

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091422\
 Data File : PD071864.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2022 10:17
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/14/2022
 Supervised By : Ankita Jodhani 09/14/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 14 04:57:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091022.M
 Quant Title : GC Extractables
 QLast Update : Sat Sep 10 22:11:50 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...	2.806	3.565	129.7E6	1571.4E6	53.028	54.760
28)	SA Decachlor...	7.997	9.091	117.7E6	491.4E6	46.715	52.853
Target Compounds							
2)	A alpha-BHC	3.315	4.031	206.6E6	2201.9E6	53.619	54.871
3)	MA gamma-BHC...	3.648	4.366	189.1E6	1787.8E6	53.858	54.451
4)	MA Heptachlor	3.994	4.944	199.0E6	1299.4E6	53.216	53.779
5)	MB Aldrin	4.278	5.286	201.2E6	1085.6E6	54.935	53.550
6)	B beta-BHC	3.946	4.573	79587006	707.2E6	52.529	53.506
7)	B delta-BHC	4.180	4.820	194.1E6	1387.2E6	55.079	59.347
8)	B Heptachlo...	4.784	5.718	174.3E6	912.3E6	53.309	59.167
9)	A Endosulfan I	5.158	6.105	159.6E6	815.4E6	50.207	55.308
10)	B gamma-Chl...	5.037	5.971	180.6E6	863.1E6	53.566	53.716m
11)	B alpha-Chl...	5.101	6.050	177.3E6	857.0E6	53.423	54.929
12)	B 4,4'-DDE	5.292	6.223	166.3E6	799.9E6	54.361	54.298
13)	MA Dieldrin	5.425	6.383	176.8E6	827.1E6	52.870	54.566
14)	MA Endrin	5.702	6.615	150.2E6	631.6E6	50.698	50.004
15)	B Endosulfa...	5.997	6.841	136.9E6	640.4E6	49.713	51.719
16)	A 4,4'-DDD	5.850	6.747	140.4E6	656.4E6	55.353	55.229
17)	MA 4,4'-DDT	6.104	7.058	137.6E6	646.7E6	52.271	52.347
18)	B Endrin al...	6.178	6.972	108.8E6	510.8E6	49.191	52.906
19)	B Endosulfa...	6.402	7.205	133.9E6	601.9E6	49.942	53.975
20)	A Methoxychlor	6.683	7.535	72978844	321.9E6	48.739	52.947
21)	B Endrin ke...	6.912	7.697	155.8E6	670.8E6	51.916	53.934
22)	Mirex	7.098	8.159	117.1E6	444.3E6	49.669	51.304

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091422\
Data File : PD071864.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Sep 2022 10:17
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

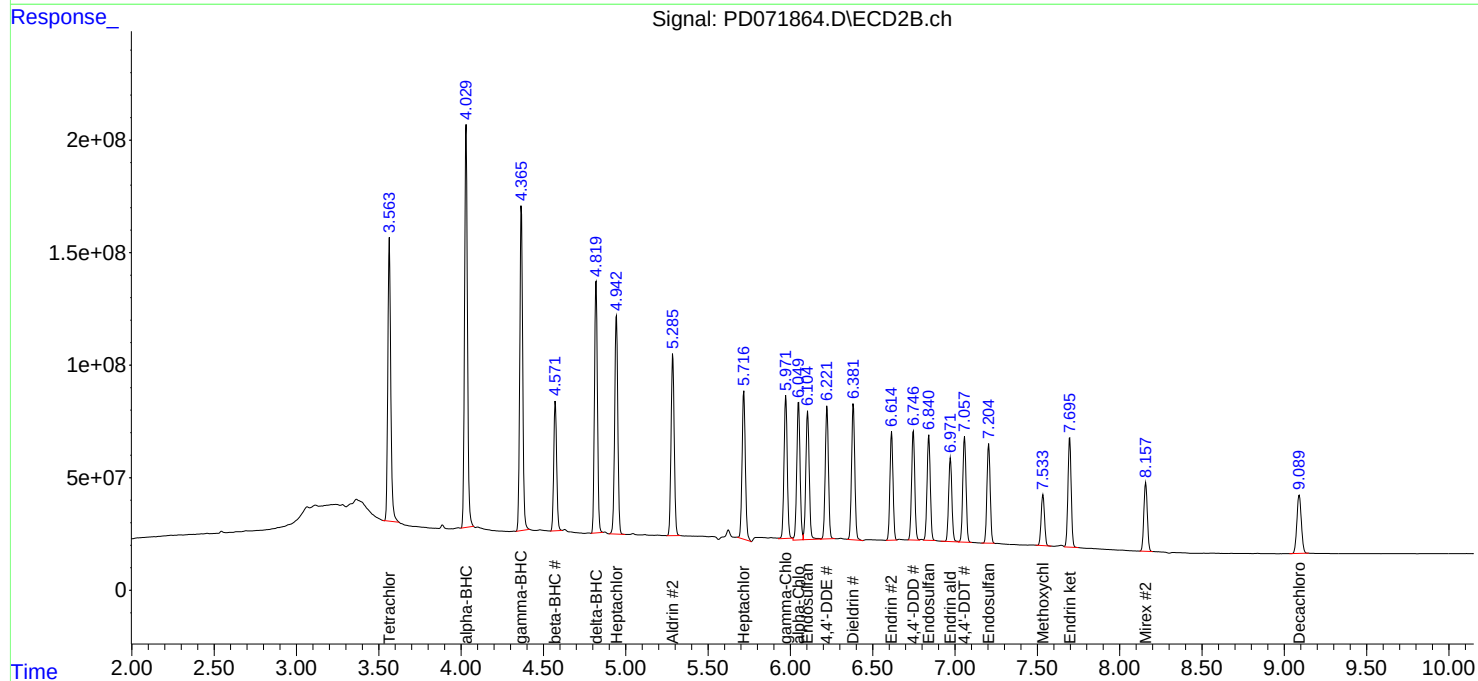
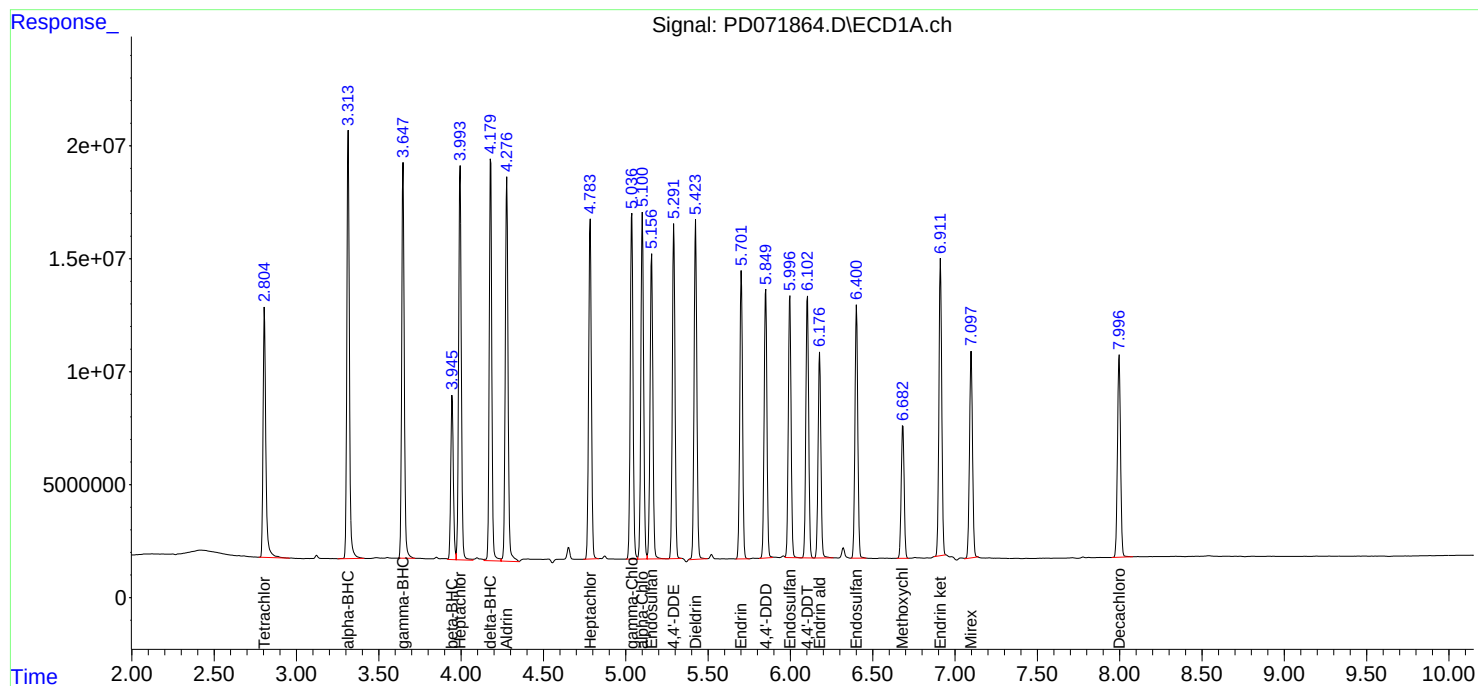
Manual Integrations

