

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102023\
 Data File : PD079009.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2023 02:49
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/20/2023
 Supervised By :Ankita Jodhani 10/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 20 04:47:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 2023
 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...	3.570	2.807	82357503	120.0E6	51.009	51.838
28) SA Decachlor...	9.117	7.956	98905455	126.7E6	49.304	51.960
Target Compounds						
2) A alpha-BHC	4.027	3.310	139.8E6	186.4E6	52.531	53.746
3) MA gamma-BHC...	4.361	3.640	135.0E6	182.5E6	51.952	53.744
4) MA Heptachlor	4.954	3.984	134.3E6	163.9E6	50.210	53.676
5) MB Aldrin	5.297	4.265	131.8E6	174.9E6	51.141	53.466
6) B beta-BHC	4.553	3.935	53925702	73811823	50.323	52.382
7) B delta-BHC	4.803	4.167	134.2E6	180.9E6	50.139	54.024
8) B Heptachlo...	5.724	4.767	119.7E6	157.9E6	51.055	53.253
9) A Endosulfan I	6.110	5.137	109.8E6	137.0E6	50.650	51.749
10) B gamma-Chl...	5.979	5.017	116.9E6	150.8E6	50.990	52.570
11) B alpha-Chl...	6.059	5.082	115.6E6	148.7E6	50.705	51.807
12) B 4,4'-DDE	6.230	5.271	108.5E6	144.1E6	51.359	54.125
13) MA Dieldrin	6.385	5.402	119.0E6	159.7E6	51.114	53.777
14) MA Endrin	6.616	5.677	98141921	136.2E6	50.391	53.209
15) B Endosulfa...	6.832	5.970	102.2E6	133.0E6	50.097	53.258
16) A 4,4'-DDD	6.746	5.824	90008416	122.8E6	51.201	53.759
17) MA 4,4'-DDT	7.061	6.076	94833521	123.2E6	50.079	53.826
18) B Endrin al...	6.962	6.149	78691244	100.4E6	50.956m	53.987
19) B Endosulfa...	7.197	6.372	99550057	123.9E6	50.072	53.049
20) A Methoxychlor	7.535	6.651	54494966	70852190	49.732	52.188
21) B Endrin ke...	7.684	6.878	110.9E6	149.7E6	50.869	53.538
22) Mirex	8.161	7.064	83028051	111.6E6	49.052	52.251

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102023\
Data File : PD079009.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Oct 2023 02:49
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

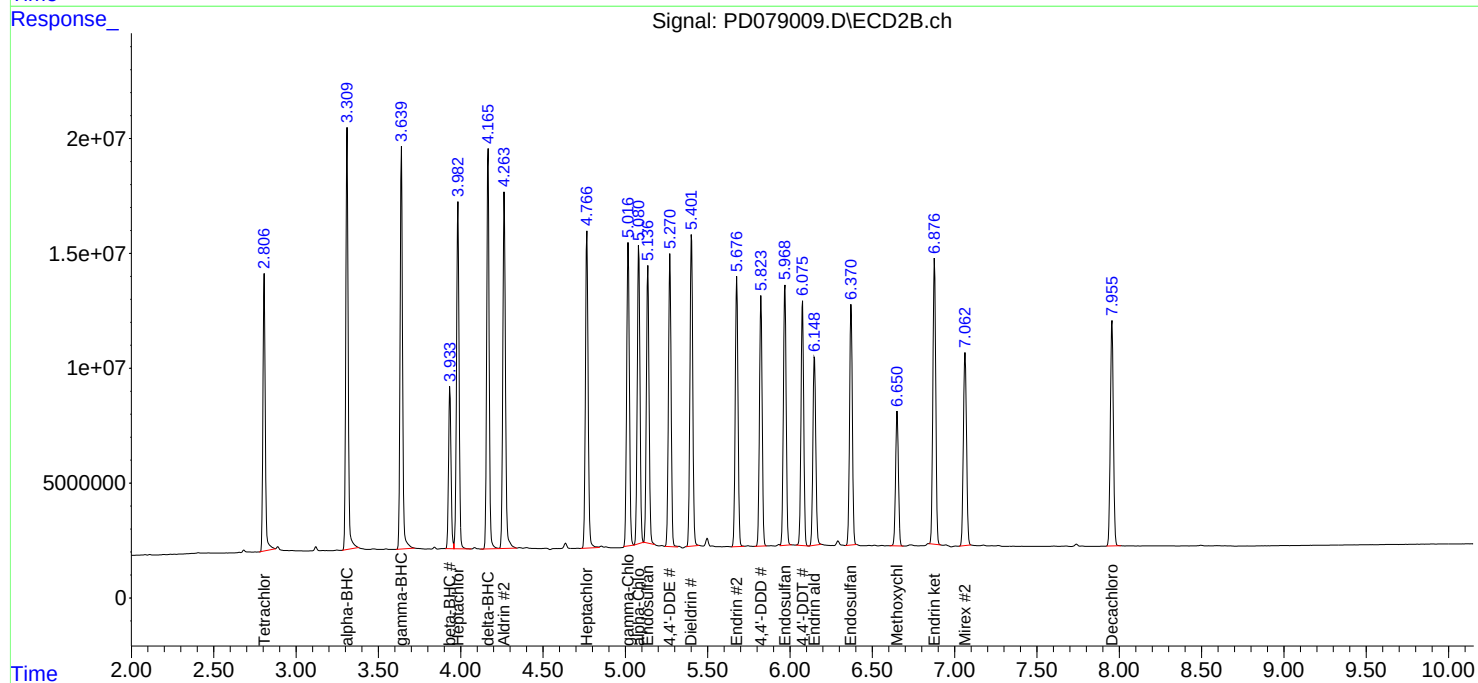
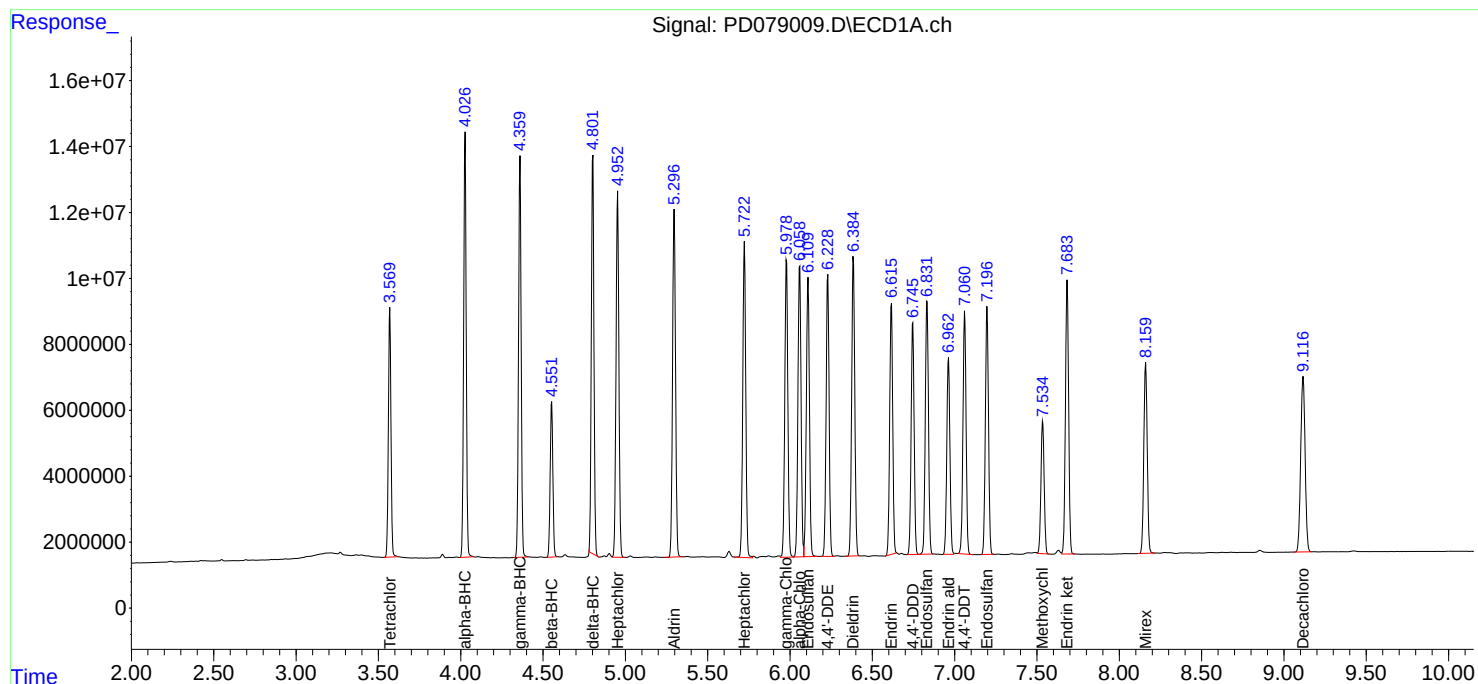
APPROVED

