

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031523\
 Data File : PD074243.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Mar 2023 16:06
 Operator : AR\AJ
 Sample : 01627-08
 Misc : PEST LOQ 5PPB WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-WATER-02-QT1-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/16/2023
 Supervised By :Ankita Jodhani 03/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 21:59:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031423.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 15 12:23:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.550	2.771	46282992	23229371	19.842	19.087
28)	SA Decachlor...	9.098	7.925	54592507	25407328	20.412	20.708
Target Compounds							
2)	A alpha-BHC	4.006	3.274	17405170	7865002	4.485	4.232
3)	MA gamma-BHC...	4.340	3.605	16864262	7984476	4.807	4.661
4)	MA Heptachlor	4.932	3.947	17788466	7825733	5.192	4.587
5)	MB Aldrin	5.276	4.227	17861186	8079269	5.304	4.789
6)	B beta-BHC	4.535	3.900	8722322	3923556	5.902	5.196
7)	B delta-BHC	4.782	4.131	18338204	7698281	6.682m	4.523 #
8)	B Heptachlo...	5.702	4.730	16769337	7671813	5.962m	4.998
9)	A Endosulfan I	6.090	5.101	15536630	7023056	5.465	4.880
10)	B gamma-Chl...	5.960	4.981	16258134	7591396	5.417	4.889
11)	B alpha-Chl...	6.039	5.046	16633764	7738419	5.515	5.025
12)	B 4,4'-DDE	6.211	5.236	14071244	6499192	5.103	4.606
13)	MA Dieldrin	6.366	5.367	15867893	7474604	5.379	4.971
14)	MA Endrin	6.596	5.642	13144656	6514592	5.289	4.985
15)	B Endosulfa...	6.815	5.935	15519761	6923160	6.025	5.502
16)	A 4,4'-DDD	6.729	5.790	11972301	5733738	5.337	4.912
17)	MA 4,4'-DDT	7.044	6.042	13169654	5874064	5.166	4.783
18)	B Endrin al...	6.945	6.116	12594964	5902290	6.301	5.812
19)	B Endosulfa...	7.180	6.338	14278554	6539947	5.783	5.357
20)	A Methoxychlor	7.520	6.618	8468918	3656081	6.053	5.403
21)	B Endrin ke...	7.667	6.845	16748873	8150715	6.017	5.526
22)	Mirex	8.143	7.029	13444730	6862206	6.332	6.041

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

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 Data File : PD074243.D
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 Acq On : 15 Mar 2023 16:06
 Operator : AR\AJ
 Sample : 01627-08
 Misc : PEST LOQ 5PPB WATER
 ALS Vial : 18 Sample Multiplier: 1

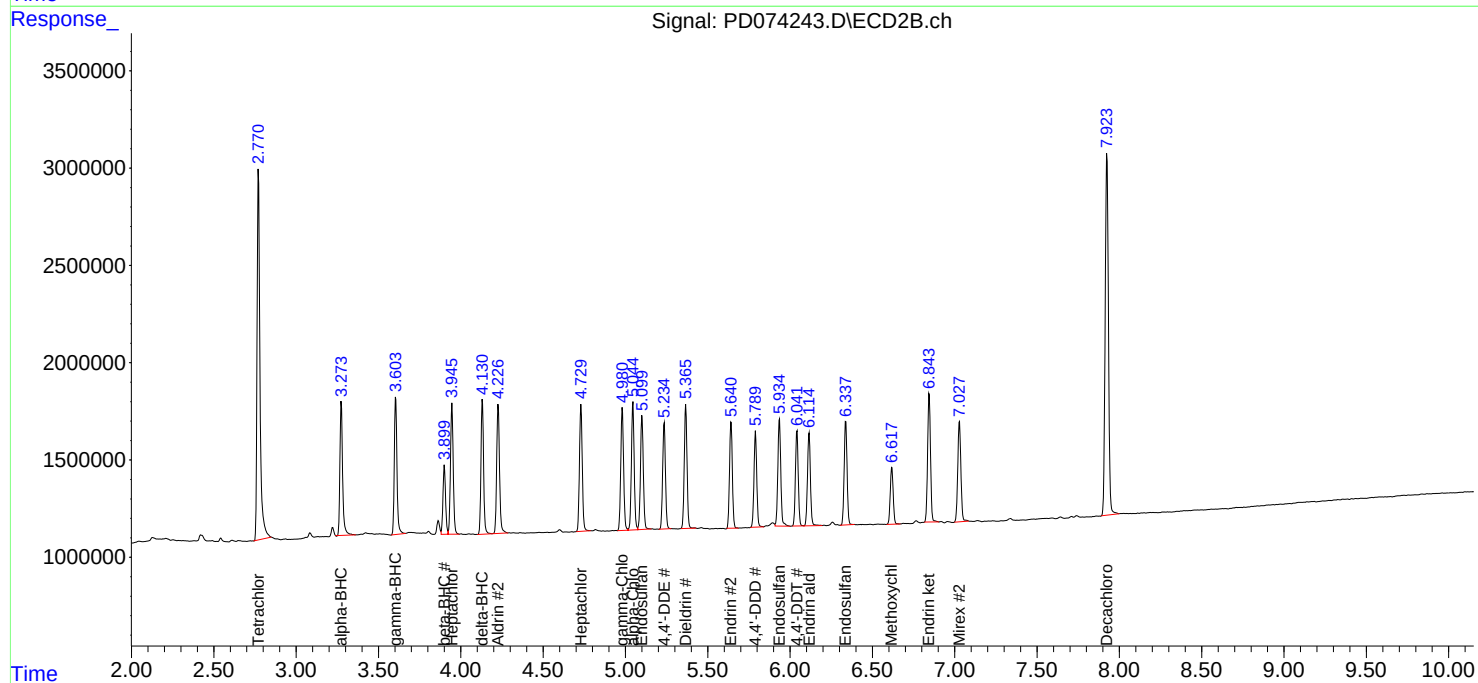
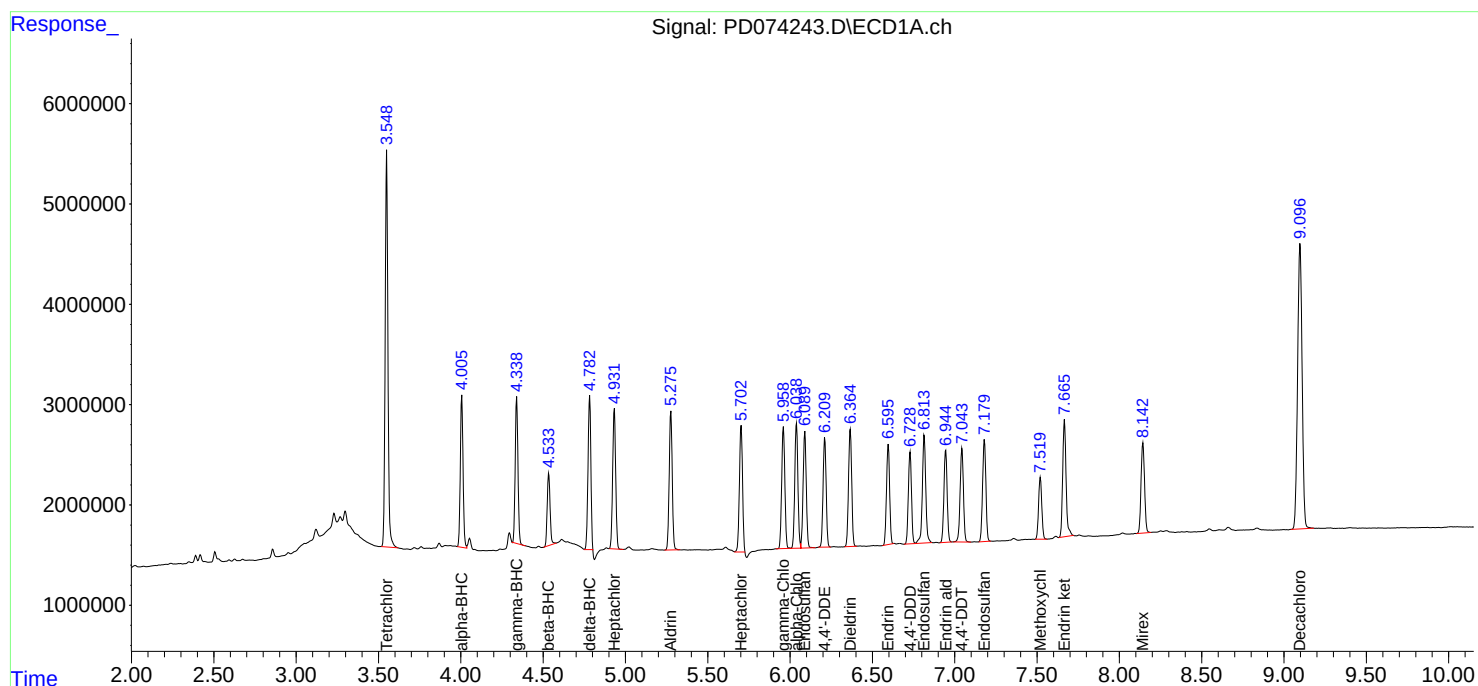
Instrument :
 ECD_D
 ClientSampleId :
 LOQ-WATER-02-QT1-2023

