

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031523\
 Data File : PD074241.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Mar 2023 15:38
 Operator : AR\AJ
 Sample : 01627-07
 Misc : PEST LOD 2.5PPB WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-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 21:58:14 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...	3.551	2.772	46375426	23018364	19.881	18.914
28)	SA Decachlor...	9.098	7.926	54806010	25392537	20.491	20.696
Target Compounds							
2)	A alpha-BHC	4.007	3.275	9159461	3882845	2.360	2.089
3)	MA gamma-BHC...	4.340	3.605	8952145	4014736	2.552	2.343
4)	MA Heptachlor	4.933	3.947	9672094	4002954	2.823	2.347
5)	MB Aldrin	5.277	4.228	9542864	4025597	2.834	2.386
6)	B beta-BHC	4.535	3.901	4748114	2095618	3.213	2.775
7)	B delta-BHC	4.782	4.132	10896473	3858372	3.971m	2.267 #
8)	B Heptachlo...	5.702	4.730	9028229	3880995	3.210m	2.528
9)	A Endosulfan I	6.091	5.101	8259272	3642017	2.905	2.531
10)	B gamma-Chl...	5.960	4.981	8638239	3919481	2.878	2.524
11)	B alpha-Chl...	6.040	5.046	8855626	3988486	2.936	2.590
12)	B 4,4'-DDE	6.211	5.236	7407248	3268562	2.687	2.316
13)	MA Dieldrin	6.366	5.367	8485752	3766124	2.877	2.505
14)	MA Endrin	6.597	5.642	6718730	3409754	2.704	2.609
15)	B Endosulfa...	6.814	5.936	7892011	3550783	3.064m	2.822
16)	A 4,4'-DDD	6.730	5.790	6244785	2880791	2.784	2.468
17)	MA 4,4'-DDT	7.045	6.043	6913374	2893574	2.712	2.356
18)	B Endrin al...	6.947	6.116	6607013	3032261	3.305	2.986
19)	B Endosulfa...	7.181	6.339	7558907	3378913	3.062	2.768
20)	A Methoxychlor	7.521	6.619	4318686	1880190	3.087	2.779
21)	B Endrin ke...	7.668	6.846	9201095	4171576	3.305	2.828
22)	Mirex	8.145	7.030	7490773	3457691	3.528	3.044

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031523\
Data File : PD074241.D
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Acq On : 15 Mar 2023 15:38
Operator : AR\AJ
Sample : 01627-07
Misc : PEST LOD 2.5PPB WATER
ALS Vial : 16 Sample Multiplier: 1

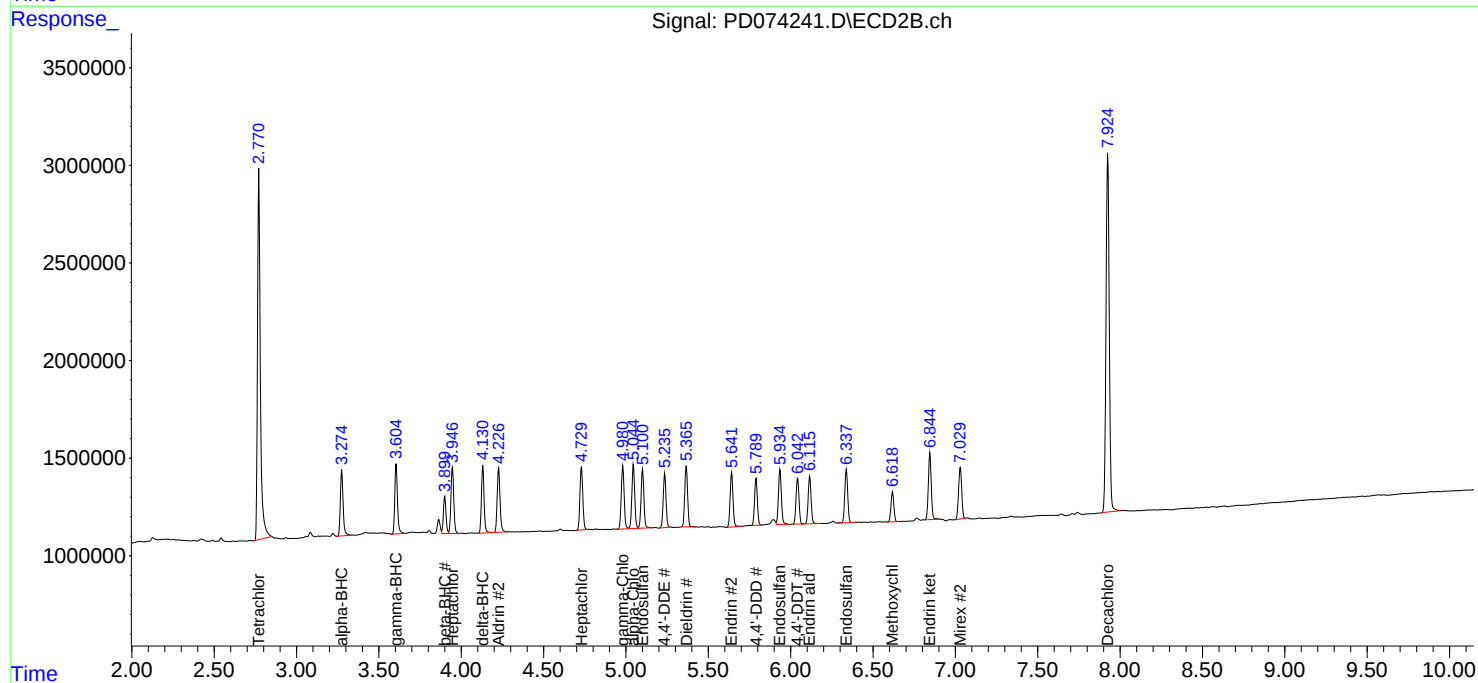
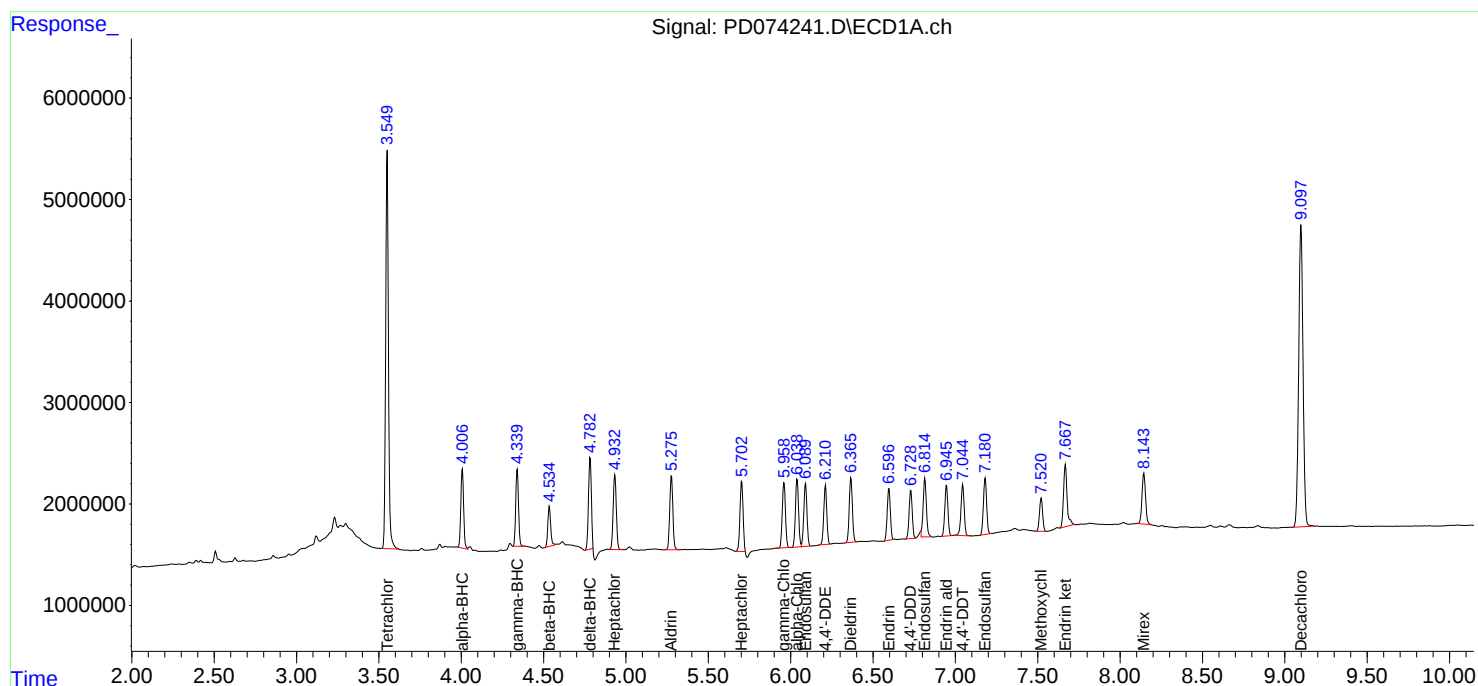
Instrument :
ECD_D
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LOD-MDL-WATER-01-QT1-2023