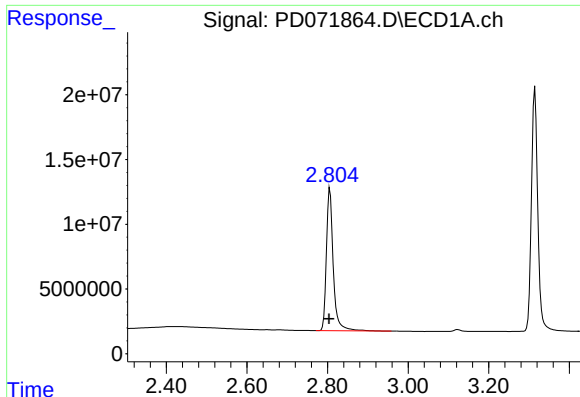
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Reviewed By :Abdul Mirza 09/14/2022
Supervised By :Ankita Jodhani 09/14/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 14 04:57:22 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091022.M
Quant Title : GC Extractables
QLast Update : Sat Sep 10 22:11:50 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.: 2.806 min
Delta R.T.: 0.002 min
Response: 129667905
Conc: 53.03 ng/ml

Instrument :

ECD_D

ClientSampleId :

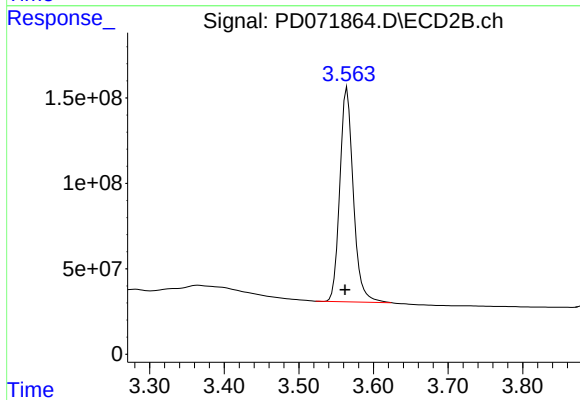
PSTDCCC050

Manual Integrations

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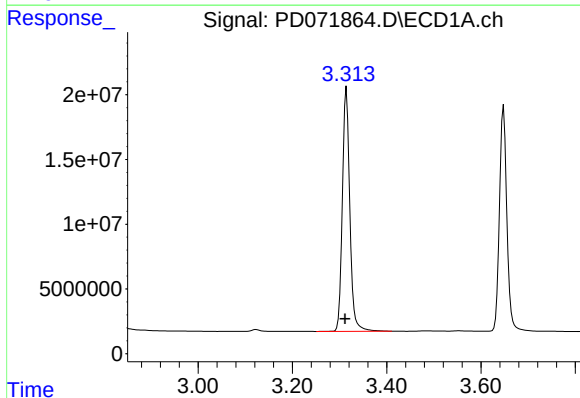
Reviewed By :Abdul Mirza 09/14/2022

Supervised By :Ankita Jodhani 09/14/2022



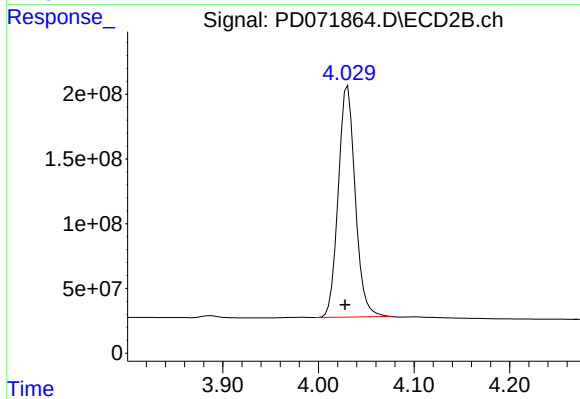
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: 0.003 min
Response: 1571362004
Conc: 54.76 ng/ml



