

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040723\
 Data File : PD074623.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 19:14
 Operator : AR\AJ
 Sample : 02213-07
 Misc : PEST LOD 2.5PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/10/2023
 Supervised By :Ankita Jodhani 04/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 07 22:03:29 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...	3.549	2.770	44706979	23796651	19.166	19.554
28)	SA Decachlor...	9.092	7.919	57408056	25506631	21.464	20.789
Target Compounds							
2)	A alpha-BHC	4.004	3.273	8174182	3955616	2.106	2.129
3)	MA gamma-BHC...	4.338	3.603	8523102	3942487	2.429	2.301
4)	MA Heptachlor	4.931	3.945	8721754	3991078	2.545	2.340
5)	MB Aldrin	5.274	4.225	8919476	3924353	2.649	2.326
6)	B beta-BHC	4.533	3.899	4007434	2028229	2.712	2.686
7)	B delta-BHC	4.781	4.130	8957770	3794730	3.264	2.229 #
8)	B Heptachlo...	5.698	4.727	7626887	3765091	2.712m	2.453
9)	A Endosulfan I	6.087	5.098	7889087	3541552	2.775	2.461
10)	B gamma-Chl...	5.957	4.978	8116248	3863587	2.704	2.488
11)	B alpha-Chl...	6.036	5.043	8487615	3890719	2.814	2.526
12)	B 4,4'-DDE	6.208	5.232	7034510	3210864	2.551	2.275
13)	MA Dieldrin	6.363	5.363	8010314	3660961	2.715	2.435
14)	MA Endrin	6.593	5.637	6699140	3293745	2.696	2.520m
15)	B Endosulfa...	6.812	5.932	9202649	3614836	3.573	2.873
16)	A 4,4'-DDD	6.726	5.787	5944390	2714320	2.650	2.325
17)	MA 4,4'-DDT	7.041	6.038	6577423	2678645	2.580	2.181
18)	B Endrin al...	6.942	6.112	6456911	3061559	3.230	3.015
19)	B Endosulfa...	7.177	6.335	7334208	3304546	2.971	2.707
20)	A Methoxychlor	7.517	6.615	4316563	1981273	3.085	2.928
21)	B Endrin ke...	7.664	6.841	8628600	3807604	3.100	2.581
22)	Mirex	8.140	7.025	6994676	3232468	3.294	2.846

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040723\
 Data File : PD074623.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 19:14
 Operator : AR\AJ
 Sample : 02213-07
 Misc : PEST LOD 2.5PPB
 ALS Vial : 10 Sample Multiplier: 1

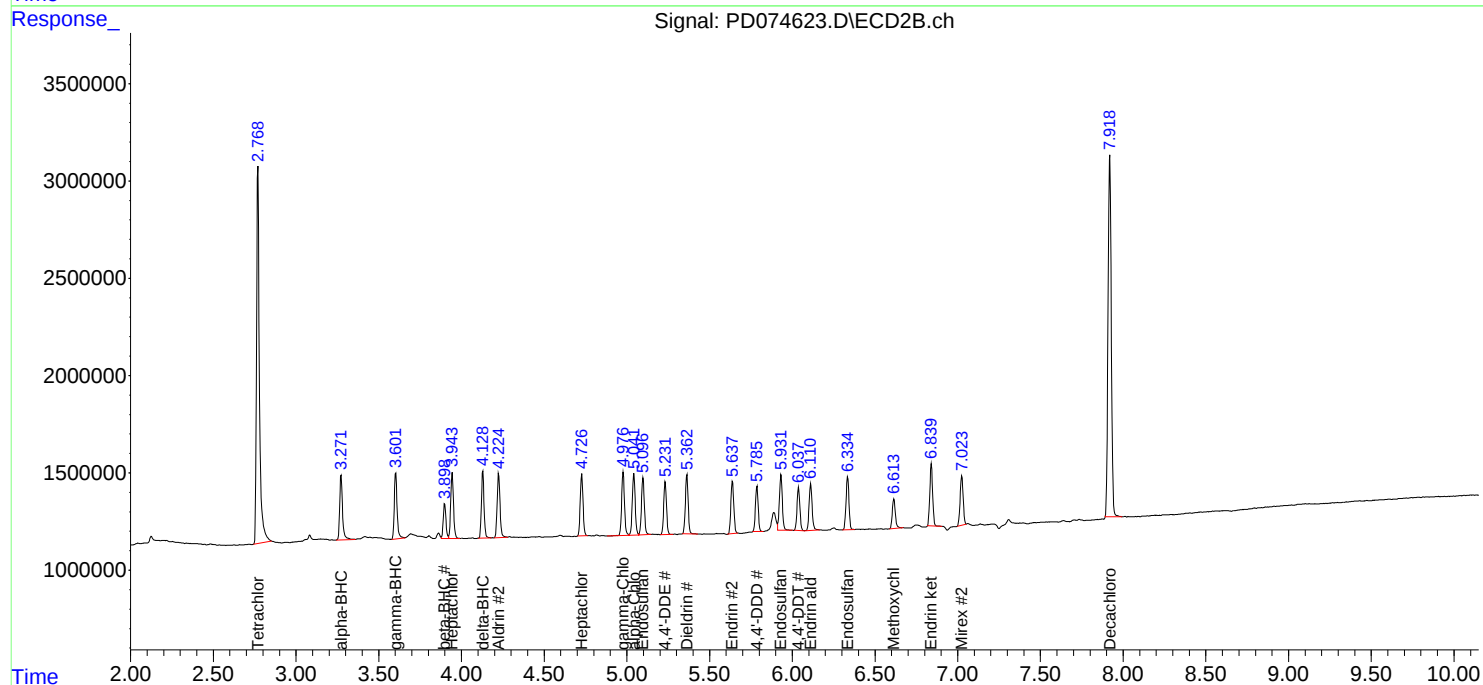
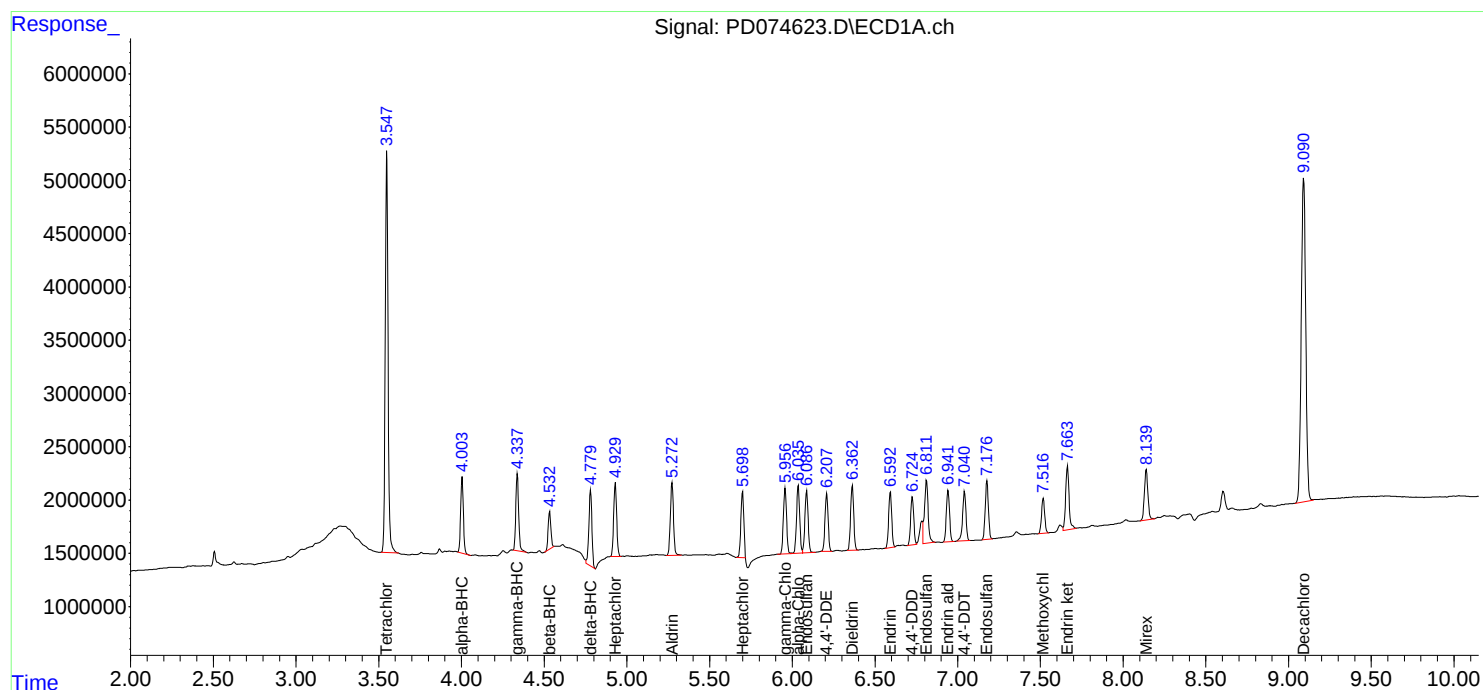
Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

