

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072222\
 Data File : PD071089.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2022 15:43
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/22/2022
 Supervised By : Ankita Jodhani 07/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 23:50:56 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 x0.2 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	4.125	157.9E6	1446.7E6	54.471	50.036
28)	SA Decachlor...	8.244	9.323	154.8E6	566.4E6	50.666	49.661
Target Compounds							
2)	A alpha-BHC	3.915	4.530	239.9E6	1869.4E6	54.678	49.320
3)	MA gamma-BHC...	4.200	4.824	223.5E6	1510.9E6	51.479	50.586
4)	MA Heptachlor	4.498	5.341	221.3E6	1129.8E6	53.141m	51.145
5)	MB Aldrin	4.748	5.653	221.5E6	945.5E6	52.995	51.074
6)	B beta-BHC	4.449	5.000	85580196	618.7E6	51.203	46.127
7)	B delta-BHC	4.654	5.225	212.0E6	1212.1E6	53.561	51.263
8)	B Heptachlo...	5.193	6.048	196.3E6	767.6E6	52.406	50.773
9)	A Endosulfan I	5.532	6.413	186.8E6	746.4E6	53.498	51.421
10)	B gamma-Chl...	5.420	6.285	203.4E6	810.2E6	52.313	51.369
11)	B alpha-Chl...	5.479	6.358	200.0E6	787.9E6	52.312	51.206
12)	B 4,4'-DDE	5.645	6.512	188.8E6	781.5E6	53.606	52.064
13)	MA Dieldrin	5.777	6.674	201.9E6	790.7E6	53.742	51.747
14)	MA Endrin	6.036	6.897	177.5E6	620.8E6	56.848	59.855
15)	B Endosulfa...	6.310	7.112	159.1E6	642.4E6	52.885	51.319
16)	A 4,4'-DDD	6.162	7.013	158.6E6	656.0E6	54.035	52.741
17)	MA 4,4'-DDT	6.404	7.315	167.1E6	701.0E6	54.588	52.343
18)	B Endrin al...	6.479	7.237	121.8E6	511.4E6	50.764	50.713
19)	B Endosulfa...	6.690	7.462	157.5E6	617.1E6	52.859m	51.075
20)	A Methoxychlor	6.953	7.774	88189164	351.7E6	53.347m	51.186
21)	B Endrin ke...	7.186	7.944	185.9E6	690.2E6	53.665	49.874
22)	Mirex	7.371	8.398	134.0E6	451.8E6	48.338m	49.162

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

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Data File : PD071089.D
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Acq On : 21 Jul 2022 15:43
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

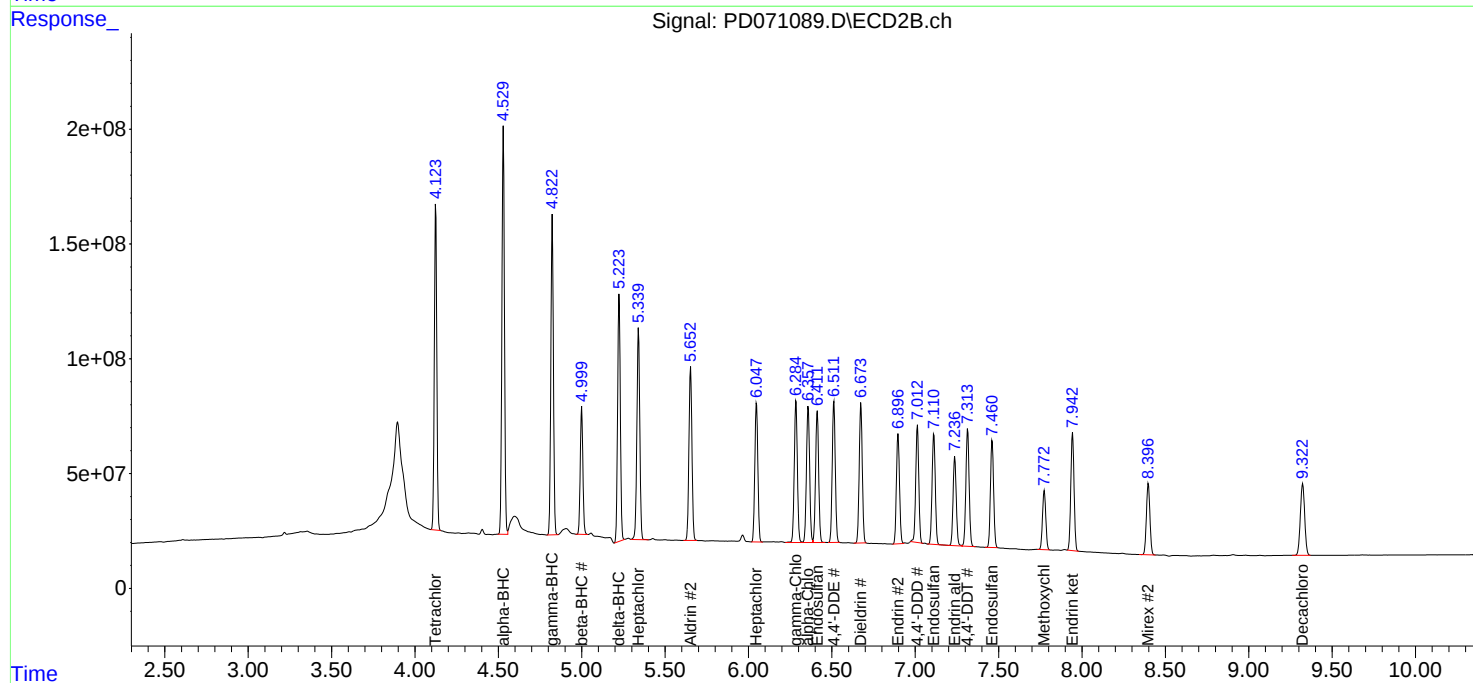
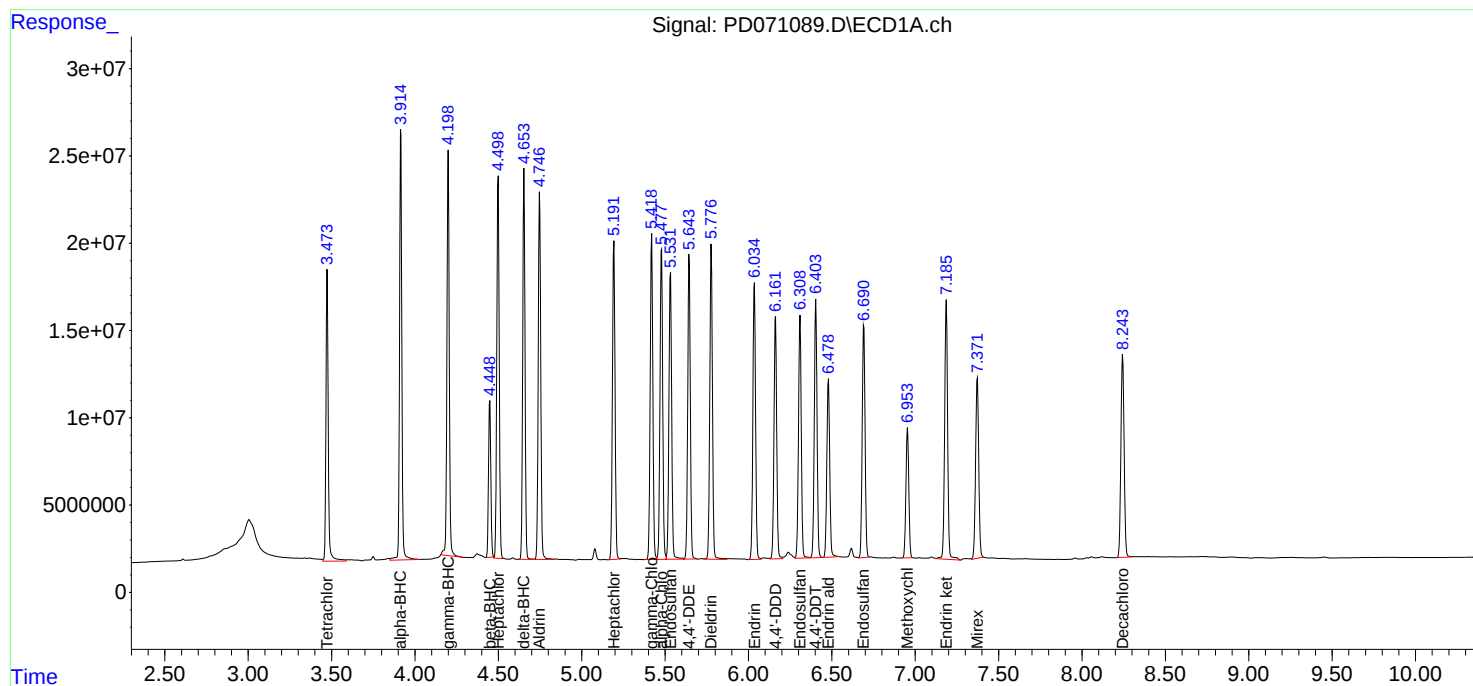
APPROVED

