

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
 Data File : PD088642.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 13:11
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 05/21/2025

Supervised By :mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 03:31:54 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	2.882	122.9E6	845.7E6	56.822	55.910
28)	SA Decachlor...	9.076	8.075	176.9E6	885.8E6	51.678	48.520
Target Compounds							
2)	A alpha-BHC	4.001	3.394	252.6E6	1221.3E6	52.879	51.091
3)	MA gamma-BHC...	4.332	3.731	240.0E6	1119.5E6	52.145	50.505
4)	MA Heptachlor	4.932	4.084	227.2E6	1103.1E6	50.804	49.124
5)	MB Aldrin	5.273	4.370	226.3E6	1117.6E6	51.506	50.964
6)	B beta-BHC	4.517	4.026	91829443	491.9E6	50.927	50.489
7)	B delta-BHC	4.766	4.264	232.5E6	1129.8E6	55.007	50.677
8)	B Heptachlo...	5.693	4.874	197.9E6	984.3E6	49.863	49.533
9)	A Endosulfan I	6.076	5.249	185.8E6	877.7E6	49.388	46.249
10)	B gamma-Chl...	5.948	5.128	199.6E6	1062.9E6	50.032	49.828
11)	B alpha-Chl...	6.029	5.192	198.7E6	1009.3E6	49.607	48.935
12)	B 4,4'-DDE	6.198	5.376	176.7E6	1018.8E6	49.215	48.742m
13)	MA Dieldrin	6.349	5.515	199.3E6	1017.3E6	49.682	48.342
14)	MA Endrin	6.577	5.791	166.1E6	930.6E6	48.649	48.256
15)	B Endosulfa...	6.788	6.082	161.1E6	891.1E6	46.787	48.636
16)	A 4,4'-DDD	6.707	5.931	141.6E6	871.1E6	50.824	50.084
17)	MA 4,4'-DDT	7.023	6.186	132.8E6	801.6E6	42.545	44.195
18)	B Endrin al...	6.918	6.260	117.5E6	649.1E6	45.631	46.600
19)	B Endosulfa...	7.152	6.484	154.9E6	829.6E6	48.349	46.723
20)	A Methoxychlor	7.495	6.756	69657622	428.6E6	41.697	44.766
21)	B Endrin ke...	7.632	6.993	162.2E6	896.3E6	47.392	46.325
22)	Mirex	8.116	7.187	117.9E6	695.5E6	45.379	45.747

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
Data File : PD088642.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 13:11
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

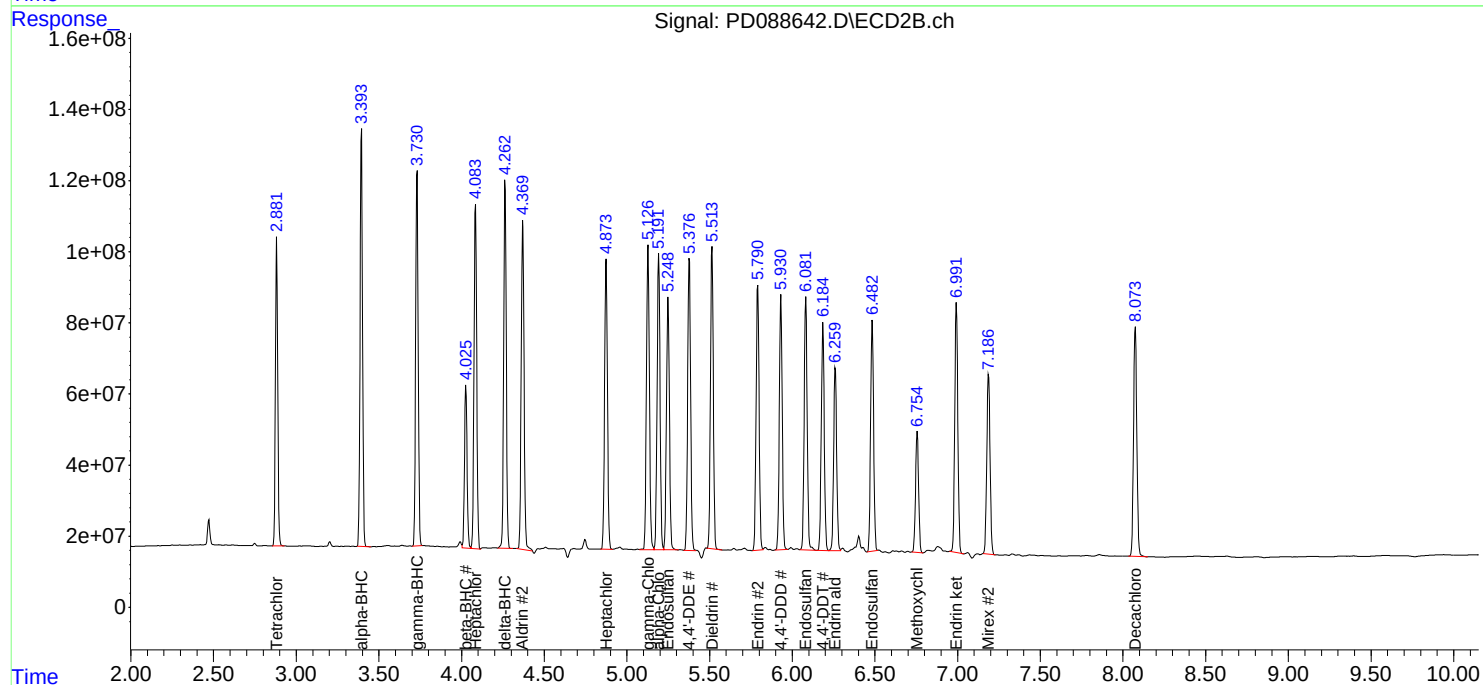
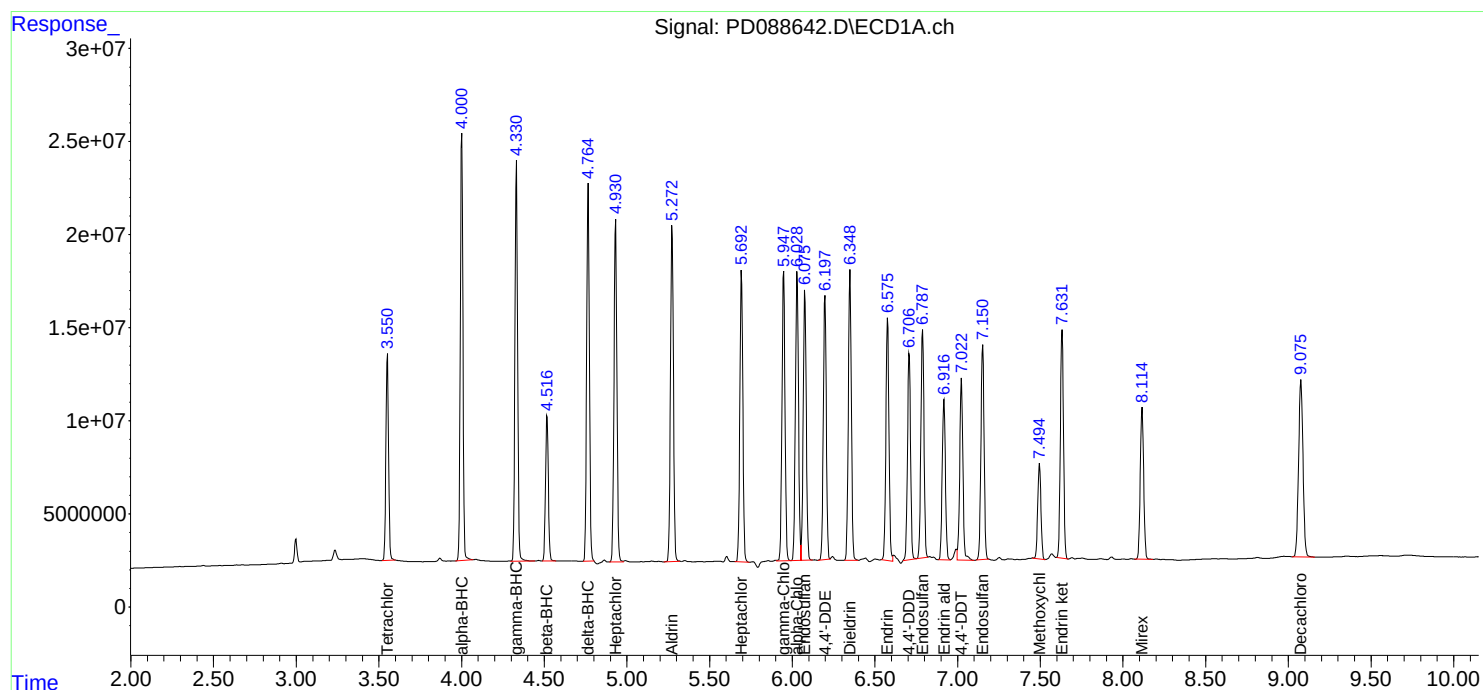
APPROVED

