

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031523\
 Data File : PD074239.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Mar 2023 15:11
 Operator : AR\AJ
 Sample : 01627-07
 Misc : PEST LOD 1PPB WATER
 ALS Vial : 14 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 21:56:54 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...	3.556	2.769	44952138	22287014	19.271	18.313
28)	SA Decachlor...	9.105	7.928	55317192	25489296	20.683	20.775
Target Compounds							
2)	A alpha-BHC	4.012	3.273	3476747	1620087	0.896	0.872
3)	MA gamma-BHC...	4.346	3.604	3078877	1847268	0.878	1.078
4)	MA Heptachlor	4.939	3.946	4151272	1656933	1.212	0.971
5)	MB Aldrin	5.283	4.227	3919733	1791656	1.164	1.062
6)	B beta-BHC	4.541	3.901	1693300	993557	1.146	1.316
7)	B delta-BHC	4.787	4.131	5605122	1600229	2.043m	0.940 #
8)	B Heptachlo...	5.708	4.730	4821670	1574088	1.714m	1.025 #
9)	A Endosulfan I	6.097	5.101	3603900	1413036	1.268	0.982
10)	B gamma-Chl...	5.966	4.982	3717408	1627203	1.239	1.048
11)	B alpha-Chl...	6.046	5.046	3738314	1645897	1.240	1.069
12)	B 4,4'-DDE	6.218	5.236	3141598	1313684	1.139	0.931
13)	MA Dieldrin	6.372	5.367	3590449	1476240	1.217	0.982
14)	MA Endrin	6.603	5.643	2806320	1425703	1.129	1.091
15)	B Endosulfa...	6.820	5.937	3547987	1272797	1.377m	1.012 #
16)	A 4,4'-DDD	6.734	5.792	4525441	1339925	2.017m	1.148 #
17)	MA 4,4'-DDT	7.052	6.044	2753628	1181999	1.080	0.963
18)	B Endrin al...	6.952	6.117	2620815	1268894	1.311	1.249
19)	B Endosulfa...	7.187	6.340	3231778	1430841	1.309	1.172
20)	A Methoxychlor	7.527	6.620	1859547	765440	1.329	1.131
21)	B Endrin ke...	7.675	6.847	6659460	1707818	2.392	1.158 #
22)	Mirex	8.150	7.031	3212222	1711594	1.513	1.507

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031523\
 Data File : PD074239.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Mar 2023 15:11
 Operator : AR\AJ
 Sample : 01627-07
 Misc : PEST LOD 1PPB WATER
 ALS Vial : 14 Sample Multiplier: 1

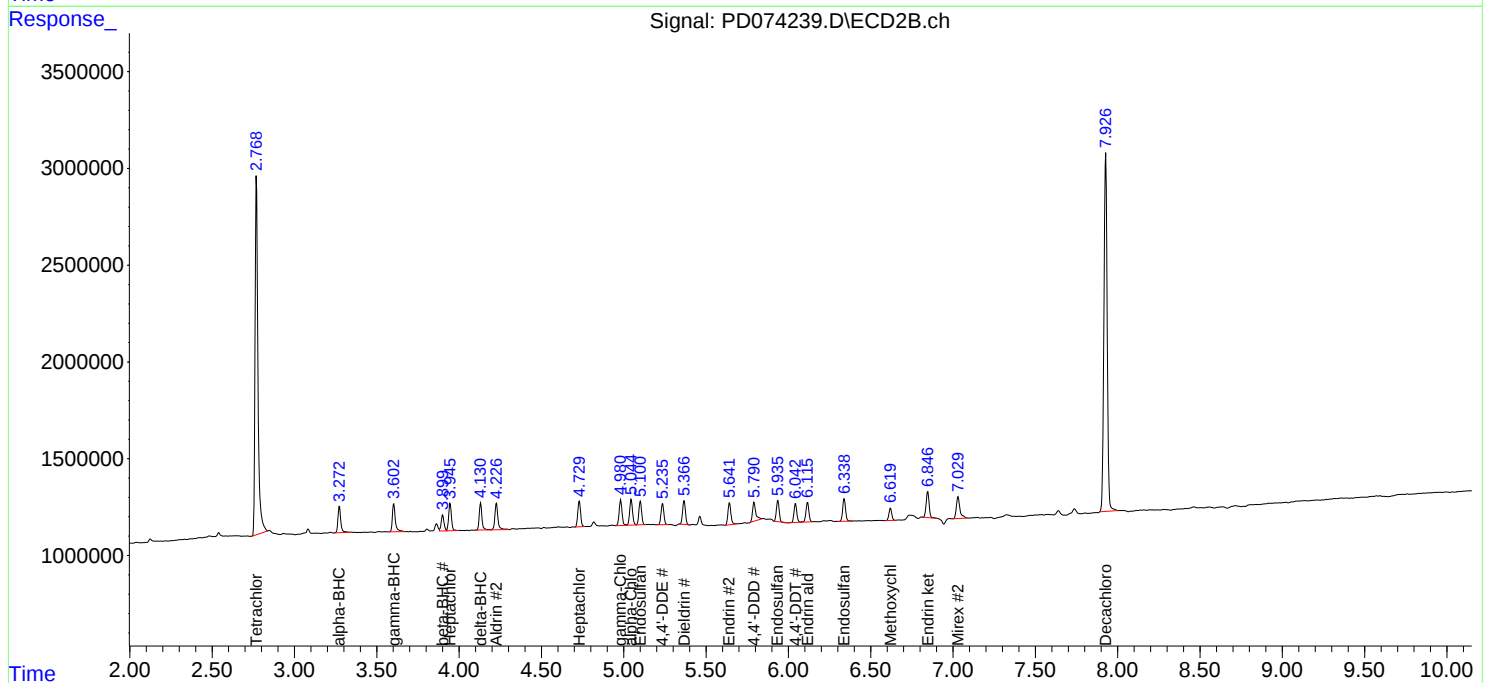
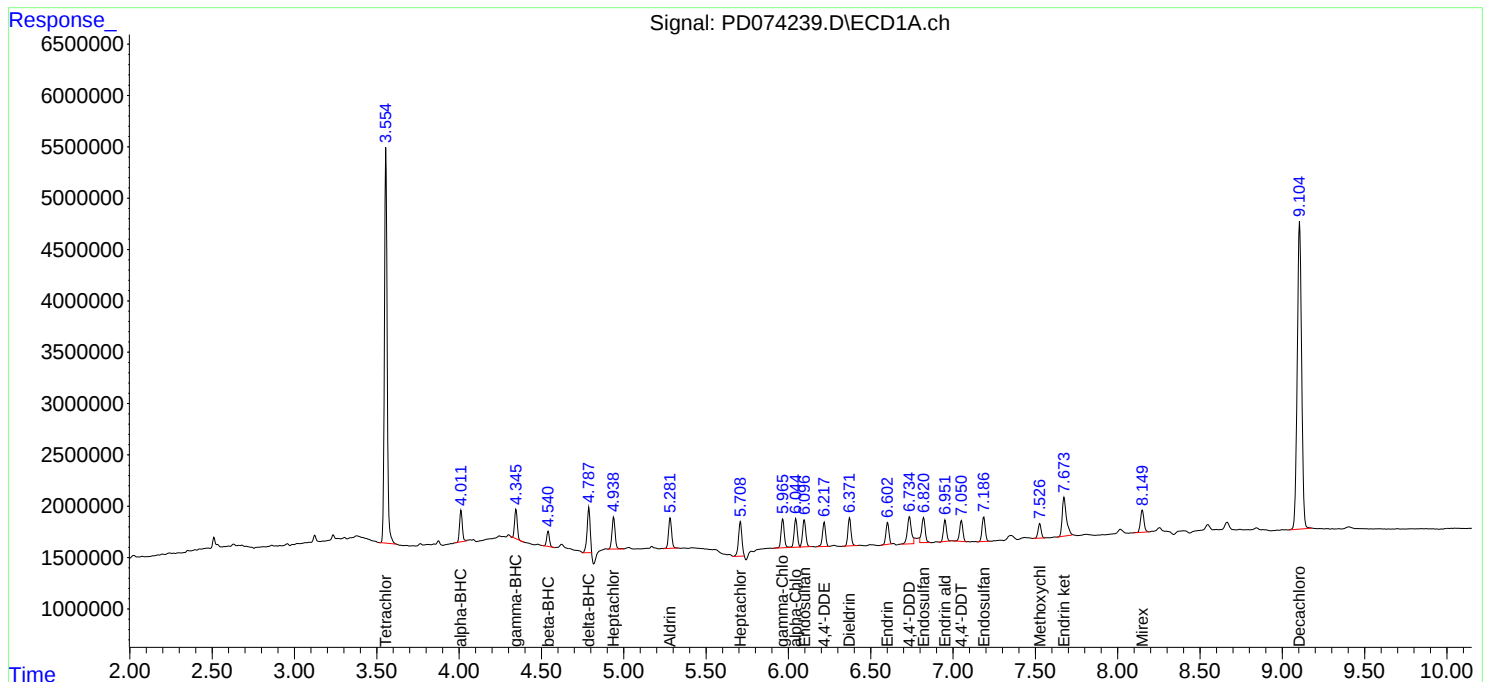
Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

