

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072122\
 Data File : PD071061.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2022 18:43
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
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Reviewed By : Abdul Mirza 07/21/2022
 Supervised By : Ankita Jodhani 07/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 23:44:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071922.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 20 05:30:10 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.474	4.126	150.7E6	1414.5E6	52.012	48.924
2)	SA Decachlor...	8.243	9.322	148.1E6	556.3E6	48.478	48.781
Target Compounds							
2)	A alpha-BHC	3.914	4.531	223.9E6	1860.6E6	51.029m	49.089
3)	MA gamma-BHC...	4.198	4.824	209.1E6	1467.8E6	48.164m	49.145
4)	MA Heptachlor	4.498	5.341	206.8E6	1078.8E6	49.657m	48.837
5)	MB Aldrin	4.748	5.653	211.3E6	902.8E6	50.566	48.767
6)	B beta-BHC	4.449	5.001	81963513	615.1E6	49.039	45.858
7)	B delta-BHC	4.654	5.225	201.6E6	1179.5E6	50.934	49.885
8)	B Heptachlo...	5.193	6.048	185.7E6	732.4E6	49.568	48.444
9)	A Endosulfan I	5.533	6.413	180.6E6	710.4E6	51.718	48.936
10)	B gamma-Chl...	5.420	6.285	193.6E6	771.8E6	49.780	48.936
11)	B alpha-Chl...	5.478	6.358	190.9E6	747.5E6	49.923	48.579
12)	B 4,4'-DDE	5.644	6.512	182.2E6	738.0E6	51.744	49.168
13)	MA Dieldrin	5.777	6.674	195.2E6	754.5E6	51.970	49.376
14)	MA Endrin	6.035	6.897	158.7E6	563.3E6	50.833	54.312
15)	B Endosulfa...	6.309	7.111	148.6E6	614.9E6	49.386	49.119
16)	A 4,4'-DDD	6.162	7.013	149.8E6	632.4E6	51.028	50.841
17)	MA 4,4'-DDT	6.403	7.314	150.6E6	648.9E6	49.182	48.453
18)	B Endrin al...	6.479	7.237	115.9E6	493.9E6	48.336	48.980
19)	B Endosulfa...	6.691	7.461	146.8E6	598.2E6	49.272m	49.504
20)	A Methoxychlor	6.952	7.773	78962234	330.8E6	47.765m	48.147
21)	B Endrin ke...	7.185	7.943	178.3E6	681.3E6	51.482	49.226
22)	Mirex	7.370	8.397	129.7E6	449.9E6	46.775m	48.956

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

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Data File : PD071061.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jul 2022 18:43
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Sample : PSTDCCC050
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

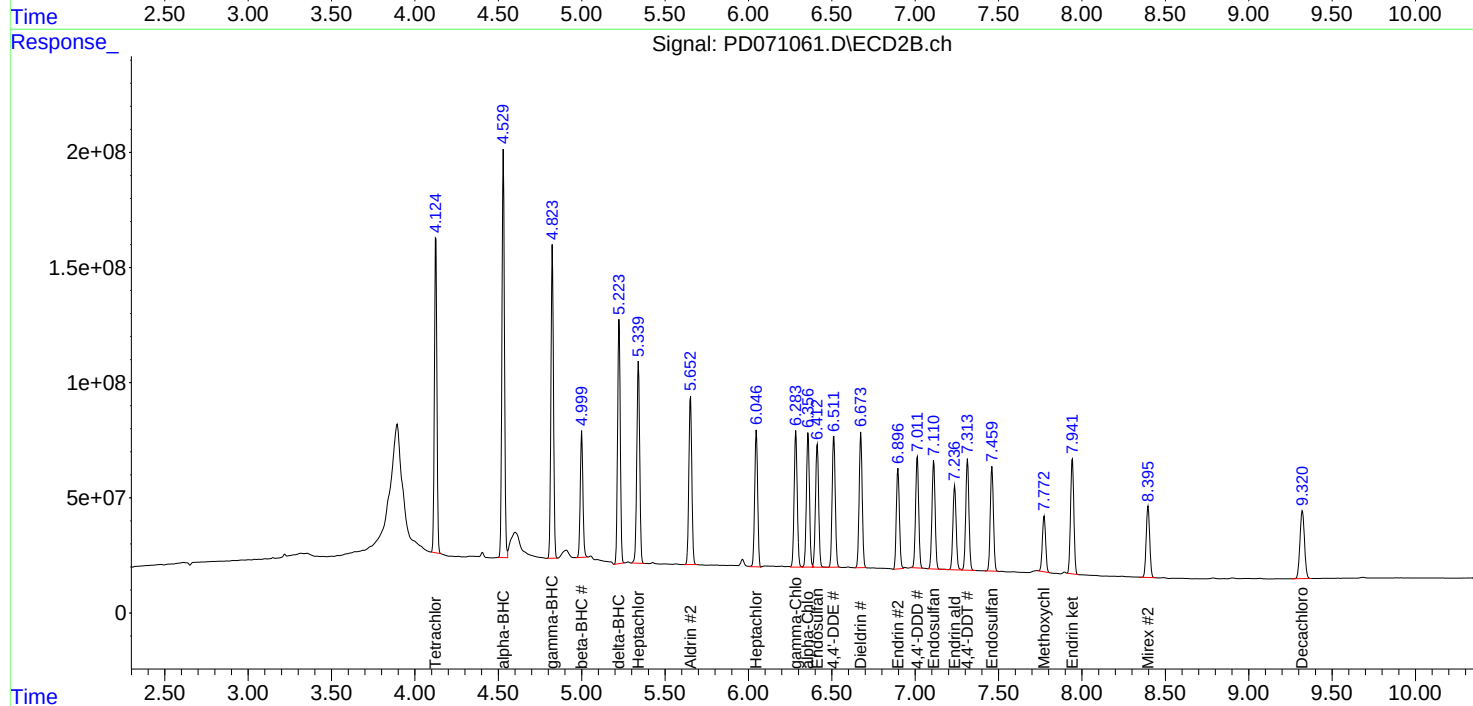
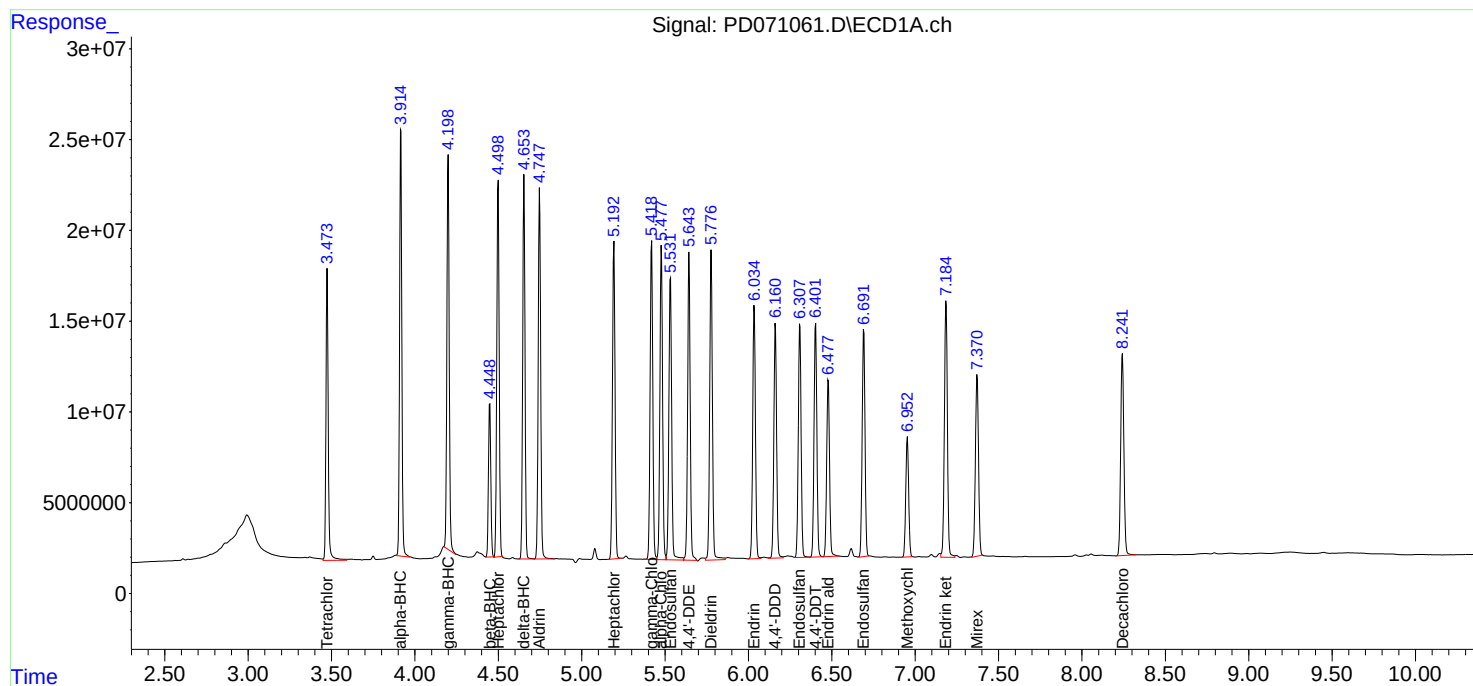
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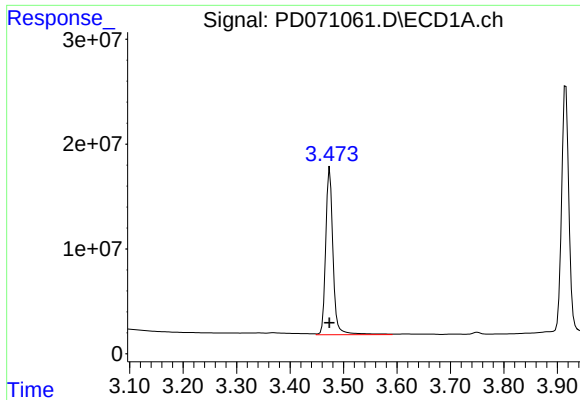
Reviewed By :Abdul Mirza 07/21/2022