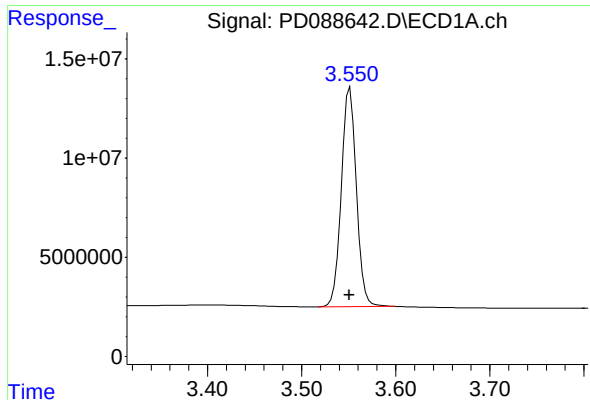
Reviewed By :Abdul Mirza 05/21/2025

Supervised By :mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 03:31:54 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.: 3.551 min
Delta R.T.: 0.000 min
Response: 122947737
Conc: 56.82 ng/ml

Instrument :

ECD_D

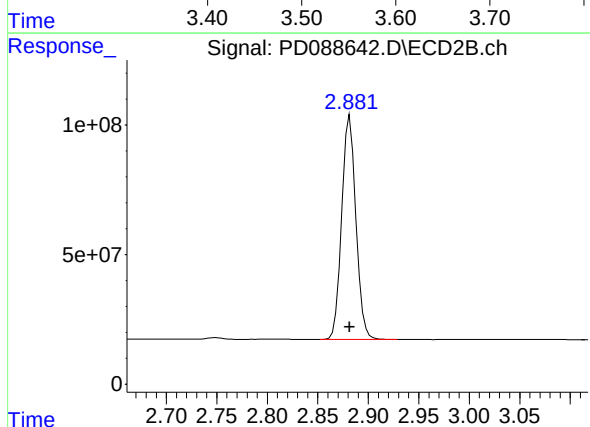
ClientSampleId :

PSTDCCC050

Manual Integrations

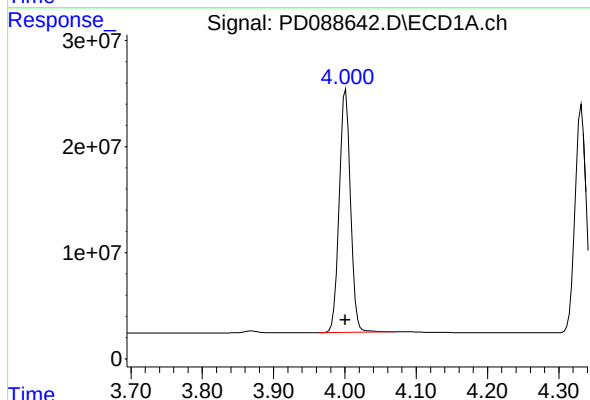
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Reviewed By :Abdul Mirza 05/21/2025
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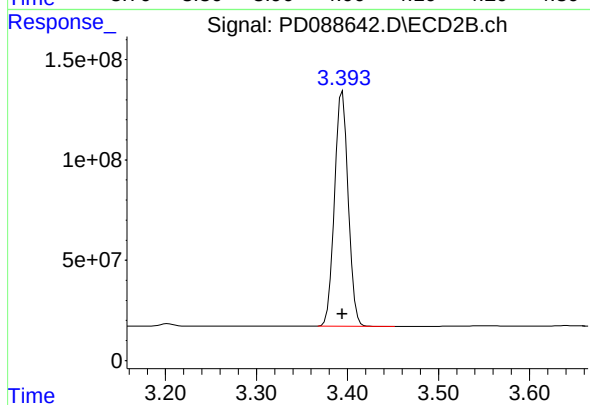
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 845741730
Conc: 55.91 ng/ml