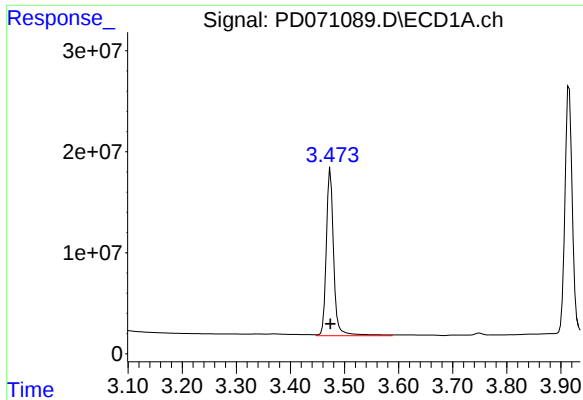
Reviewed By :Abdul Mirza 07/22/2022

Supervised By :Ankita Jodhani 07/22/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 21 23:50:56 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 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: 157851419
Conc: 54.47 ng/ml

Instrument :

ECD_D

ClientSampleId :

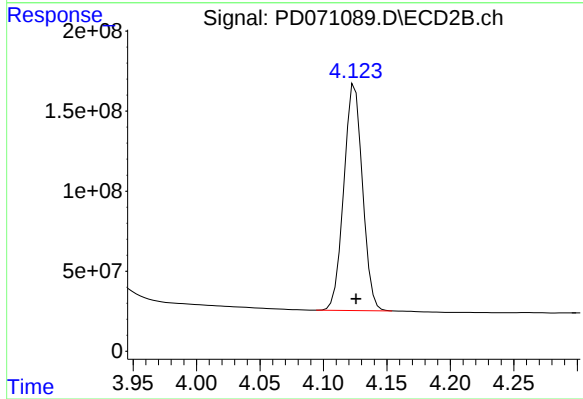
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Manual Integrations

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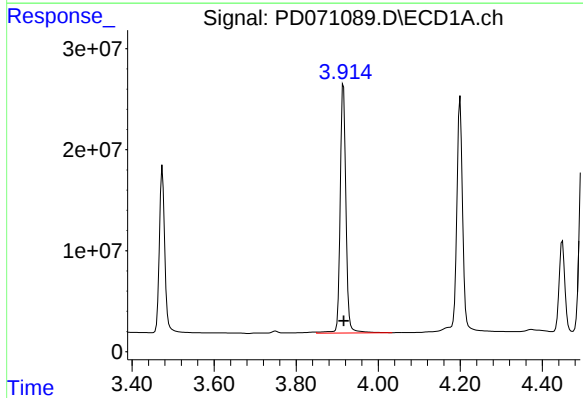
Reviewed By :Abdul Mirza 07/22/2022

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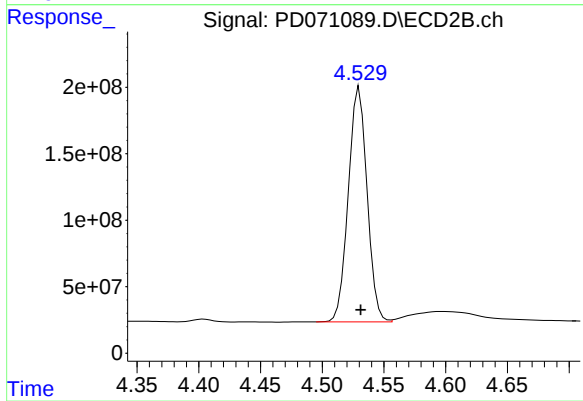
#1 Tetrachloro-m-xylene