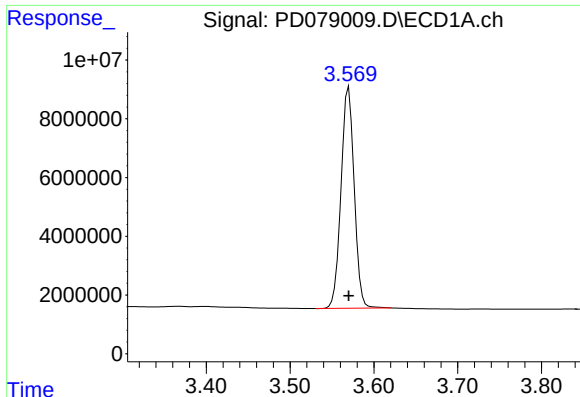
Reviewed By :Abdul Mirza 10/20/2023

Supervised By :Ankita Jodhani 10/20/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 20 04:47:27 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
Quant Title : GC Extractables
QLast Update : Fri Oct 20 04:44:01 2023
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





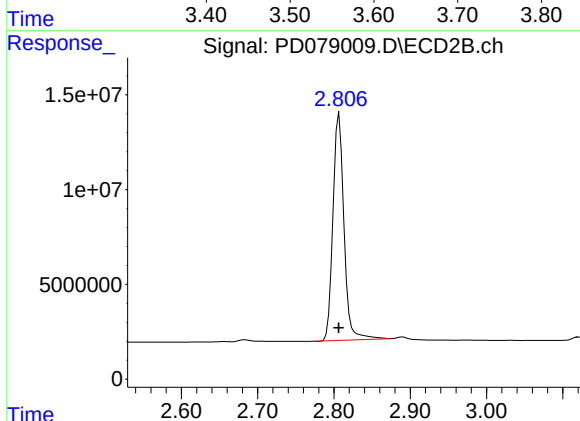
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: 0.000 min
Response: 82357503
Conc: 51.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

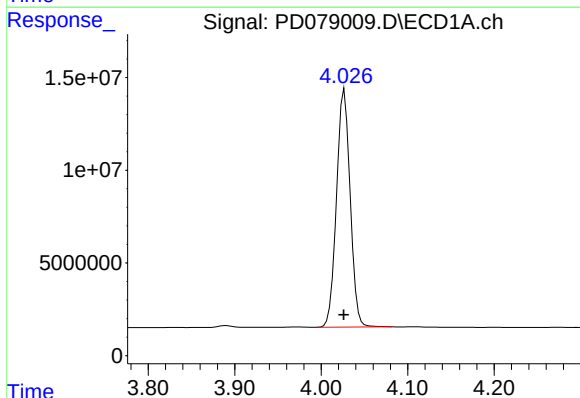
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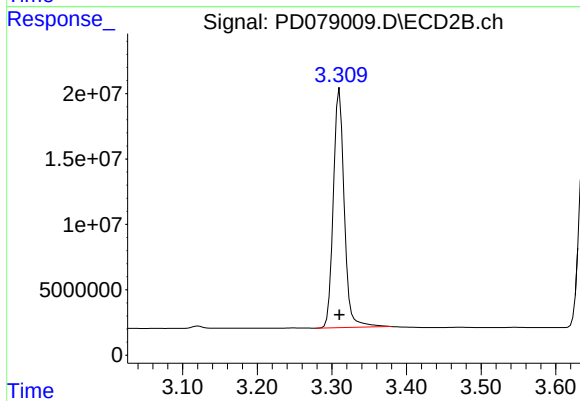
#1 Tetrachloro-m-xylene

