

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100522\
 Data File : PD072213.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Oct 2022 11:03
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/06/2022
 Supervised By : Ankita Jodhani 10/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 11:58:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 05 11:57:08 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...	2.744	3.497	12444413	202.7E6	4.934	5.711
2) SA Decachlor...	7.920	8.985	14368821	56572283	5.772	5.718
Target Compounds						
2) A alpha-BHC	3.249	3.958	17740475	278.7E6	4.309	5.571m#
3) MA gamma-BHC...	3.579	4.294	16207535	241.4E6	4.372	6.036 #
4) MA Heptachlor	3.923	4.867	17739108	180.2E6	4.660	6.254m#
5) MB Aldrin	4.205	5.208	16475858	148.7E6	4.589	6.470 #
6) B beta-BHC	3.879	4.500	8754449	98682116	5.628	6.160m
7) B delta-BHC	4.110	4.747	16349303	155.1E6	4.372	5.269
8) B Heptachlo...	4.711	5.640	15728154	115.6E6	4.910	6.394 #
9) A Endosulfan I	5.083	6.024	14774110	97828064	4.970	5.940m
10) B gamma-Chl...	4.963	5.893	16097481	107.4E6	4.902	5.998m
11) B alpha-Chl...	5.028	5.970	15980135	104.6E6	4.991	6.042m
12) B 4,4'-DDE	5.220	6.146	14084637	105.2E6	4.571	6.140 #
13) MA Dieldrin	5.349	6.302	15042428	99015413	4.725	5.845
14) MA Endrin	5.625	6.533	13278703	74034798	4.910	5.288m
15) B Endosulfa...	5.920	6.761	12477458	75058537	4.850m	5.644
16) A 4,4'-DDD	5.777	6.668	12510814	75147458	4.791	5.438m
17) MA 4,4'-DDT	6.030	6.978	11549022	73636869	4.296	5.222m
18) B Endrin al...	6.102	6.892	11519951	61247547	5.492	5.761
19) B Endosulfa...	6.326	7.124	14334067	69328586	5.302	5.551
20) A Methoxychlor	6.610	7.457	8135184	38032269	5.273	5.534
21) B Endrin ke...	6.834	7.614	15899309	77866245	4.974	5.642
22) Mirex	7.017	8.073	12926940	51982372	5.715	5.694

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100522\
 Data File : PD072213.D
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 Acq On : 05 Oct 2022 11:03
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

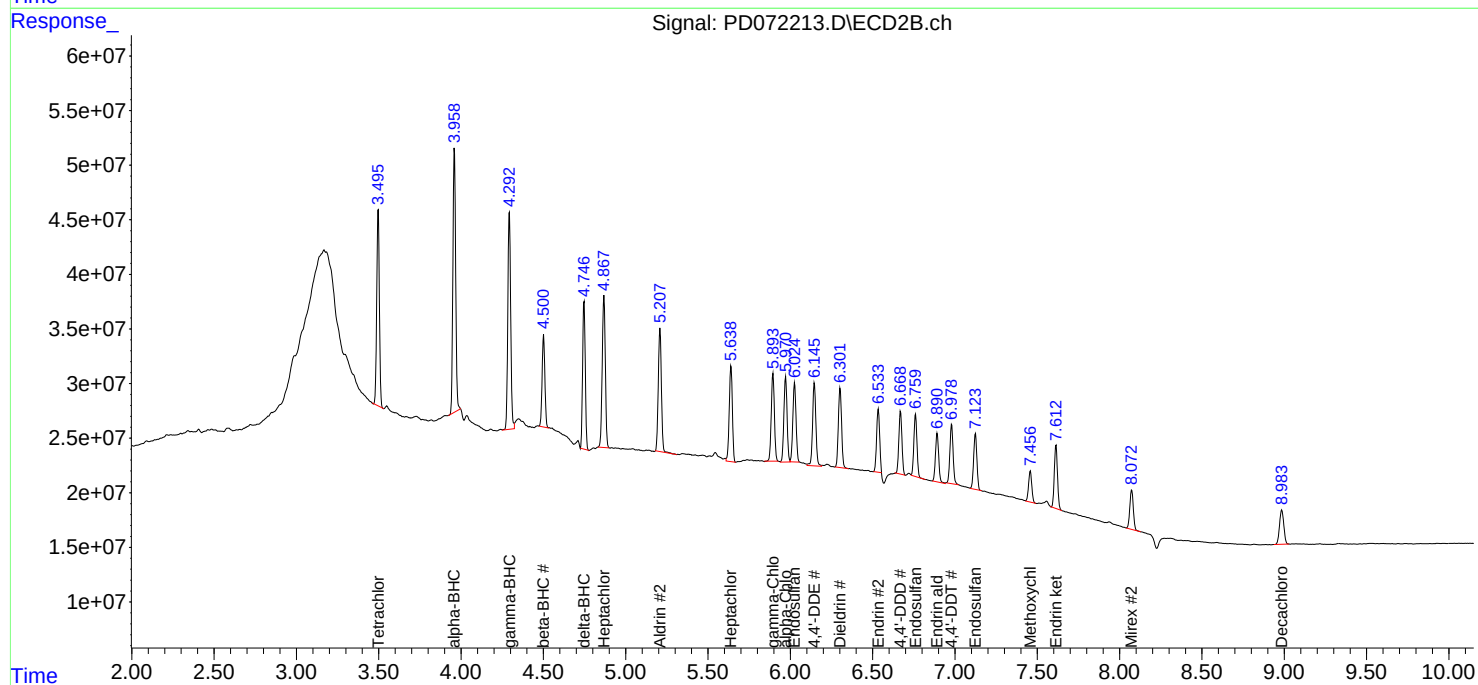
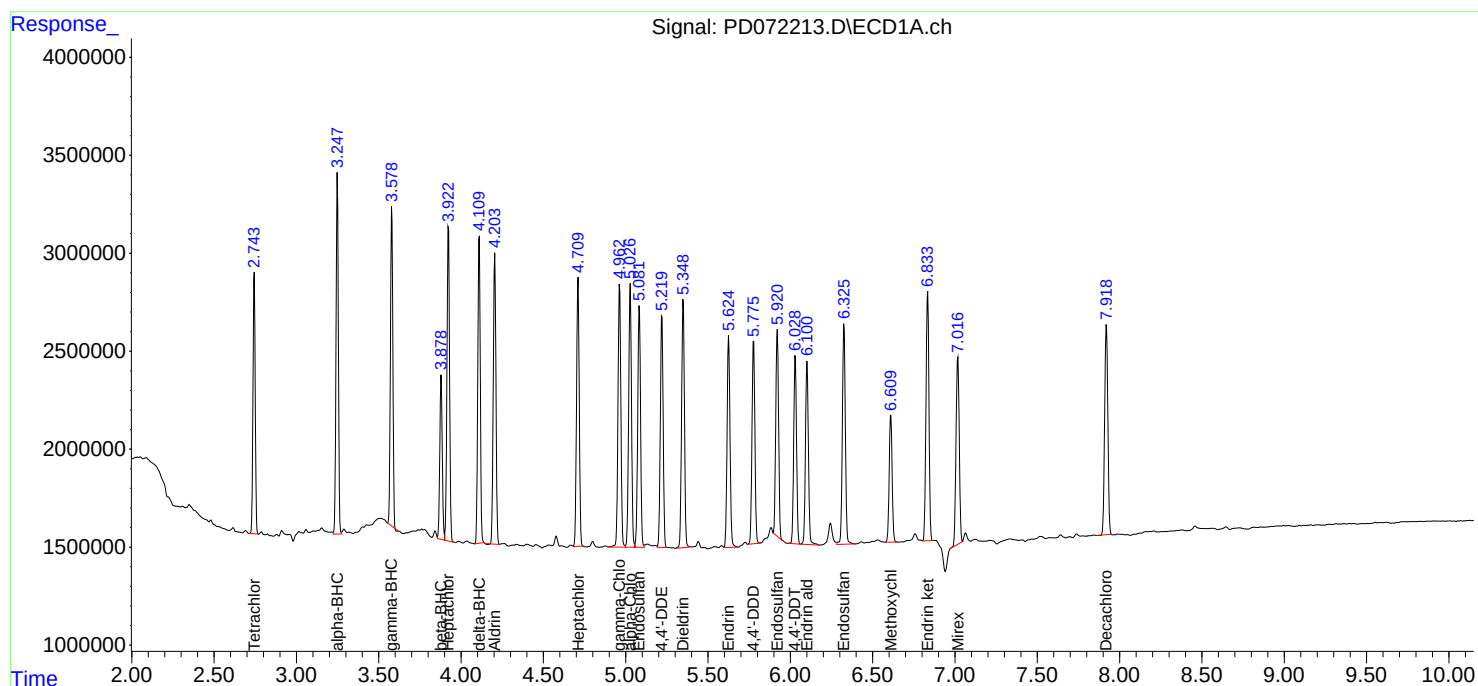
Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC005