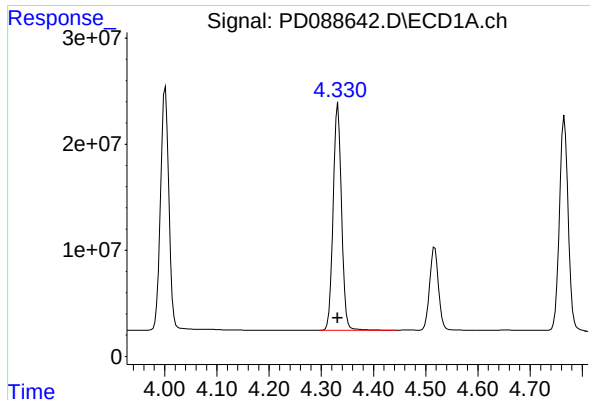
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 252578278
Conc: 52.88 ng/ml



#2 alpha-BHC

R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 1221273975
Conc: 51.09 ng/ml



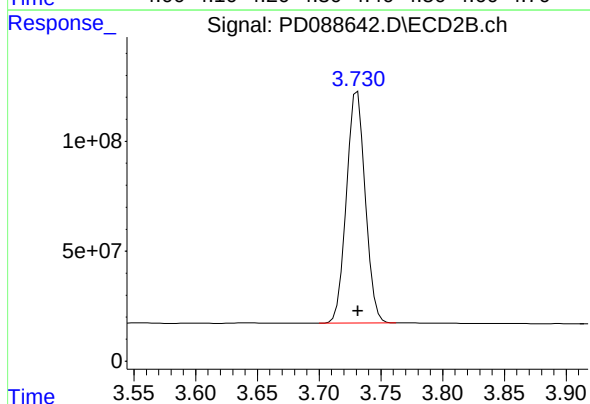
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 240008993
Conc: 52.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

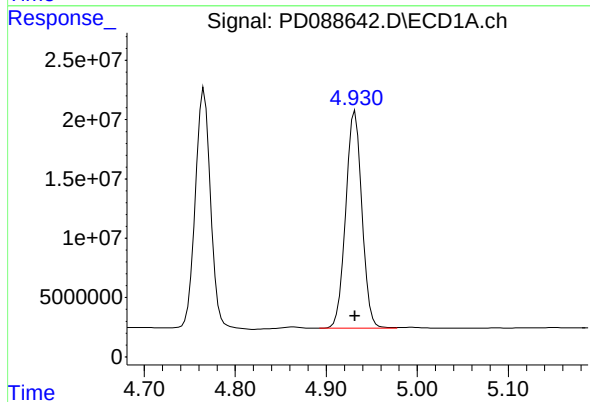
Manual Integrations
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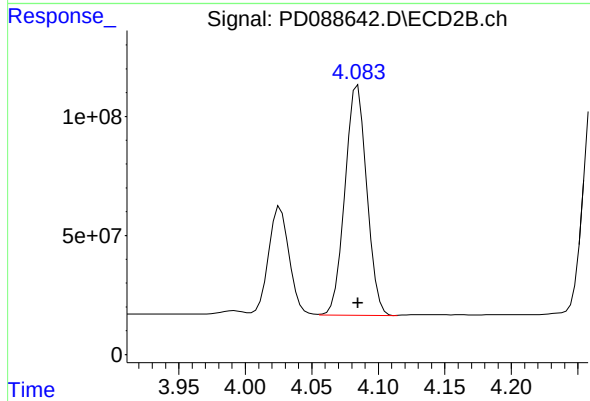
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: 0.000 min
Response: 1119477794
Conc: 50.50 ng/ml



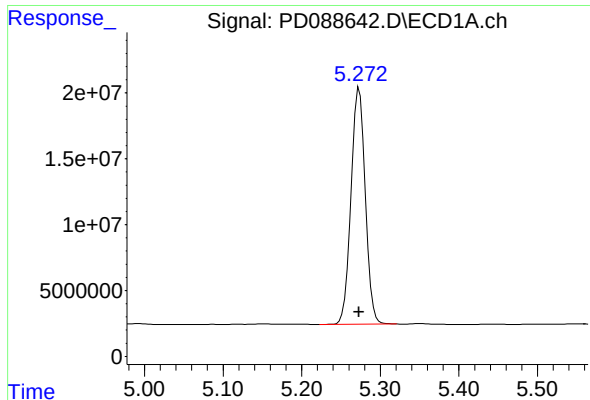
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 227156195
Conc: 50.80 ng/ml



#4 Heptachlor

R.T.: 4.084 min
Delta R.T.: 0.000 min
Response: 1103070669
Conc: 49.12 ng/ml



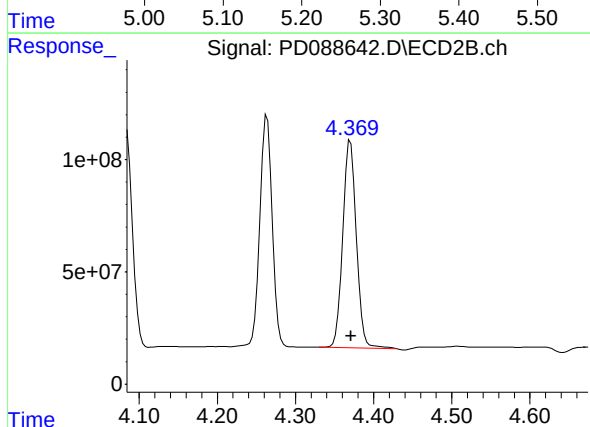
#5 Aldrin

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 226343814
Conc: 51.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

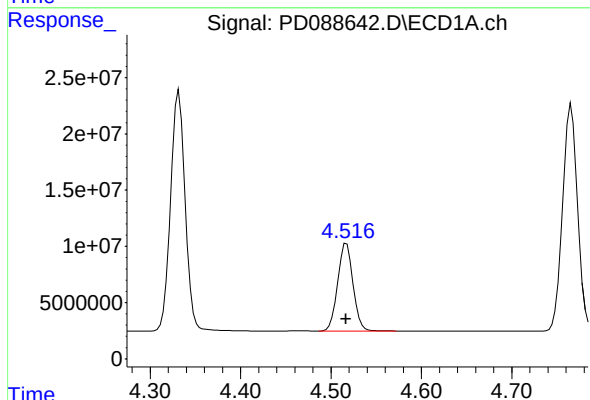
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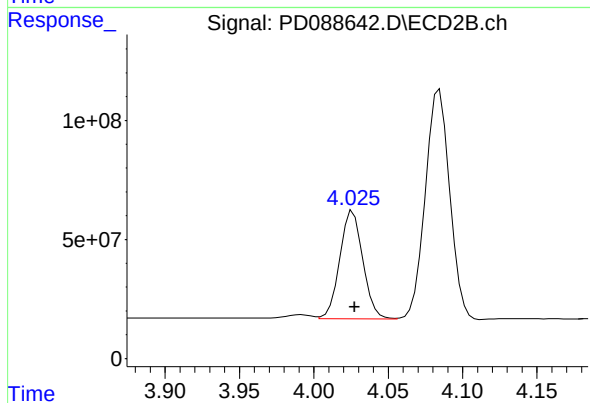
#5 Aldrin

