

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051225\
 Data File : PD088495.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2025 02:17
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 05/13/2025

Supervised By :mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 03:31:06 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 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...	3.552	2.883	102.6E6	686.1E6	51.358	46.925
28)	SA Decachlor...	9.074	8.075	158.2E6	758.4E6	47.814	41.037
Target Compounds							
2)	A alpha-BHC	4.001	3.395	232.2E6	1088.4E6	53.849	47.609
3)	MA gamma-BHC...	4.332	3.732	222.8E6	1011.6E6	53.205	46.967
4)	MA Heptachlor	4.932	4.085	221.9E6	1011.4E6	54.939	47.265
5)	MB Aldrin	5.273	4.370	214.6E6	991.2E6	54.334	47.650m
6)	B beta-BHC	4.517	4.027	85906275	437.4E6	52.918	47.267
7)	B delta-BHC	4.765	4.264	220.0E6	1015.4E6	53.339	47.757
8)	B Heptachlo...	5.692	4.875	193.6E6	891.9E6	54.168	47.202
9)	A Endosulfan I	6.076	5.249	181.1E6	760.6E6	53.636	42.224
10)	B gamma-Chl...	5.948	5.128	196.9E6	953.3E6	54.367	46.971
11)	B alpha-Chl...	6.029	5.193	195.2E6	917.0E6	54.070	46.781
12)	B 4,4'-DDE	6.197	5.376	169.9E6	925.7E6	51.501	47.005m
13)	MA Dieldrin	6.349	5.515	191.5E6	935.2E6	53.654	46.918
14)	MA Endrin	6.576	5.791	155.4E6	842.1E6	52.100	46.262
15)	B Endosulfa...	6.787	6.083	161.3E6	809.6E6	51.582	46.207
16)	A 4,4'-DDD	6.706	5.932	135.0E6	766.2E6	53.678	46.759
17)	MA 4,4'-DDT	7.022	6.186	144.5E6	784.9E6	52.040	46.124
18)	B Endrin al...	6.916	6.261	114.7E6	583.4E6	49.710	43.864
19)	B Endosulfa...	7.151	6.484	149.0E6	775.0E6	51.811	45.234
20)	A Methoxychlor	7.494	6.757	76052981	407.0E6	50.717	44.618
21)	B Endrin ke...	7.632	6.994	158.8E6	829.0E6	51.456	44.323
22)	Mirex	8.115	7.188	118.1E6	643.5E6	50.312	43.417

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051225\
Data File : PD088495.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 02:17
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

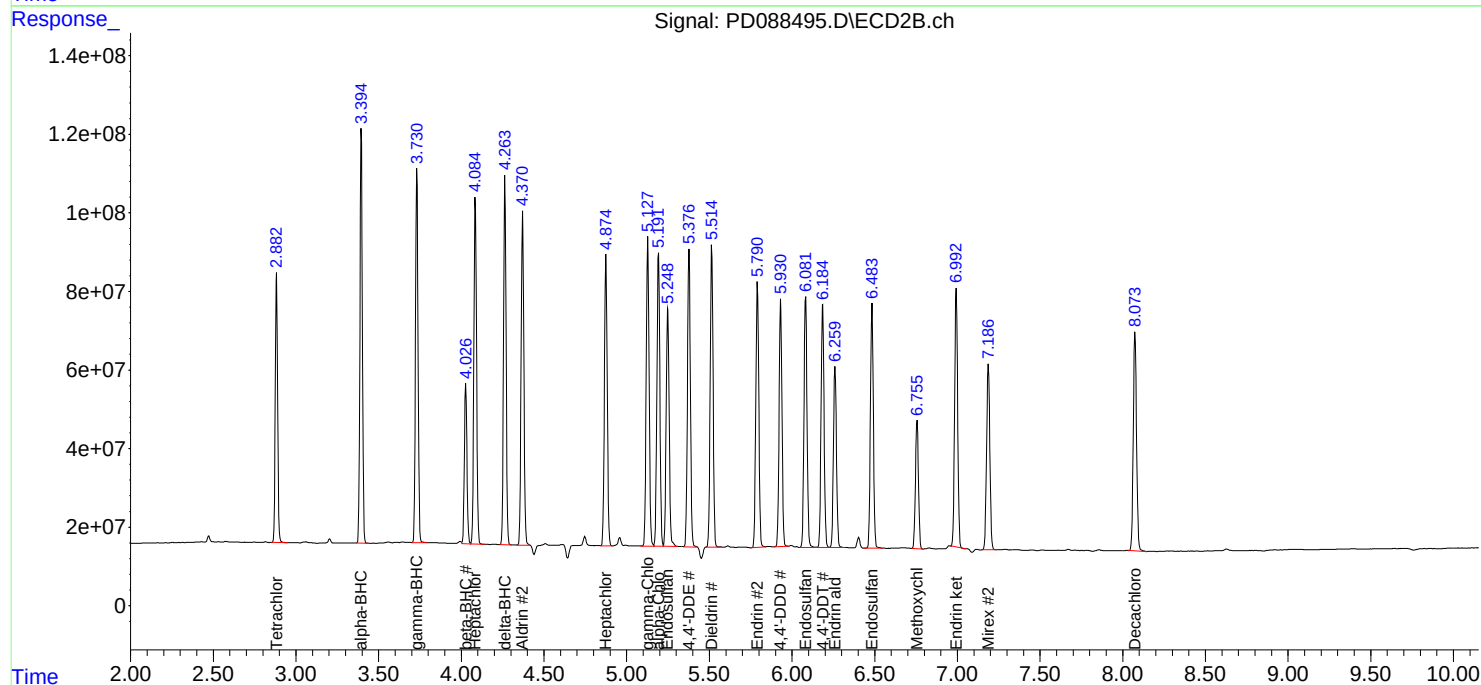
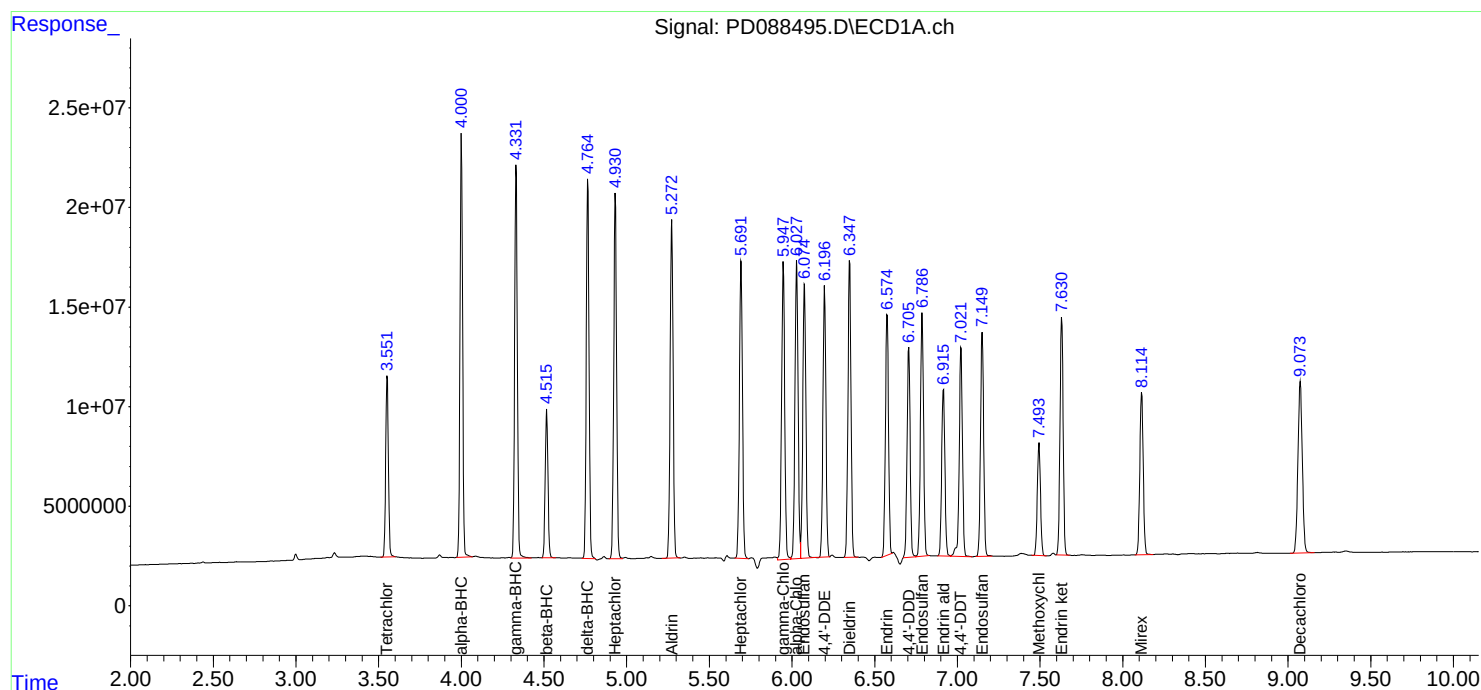
APPROVED

