

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101624\
 Data File : PD086079.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2024 12:09
 Operator : AR\AJ
 Sample : P4368-07
 Misc : PEST LOD 2.5PPB WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/17/2024
 Supervised By :Ankita Jodhani 10/17/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 12:30:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101124.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 11 13:57:25 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...	3.451	2.876	22142146	118.3E6	18.238	18.956
28) SA Decachlor...	8.908	8.061	39498215	114.0E6	18.291	21.398
Target Compounds						
2) A alpha-BHC	3.894	3.385	4372050	25898556	2.019	2.834 #
3) MA gamma-BHC...	4.221	3.720	5446250	26148100	2.453	3.049
4) MA Heptachlor	4.815	4.071	5337309	25242439	2.671	3.534 #
5) MB Aldrin	5.153	4.355	5729897	24373733	2.514	2.828m
6) B beta-BHC	4.409	4.015	2387533	11373223	2.682	3.082
7) B delta-BHC	4.652	4.249	5376979	23510994	2.679m	2.841m
8) B Heptachlo...	5.573	4.860	5555354	22490512	2.664	3.005
9) A Endosulfan I	5.954	5.234	5070195	22882852	2.607	3.340 #
10) B gamma-Chl...	5.827	5.112	5306213	24111820	2.635	3.189
11) B alpha-Chl...	5.907	5.177	5684978	24370580	2.784	3.237
12) B 4,4'-DDE	6.079	5.361	4086889	21104921	2.359	3.106 #
13) MA Dieldrin	6.225	5.500	5090815	24110365	2.482	3.185 #
14) MA Endrin	6.451	5.777	4267698	21336180	2.506	3.430 #
15) B Endosulfa...	6.664	6.069	5035360	21995004	2.752	3.472 #
16) A 4,4'-DDD	6.587	5.917	3667462	16987553	2.681	3.275
17) MA 4,4'-DDT	6.902	6.169	3593590	17097706	2.416	3.238m#
18) B Endrin al...	6.793	6.247	4125101	16091964	2.728	3.069m
19) B Endosulfa...	7.026	6.472	4768911	15734206	2.745	2.800
20) A Methoxychlor	7.375	6.742	3230119	9372111	3.585	3.506
21) B Endrin ke...	7.503	6.982	6206426	23228991	3.226m	3.359
22) Mirex	7.983	7.175	4708436	17059821	2.784	2.913

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101624\
Data File : PD086079.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 12:09
Operator : AR\AJ
Sample : P4368-07
Misc : PEST LOD 2.5PPB WATER
ALS Vial : 10 Sample Multiplier: 1