R.T.: 4.125 min
Delta R.T.: 0.000 min
Response: 1446666478
Conc: 50.04 ng/ml



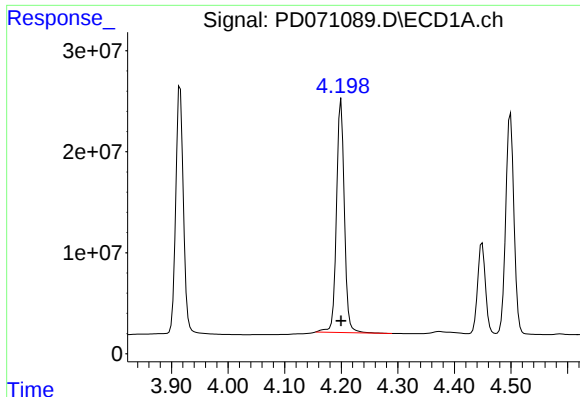
#2 alpha-BHC

R.T.: 3.915 min
Delta R.T.: 0.000 min
Response: 239884449
Conc: 54.68 ng/ml



#2 alpha-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 1869385330
Conc: 49.32 ng/ml



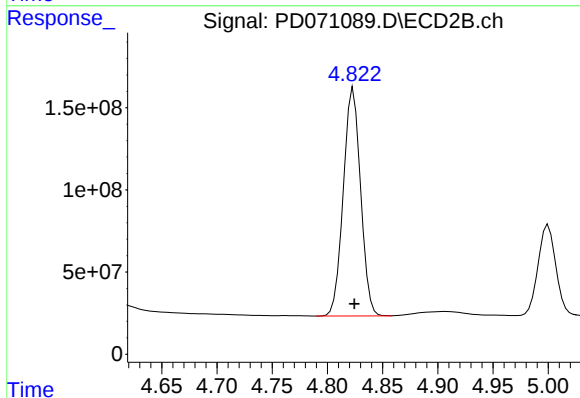
#3 gamma-BHC (Lindane)

R.T.: 4.200 min
Delta R.T.: 0.000 min
Response: 223525766
Conc: 51.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

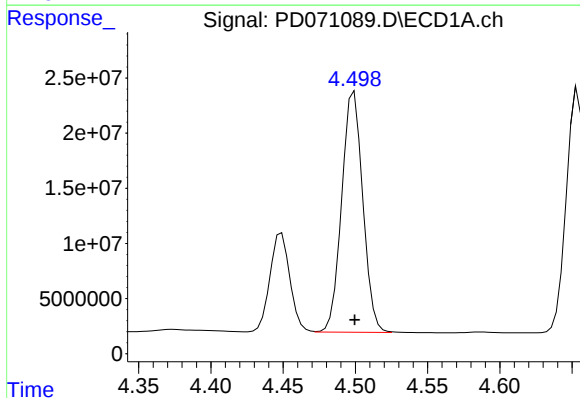
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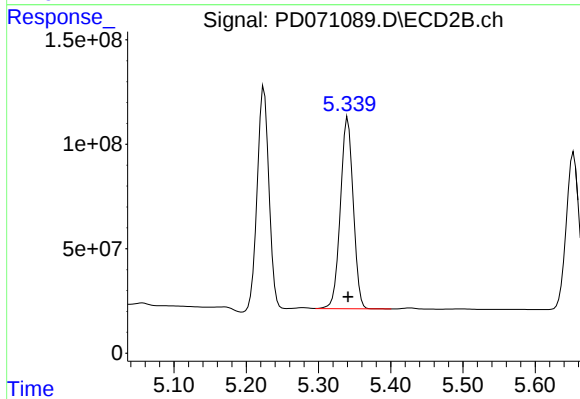
#3 gamma-BHC (Lindane)

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 1510875958
Conc: 50.59 ng/ml



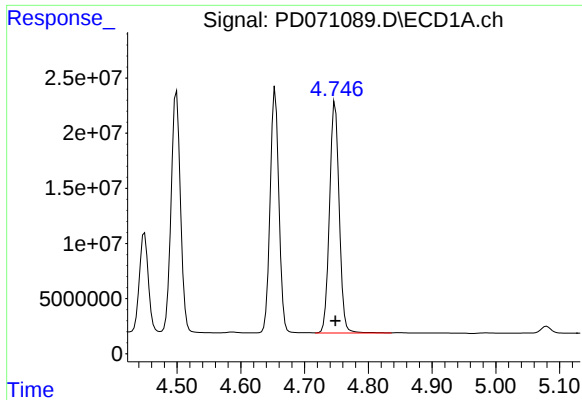
#4 Heptachlor

R.T.: 4.498 min
Delta R.T.: -0.002 min
Response: 221255485
Conc: 53.14 ng/ml m



#4 Heptachlor

R.T.: 5.341 min
Delta R.T.: 0.000 min
Response: 1129767550
Conc: 51.14 ng/ml



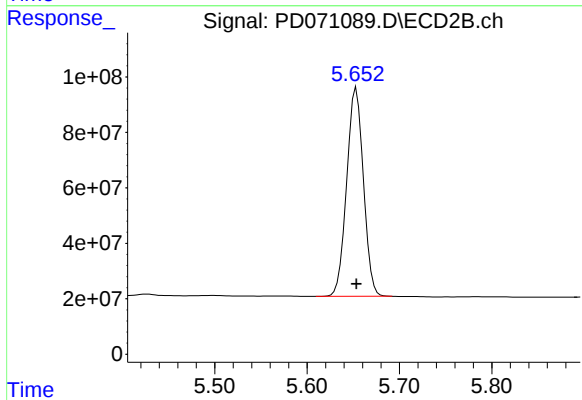
#5 Aldrin

R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 221464747
Conc: 52.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

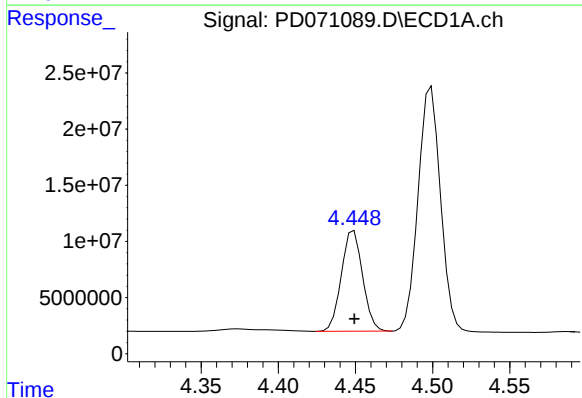
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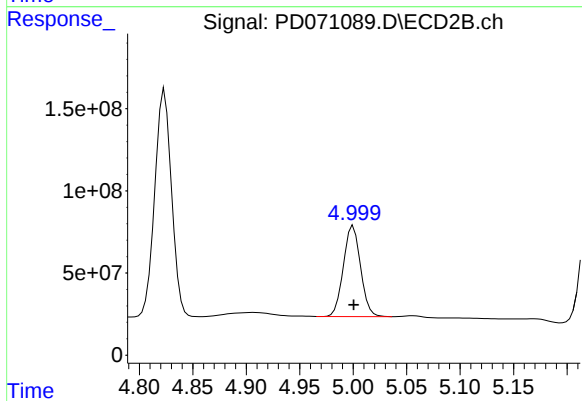
#5 Aldrin