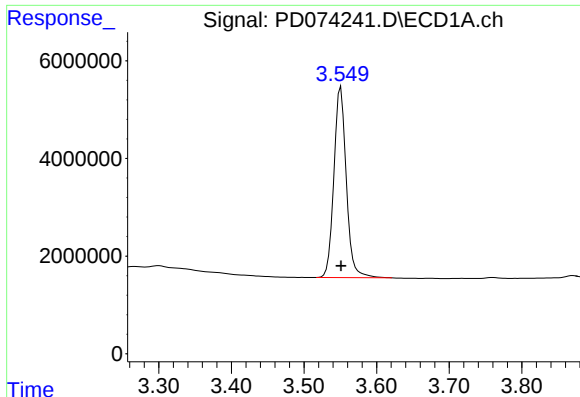
Manual Integrations
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Supervised By : Ankita Jodhani 03/16/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 15 21:58:14 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031423.M
Quant Title : GC Extractables
QLast Update : Wed Mar 15 12:23:31 2023
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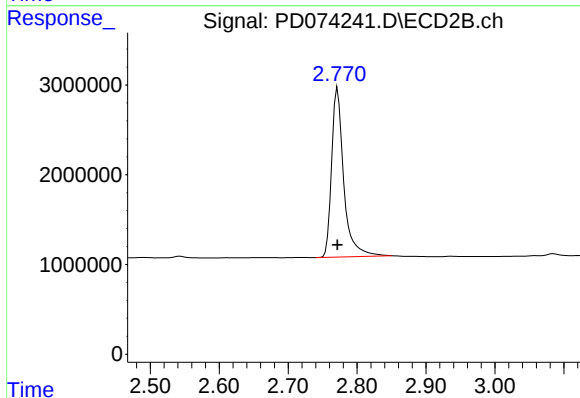
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 46375426
Conc: 19.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

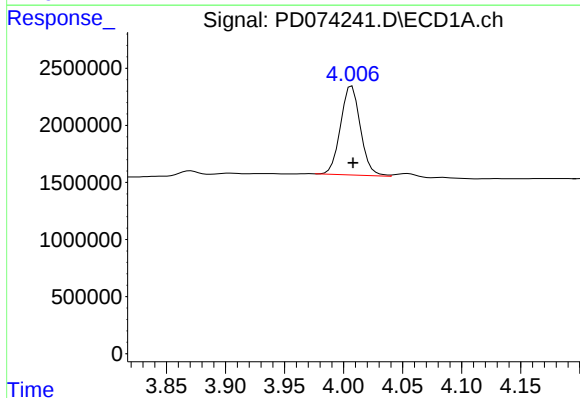
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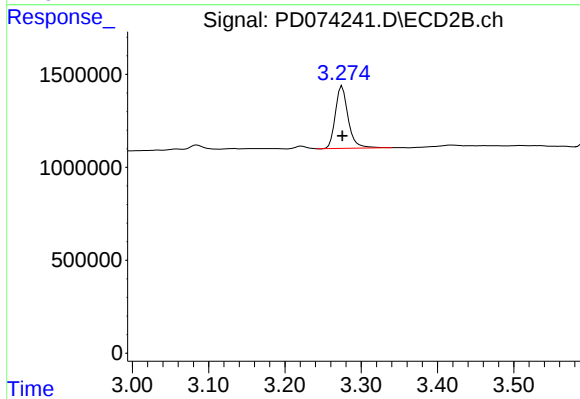
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.000 min
Response: 23018364
Conc: 18.91 ng/ml