Supervised By :Ankita Jodhani 07/21/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 20 23:44:49 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071922.M
Quant Title : GC Extractables
QLast Update : Wed Jul 20 05:30:10 2022
Response via : Initial Calibration
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





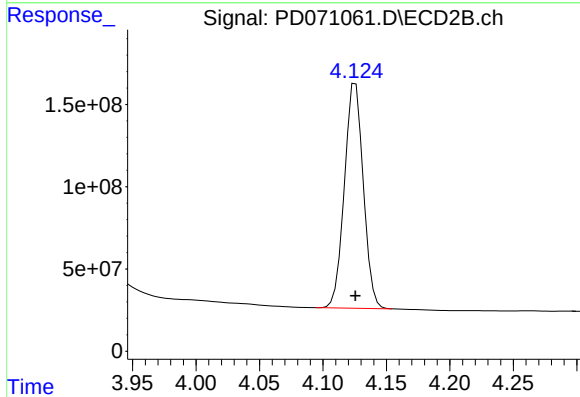
#1 Tetrachloro-m-xylene

R.T.: 3.474 min
Delta R.T.: 0.000 min
Response: 150726413
Conc: 52.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

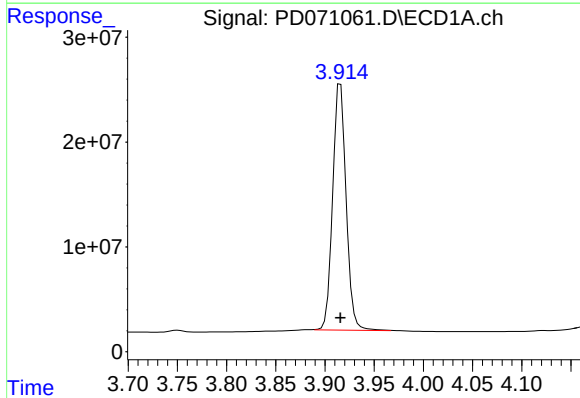
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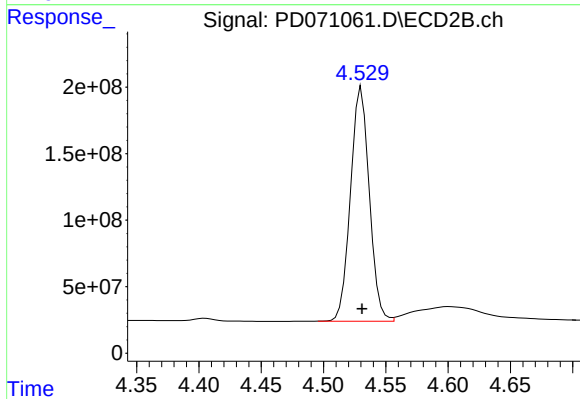
#1 Tetrachloro-m-xylene

