

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051424\
 Data File : PD082793.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2024 13:56
 Operator : AR\AJ
 Sample : P2403-08
 Misc : PEST LOQ 5PPB
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/15/2024
 Supervised By :Ankita Jodhani 05/15/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 22:14:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 15:39:20 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	2.776	29708907	73426885	19.190	18.527
28)	SA Decachlor...	9.120	7.905	41303715	79049558	20.684	20.451
Target Compounds							
2)	A alpha-BHC	4.020	3.274	11352121	25641616	4.144m	4.111m
3)	MA gamma-BHC...	4.356	3.604	11342521	25504615	4.291	4.315
4)	MA Heptachlor	4.948	3.943	12078919	25488839	4.789	4.605
5)	MB Aldrin	5.292	4.222	11378818	25499706	4.416	4.475
6)	B beta-BHC	4.552	3.899	5176976	13067187	4.943	5.472
7)	B delta-BHC	4.800	4.129	14661828	23927033	5.901	4.134 #
8)	B Heptachlo...	5.718	4.721	11820128	23391593	5.068m	4.643m
9)	A Endosulfan I	6.106	5.093	10863812	21537395	5.031m	4.669
10)	B gamma-Chl...	5.975	4.973	11222082	23726806	4.955m	4.746
11)	B alpha-Chl...	6.054	5.037	11300208	23788982	4.995m	4.790
12)	B 4,4'-DDE	6.228	5.225	10706481	21133861	4.894	4.527
13)	MA Dieldrin	6.383	5.356	10696223	23041270	4.783	4.584
14)	MA Endrin	6.612	5.632	9231023	20651938	4.906m	4.723
15)	B Endosulfa...	6.833	5.925	10807847	20112945	5.417	4.816
16)	A 4,4'-DDD	6.746	5.779	7928570	17508223	4.957	4.654
17)	MA 4,4'-DDT	7.062	6.030	8270857	15911519	4.900	4.149
18)	B Endrin al...	6.963	6.104	7755952	16203311	5.539	5.190
19)	B Endosulfa...	7.199	6.326	9325837	19644744	5.285	4.927
20)	A Methoxychlor	7.538	6.604	4704455	9534510	5.132	4.692
21)	B Endrin ke...	7.686	6.832	10065468	21639874	5.237	4.760
22)	Mirex	8.162	7.014	8864845	18857403	5.784	5.278

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051424\
Data File : PD082793.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2024 13:56
Operator : AR\AJ
Sample : P2403-08
Misc : PEST LOQ 5PPB
ALS Vial : 20 Sample Multiplier: 1

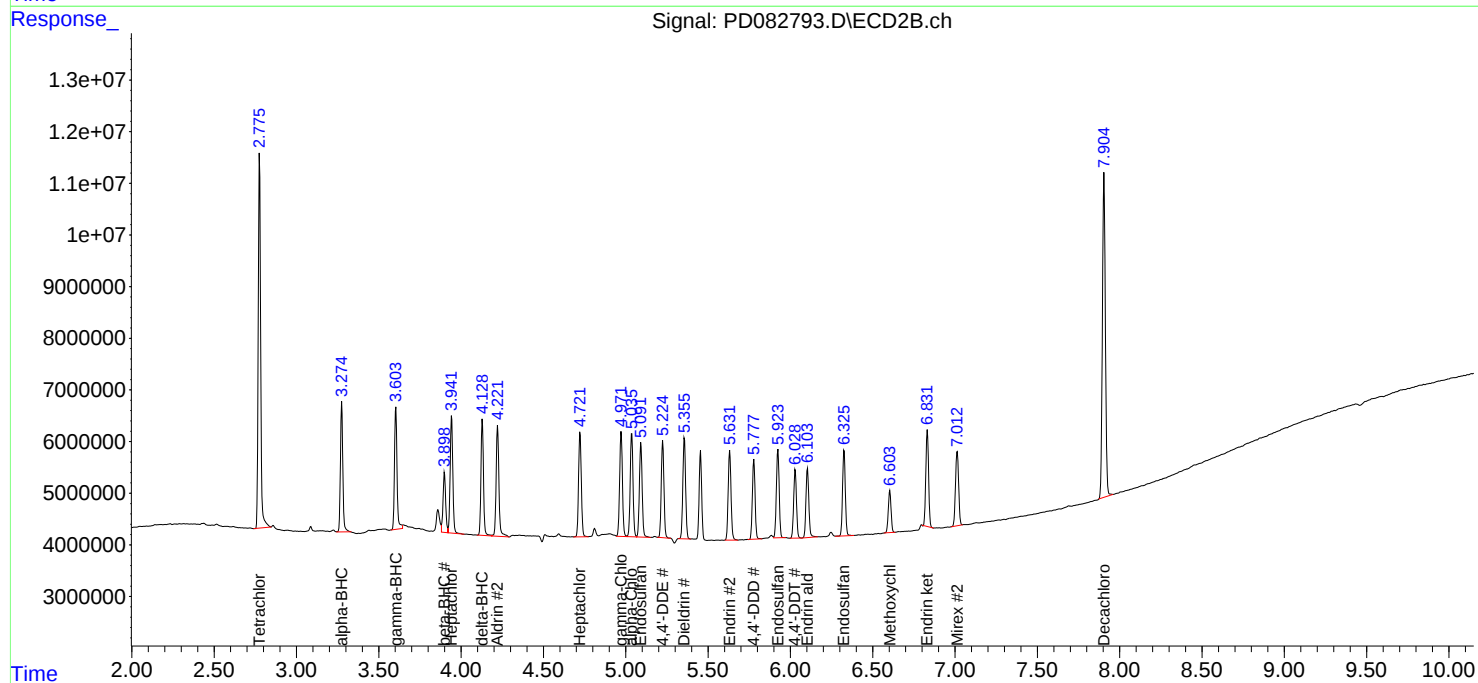
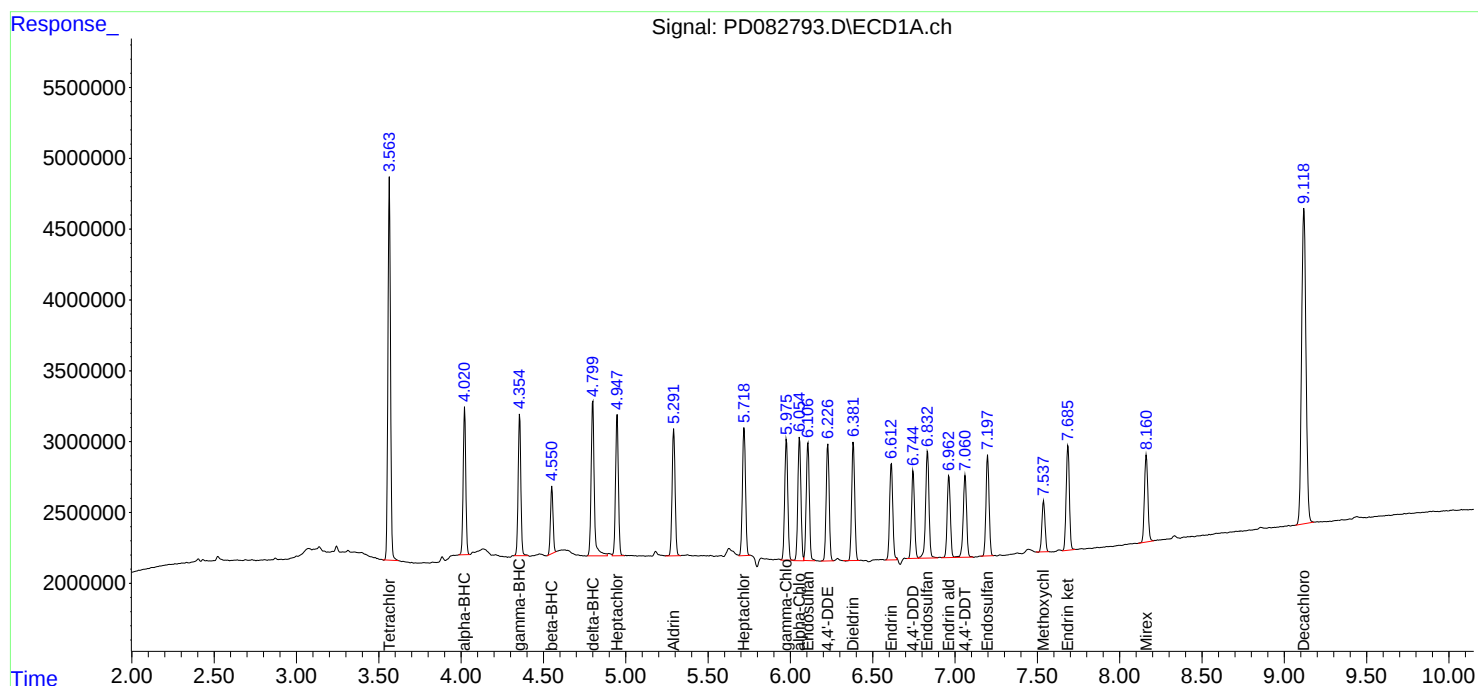
Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2024