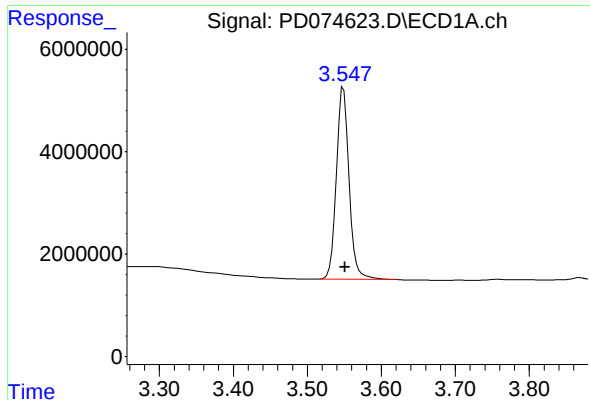
Manual Integrations APPROVED

Reviewed By : Abdul Mirza 04/10/2023
 Supervised By : Ankita Jodhani 04/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 07 22:03:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031423.M
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Volume Inj. : 2 µl
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 Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





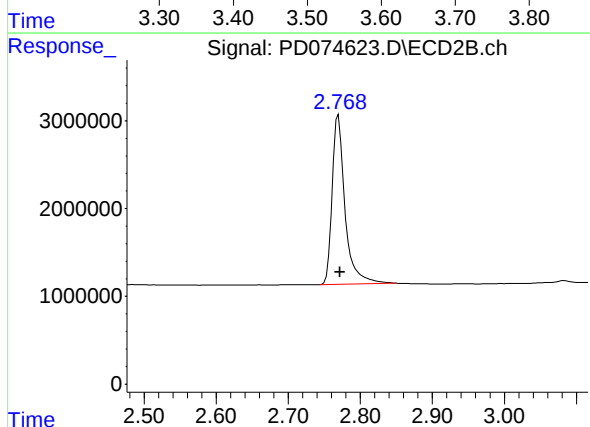
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: -0.002 min
Response: 44706979
Conc: 19.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

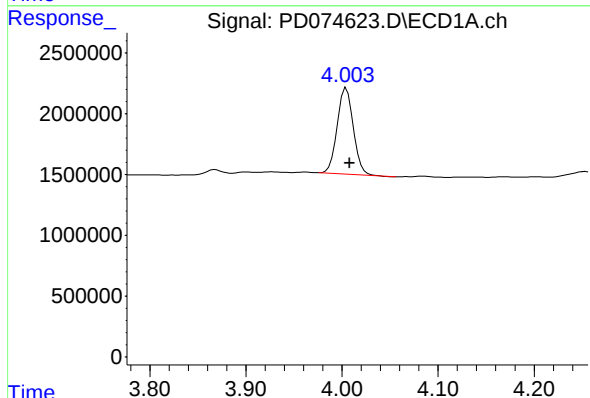
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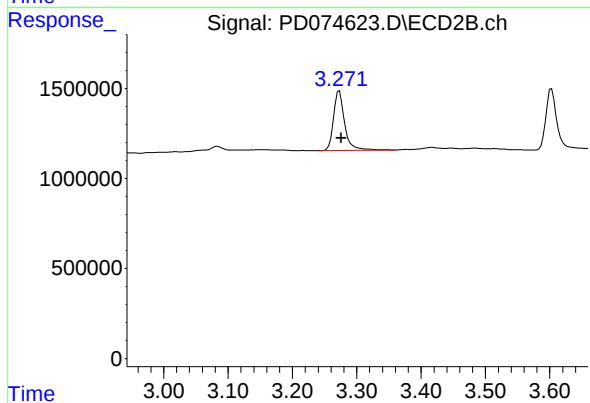
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 23796651
Conc: 19.55 ng/ml