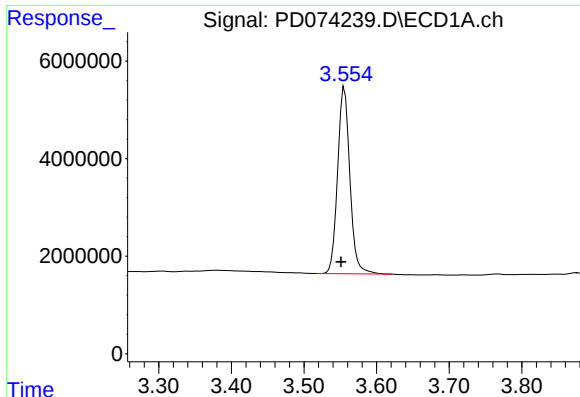
Manual Integrations
 APPROVED

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 21:56:54 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





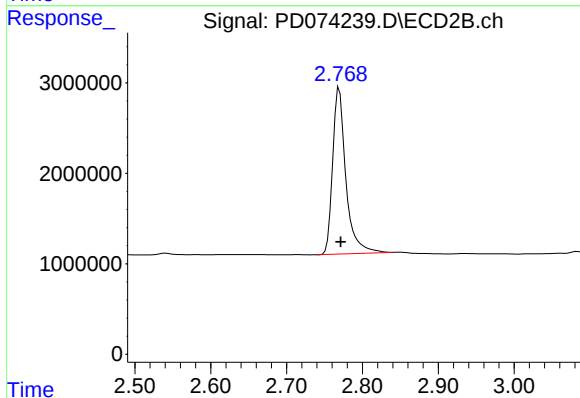
#1 Tetrachloro-m-xylene

R.T.: 3.556 min
Delta R.T.: 0.005 min
Response: 44952138
Conc: 19.27 ng/ml

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

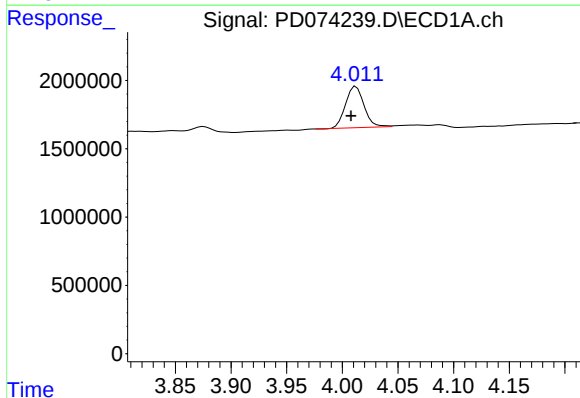
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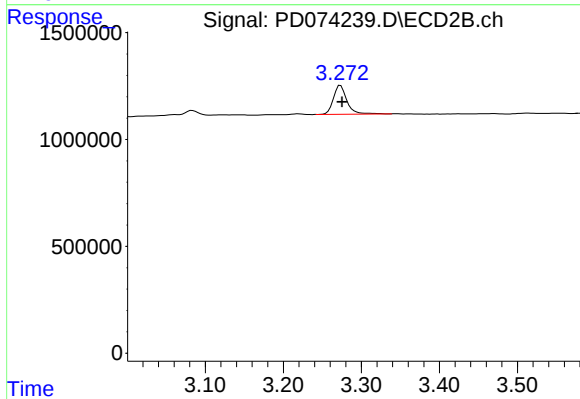
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.002 min
Response: 22287014
Conc: 18.31 ng/ml