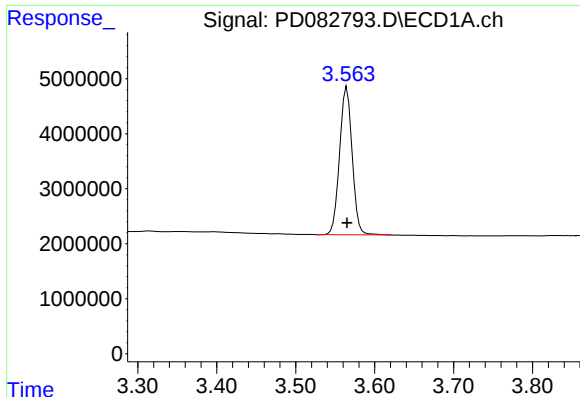
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/15/2024
Supervised By : Ankita Jodhani 05/15/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 14 22:14:29 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
Quant Title : GC Extractables
QLast Update : Mon May 13 15:39:20 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





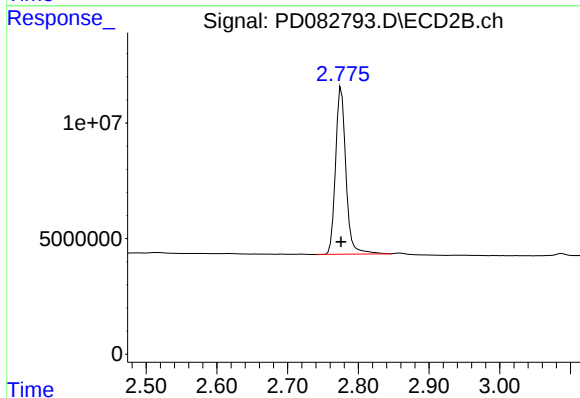
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: 0.000 min
Response: 29708907
Conc: 19.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2024

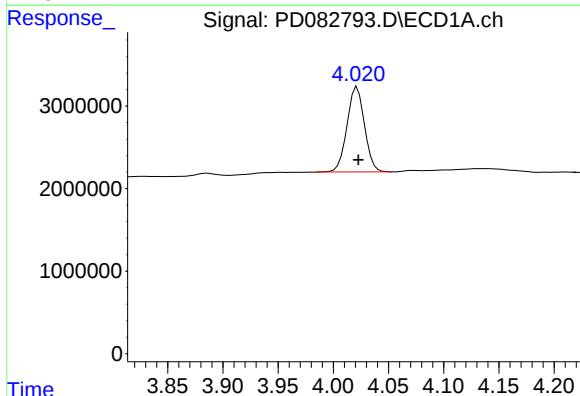
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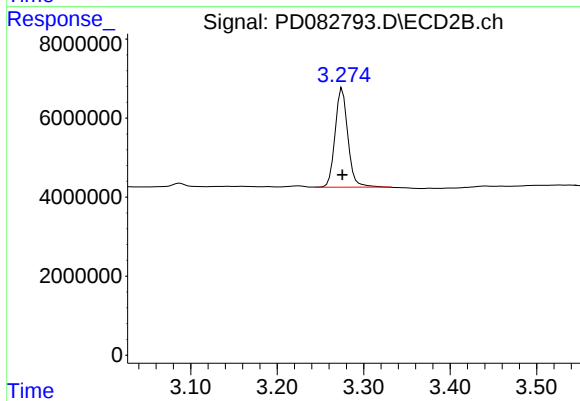
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.000 min
Response: 73426885
Conc: 18.53 ng/ml