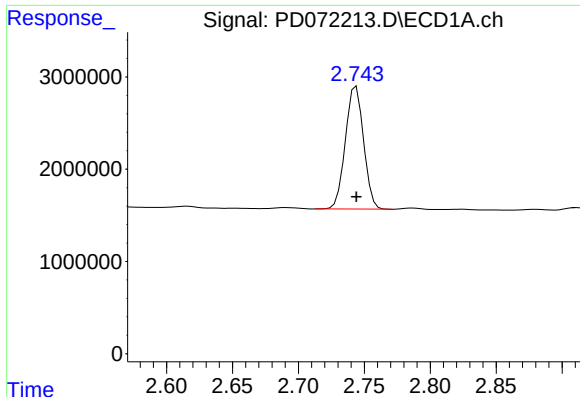
Manual Integrations APPROVED

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 Supervised By : Ankita Jodhani 10/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 11:58:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100522.M
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Volume Inj. : 2 µl
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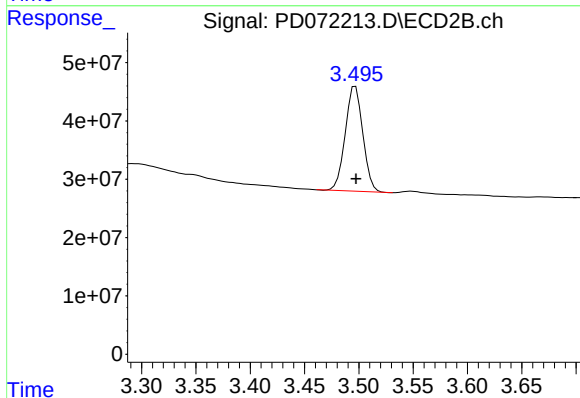
#1 Tetrachloro-m-xylene

R.T.: 2.744 min
Delta R.T.: 0.000 min
Response: 12444413
Conc: 4.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

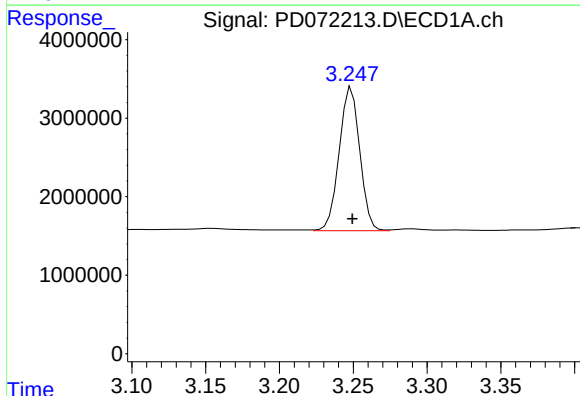
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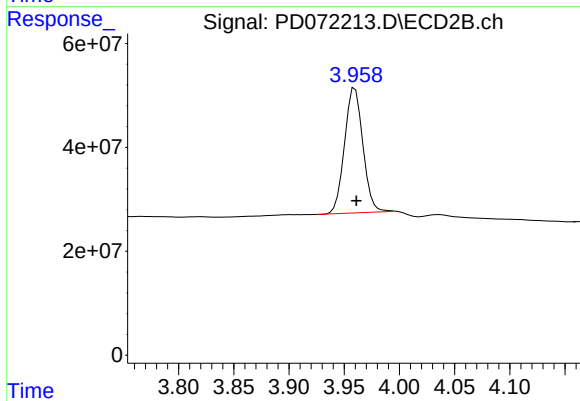
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: 0.000 min
Response: 202686549
Conc: 5.71 ng/ml



