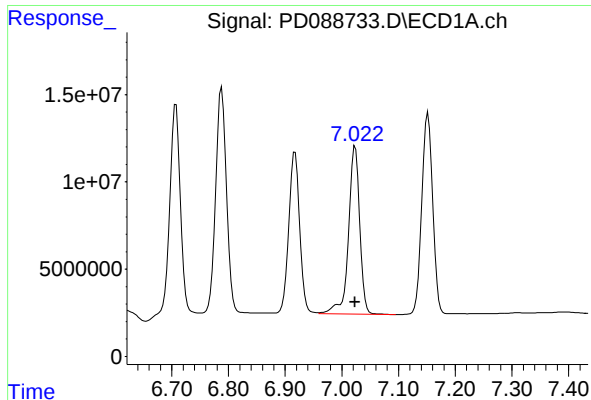
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 157817399
Conc: 56.66 ng/ml



#16 4,4'-DDD

R.T.: 5.931 min
Delta R.T.: -0.002 min
Response: 891524354
Conc: 51.26 ng/ml



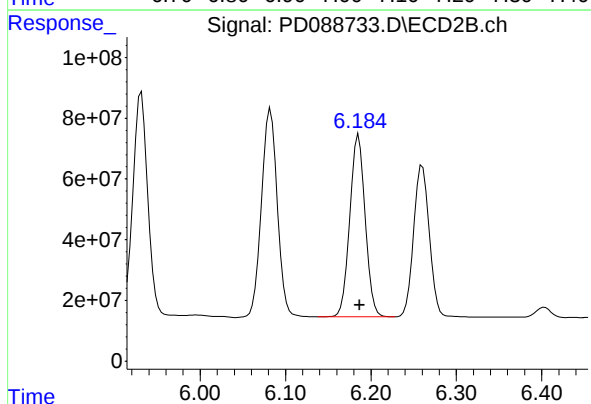
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 133564807
Conc: 42.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

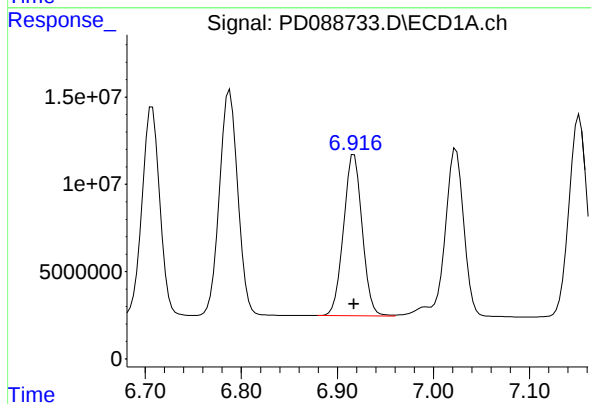
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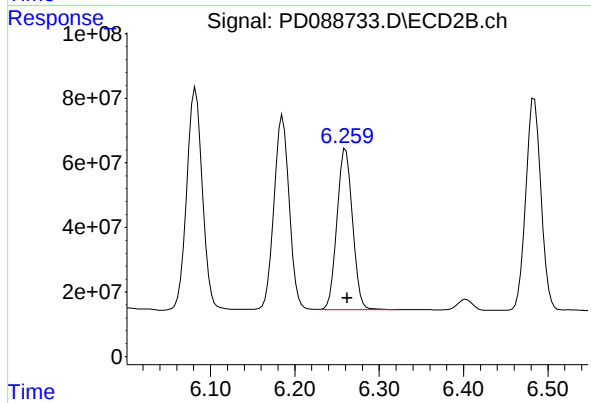
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: -0.001 min
Response: 755097282
Conc: 41.63 ng/ml



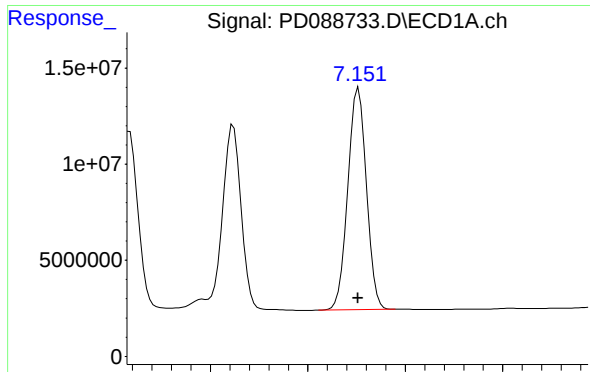
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 124203384
Conc: 48.24 ng/ml