R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: 945526239
Conc: 51.07 ng/ml



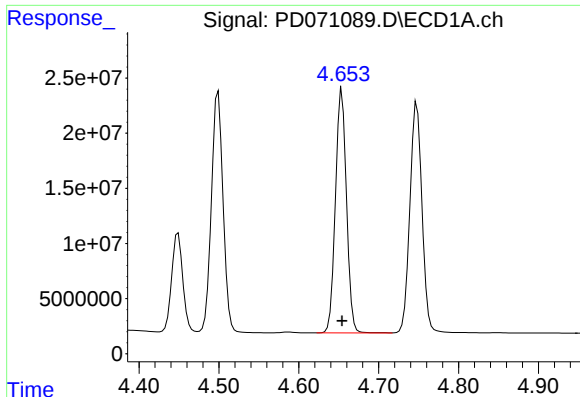
#6 beta-BHC

R.T.: 4.449 min
Delta R.T.: 0.000 min
Response: 85580196
Conc: 51.20 ng/ml



#6 beta-BHC

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 618724137
Conc: 46.13 ng/ml



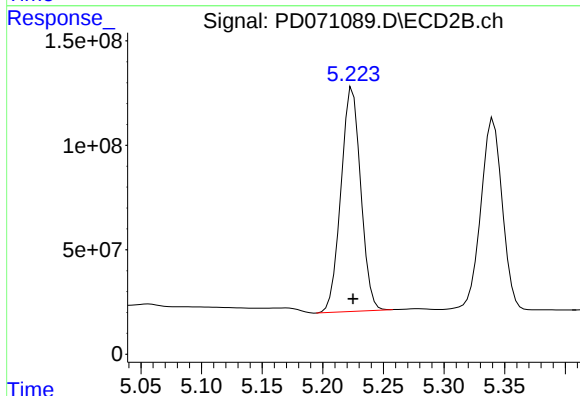
#7 delta-BHC

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 211990317
Conc: 53.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

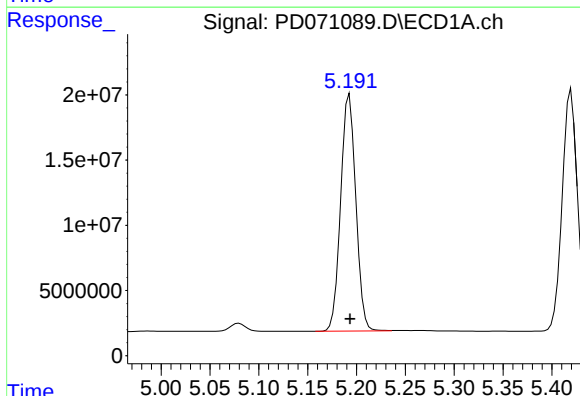
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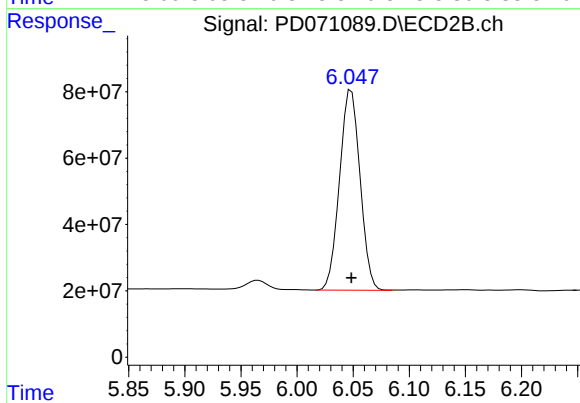
#7 delta-BHC

R.T.: 5.225 min
Delta R.T.: 0.000 min
Response: 1212063109
Conc: 51.26 ng/ml



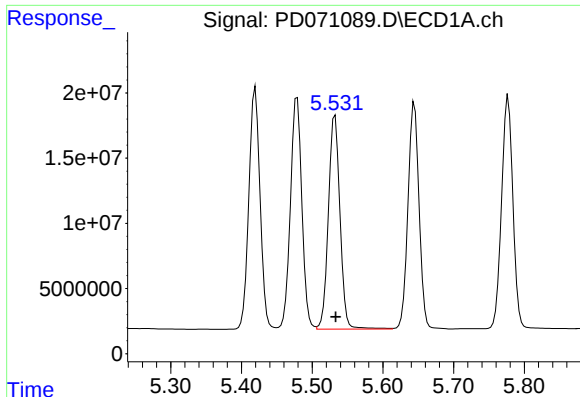
#8 Heptachlor epoxide

R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 196302772
Conc: 52.41 ng/ml



#8 Heptachlor epoxide

R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 767646060
Conc: 50.77 ng/ml



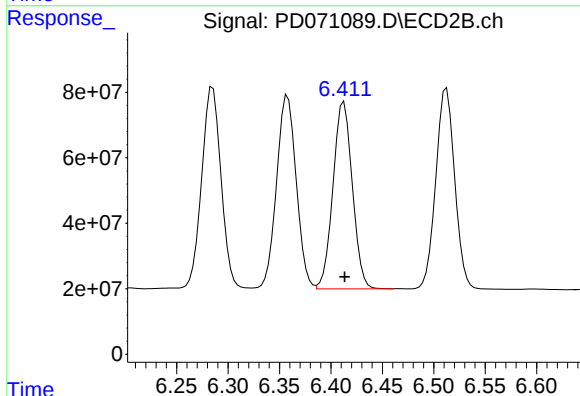
#9 Endosulfan I

R.T.: 5.532 min
Delta R.T.: 0.000 min
Response: 186796674
Conc: 53.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