R.T.: 2.807 min
Delta R.T.: 0.000 min
Response: 120018976
Conc: 51.84 ng/ml



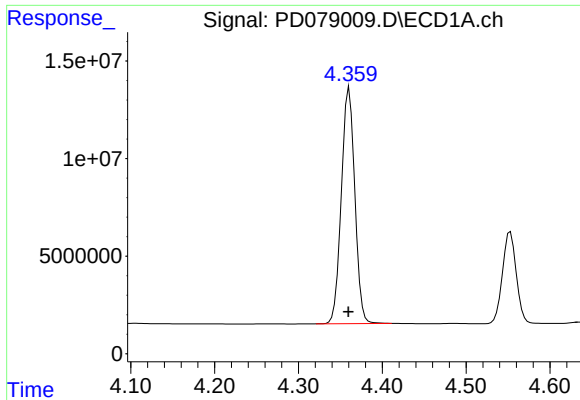
#2 alpha-BHC

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 139841118
Conc: 52.53 ng/ml



#2 alpha-BHC

R.T.: 3.310 min
Delta R.T.: 0.000 min
Response: 186360577
Conc: 53.75 ng/ml



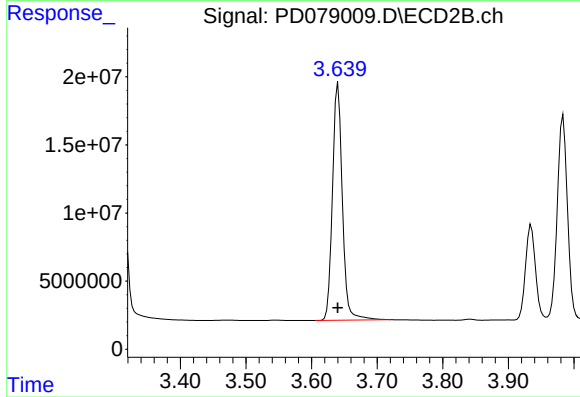
#3 gamma-BHC (Lindane)

R.T.: 4.361 min
Delta R.T.: 0.001 min
Response: 135014974
Conc: 51.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

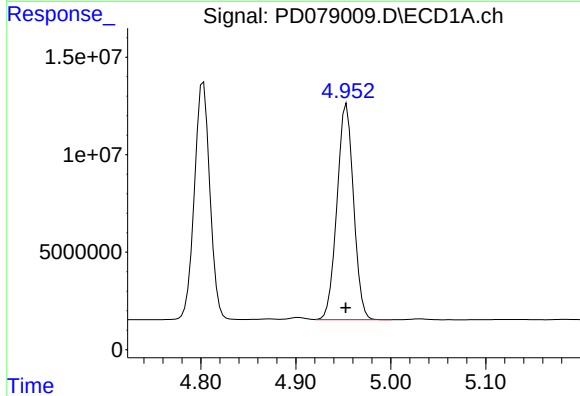
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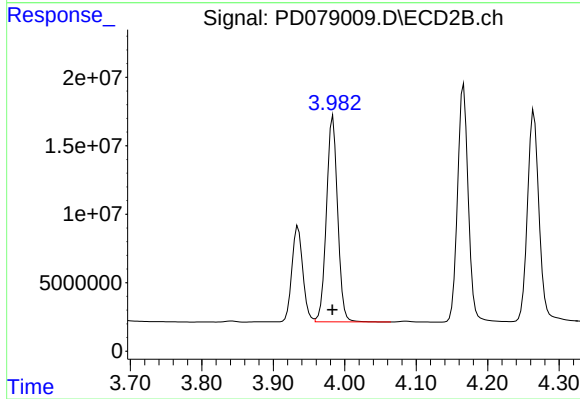
#3 gamma-BHC (Lindane)

R.T.: 3.640 min
Delta R.T.: 0.000 min
Response: 182503597
Conc: 53.74 ng/ml



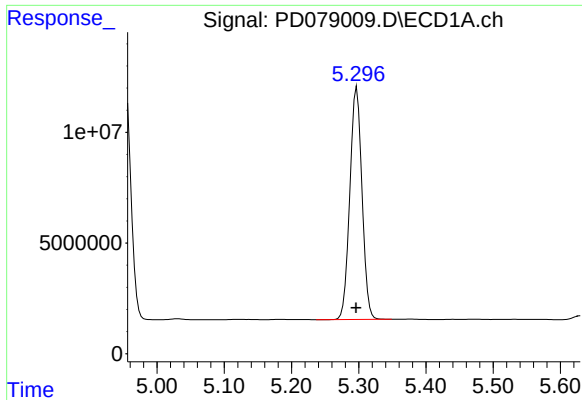
#4 Heptachlor

R.T.: 4.954 min
Delta R.T.: 0.001 min
Response: 134307583
Conc: 50.21 ng/ml



#4 Heptachlor

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 163933748
Conc: 53.68 ng/ml



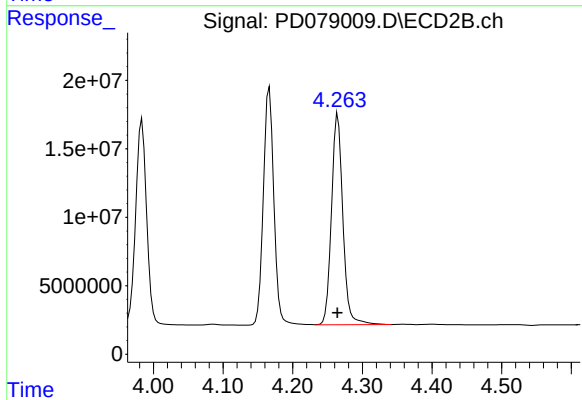
#5 Aldrin

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 131781205
Conc: 51.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

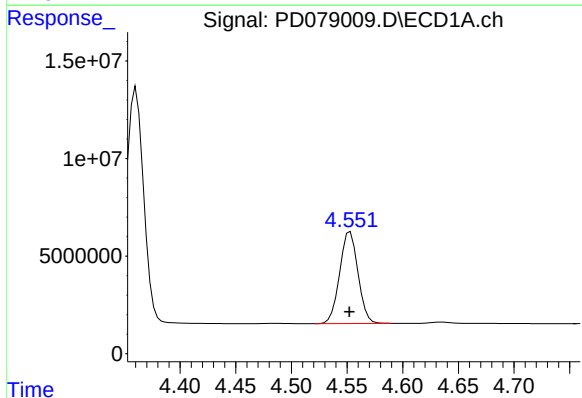
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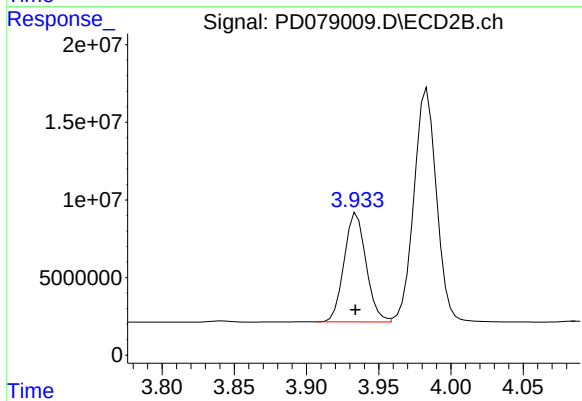
#5 Aldrin