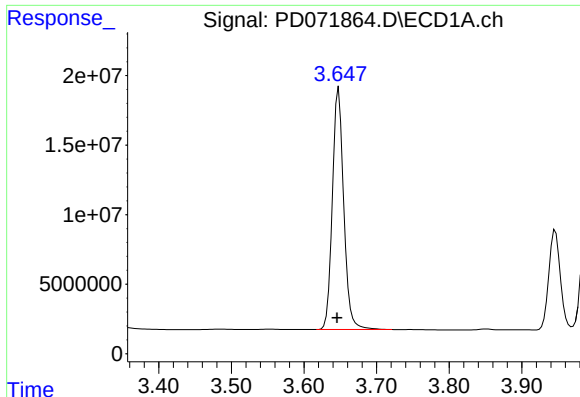
#2 alpha-BHC

R.T.: 3.315 min
Delta R.T.: 0.003 min
Response: 206635587
Conc: 53.62 ng/ml



#2 alpha-BHC

R.T.: 4.031 min
Delta R.T.: 0.003 min
Response: 2201921754
Conc: 54.87 ng/ml



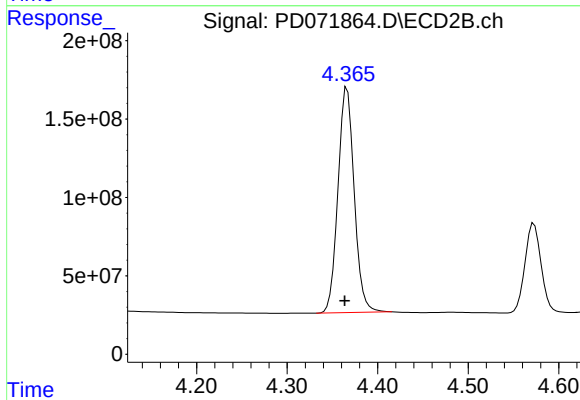
#3 gamma-BHC (Lindane)

R.T.: 3.648 min
Delta R.T.: 0.002 min
Response: 189102136
Conc: 53.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

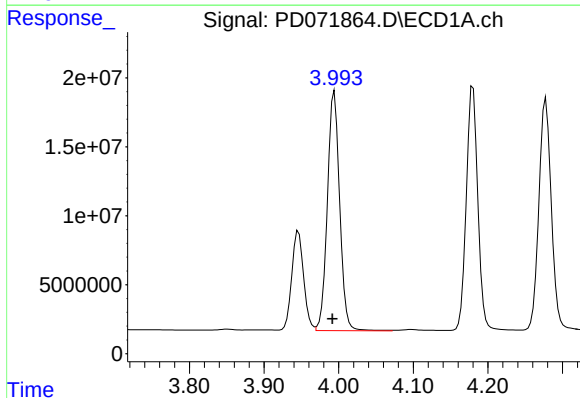
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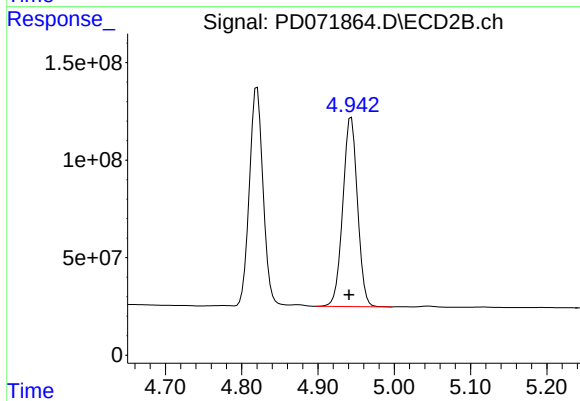
#3 gamma-BHC (Lindane)

R.T.: 4.366 min
Delta R.T.: 0.003 min
Response: 1787771285
Conc: 54.45 ng/ml



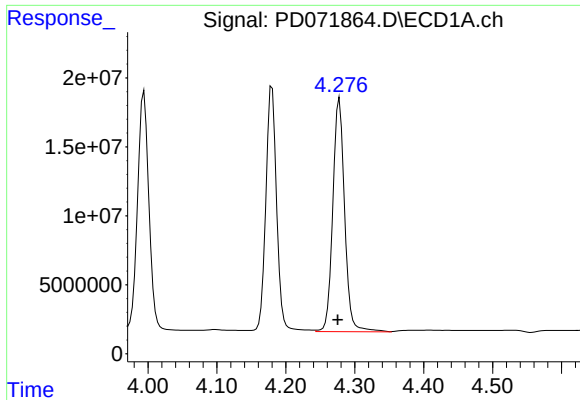
#4 Heptachlor

R.T.: 3.994 min
Delta R.T.: 0.003 min
Response: 198959943
Conc: 53.22 ng/ml



#4 Heptachlor

R.T.: 4.944 min
Delta R.T.: 0.003 min
Response: 1299413565
Conc: 53.78 ng/ml



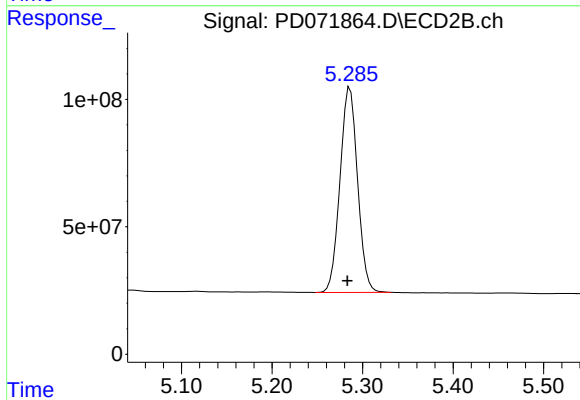
#5 Aldrin

R.T.: 4.278 min
Delta R.T.: 0.002 min
Response: 201165451
Conc: 54.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

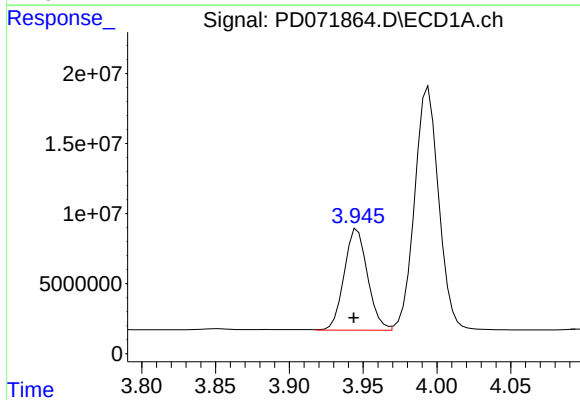
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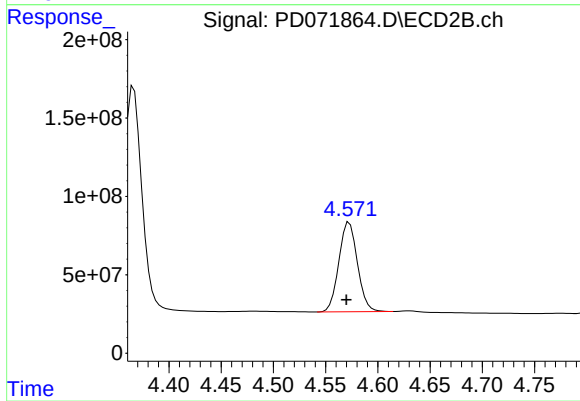
#5 Aldrin