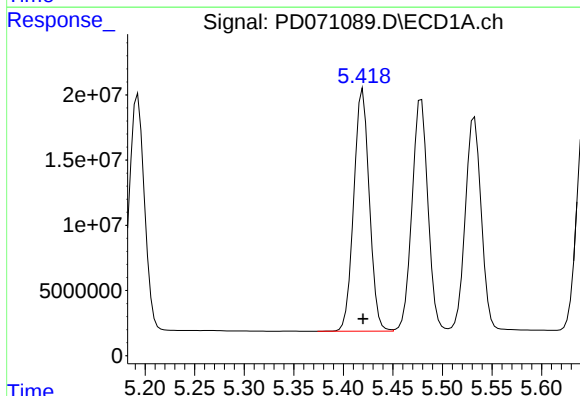
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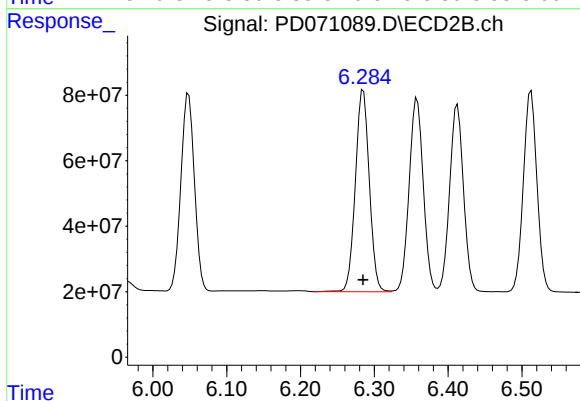
#9 Endosulfan I

R.T.: 6.413 min
Delta R.T.: 0.000 min
Response: 746449095
Conc: 51.42 ng/ml



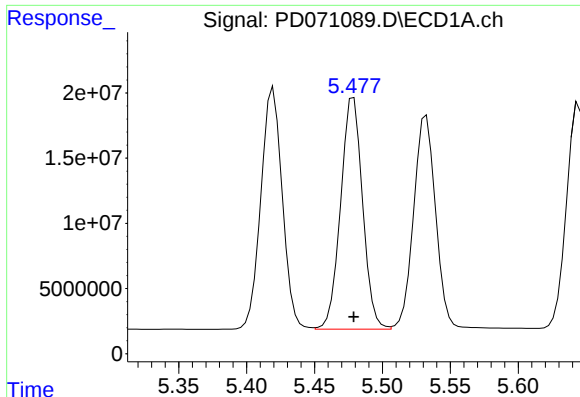
#10 gamma-Chlordane

R.T.: 5.420 min
Delta R.T.: 0.000 min
Response: 203414690
Conc: 52.31 ng/ml



#10 gamma-Chlordane

R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 810169074
Conc: 51.37 ng/ml



#11 alpha-Chlordane

R.T.: 5.479 min
Delta R.T.: 0.000 min
Response: 200005090
Conc: 52.31 ng/ml

Instrument :

ECD_D

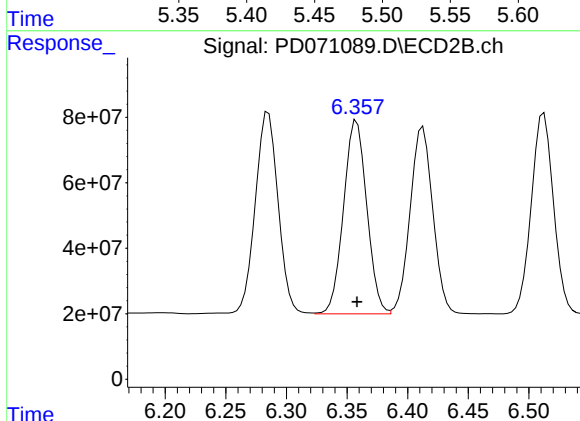
ClientSampleId :

PSTDCCC050

Manual Integrations

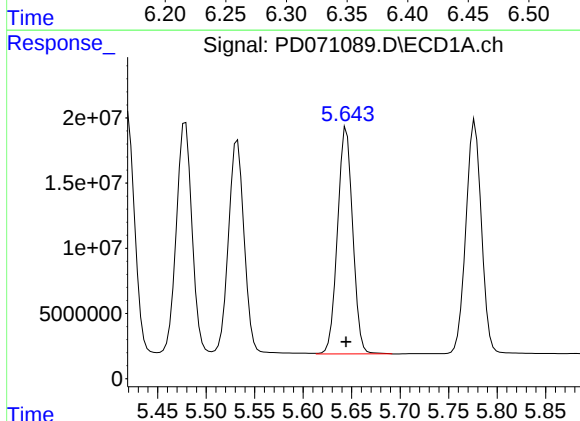
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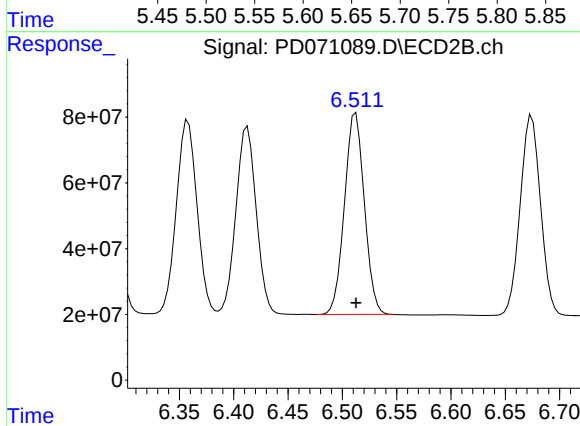
#11 alpha-Chlordane

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 787901030
Conc: 51.21 ng/ml



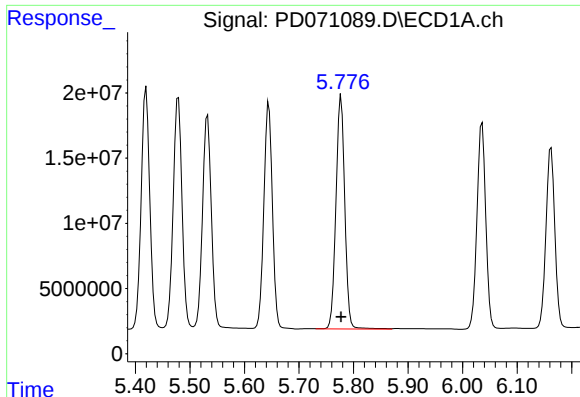
#12 4,4'-DDE

R.T.: 5.645 min
Delta R.T.: 0.000 min
Response: 188784429
Conc: 53.61 ng/ml



#12 4,4'-DDE

R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 781488279
Conc: 52.06 ng/ml



