

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080224\
 Data File : PD084190.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2024 12:08
 Operator : AR\AJ
 Sample : P3390-08
 Misc : PEST LOQ 5PPB/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-WATER-02-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/05/2024
 Supervised By :Ankita Jodhani 08/05/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 23:50:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 16 04:22:06 2024
 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...	3.565	2.770	17246123	96959087	16.867	16.864
28)	SA Decachlor...	9.118	7.894	38238118	119.8E6	16.750	18.657
Target Compounds							
2)	A alpha-BHC	4.022	3.270	7367661	38216413	3.751	4.311
3)	MA gamma-BHC...	4.356	3.598	7696468	36956981	3.983	4.622
4)	MA Heptachlor	4.947	3.936	8956843	36431065	4.503	4.485
5)	MB Aldrin	5.291	4.214	9197751	36342506	4.520	4.526
6)	B beta-BHC	4.554	3.895	3770846	17089333	4.754	4.857
7)	B delta-BHC	4.801	4.124	8726540	36983248	4.800m	4.445
8)	B Heptachlo...	5.718	4.715	9180961	34793499	5.150m	4.841
9)	A Endosulfan I	6.106	5.083	9080372	32468163	4.696	4.708m
10)	B gamma-Chl...	5.976	4.965	9462803	36123818	4.733	4.765
11)	B alpha-Chl...	6.055	5.028	9275530	35853548	4.652	4.801
12)	B 4,4'-DDE	6.228	5.216	9330831	34135811	4.681	4.791
13)	MA Dieldrin	6.382	5.348	9227930	35374206	4.474	4.711
14)	MA Endrin	6.612	5.623	7099135	28370712	3.977m	4.290m
15)	B Endosulfa...	6.832	5.918	8779326	31212350	4.598	4.885
16)	A 4,4'-DDD	6.746	5.771	6728725	28317388	4.442	5.113
17)	MA 4,4'-DDT	7.062	6.021	5946415	21259859	3.462	3.706
18)	B Endrin al...	6.964	6.097	6941860	26041571	4.726	5.189
19)	B Endosulfa...	7.198	6.319	8251149	30117319	4.542	4.921
20)	A Methoxychlor	7.538	6.595	3473521	12235718	3.525	4.148
21)	B Endrin ke...	7.685	6.825	9472076	34859484	4.586	5.149
22)	Mirex	8.161	7.004	7820494	28526372	4.802	5.264

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

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Data File : PD084190.D
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Acq On : 02 Aug 2024 12:08
Operator : AR\AJ
Sample : P3390-08
Misc : PEST LOQ 5PPB/WATER
ALS Vial : 12 Sample Multiplier: 1

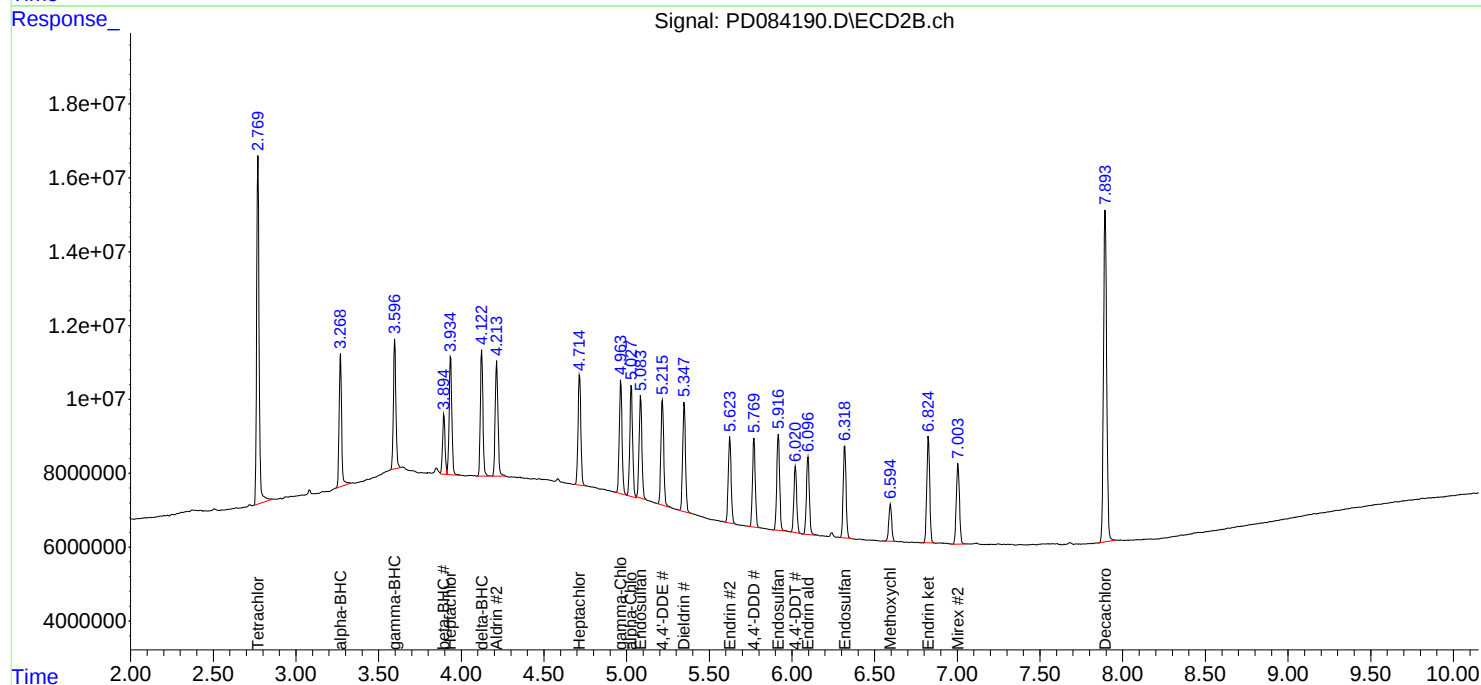
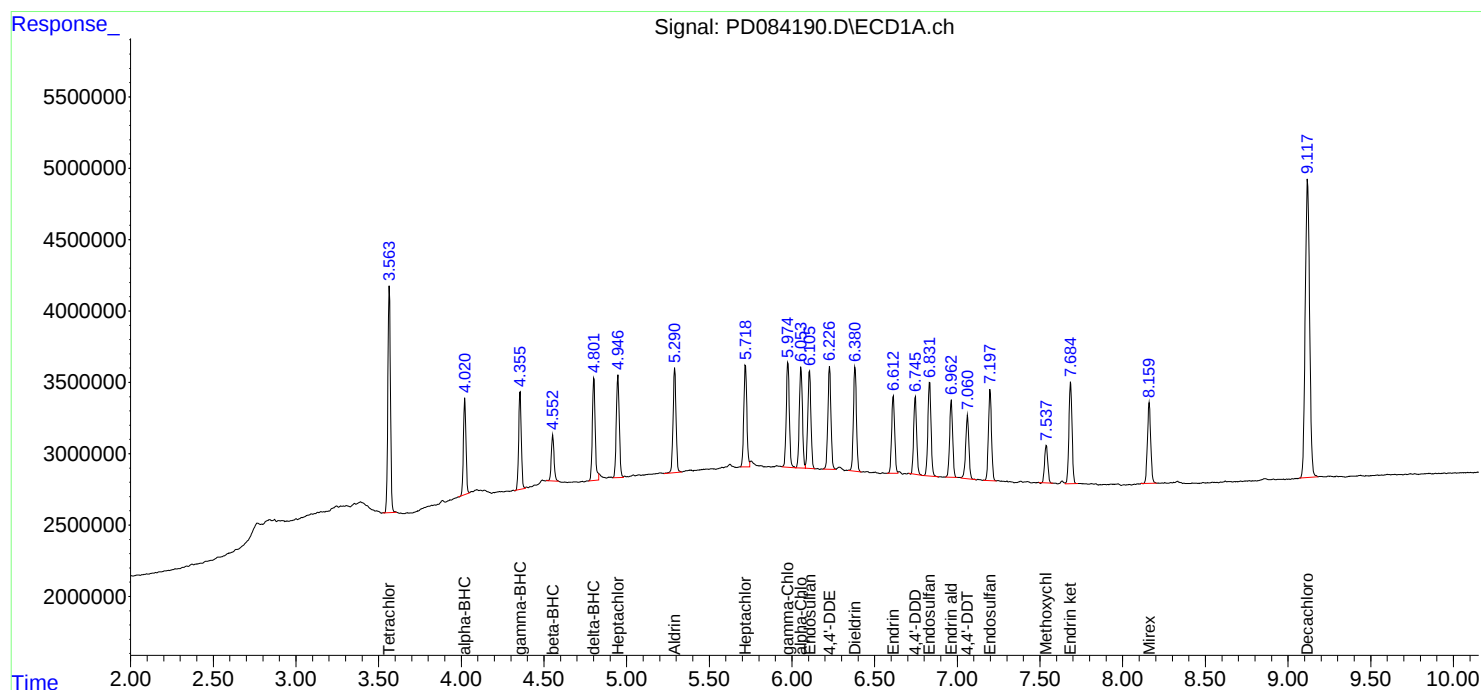
Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2024