R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 1117628091
Conc: 50.96 ng/ml



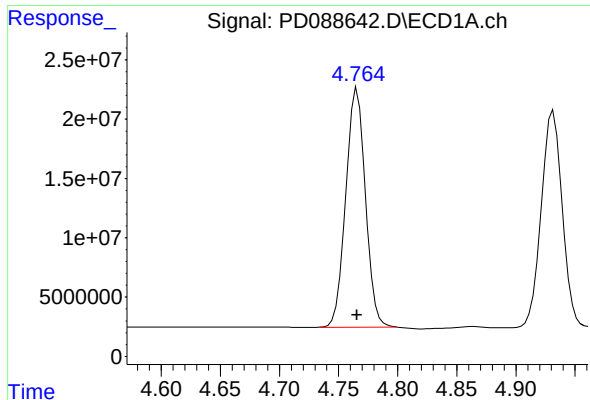
#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 91829443
Conc: 50.93 ng/ml



#6 beta-BHC

R.T.: 4.026 min
Delta R.T.: -0.001 min
Response: 491858657
Conc: 50.49 ng/ml



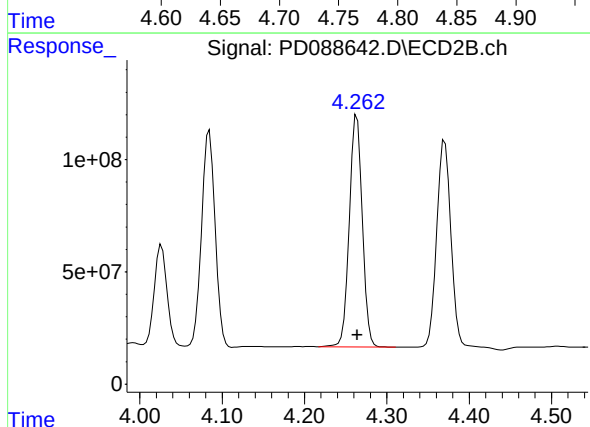
#7 delta-BHC

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 232468700
Conc: 55.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

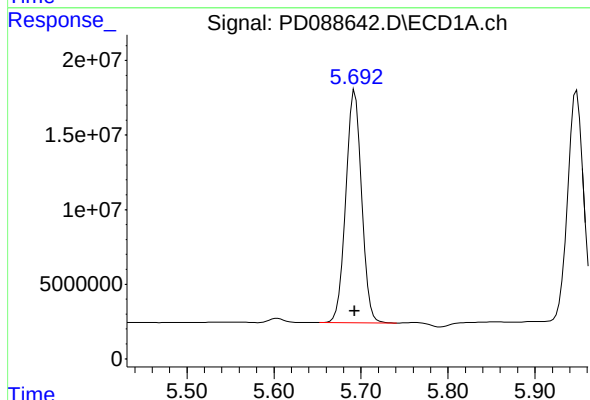
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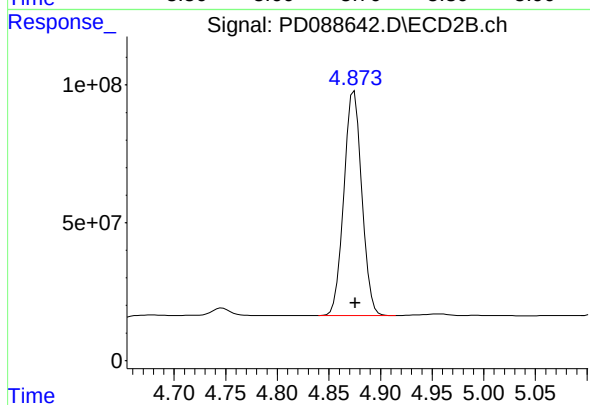
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 1129809727
Conc: 50.68 ng/ml



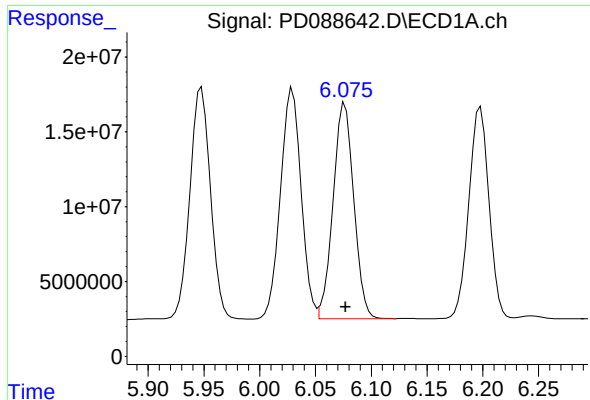
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 197919384
Conc: 49.86 ng/ml



#8 Heptachlor epoxide

R.T.: 4.874 min
Delta R.T.: 0.000 min
Response: 984287215
Conc: 49.53 ng/ml



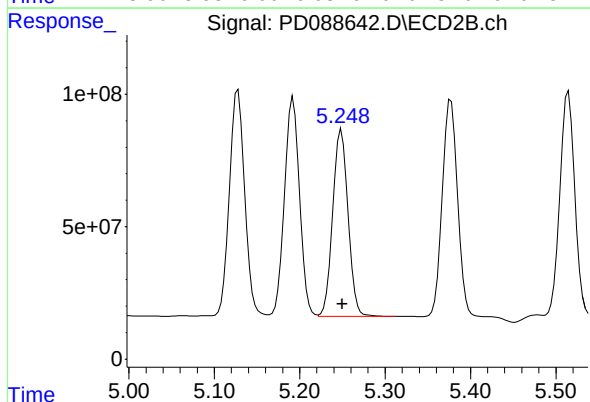
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 185841461
Conc: 49.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