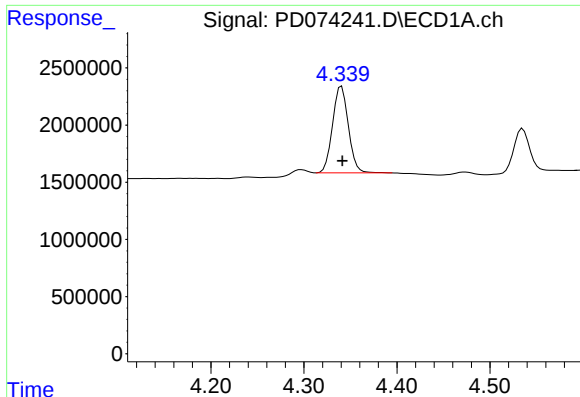
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 9159461
Conc: 2.36 ng/ml



#2 alpha-BHC

R.T.: 3.275 min
Delta R.T.: 0.000 min
Response: 3882845
Conc: 2.09 ng/ml



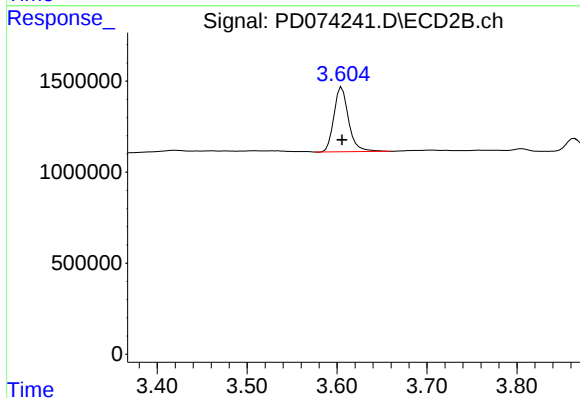
#3 gamma-BHC (Lindane)

R.T.: 4.340 min
Delta R.T.: 0.000 min
Response: 8952145
Conc: 2.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

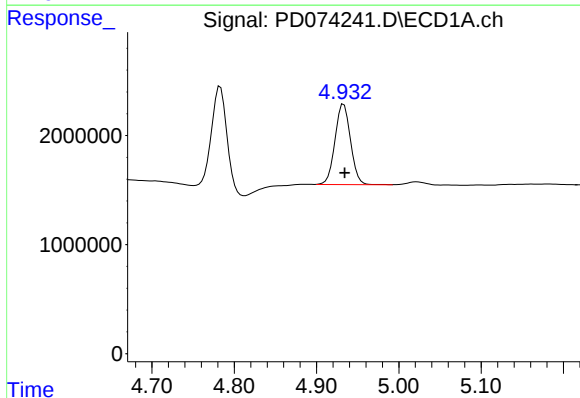
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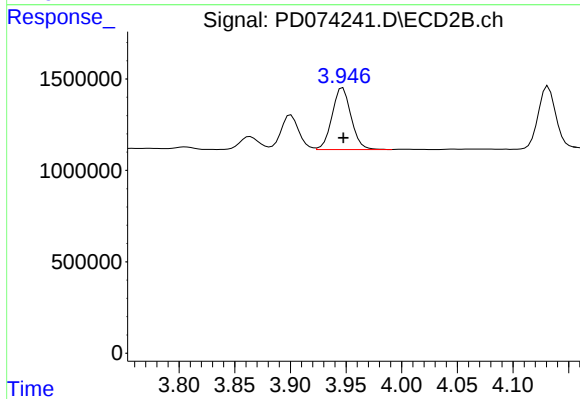
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: 0.000 min
Response: 4014736
Conc: 2.34 ng/ml



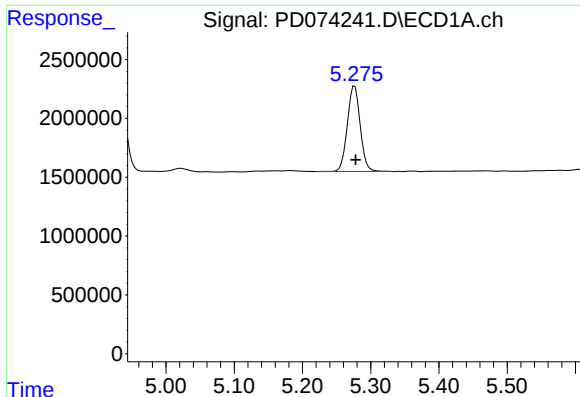
#4 Heptachlor

R.T.: 4.933 min
Delta R.T.: -0.001 min
Response: 9672094
Conc: 2.82 ng/ml



#4 Heptachlor

R.T.: 3.947 min
Delta R.T.: 0.000 min
Response: 4002954
Conc: 2.35 ng/ml



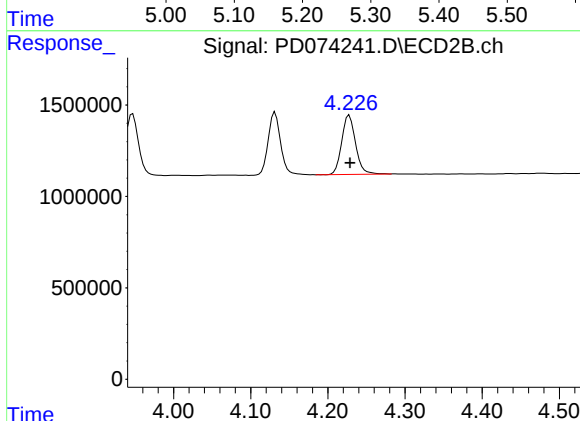
#5 Aldrin

R.T.: 5.277 min
Delta R.T.: -0.002 min
Response: 9542864
Conc: 2.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
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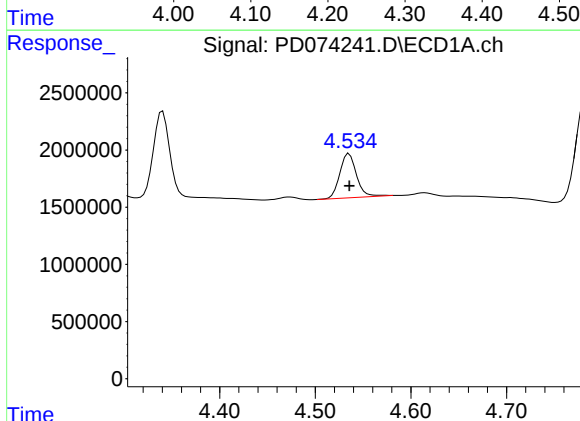
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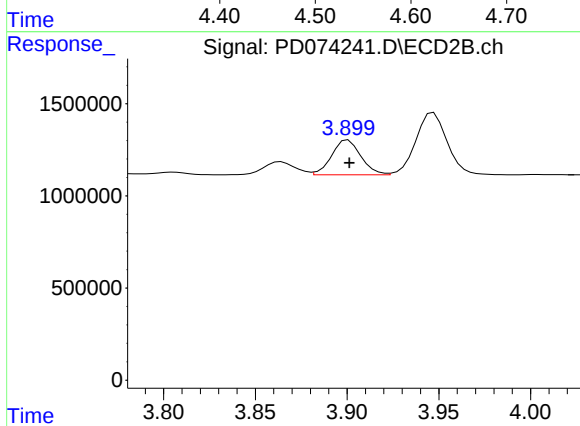
#5 Aldrin