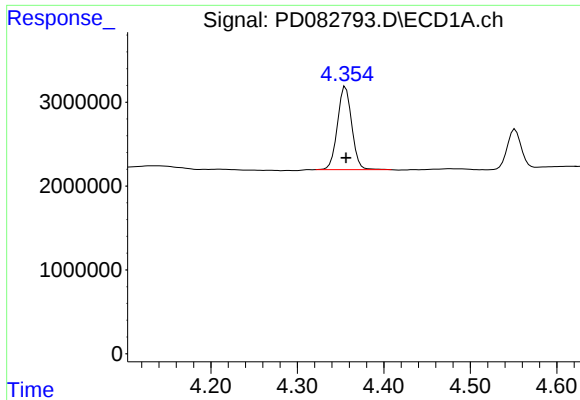
#2 alpha-BHC

R.T.: 4.020 min
Delta R.T.: -0.002 min
Response: 11352121
Conc: 4.14 ng/ml m



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: -0.001 min
Response: 25641616
Conc: 4.11 ng/ml m



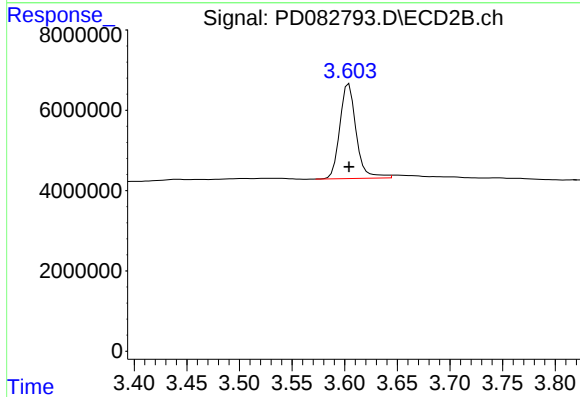
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 11342521
Conc: 4.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2024

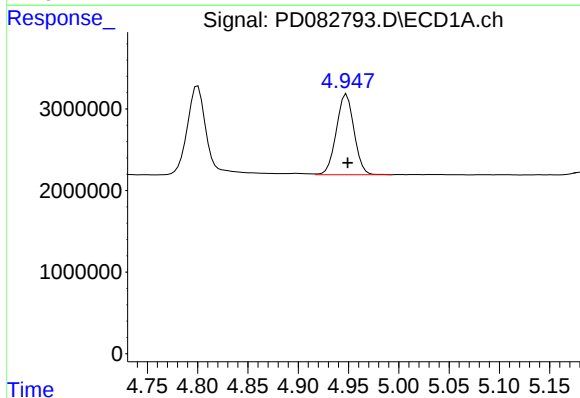
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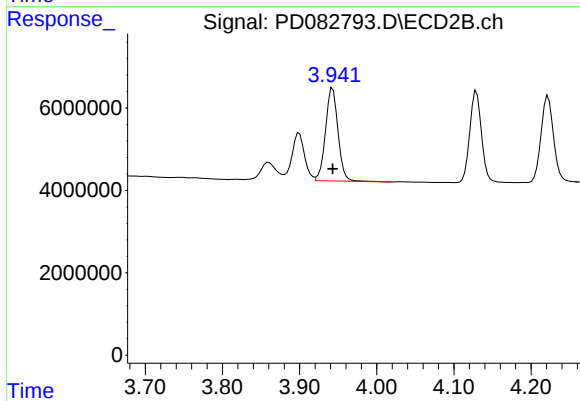
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.000 min
Response: 25504615
Conc: 4.32 ng/ml



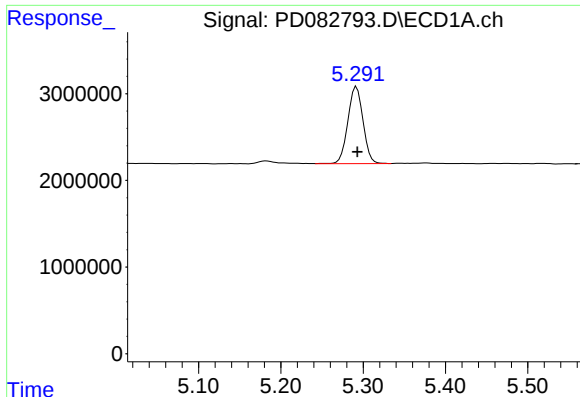
#4 Heptachlor

R.T.: 4.948 min
Delta R.T.: -0.001 min
Response: 12078919
Conc: 4.79 ng/ml



#4 Heptachlor

R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 25488839
Conc: 4.60 ng/ml



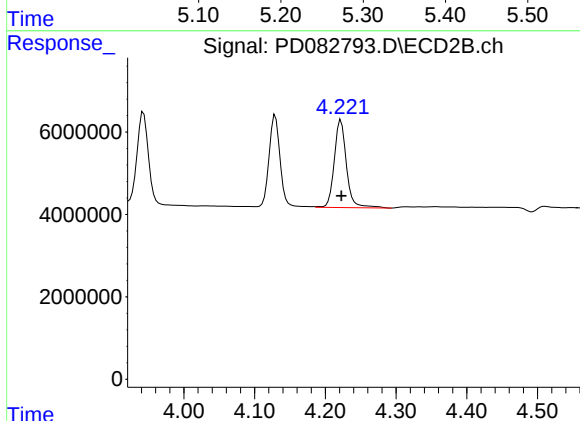
#5 Aldrin

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 11378818
Conc: 4.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2024

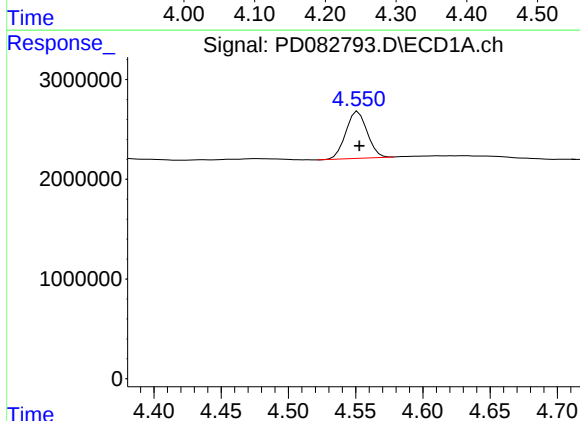
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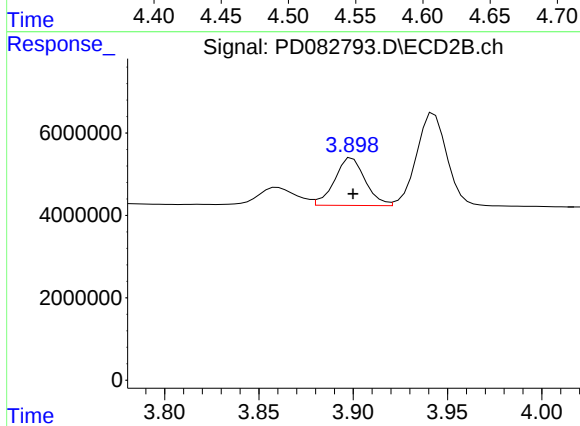
#5 Aldrin