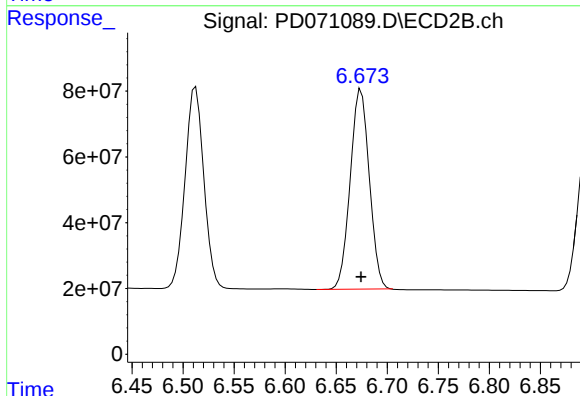
#13 Dieldrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 201883002
Conc: 53.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

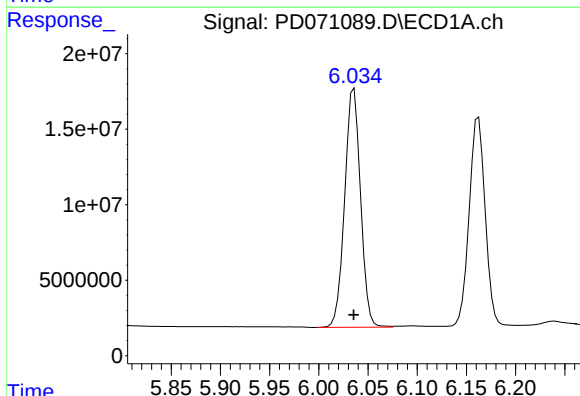
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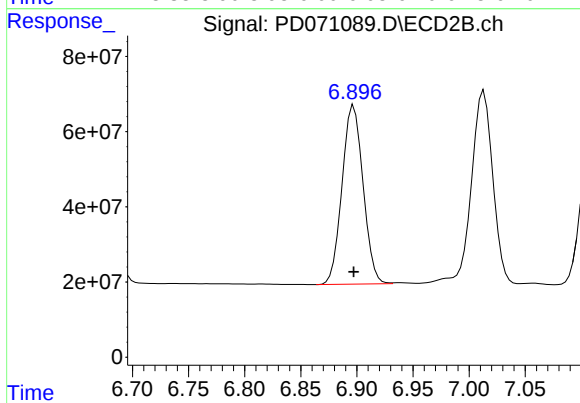
#13 Dieldrin

R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 790694473
Conc: 51.75 ng/ml



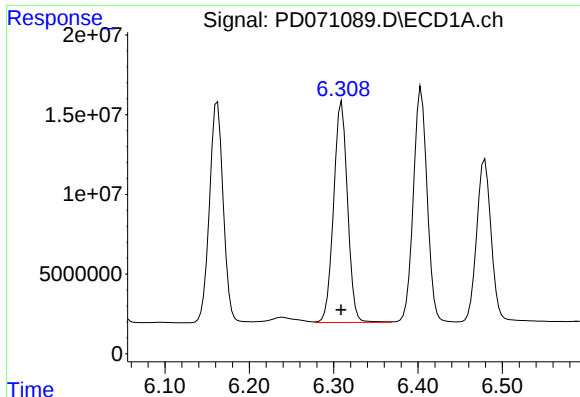
#14 Endrin

R.T.: 6.036 min
Delta R.T.: 0.000 min
Response: 177523454
Conc: 56.85 ng/ml



#14 Endrin

R.T.: 6.897 min
Delta R.T.: 0.000 min
Response: 620822874
Conc: 59.85 ng/ml



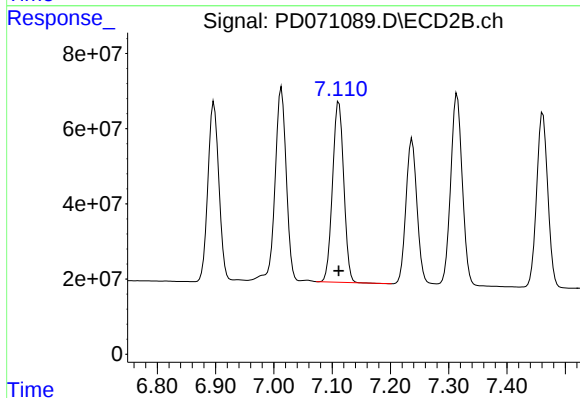
#15 Endosulfan II

R.T.: 6.310 min
Delta R.T.: 0.000 min
Response: 159084320
Conc: 52.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

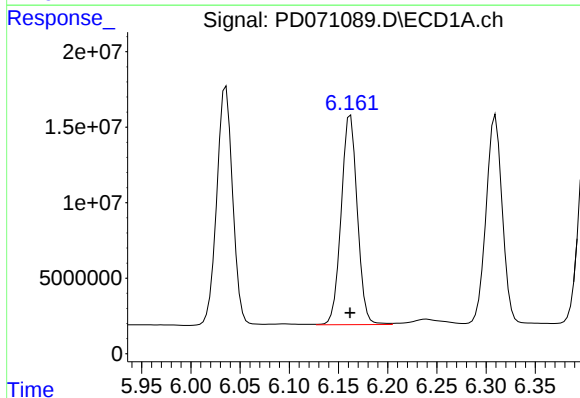
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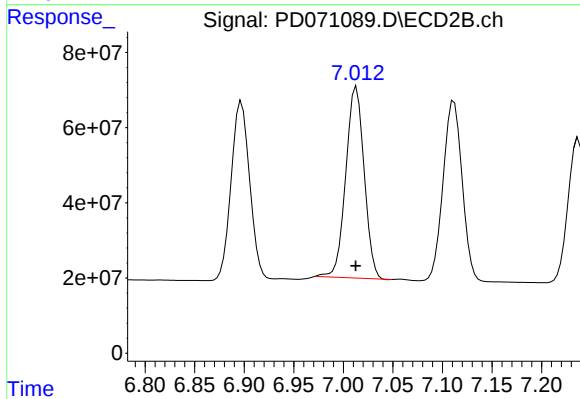
#15 Endosulfan II