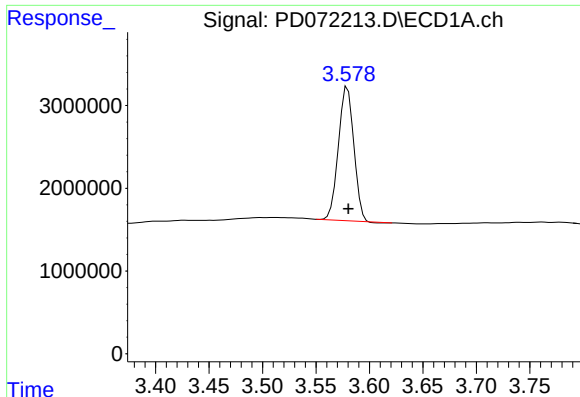
#2 alpha-BHC

R.T.: 3.249 min
Delta R.T.: 0.000 min
Response: 17740475
Conc: 4.31 ng/ml



#2 alpha-BHC

R.T.: 3.958 min
Delta R.T.: -0.003 min
Response: 278747679
Conc: 5.57 ng/ml m



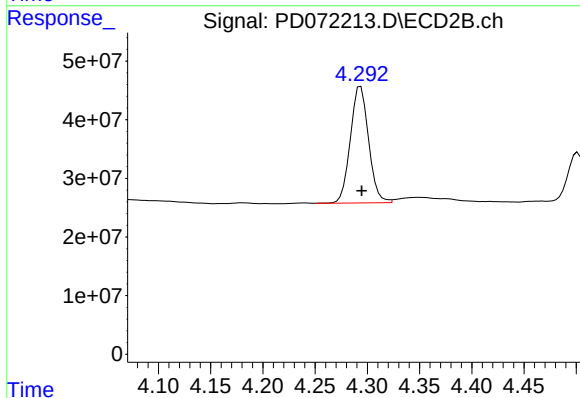
#3 gamma-BHC (Lindane)

R.T.: 3.579 min
Delta R.T.: 0.000 min
Response: 16207535
Conc: 4.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

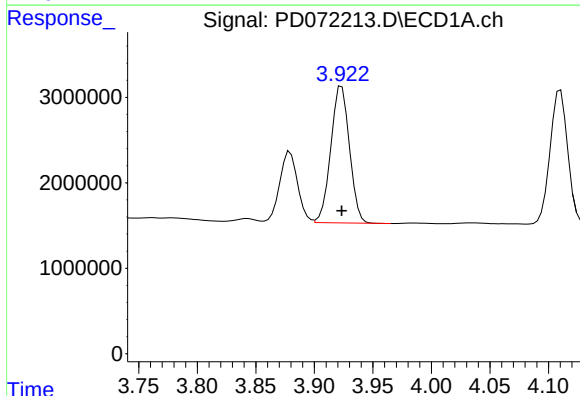
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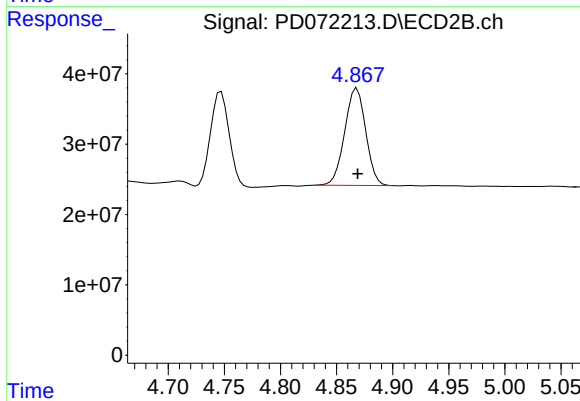
#3 gamma-BHC (Lindane)

R.T.: 4.294 min
Delta R.T.: -0.001 min
Response: 241425089
Conc: 6.04 ng/ml



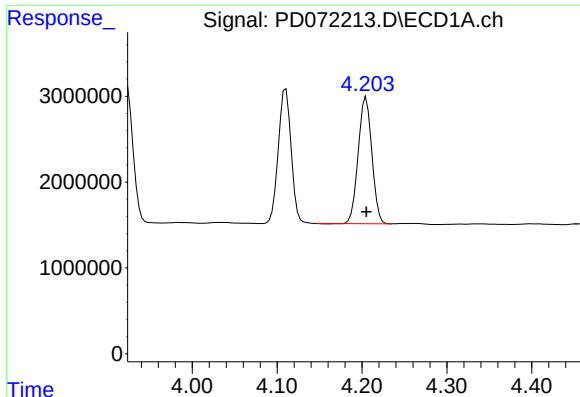
#4 Heptachlor

R.T.: 3.923 min
Delta R.T.: 0.000 min
Response: 17739108
Conc: 4.66 ng/ml



#4 Heptachlor

R.T.: 4.867 min
Delta R.T.: -0.002 min
Response: 180208501
Conc: 6.25 ng/ml m



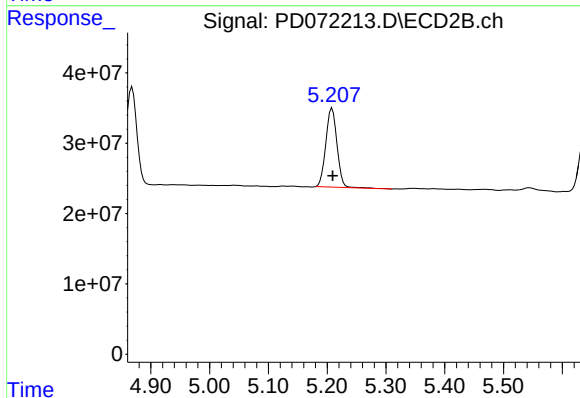
#5 Aldrin

R.T.: 4.205 min
Delta R.T.: 0.000 min
Response: 16475858
Conc: 4.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