R.T.: 4.228 min
Delta R.T.: 0.000 min
Response: 4025597
Conc: 2.39 ng/ml



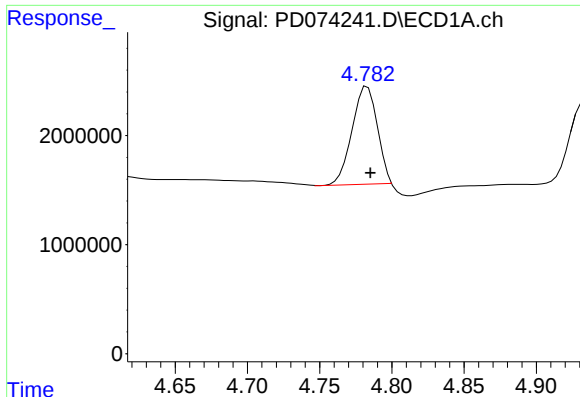
#6 beta-BHC

R.T.: 4.535 min
Delta R.T.: 0.000 min
Response: 4748114
Conc: 3.21 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: 0.000 min
Response: 2095618
Conc: 2.78 ng/ml



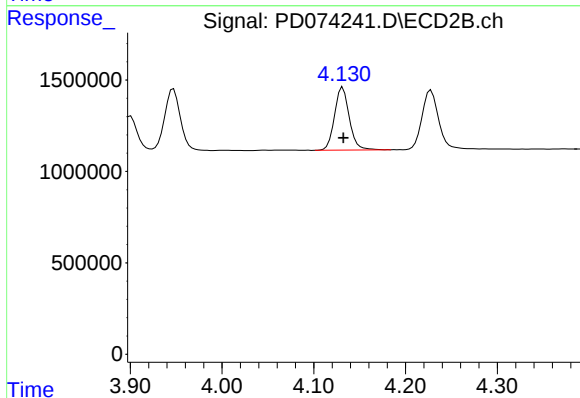
#7 delta-BHC

R.T.: 4.782 min
Delta R.T.: -0.004 min
Response: 10896473
Conc: 3.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

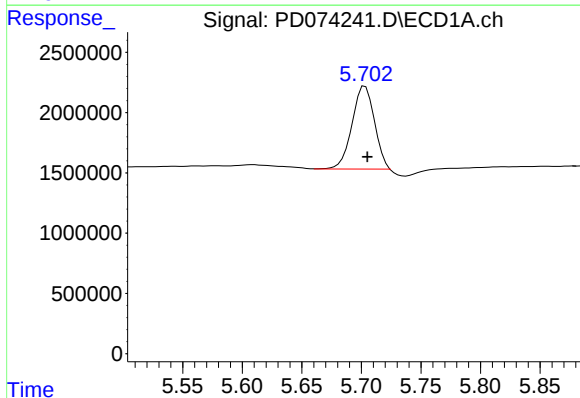
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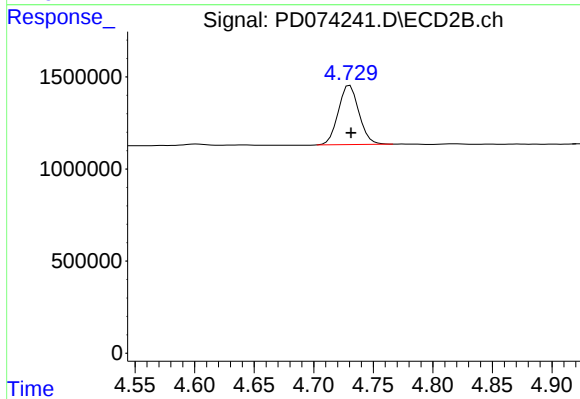
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: 0.000 min
Response: 3858372
Conc: 2.27 ng/ml



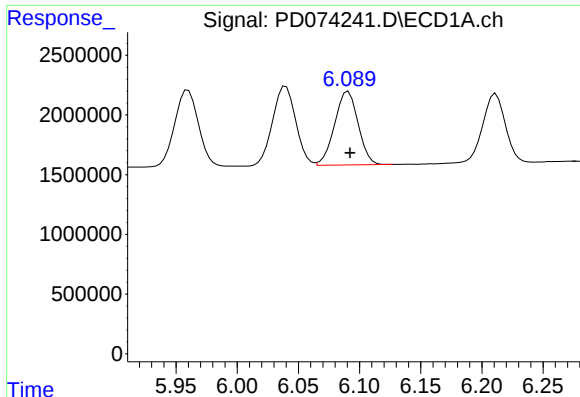
#8 Heptachlor epoxide

R.T.: 5.702 min
Delta R.T.: -0.003 min
Response: 9028229
Conc: 3.21 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.730 min
Delta R.T.: -0.001 min
Response: 3880995
Conc: 2.53 ng/ml



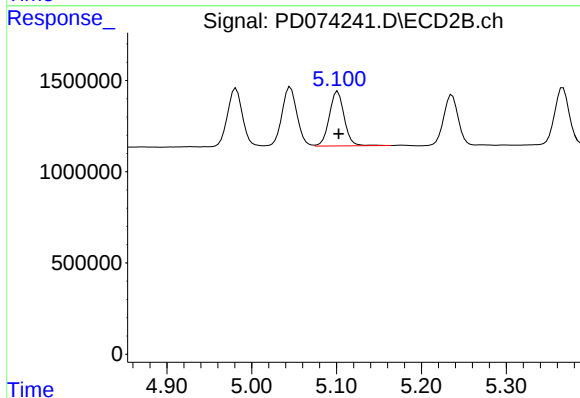
#9 Endosulfan I

R.T.: 6.091 min
Delta R.T.: -0.001 min
Response: 8259272
Conc: 2.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