R.T.: 4.222 min
Delta R.T.: 0.000 min
Response: 25499706
Conc: 4.47 ng/ml



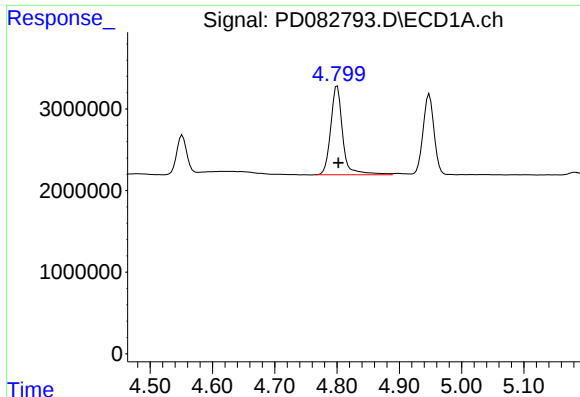
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 5176976
Conc: 4.94 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: 0.000 min
Response: 13067187
Conc: 5.47 ng/ml



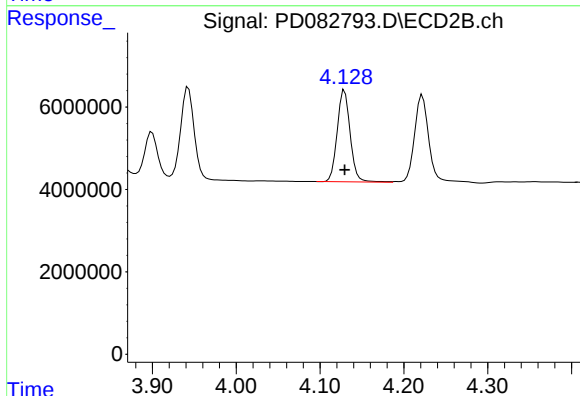
#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: -0.002 min
Response: 14661828
Conc: 5.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2024

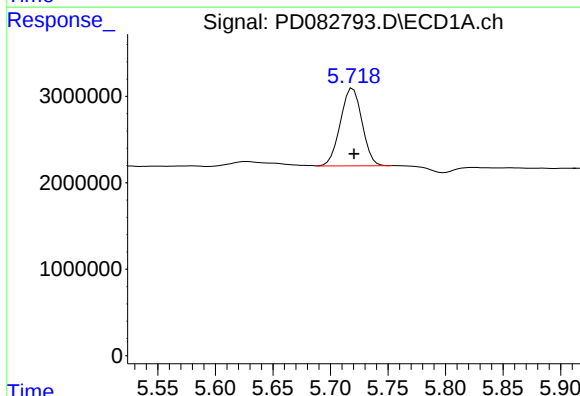
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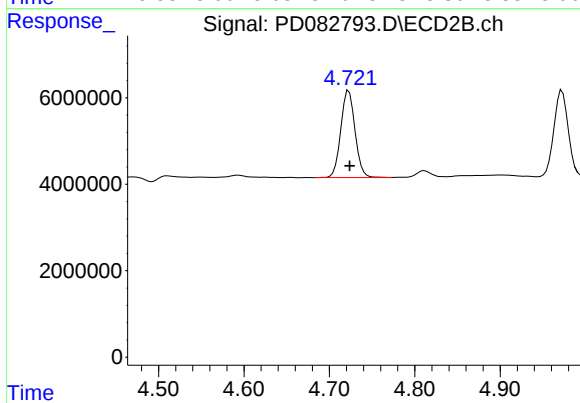
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 23927033
Conc: 4.13 ng/ml



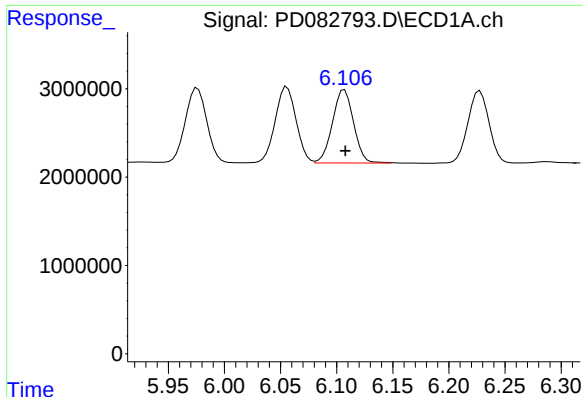
#8 Heptachlor epoxide

R.T.: 5.718 min
Delta R.T.: -0.003 min
Response: 11820128
Conc: 5.07 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.002 min
Response: 23391593
Conc: 4.64 ng/ml m



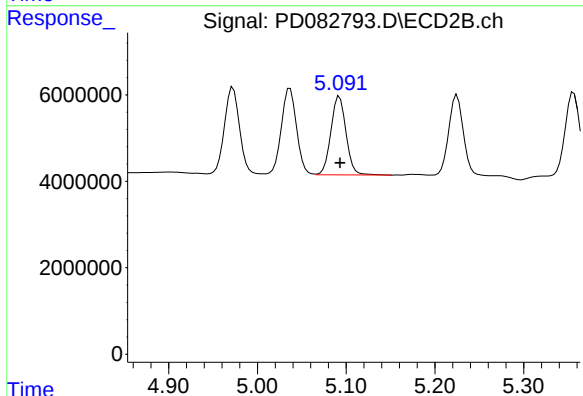
#9 Endosulfan I

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 10863812
Conc: 5.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2024