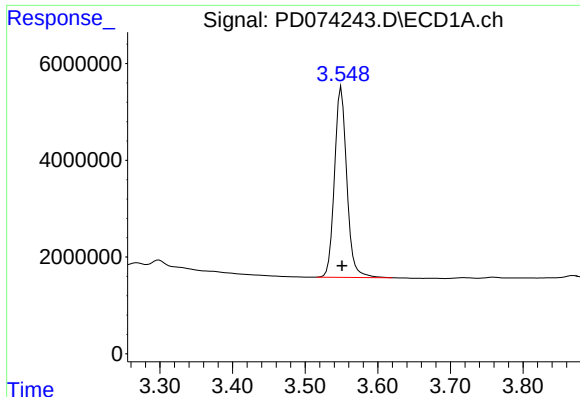
Manual Integrations APPROVED

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 Supervised By : Ankita Jodhani 03/16/2023

Integration File signal 1: autoint1.e
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 Quant Time: Mar 15 21:59:44 2023
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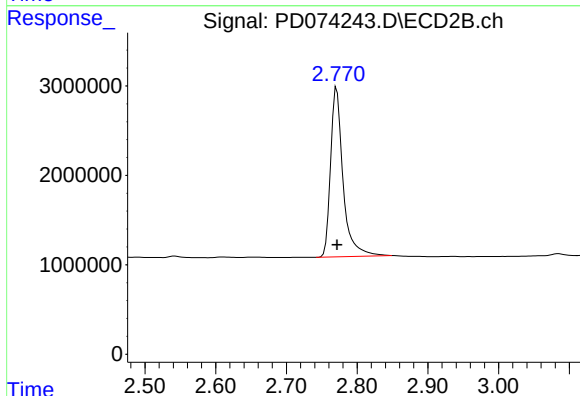
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: -0.001 min
Response: 46282992
Conc: 19.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2023

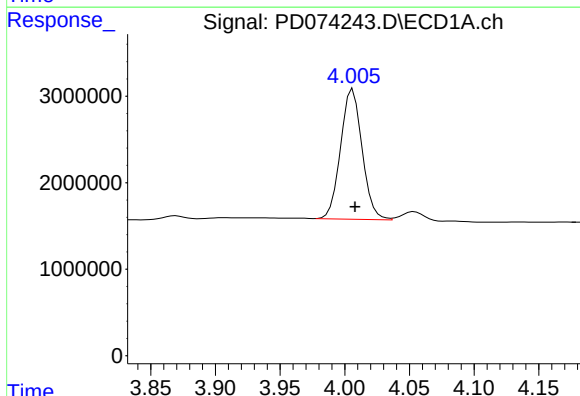
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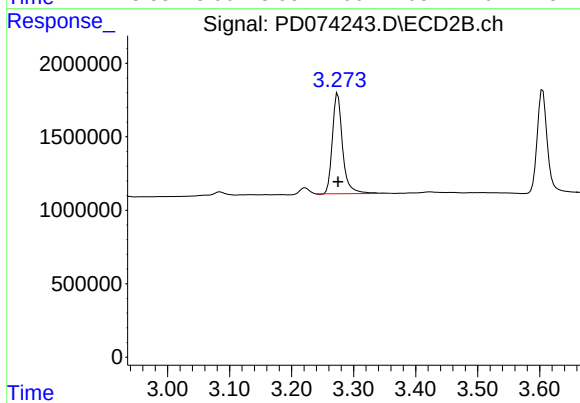
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 23229371
Conc: 19.09 ng/ml



