

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042925\
 Data File : PD088322.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2025 12:35
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/30/2025
 Supervised By : mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 30 00:47:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 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...	3.554	2.881	105.8E6	720.7E6	52.960	49.291
28) SA Decachlor...	9.078	8.076	163.1E6	844.2E6	49.315	45.683
Target Compounds						
2) A alpha-BHC	4.003	3.394	240.5E6	1146.3E6	55.767	50.141
3) MA gamma-BHC...	4.334	3.731	231.2E6	1066.7E6	55.224	49.524
4) MA Heptachlor	4.934	4.085	224.3E6	1040.4E6	55.526	48.620
5) MB Aldrin	5.276	4.371	220.6E6	1073.2E6	55.865	51.590
6) B beta-BHC	4.519	4.027	89159986	460.5E6	54.922	49.764
7) B delta-BHC	4.767	4.264	230.1E6	1068.7E6	55.775	50.264
8) B Heptachlo...	5.695	4.875	197.1E6	936.5E6	55.149	49.563
9) A Endosulfan I	6.078	5.249	187.2E6	812.5E6	55.419	45.107
10) B gamma-Chl...	5.950	5.129	201.8E6	1010.8E6	55.724	49.804
11) B alpha-Chl...	6.031	5.193	200.4E6	972.9E6	55.518	49.631
12) B 4,4'-DDE	6.200	5.377	176.8E6	981.1E6	53.616	49.816m
13) MA Dieldrin	6.351	5.516	200.3E6	997.1E6	56.122	50.022
14) MA Endrin	6.578	5.792	164.3E6	906.2E6	55.098	49.782
15) B Endosulfa...	6.790	6.083	169.6E6	863.7E6	54.252	49.293
16) A 4,4'-DDD	6.709	5.932	144.4E6	823.6E6	57.425	50.264
17) MA 4,4'-DDT	7.025	6.187	144.5E6	820.3E6	52.041	48.207
18) B Endrin al...	6.919	6.262	121.3E6	631.1E6	52.555	47.448
19) B Endosulfa...	7.153	6.485	155.7E6	835.1E6	54.139	48.741
20) A Methoxychlor	7.497	6.757	75773465	426.2E6	50.531	46.727
21) B Endrin ke...	7.634	6.994	165.9E6	904.4E6	53.745	48.353
22) Mirex	8.118	7.189	120.3E6	703.6E6	51.239	47.476

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042925\
Data File : PD088322.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 12:35
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

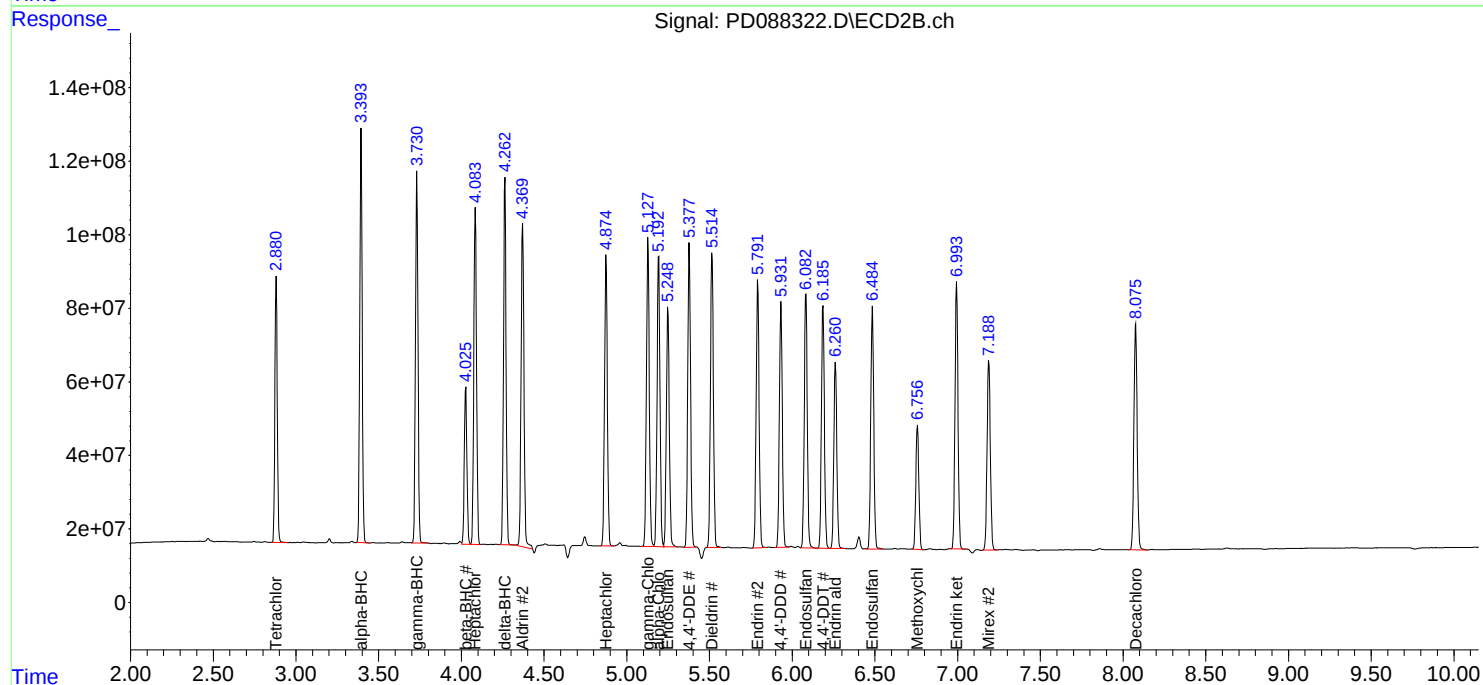
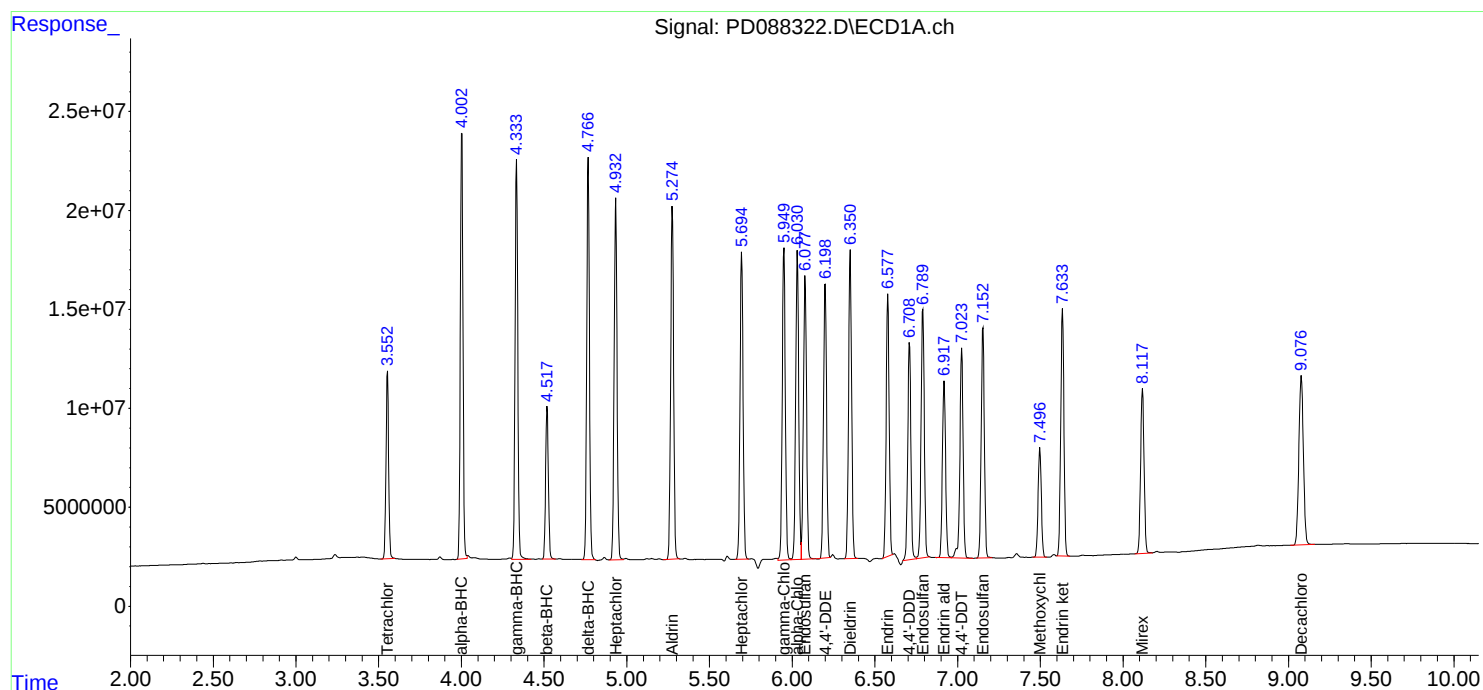
APPROVED