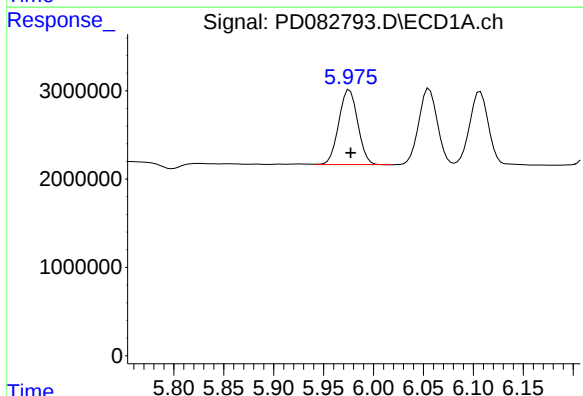
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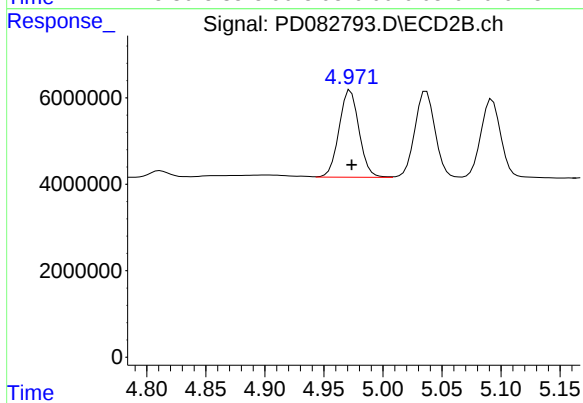
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 21537395
Conc: 4.67 ng/ml



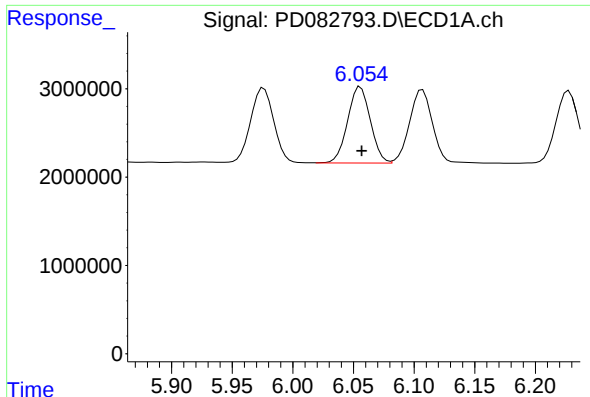
#10 gamma-Chlordane

R.T.: 5.975 min
Delta R.T.: -0.003 min
Response: 11222082
Conc: 4.95 ng/ml m



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 23726806
Conc: 4.75 ng/ml



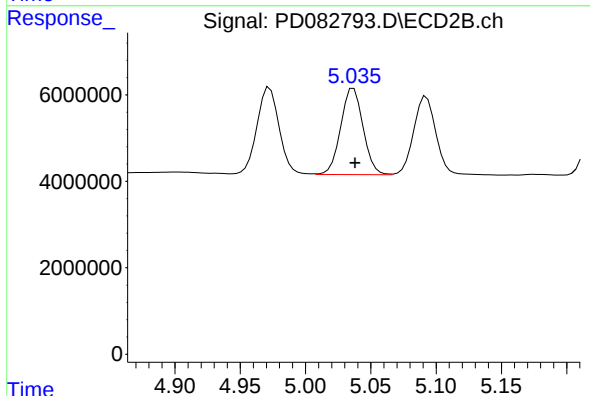
#11 alpha-Chlordane

R.T.: 6.054 min
Delta R.T.: -0.002 min
Response: 11300208
Conc: 5.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2024

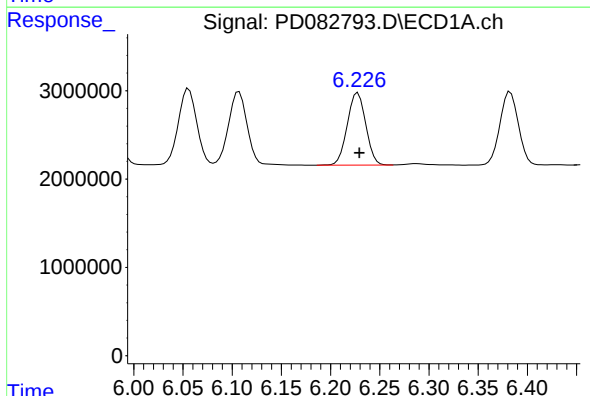
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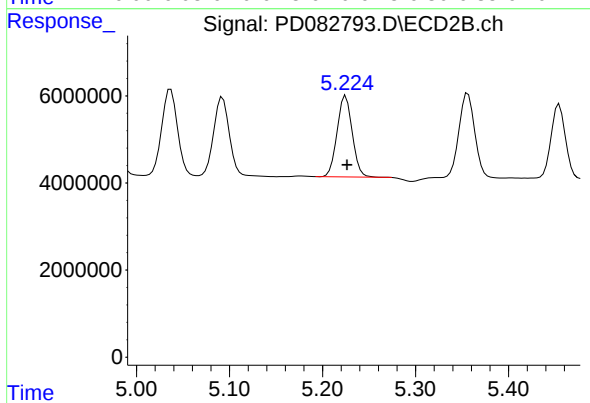
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: -0.001 min
Response: 23788982
Conc: 4.79 ng/ml



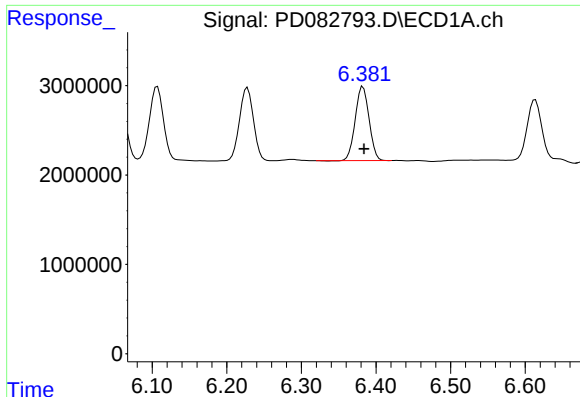
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: -0.001 min
Response: 10706481
Conc: 4.89 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: -0.001 min
Response: 21133861
Conc: 4.53 ng/ml