#18 Endrin aldehyde

R.T.: 6.260 min
Delta R.T.: -0.002 min
Response: 638275023
Conc: 45.82 ng/ml



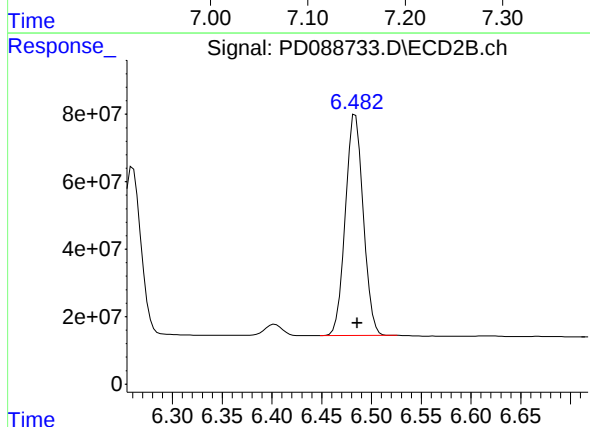
#19 Endosulfan Sulfate

R.T.: 7.152 min
Delta R.T.: 0.000 min
Response: 153160369
Conc: 47.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

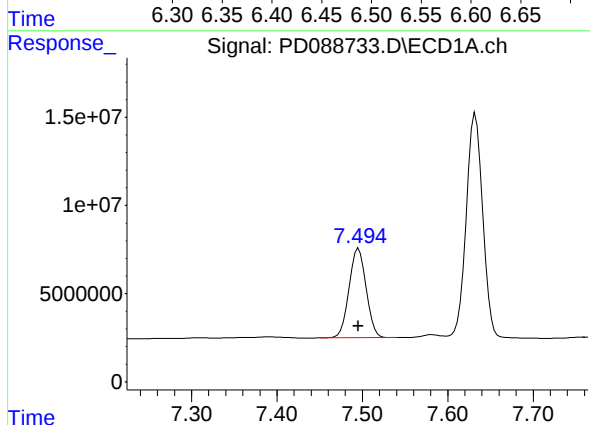
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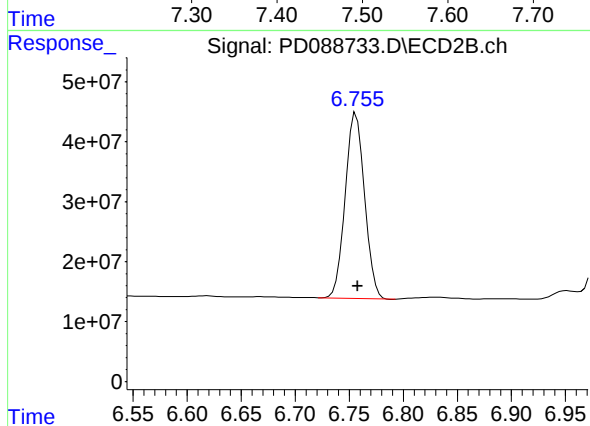
#19 Endosulfan Sulfate

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 821825567
Conc: 46.28 ng/ml



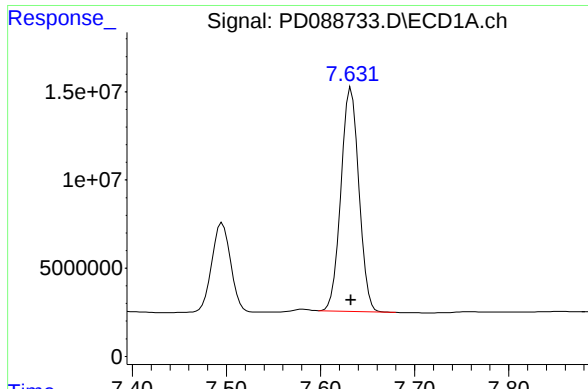
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: 0.000 min
Response: 70784211
Conc: 42.37 ng/ml