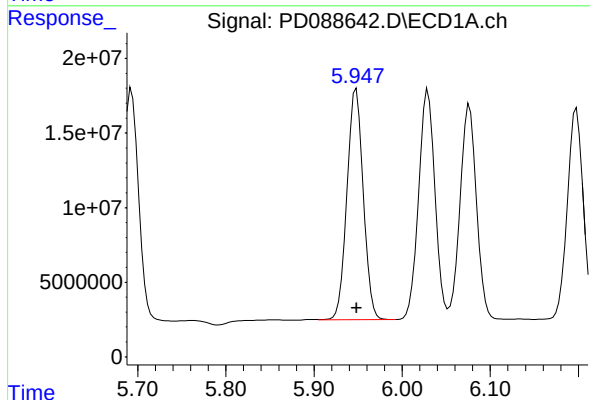
Manual Integrations
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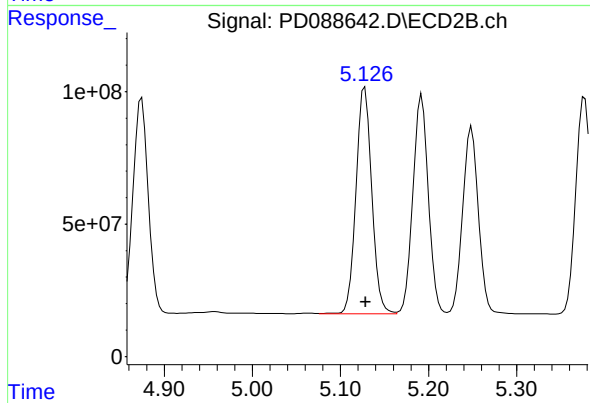
#9 Endosulfan I

R.T.: 5.249 min
Delta R.T.: -0.001 min
Response: 877727806
Conc: 46.25 ng/ml



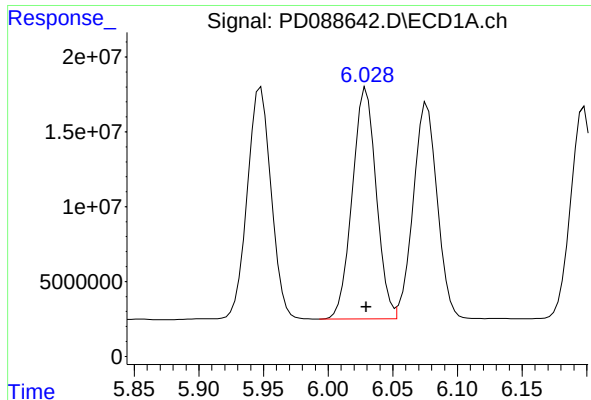
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 199573160
Conc: 50.03 ng/ml



#10 gamma-Chlordane

R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 1062924069
Conc: 49.83 ng/ml



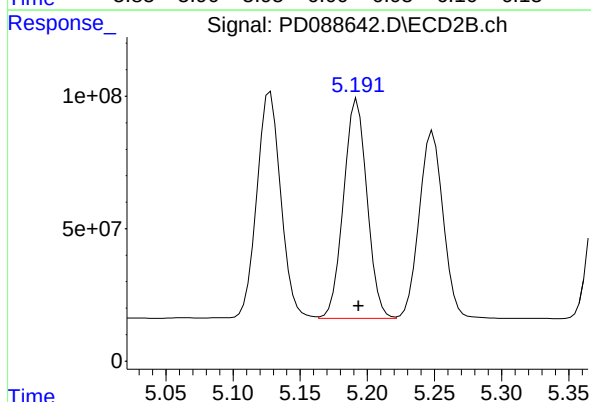
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 198738601
Conc: 49.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

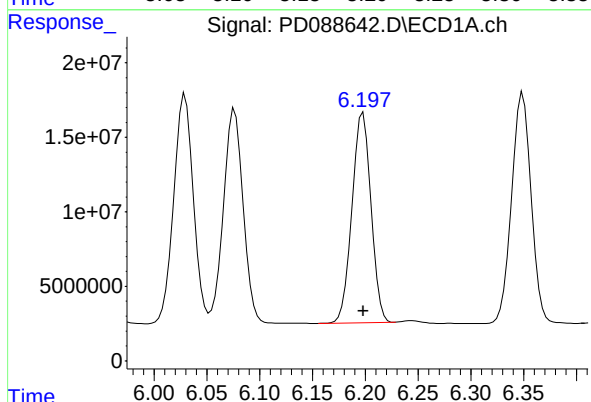
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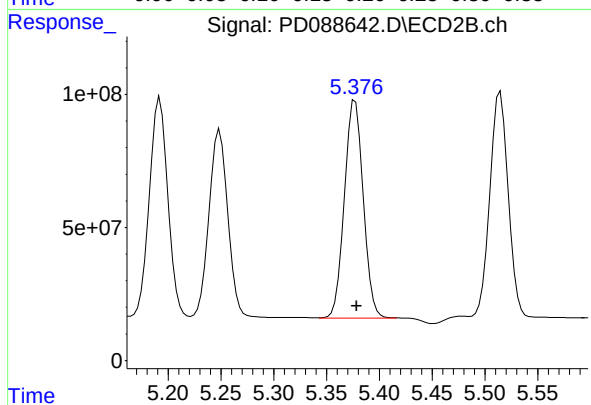
#11 alpha-Chlordane

R.T.: 5.192 min
Delta R.T.: -0.001 min
Response: 1009284925
Conc: 48.94 ng/ml



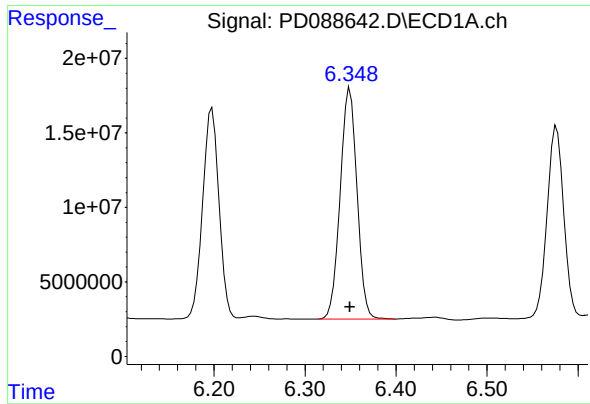
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 176651679
Conc: 49.22 ng/ml



#12 4,4'-DDE

R.T.: 5.376 min
Delta R.T.: -0.003 min
Response: 1018834082
Conc: 48.74 ng/ml m



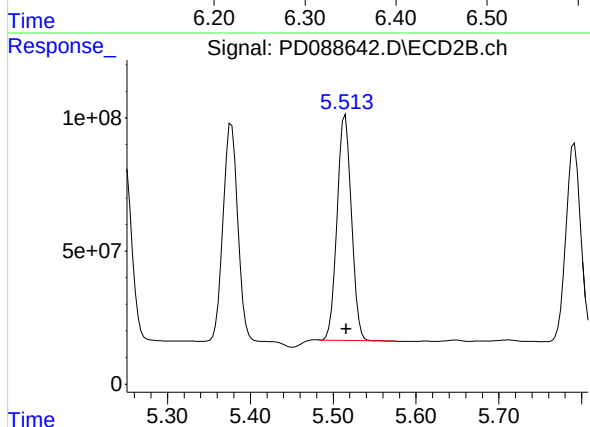
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 199312292
Conc: 49.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