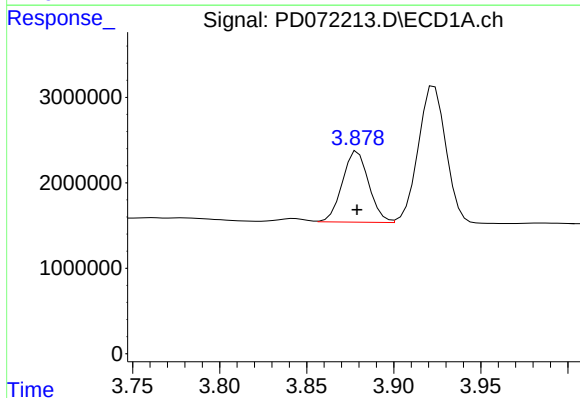
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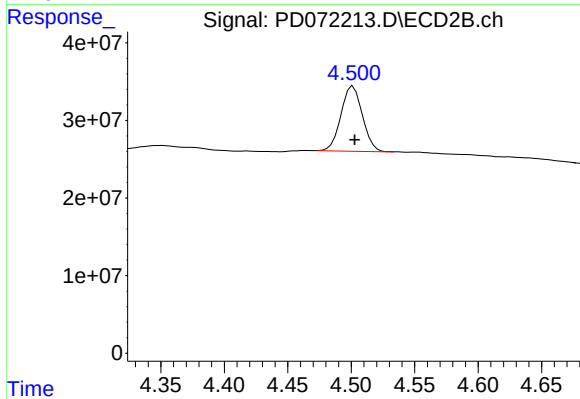
#5 Aldrin

R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 148677824
Conc: 6.47 ng/ml



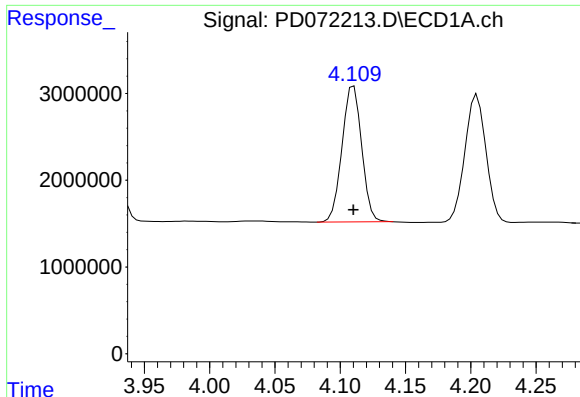
#6 beta-BHC

R.T.: 3.879 min
Delta R.T.: 0.000 min
Response: 8754449
Conc: 5.63 ng/ml



#6 beta-BHC

R.T.: 4.500 min
Delta R.T.: -0.003 min
Response: 98682116
Conc: 6.16 ng/ml m



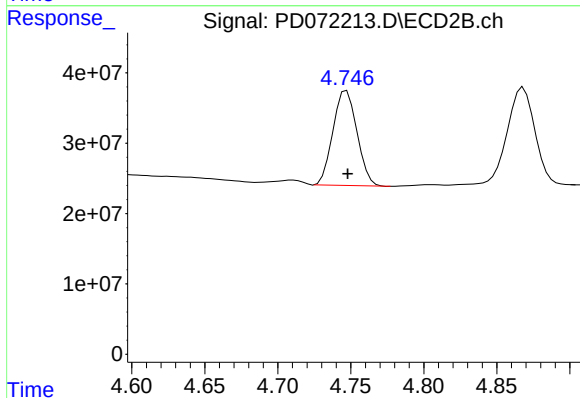
#7 delta-BHC

R.T.: 4.110 min
Delta R.T.: 0.000 min
Response: 16349303
Conc: 4.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

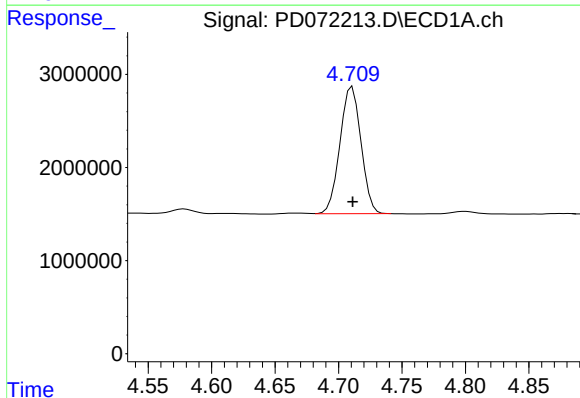
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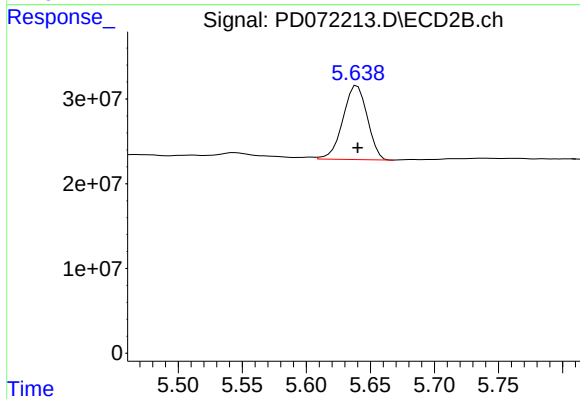
#7 delta-BHC

R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 155145039
Conc: 5.27 ng/ml



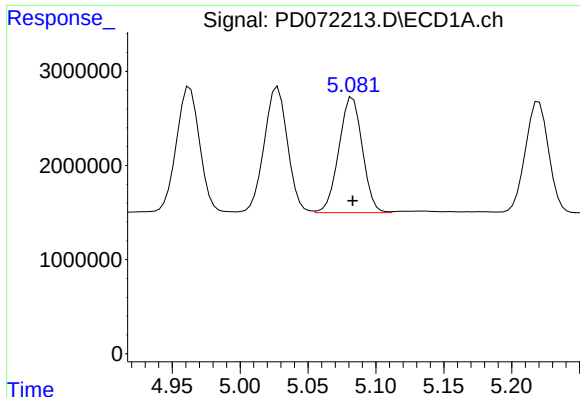
#8 Heptachlor epoxide

R.T.: 4.711 min
Delta R.T.: 0.000 min
Response: 15728154
Conc: 4.91 ng/ml



#8 Heptachlor epoxide

R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 115640598
Conc: 6.39 ng/ml



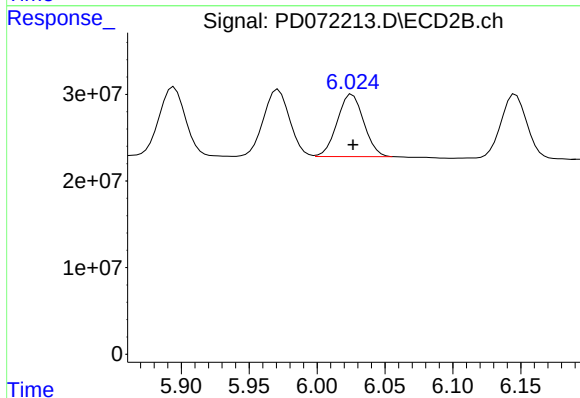
#9 Endosulfan I

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 14774110
Conc: 4.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