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 174906255
Conc: 53.47 ng/ml



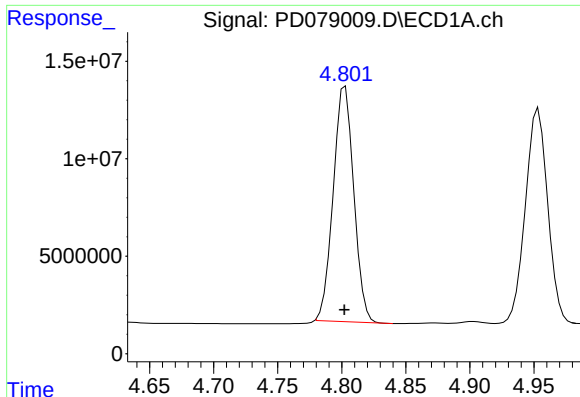
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 53925702
Conc: 50.32 ng/ml



#6 beta-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 73811823
Conc: 52.38 ng/ml



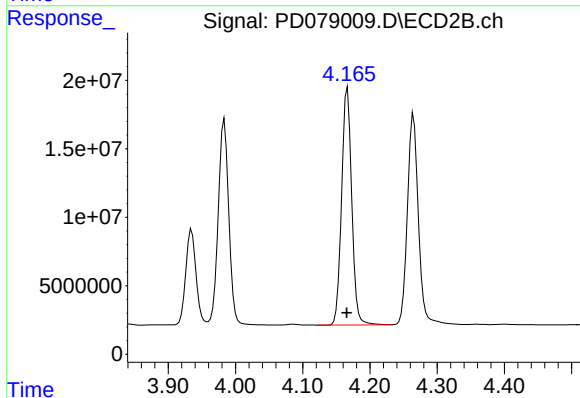
#7 delta-BHC

R.T.: 4.803 min
Delta R.T.: 0.000 min
Response: 134226365
Conc: 50.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

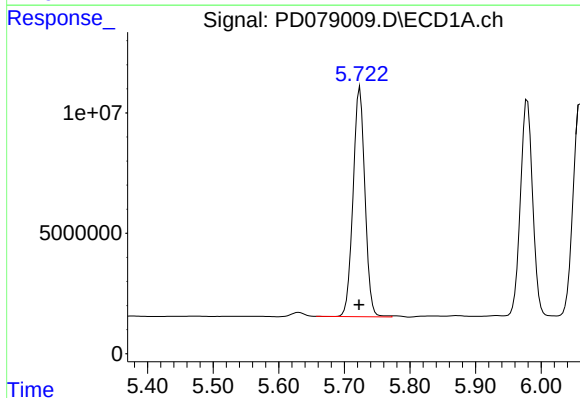
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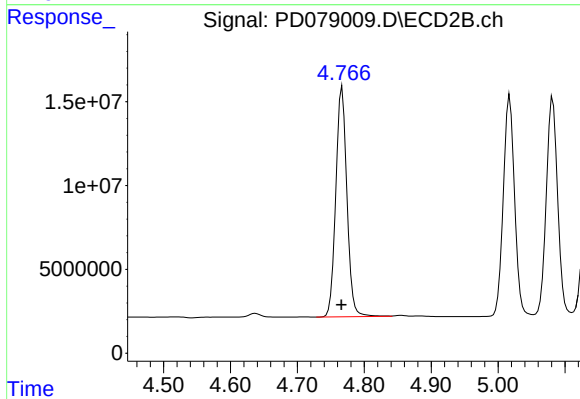
#7 delta-BHC

R.T.: 4.167 min
Delta R.T.: 0.001 min
Response: 180886933
Conc: 54.02 ng/ml



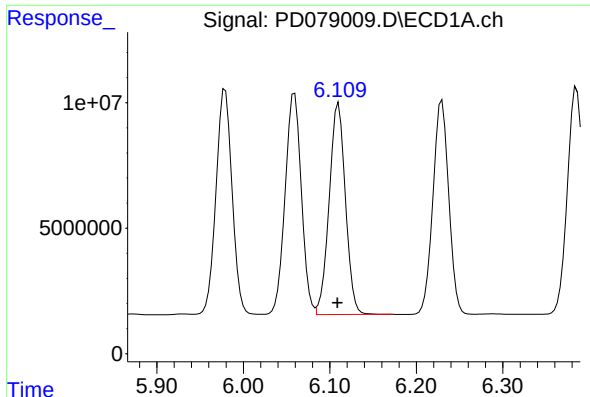
#8 Heptachlor epoxide

R.T.: 5.724 min
Delta R.T.: 0.002 min
Response: 119656885
Conc: 51.05 ng/ml



#8 Heptachlor epoxide

R.T.: 4.767 min
Delta R.T.: 0.001 min
Response: 157877446
Conc: 53.25 ng/ml



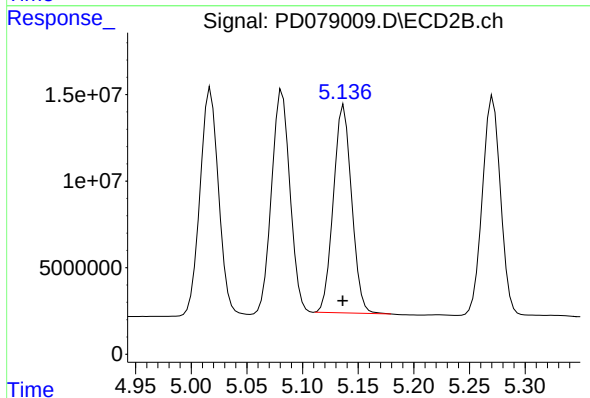
#9 Endosulfan I

R.T.: 6.110 min
Delta R.T.: 0.001 min
Response: 109805590
Conc: 50.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