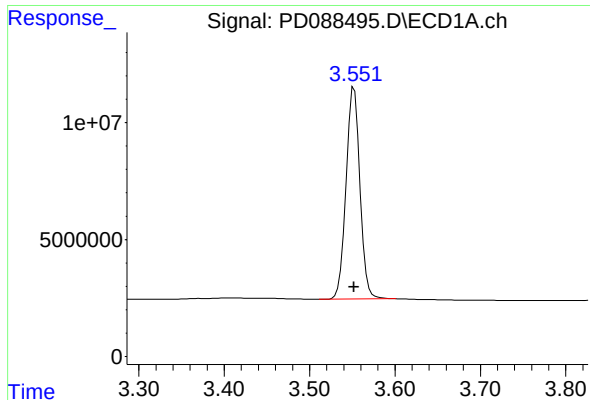
Reviewed By :Abdul Mirza 05/13/2025

Supervised By :mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 03:31:06 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





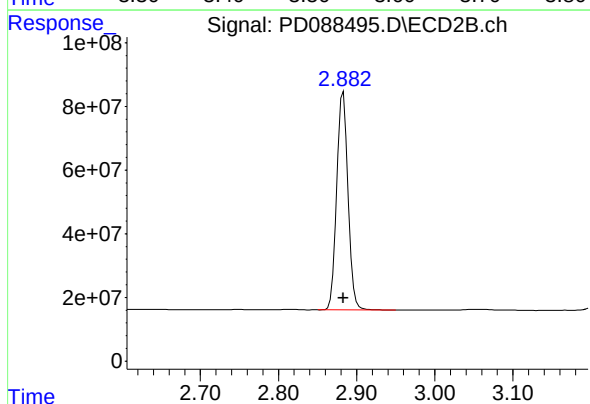
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 102582100
Conc: 51.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

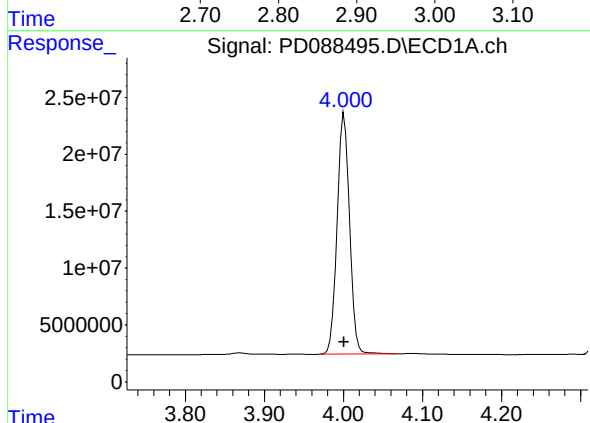
Manual Integrations
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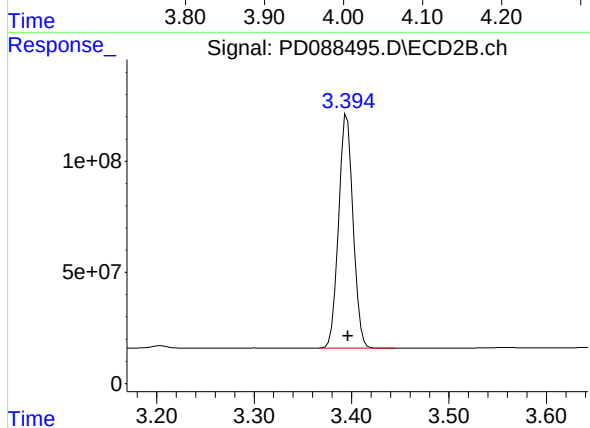
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 686112418
Conc: 46.92 ng/ml