R.T.: 4.126 min
Delta R.T.: 0.000 min
Response: 1414508485
Conc: 48.92 ng/ml



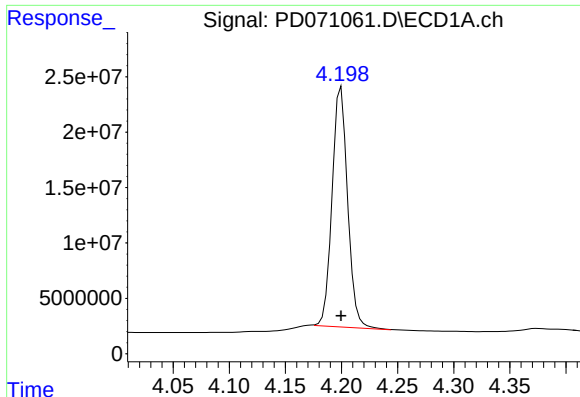
#2 alpha-BHC

R.T.: 3.914 min
Delta R.T.: -0.001 min
Response: 223877153
Conc: 51.03 ng/ml m



#2 alpha-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 1860643645
Conc: 49.09 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.198 min
Delta R.T.: -0.001 min
Response: 209130267
Conc: 48.16 ng/ml

Instrument :

ECD_D

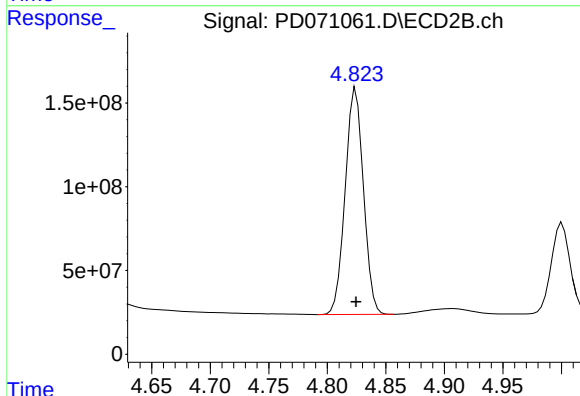
ClientSampleId :

PSTDCCC050

Manual Integrations

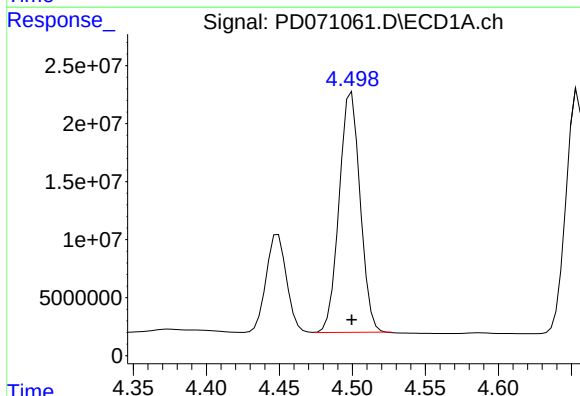
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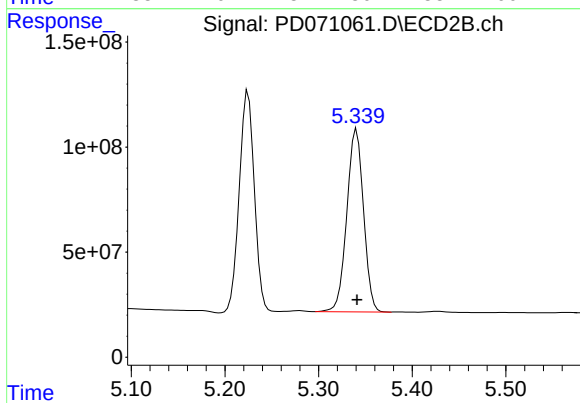
#3 gamma-BHC (Lindane)

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 1467829969
Conc: 49.15 ng/ml



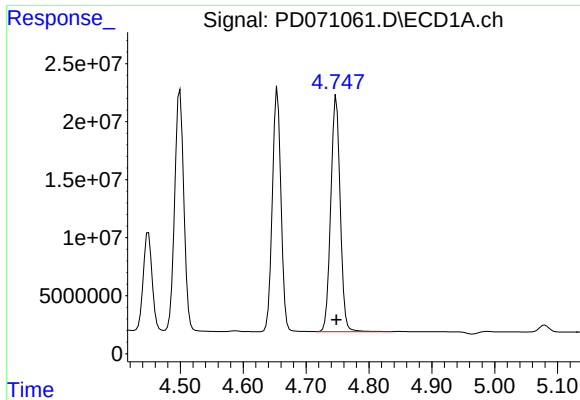
#4 Heptachlor

R.T.: 4.498 min
Delta R.T.: -0.001 min
Response: 206751259
Conc: 49.66 ng/ml m



#4 Heptachlor

R.T.: 5.341 min
Delta R.T.: 0.000 min
Response: 1078785266
Conc: 48.84 ng/ml



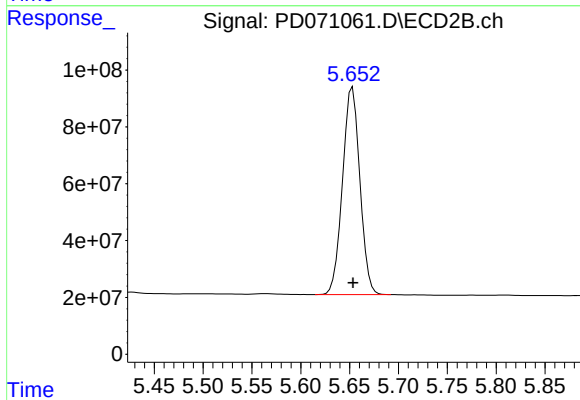
#5 Aldrin

R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 211317204
Conc: 50.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