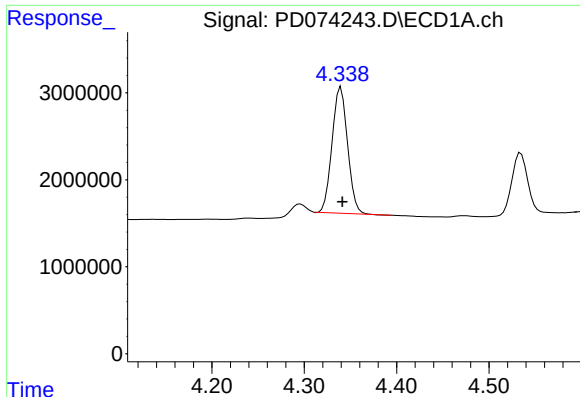
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: -0.002 min
Response: 17405170
Conc: 4.49 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.000 min
Response: 7865002
Conc: 4.23 ng/ml



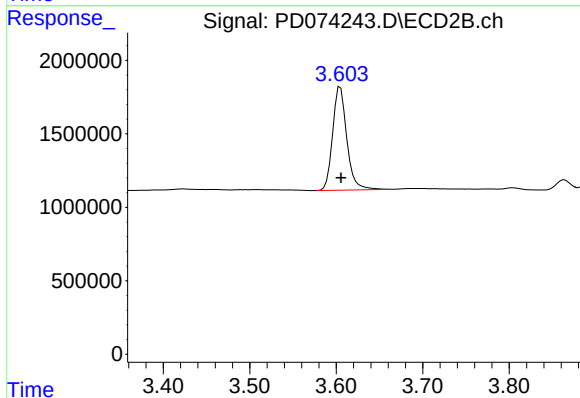
#3 gamma-BHC (Lindane)

R.T.: 4.340 min
Delta R.T.: -0.002 min
Response: 16864262
Conc: 4.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2023

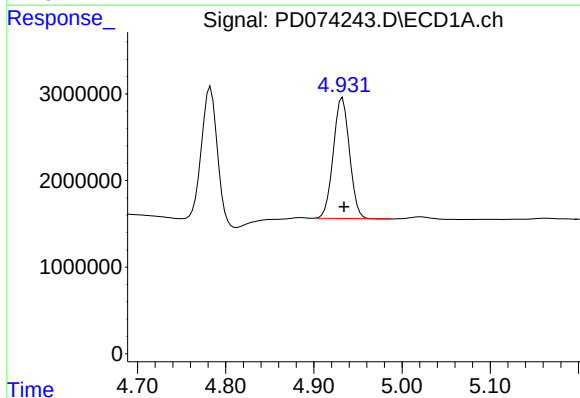
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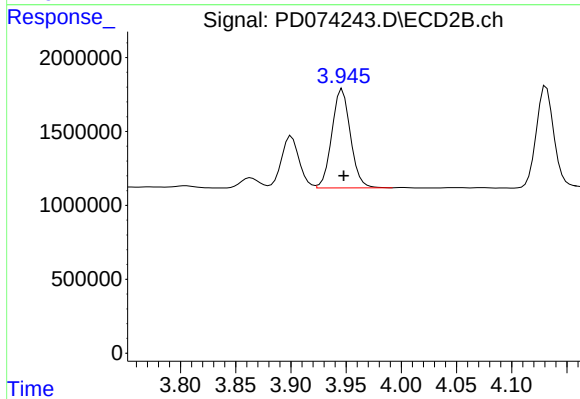
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: 0.000 min
Response: 7984476
Conc: 4.66 ng/ml



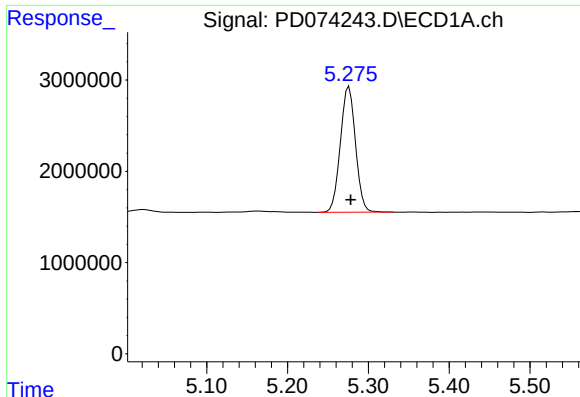
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: -0.002 min
Response: 17788466
Conc: 5.19 ng/ml



#4 Heptachlor

R.T.: 3.947 min
Delta R.T.: -0.001 min
Response: 7825733
Conc: 4.59 ng/ml



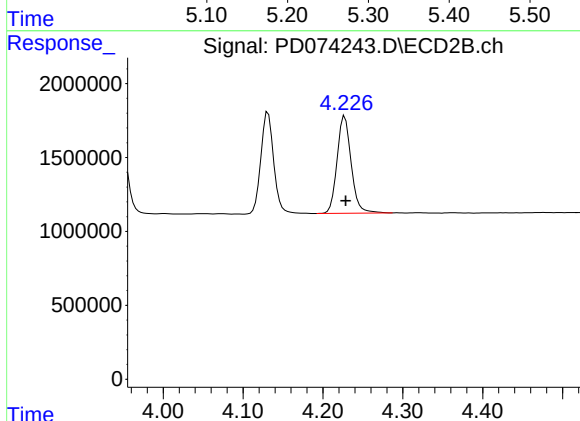
#5 Aldrin

R.T.: 5.276 min
Delta R.T.: -0.002 min
Response: 17861186
Conc: 5.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2023

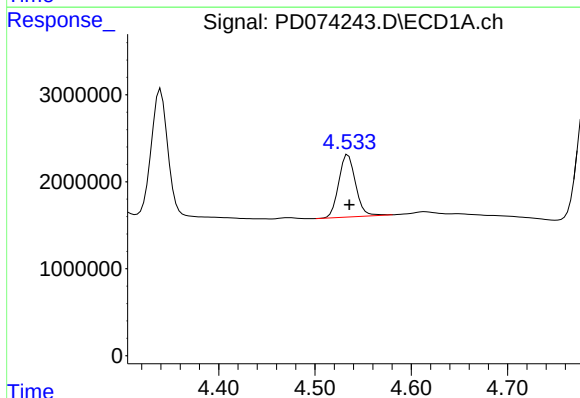
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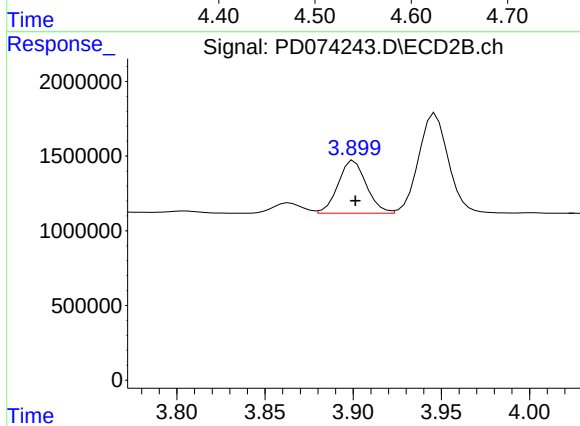
#5 Aldrin