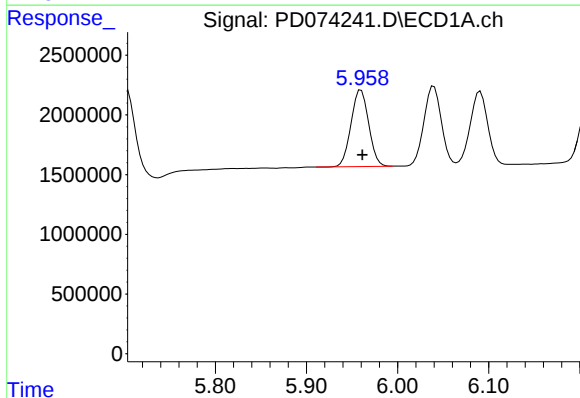
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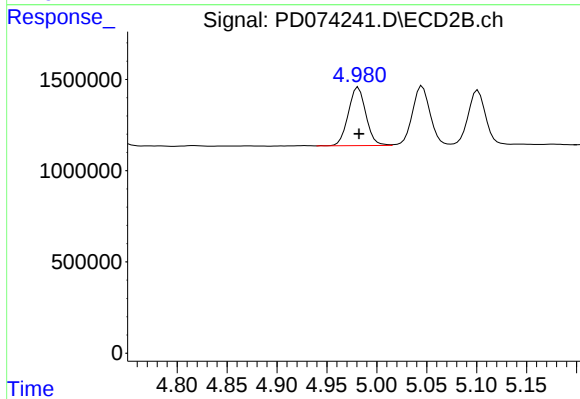
#9 Endosulfan I

R.T.: 5.101 min
Delta R.T.: -0.001 min
Response: 3642017
Conc: 2.53 ng/ml



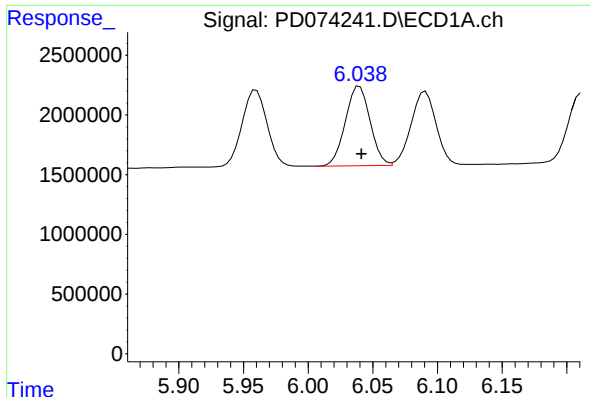
#10 gamma-Chlordane

R.T.: 5.960 min
Delta R.T.: -0.002 min
Response: 8638239
Conc: 2.88 ng/ml



#10 gamma-Chlordane

R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 3919481
Conc: 2.52 ng/ml



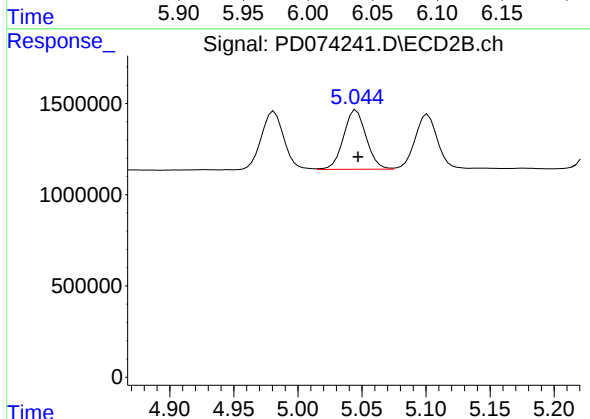
#11 alpha-Chlordane

R.T.: 6.040 min
Delta R.T.: -0.002 min
Response: 8855626
Conc: 2.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

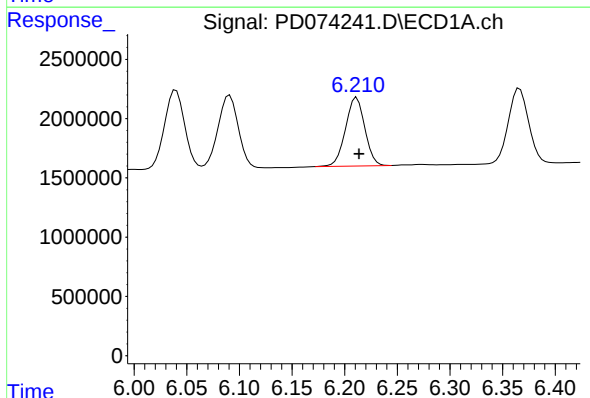
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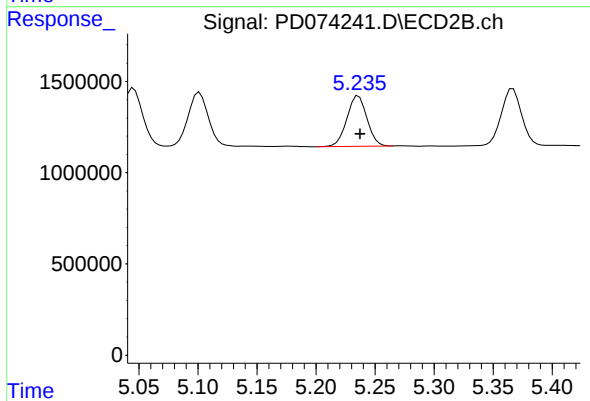
#11 alpha-Chlordane

R.T.: 5.046 min
Delta R.T.: -0.001 min
Response: 3988486
Conc: 2.59 ng/ml



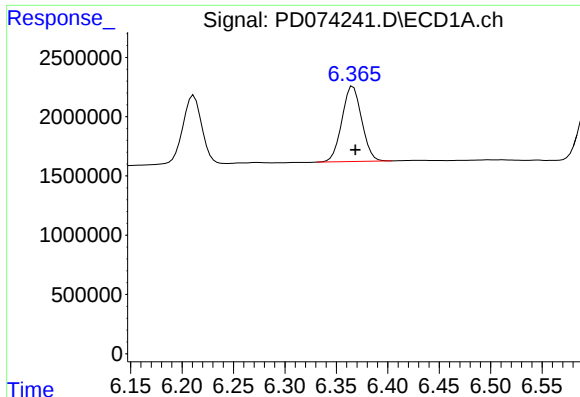
#12 4,4'-DDE

R.T.: 6.211 min
Delta R.T.: -0.002 min
Response: 7407248
Conc: 2.69 ng/ml



#12 4,4'-DDE

R.T.: 5.236 min
Delta R.T.: -0.001 min
Response: 3268562
Conc: 2.32 ng/ml



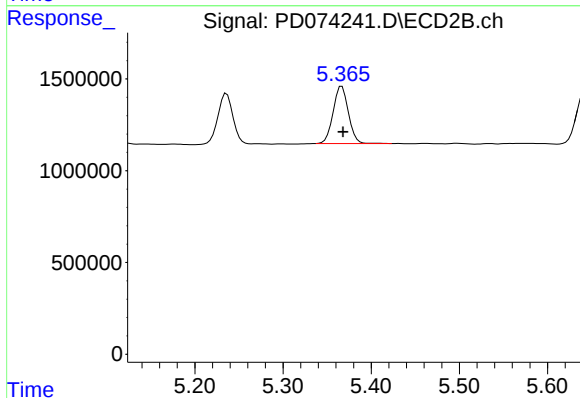
#13 Dieldrin

R.T.: 6.366 min
Delta R.T.: -0.002 min
Response: 8485752
Conc: 2.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