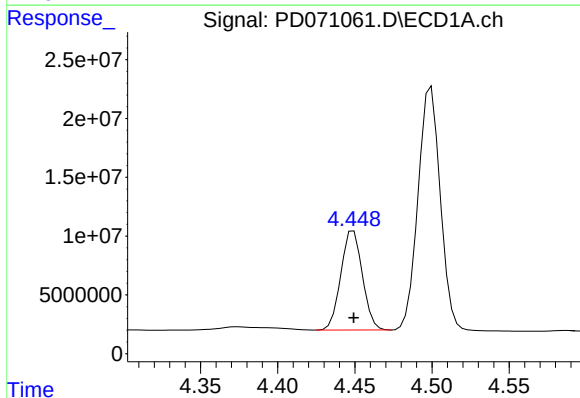
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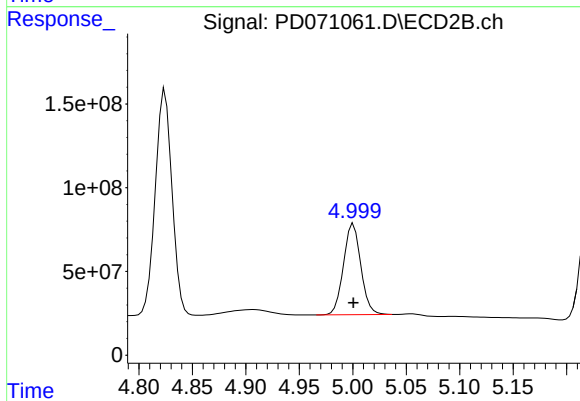
#5 Aldrin

R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: 902826101
Conc: 48.77 ng/ml



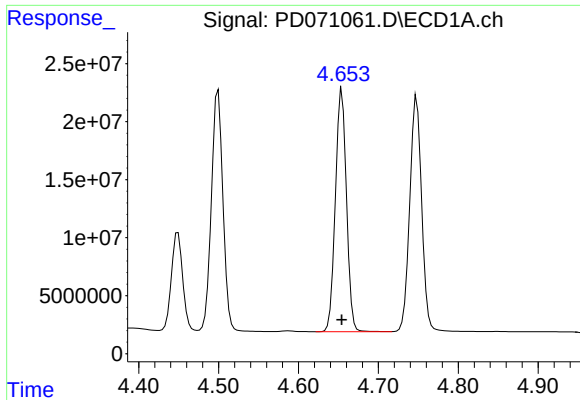
#6 beta-BHC

R.T.: 4.449 min
Delta R.T.: 0.000 min
Response: 81963513
Conc: 49.04 ng/ml



#6 beta-BHC

R.T.: 5.001 min
Delta R.T.: 0.000 min
Response: 615121827
Conc: 45.86 ng/ml



#7 delta-BHC

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 201595934
Conc: 50.93 ng/ml

Instrument :

ECD_D

ClientSampleId :

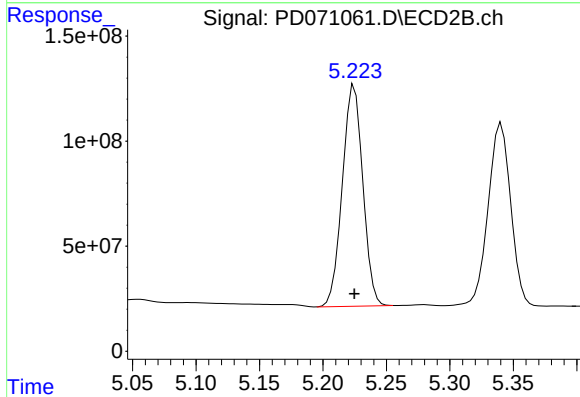
PSTDCCC050

Manual Integrations

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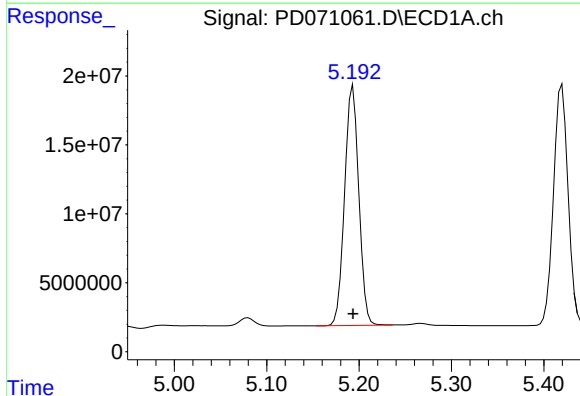
Reviewed By :Abdul Mirza 07/21/2022

Supervised By :Ankita Jodhani 07/21/2022



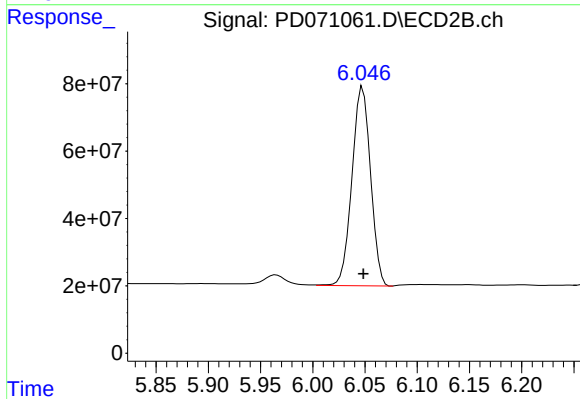
#7 delta-BHC

R.T.: 5.225 min
Delta R.T.: 0.000 min
Response: 1179465607
Conc: 49.88 ng/ml



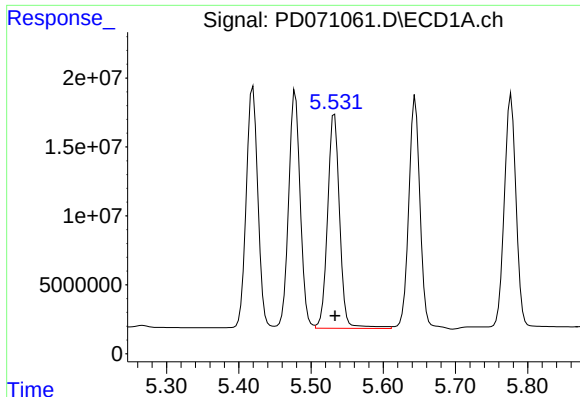
#8 Heptachlor epoxide

R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 185671040
Conc: 49.57 ng/ml



#8 Heptachlor epoxide

R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 732431327
Conc: 48.44 ng/ml



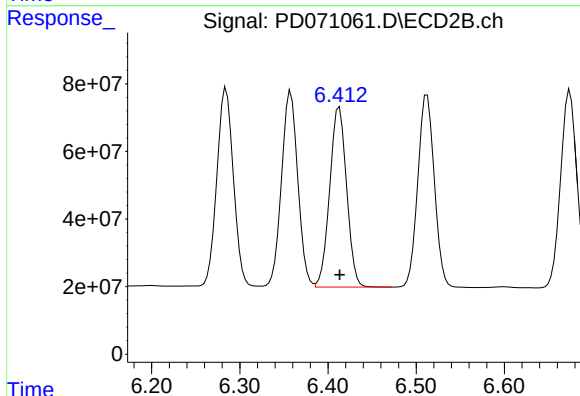
#9 Endosulfan I

R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 180579646
Conc: 51.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