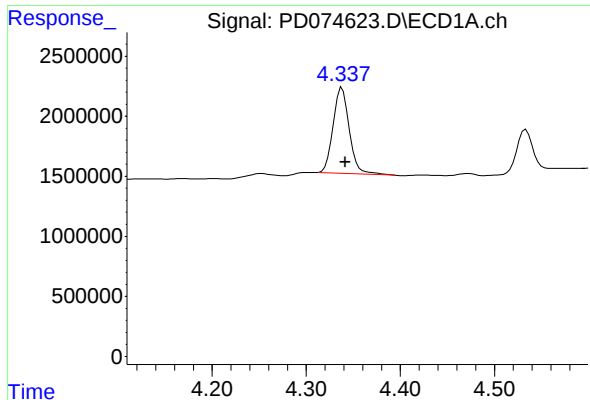
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: -0.004 min
Response: 8174182
Conc: 2.11 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: -0.003 min
Response: 3955616
Conc: 2.13 ng/ml



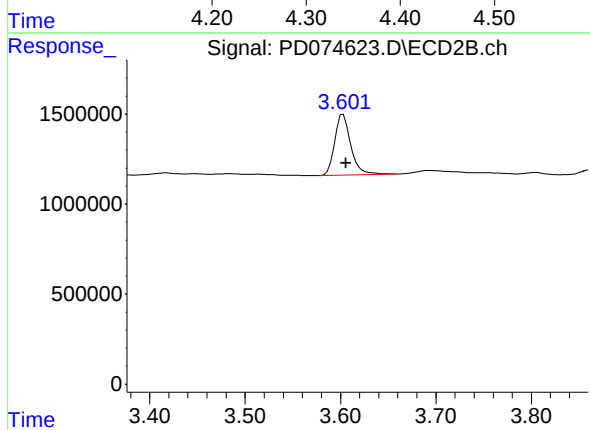
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: -0.003 min
Response: 8523102
Conc: 2.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

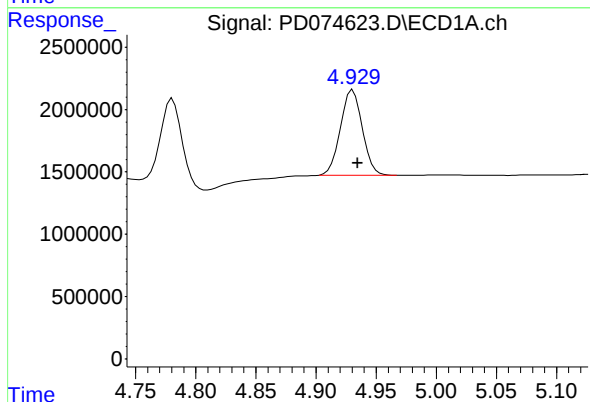
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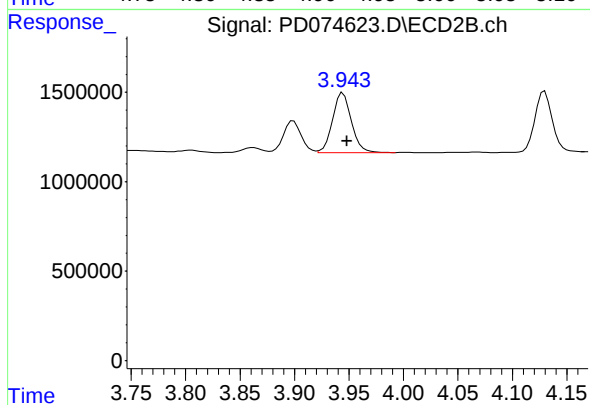
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: -0.003 min
Response: 3942487
Conc: 2.30 ng/ml



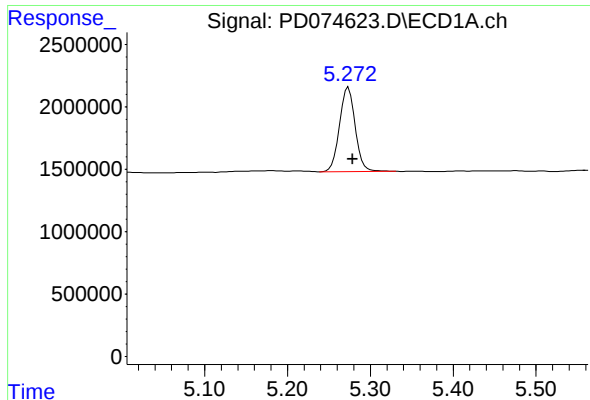
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: -0.004 min
Response: 8721754
Conc: 2.55 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: -0.004 min
Response: 3991078
Conc: 2.34 ng/ml



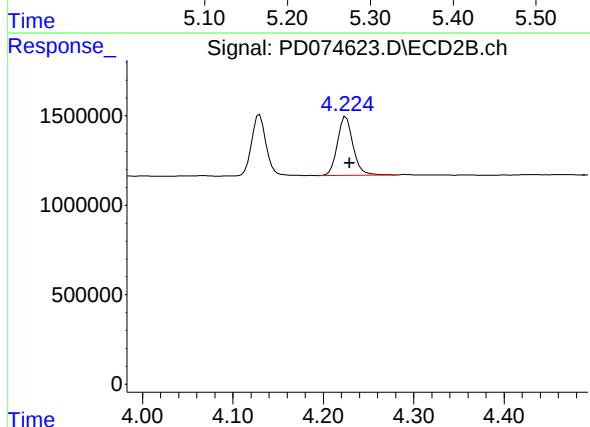
#5 Aldrin

R.T.: 5.274 min
Delta R.T.: -0.005 min
Response: 8919476
Conc: 2.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

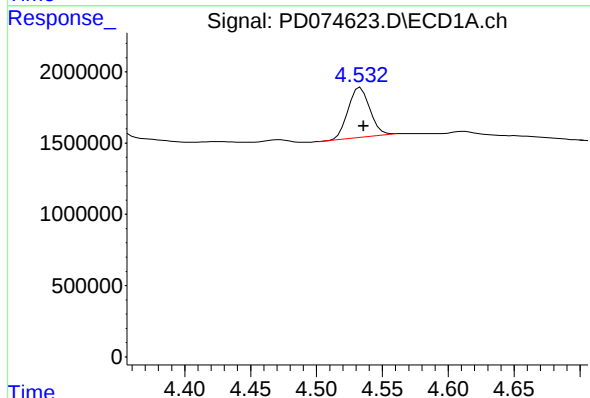
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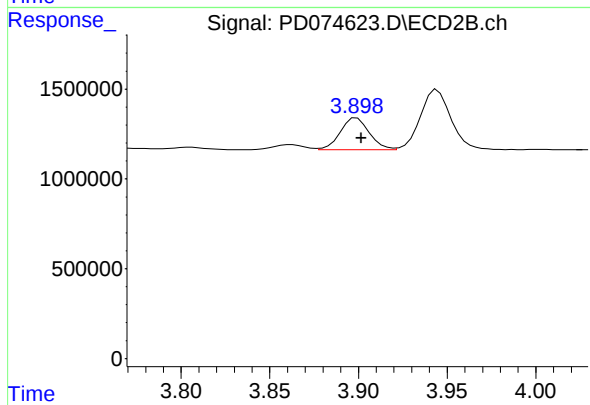
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: -0.004 min
Response: 3924353
Conc: 2.33 ng/ml