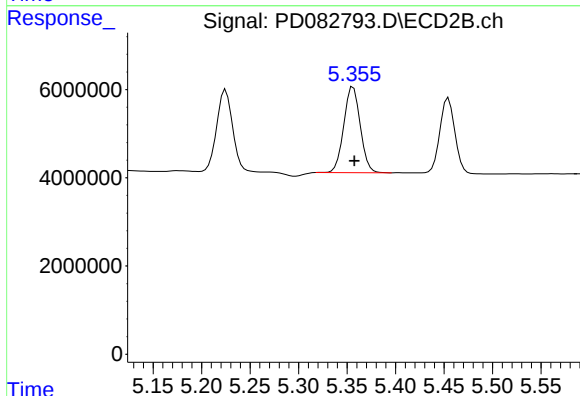
#13 Dieldrin

R.T.: 6.383 min
Delta R.T.: -0.001 min
Response: 10696223
Conc: 4.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2024

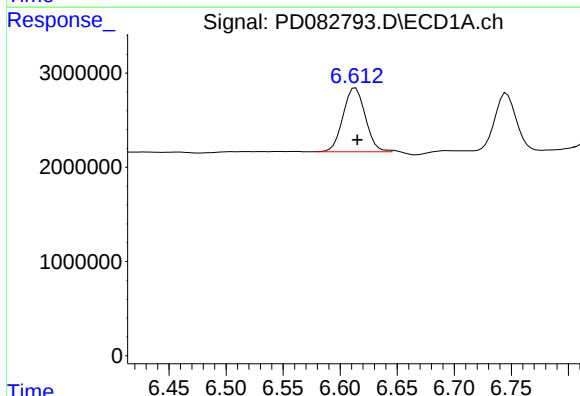
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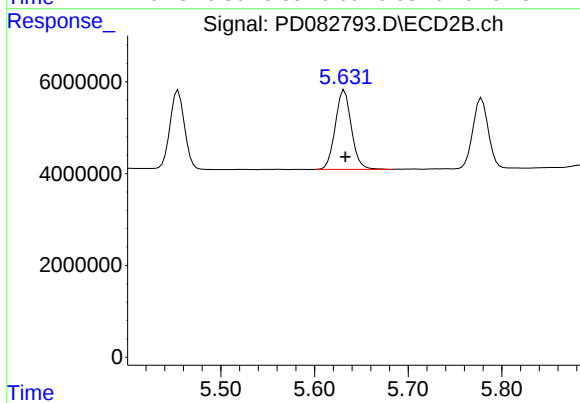
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.001 min
Response: 23041270
Conc: 4.58 ng/ml



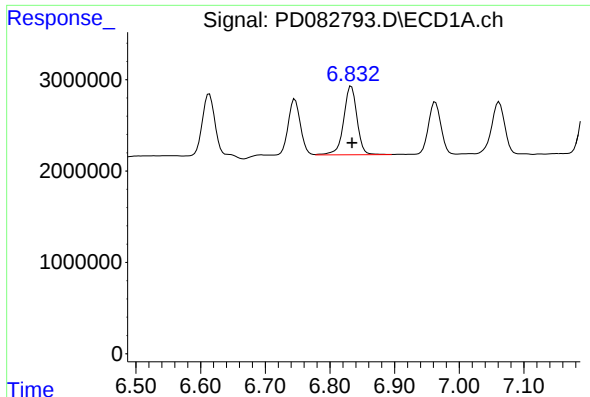
#14 Endrin

R.T.: 6.612 min
Delta R.T.: -0.003 min
Response: 9231023
Conc: 4.91 ng/ml m



#14 Endrin

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 20651938
Conc: 4.72 ng/ml



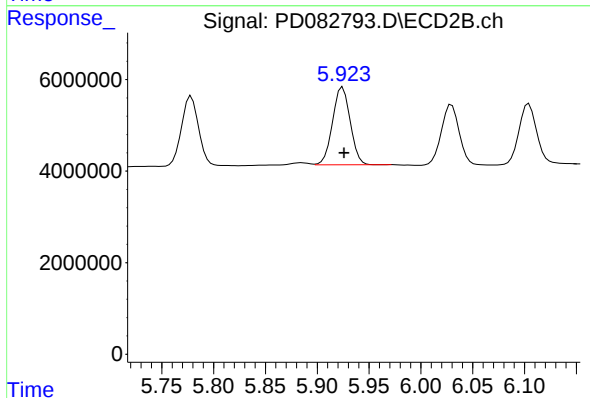
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: -0.001 min
Response: 10807847
Conc: 5.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2024

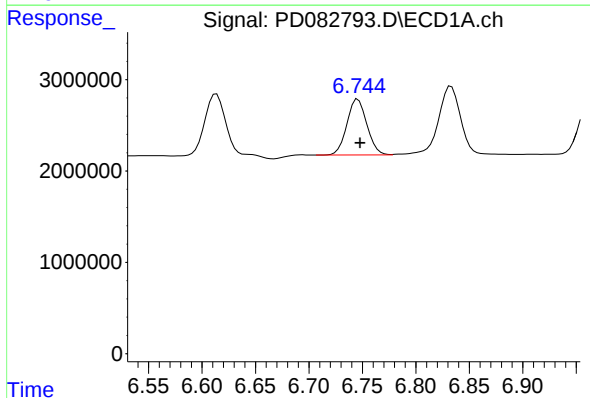
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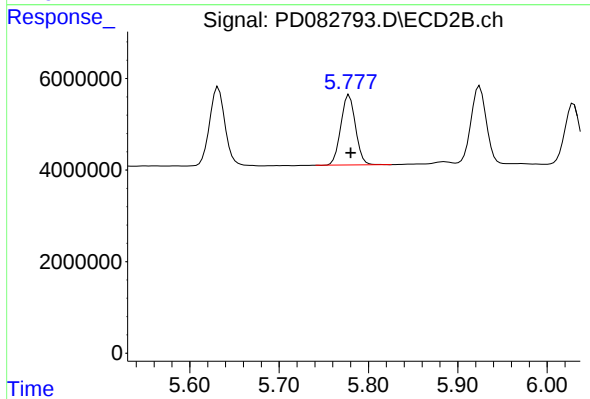
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: -0.001 min
Response: 20112945
Conc: 4.82 ng/ml