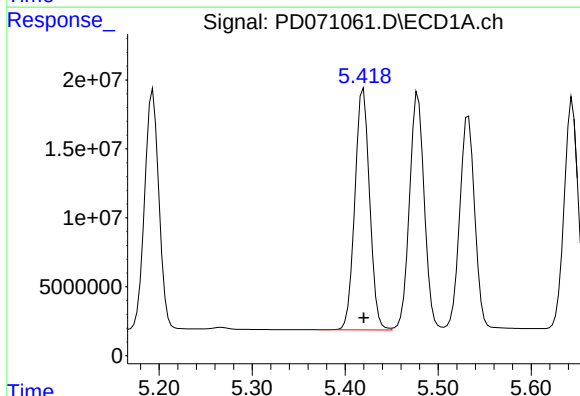
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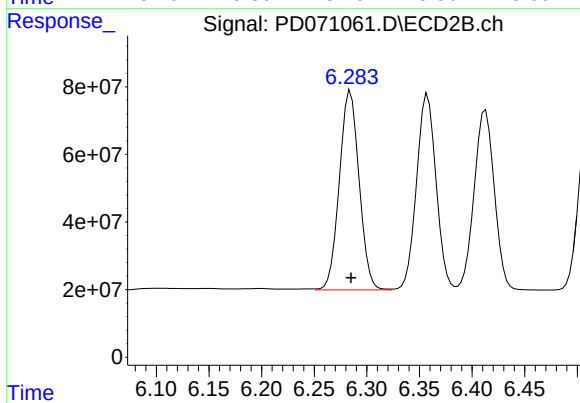
#9 Endosulfan I

R.T.: 6.413 min
Delta R.T.: 0.000 min
Response: 710378633
Conc: 48.94 ng/ml



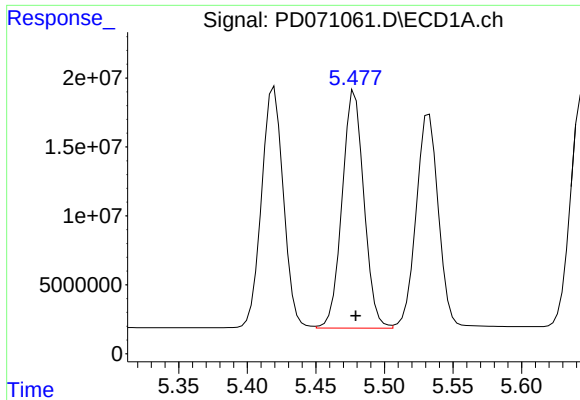
#10 gamma-Chlordane

R.T.: 5.420 min
Delta R.T.: 0.000 min
Response: 193563056
Conc: 49.78 ng/ml



#10 gamma-Chlordane

R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 771799077
Conc: 48.94 ng/ml



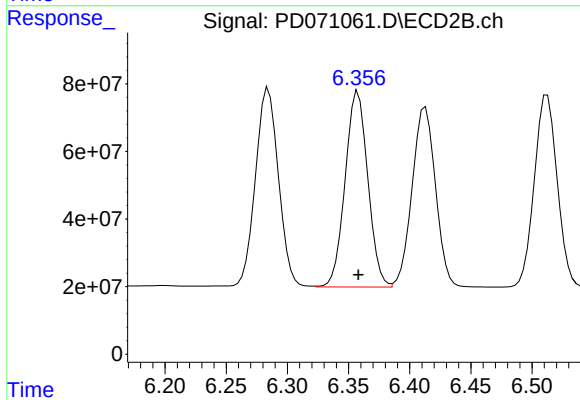
#11 alpha-Chlordane

R.T.: 5.478 min
Delta R.T.: 0.000 min
Response: 190872207
Conc: 49.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

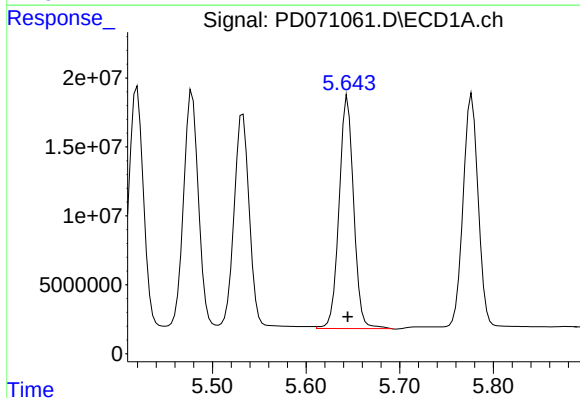
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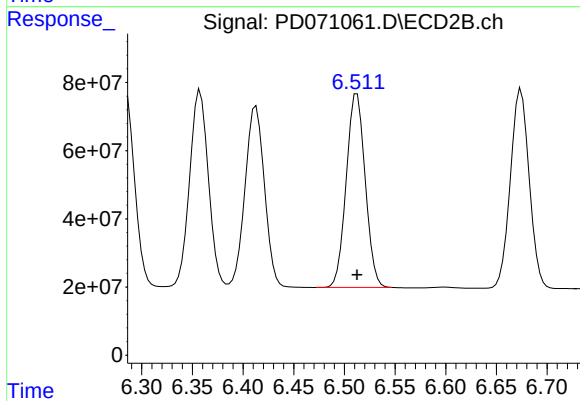
#11 alpha-Chlordane

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 747481846
Conc: 48.58 ng/ml



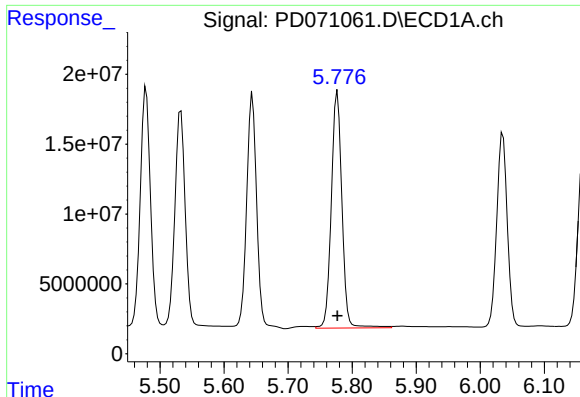
#12 4,4'-DDE

R.T.: 5.644 min
Delta R.T.: 0.000 min
Response: 182225928
Conc: 51.74 ng/ml



#12 4,4'-DDE

R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 738027618
Conc: 49.17 ng/ml