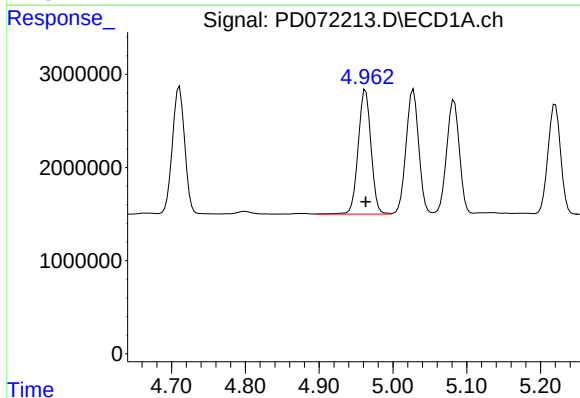
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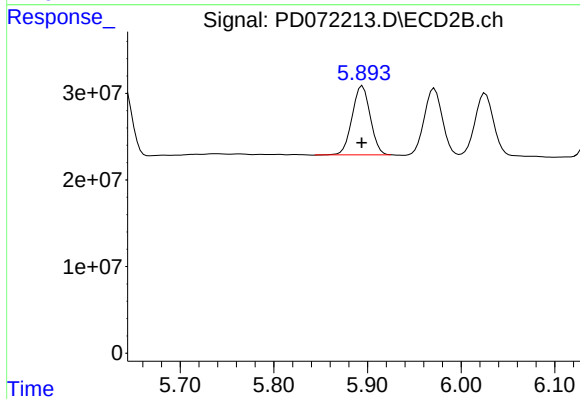
#9 Endosulfan I

R.T.: 6.024 min
Delta R.T.: -0.002 min
Response: 97828064
Conc: 5.94 ng/ml m



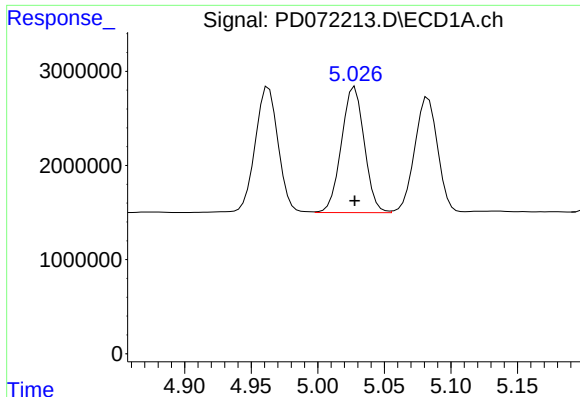
#10 gamma-Chlordane

R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 16097481
Conc: 4.90 ng/ml



#10 gamma-Chlordane

R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 107410555
Conc: 6.00 ng/ml m



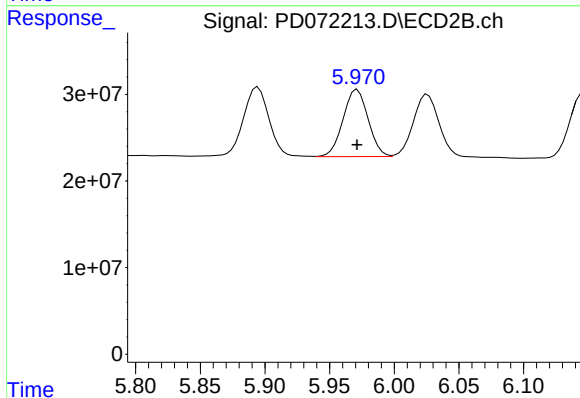
#11 alpha-Chlordane

R.T.: 5.028 min
Delta R.T.: 0.000 min
Response: 15980135
Conc: 4.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

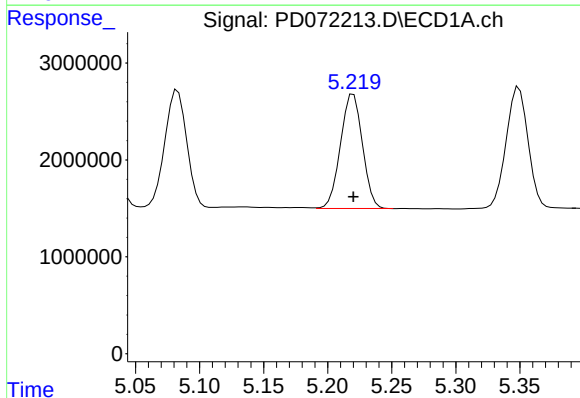
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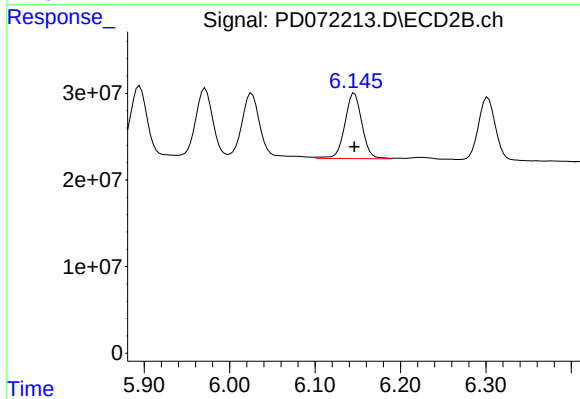
#11 alpha-Chlordane

R.T.: 5.970 min
Delta R.T.: -0.001 min
Response: 104561039
Conc: 6.04 ng/ml m



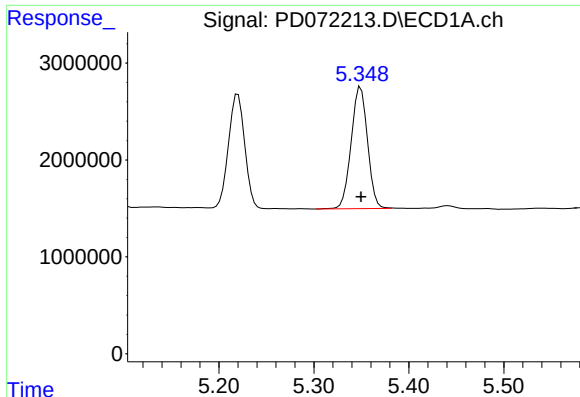
#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 14084637
Conc: 4.57 ng/ml



#12 4,4'-DDE

R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 105164496
Conc: 6.14 ng/ml