R.T.: 4.227 min
Delta R.T.: -0.001 min
Response: 8079269
Conc: 4.79 ng/ml



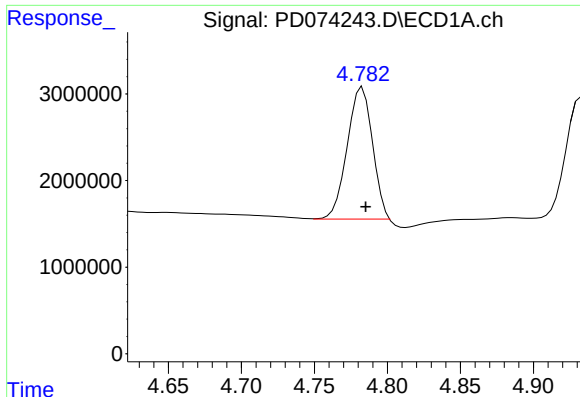
#6 beta-BHC

R.T.: 4.535 min
Delta R.T.: -0.001 min
Response: 8722322
Conc: 5.90 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 3923556
Conc: 5.20 ng/ml



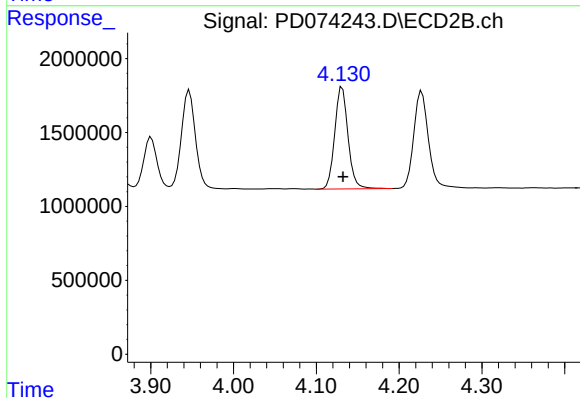
#7 delta-BHC

R.T.: 4.782 min
Delta R.T.: -0.004 min
Response: 18338204
Conc: 6.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2023

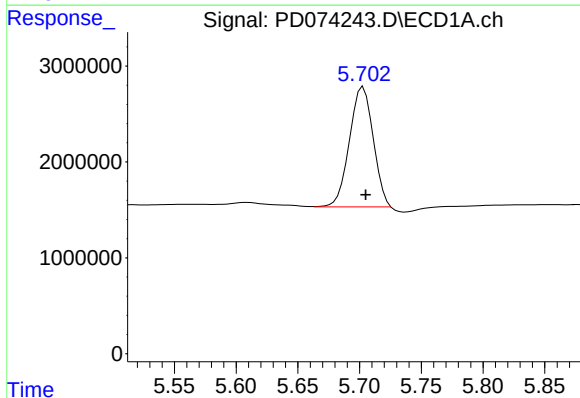
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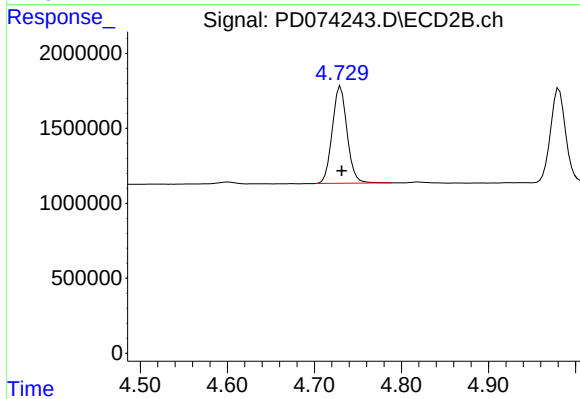
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.001 min
Response: 7698281
Conc: 4.52 ng/ml



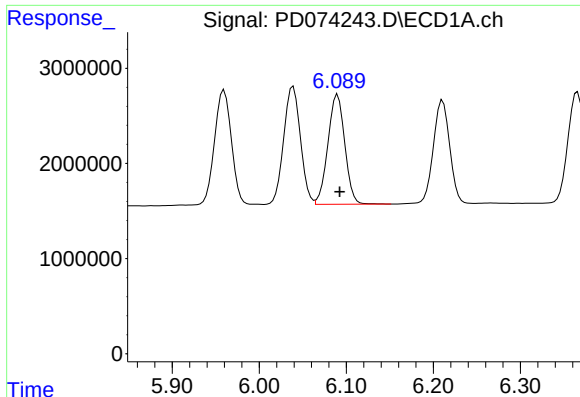
#8 Heptachlor epoxide

R.T.: 5.702 min
Delta R.T.: -0.003 min
Response: 16769337
Conc: 5.96 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.730 min
Delta R.T.: -0.001 min
Response: 7671813
Conc: 5.00 ng/ml



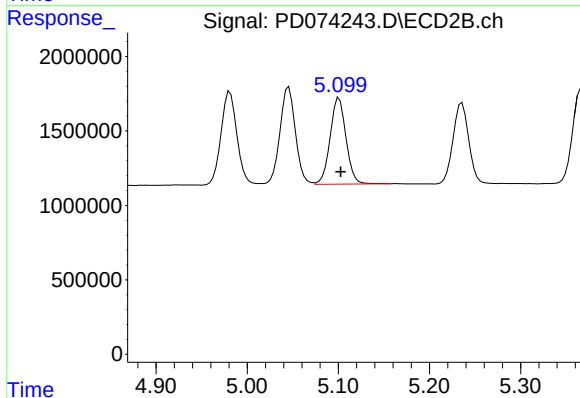
#9 Endosulfan I

R.T.: 6.090 min
Delta R.T.: -0.002 min
Response: 15536630
Conc: 5.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2023