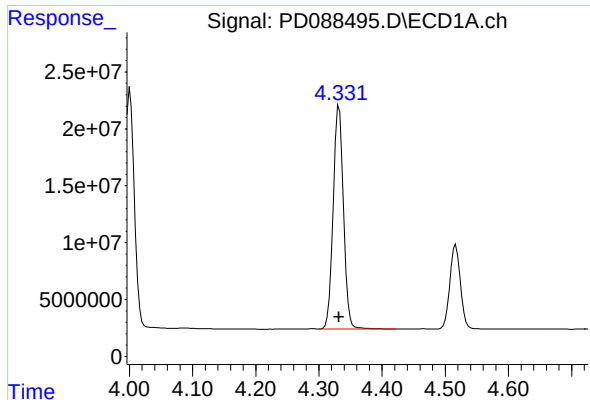
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 232197038
Conc: 53.85 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: 0.000 min
Response: 1088421576
Conc: 47.61 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 222794431
Conc: 53.20 ng/ml

Instrument :

ECD_D

ClientSampleId :

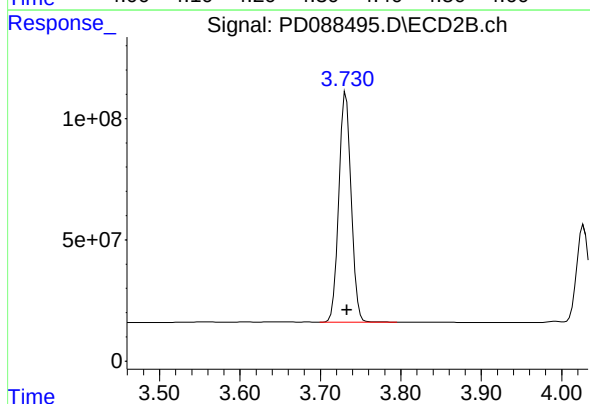
PSTDCCC050

Manual Integrations

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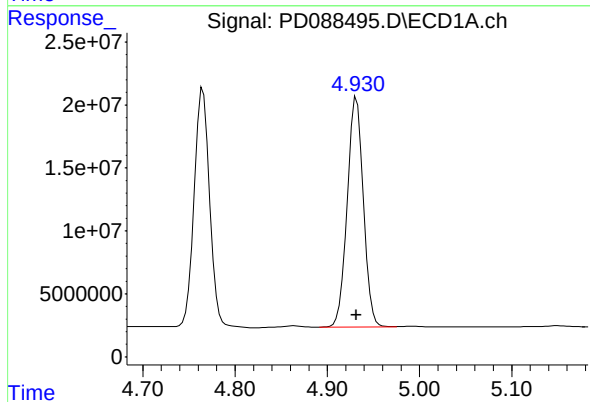
Reviewed By :Abdul Mirza 05/13/2025

Supervised By :mohammad ahmed 05/14/2025



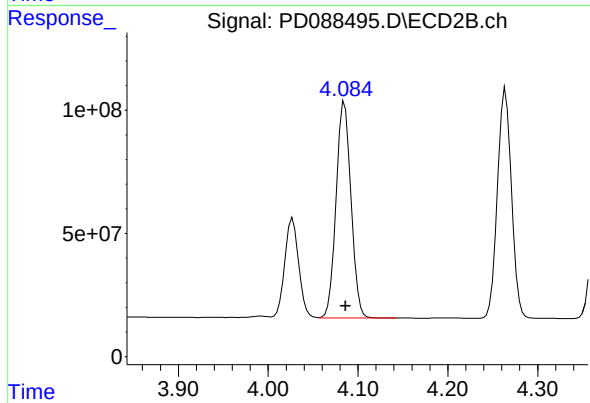
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: -0.001 min
Response: 1011617454
Conc: 46.97 ng/ml



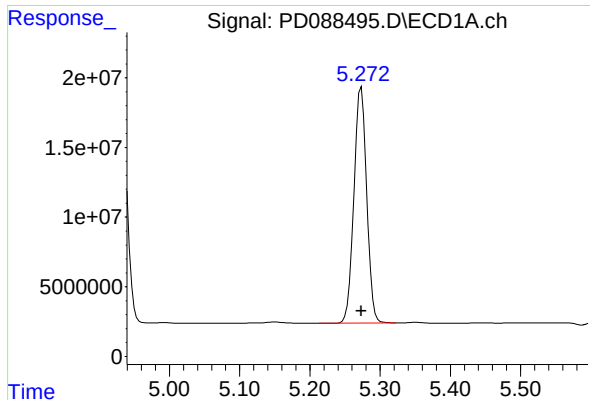
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 221894410
Conc: 54.94 ng/ml



#4 Heptachlor

R.T.: 4.085 min
Delta R.T.: -0.001 min
Response: 1011391852
Conc: 47.27 ng/ml



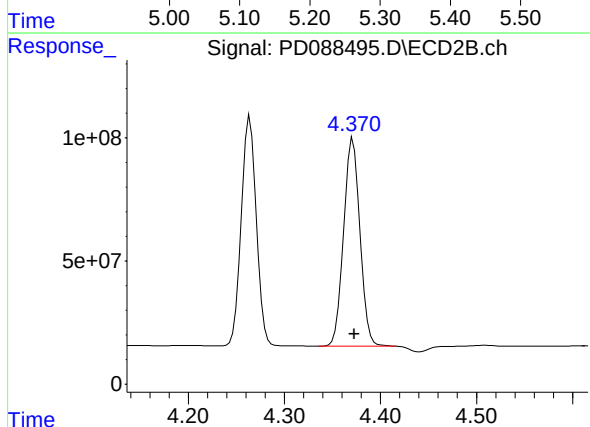
#5 Aldrin

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 214597064
Conc: 54.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

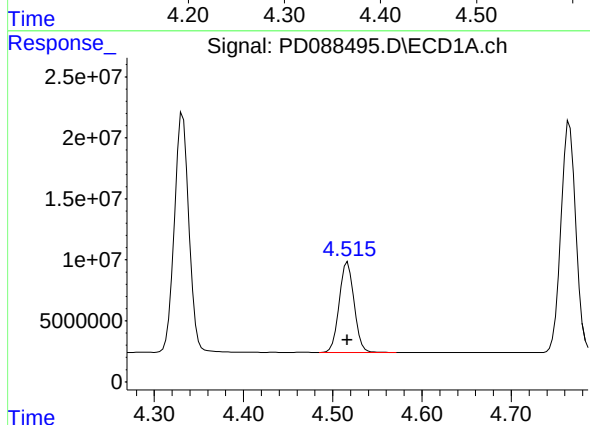
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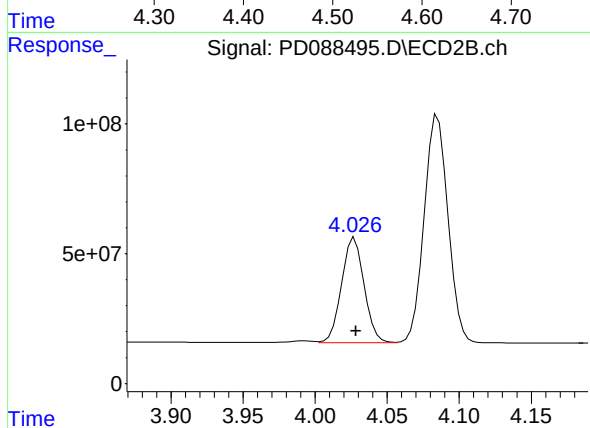
#5 Aldrin