R.T.: 5.286 min
Delta R.T.: 0.003 min
Response: 1085560528
Conc: 53.55 ng/ml



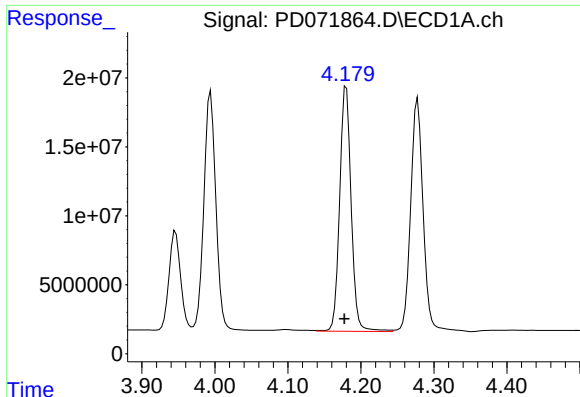
#6 beta-BHC

R.T.: 3.946 min
Delta R.T.: 0.002 min
Response: 79587006
Conc: 52.53 ng/ml



#6 beta-BHC

R.T.: 4.573 min
Delta R.T.: 0.003 min
Response: 707171822
Conc: 53.51 ng/ml



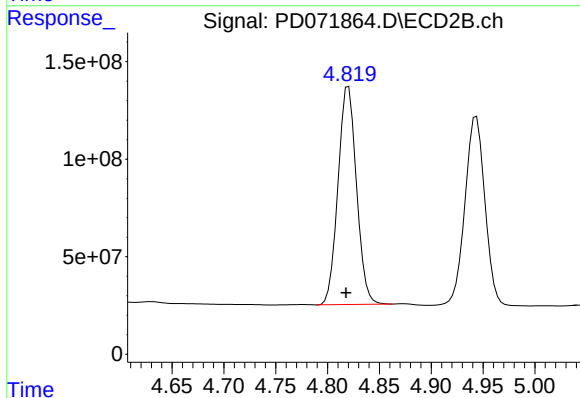
#7 delta-BHC

R.T.: 4.180 min
Delta R.T.: 0.003 min
Response: 194103814
Conc: 55.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

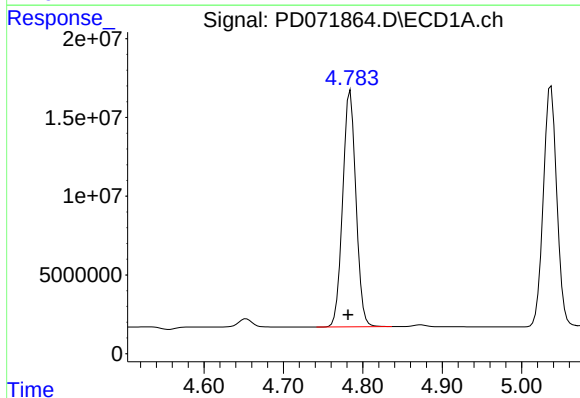
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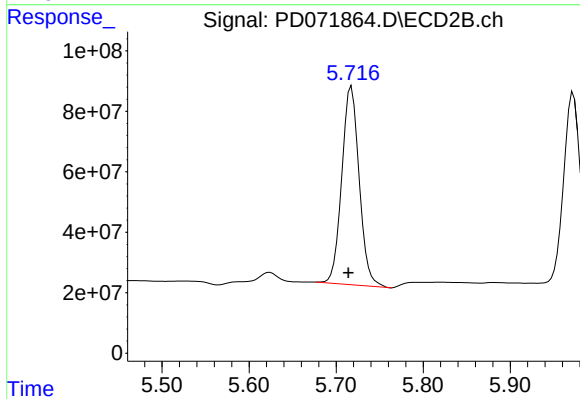
#7 delta-BHC

R.T.: 4.820 min
Delta R.T.: 0.002 min
Response: 1387210053
Conc: 59.35 ng/ml



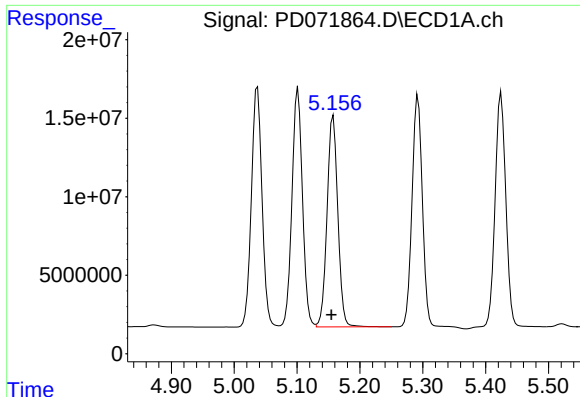
#8 Heptachlor epoxide

R.T.: 4.784 min
Delta R.T.: 0.003 min
Response: 174319062
Conc: 53.31 ng/ml



#8 Heptachlor epoxide

R.T.: 5.718 min
Delta R.T.: 0.003 min
Response: 912344415
Conc: 59.17 ng/ml



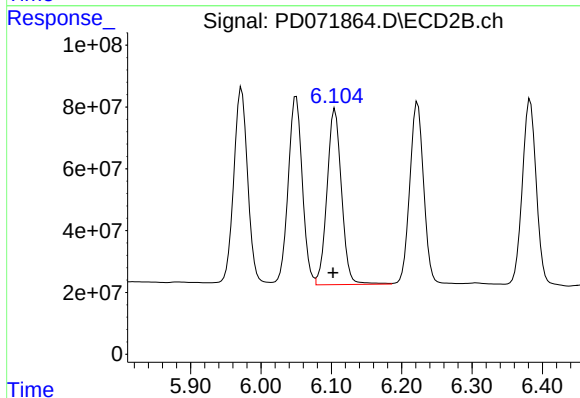
#9 Endosulfan I

R.T.: 5.158 min
Delta R.T.: 0.003 min
Response: 159567801
Conc: 50.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