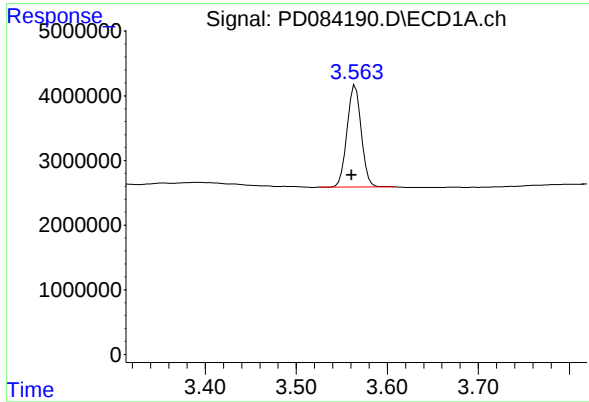
Manual Integrations
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Supervised By : Ankita Jodhani 08/05/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 23:50:48 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
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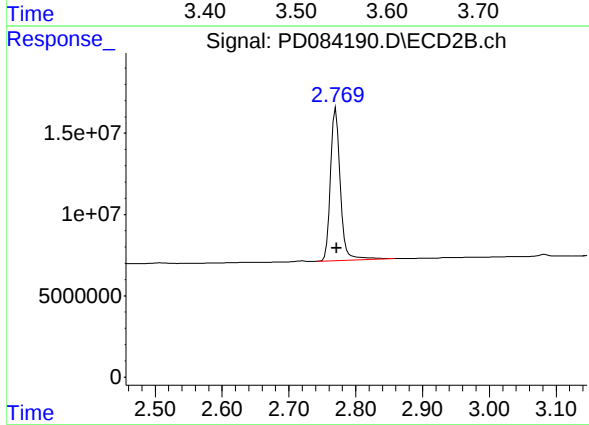
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: 0.004 min
Response: 17246123
Conc: 16.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2024

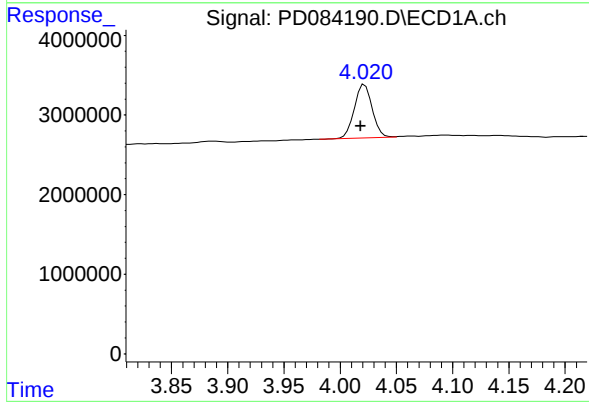
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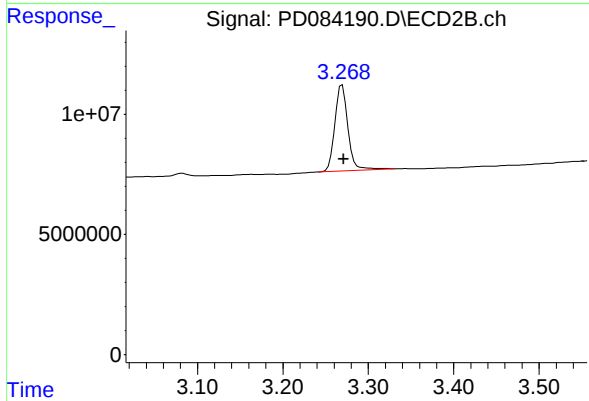
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.001 min
Response: 96959087
Conc: 16.86 ng/ml