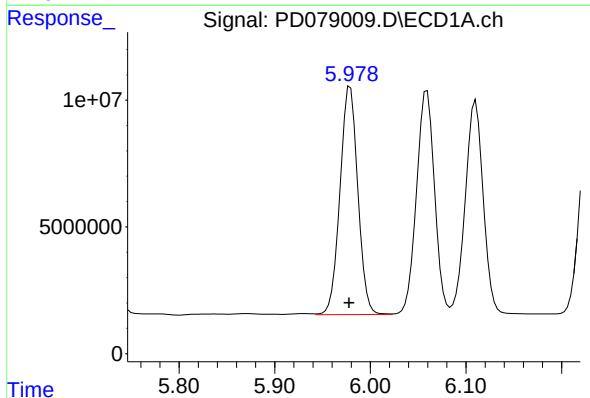
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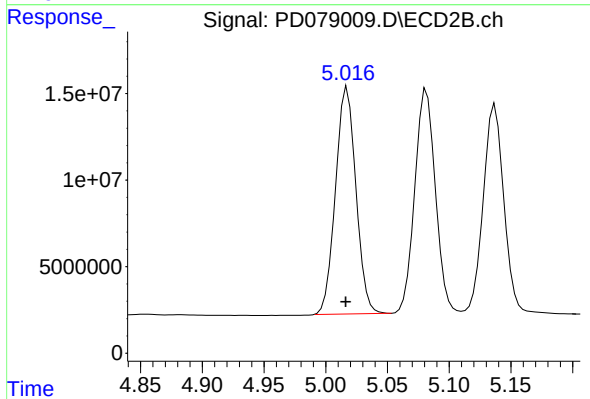
#9 Endosulfan I

R.T.: 5.137 min
Delta R.T.: 0.001 min
Response: 137015132
Conc: 51.75 ng/ml



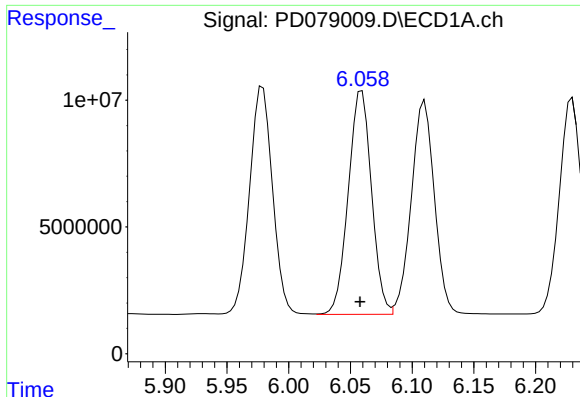
#10 gamma-Chlordane

R.T.: 5.979 min
Delta R.T.: 0.001 min
Response: 116905148
Conc: 50.99 ng/ml



#10 gamma-Chlordane

R.T.: 5.017 min
Delta R.T.: 0.001 min
Response: 150845658
Conc: 52.57 ng/ml



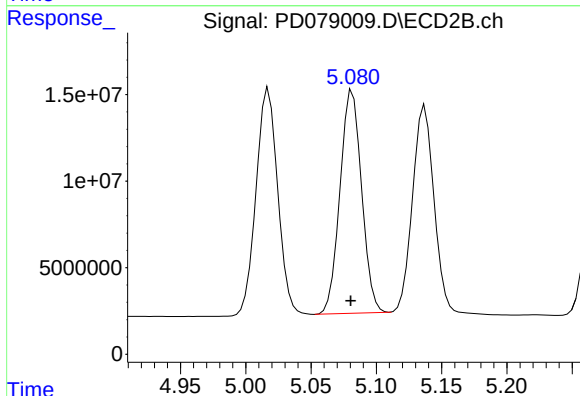
#11 alpha-Chlordane

R.T.: 6.059 min
Delta R.T.: 0.001 min
Response: 115617053
Conc: 50.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

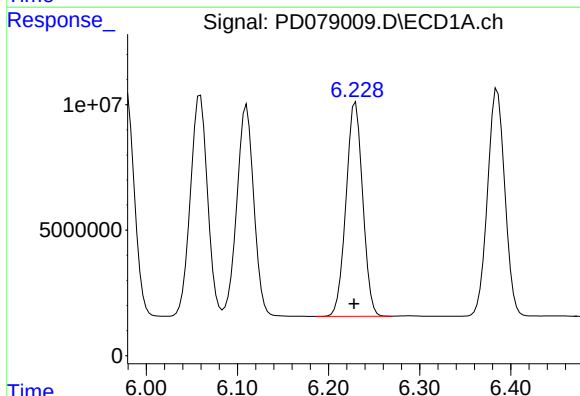
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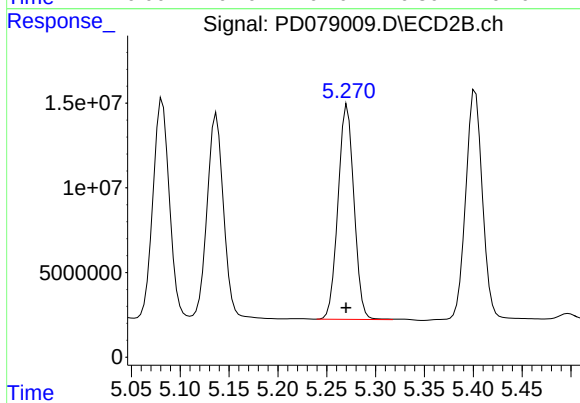
#11 alpha-Chlordane

R.T.: 5.082 min
Delta R.T.: 0.001 min
Response: 148676981
Conc: 51.81 ng/ml



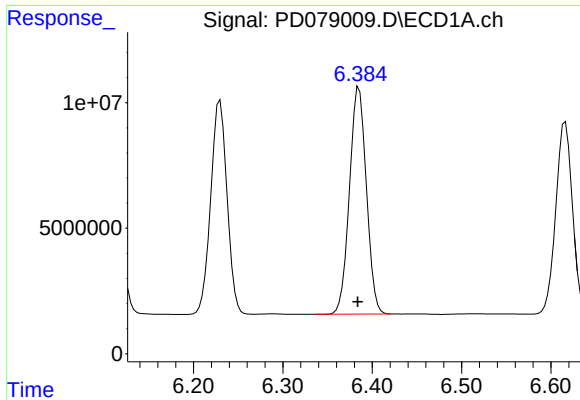
#12 4,4'-DDE

R.T.: 6.230 min
Delta R.T.: 0.001 min
Response: 108525186
Conc: 51.36 ng/ml



#12 4,4'-DDE

R.T.: 5.271 min
Delta R.T.: 0.001 min
Response: 144100938
Conc: 54.12 ng/ml



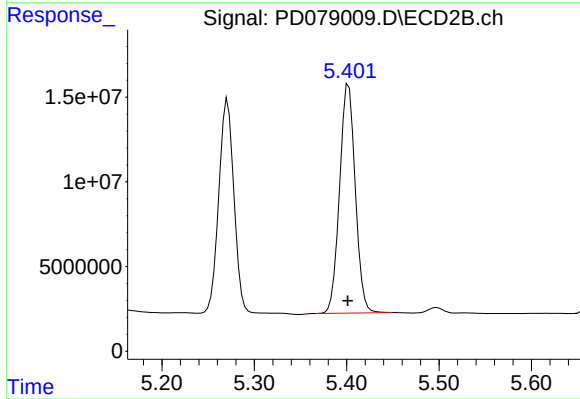
#13 Dieldrin

R.T.: 6.385 min
Delta R.T.: 0.001 min
Response: 119035671
Conc: 51.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