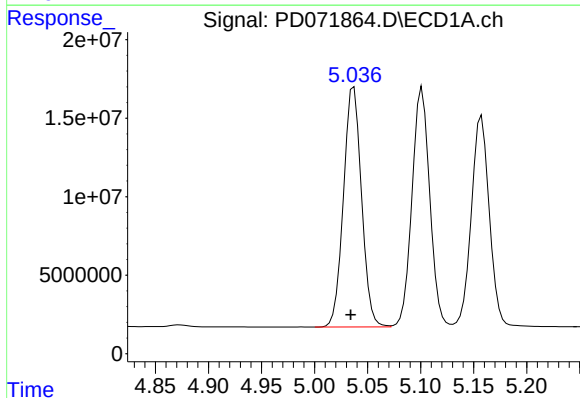
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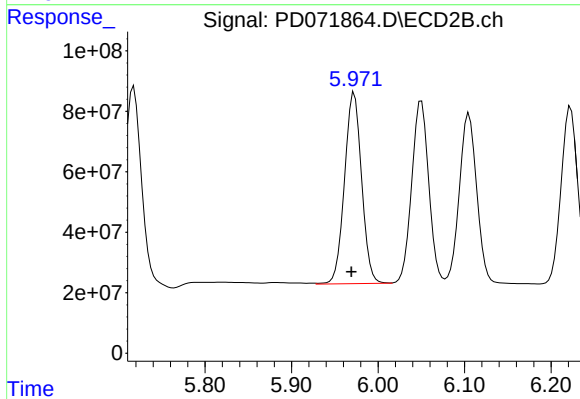
#9 Endosulfan I

R.T.: 6.105 min
Delta R.T.: 0.003 min
Response: 815350944
Conc: 55.31 ng/ml



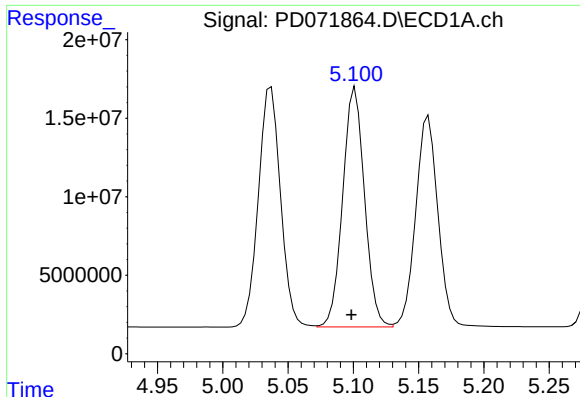
#10 gamma-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.003 min
Response: 180573016
Conc: 53.57 ng/ml



#10 gamma-Chlordane

R.T.: 5.971 min
Delta R.T.: 0.002 min
Response: 863095700
Conc: 53.72 ng/ml m



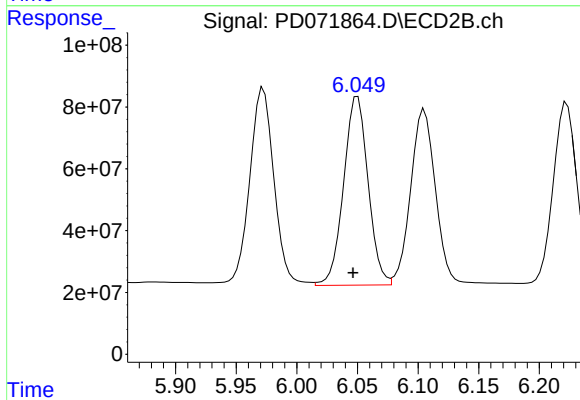
#11 alpha-Chlordane

R.T.: 5.101 min
Delta R.T.: 0.003 min
Response: 177294998
Conc: 53.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

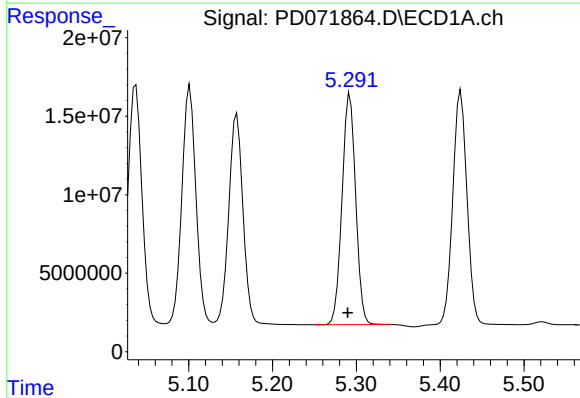
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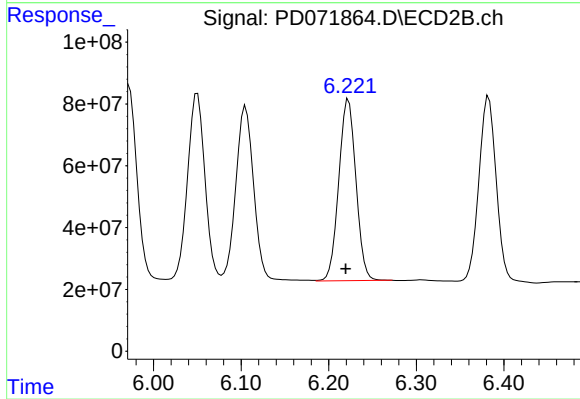
#11 alpha-Chlordane

R.T.: 6.050 min
Delta R.T.: 0.004 min
Response: 857034102
Conc: 54.93 ng/ml



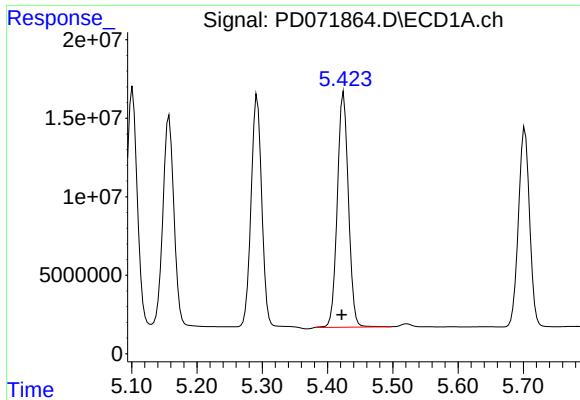
#12 4,4'-DDE

R.T.: 5.292 min
Delta R.T.: 0.003 min
Response: 166328728
Conc: 54.36 ng/ml



#12 4,4'-DDE

R.T.: 6.223 min
Delta R.T.: 0.003 min
Response: 799873241
Conc: 54.30 ng/ml



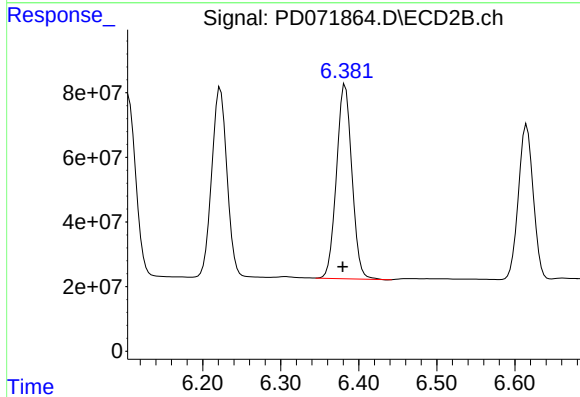
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: 0.003 min
Response: 176830823
Conc: 52.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