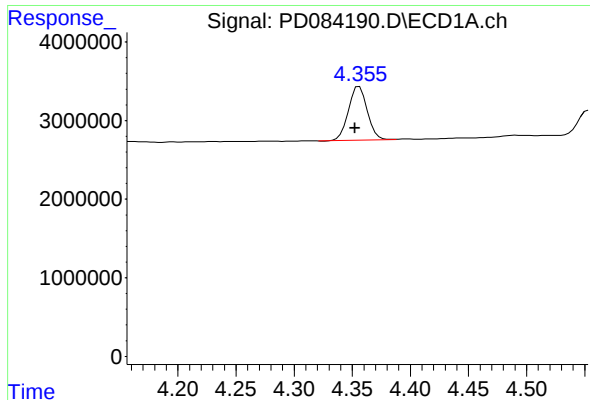
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.004 min
Response: 7367661
Conc: 3.75 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.002 min
Response: 38216413
Conc: 4.31 ng/ml



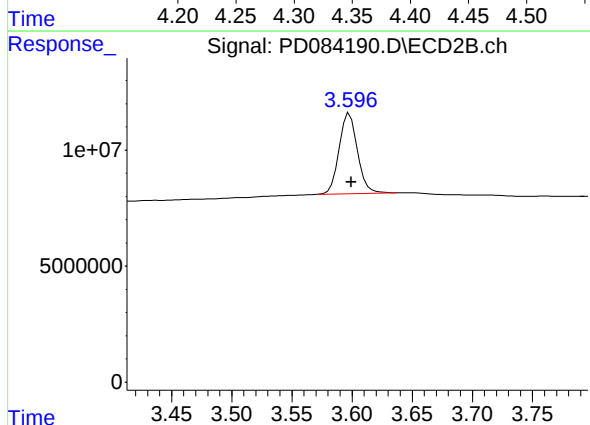
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: 0.004 min
Response: 7696468
Conc: 3.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2024

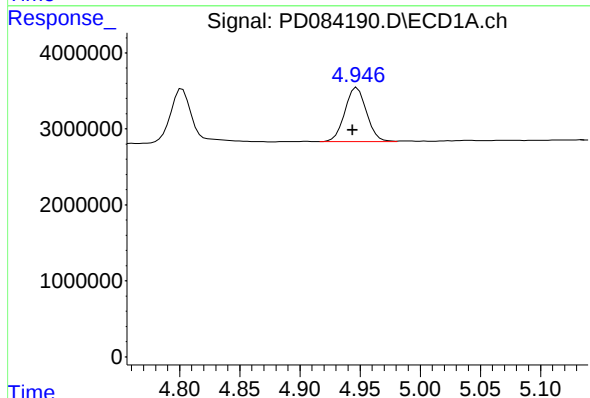
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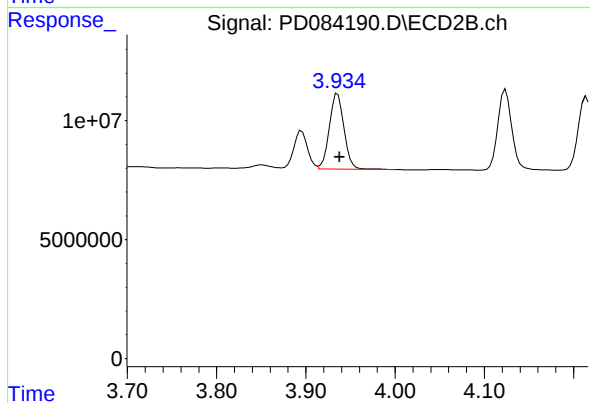
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.002 min
Response: 36956981
Conc: 4.62 ng/ml



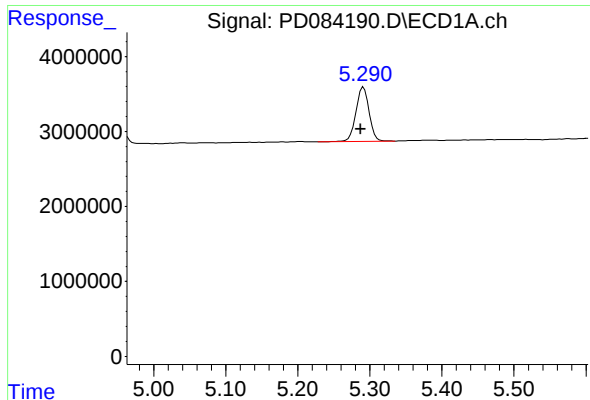
#4 Heptachlor

R.T.: 4.947 min
Delta R.T.: 0.004 min
Response: 8956843
Conc: 4.50 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: -0.002 min
Response: 36431065
Conc: 4.48 ng/ml



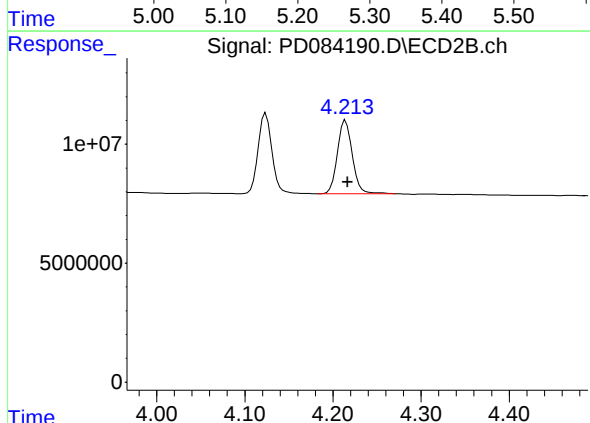
#5 Aldrin

R.T.: 5.291 min
Delta R.T.: 0.004 min
Response: 9197751
Conc: 4.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2024

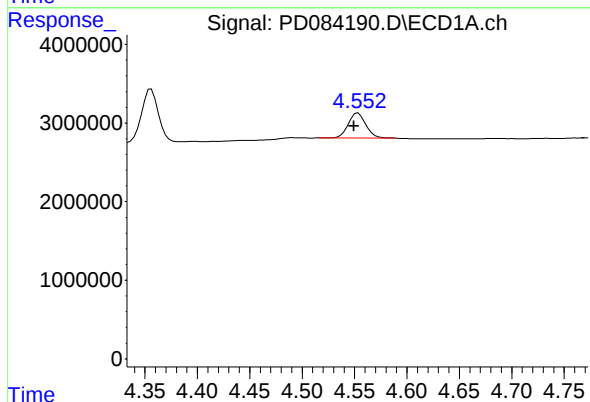
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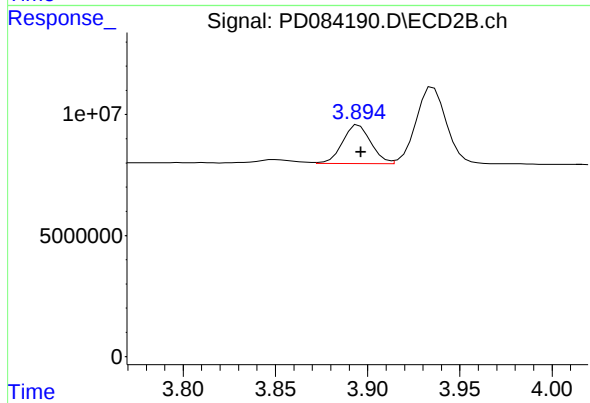
#5 Aldrin