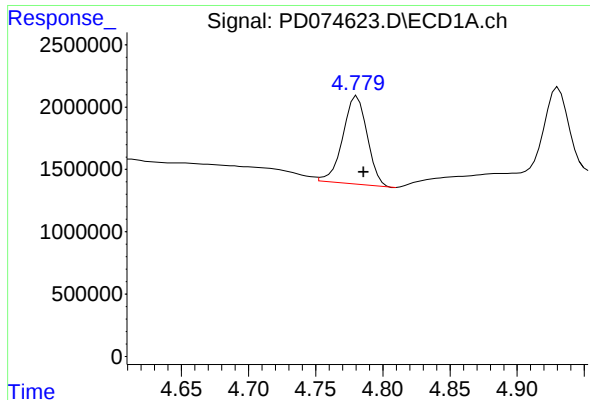
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: -0.002 min
Response: 4007434
Conc: 2.71 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: -0.003 min
Response: 2028229
Conc: 2.69 ng/ml



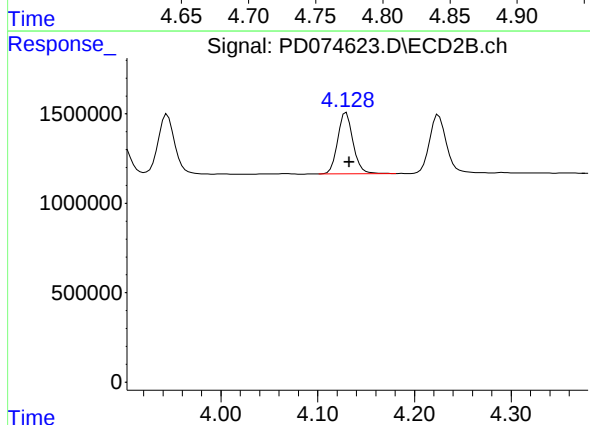
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: -0.005 min
Response: 8957770
Conc: 3.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

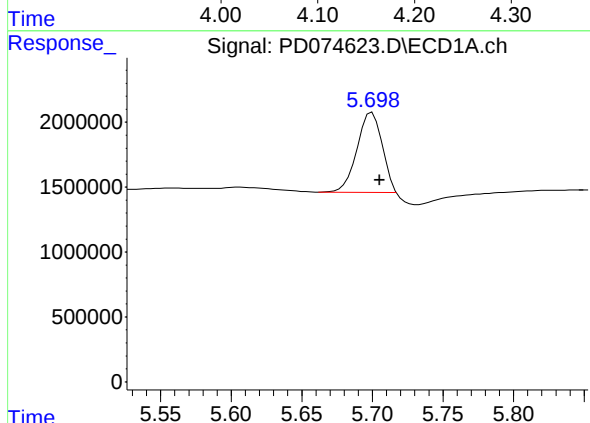
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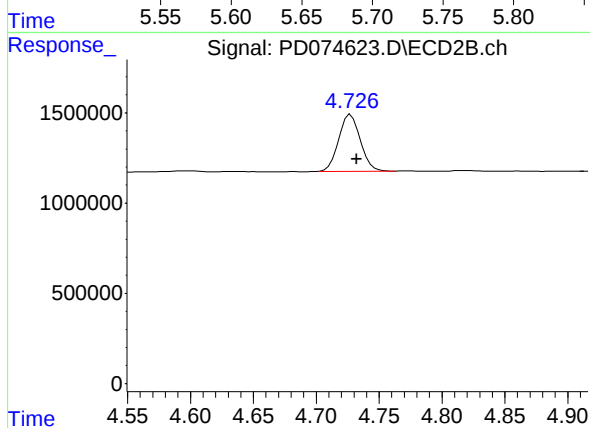
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.003 min
Response: 3794730
Conc: 2.23 ng/ml



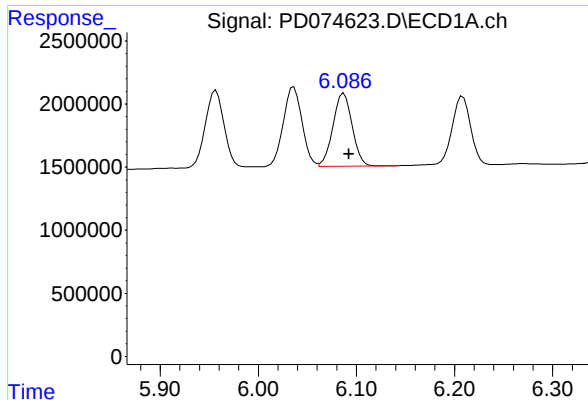
#8 Heptachlor epoxide

R.T.: 5.698 min
Delta R.T.: -0.007 min
Response: 7626887
Conc: 2.71 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.727 min
Delta R.T.: -0.004 min
Response: 3765091
Conc: 2.45 ng/ml



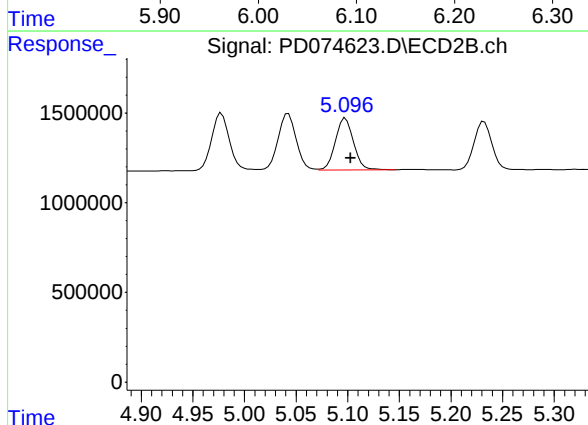
#9 Endosulfan I

R.T.: 6.087 min
Delta R.T.: -0.005 min
Response: 7889087
Conc: 2.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