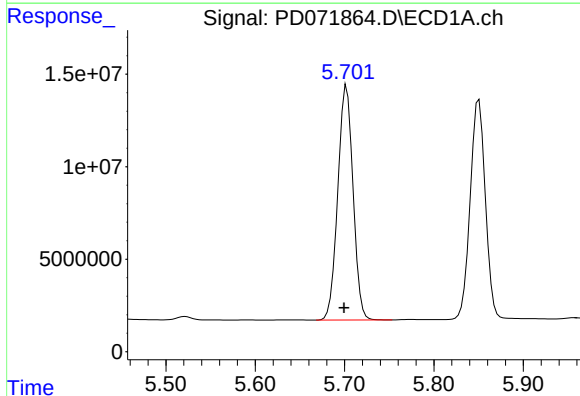
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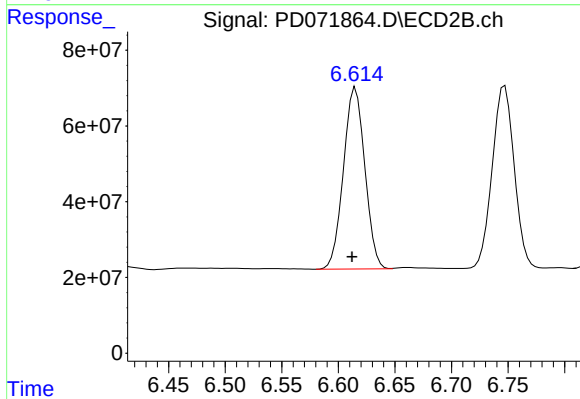
#13 Dieldrin

R.T.: 6.383 min
Delta R.T.: 0.003 min
Response: 827051019
Conc: 54.57 ng/ml



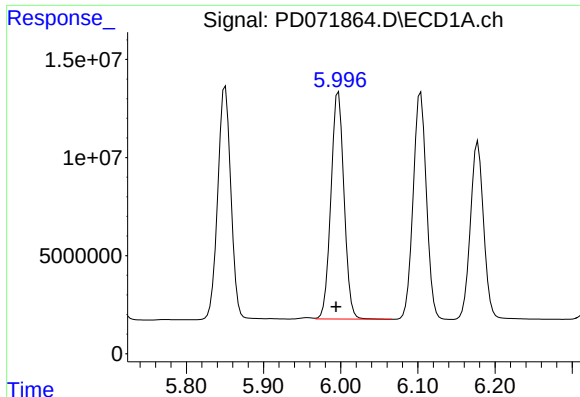
#14 Endrin

R.T.: 5.702 min
Delta R.T.: 0.003 min
Response: 150209008
Conc: 50.70 ng/ml



#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.003 min
Response: 631578484
Conc: 50.00 ng/ml



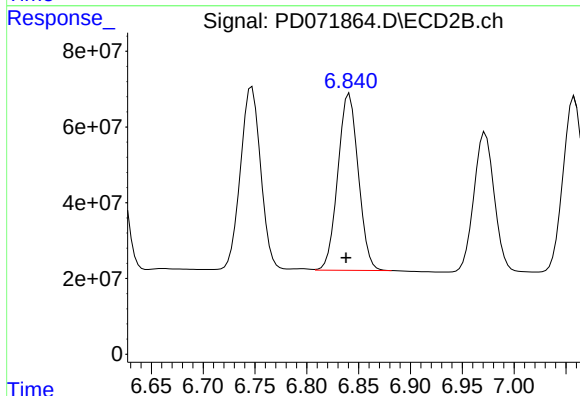
#15 Endosulfan II

R.T.: 5.997 min
Delta R.T.: 0.003 min
Response: 136939021
Conc: 49.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

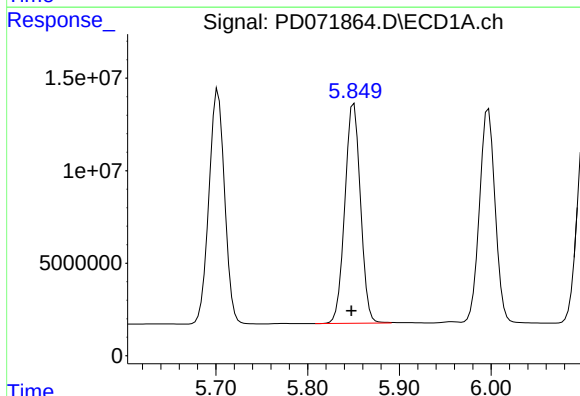
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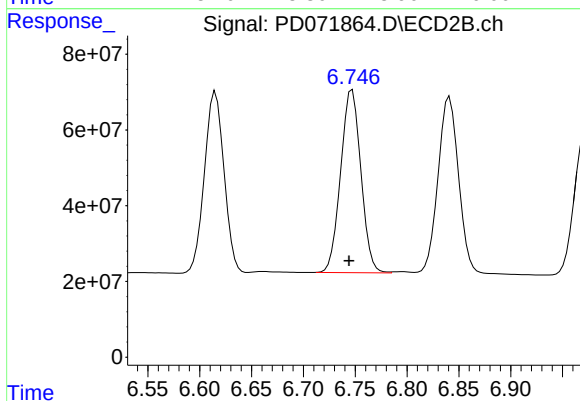
#15 Endosulfan II