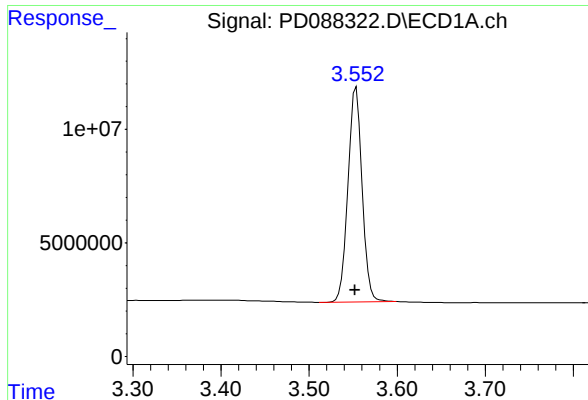
Reviewed By :Abdul Mirza 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 00:47:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 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





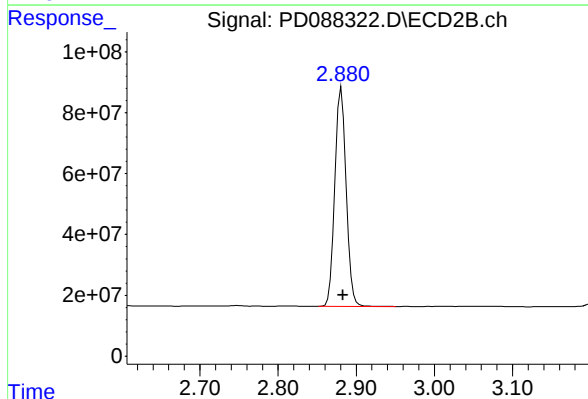
#1 Tetrachloro-m-xylene

R.T.: 3.554 min
Delta R.T.: 0.002 min
Response: 105782602
Conc: 52.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

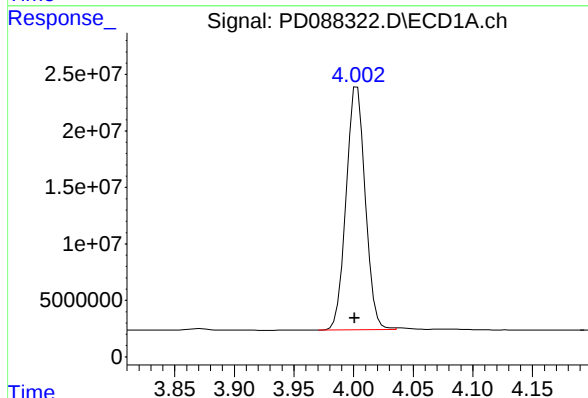
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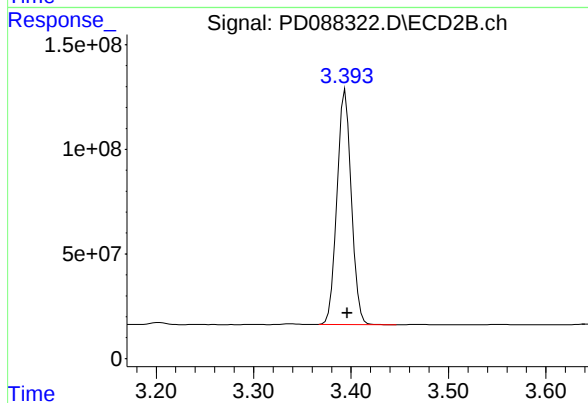
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: -0.002 min
Response: 720718901
Conc: 49.29 ng/ml



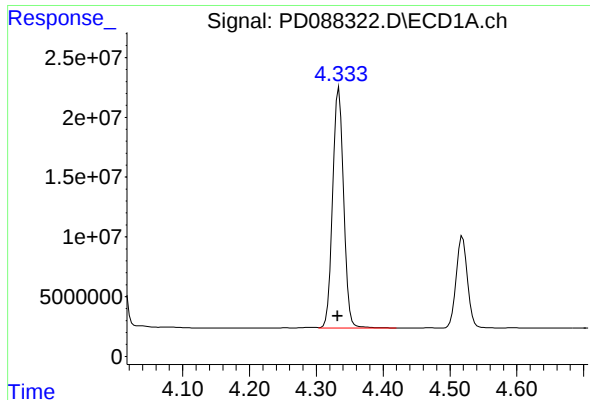
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.002 min
Response: 240466230
Conc: 55.77 ng/ml