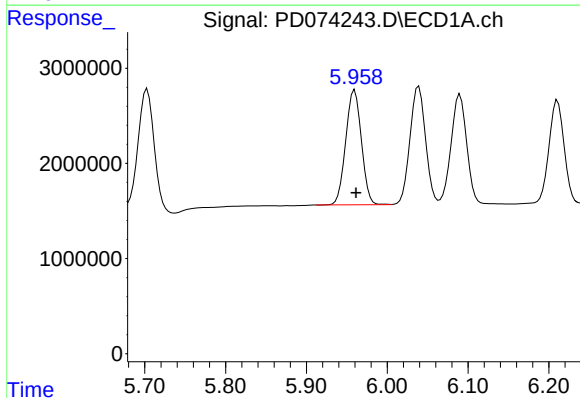
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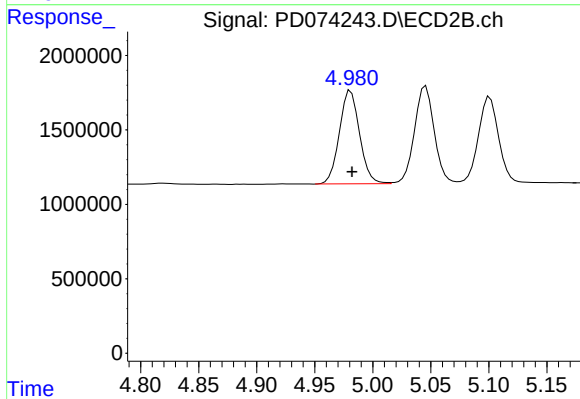
#9 Endosulfan I

R.T.: 5.101 min
Delta R.T.: -0.002 min
Response: 7023056
Conc: 4.88 ng/ml



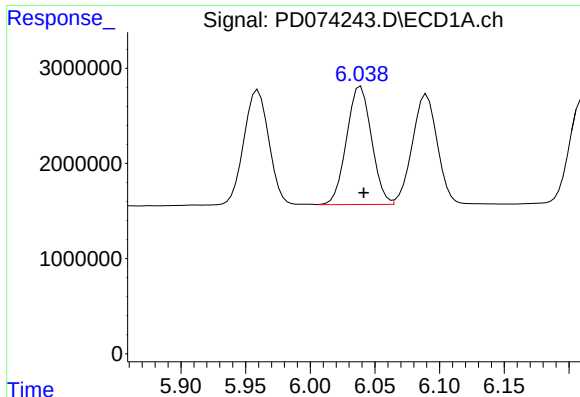
#10 gamma-Chlordane

R.T.: 5.960 min
Delta R.T.: -0.002 min
Response: 16258134
Conc: 5.42 ng/ml



#10 gamma-Chlordane

R.T.: 4.981 min
Delta R.T.: -0.001 min
Response: 7591396
Conc: 4.89 ng/ml



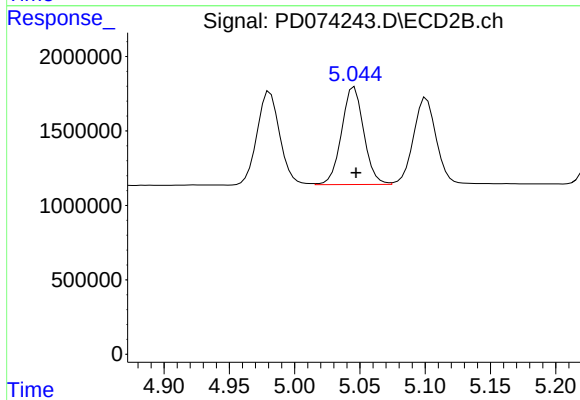
#11 alpha-Chlordane

R.T.: 6.039 min
Delta R.T.: -0.002 min
Response: 16633764
Conc: 5.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2023

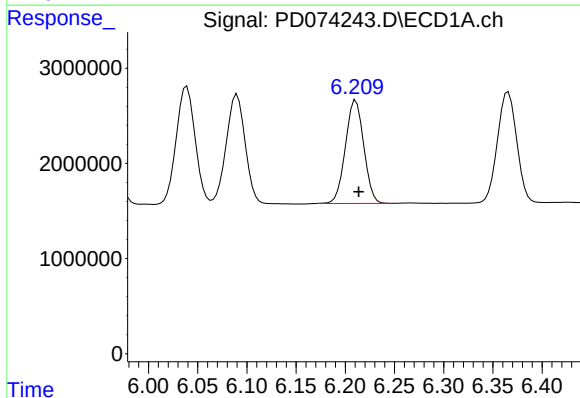
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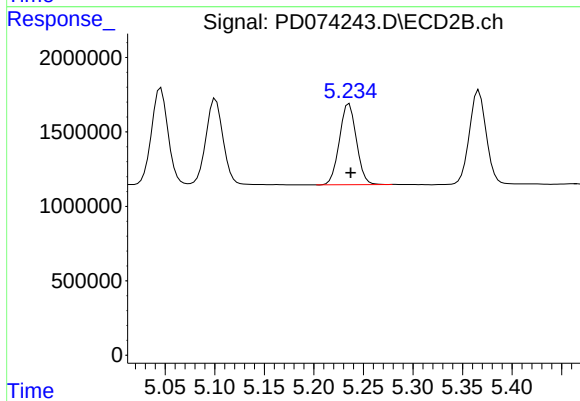
#11 alpha-Chlordane