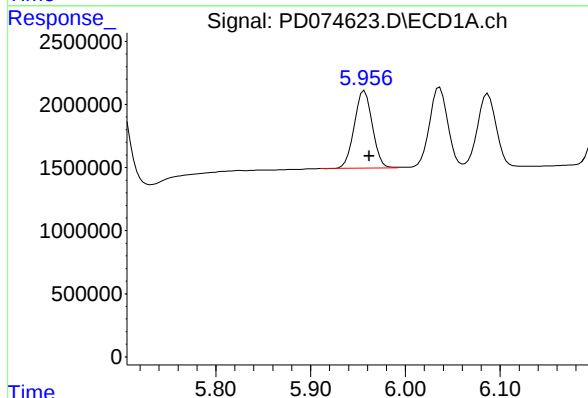
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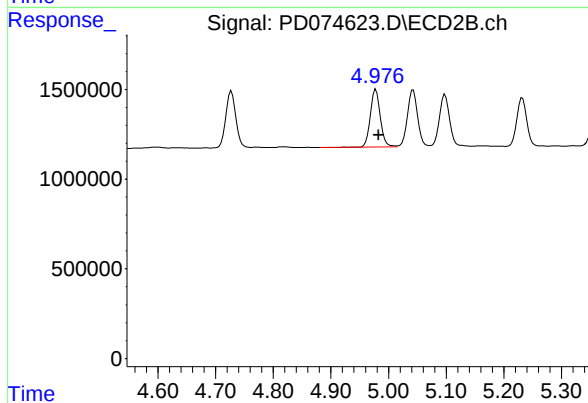
#9 Endosulfan I

R.T.: 5.098 min
Delta R.T.: -0.005 min
Response: 3541552
Conc: 2.46 ng/ml



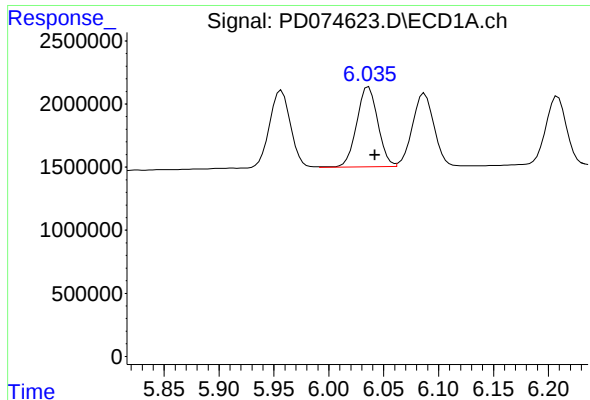
#10 gamma-Chlordane

R.T.: 5.957 min
Delta R.T.: -0.005 min
Response: 8116248
Conc: 2.70 ng/ml



#10 gamma-Chlordane

R.T.: 4.978 min
Delta R.T.: -0.005 min
Response: 3863587
Conc: 2.49 ng/ml



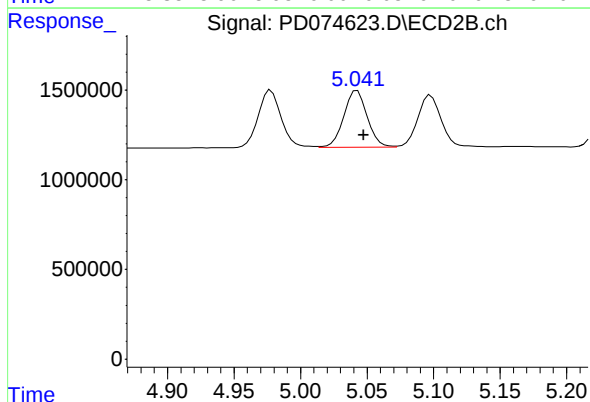
#11 alpha-Chlordane

R.T.: 6.036 min
Delta R.T.: -0.006 min
Response: 8487615
Conc: 2.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

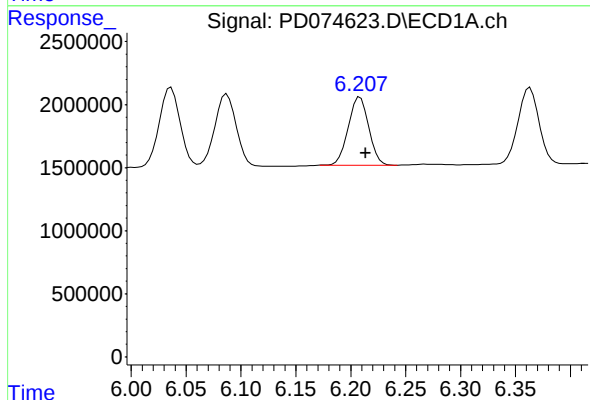
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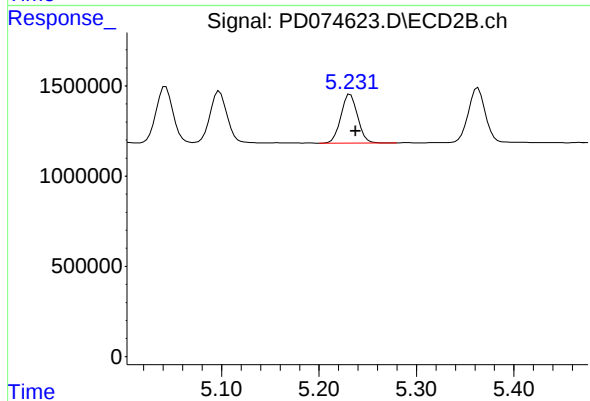
#11 alpha-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.005 min
Response: 3890719
Conc: 2.53 ng/ml



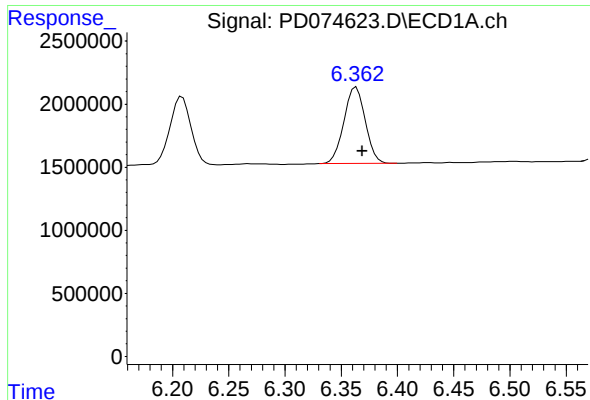
#12 4,4'-DDE

R.T.: 6.208 min
Delta R.T.: -0.005 min
Response: 7034510
Conc: 2.55 ng/ml



#12 4,4'-DDE

R.T.: 5.232 min
Delta R.T.: -0.005 min
Response: 3210864
Conc: 2.28 ng/ml



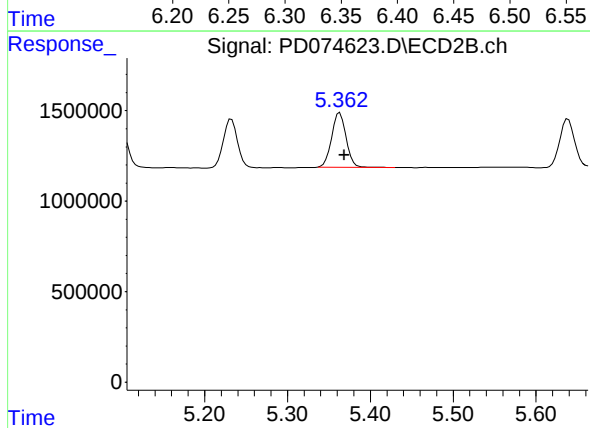
#13 Dieldrin

R.T.: 6.363 min
Delta R.T.: -0.005 min
Response: 8010314
Conc: 2.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