#2 alpha-BHC

R.T.: 3.394 min
Delta R.T.: -0.002 min
Response: 1146295462
Conc: 50.14 ng/ml



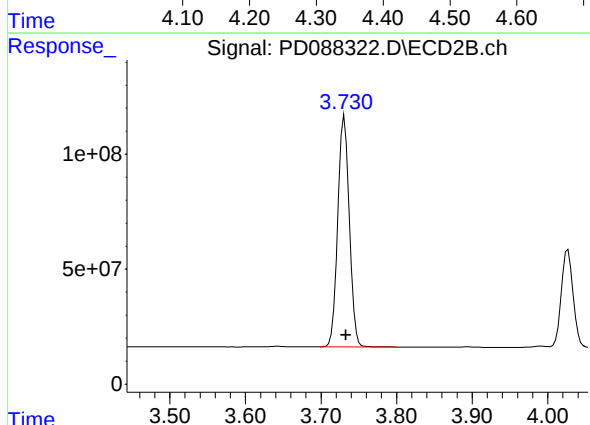
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.002 min
Response: 231249731
Conc: 55.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

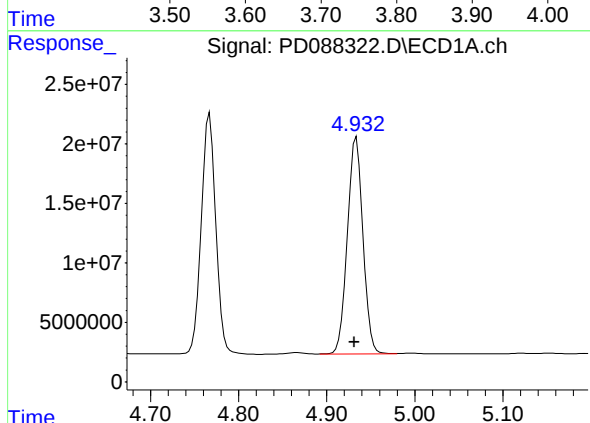
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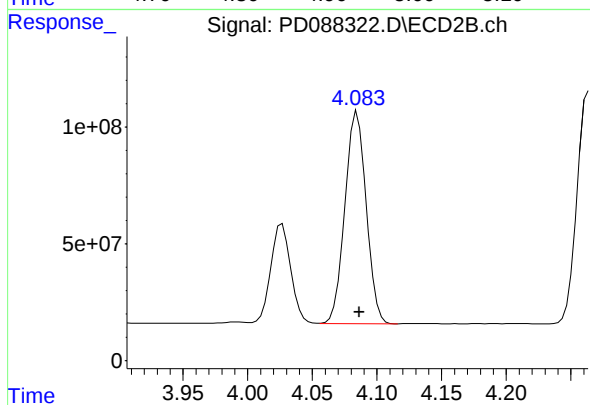
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: -0.002 min
Response: 1066679622
Conc: 49.52 ng/ml



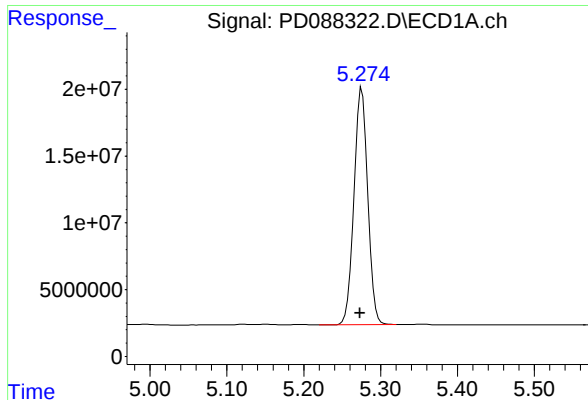
#4 Heptachlor

R.T.: 4.934 min
Delta R.T.: 0.002 min
Response: 224264953
Conc: 55.53 ng/ml



#4 Heptachlor

R.T.: 4.085 min
Delta R.T.: -0.002 min
Response: 1040380533
Conc: 48.62 ng/ml



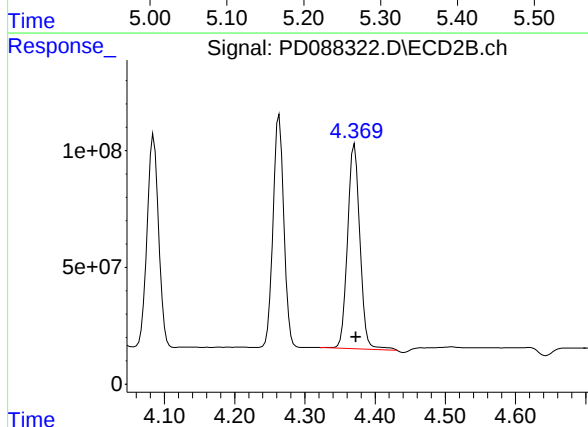
#5 Aldrin

R.T.: 5.276 min
Delta R.T.: 0.002 min
Response: 220644384
Conc: 55.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

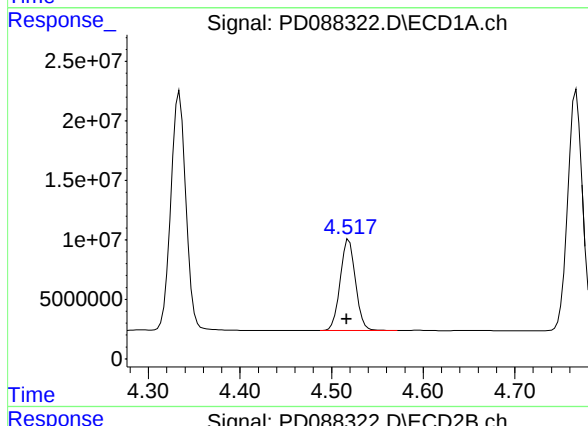
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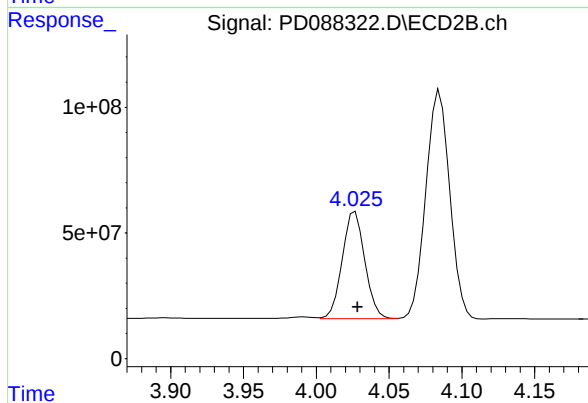
#5 Aldrin