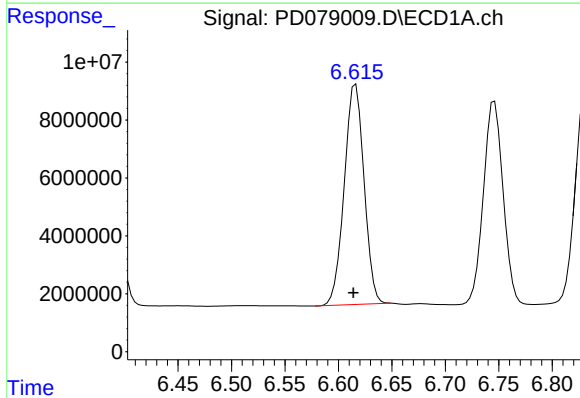
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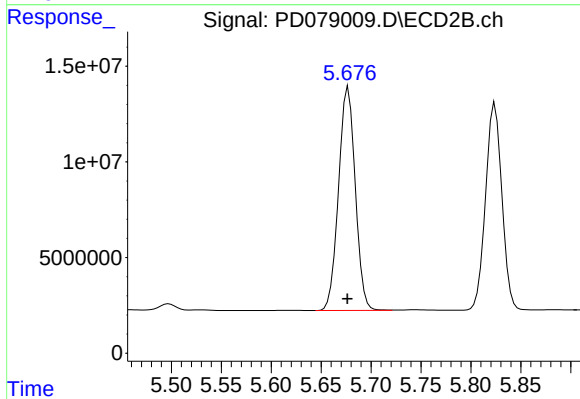
#13 Dieldrin

R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 159711018
Conc: 53.78 ng/ml



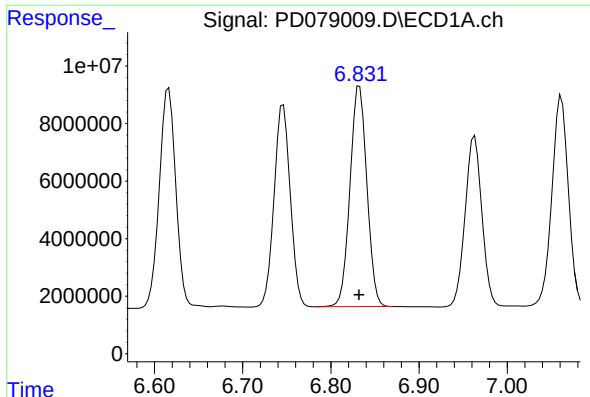
#14 Endrin

R.T.: 6.616 min
Delta R.T.: 0.002 min
Response: 98141921
Conc: 50.39 ng/ml



#14 Endrin

R.T.: 5.677 min
Delta R.T.: 0.001 min
Response: 136167141
Conc: 53.21 ng/ml



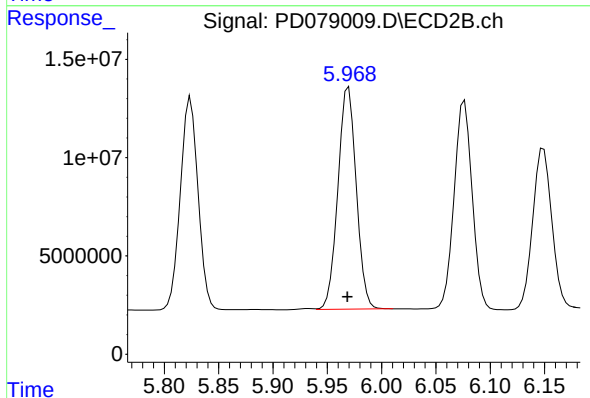
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: 0.000 min
Response: 102178600
Conc: 50.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

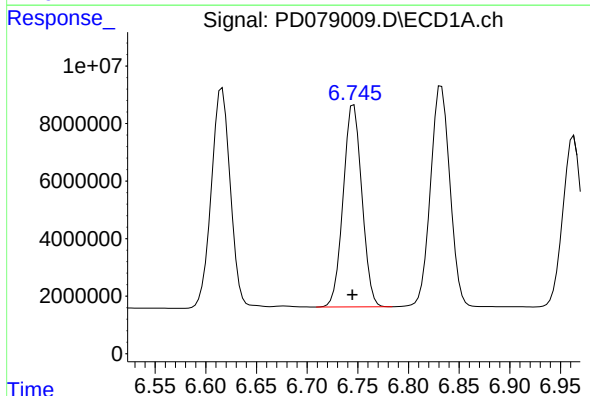
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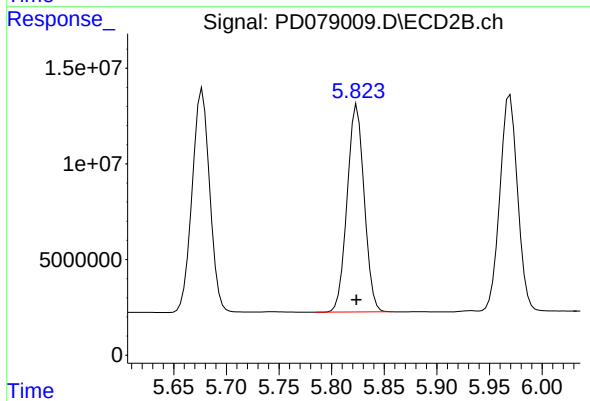
#15 Endosulfan II