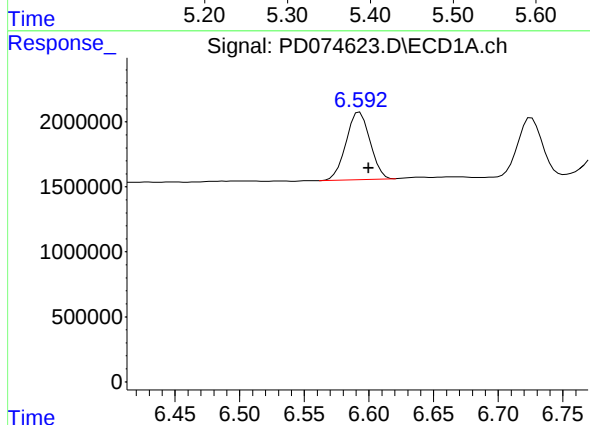
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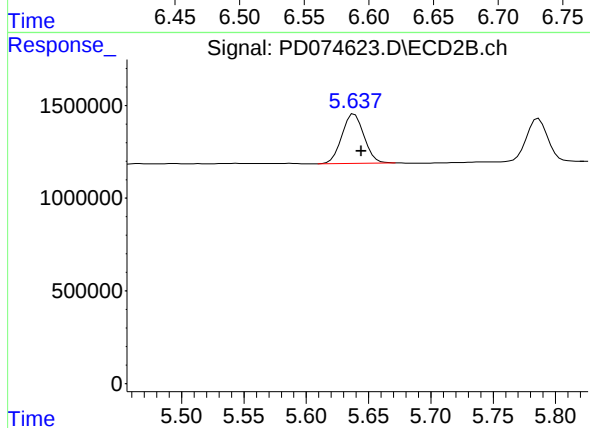
#13 Dieldrin

R.T.: 5.363 min
Delta R.T.: -0.005 min
Response: 3660961
Conc: 2.43 ng/ml



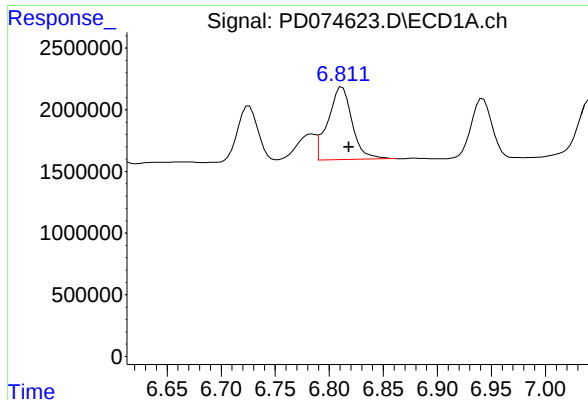
#14 Endrin

R.T.: 6.593 min
Delta R.T.: -0.007 min
Response: 6699140
Conc: 2.70 ng/ml



#14 Endrin

R.T.: 5.637 min
Delta R.T.: -0.007 min
Response: 3293745
Conc: 2.52 ng/ml m



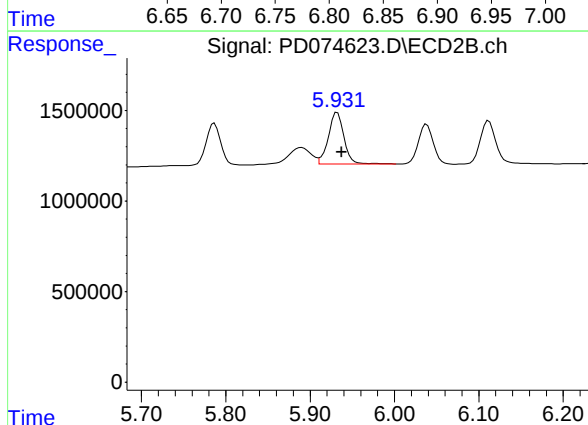
#15 Endosulfan II

R.T.: 6.812 min
Delta R.T.: -0.006 min
Response: 9202649
Conc: 3.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

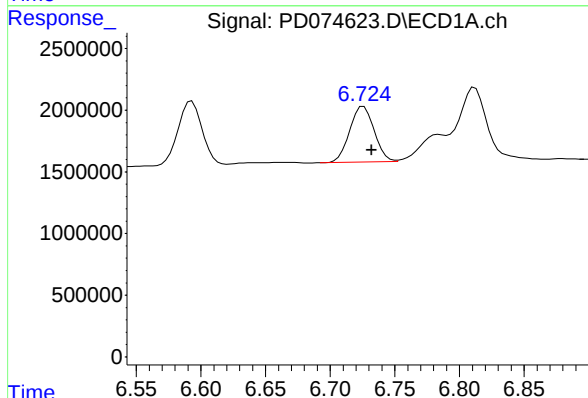
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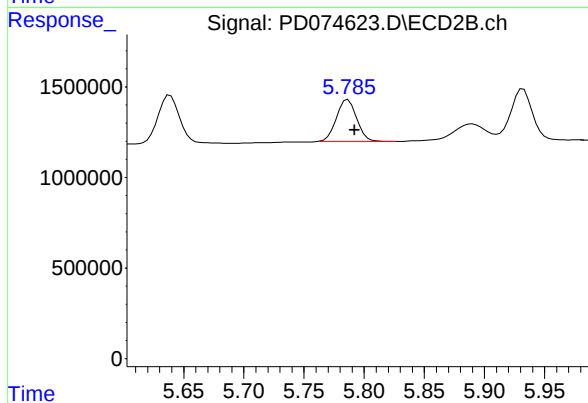
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: -0.005 min
Response: 3614836
Conc: 2.87 ng/ml