R.T.: 4.214 min
Delta R.T.: -0.002 min
Response: 36342506
Conc: 4.53 ng/ml



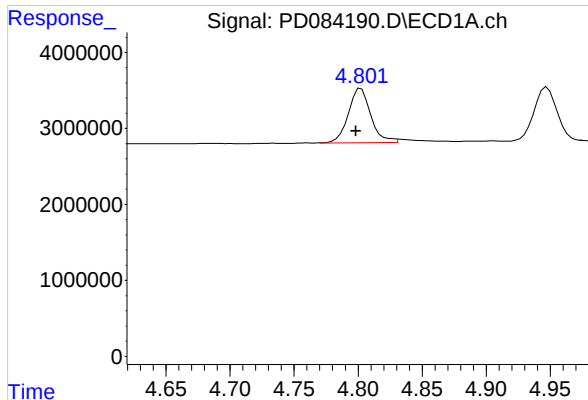
#6 beta-BHC

R.T.: 4.554 min
Delta R.T.: 0.004 min
Response: 3770846
Conc: 4.75 ng/ml



#6 beta-BHC

R.T.: 3.895 min
Delta R.T.: -0.001 min
Response: 17089333
Conc: 4.86 ng/ml



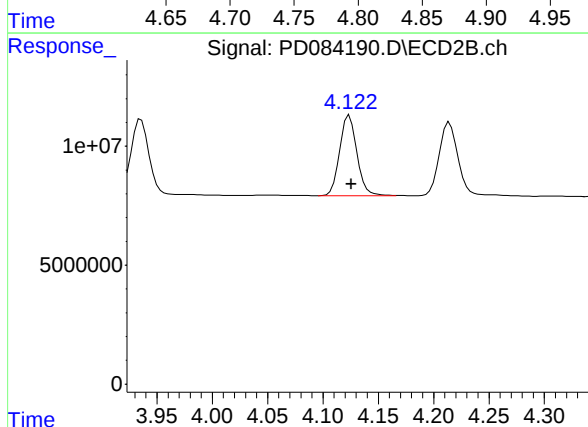
#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: 0.003 min
Response: 8726540
Conc: 4.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2024

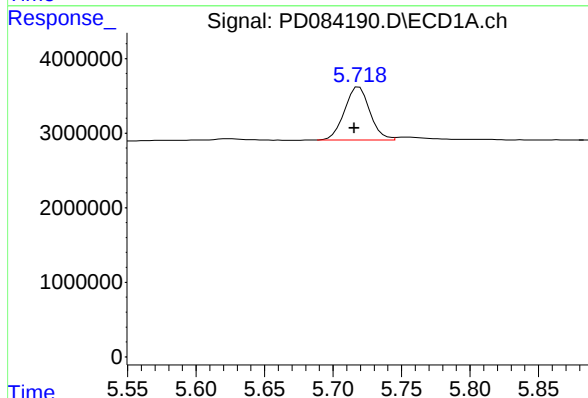
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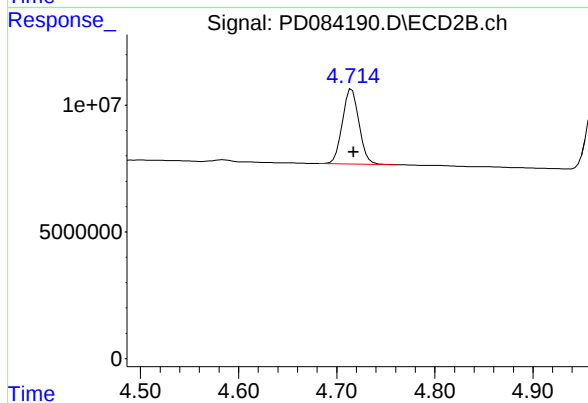
#7 delta-BHC

R.T.: 4.124 min
Delta R.T.: -0.002 min
Response: 36983248
Conc: 4.44 ng/ml



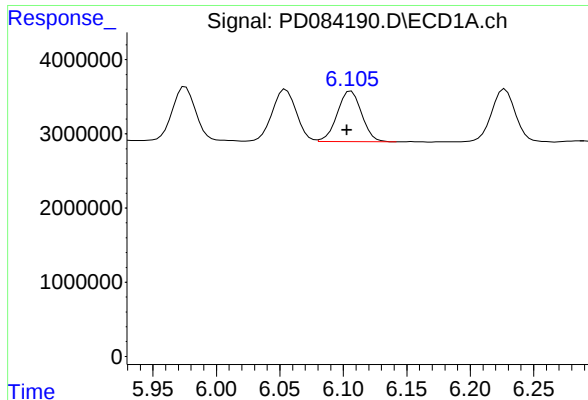
#8 Heptachlor epoxide

R.T.: 5.718 min
Delta R.T.: 0.002 min
Response: 9180961
Conc: 5.15 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.715 min
Delta R.T.: -0.002 min
Response: 34793499
Conc: 4.84 ng/ml



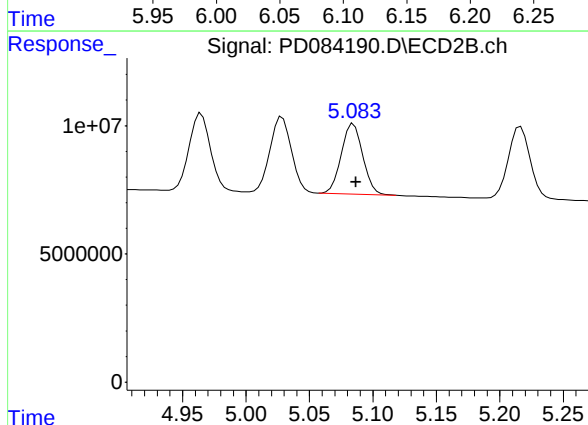
#9 Endosulfan I

R.T.: 6.106 min
Delta R.T.: 0.003 min
Response: 9080372
Conc: 4.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2024