R.T.: 7.112 min
Delta R.T.: 0.000 min
Response: 642426689
Conc: 51.32 ng/ml



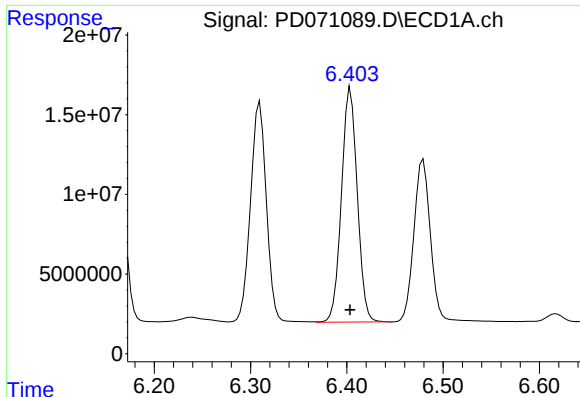
#16 4,4'-DDD

R.T.: 6.162 min
Delta R.T.: 0.000 min
Response: 158589786
Conc: 54.03 ng/ml



#16 4,4'-DDD

R.T.: 7.013 min
Delta R.T.: 0.000 min
Response: 656000718
Conc: 52.74 ng/ml



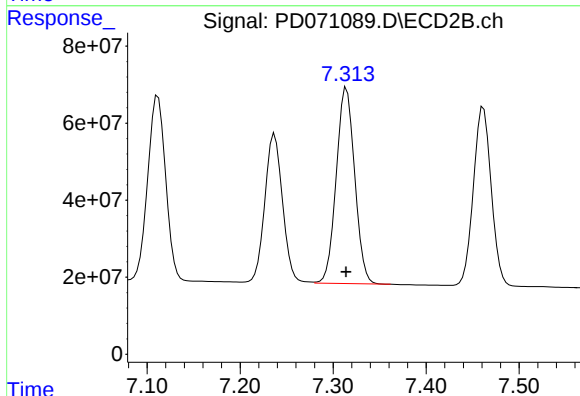
#17 4,4'-DDT

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 167101759
Conc: 54.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

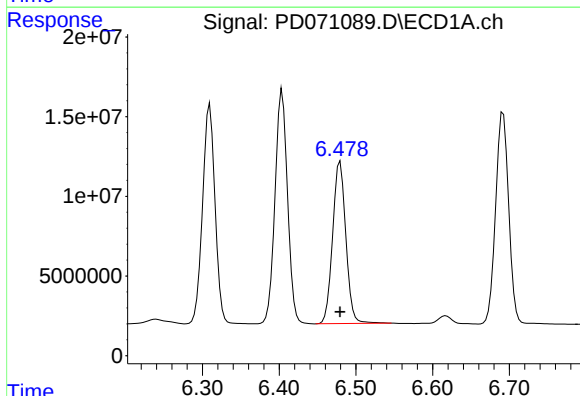
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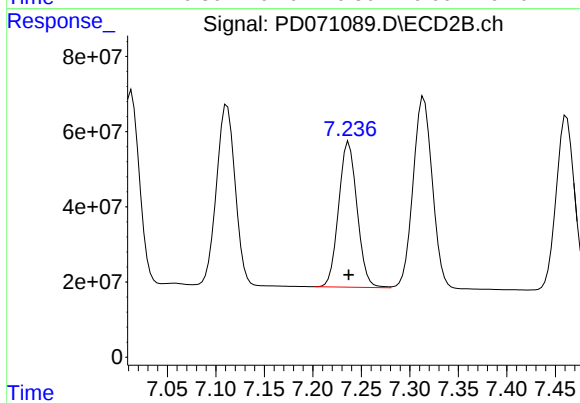
#17 4,4'-DDT

R.T.: 7.315 min
Delta R.T.: 0.000 min
Response: 701047911
Conc: 52.34 ng/ml



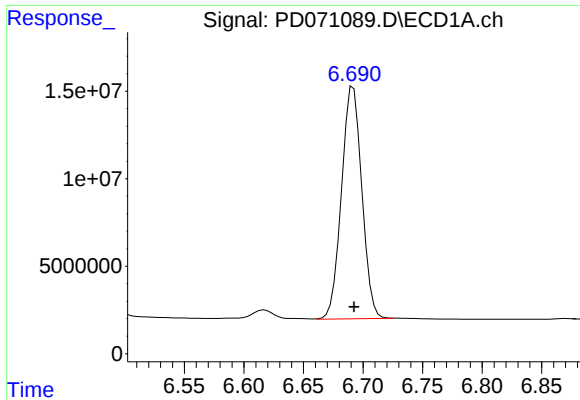
#18 Endrin aldehyde

R.T.: 6.479 min
Delta R.T.: 0.000 min
Response: 121757457
Conc: 50.76 ng/ml



#18 Endrin aldehyde

R.T.: 7.237 min
Delta R.T.: 0.000 min
Response: 511408662
Conc: 50.71 ng/ml



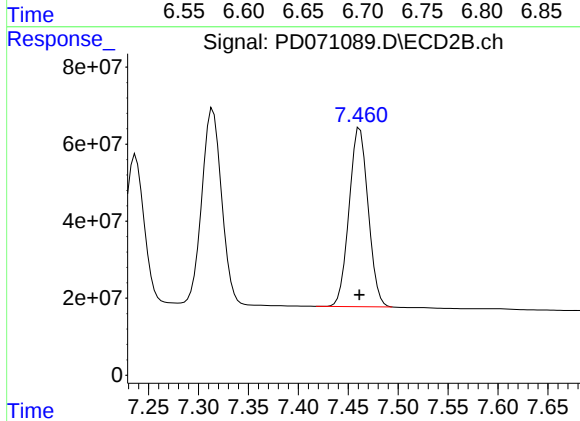
#19 Endosulfan Sulfate

R.T.: 6.690 min
Delta R.T.: -0.002 min
Response: 157462461
Conc: 52.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

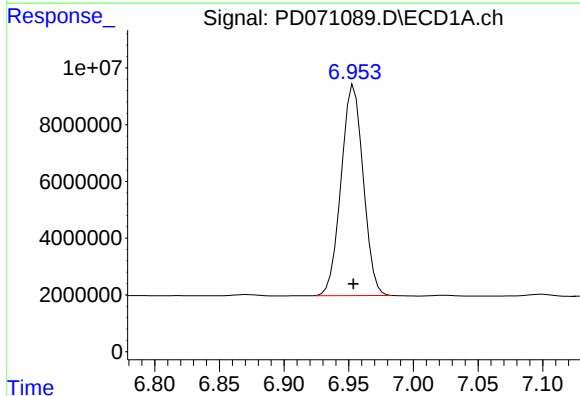
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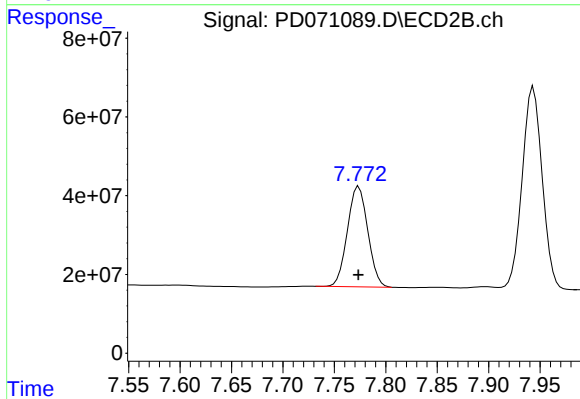
#19 Endosulfan Sulfate