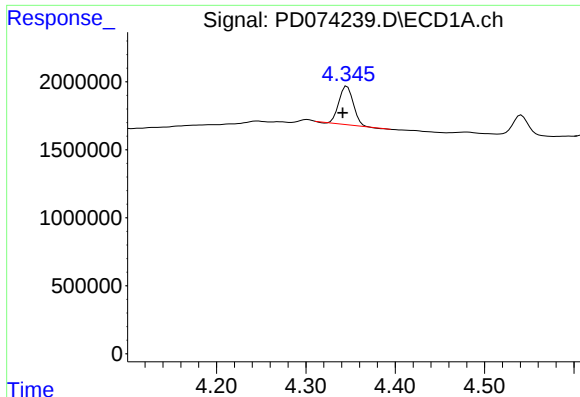
#2 alpha-BHC

R.T.: 4.012 min
Delta R.T.: 0.004 min
Response: 3476747
Conc: 0.90 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: -0.002 min
Response: 1620087
Conc: 0.87 ng/ml



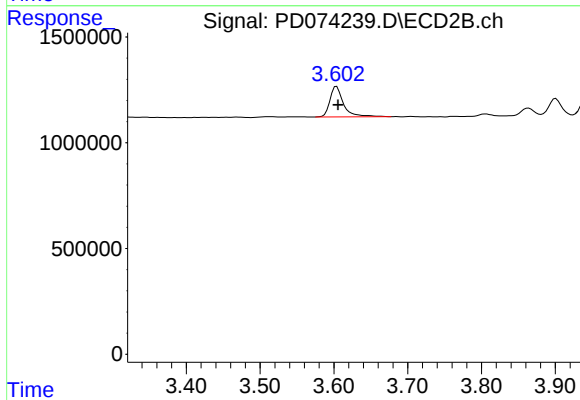
#3 gamma-BHC (Lindane)

R.T.: 4.346 min
Delta R.T.: 0.005 min
Response: 3078877
Conc: 0.88 ng/ml

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

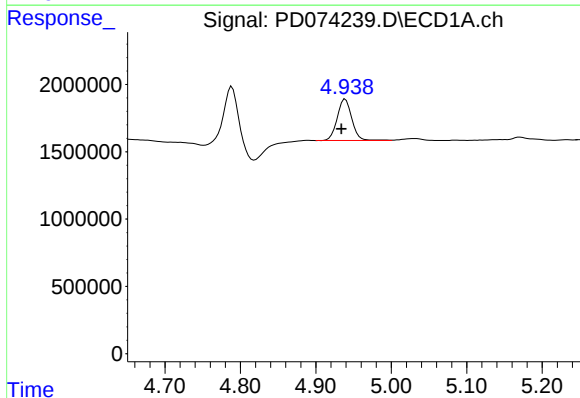
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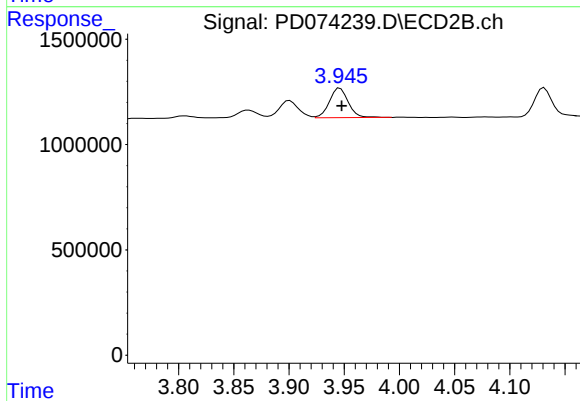
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: -0.002 min
Response: 1847268
Conc: 1.08 ng/ml



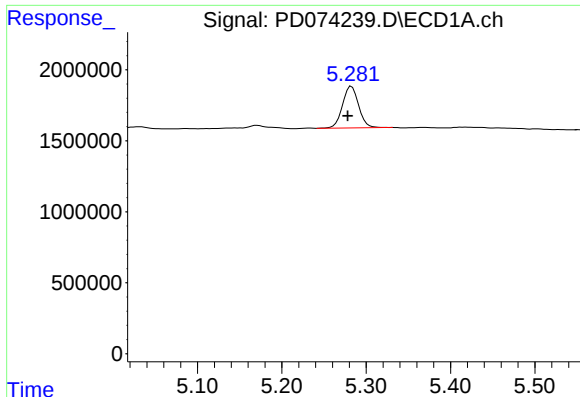
#4 Heptachlor

R.T.: 4.939 min
Delta R.T.: 0.005 min
Response: 4151272
Conc: 1.21 ng/ml



#4 Heptachlor

R.T.: 3.946 min
Delta R.T.: -0.002 min
Response: 1656933
Conc: 0.97 ng/ml



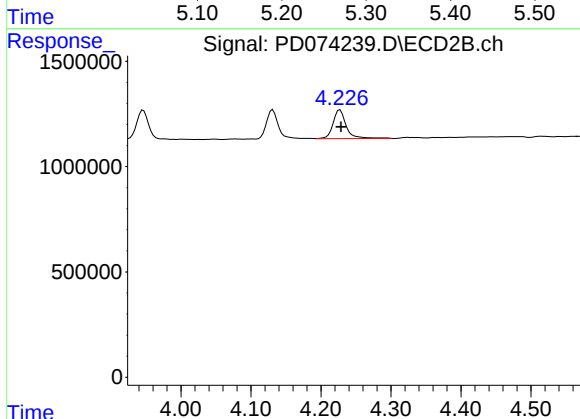
#5 Aldrin

R.T.: 5.283 min
Delta R.T.: 0.004 min
Response: 3919733
Conc: 1.16 ng/ml

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

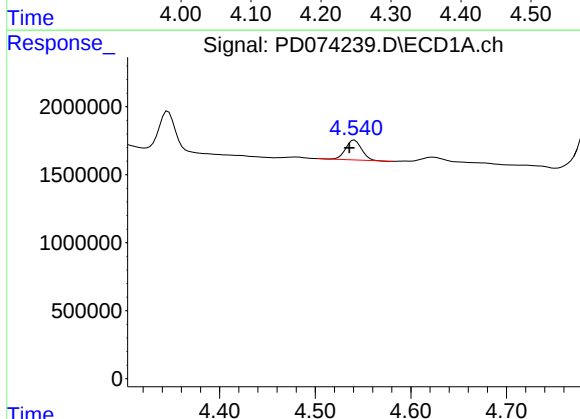
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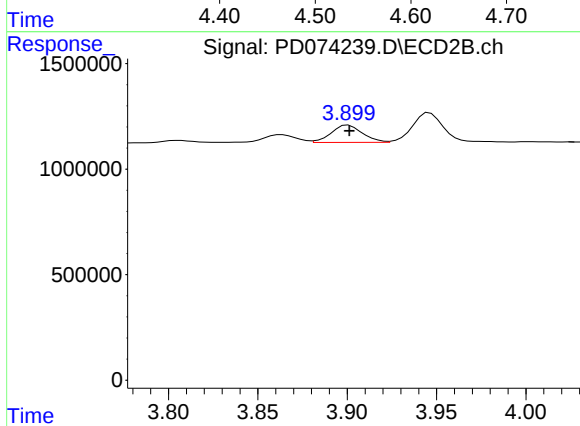
#5 Aldrin