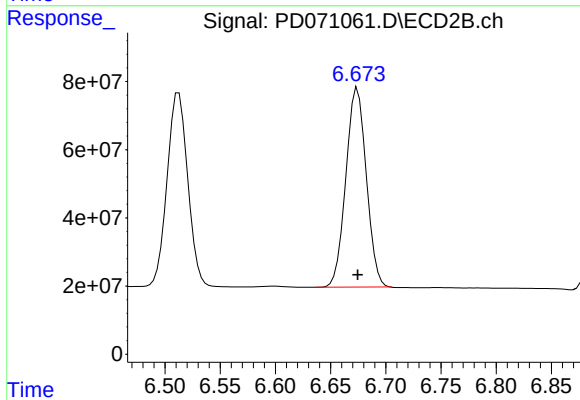
#13 Dieldrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 195224317
Conc: 51.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

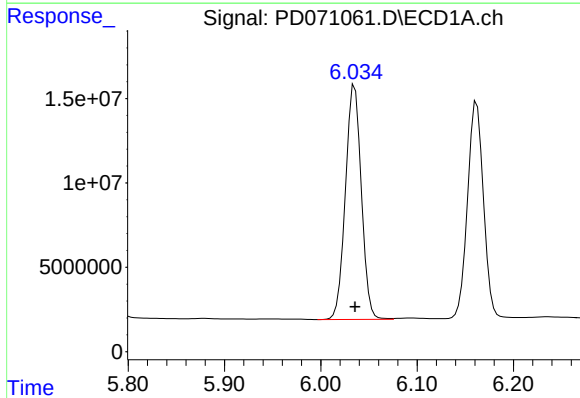
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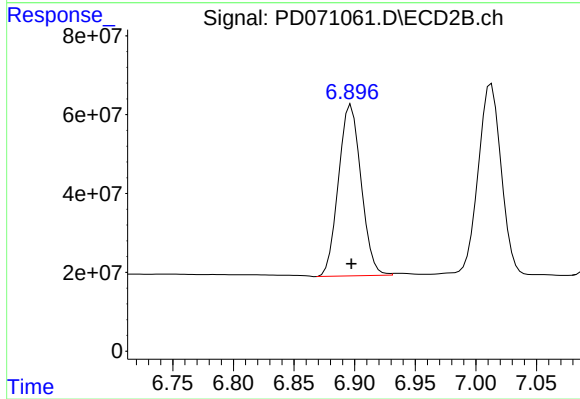
#13 Dieldrin

R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 754468734
Conc: 49.38 ng/ml



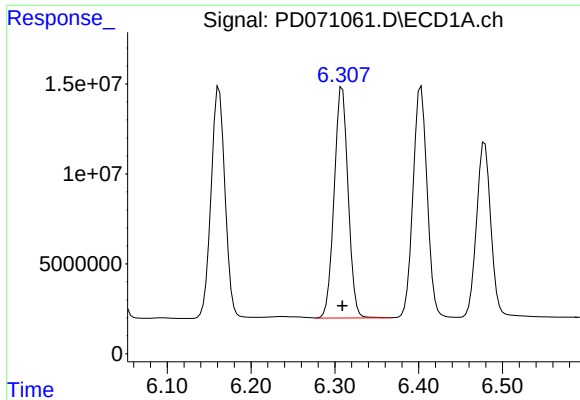
#14 Endrin

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 158739473
Conc: 50.83 ng/ml



#14 Endrin

R.T.: 6.897 min
Delta R.T.: 0.000 min
Response: 563329313
Conc: 54.31 ng/ml



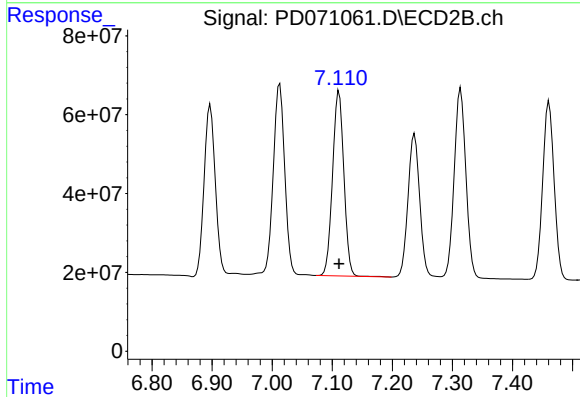
#15 Endosulfan II

R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 148558224
Conc: 49.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

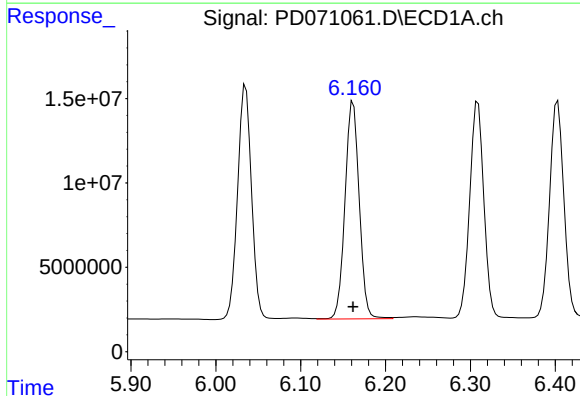
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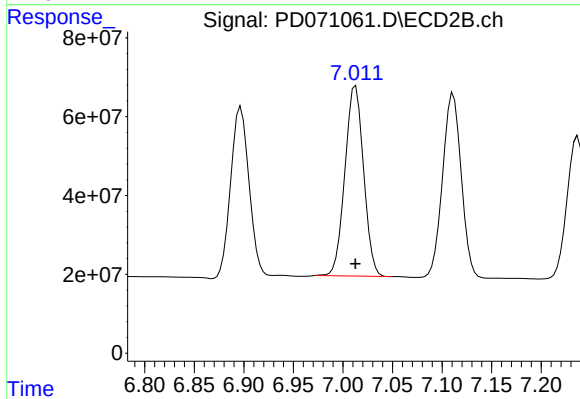
#15 Endosulfan II