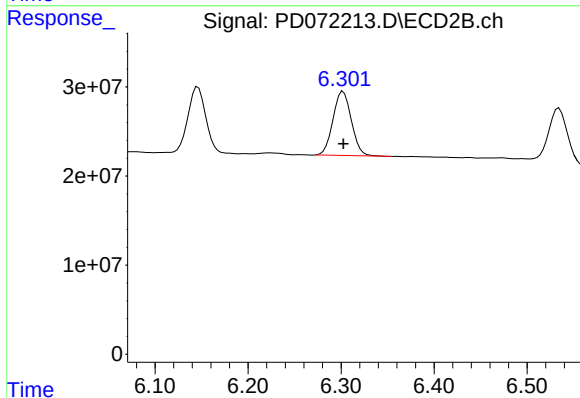
#13 Dieldrin

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 15042428
Conc: 4.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

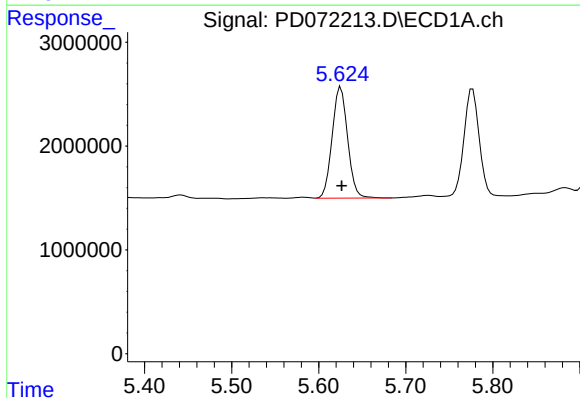
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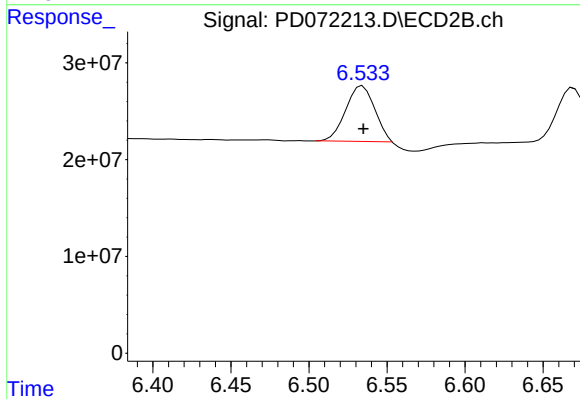
#13 Dieldrin

R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 99015413
Conc: 5.84 ng/ml



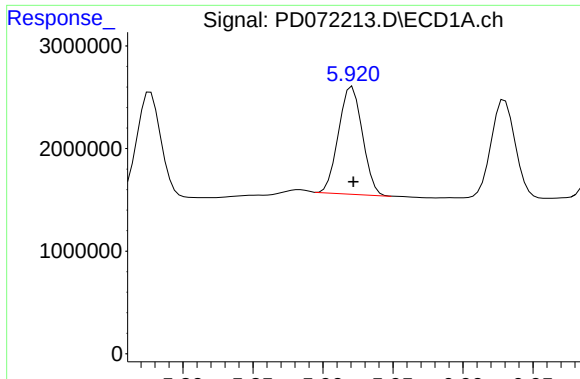
#14 Endrin

R.T.: 5.625 min
Delta R.T.: 0.000 min
Response: 13278703
Conc: 4.91 ng/ml



#14 Endrin

R.T.: 6.533 min
Delta R.T.: -0.002 min
Response: 74034798
Conc: 5.29 ng/ml m



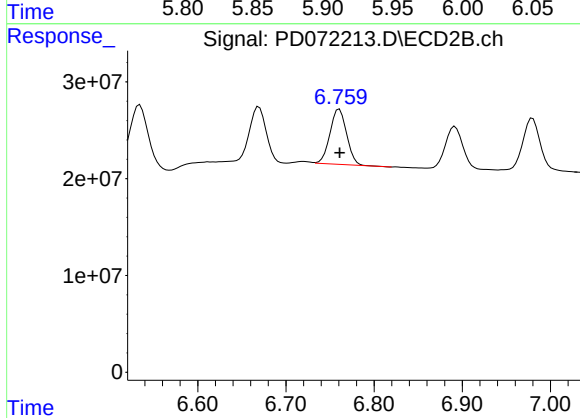
#15 Endosulfan II

R.T.: 5.920 min
Delta R.T.: -0.002 min
Response: 12477458
Conc: 4.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

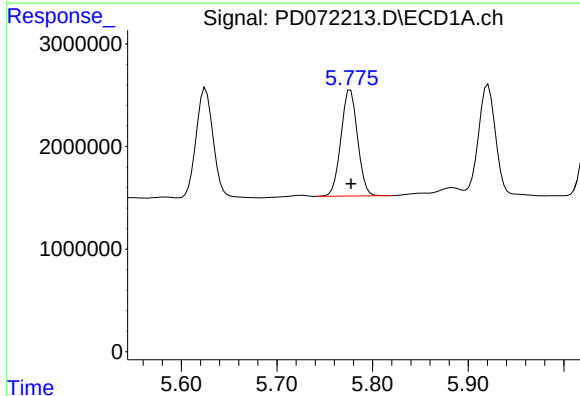
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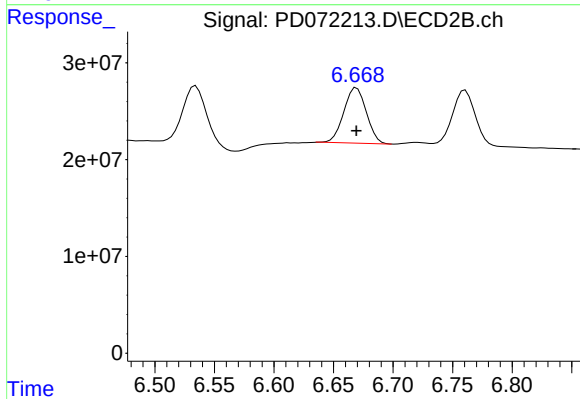
#15 Endosulfan II