R.T.: 4.370 min
Delta R.T.: -0.003 min
Response: 991242410
Conc: 47.65 ng/ml



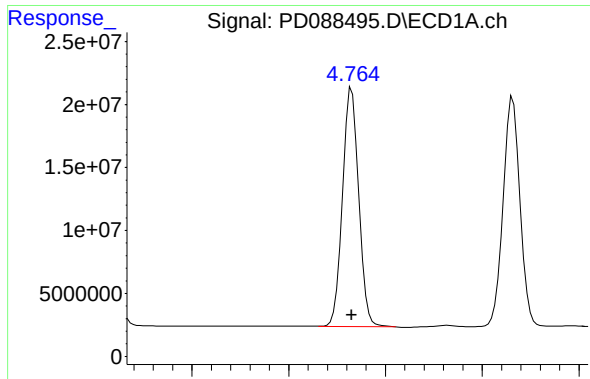
#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 85906275
Conc: 52.92 ng/ml



#6 beta-BHC

R.T.: 4.027 min
Delta R.T.: -0.001 min
Response: 437412768
Conc: 47.27 ng/ml



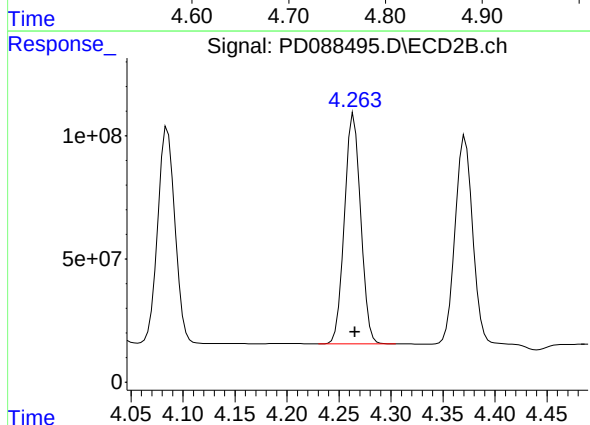
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 220022483
Conc: 53.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

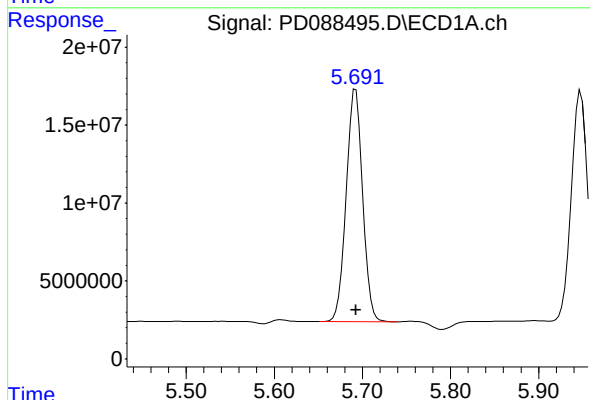
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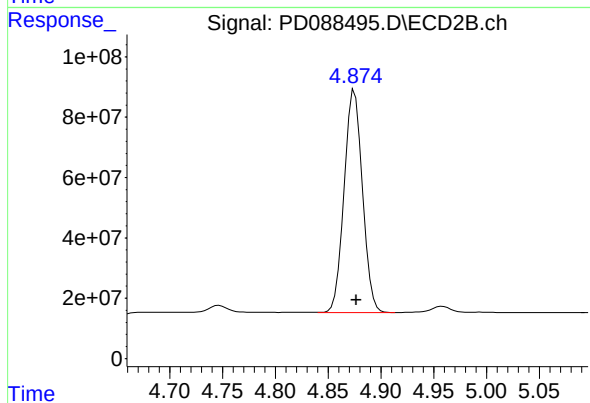
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 1015388440
Conc: 47.76 ng/ml



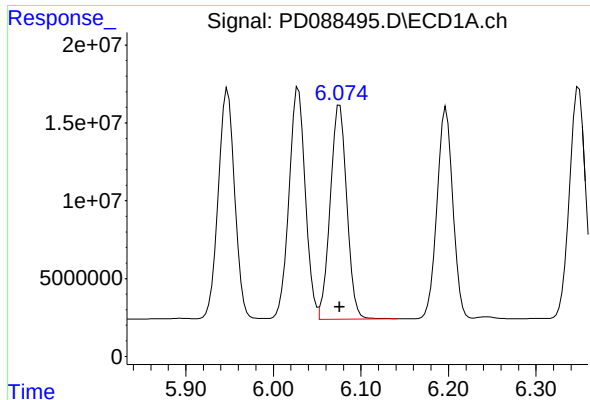
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 193594434
Conc: 54.17 ng/ml



#8 Heptachlor epoxide

R.T.: 4.875 min
Delta R.T.: -0.002 min
Response: 891858006
Conc: 47.20 ng/ml



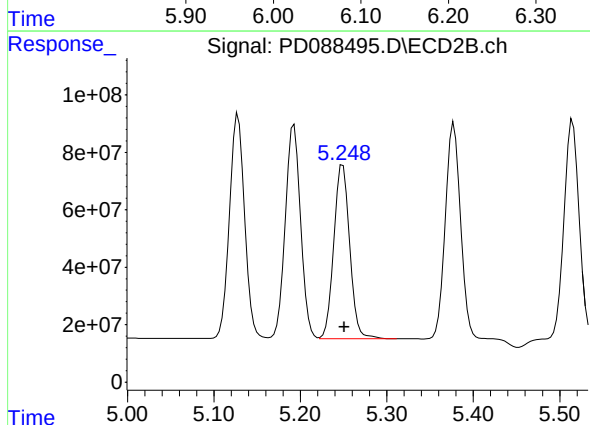
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 181138025
Conc: 53.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