R.T.: 5.970 min
Delta R.T.: 0.001 min
Response: 132958259
Conc: 53.26 ng/ml



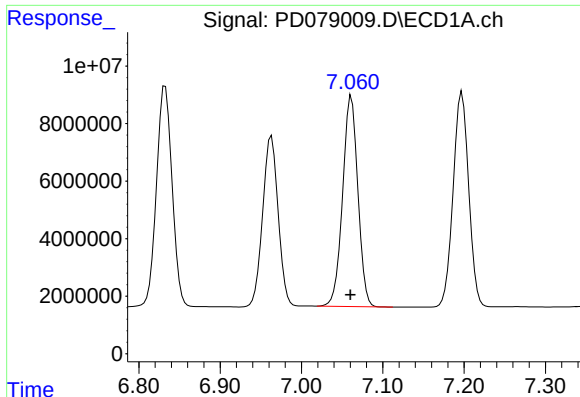
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: 0.001 min
Response: 90008416
Conc: 51.20 ng/ml



#16 4,4'-DDD

R.T.: 5.824 min
Delta R.T.: 0.000 min
Response: 122798571
Conc: 53.76 ng/ml



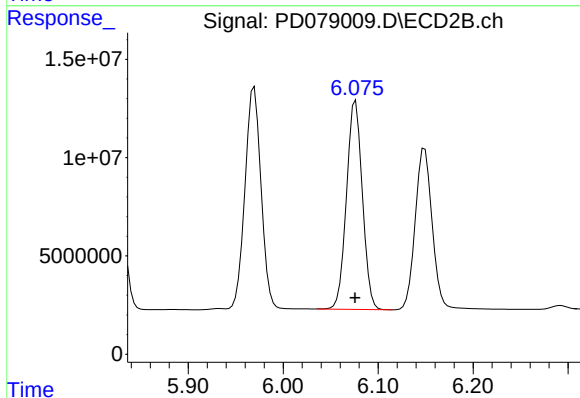
#17 4,4'-DDT

R.T.: 7.061 min
Delta R.T.: 0.001 min
Response: 94833521
Conc: 50.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

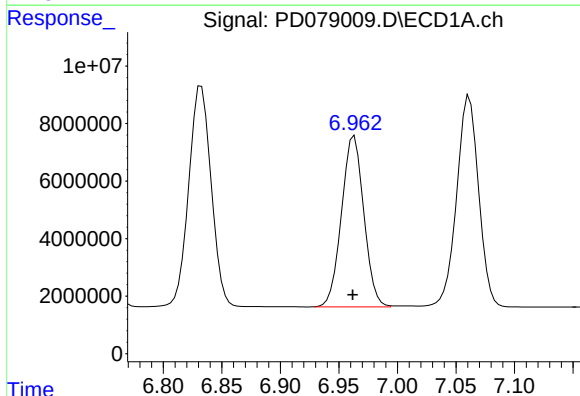
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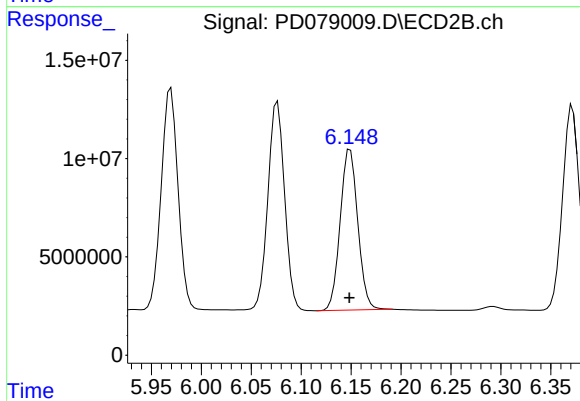
#17 4,4'-DDT

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 123228355
Conc: 53.83 ng/ml



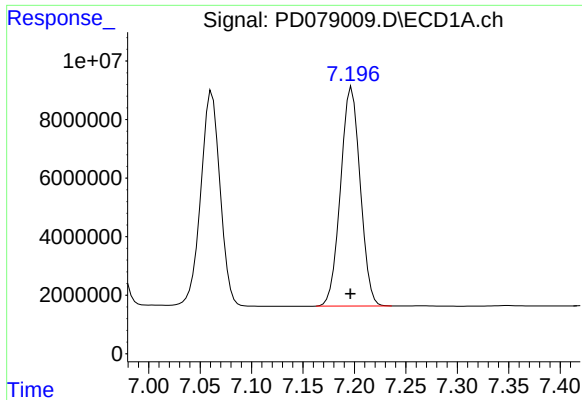
#18 Endrin aldehyde

R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 78691244
Conc: 50.96 ng/ml m



#18 Endrin aldehyde

R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 100378677
Conc: 53.99 ng/ml



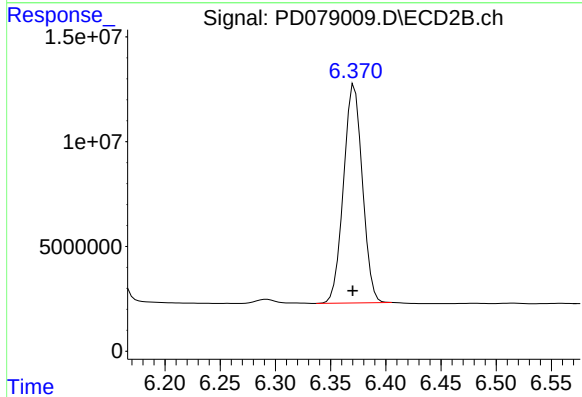
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.001 min
Response: 99550057
Conc: 50.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

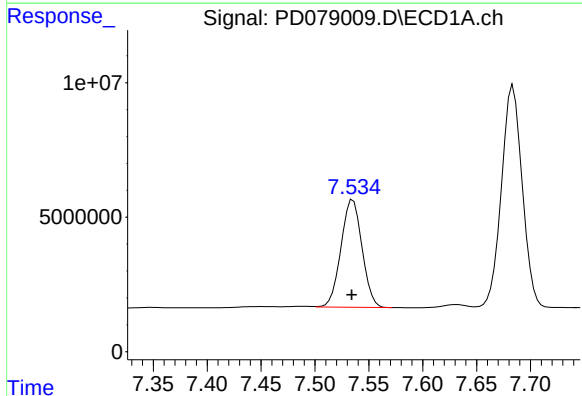
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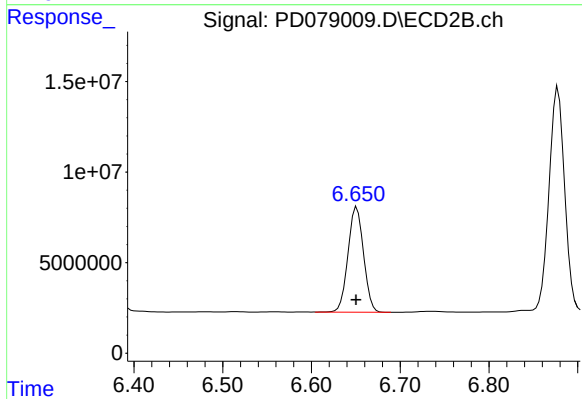
#19 Endosulfan Sulfate