R.T.: 7.111 min
Delta R.T.: 0.000 min
Response: 614884056
Conc: 49.12 ng/ml



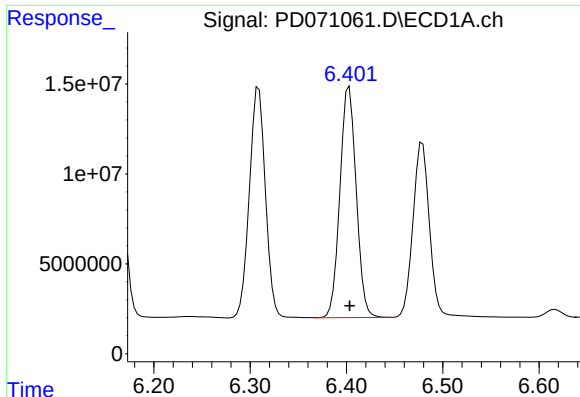
#16 4,4'-DDD

R.T.: 6.162 min
Delta R.T.: 0.000 min
Response: 149764189
Conc: 51.03 ng/ml



#16 4,4'-DDD

R.T.: 7.013 min
Delta R.T.: 0.000 min
Response: 632370419
Conc: 50.84 ng/ml



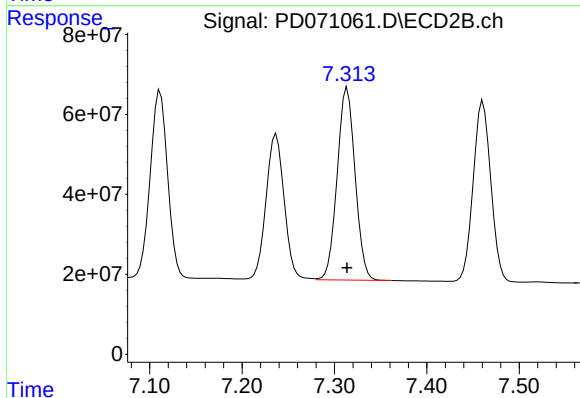
#17 4,4'-DDT

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 150554259
Conc: 49.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

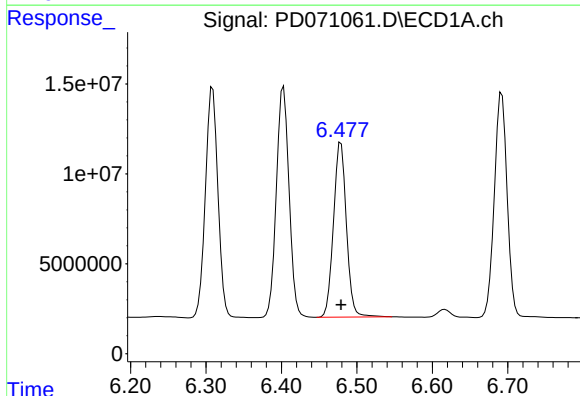
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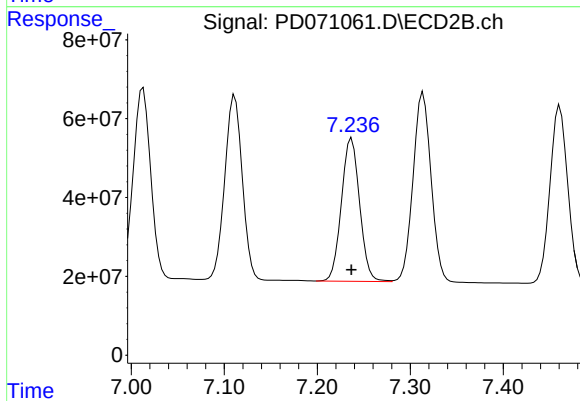
#17 4,4'-DDT

R.T.: 7.314 min
Delta R.T.: 0.000 min
Response: 648945194
Conc: 48.45 ng/ml



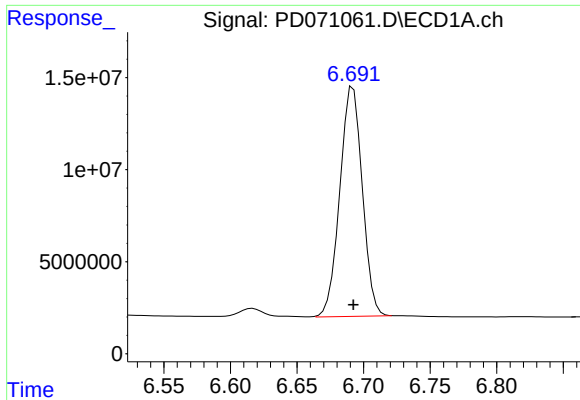
#18 Endrin aldehyde

R.T.: 6.479 min
Delta R.T.: 0.000 min
Response: 115935177
Conc: 48.34 ng/ml



#18 Endrin aldehyde

R.T.: 7.237 min
Delta R.T.: 0.000 min
Response: 493929836
Conc: 48.98 ng/ml



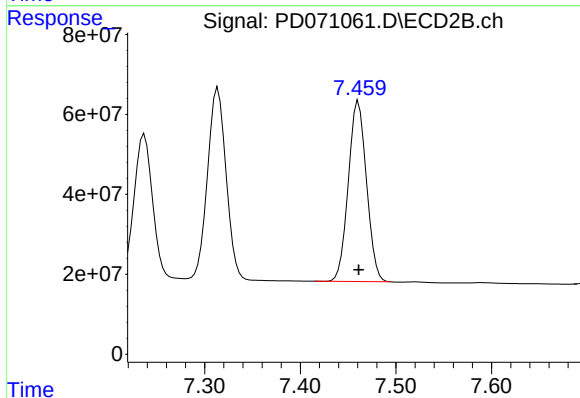
#19 Endosulfan Sulfate

R.T.: 6.691 min
Delta R.T.: -0.002 min
Response: 146778871
Conc: 49.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

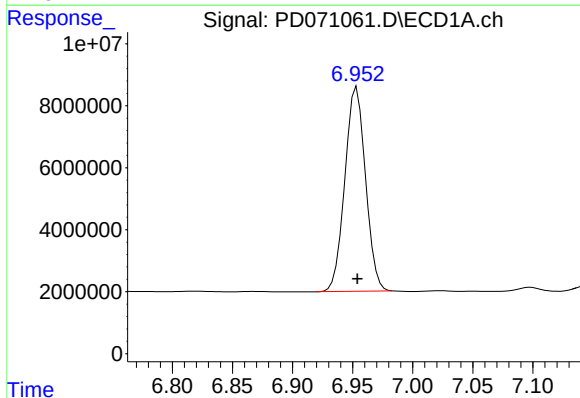
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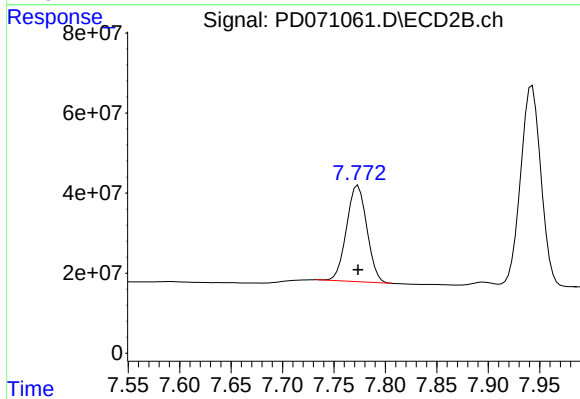
#19 Endosulfan Sulfate