R.T.: 5.046 min
Delta R.T.: -0.001 min
Response: 7738419
Conc: 5.02 ng/ml



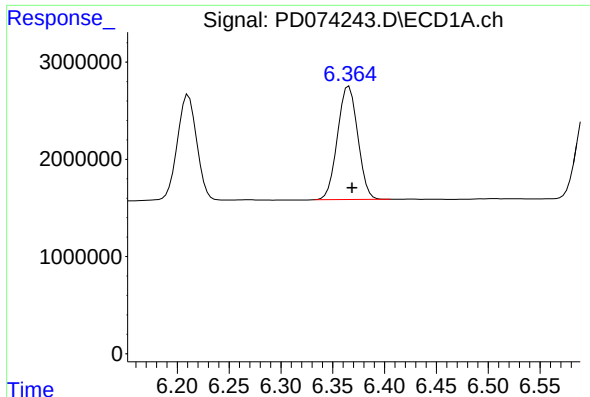
#12 4,4'-DDE

R.T.: 6.211 min
Delta R.T.: -0.003 min
Response: 14071244
Conc: 5.10 ng/ml



#12 4,4'-DDE

R.T.: 5.236 min
Delta R.T.: -0.002 min
Response: 6499192
Conc: 4.61 ng/ml



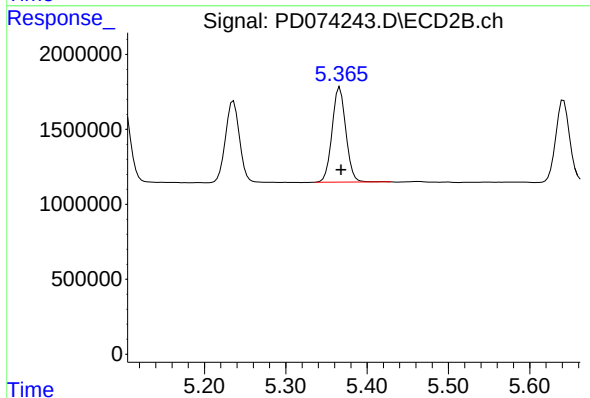
#13 Dieldrin

R.T.: 6.366 min
Delta R.T.: -0.003 min
Response: 15867893
Conc: 5.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
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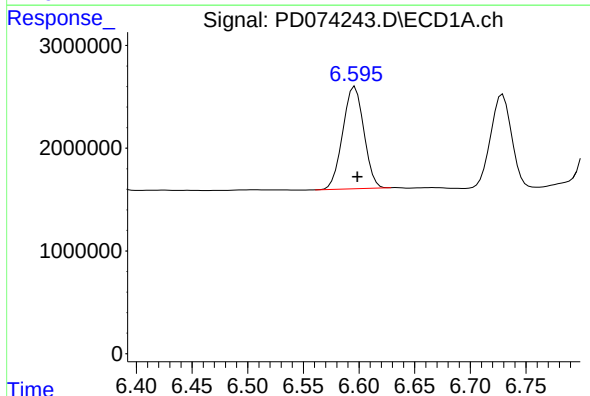
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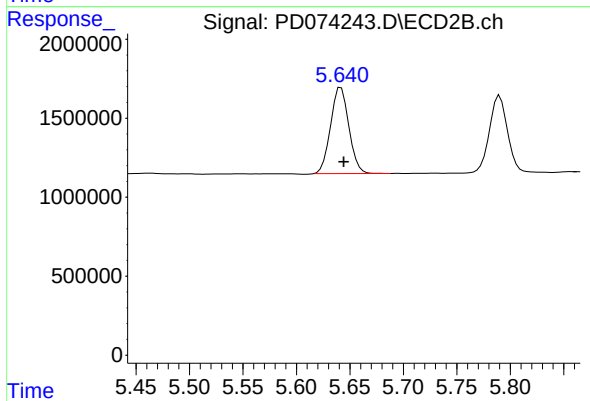
#13 Dieldrin

R.T.: 5.367 min
Delta R.T.: -0.001 min
Response: 7474604
Conc: 4.97 ng/ml



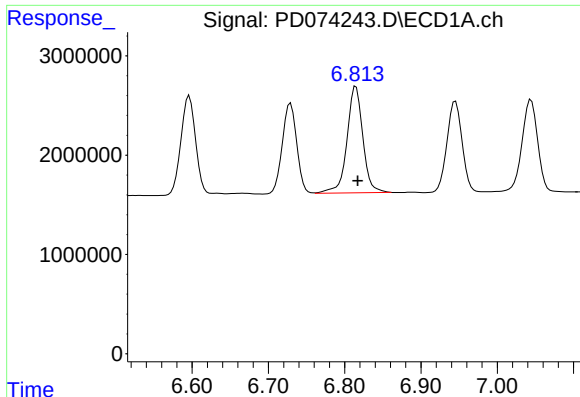
#14 Endrin

R.T.: 6.596 min
Delta R.T.: -0.002 min
Response: 13144656
Conc: 5.29 ng/ml



#14 Endrin

R.T.: 5.642 min
Delta R.T.: -0.002 min
Response: 6514592
Conc: 4.98 ng/ml



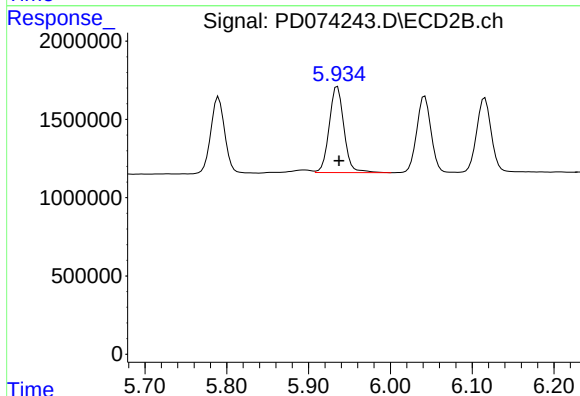
#15 Endosulfan II

R.T.: 6.815 min
Delta R.T.: -0.002 min
Response: 15519761
Conc: 6.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
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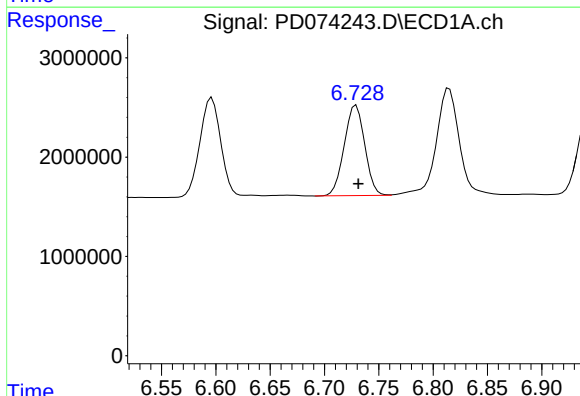
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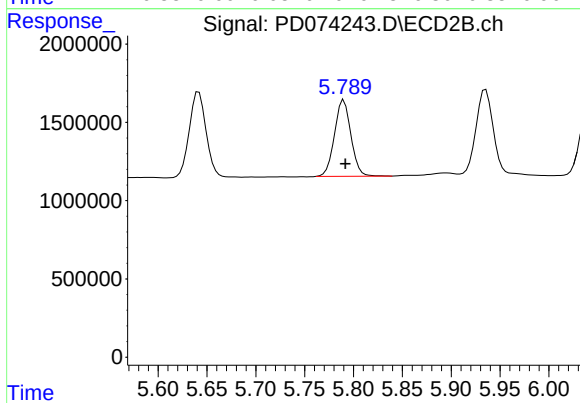
#15 Endosulfan II