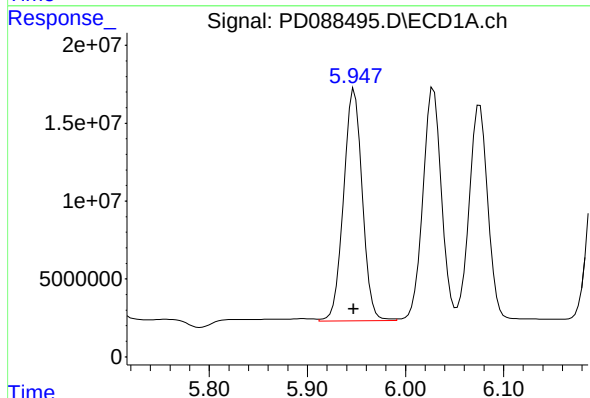
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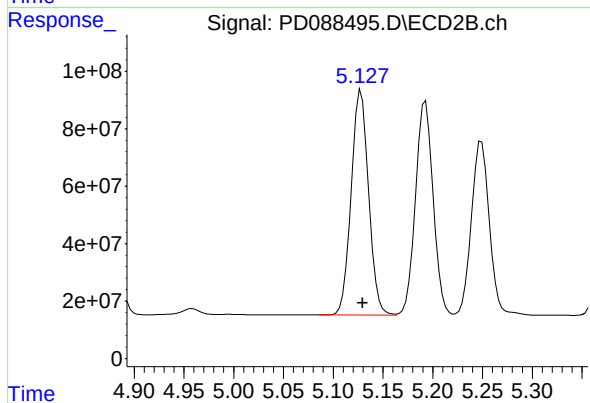
#9 Endosulfan I

R.T.: 5.249 min
Delta R.T.: -0.002 min
Response: 760566510
Conc: 42.22 ng/ml



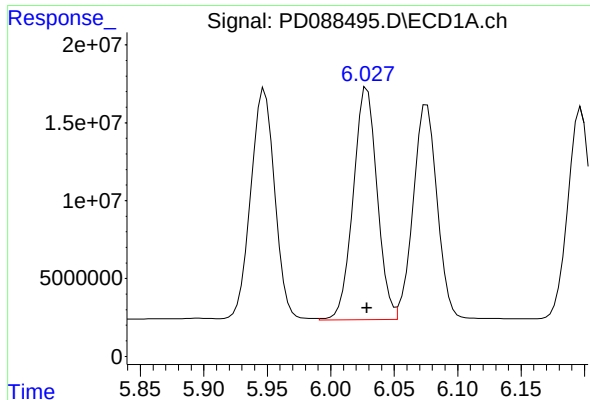
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 196920321
Conc: 54.37 ng/ml



#10 gamma-Chlordane

R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 953330746
Conc: 46.97 ng/ml



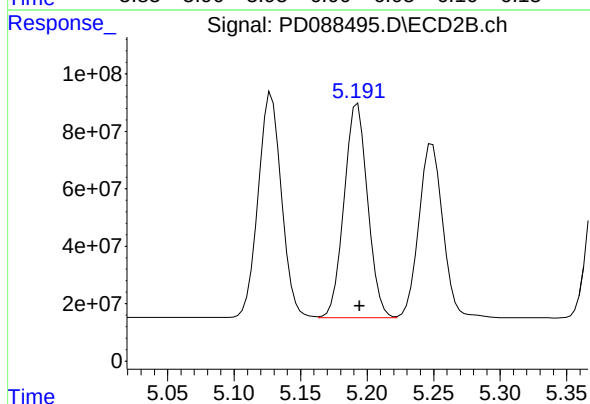
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 195169359
Conc: 54.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

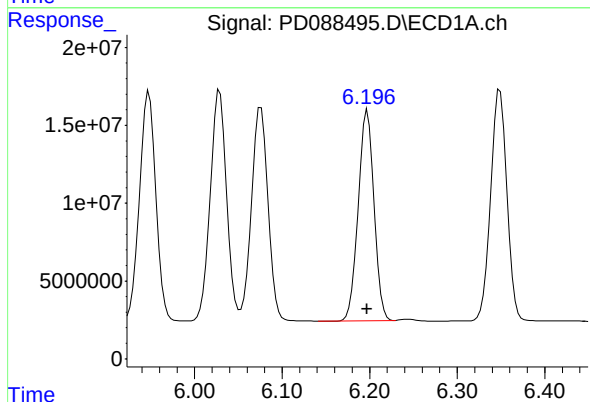
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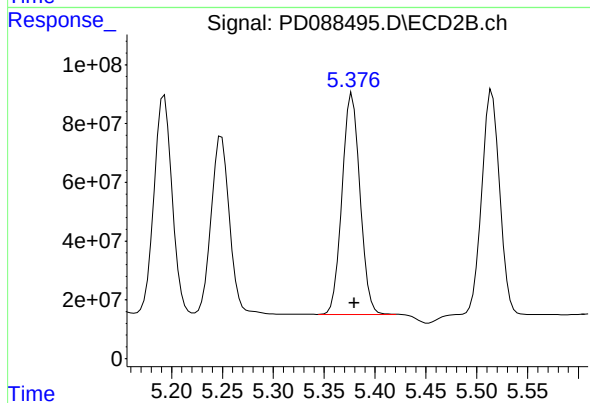
#11 alpha-Chlordane

R.T.: 5.193 min
Delta R.T.: -0.002 min
Response: 917044829
Conc: 46.78 ng/ml



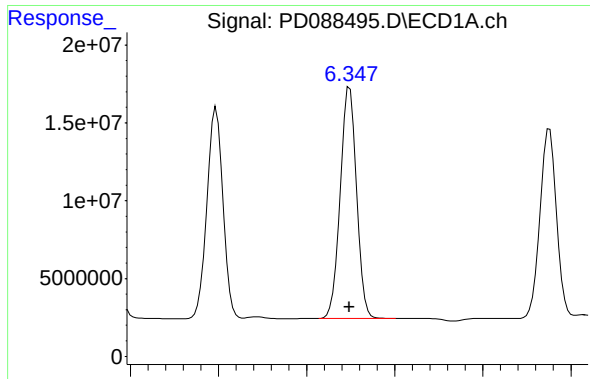
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 169862176
Conc: 51.50 ng/ml



#12 4,4'-DDE

R.T.: 5.376 min
Delta R.T.: -0.003 min
Response: 925714867
Conc: 47.00 ng/ml m



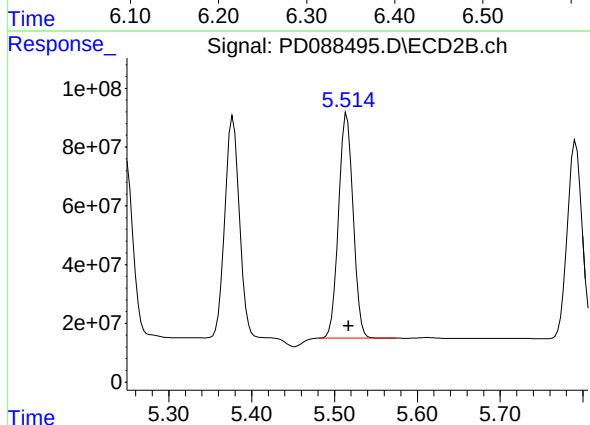
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 191462356
Conc: 53.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