R.T.: 4.227 min
Delta R.T.: -0.001 min
Response: 1791656
Conc: 1.06 ng/ml



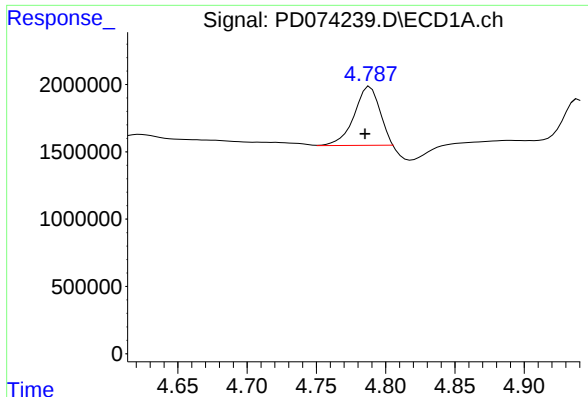
#6 beta-BHC

R.T.: 4.541 min
Delta R.T.: 0.005 min
Response: 1693300
Conc: 1.15 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: 0.000 min
Response: 993557
Conc: 1.32 ng/ml



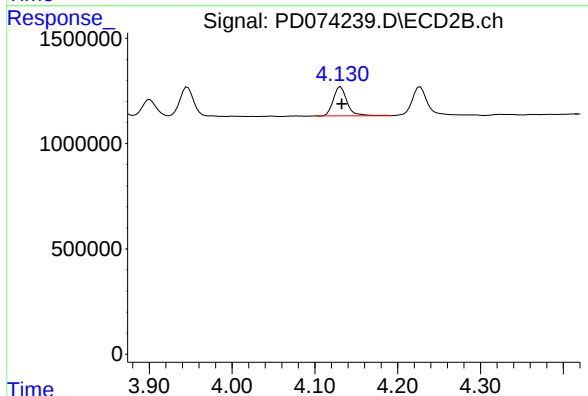
#7 delta-BHC

R.T.: 4.787 min
Delta R.T.: 0.002 min
Response: 5605122
Conc: 2.04 ng/ml

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

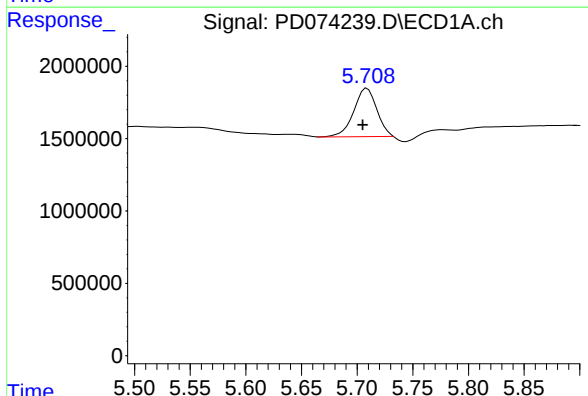
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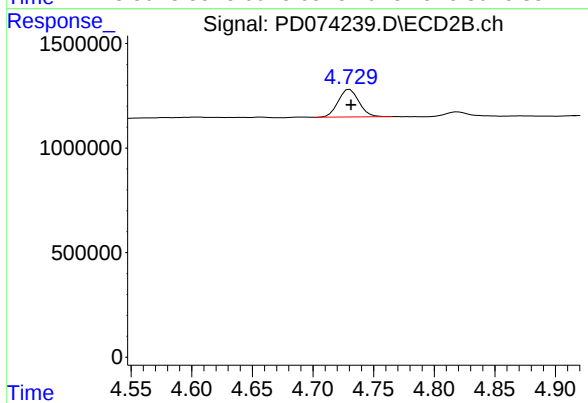
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.001 min
Response: 1600229
Conc: 0.94 ng/ml



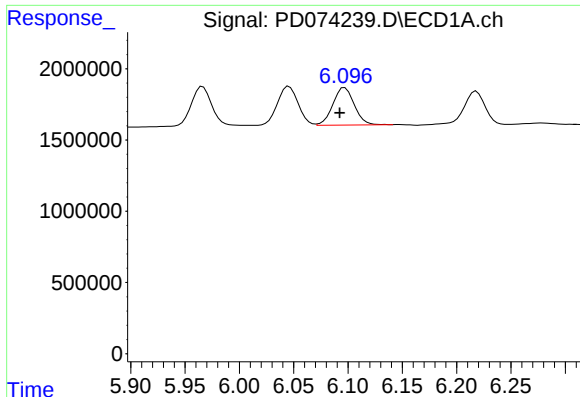
#8 Heptachlor epoxide

R.T.: 5.708 min
Delta R.T.: 0.003 min
Response: 4821670
Conc: 1.71 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.730 min
Delta R.T.: 0.000 min
Response: 1574088
Conc: 1.03 ng/ml