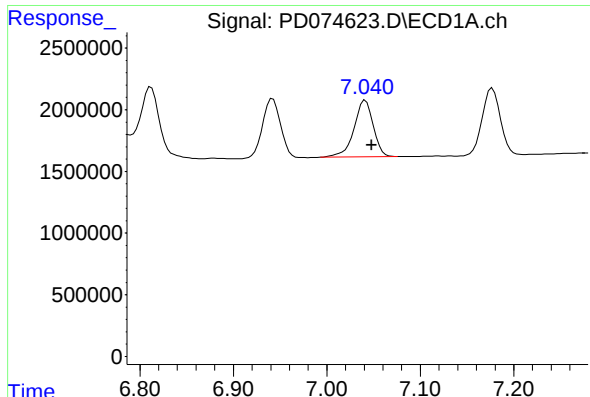
#16 4,4'-DDD

R.T.: 6.726 min
Delta R.T.: -0.006 min
Response: 5944390
Conc: 2.65 ng/ml



#16 4,4'-DDD

R.T.: 5.787 min
Delta R.T.: -0.005 min
Response: 2714320
Conc: 2.33 ng/ml



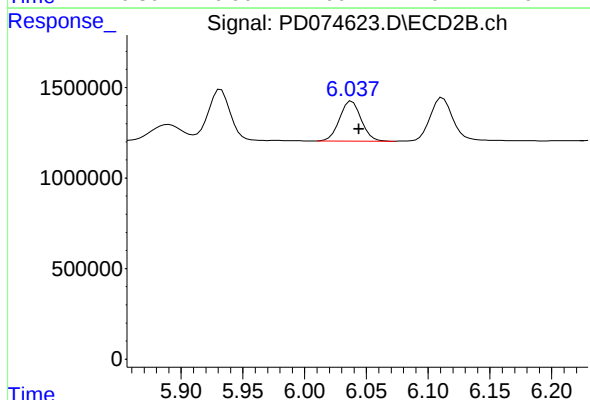
#17 4,4'-DDT

R.T.: 7.041 min
Delta R.T.: -0.007 min
Response: 6577423
Conc: 2.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

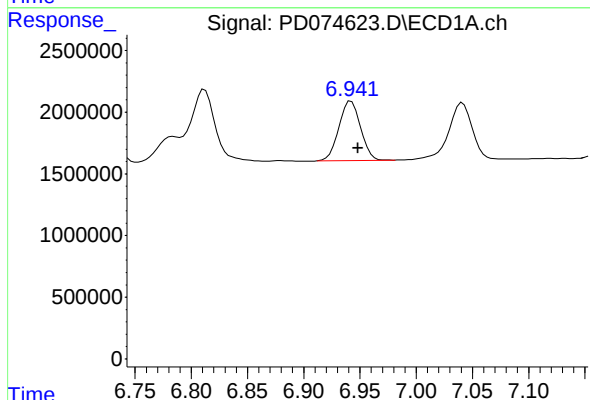
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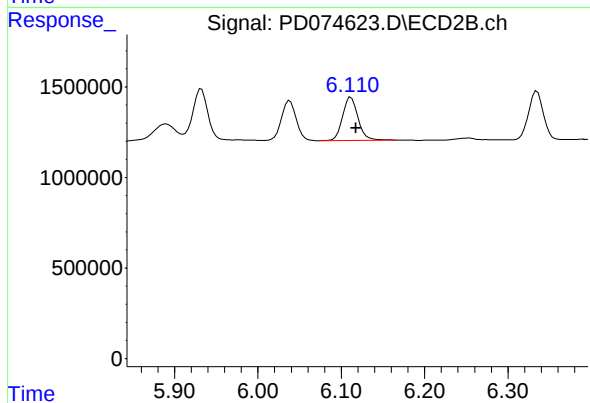
#17 4,4'-DDT

R.T.: 6.038 min
Delta R.T.: -0.006 min
Response: 2678645
Conc: 2.18 ng/ml



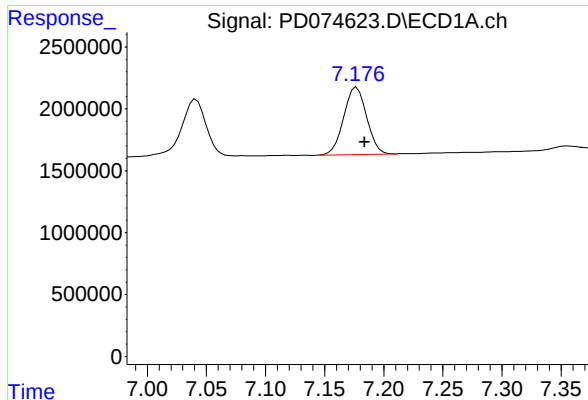
#18 Endrin aldehyde

R.T.: 6.942 min
Delta R.T.: -0.006 min
Response: 6456911
Conc: 3.23 ng/ml



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: -0.006 min
Response: 3061559
Conc: 3.01 ng/ml



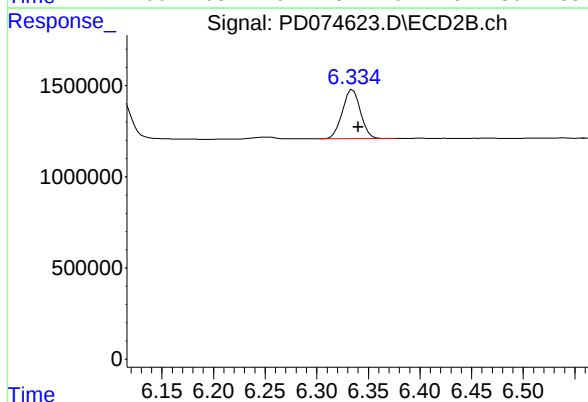
#19 Endosulfan Sulfate

R.T.: 7.177 min
Delta R.T.: -0.007 min
Response: 7334208
Conc: 2.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
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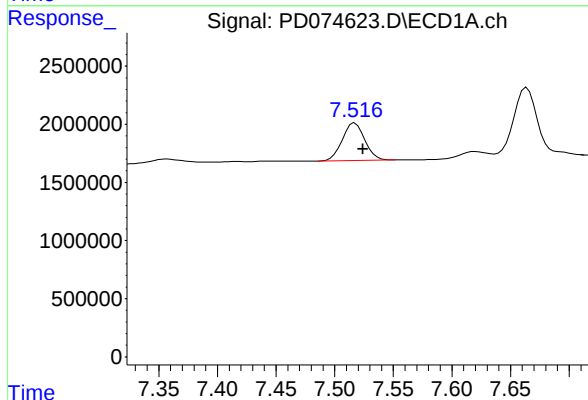
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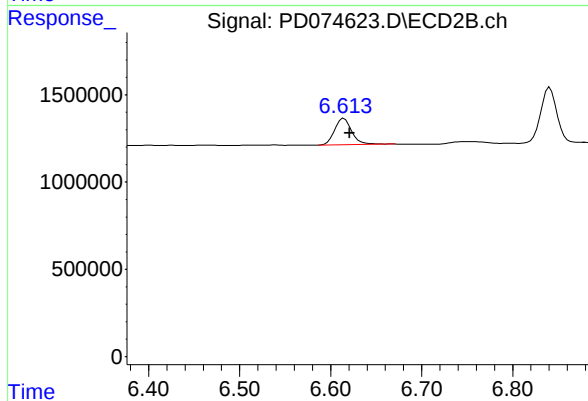
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: -0.005 min
Response: 3304546
Conc: 2.71 ng/ml