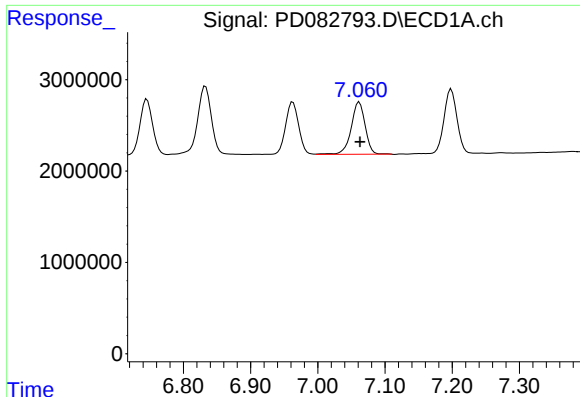
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: -0.002 min
Response: 7928570
Conc: 4.96 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 17508223
Conc: 4.65 ng/ml



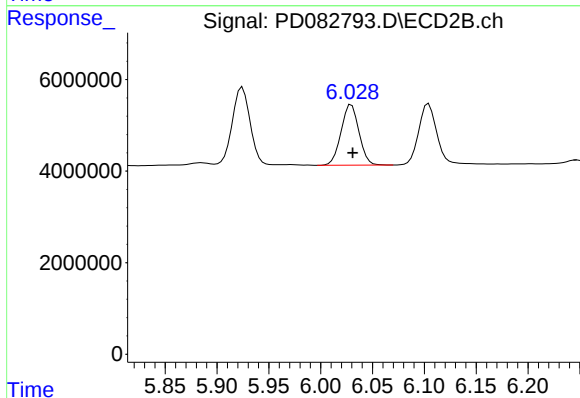
#17 4,4'-DDT

R.T.: 7.062 min
Delta R.T.: -0.001 min
Response: 8270857
Conc: 4.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2024

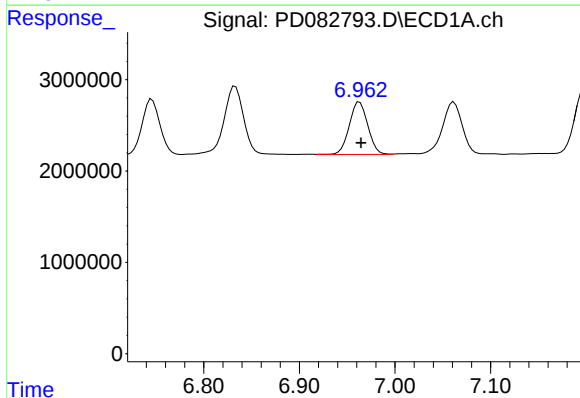
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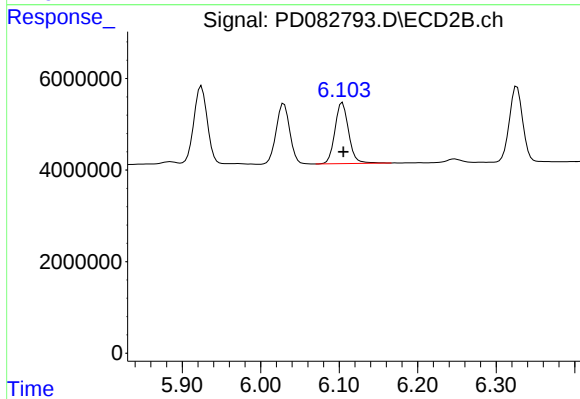
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.001 min
Response: 15911519
Conc: 4.15 ng/ml



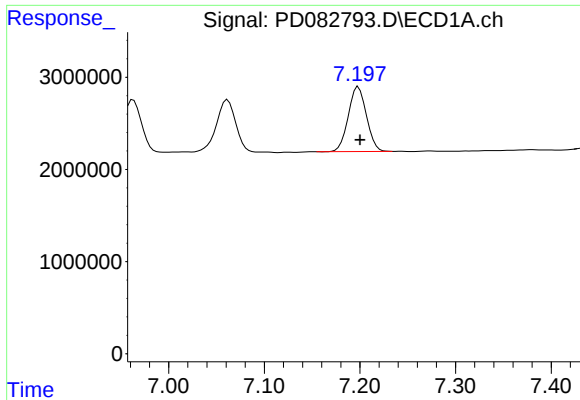
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: -0.002 min
Response: 7755952
Conc: 5.54 ng/ml



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.001 min
Response: 16203311
Conc: 5.19 ng/ml



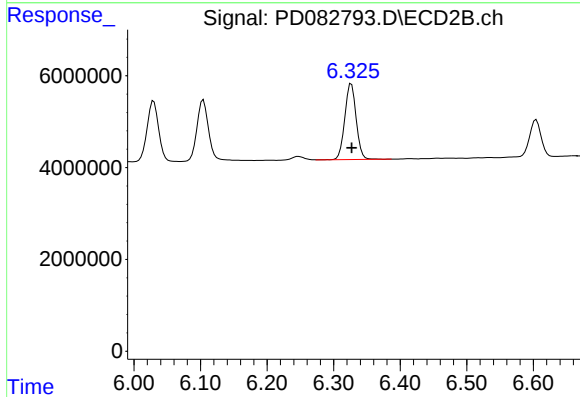
#19 Endosulfan Sulfate

R.T.: 7.199 min
Delta R.T.: -0.001 min
Response: 9325837
Conc: 5.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2024

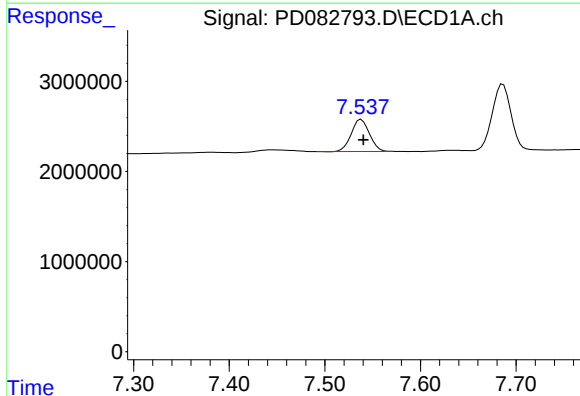
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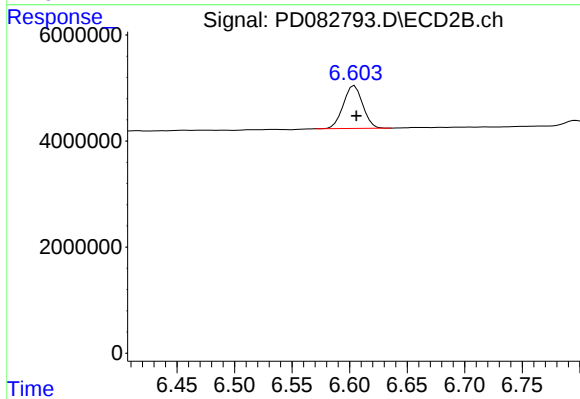
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 19644744
Conc: 4.93 ng/ml