R.T.: 6.841 min
Delta R.T.: 0.003 min
Response: 640414984
Conc: 51.72 ng/ml



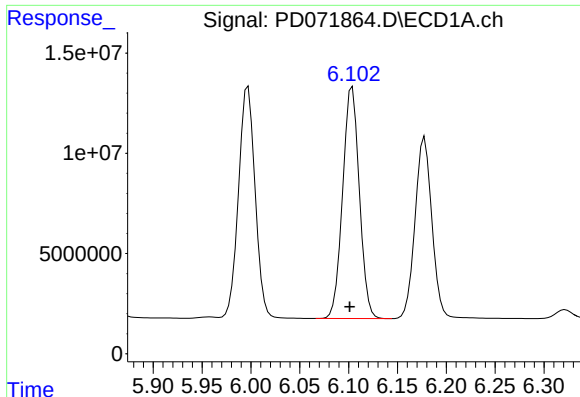
#16 4,4'-DDD

R.T.: 5.850 min
Delta R.T.: 0.003 min
Response: 140350541
Conc: 55.35 ng/ml



#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: 0.003 min
Response: 656423939
Conc: 55.23 ng/ml



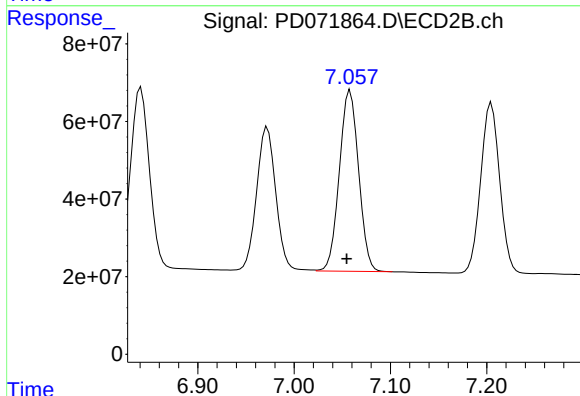
#17 4,4'-DDT

R.T.: 6.104 min
Delta R.T.: 0.003 min
Response: 137575896
Conc: 52.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

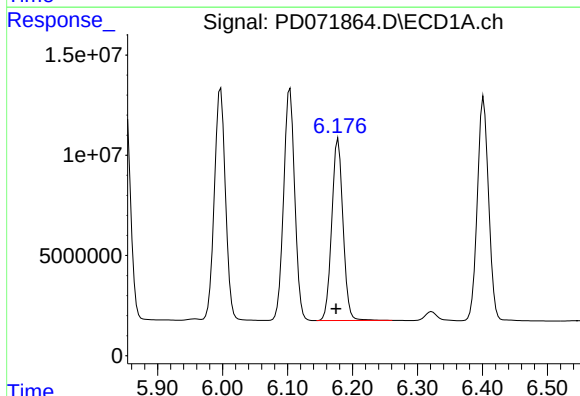
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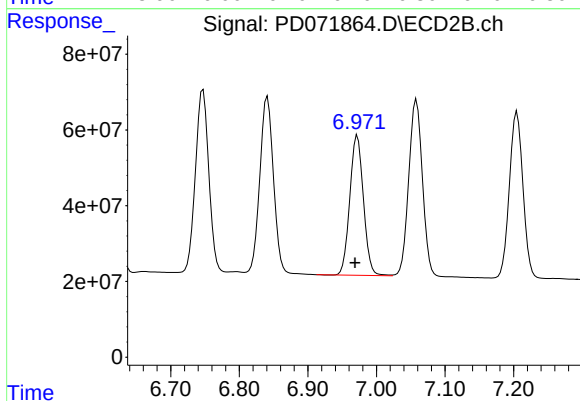
#17 4,4'-DDT

R.T.: 7.058 min
Delta R.T.: 0.004 min
Response: 646680756
Conc: 52.35 ng/ml



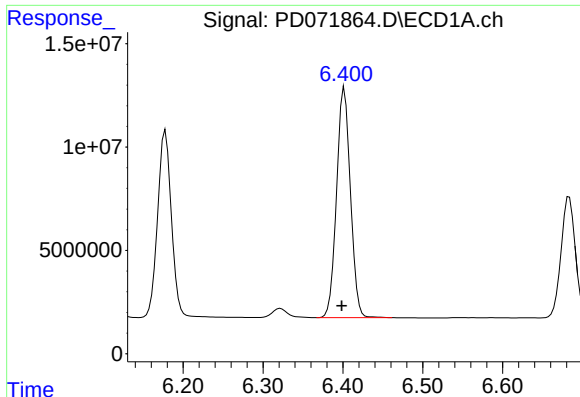
#18 Endrin aldehyde

R.T.: 6.178 min
Delta R.T.: 0.003 min
Response: 108786864
Conc: 49.19 ng/ml



#18 Endrin aldehyde

R.T.: 6.972 min
Delta R.T.: 0.003 min
Response: 510815164
Conc: 52.91 ng/ml



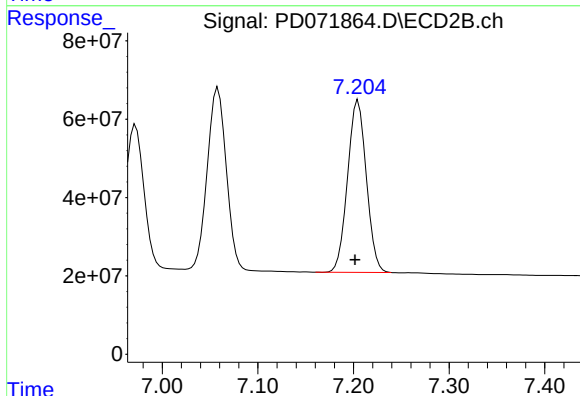
#19 Endosulfan Sulfate

R.T.: 6.402 min
Delta R.T.: 0.003 min
Response: 133940080
Conc: 49.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

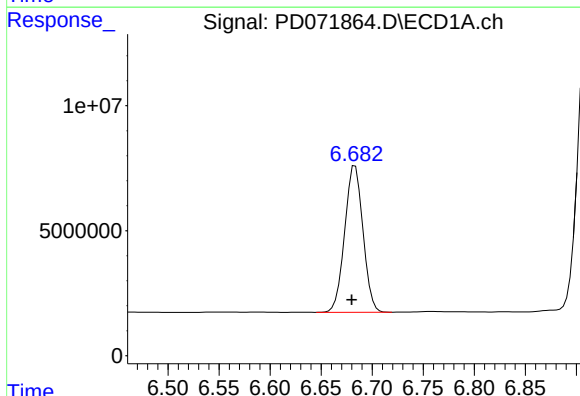
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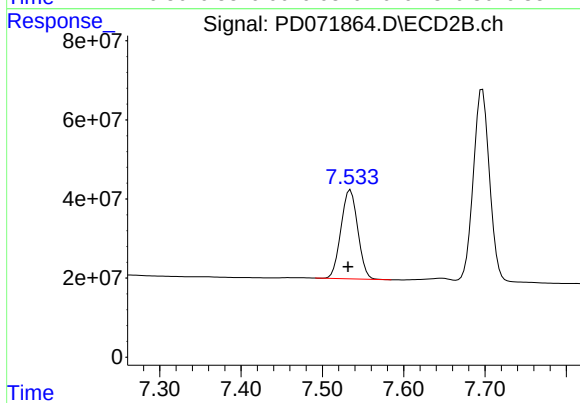
#19 Endosulfan Sulfate