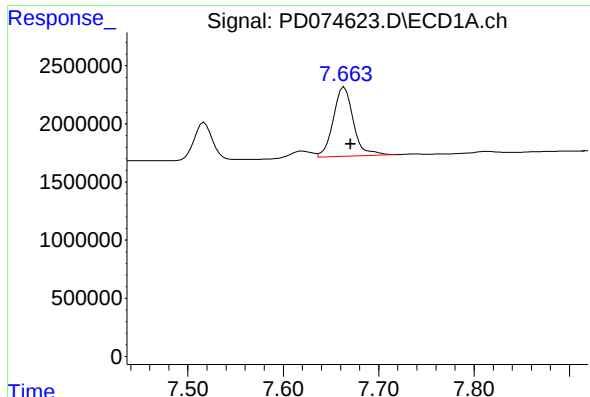
#20 Methoxychlor

R.T.: 7.517 min
Delta R.T.: -0.007 min
Response: 4316563
Conc: 3.09 ng/ml



#20 Methoxychlor

R.T.: 6.615 min
Delta R.T.: -0.006 min
Response: 1981273
Conc: 2.93 ng/ml



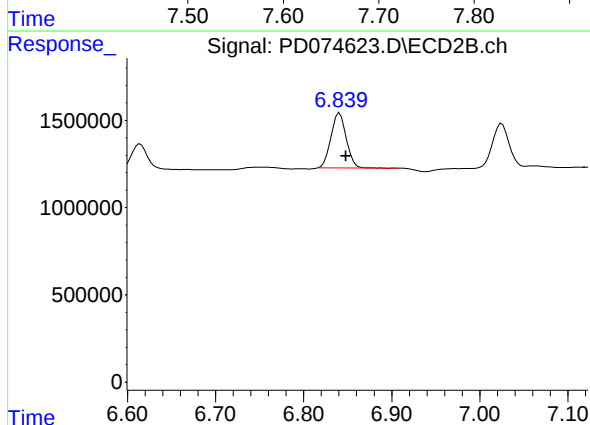
#21 Endrin ketone

R.T.: 7.664 min
Delta R.T.: -0.007 min
Response: 8628600
Conc: 3.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

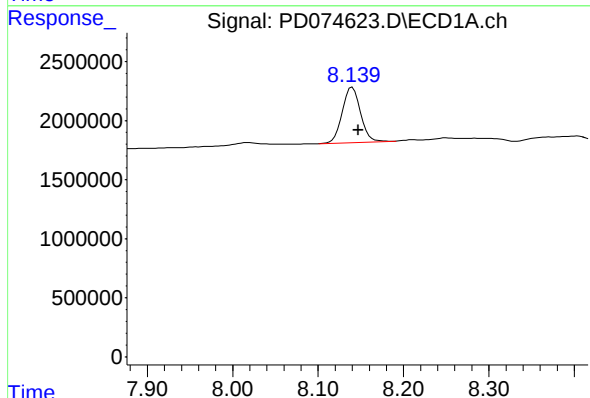
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



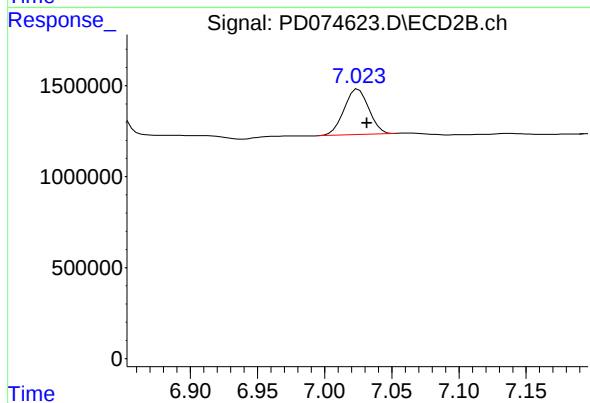
#21 Endrin ketone

R.T.: 6.841 min
Delta R.T.: -0.007 min
Response: 3807604
Conc: 2.58 ng/ml



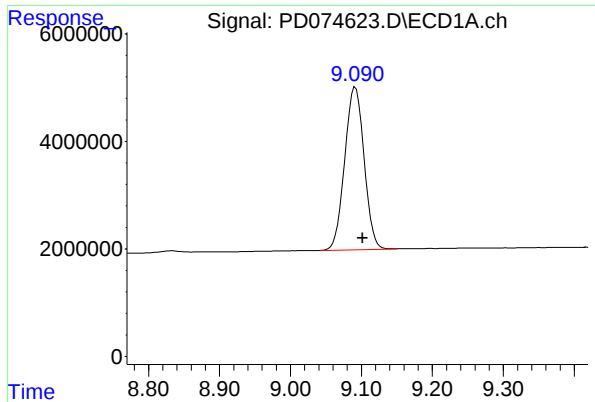
#22 Mirex

R.T.: 8.140 min
Delta R.T.: -0.007 min
Response: 6994676
Conc: 3.29 ng/ml



#22 Mirex

R.T.: 7.025 min
Delta R.T.: -0.007 min
Response: 3232468
Conc: 2.85 ng/ml



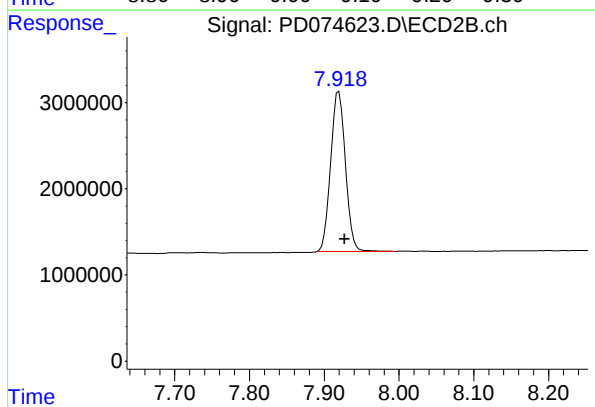
#28 Decachlorobiphenyl

R.T.: 9.092 min
Delta R.T.: -0.010 min
Response: 57408056
Conc: 21.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



#28 Decachlorobiphenyl

R.T.: 7.919 min
Delta R.T.: -0.008 min
Response: 25506631
Conc: 20.79 ng/ml