R.T.: 4.371 min
Delta R.T.: -0.002 min
Response: 1073210599
Conc: 51.59 ng/ml



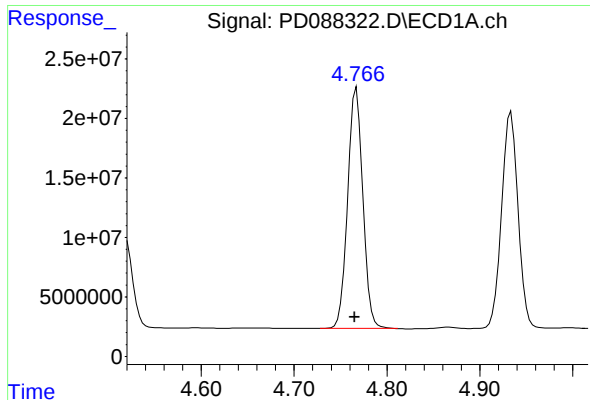
#6 beta-BHC

R.T.: 4.519 min
Delta R.T.: 0.003 min
Response: 89159986
Conc: 54.92 ng/ml



#6 beta-BHC

R.T.: 4.027 min
Delta R.T.: -0.002 min
Response: 460518425
Conc: 49.76 ng/ml



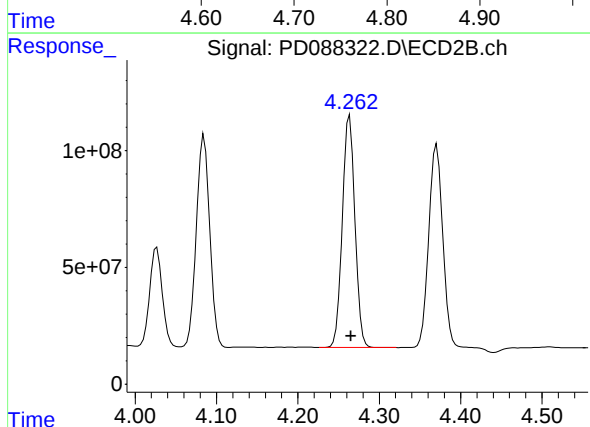
#7 delta-BHC

R.T.: 4.767 min
Delta R.T.: 0.002 min
Response: 230069086
Conc: 55.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

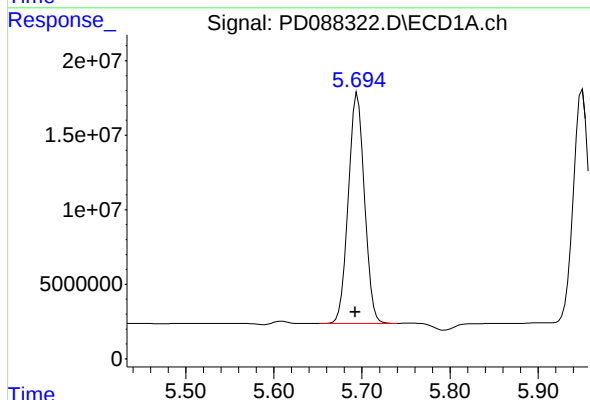
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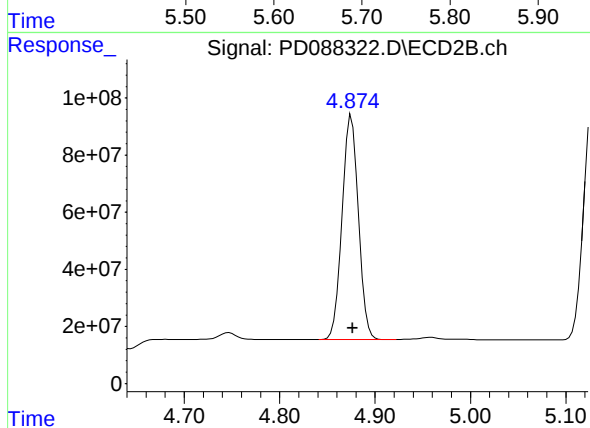
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: -0.002 min
Response: 1068684019
Conc: 50.26 ng/ml



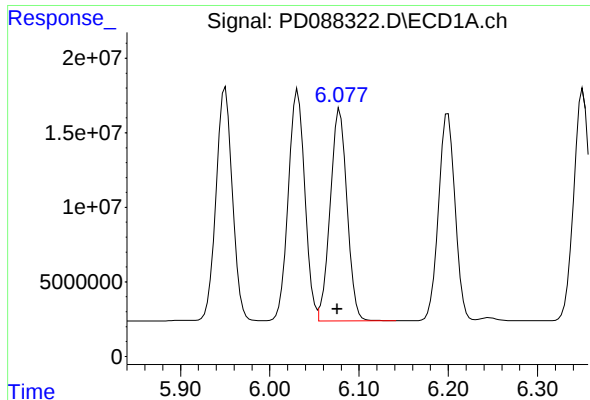
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.002 min
Response: 197100327
Conc: 55.15 ng/ml



#8 Heptachlor epoxide

R.T.: 4.875 min
Delta R.T.: -0.001 min
Response: 936460720
Conc: 49.56 ng/ml



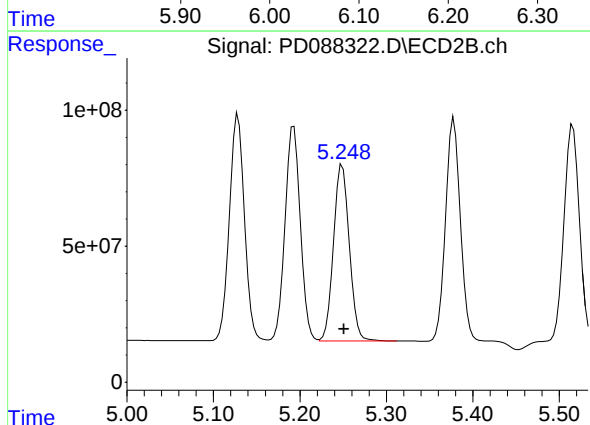
#9 Endosulfan I

R.T.: 6.078 min
Delta R.T.: 0.003 min
Response: 187157314
Conc: 55.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