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 75058537
Conc: 5.64 ng/ml



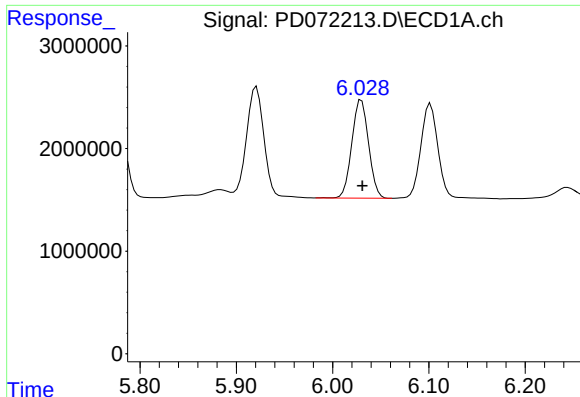
#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 12510814
Conc: 4.79 ng/ml



#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: -0.001 min
Response: 75147458
Conc: 5.44 ng/ml m



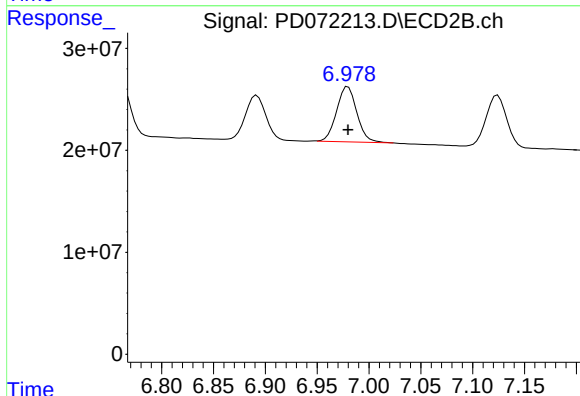
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.001 min
Response: 11549022
Conc: 4.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

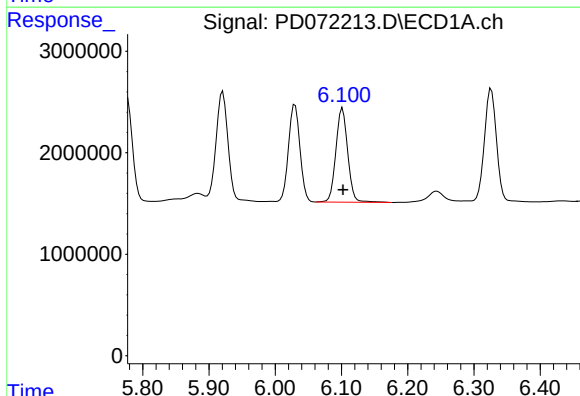
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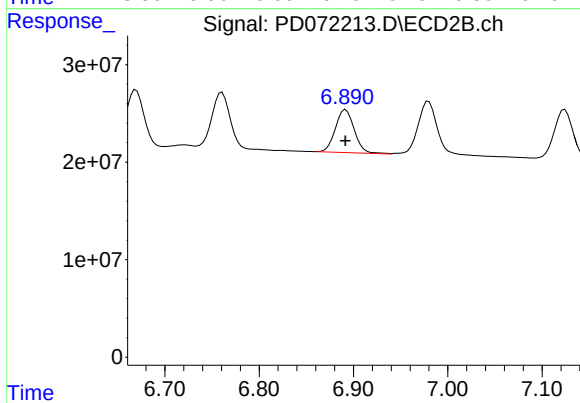
#17 4,4'-DDT

R.T.: 6.978 min
Delta R.T.: -0.001 min
Response: 73636869
Conc: 5.22 ng/ml m



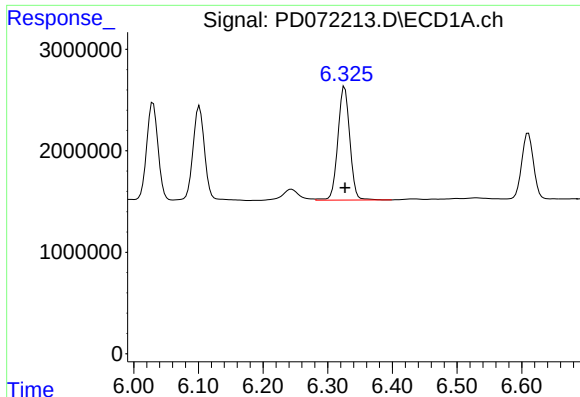
#18 Endrin aldehyde

R.T.: 6.102 min
Delta R.T.: -0.001 min
Response: 11519951
Conc: 5.49 ng/ml



#18 Endrin aldehyde

R.T.: 6.892 min
Delta R.T.: 0.000 min
Response: 61247547
Conc: 5.76 ng/ml



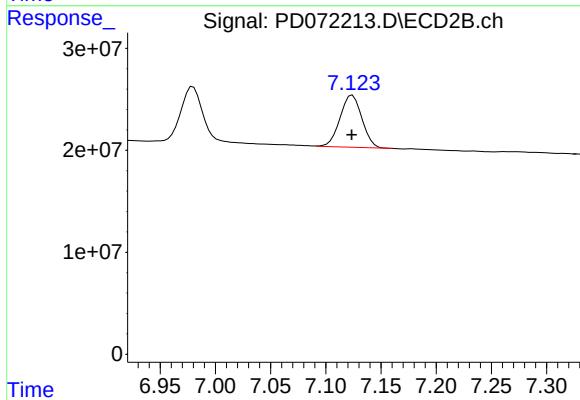
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 14334067
Conc: 5.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

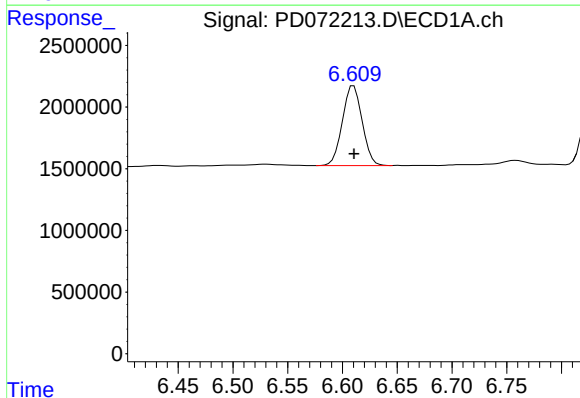
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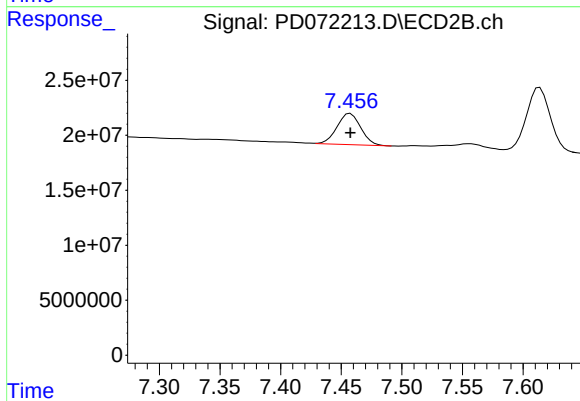
#19 Endosulfan Sulfate