R.T.: 7.205 min
Delta R.T.: 0.003 min
Response: 601946640
Conc: 53.97 ng/ml



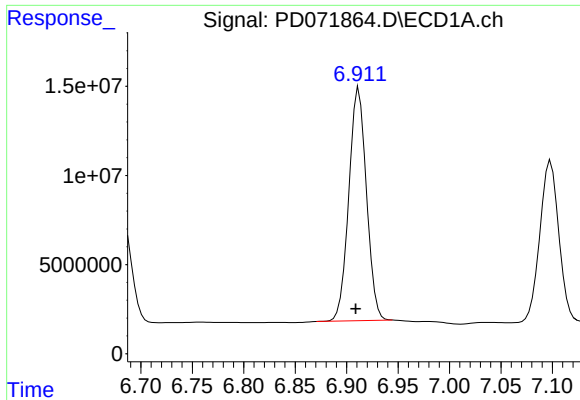
#20 Methoxychlor

R.T.: 6.683 min
Delta R.T.: 0.003 min
Response: 72978844
Conc: 48.74 ng/ml



#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.003 min
Response: 321868148
Conc: 52.95 ng/ml



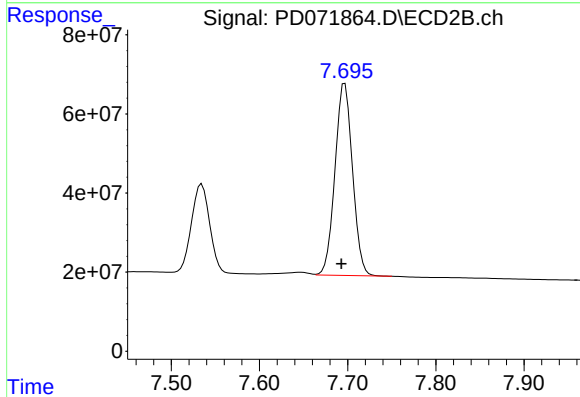
#21 Endrin ketone

R.T.: 6.912 min
Delta R.T.: 0.003 min
Response: 155777213
Conc: 51.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

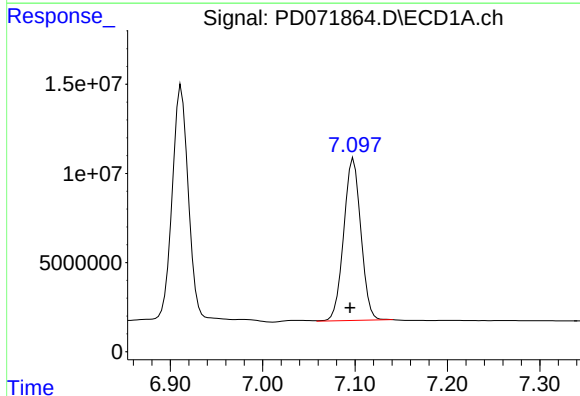
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Reviewed By :Abdul Mirza 09/14/2022
Supervised By :Ankita Jodhani 09/14/2022



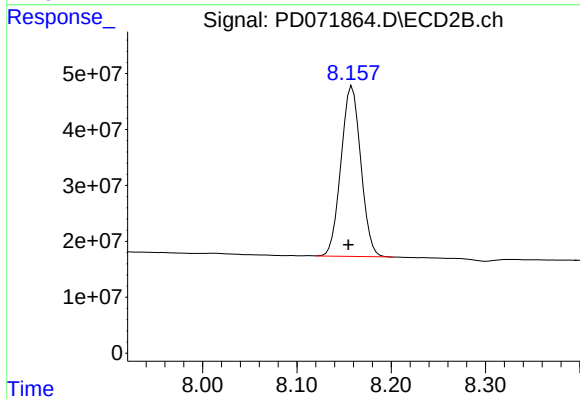
#21 Endrin ketone

R.T.: 7.697 min
Delta R.T.: 0.004 min
Response: 670787642
Conc: 53.93 ng/ml



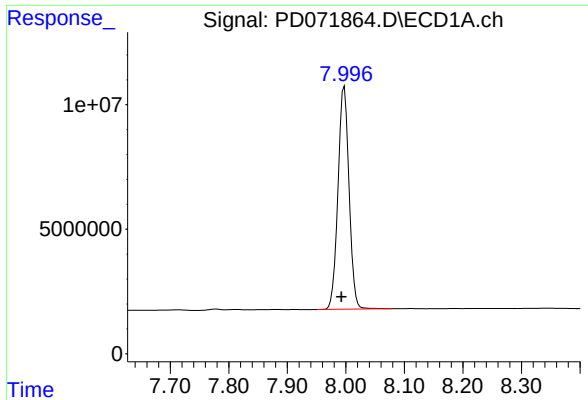
#22 Mirex

R.T.: 7.098 min
Delta R.T.: 0.004 min
Response: 117059125
Conc: 49.67 ng/ml



#22 Mirex

R.T.: 8.159 min
Delta R.T.: 0.004 min
Response: 444300493
Conc: 51.30 ng/ml



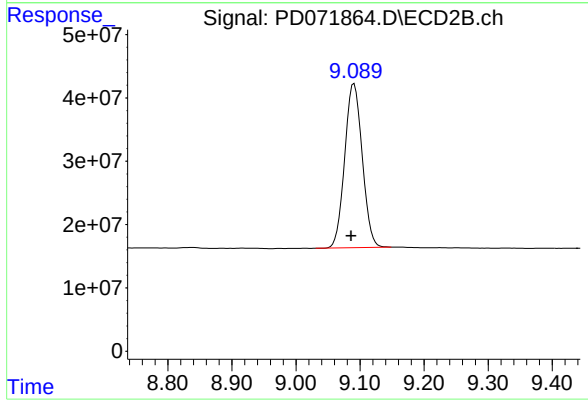
#28 Decachlorobiphenyl

R.T.: 7.997 min
Delta R.T.: 0.005 min
Response: 117688100
Conc: 46.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/14/2022
Supervised By :Ankita Jodhani 09/14/2022



#28 Decachlorobiphenyl

R.T.: 9.091 min
Delta R.T.: 0.005 min
Response: 491385383
Conc: 52.85 ng/ml