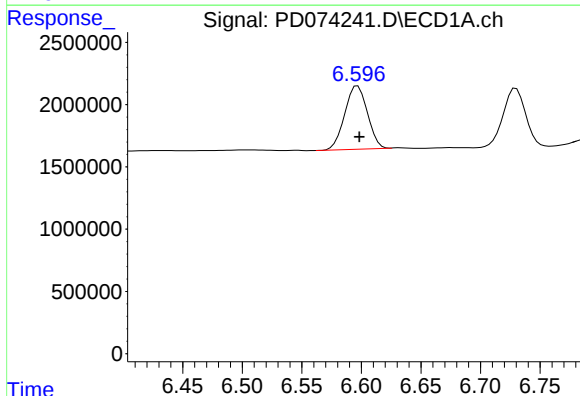
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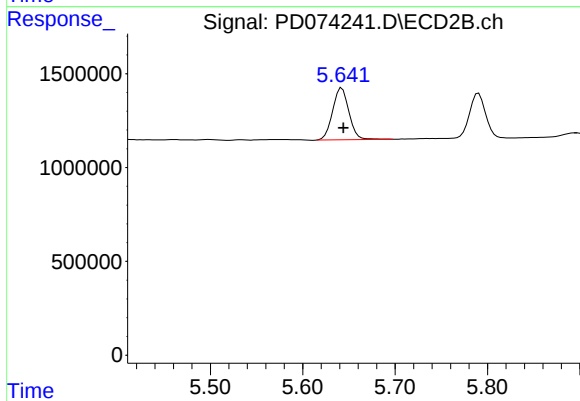
#13 Dieldrin

R.T.: 5.367 min
Delta R.T.: -0.001 min
Response: 3766124
Conc: 2.50 ng/ml



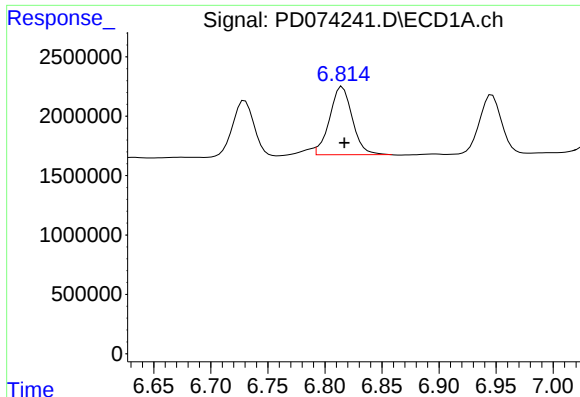
#14 Endrin

R.T.: 6.597 min
Delta R.T.: -0.002 min
Response: 6718730
Conc: 2.70 ng/ml



#14 Endrin

R.T.: 5.642 min
Delta R.T.: -0.002 min
Response: 3409754
Conc: 2.61 ng/ml



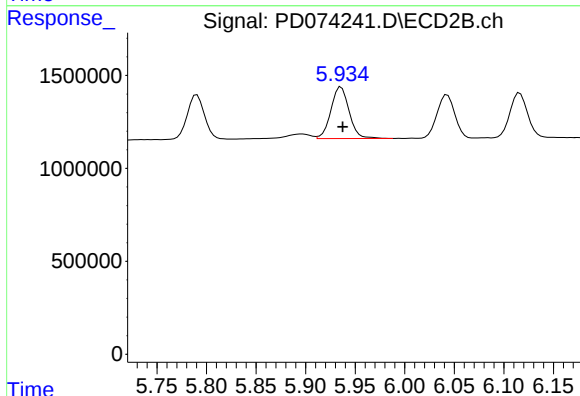
#15 Endosulfan II

R.T.: 6.814 min
Delta R.T.: -0.003 min
Response: 7892011
Conc: 3.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
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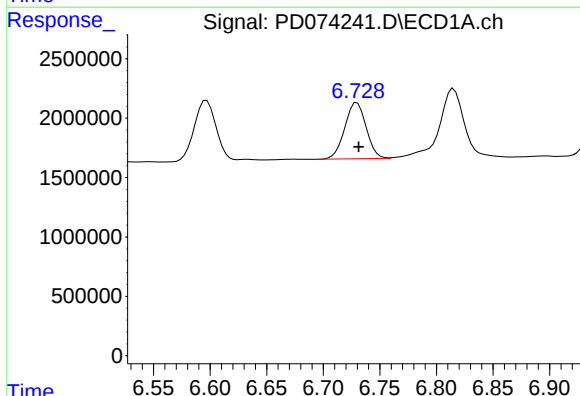
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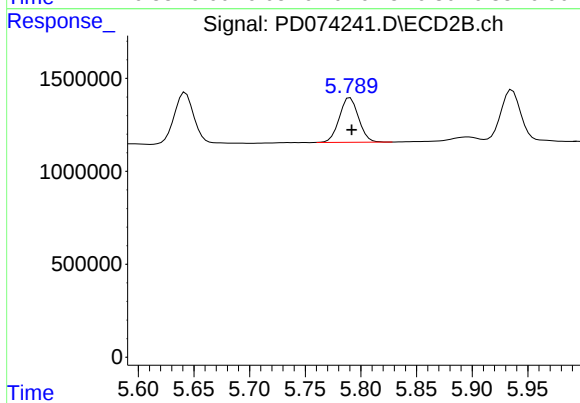
#15 Endosulfan II