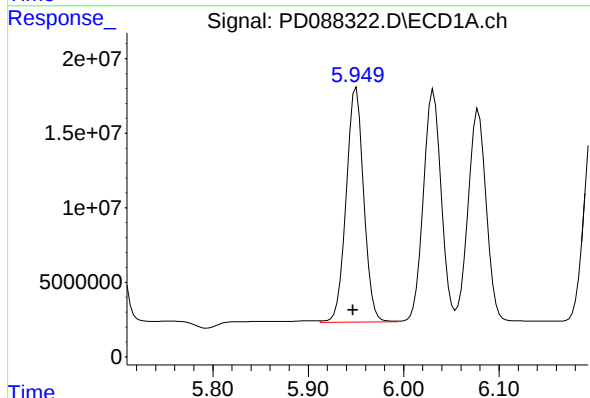
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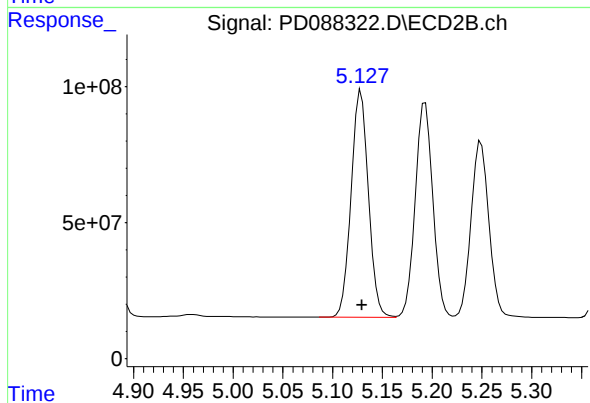
#9 Endosulfan I

R.T.: 5.249 min
Delta R.T.: -0.002 min
Response: 812482109
Conc: 45.11 ng/ml



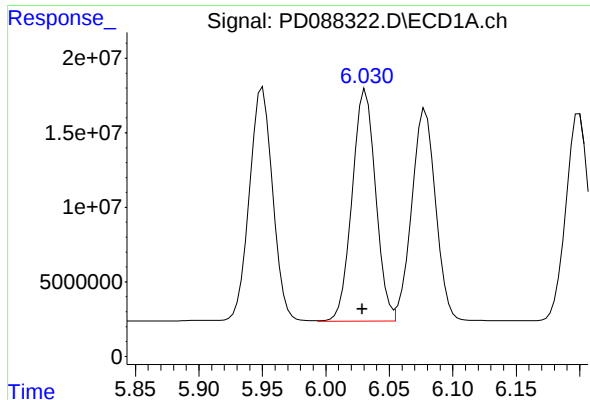
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: 0.003 min
Response: 201835517
Conc: 55.72 ng/ml



#10 gamma-Chlordane

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 1010828767
Conc: 49.80 ng/ml



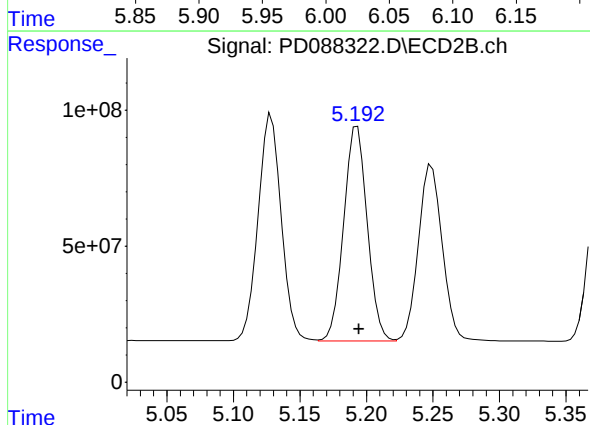
#11 alpha-Chlordane

R.T.: 6.031 min
Delta R.T.: 0.003 min
Response: 200395505
Conc: 55.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

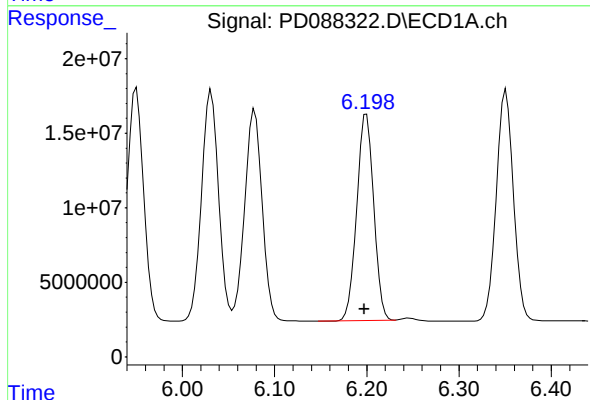
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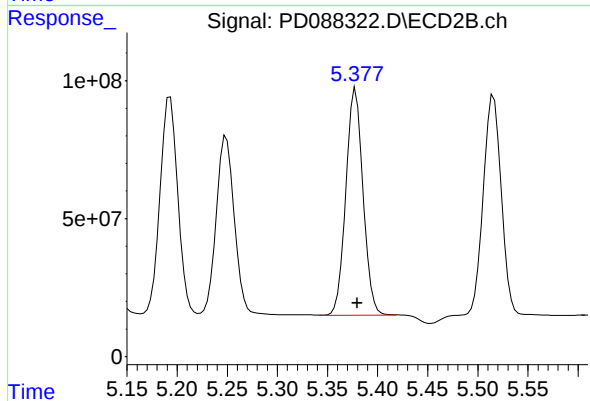
#11 alpha-Chlordane

R.T.: 5.193 min
Delta R.T.: -0.001 min
Response: 972914236
Conc: 49.63 ng/ml



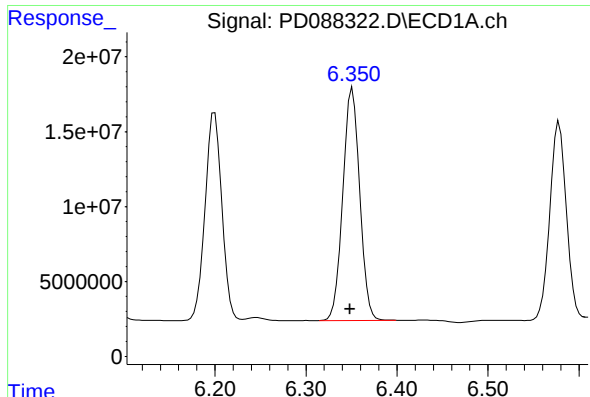
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.003 min
Response: 176839958
Conc: 53.62 ng/ml



#12 4,4'-DDE

R.T.: 5.377 min
Delta R.T.: -0.003 min
Response: 981081220
Conc: 49.82 ng/ml m



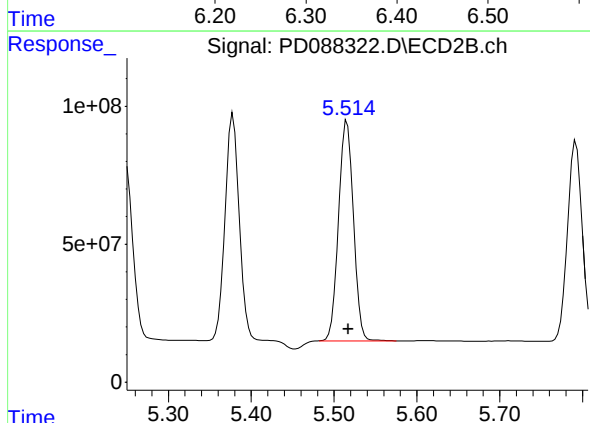
#13 Dieldrin

R.T.: 6.351 min
Delta R.T.: 0.002 min
Response: 200271707
Conc: 56.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