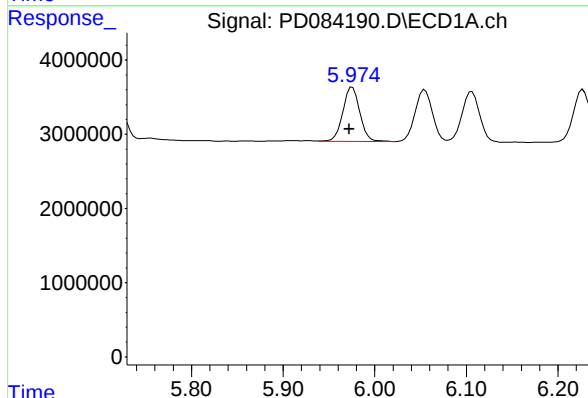
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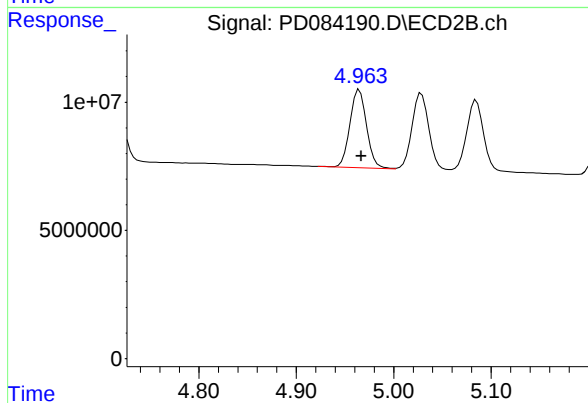
#9 Endosulfan I

R.T.: 5.083 min
Delta R.T.: -0.003 min
Response: 32468163
Conc: 4.71 ng/ml m



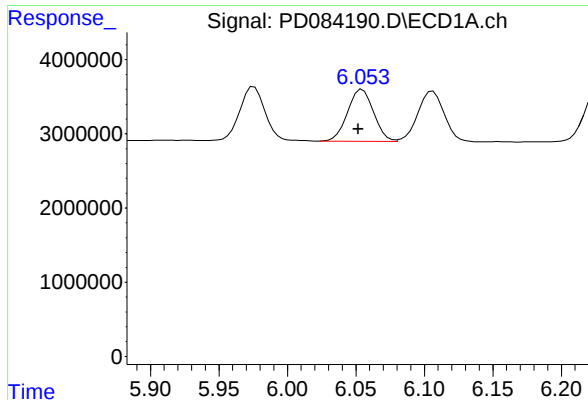
#10 gamma-Chlordane

R.T.: 5.976 min
Delta R.T.: 0.003 min
Response: 9462803
Conc: 4.73 ng/ml



#10 gamma-Chlordane

R.T.: 4.965 min
Delta R.T.: -0.002 min
Response: 36123818
Conc: 4.77 ng/ml



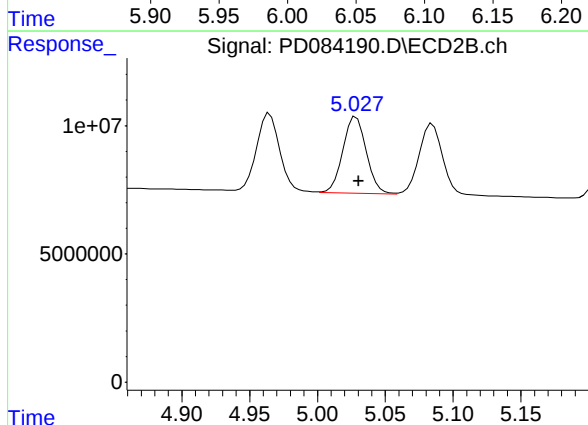
#11 alpha-Chlordane

R.T.: 6.055 min
Delta R.T.: 0.003 min
Response: 9275530
Conc: 4.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2024

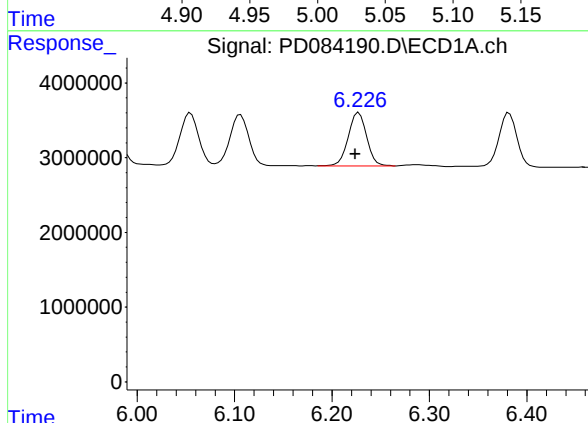
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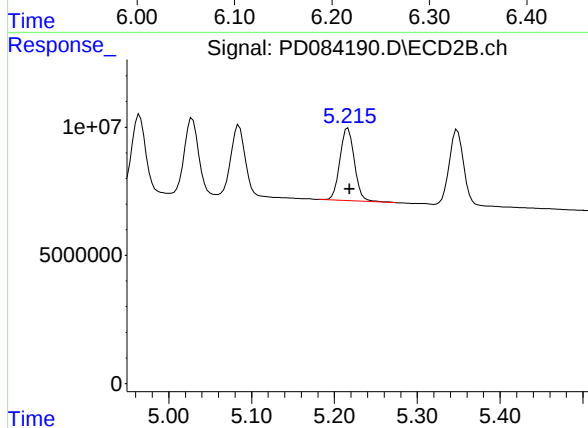
#11 alpha-Chlordane

R.T.: 5.028 min
Delta R.T.: -0.002 min
Response: 35853548
Conc: 4.80 ng/ml



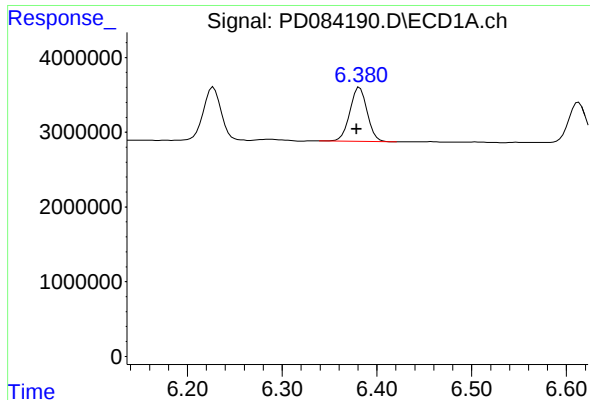
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: 0.004 min
Response: 9330831
Conc: 4.68 ng/ml