R.T.: 7.124 min
Delta R.T.: 0.000 min
Response: 69328586
Conc: 5.55 ng/ml



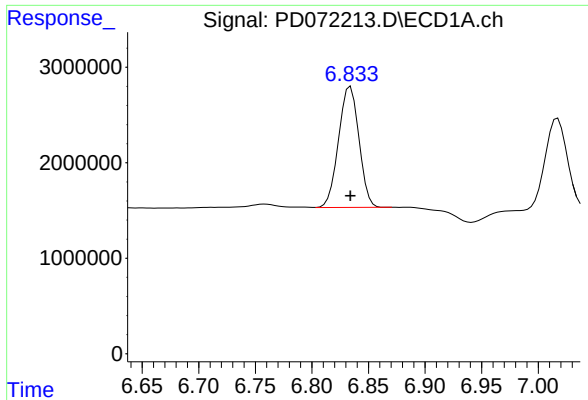
#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 8135184
Conc: 5.27 ng/ml



#20 Methoxychlor

R.T.: 7.457 min
Delta R.T.: 0.000 min
Response: 38032269
Conc: 5.53 ng/ml



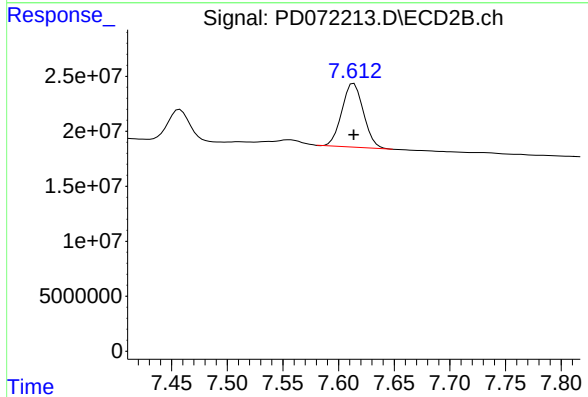
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: 0.000 min
Response: 15899309
Conc: 4.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

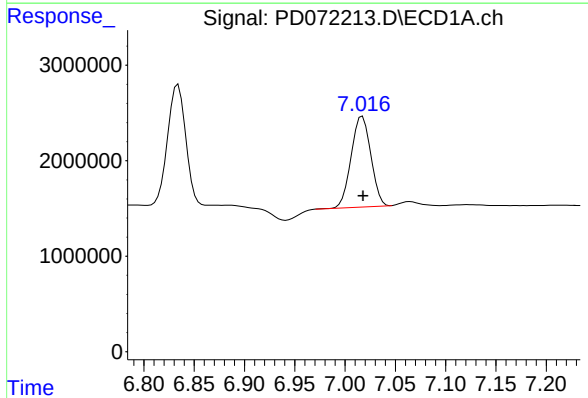
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Supervised By :Ankita Jodhani 10/06/2022



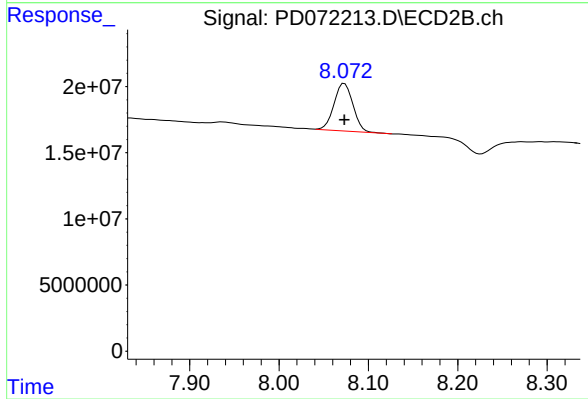
#21 Endrin ketone

R.T.: 7.614 min
Delta R.T.: 0.000 min
Response: 77866245
Conc: 5.64 ng/ml



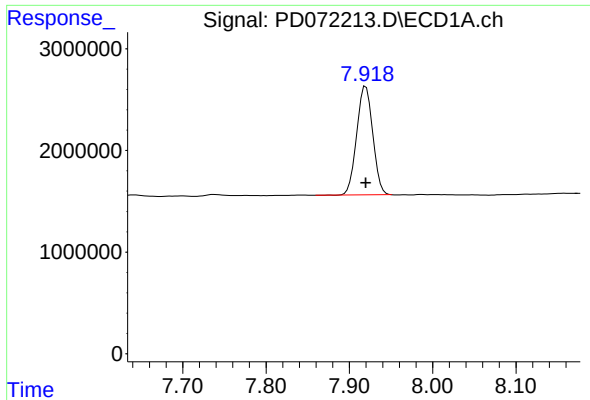
#22 Mirex

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 12926940
Conc: 5.71 ng/ml



#22 Mirex

R.T.: 8.073 min
Delta R.T.: 0.000 min
Response: 51982372
Conc: 5.69 ng/ml



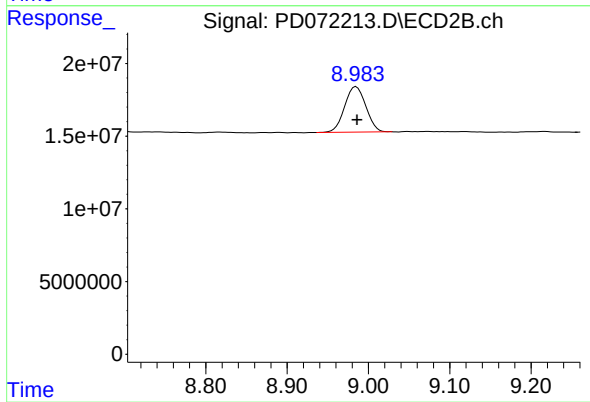
#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: 0.000 min
Response: 14368821
Conc: 5.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/06/2022
Supervised By :Ankita Jodhani 10/06/2022



#28 Decachlorobiphenyl

R.T.: 8.985 min
Delta R.T.: 0.000 min
Response: 56572283
Conc: 5.72 ng/ml