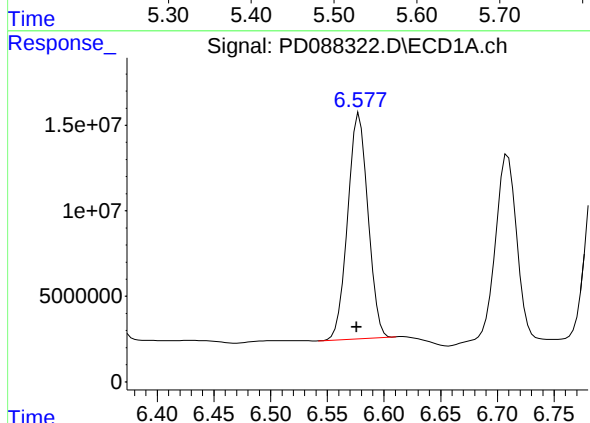
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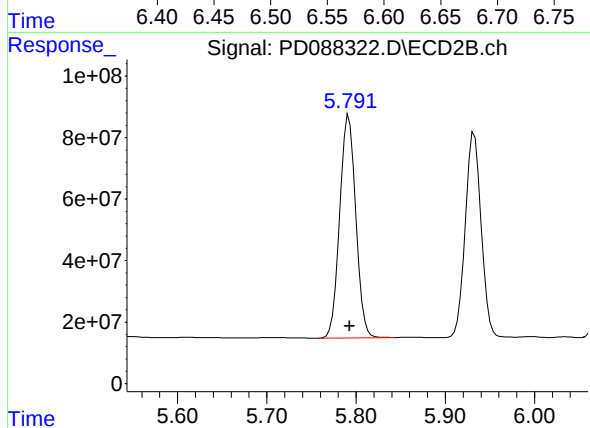
#13 Dieldrin

R.T.: 5.516 min
Delta R.T.: -0.001 min
Response: 997083262
Conc: 50.02 ng/ml



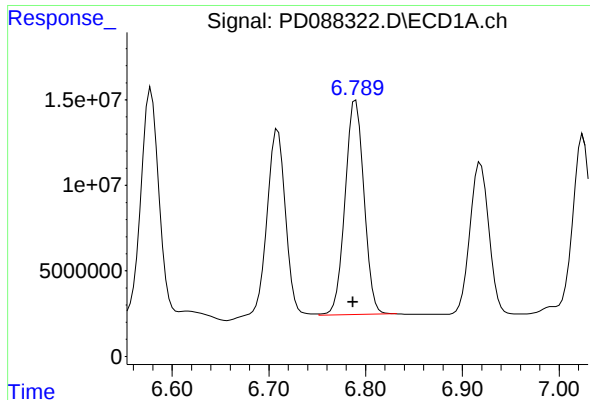
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.002 min
Response: 164334038
Conc: 55.10 ng/ml



#14 Endrin

R.T.: 5.792 min
Delta R.T.: -0.001 min
Response: 906150991
Conc: 49.78 ng/ml



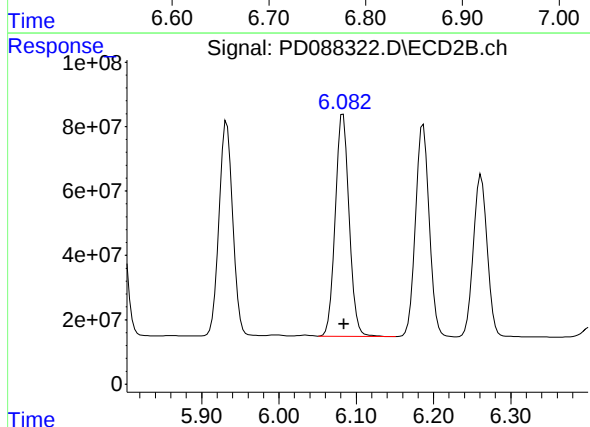
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: 0.003 min
Response: 169604724
Conc: 54.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

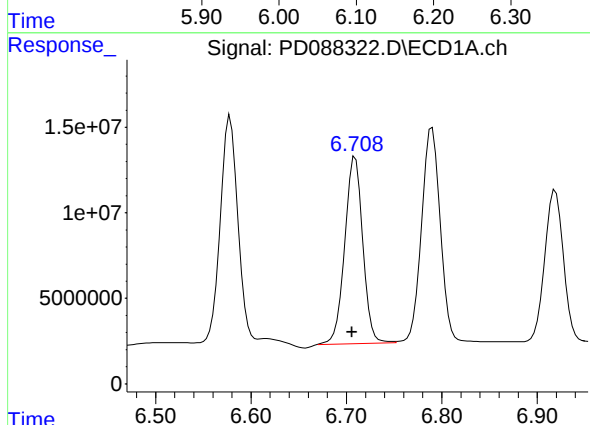
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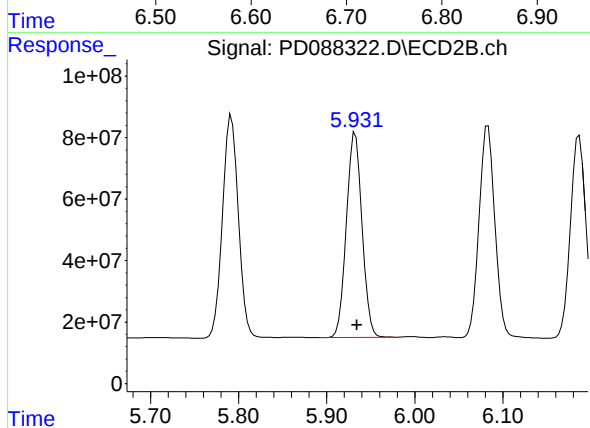
#15 Endosulfan II