#12 4,4'-DDE

R.T.: 5.216 min
Delta R.T.: -0.002 min
Response: 34135811
Conc: 4.79 ng/ml



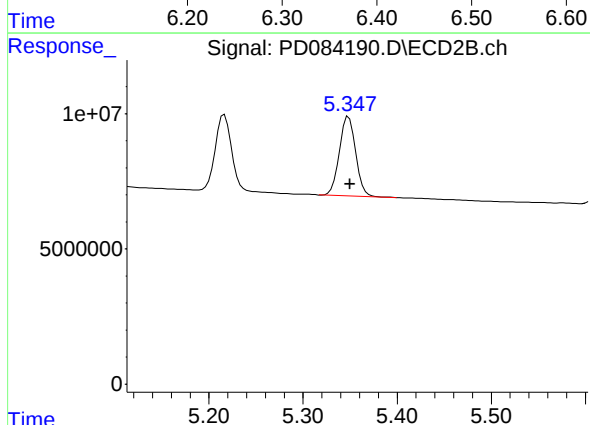
#13 Dieldrin

R.T.: 6.382 min
Delta R.T.: 0.004 min
Response: 9227930
Conc: 4.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2024

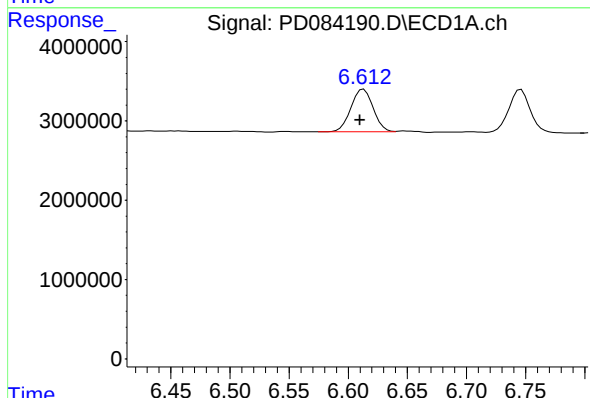
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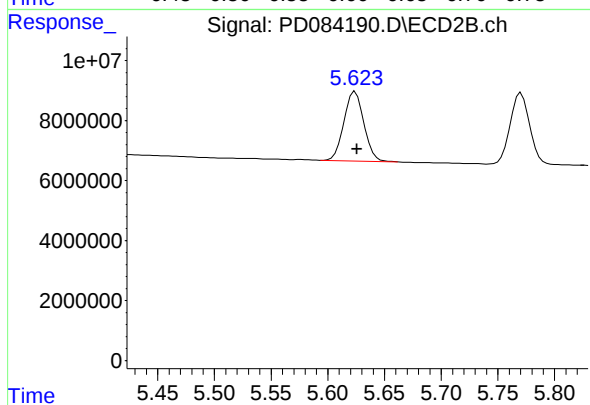
#13 Dieldrin

R.T.: 5.348 min
Delta R.T.: -0.002 min
Response: 35374206
Conc: 4.71 ng/ml



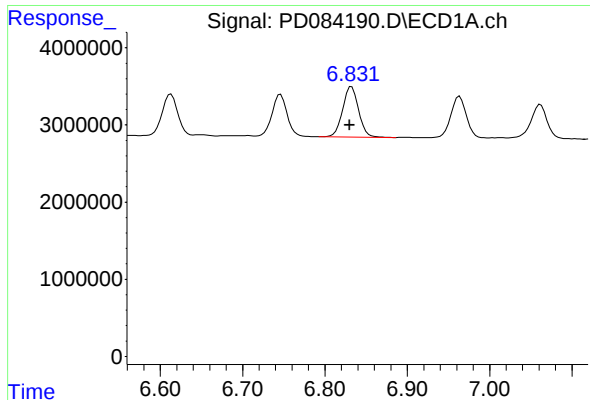
#14 Endrin

R.T.: 6.612 min
Delta R.T.: 0.002 min
Response: 7099135
Conc: 3.98 ng/ml m



#14 Endrin

R.T.: 5.623 min
Delta R.T.: -0.003 min
Response: 28370712
Conc: 4.29 ng/ml m



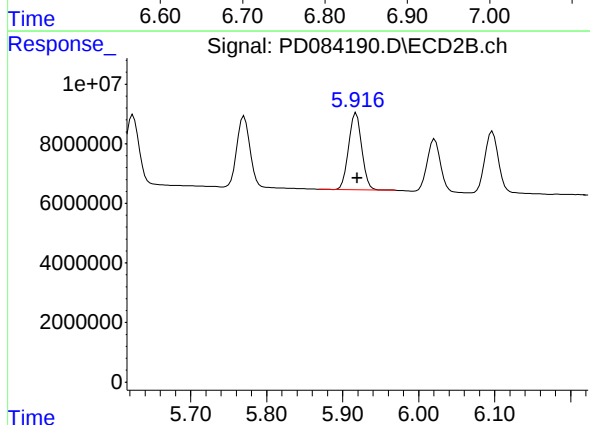
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: 0.002 min
Response: 8779326
Conc: 4.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
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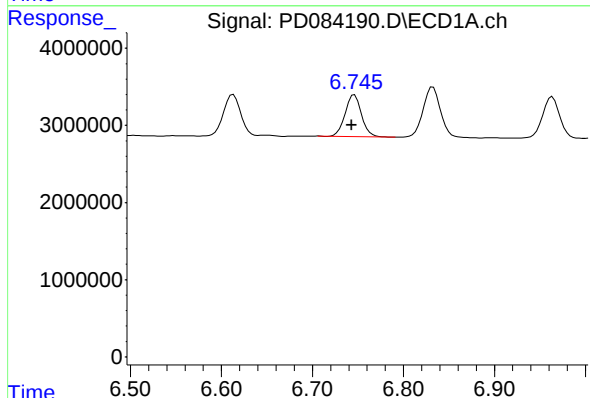
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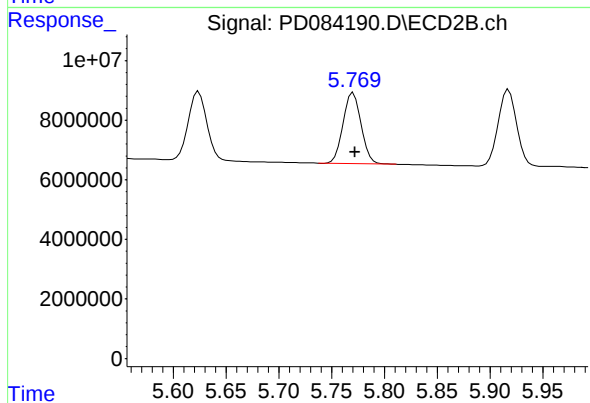
#15 Endosulfan II