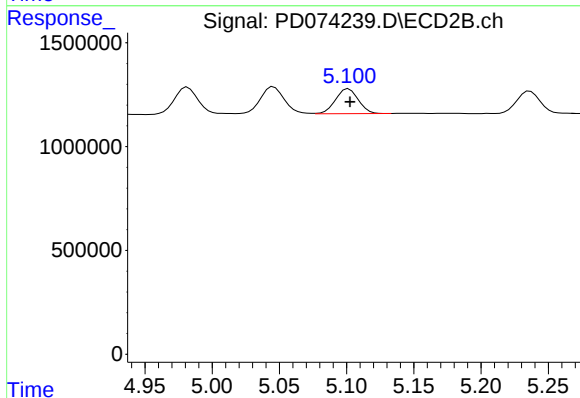
#9 Endosulfan I

R.T.: 6.097 min
Delta R.T.: 0.005 min
Response: 3603900
Conc: 1.27 ng/ml

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

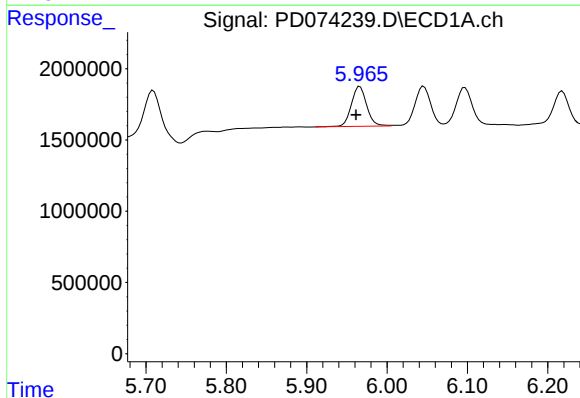
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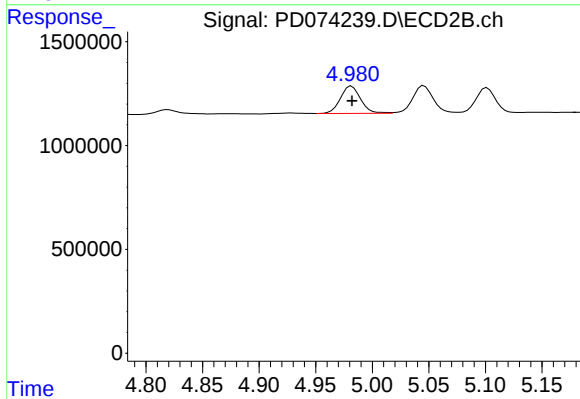
#9 Endosulfan I

R.T.: 5.101 min
Delta R.T.: -0.001 min
Response: 1413036
Conc: 0.98 ng/ml



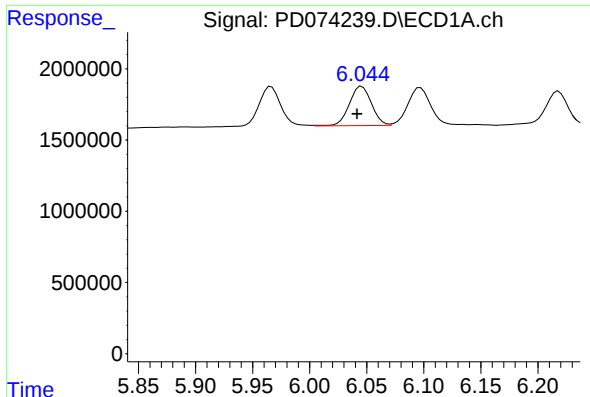
#10 gamma-Chlordane

R.T.: 5.966 min
Delta R.T.: 0.005 min
Response: 3717408
Conc: 1.24 ng/ml



#10 gamma-Chlordane

R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 1627203
Conc: 1.05 ng/ml



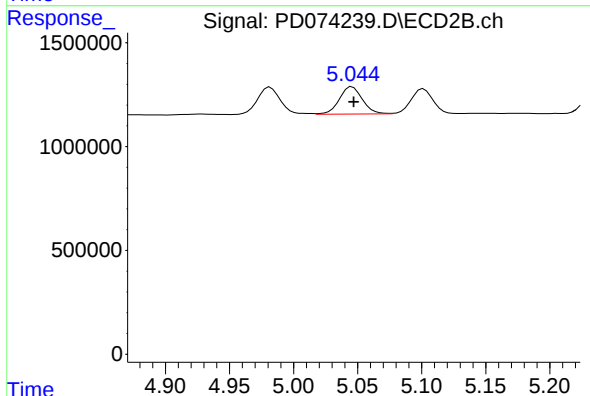
#11 alpha-Chlordane

R.T.: 6.046 min
Delta R.T.: 0.004 min
Response: 3738314
Conc: 1.24 ng/ml

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

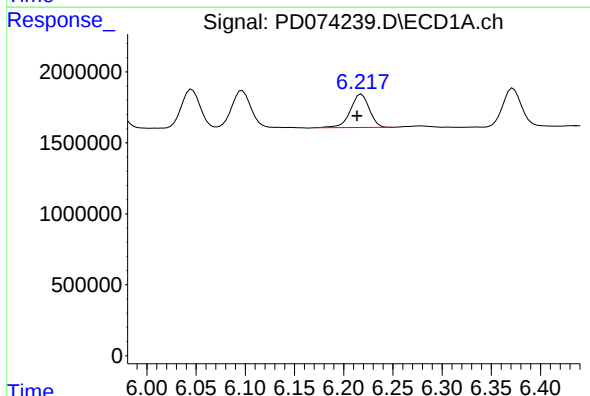
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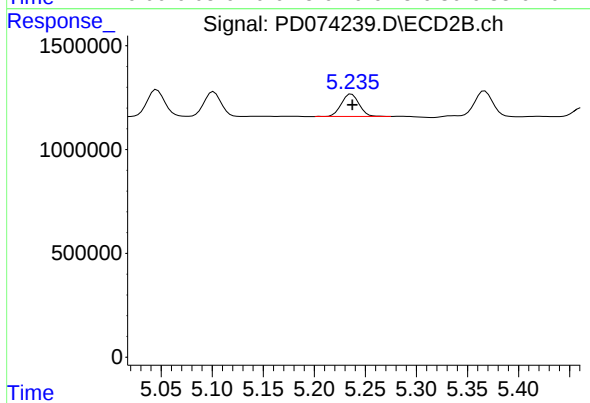
#11 alpha-Chlordane