R.T.: 6.083 min
Delta R.T.: -0.001 min
Response: 863695556
Conc: 49.29 ng/ml



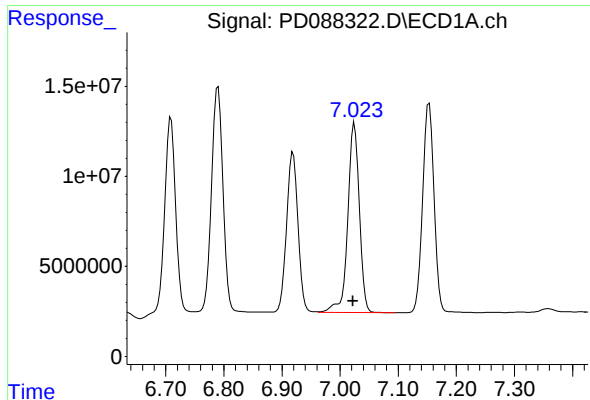
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.003 min
Response: 144421018
Conc: 57.42 ng/ml



#16 4,4'-DDD

R.T.: 5.932 min
Delta R.T.: -0.002 min
Response: 823638469
Conc: 50.26 ng/ml



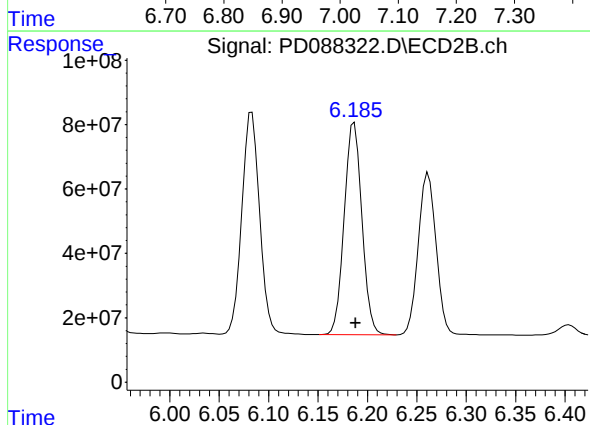
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.003 min
Response: 144546925
Conc: 52.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

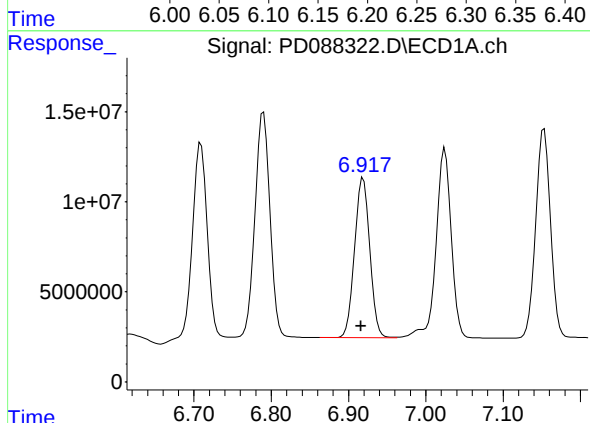
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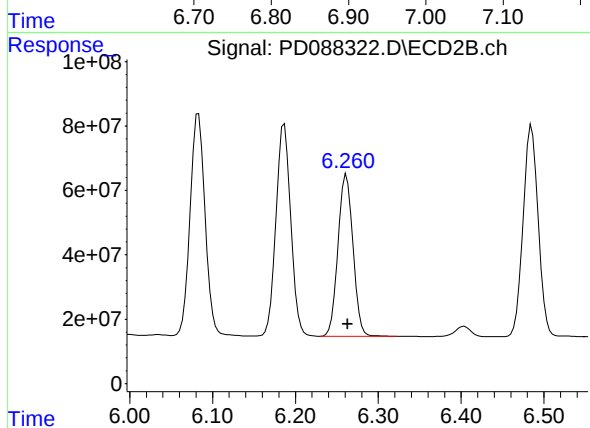
#17 4,4'-DDT

R.T.: 6.187 min
Delta R.T.: -0.001 min
Response: 820306248
Conc: 48.21 ng/ml



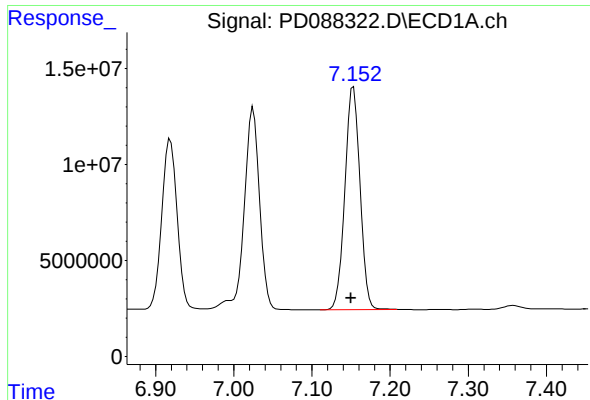
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: 0.003 min
Response: 121296017
Conc: 52.55 ng/ml



#18 Endrin aldehyde

R.T.: 6.262 min
Delta R.T.: -0.001 min
Response: 631104513
Conc: 47.45 ng/ml



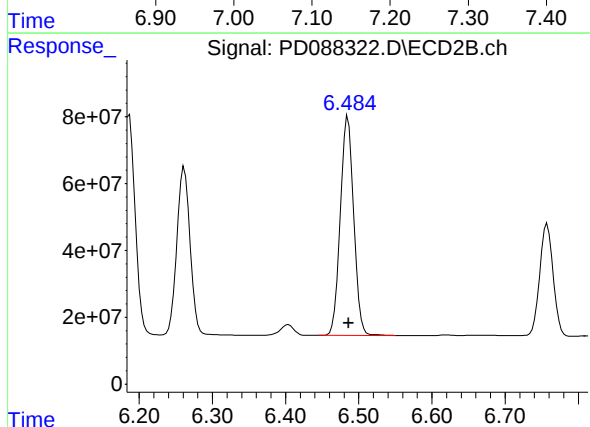
#19 Endosulfan Sulfate

R.T.: 7.153 min
Delta R.T.: 0.003 min
Response: 155696135
Conc: 54.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

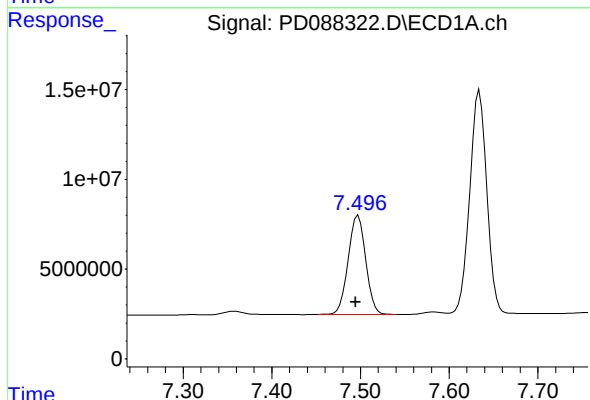
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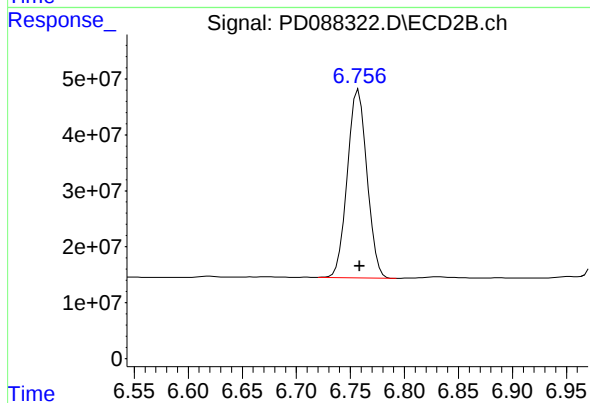
#19 Endosulfan Sulfate