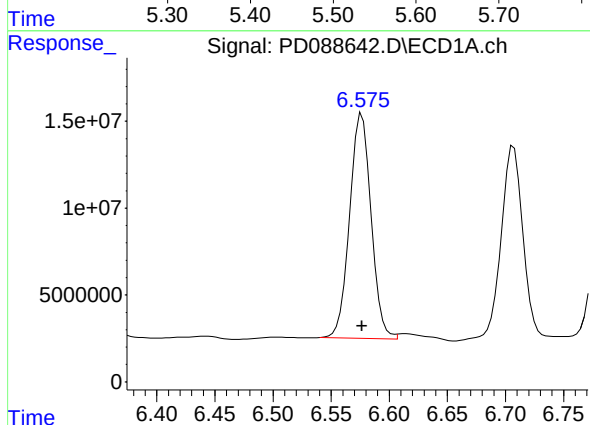
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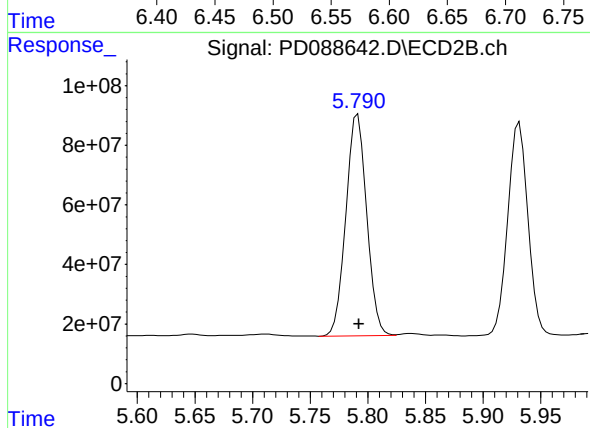
#13 Dieldrin

R.T.: 5.515 min
Delta R.T.: -0.001 min
Response: 1017304951
Conc: 48.34 ng/ml



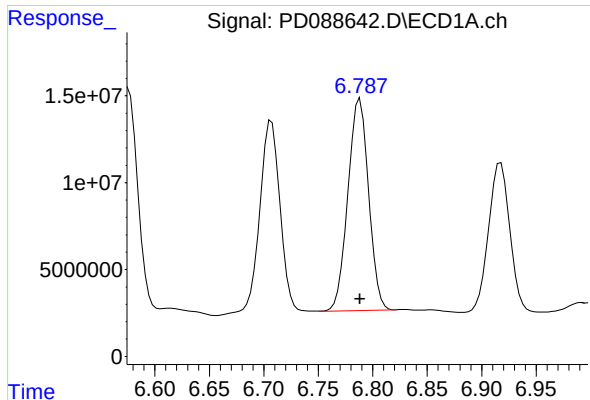
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 166143250
Conc: 48.65 ng/ml



#14 Endrin

R.T.: 5.791 min
Delta R.T.: -0.001 min
Response: 930574929
Conc: 48.26 ng/ml



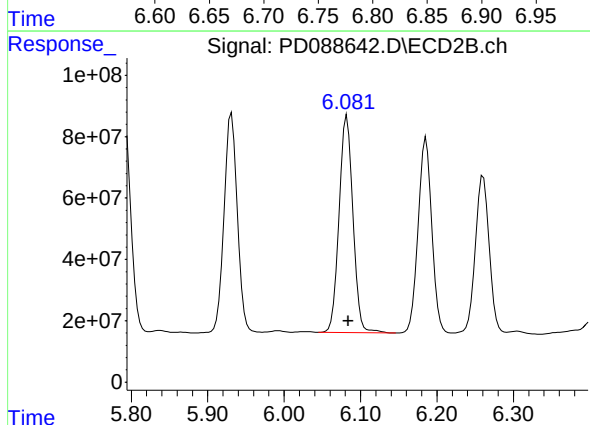
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: 0.000 min
Response: 161114345
Conc: 46.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

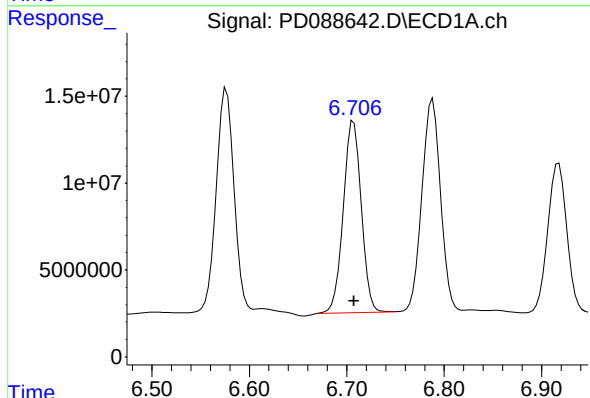
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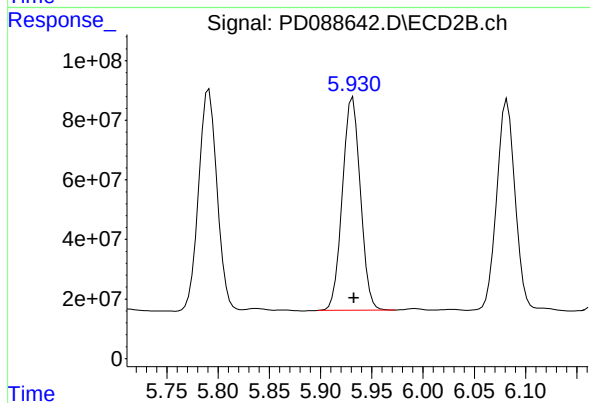
#15 Endosulfan II

R.T.: 6.082 min
Delta R.T.: -0.002 min
Response: 891098394
Conc: 48.64 ng/ml



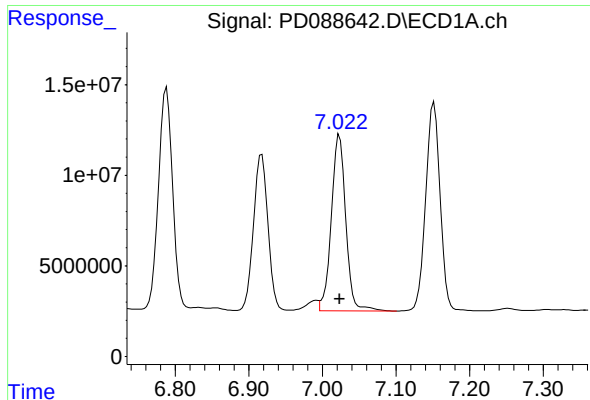
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 141551143
Conc: 50.82 ng/ml