R.T.: 5.046 min
Delta R.T.: -0.001 min
Response: 1645897
Conc: 1.07 ng/ml



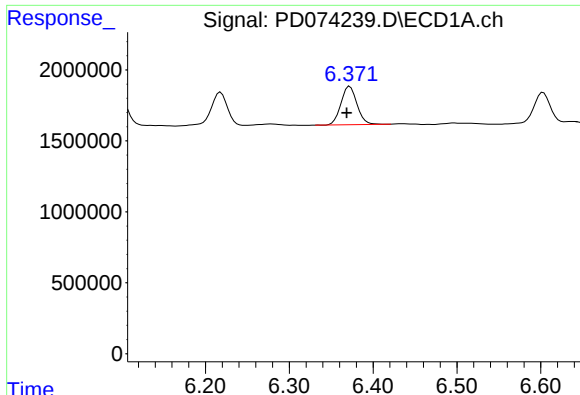
#12 4,4'-DDE

R.T.: 6.218 min
Delta R.T.: 0.005 min
Response: 3141598
Conc: 1.14 ng/ml



#12 4,4'-DDE

R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 1313684
Conc: 0.93 ng/ml



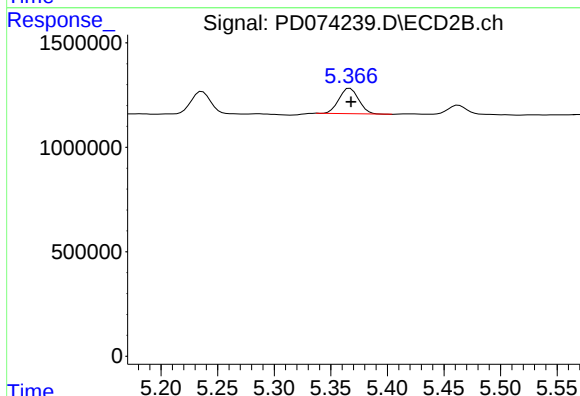
#13 Dieldrin

R.T.: 6.372 min
Delta R.T.: 0.004 min
Response: 3590449
Conc: 1.22 ng/ml

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

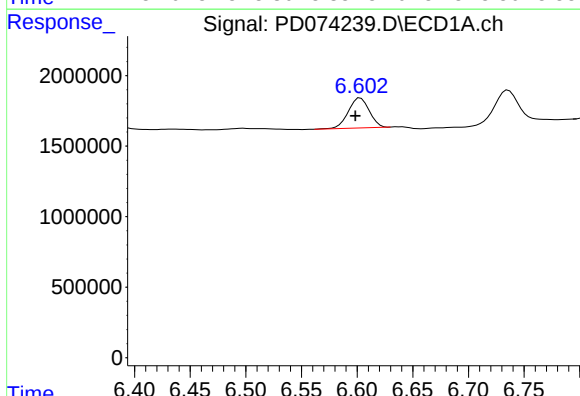
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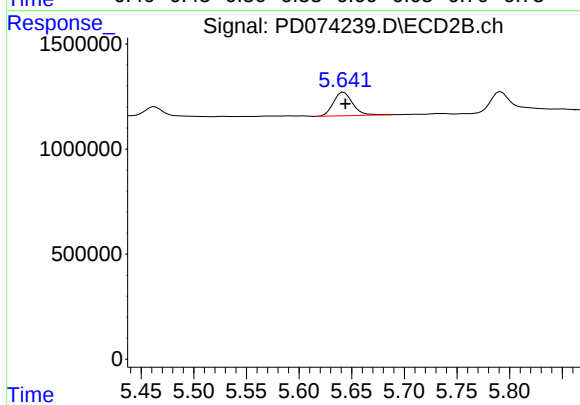
#13 Dieldrin

R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 1476240
Conc: 0.98 ng/ml



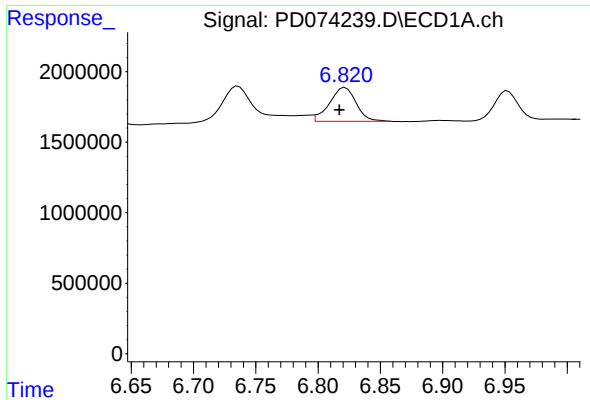
#14 Endrin

R.T.: 6.603 min
Delta R.T.: 0.005 min
Response: 2806320
Conc: 1.13 ng/ml



#14 Endrin

R.T.: 5.643 min
Delta R.T.: -0.002 min
Response: 1425703
Conc: 1.09 ng/ml



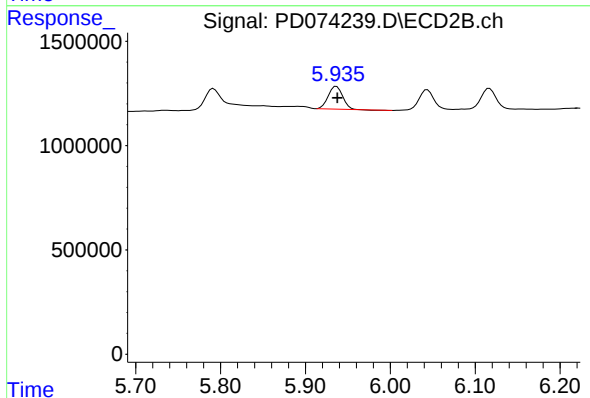
#15 Endosulfan II

R.T.: 6.820 min
Delta R.T.: 0.003 min
Response: 3547987
Conc: 1.38 ng/ml

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

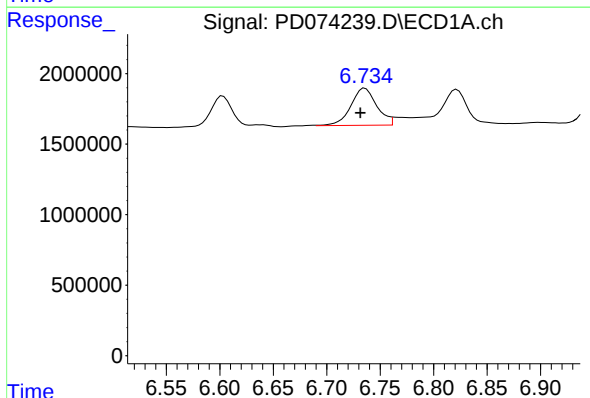
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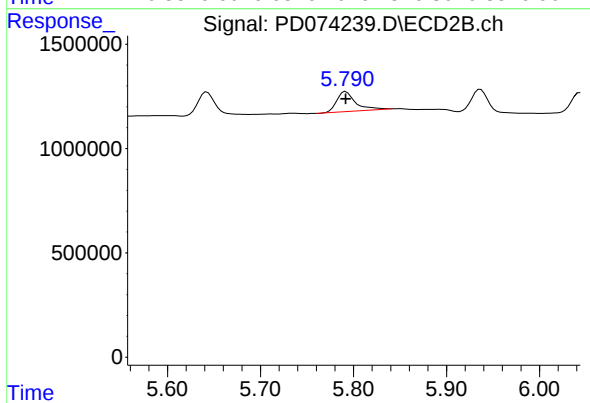
#15 Endosulfan II