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 835092131
Conc: 48.74 ng/ml



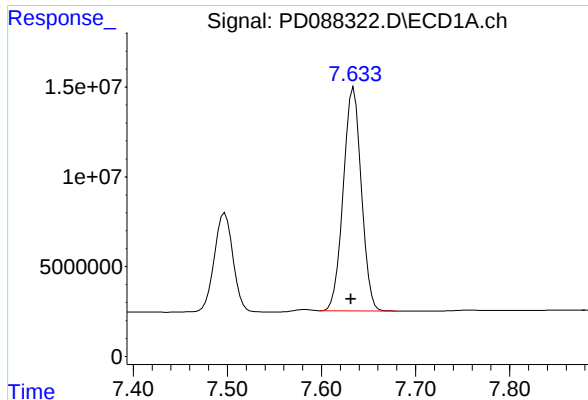
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: 0.003 min
Response: 75773465
Conc: 50.53 ng/ml



#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: -0.001 min
Response: 426197660
Conc: 46.73 ng/ml



#21 Endrin ketone

R.T.: 7.634 min
Delta R.T.: 0.003 min
Response: 165888479
Conc: 53.75 ng/ml

Instrument :

ECD_D

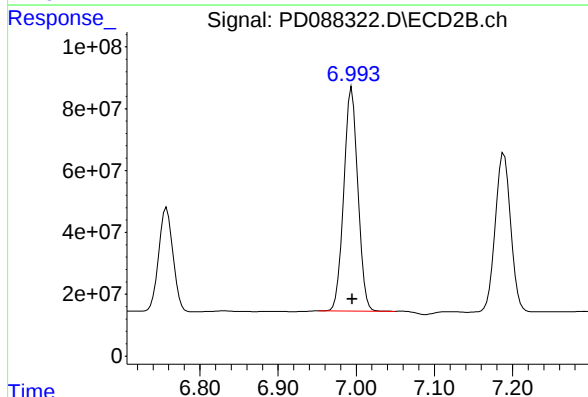
ClientSampleId :

PSTDCCC050

Manual Integrations

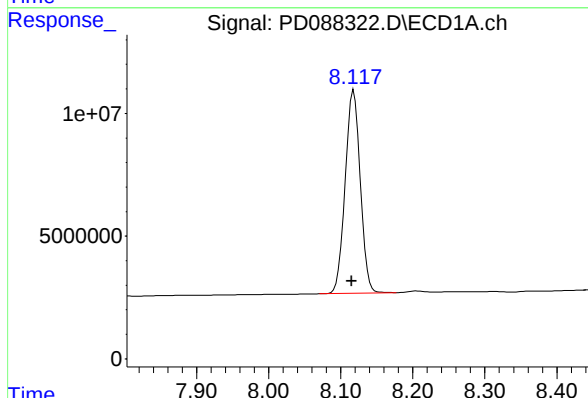
APPROVED

Reviewed By :Abdul Mirza 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



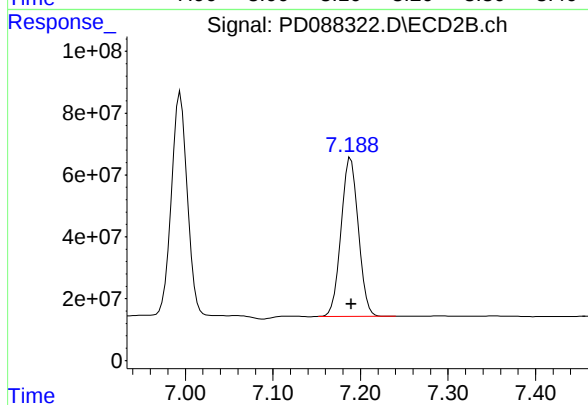
#21 Endrin ketone

R.T.: 6.994 min
Delta R.T.: 0.000 min
Response: 904393485
Conc: 48.35 ng/ml



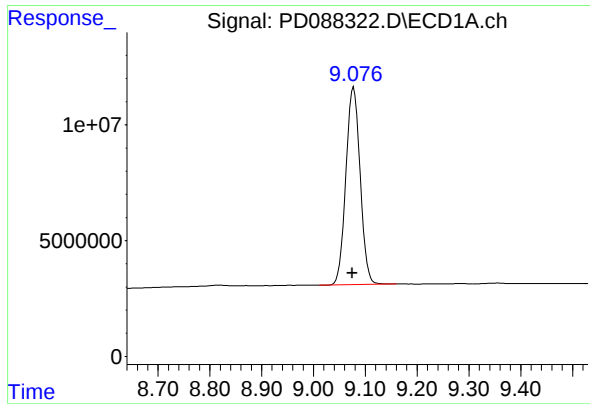
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.003 min
Response: 120326717
Conc: 51.24 ng/ml



#22 Mirex

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 703633642
Conc: 47.48 ng/ml



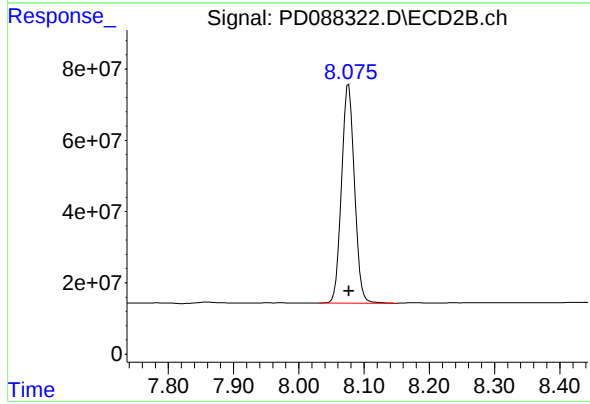
#28 Decachlorobiphenyl

R.T.: 9.078 min
Delta R.T.: 0.003 min
Response: 163139506
Conc: 49.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



#28 Decachlorobiphenyl

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 844196583
Conc: 45.68 ng/ml