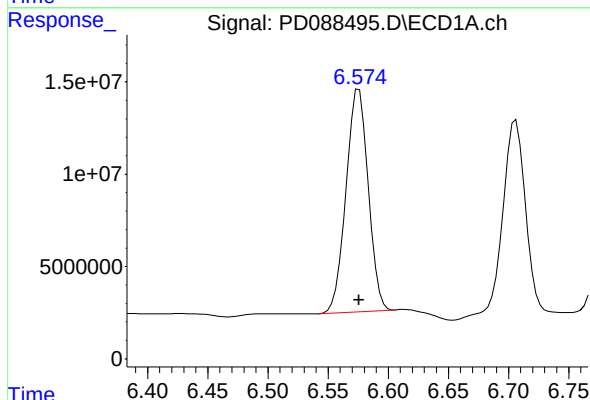
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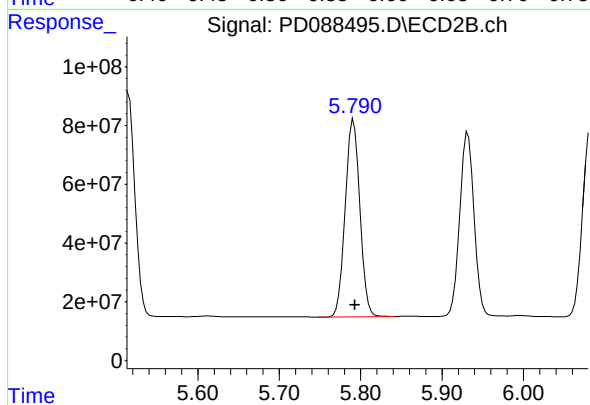
#13 Dieldrin

R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 935208866
Conc: 46.92 ng/ml



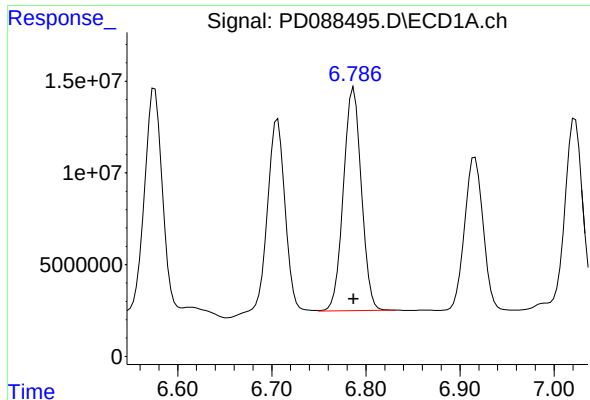
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 155392567
Conc: 52.10 ng/ml



#14 Endrin

R.T.: 5.791 min
Delta R.T.: -0.002 min
Response: 842081728
Conc: 46.26 ng/ml



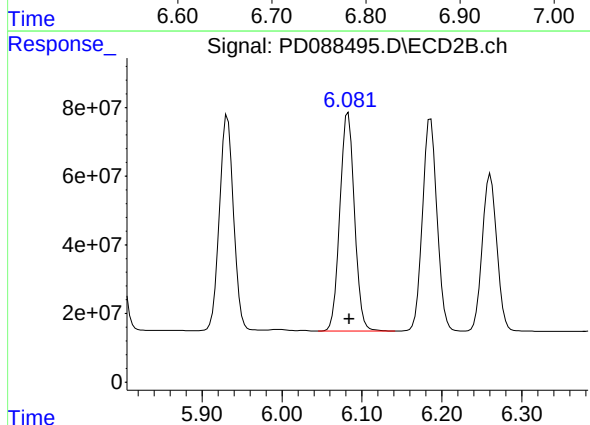
#15 Endosulfan II

R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 161257226
Conc: 51.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

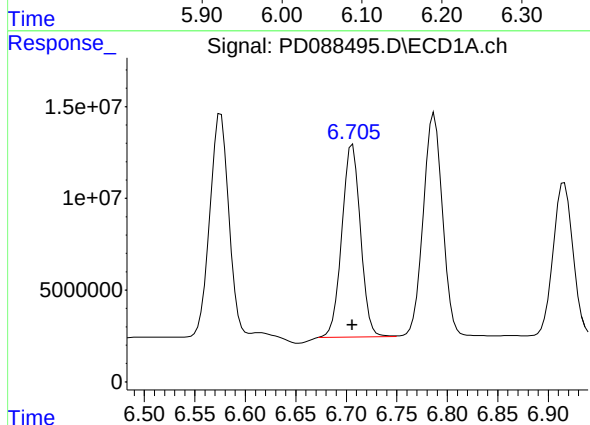
Manual Integrations
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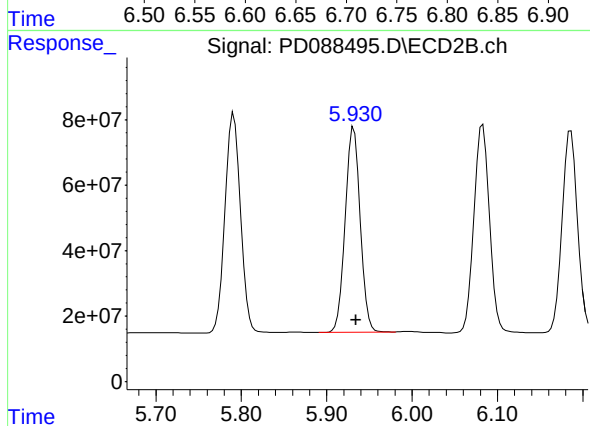
#15 Endosulfan II

R.T.: 6.083 min
Delta R.T.: -0.002 min
Response: 809615585
Conc: 46.21 ng/ml



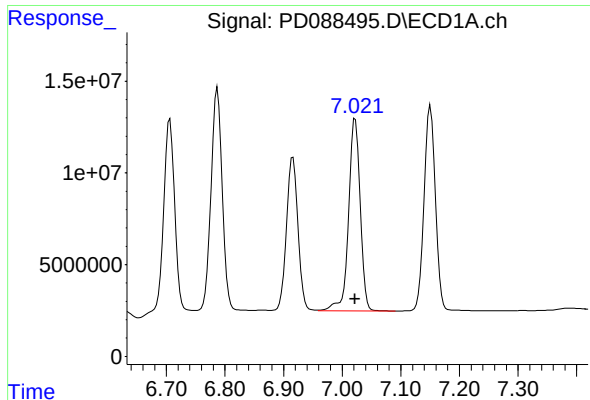
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 134999037
Conc: 53.68 ng/ml