R.T.: 5.935 min
Delta R.T.: -0.002 min
Response: 6923160
Conc: 5.50 ng/ml



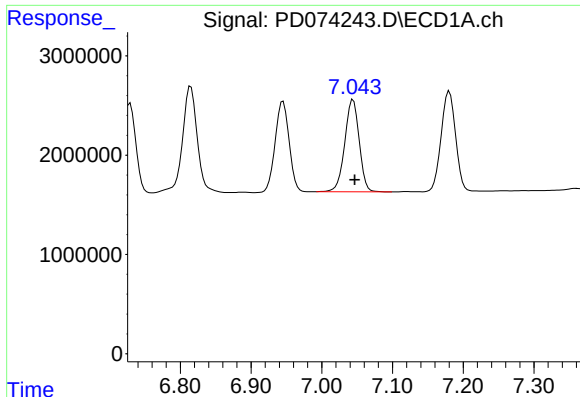
#16 4,4'-DDD

R.T.: 6.729 min
Delta R.T.: -0.002 min
Response: 11972301
Conc: 5.34 ng/ml



#16 4,4'-DDD

R.T.: 5.790 min
Delta R.T.: -0.002 min
Response: 5733738
Conc: 4.91 ng/ml



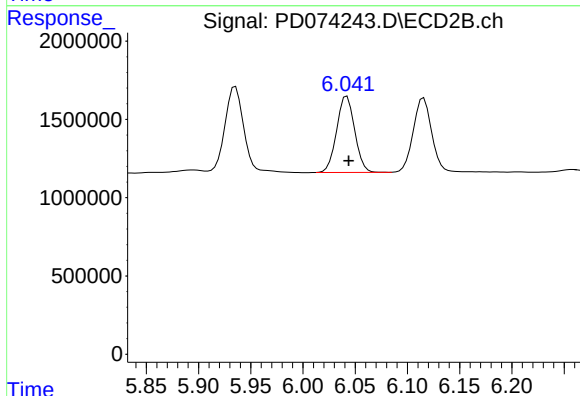
#17 4,4'-DDT

R.T.: 7.044 min
Delta R.T.: -0.002 min
Response: 13169654
Conc: 5.17 ng/ml

Instrument :
ECD_D
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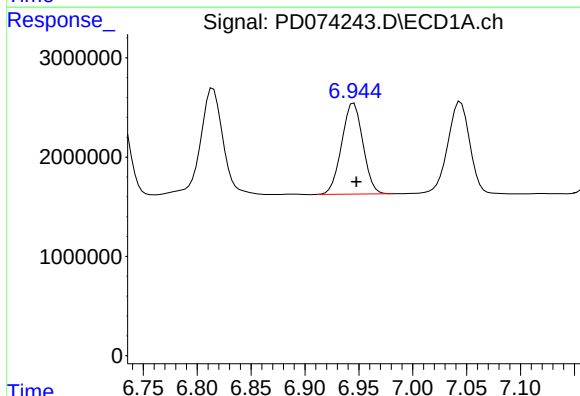
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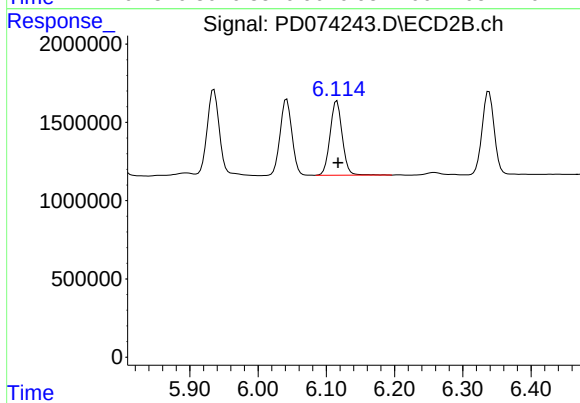
#17 4,4'-DDT

R.T.: 6.042 min
Delta R.T.: -0.002 min
Response: 5874064
Conc: 4.78 ng/ml



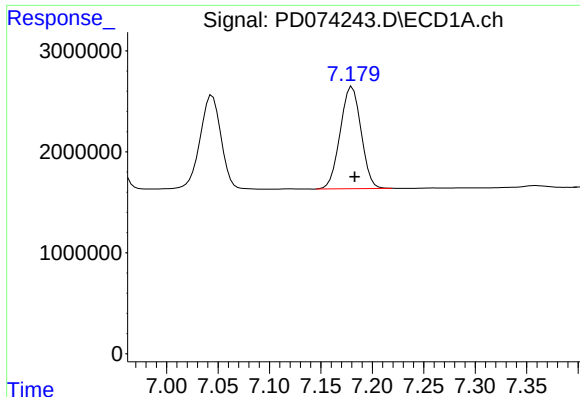
#18 Endrin aldehyde

R.T.: 6.945 min
Delta R.T.: -0.002 min
Response: 12594964
Conc: 6.30 ng/ml



#18 Endrin aldehyde

R.T.: 6.116 min
Delta R.T.: -0.002 min
Response: 5902290
Conc: 5.81 ng/ml



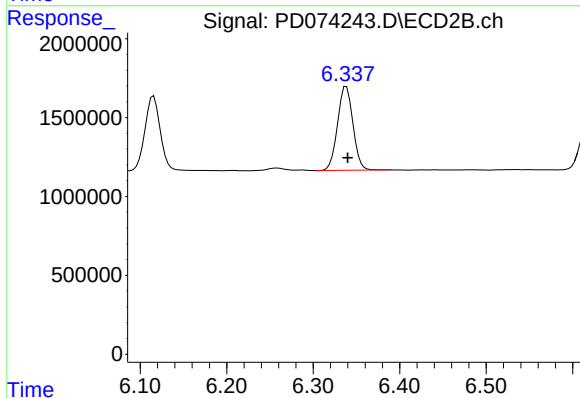
#19 Endosulfan Sulfate

R.T.: 7.180 min
Delta R.T.: -0.003 min
Response: 14278554
Conc: 5.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2023

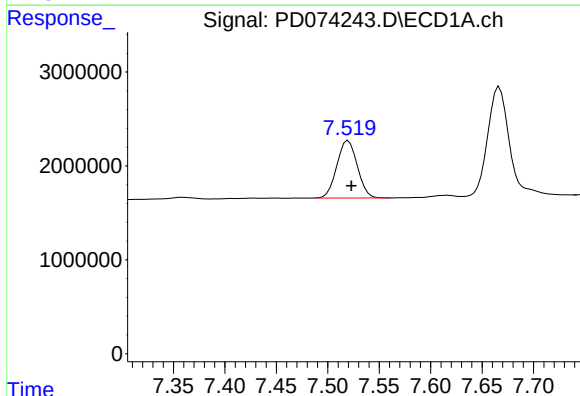
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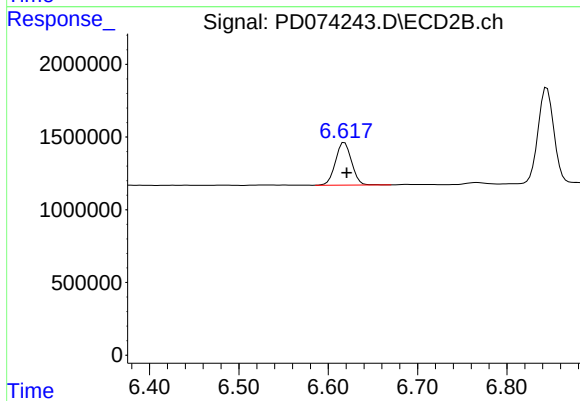
#19 Endosulfan Sulfate