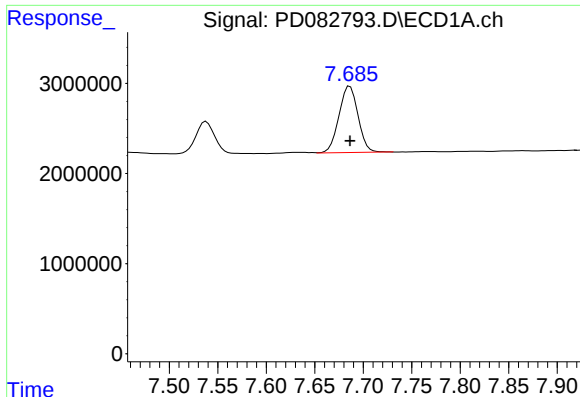
#20 Methoxychlor

R.T.: 7.538 min
Delta R.T.: -0.002 min
Response: 4704455
Conc: 5.13 ng/ml



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: -0.001 min
Response: 9534510
Conc: 4.69 ng/ml



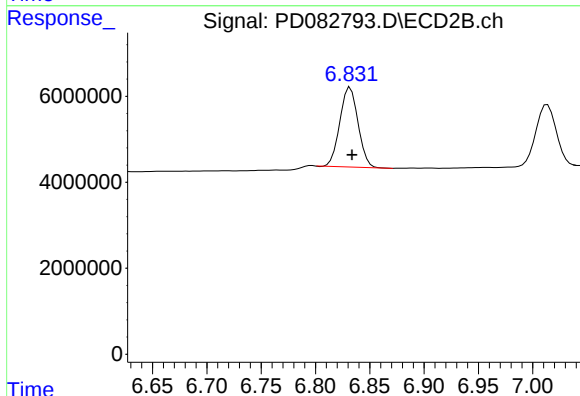
#21 Endrin ketone

R.T.: 7.686 min
Delta R.T.: 0.000 min
Response: 10065468
Conc: 5.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2024

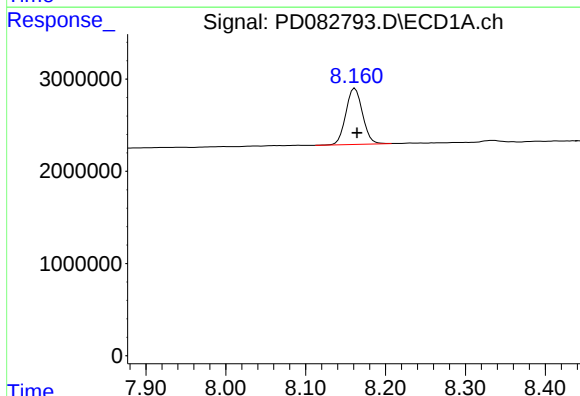
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2024
Supervised By :Ankita Jodhani 05/15/2024



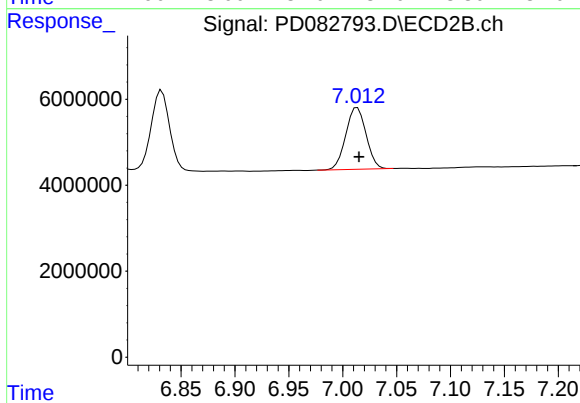
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.002 min
Response: 21639874
Conc: 4.76 ng/ml



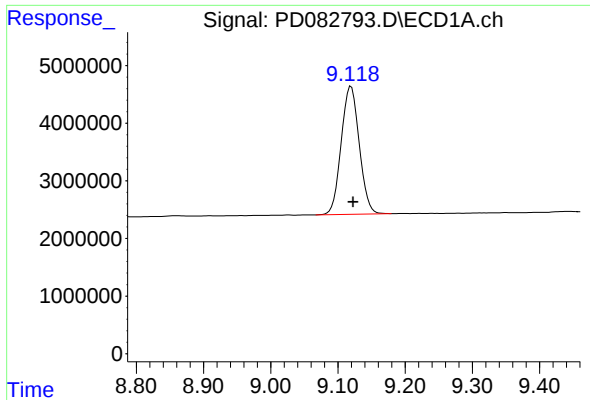
#22 Mirex

R.T.: 8.162 min
Delta R.T.: -0.003 min
Response: 8864845
Conc: 5.78 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: -0.001 min
Response: 18857403
Conc: 5.28 ng/ml



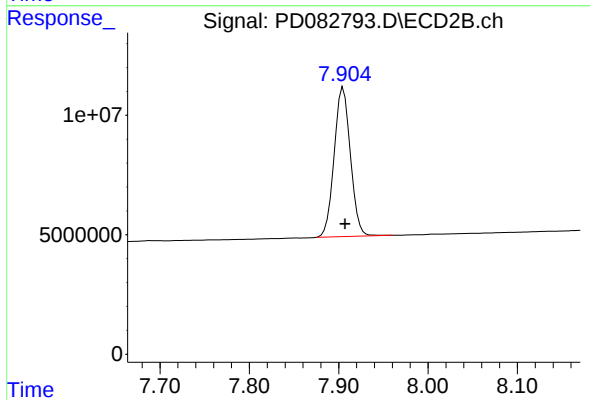
#28 Decachlorobiphenyl

R.T.: 9.120 min
Delta R.T.: -0.003 min
Response: 41303715
Conc: 20.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2024

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2024
Supervised By :Ankita Jodhani 05/15/2024



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: -0.002 min
Response: 79049558
Conc: 20.45 ng/ml