#16 4,4'-DDD

R.T.: 5.932 min
Delta R.T.: -0.002 min
Response: 766207703
Conc: 46.76 ng/ml



#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 144544515
Conc: 52.04 ng/ml

Instrument :

ECD_D

ClientSampleId :

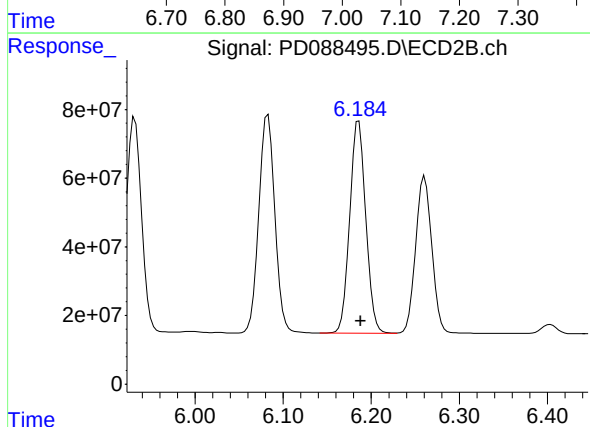
PSTDCCC050

Manual Integrations

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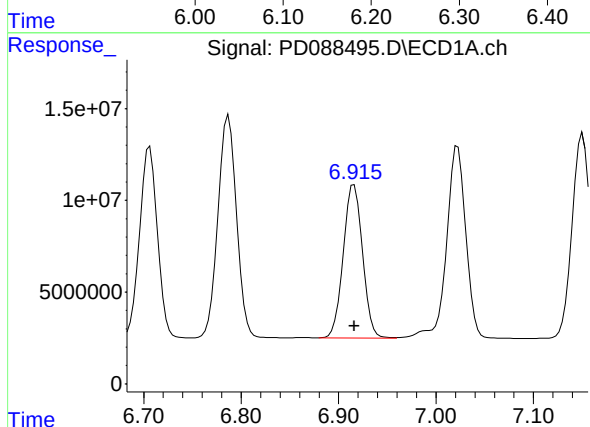
Reviewed By :Abdul Mirza 05/13/2025

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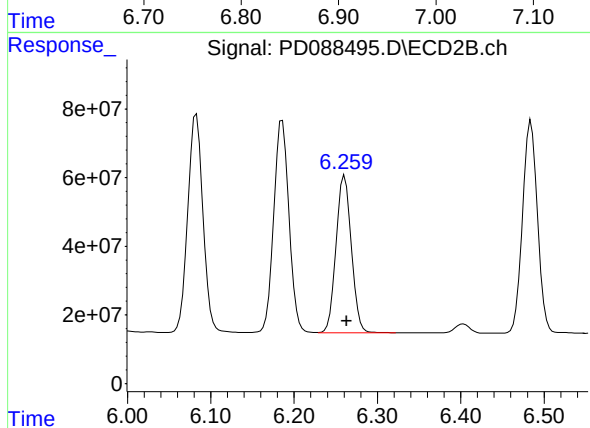
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 784864967
Conc: 46.12 ng/ml



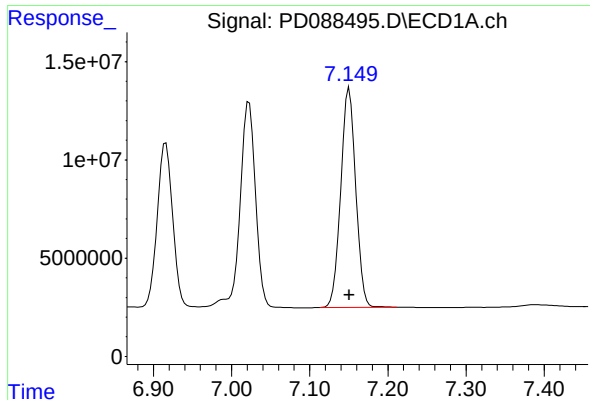
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 114730091
Conc: 49.71 ng/ml



#18 Endrin aldehyde

R.T.: 6.261 min
Delta R.T.: -0.002 min
Response: 583433847
Conc: 43.86 ng/ml



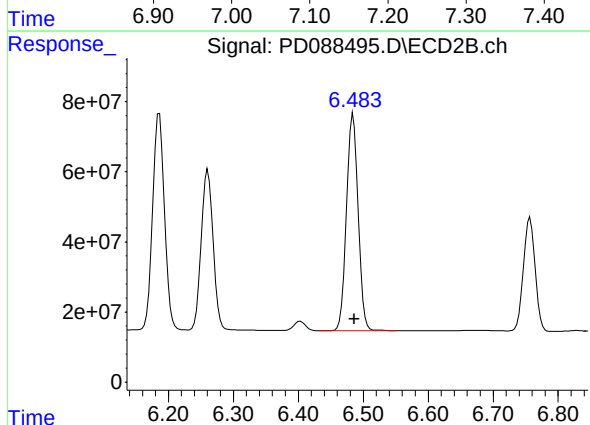
#19 Endosulfan Sulfate

R.T.: 7.151 min
Delta R.T.: 0.000 min
Response: 148998749
Conc: 51.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

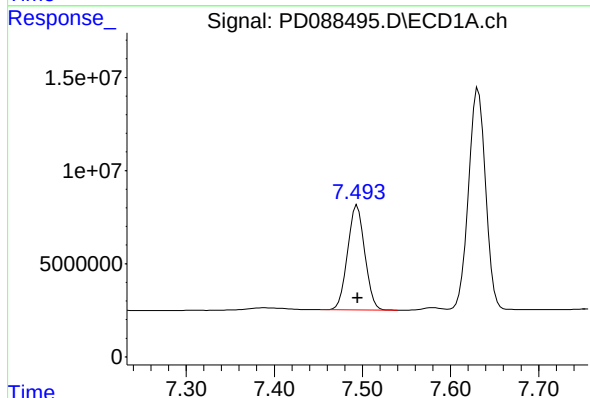
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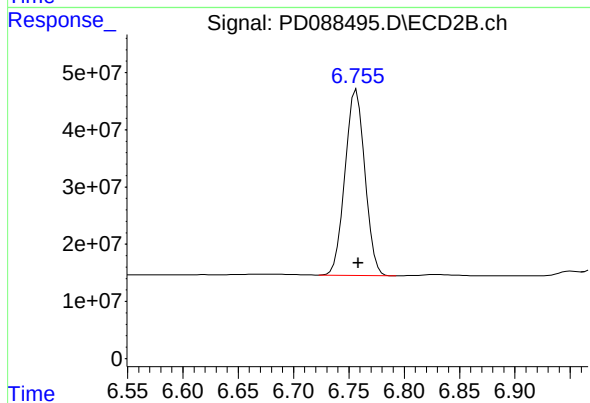
#19 Endosulfan Sulfate