R.T.: 6.372 min
Delta R.T.: 0.002 min
Response: 123860131
Conc: 53.05 ng/ml



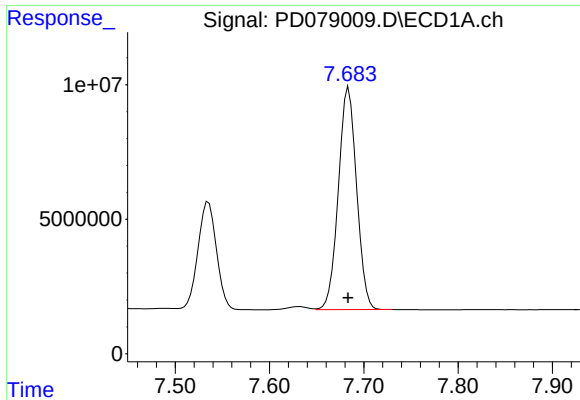
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.001 min
Response: 54494966
Conc: 49.73 ng/ml



#20 Methoxychlor

R.T.: 6.651 min
Delta R.T.: 0.000 min
Response: 70852190
Conc: 52.19 ng/ml



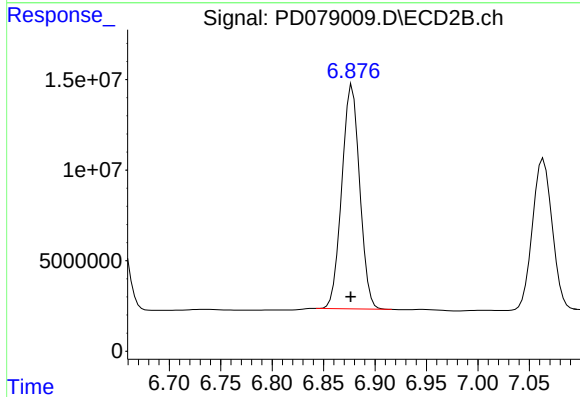
#21 Endrin ketone

R.T.: 7.684 min
Delta R.T.: 0.000 min
Response: 110902869
Conc: 50.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
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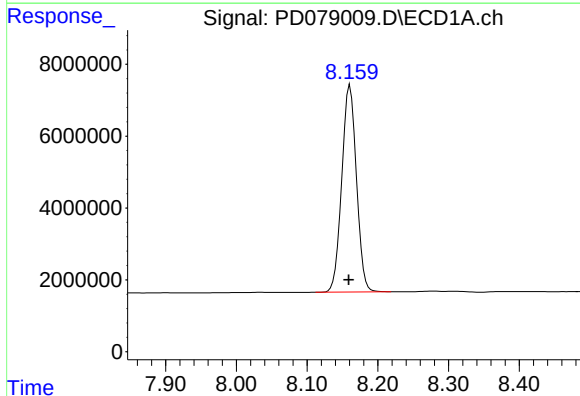
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Reviewed By :Abdul Mirza 10/20/2023
Supervised By :Ankita Jodhani 10/20/2023



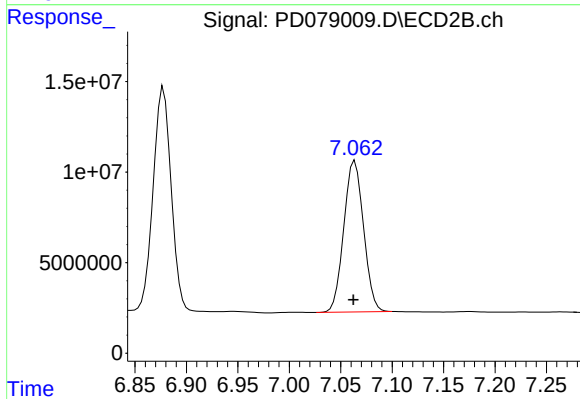
#21 Endrin ketone

R.T.: 6.878 min
Delta R.T.: 0.002 min
Response: 149678614
Conc: 53.54 ng/ml



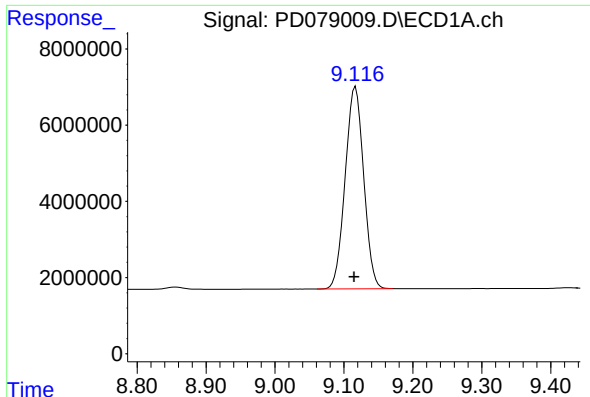
#22 Mirex

R.T.: 8.161 min
Delta R.T.: 0.002 min
Response: 83028051
Conc: 49.05 ng/ml



#22 Mirex

R.T.: 7.064 min
Delta R.T.: 0.001 min
Response: 111625204
Conc: 52.25 ng/ml



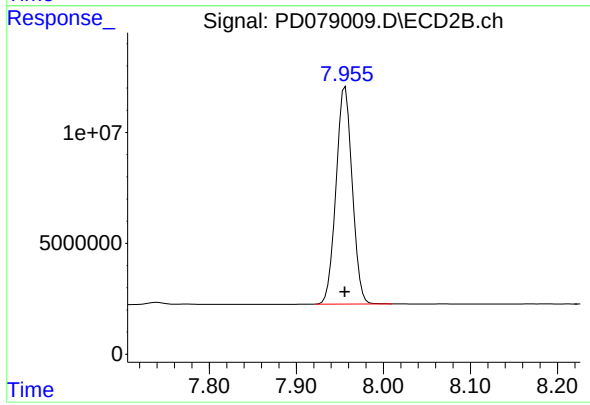
#28 Decachlorobiphenyl

R.T.: 9.117 min
Delta R.T.: 0.002 min
Response: 98905455
Conc: 49.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/20/2023
Supervised By :Ankita Jodhani 10/20/2023



#28 Decachlorobiphenyl

R.T.: 7.956 min
Delta R.T.: 0.000 min
Response: 126652801
Conc: 51.96 ng/ml