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 598156868
Conc: 49.50 ng/ml



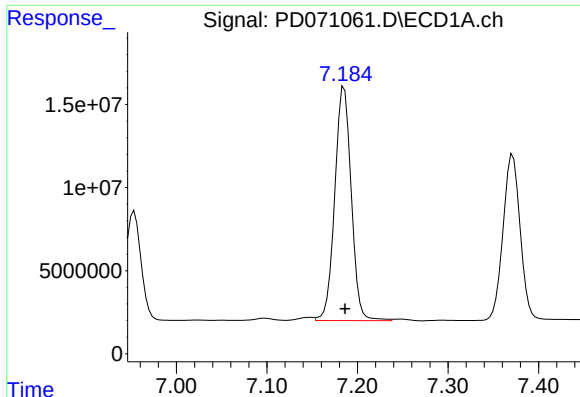
#20 Methoxychlor

R.T.: 6.952 min
Delta R.T.: -0.002 min
Response: 78962234
Conc: 47.77 ng/ml m



#20 Methoxychlor

R.T.: 7.773 min
Delta R.T.: 0.000 min
Response: 330838785
Conc: 48.15 ng/ml



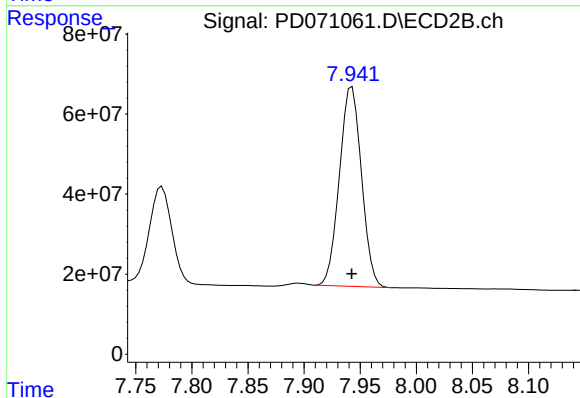
#21 Endrin ketone

R.T.: 7.185 min
Delta R.T.: 0.000 min
Response: 178326105
Conc: 51.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

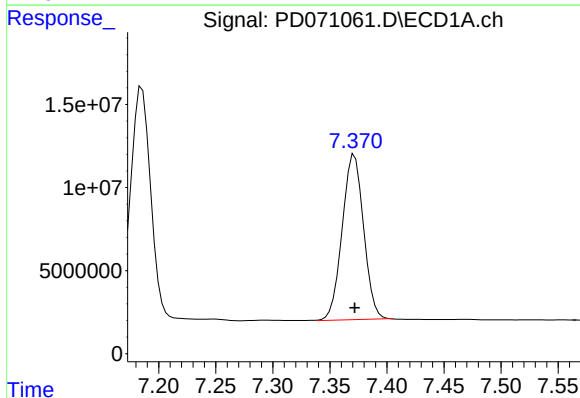
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2022
Supervised By :Ankita Jodhani 07/21/2022



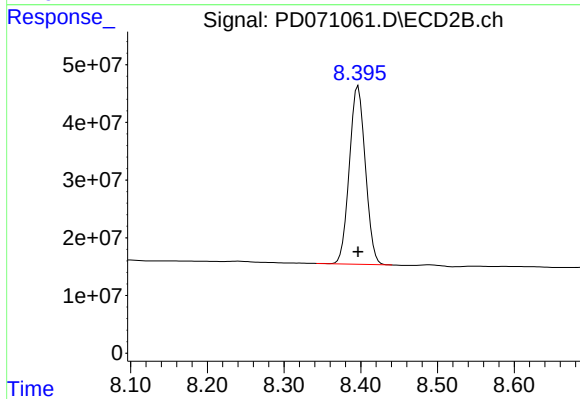
#21 Endrin ketone

R.T.: 7.943 min
Delta R.T.: 0.000 min
Response: 681278272
Conc: 49.23 ng/ml



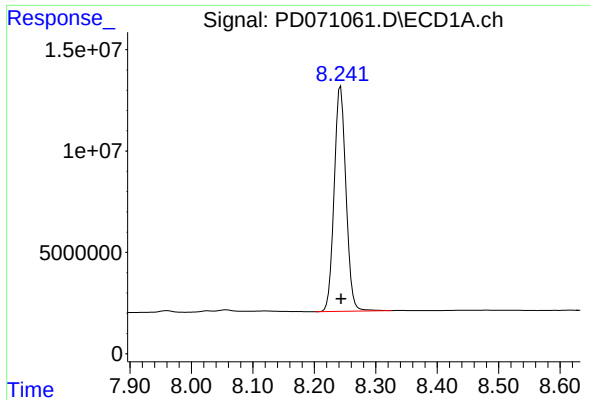
#22 Mirex

R.T.: 7.370 min
Delta R.T.: -0.002 min
Response: 129682280
Conc: 46.77 ng/ml m



#22 Mirex

R.T.: 8.397 min
Delta R.T.: 0.000 min
Response: 449882787
Conc: 48.96 ng/ml



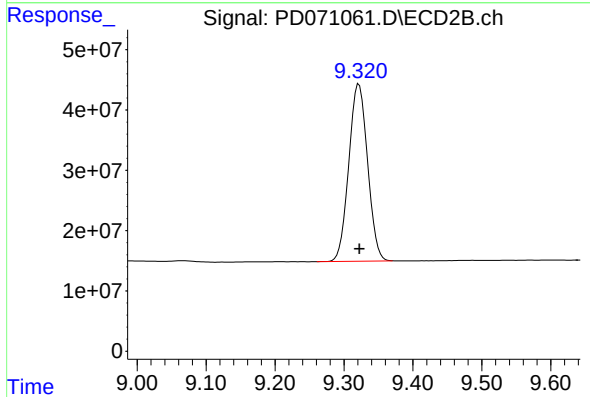
#28 Decachlorobiphenyl

R.T.: 8.243 min
Delta R.T.: 0.000 min
Response: 148115821
Conc: 48.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 9.322 min
Delta R.T.: 0.000 min
Response: 556349258
Conc: 48.78 ng/ml