R.T.: 5.936 min
Delta R.T.: -0.002 min
Response: 3550783
Conc: 2.82 ng/ml



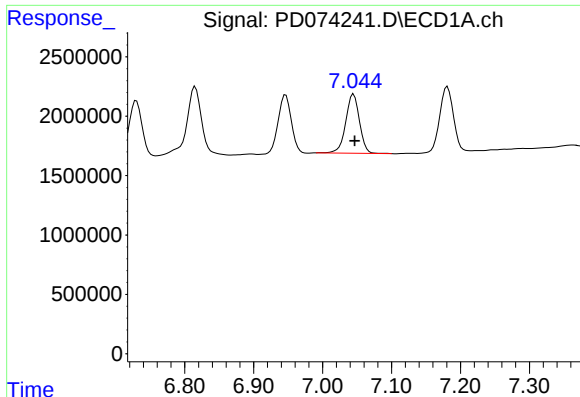
#16 4,4'-DDD

R.T.: 6.730 min
Delta R.T.: -0.002 min
Response: 6244785
Conc: 2.78 ng/ml



#16 4,4'-DDD

R.T.: 5.790 min
Delta R.T.: -0.001 min
Response: 2880791
Conc: 2.47 ng/ml



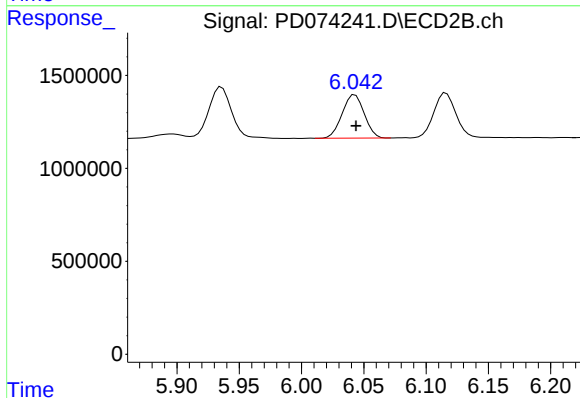
#17 4,4'-DDT

R.T.: 7.045 min
Delta R.T.: -0.002 min
Response: 6913374
Conc: 2.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

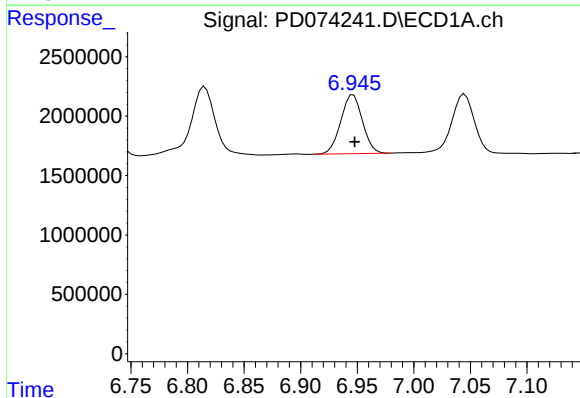
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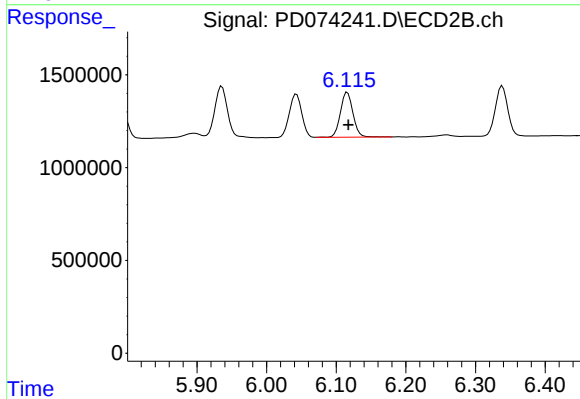
#17 4,4'-DDT

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 2893574
Conc: 2.36 ng/ml



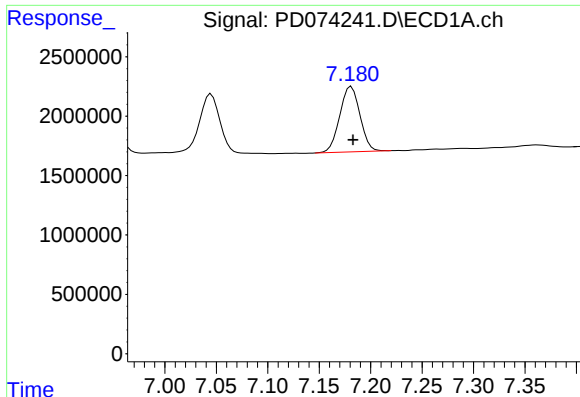
#18 Endrin aldehyde

R.T.: 6.947 min
Delta R.T.: -0.001 min
Response: 6607013
Conc: 3.31 ng/ml



#18 Endrin aldehyde

R.T.: 6.116 min
Delta R.T.: -0.001 min
Response: 3032261
Conc: 2.99 ng/ml



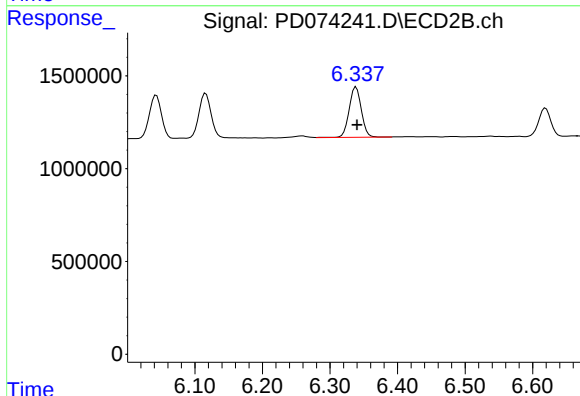
#19 Endosulfan Sulfate

R.T.: 7.181 min
Delta R.T.: -0.002 min
Response: 7558907
Conc: 3.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
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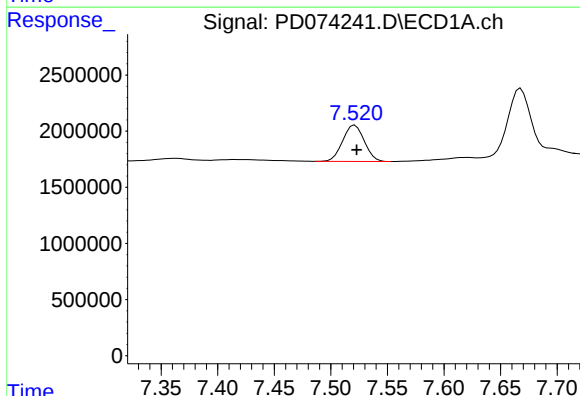
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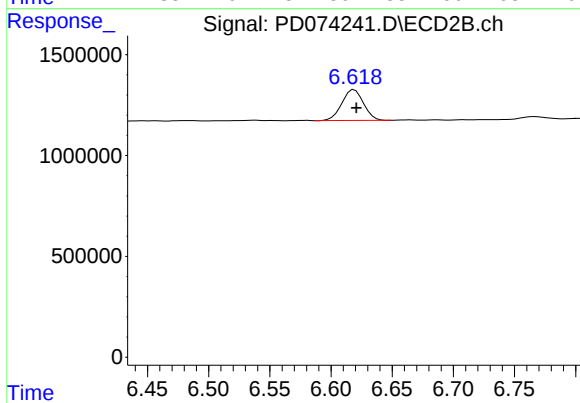
#19 Endosulfan Sulfate