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 1272797
Conc: 1.01 ng/ml



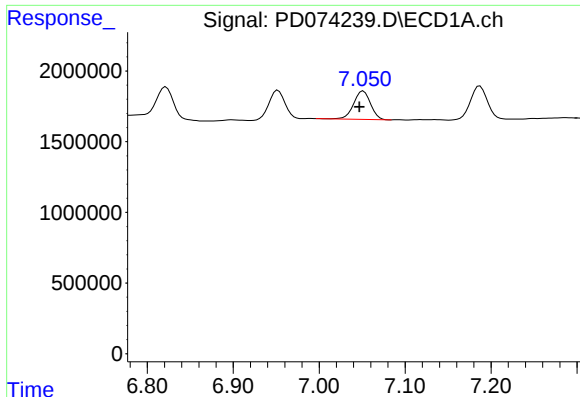
#16 4,4'-DDD

R.T.: 6.734 min
Delta R.T.: 0.003 min
Response: 4525441
Conc: 2.02 ng/ml m



#16 4,4'-DDD

R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 1339925
Conc: 1.15 ng/ml



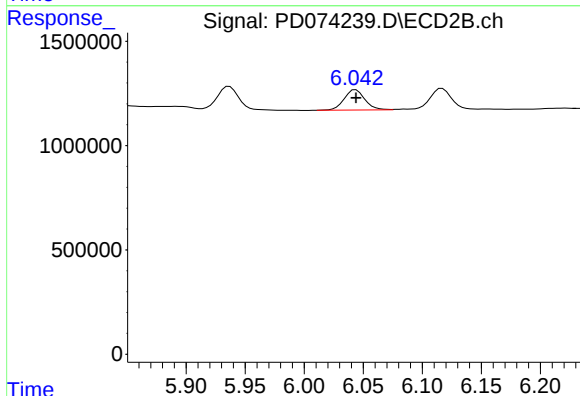
#17 4,4'-DDT

R.T.: 7.052 min
Delta R.T.: 0.005 min
Response: 2753628
Conc: 1.08 ng/ml

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

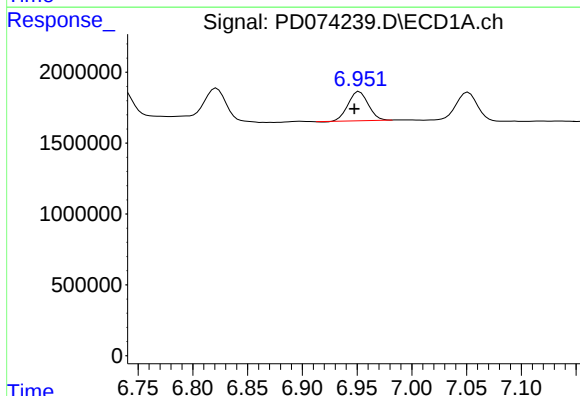
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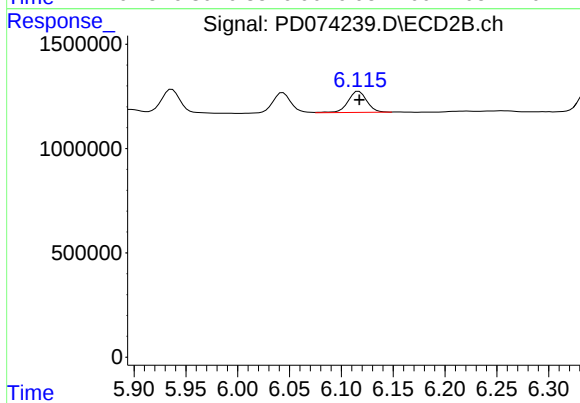
#17 4,4'-DDT

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 1181999
Conc: 0.96 ng/ml



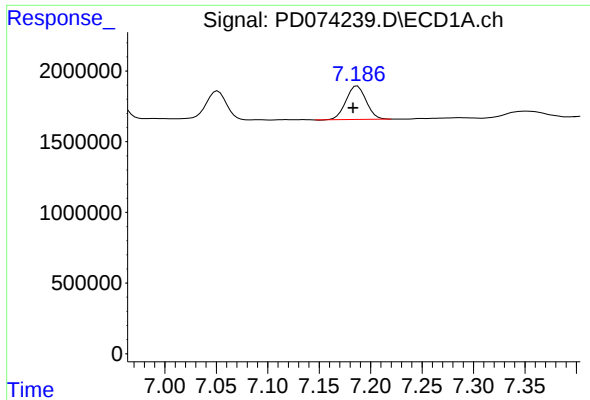
#18 Endrin aldehyde

R.T.: 6.952 min
Delta R.T.: 0.004 min
Response: 2620815
Conc: 1.31 ng/ml



#18 Endrin aldehyde

R.T.: 6.117 min
Delta R.T.: 0.000 min
Response: 1268894
Conc: 1.25 ng/ml



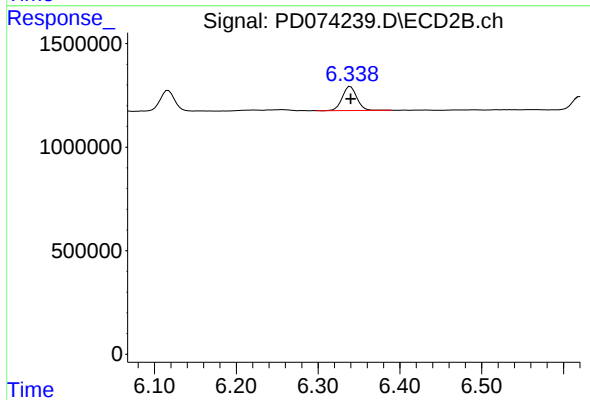
#19 Endosulfan Sulfate

R.T.: 7.187 min
Delta R.T.: 0.004 min
Response: 3231778
Conc: 1.31 ng/ml

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

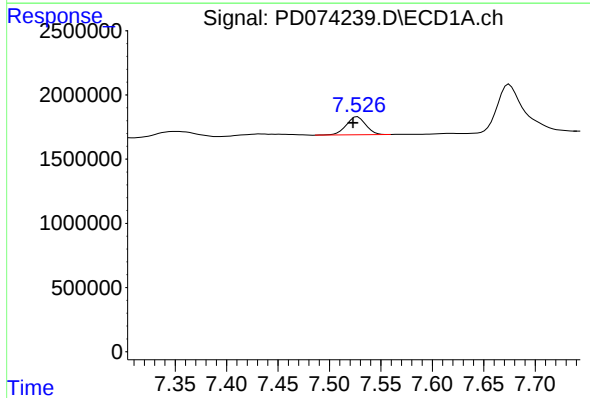
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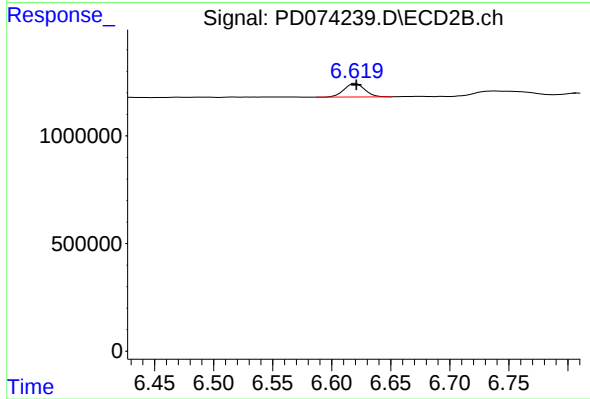
#19 Endosulfan Sulfate