#20 Methoxychlor

R.T.: 6.756 min
Delta R.T.: -0.002 min
Response: 386211373
Conc: 40.34 ng/ml



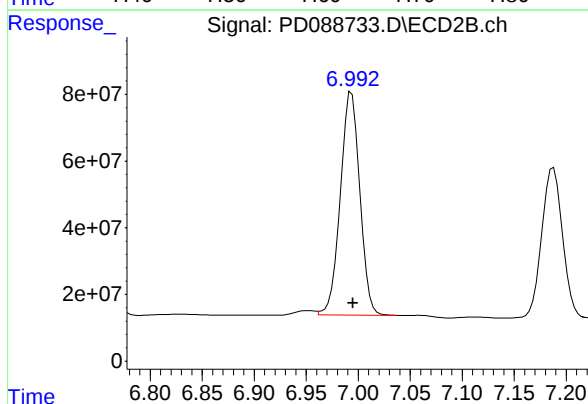
#21 Endrin ketone

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 168282978
Conc: 49.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

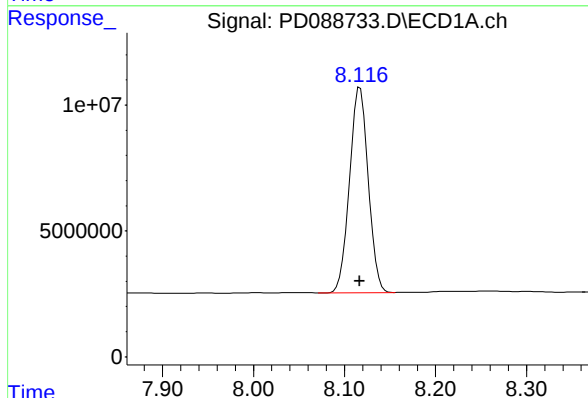
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/27/2025
Supervised By :mohammad ahmed 05/28/2025



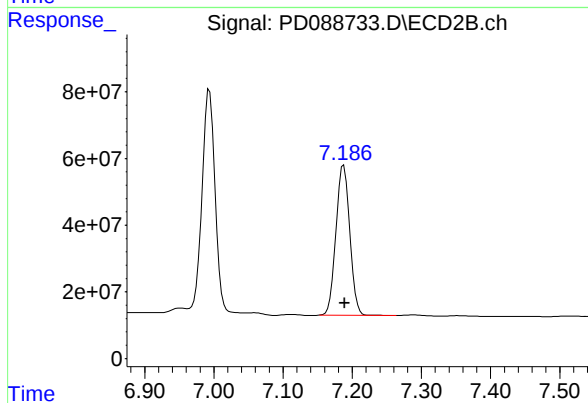
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: -0.003 min
Response: 870726288
Conc: 45.00 ng/ml m



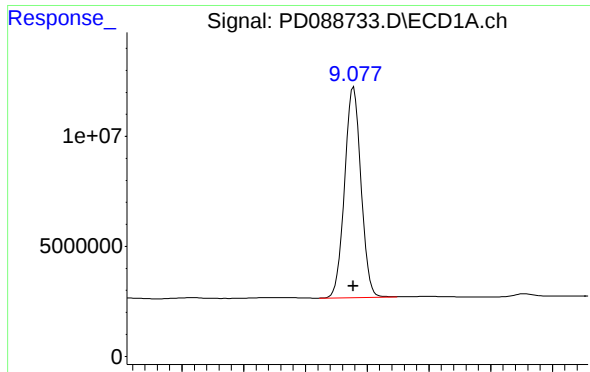
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 116715307
Conc: 44.92 ng/ml



#22 Mirex

R.T.: 7.188 min
Delta R.T.: -0.001 min
Response: 624500259
Conc: 41.08 ng/ml



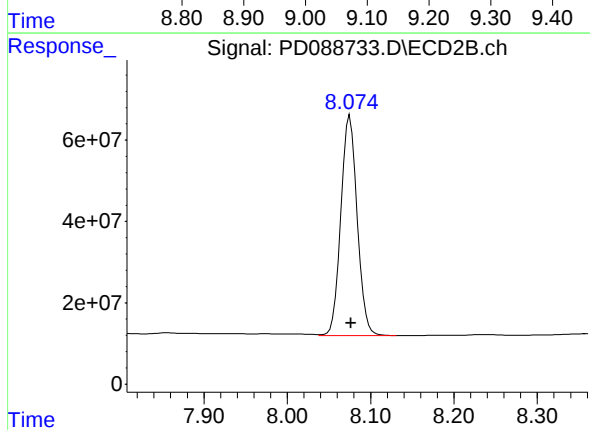
#28 Decachlorobiphenyl

R.T.: 9.078 min
Delta R.T.: 0.000 min
Response: 176454907
Conc: 51.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 05/28/2025



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: -0.003 min
Response: 737606164
Conc: 40.40 ng/ml m