R.T.: 6.339 min
Delta R.T.: -0.001 min
Response: 3378913
Conc: 2.77 ng/ml



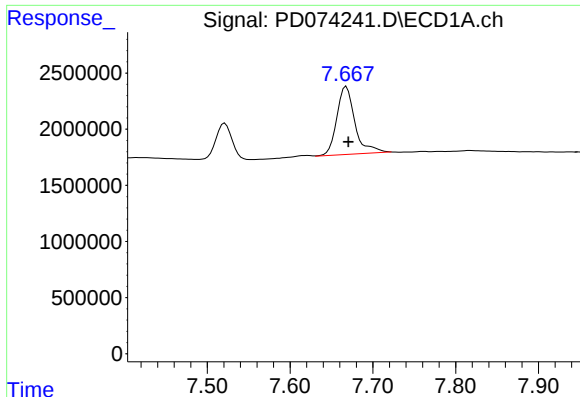
#20 Methoxychlor

R.T.: 7.521 min
Delta R.T.: -0.002 min
Response: 4318686
Conc: 3.09 ng/ml



#20 Methoxychlor

R.T.: 6.619 min
Delta R.T.: -0.002 min
Response: 1880190
Conc: 2.78 ng/ml



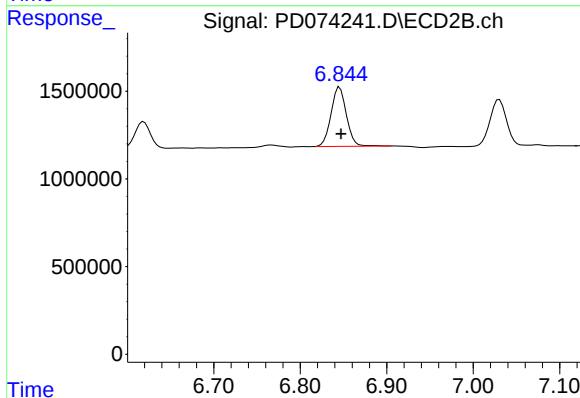
#21 Endrin ketone

R.T.: 7.668 min
Delta R.T.: -0.002 min
Response: 9201095
Conc: 3.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

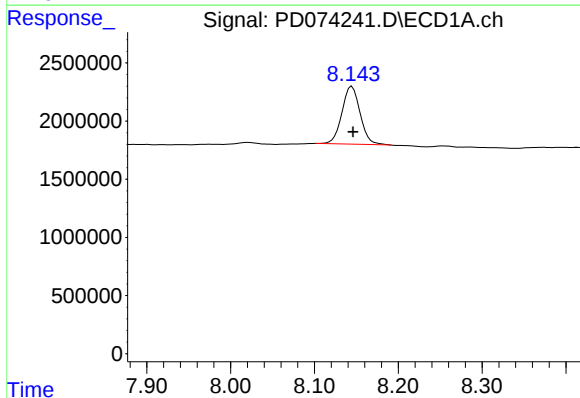
Manual Integrations
APPROVED

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



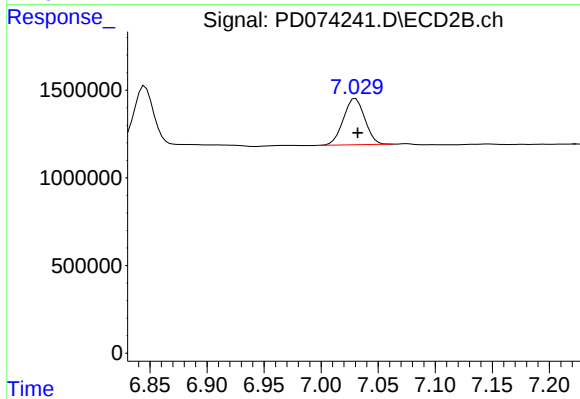
#21 Endrin ketone

R.T.: 6.846 min
Delta R.T.: -0.002 min
Response: 4171576
Conc: 2.83 ng/ml



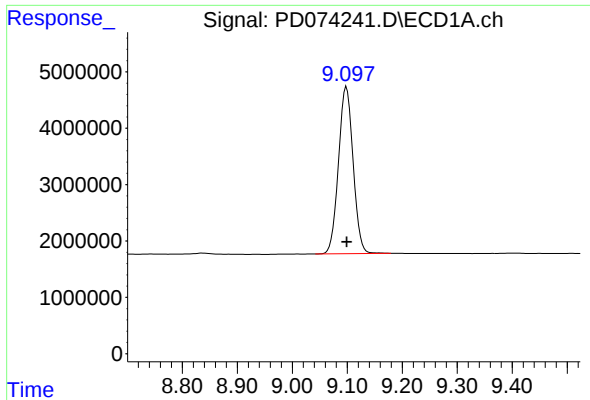
#22 Mirex

R.T.: 8.145 min
Delta R.T.: -0.002 min
Response: 7490773
Conc: 3.53 ng/ml



#22 Mirex

R.T.: 7.030 min
Delta R.T.: -0.002 min
Response: 3457691
Conc: 3.04 ng/ml



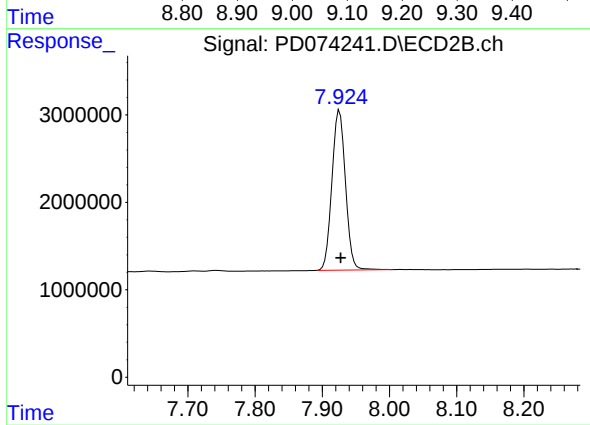
#28 Decachlorobiphenyl

R.T.: 9.098 min
Delta R.T.: 0.000 min
Response: 54806010
Conc: 20.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.926 min
Delta R.T.: -0.002 min
Response: 25392537
Conc: 20.70 ng/ml