#16 4,4'-DDD

R.T.: 5.931 min
Delta R.T.: -0.001 min
Response: 871079919
Conc: 50.08 ng/ml



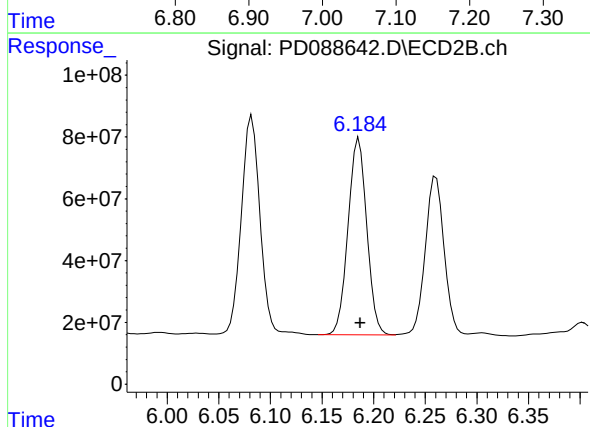
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 132827264
Conc: 42.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

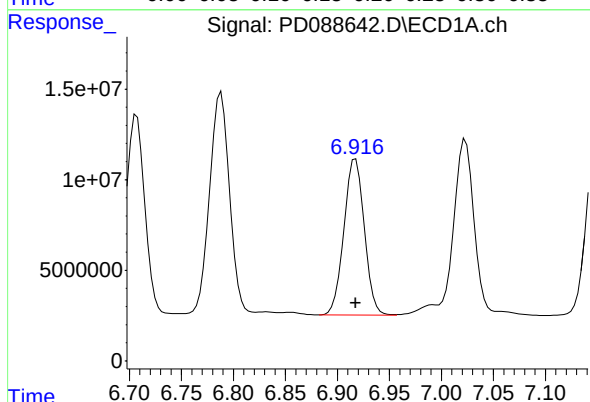
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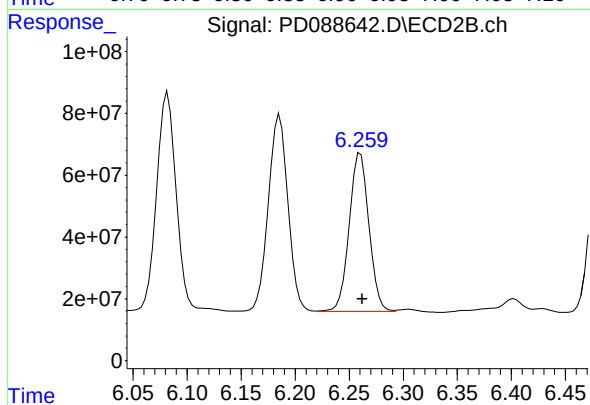
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: -0.001 min
Response: 801585548
Conc: 44.20 ng/ml



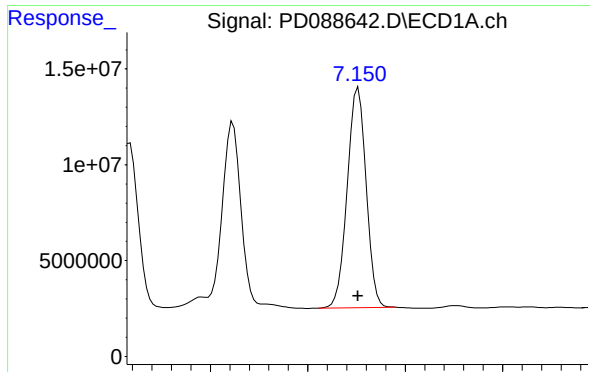
#18 Endrin aldehyde

R.T.: 6.918 min
Delta R.T.: 0.000 min
Response: 117482572
Conc: 45.63 ng/ml



#18 Endrin aldehyde

R.T.: 6.260 min
Delta R.T.: -0.002 min
Response: 649079550
Conc: 46.60 ng/ml



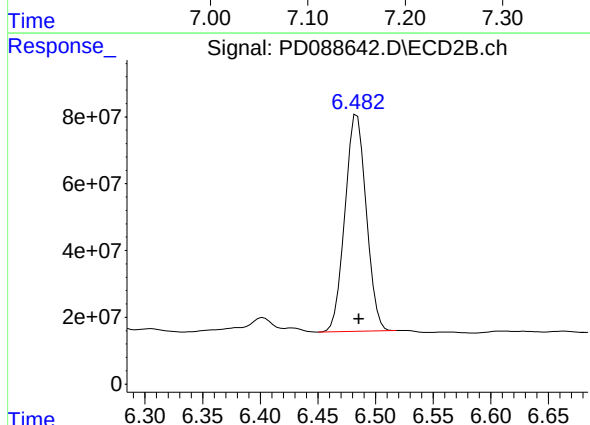
#19 Endosulfan Sulfate

R.T.: 7.152 min
Delta R.T.: 0.000 min
Response: 154865492
Conc: 48.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

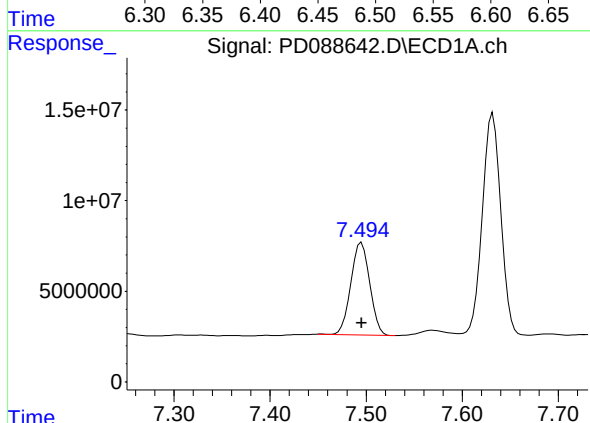
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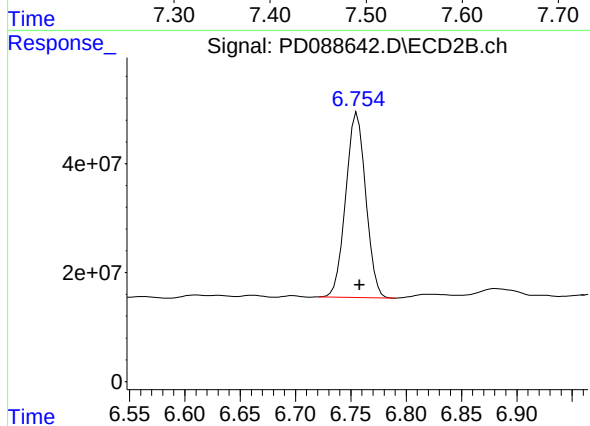
#19 Endosulfan Sulfate