R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 1430841
Conc: 1.17 ng/ml



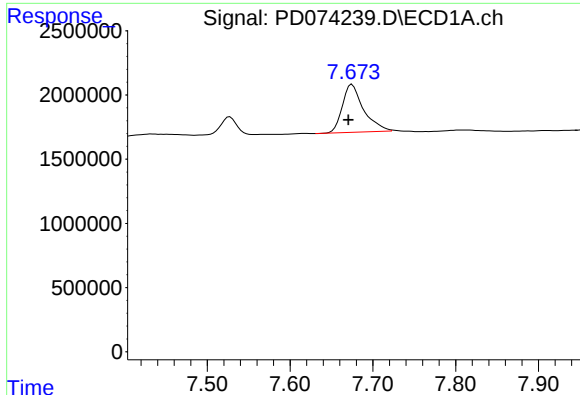
#20 Methoxychlor

R.T.: 7.527 min
Delta R.T.: 0.004 min
Response: 1859547
Conc: 1.33 ng/ml



#20 Methoxychlor

R.T.: 6.620 min
Delta R.T.: 0.000 min
Response: 765440
Conc: 1.13 ng/ml



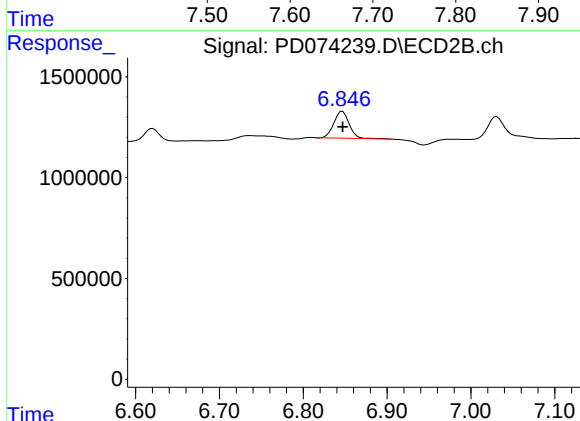
#21 Endrin ketone

R.T.: 7.675 min
Delta R.T.: 0.005 min
Response: 6659460
Conc: 2.39 ng/ml

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

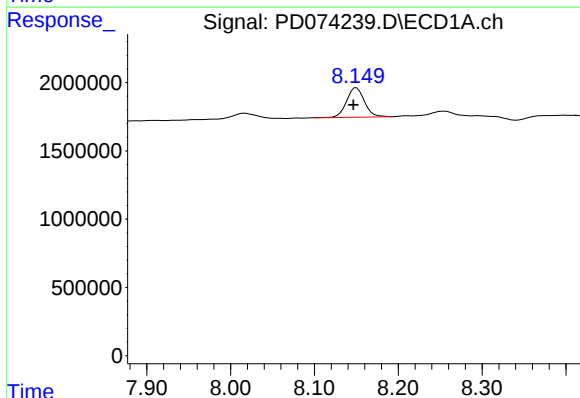
Manual Integrations
APPROVED

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



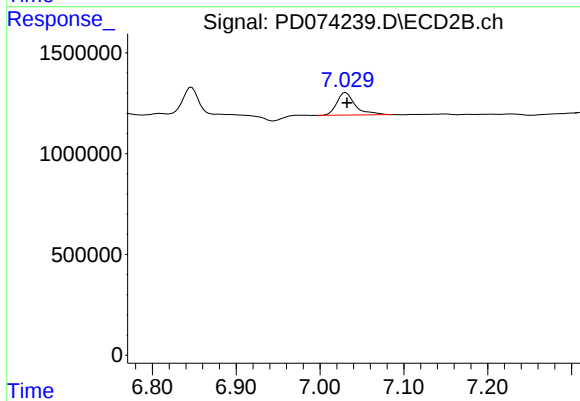
#21 Endrin ketone

R.T.: 6.847 min
Delta R.T.: 0.000 min
Response: 1707818
Conc: 1.16 ng/ml



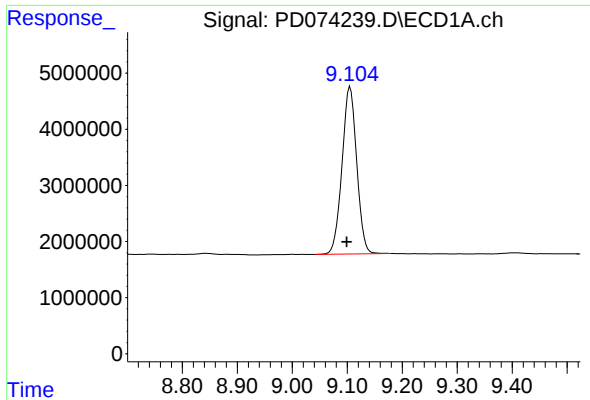
#22 Mirex

R.T.: 8.150 min
Delta R.T.: 0.004 min
Response: 3212222
Conc: 1.51 ng/ml



#22 Mirex

R.T.: 7.031 min
Delta R.T.: -0.001 min
Response: 1711594
Conc: 1.51 ng/ml



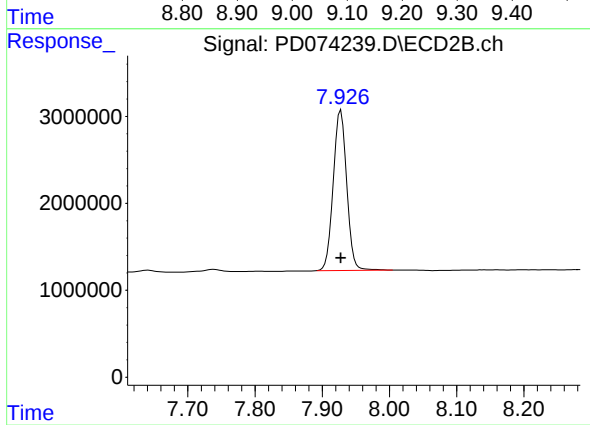
#28 Decachlorobiphenyl

R.T.: 9.105 min
Delta R.T.: 0.006 min
Response: 55317192
Conc: 20.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.928 min
Delta R.T.: 0.000 min
Response: 25489296
Conc: 20.78 ng/ml