R.T.: 5.918 min
Delta R.T.: -0.001 min
Response: 31212350
Conc: 4.89 ng/ml



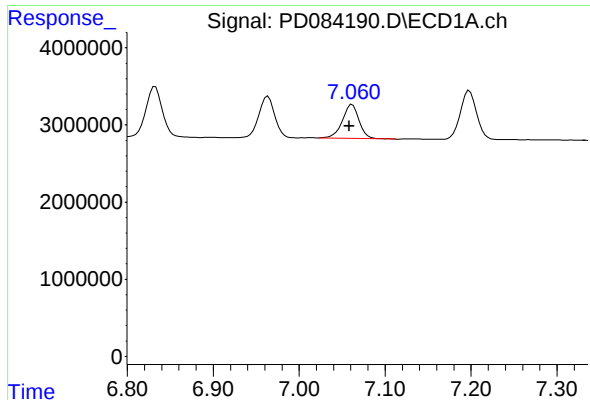
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: 0.003 min
Response: 6728725
Conc: 4.44 ng/ml



#16 4,4'-DDD

R.T.: 5.771 min
Delta R.T.: -0.001 min
Response: 28317388
Conc: 5.11 ng/ml



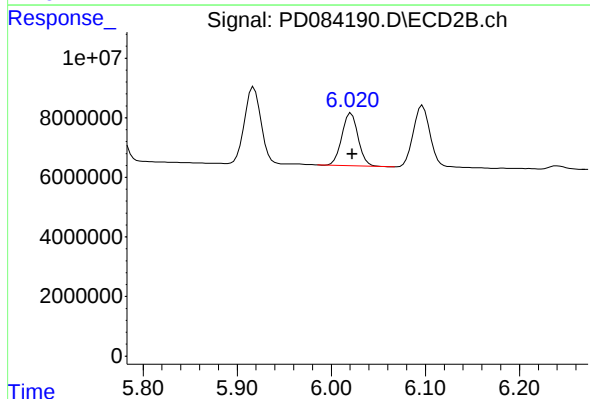
#17 4,4'-DDT

R.T.: 7.062 min
Delta R.T.: 0.004 min
Response: 5946415
Conc: 3.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2024

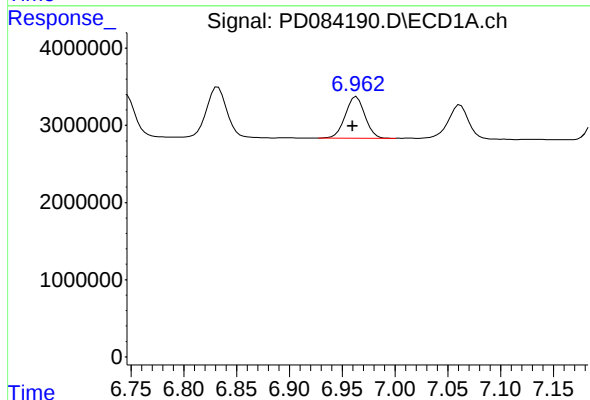
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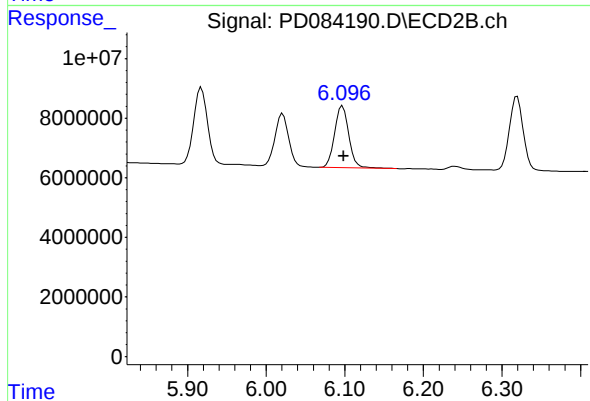
#17 4,4'-DDT

R.T.: 6.021 min
Delta R.T.: -0.001 min
Response: 21259859
Conc: 3.71 ng/ml



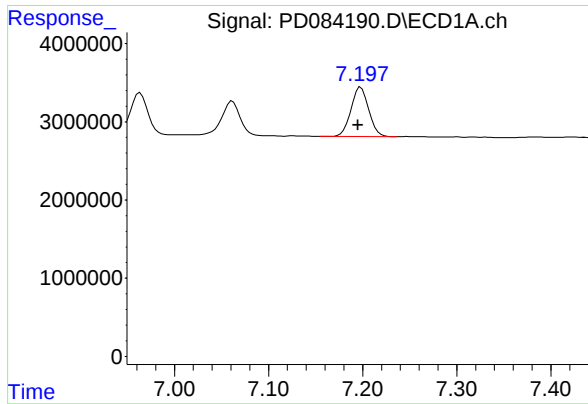
#18 Endrin aldehyde

R.T.: 6.964 min
Delta R.T.: 0.004 min
Response: 6941860
Conc: 4.73 ng/ml



#18 Endrin aldehyde

R.T.: 6.097 min
Delta R.T.: -0.002 min
Response: 26041571
Conc: 5.19 ng/ml



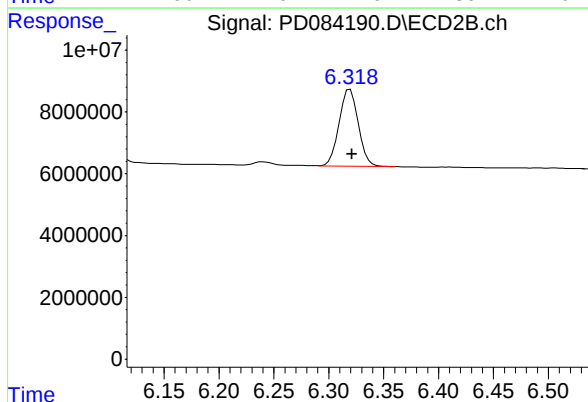
#19 Endosulfan Sulfate

R.T.: 7.198 min
Delta R.T.: 0.003 min
Response: 8251149
Conc: 4.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
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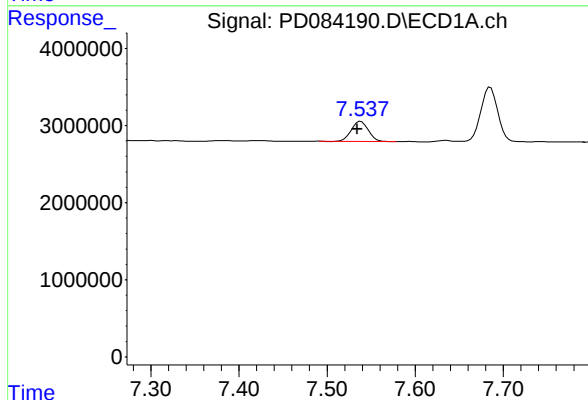
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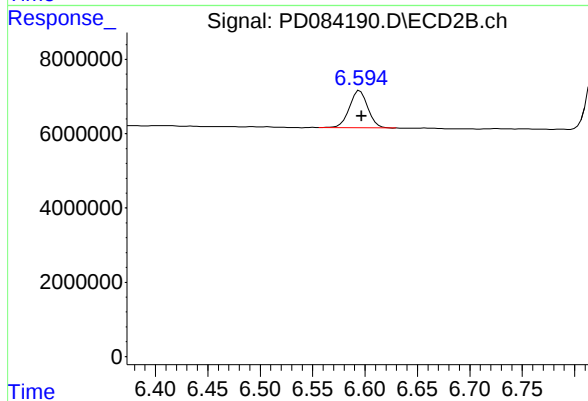
#19 Endosulfan Sulfate