R.T.: 7.462 min
Delta R.T.: 0.000 min
Response: 617143289
Conc: 51.07 ng/ml



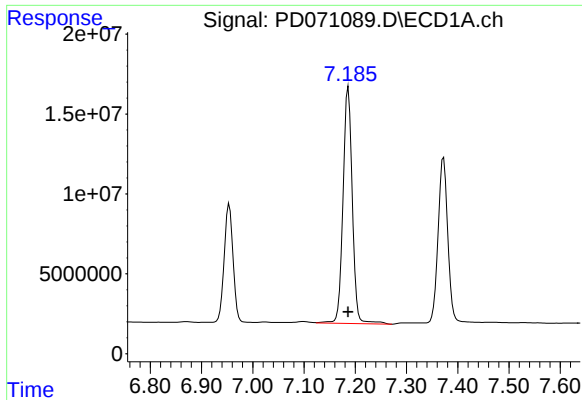
#20 Methoxychlor

R.T.: 6.953 min
Delta R.T.: -0.001 min
Response: 88189164
Conc: 53.35 ng/ml m



#20 Methoxychlor

R.T.: 7.774 min
Delta R.T.: 0.000 min
Response: 351726565
Conc: 51.19 ng/ml



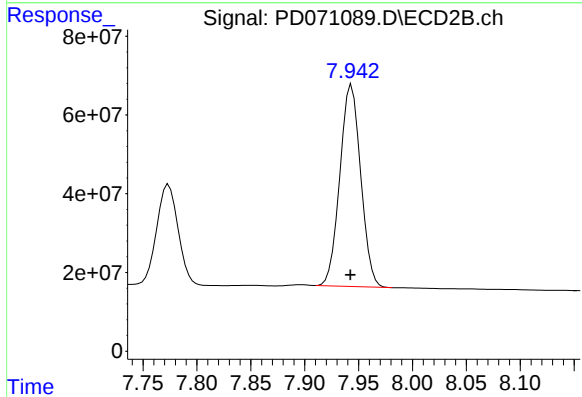
#21 Endrin ketone

R.T.: 7.186 min
Delta R.T.: 0.000 min
Response: 185885926
Conc: 53.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

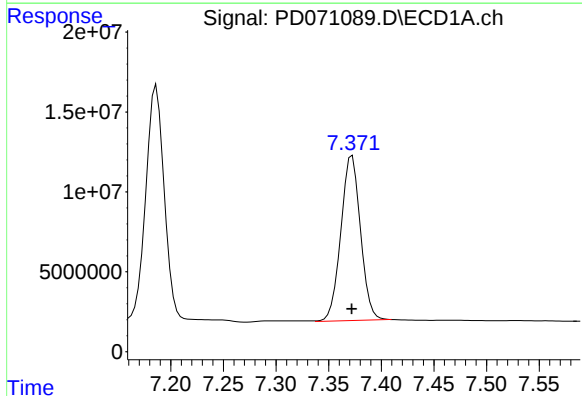
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/22/2022
Supervised By :Ankita Jodhani 07/22/2022



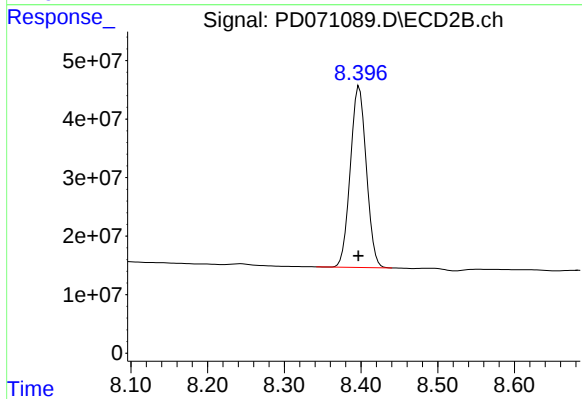
#21 Endrin ketone

R.T.: 7.944 min
Delta R.T.: 0.001 min
Response: 690249712
Conc: 49.87 ng/ml



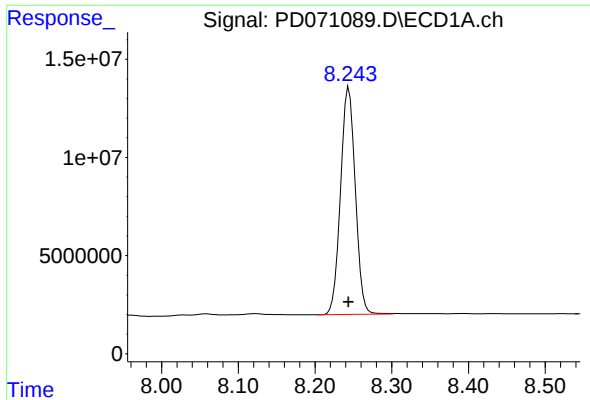
#22 Mirex

R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 134017289
Conc: 48.34 ng/ml m



#22 Mirex

R.T.: 8.398 min
Delta R.T.: 0.001 min
Response: 451770429
Conc: 49.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.244 min
Delta R.T.: 0.000 min
Response: 154800725
Conc: 50.67 ng/ml

Instrument :

ECD_D

ClientSampleId :

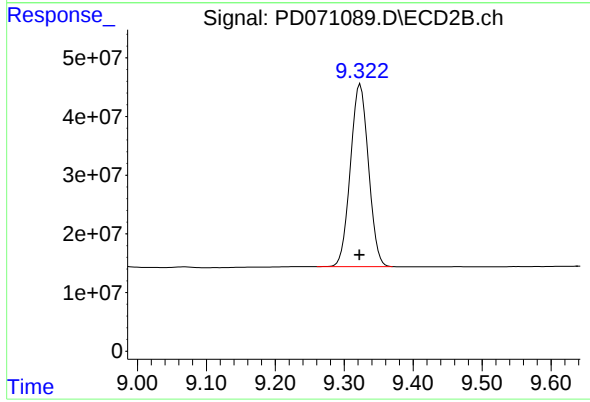
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 9.323 min
Delta R.T.: 0.001 min
Response: 566385664
Conc: 49.66 ng/ml