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 829608613
Conc: 46.72 ng/ml



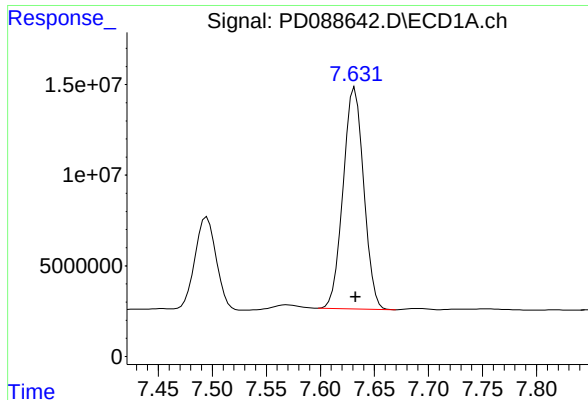
#20 Methoxychlor

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 69657622
Conc: 41.70 ng/ml



#20 Methoxychlor

R.T.: 6.756 min
Delta R.T.: -0.002 min
Response: 428623332
Conc: 44.77 ng/ml



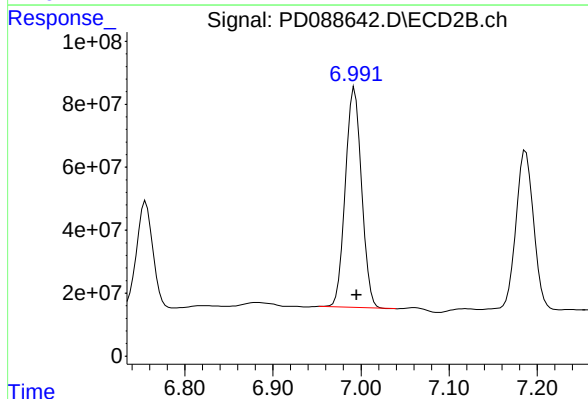
#21 Endrin ketone

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 162229037
Conc: 47.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

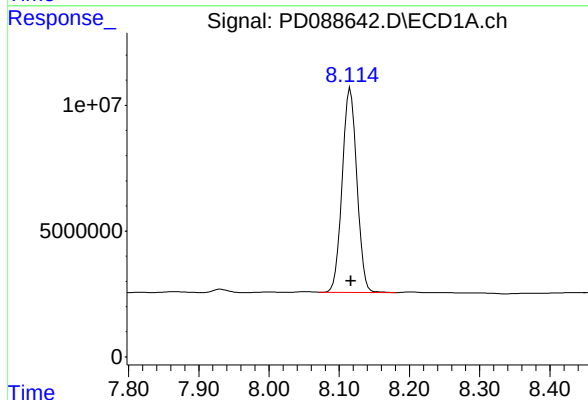
Manual Integrations
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Reviewed By :Abdul Mirza 05/21/2025
Supervised By :mohammad ahmed 05/22/2025



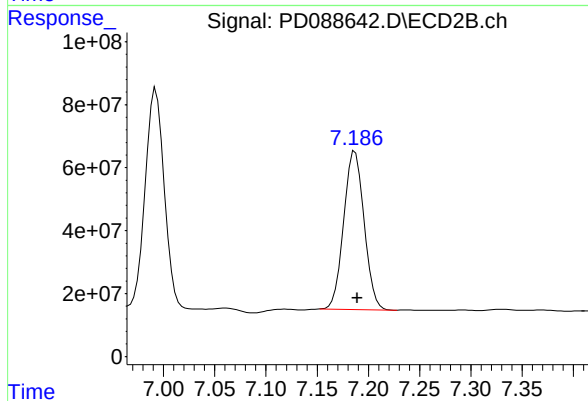
#21 Endrin ketone

R.T.: 6.993 min
Delta R.T.: -0.002 min
Response: 896265341
Conc: 46.32 ng/ml



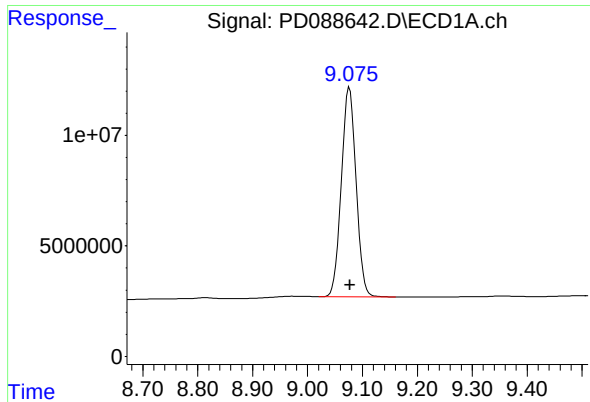
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 117906277
Conc: 45.38 ng/ml



#22 Mirex

R.T.: 7.187 min
Delta R.T.: -0.002 min
Response: 695464611
Conc: 45.75 ng/ml



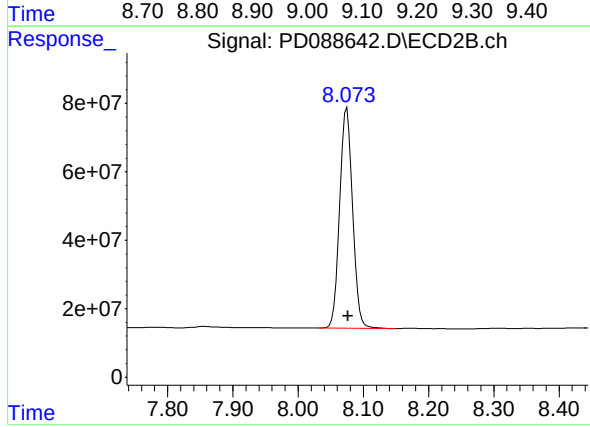
#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: -0.001 min
Response: 176860064
Conc: 51.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 05/22/2025



#28 Decachlorobiphenyl

R.T.: 8.075 min
Delta R.T.: -0.002 min
Response: 885801420
Conc: 48.52 ng/ml