R.T.: 6.338 min
Delta R.T.: -0.002 min
Response: 6539947
Conc: 5.36 ng/ml



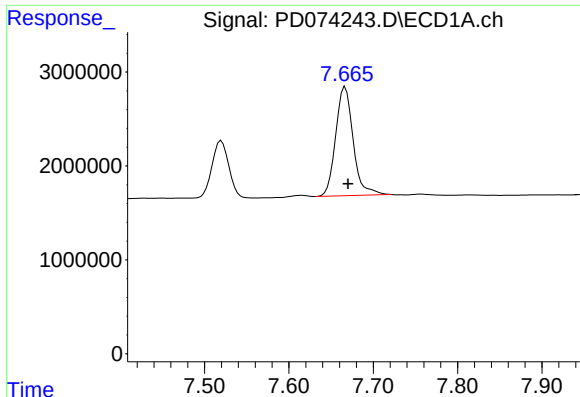
#20 Methoxychlor

R.T.: 7.520 min
Delta R.T.: -0.003 min
Response: 8468918
Conc: 6.05 ng/ml



#20 Methoxychlor

R.T.: 6.618 min
Delta R.T.: -0.002 min
Response: 3656081
Conc: 5.40 ng/ml



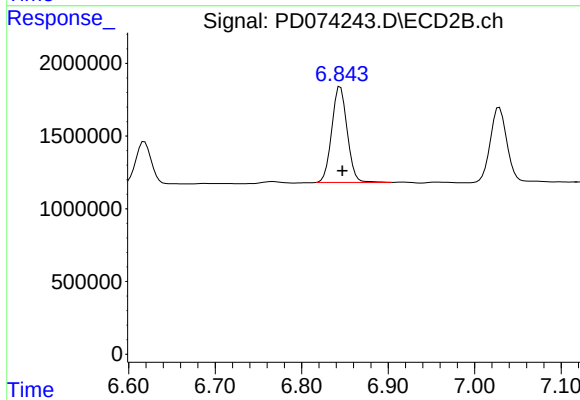
#21 Endrin ketone

R.T.: 7.667 min
Delta R.T.: -0.003 min
Response: 16748873
Conc: 6.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2023

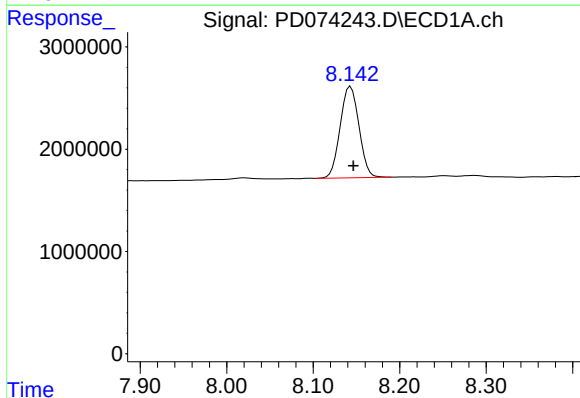
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/16/2023
Supervised By :Ankita Jodhani 03/16/2023



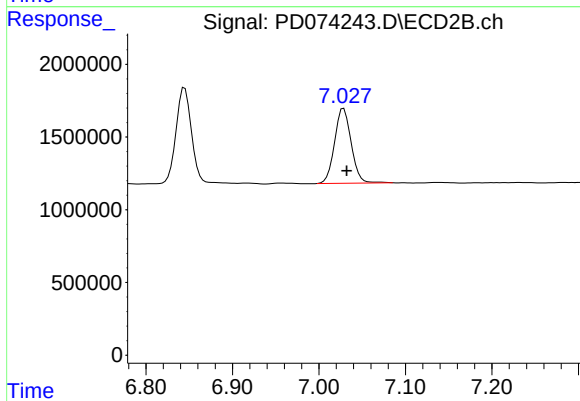
#21 Endrin ketone

R.T.: 6.845 min
Delta R.T.: -0.002 min
Response: 8150715
Conc: 5.53 ng/ml



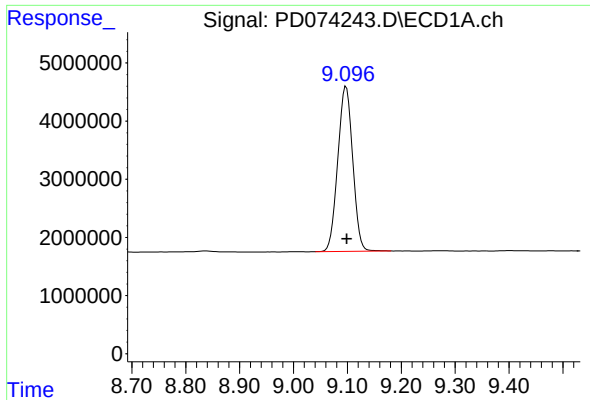
#22 Mirex

R.T.: 8.143 min
Delta R.T.: -0.003 min
Response: 13444730
Conc: 6.33 ng/ml



#22 Mirex

R.T.: 7.029 min
Delta R.T.: -0.003 min
Response: 6862206
Conc: 6.04 ng/ml



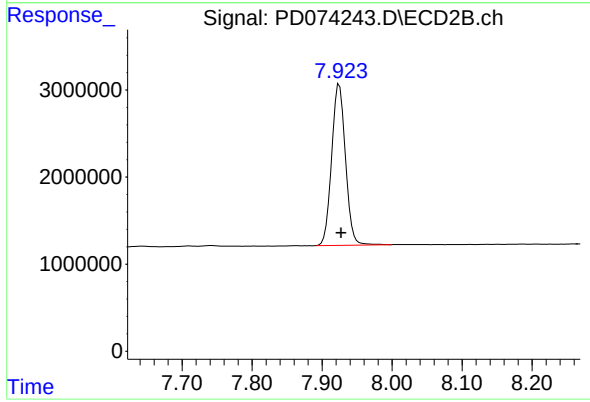
#28 Decachlorobiphenyl

R.T.: 9.098 min
Delta R.T.: -0.001 min
Response: 54592507
Conc: 20.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2023

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.925 min
Delta R.T.: -0.003 min
Response: 25407328
Conc: 20.71 ng/ml