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 775002831
Conc: 45.23 ng/ml



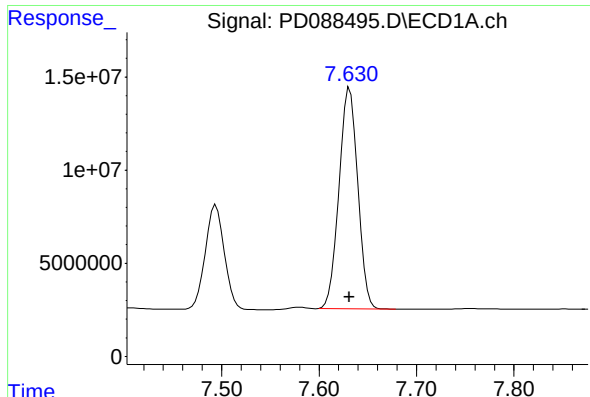
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 76052981
Conc: 50.72 ng/ml



#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: -0.002 min
Response: 406963212
Conc: 44.62 ng/ml



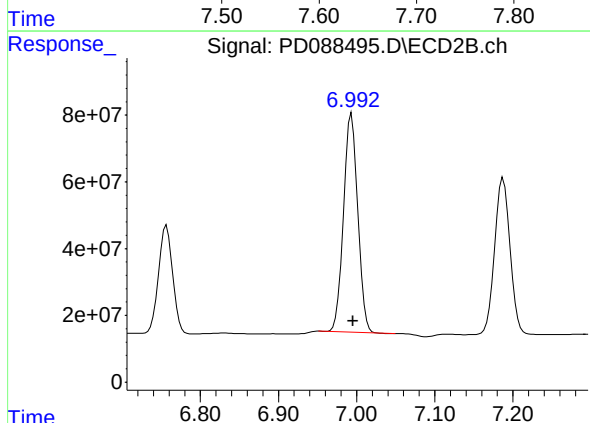
#21 Endrin ketone

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 158824224
Conc: 51.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

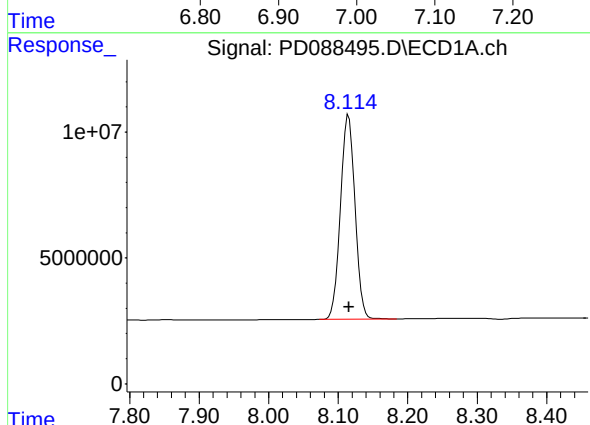
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/13/2025
Supervised By :mohammad ahmed 05/14/2025



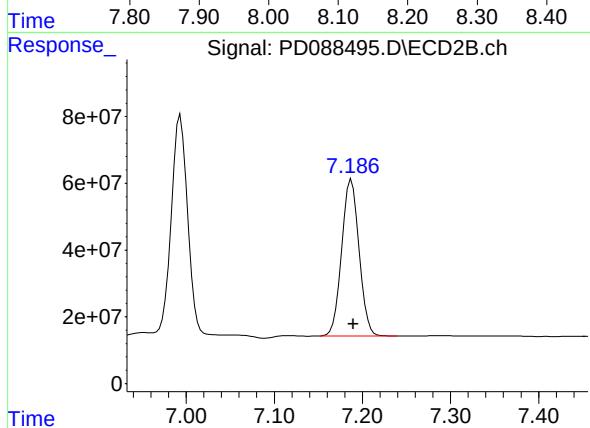
#21 Endrin ketone

R.T.: 6.994 min
Delta R.T.: -0.002 min
Response: 829015653
Conc: 44.32 ng/ml



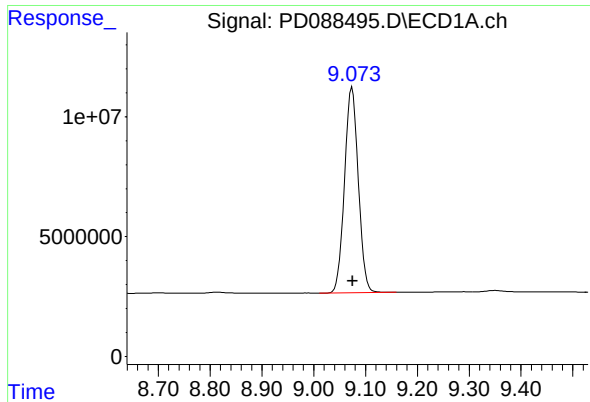
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 118147707
Conc: 50.31 ng/ml



#22 Mirex

R.T.: 7.188 min
Delta R.T.: -0.002 min
Response: 643483108
Conc: 43.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.000 min
Response: 158174277
Conc: 47.81 ng/ml

Instrument :

ECD_D

ClientSampleId :

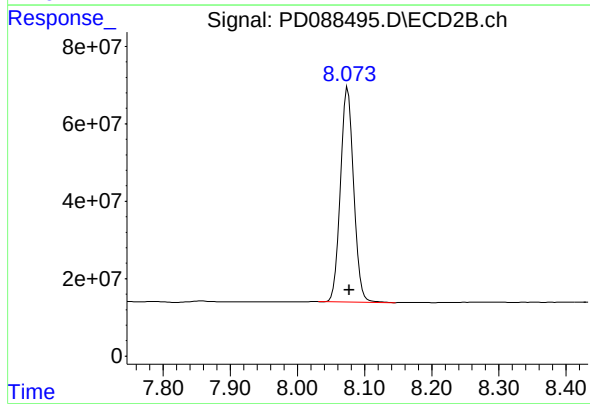
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.075 min
Delta R.T.: -0.002 min
Response: 758352733
Conc: 41.04 ng/ml