R.T.: 6.319 min
Delta R.T.: -0.002 min
Response: 30117319
Conc: 4.92 ng/ml



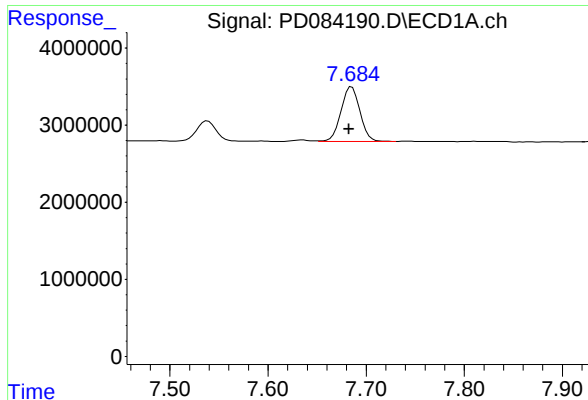
#20 Methoxychlor

R.T.: 7.538 min
Delta R.T.: 0.004 min
Response: 3473521
Conc: 3.53 ng/ml



#20 Methoxychlor

R.T.: 6.595 min
Delta R.T.: -0.002 min
Response: 12235718
Conc: 4.15 ng/ml



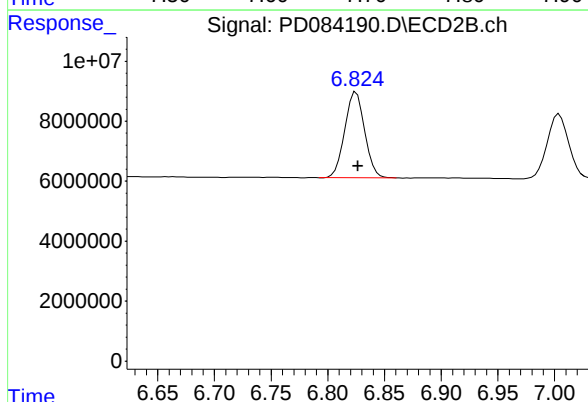
#21 Endrin ketone

R.T.: 7.685 min
Delta R.T.: 0.003 min
Response: 9472076
Conc: 4.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2024

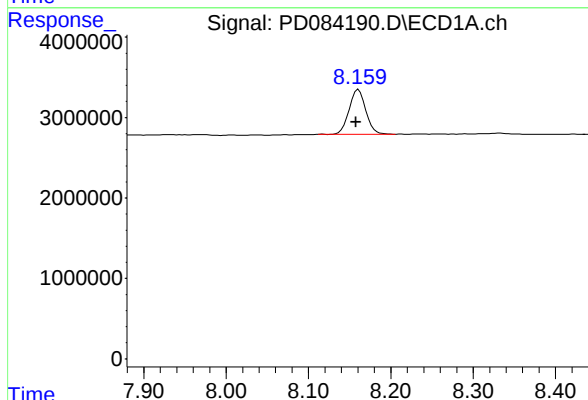
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



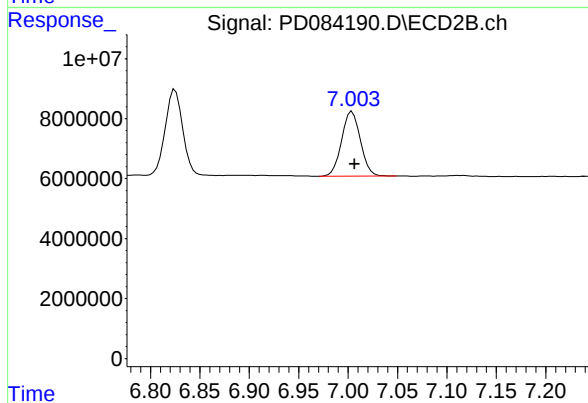
#21 Endrin ketone

R.T.: 6.825 min
Delta R.T.: -0.002 min
Response: 34859484
Conc: 5.15 ng/ml



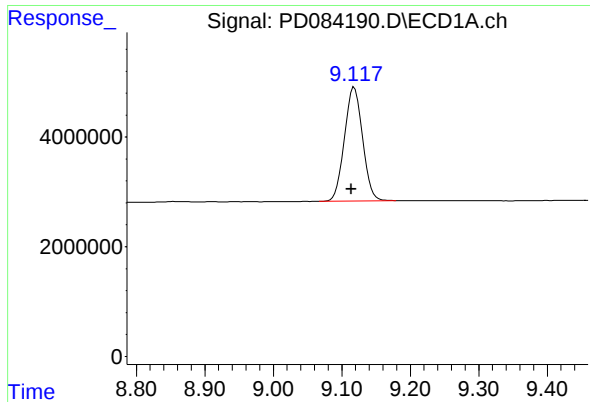
#22 Mirex

R.T.: 8.161 min
Delta R.T.: 0.003 min
Response: 7820494
Conc: 4.80 ng/ml



#22 Mirex

R.T.: 7.004 min
Delta R.T.: -0.002 min
Response: 28526372
Conc: 5.26 ng/ml



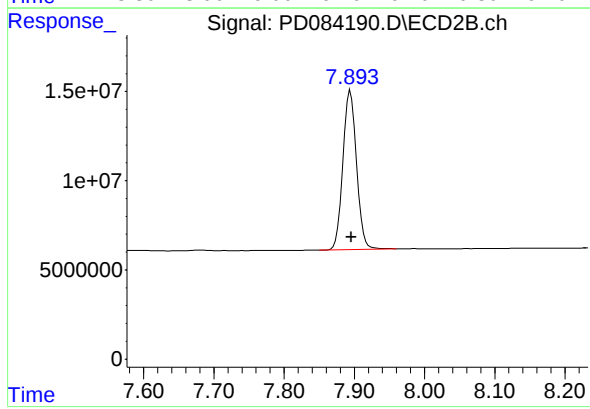
#28 Decachlorobiphenyl

R.T.: 9.118 min
Delta R.T.: 0.004 min
Response: 38238118
Conc: 16.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2024

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 08/05/2024



#28 Decachlorobiphenyl

R.T.: 7.894 min
Delta R.T.: -0.002 min
Response: 119816850
Conc: 18.66 ng/ml