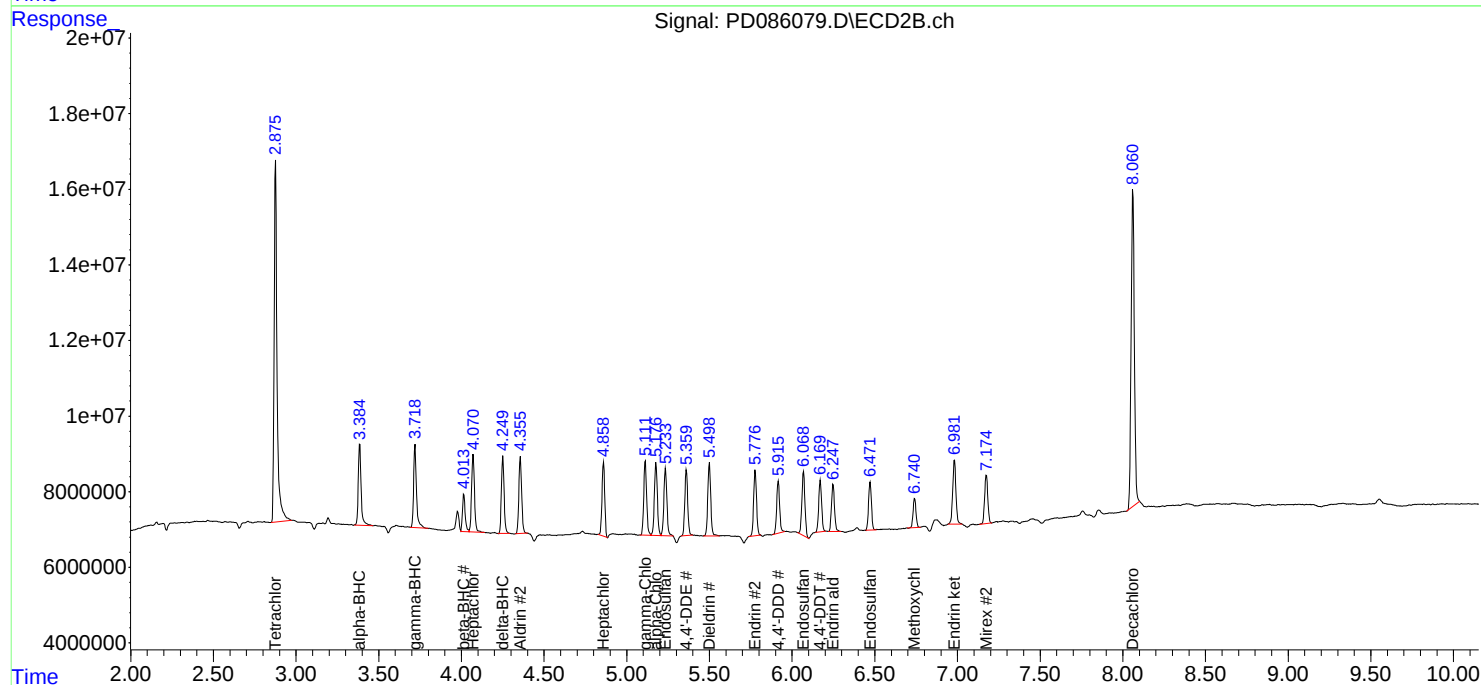
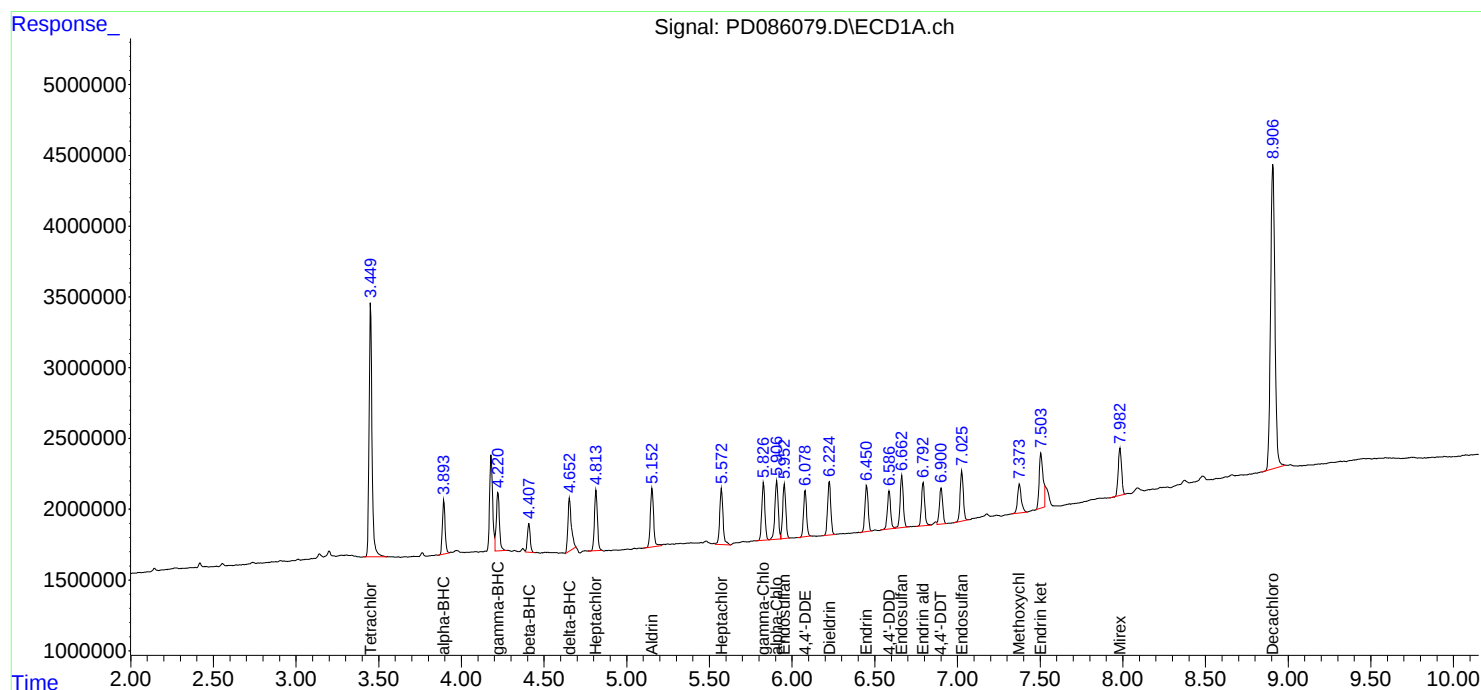
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

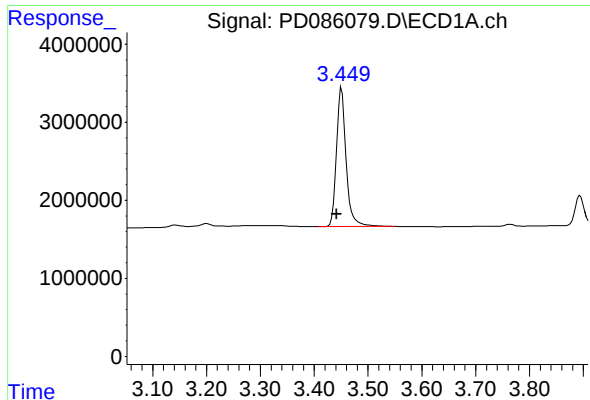
Manual Integrations
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Supervised By :Ankita Jodhani 10/17/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 12:30:39 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101124.M
Quant Title : GC Extractables
QLast Update : Fri Oct 11 13:57:25 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





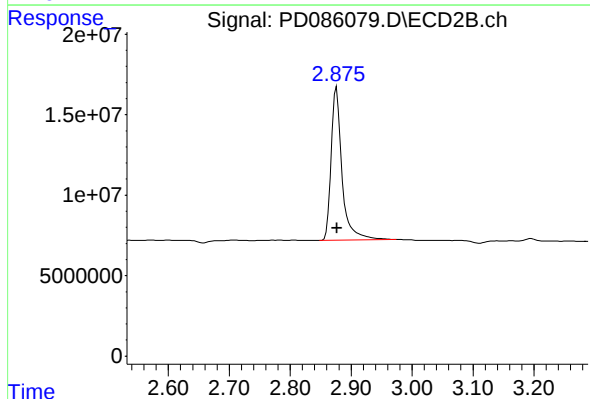
#1 Tetrachloro-m-xylene

R.T.: 3.451 min
Delta R.T.: 0.009 min
Response: 22142146
Conc: 18.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

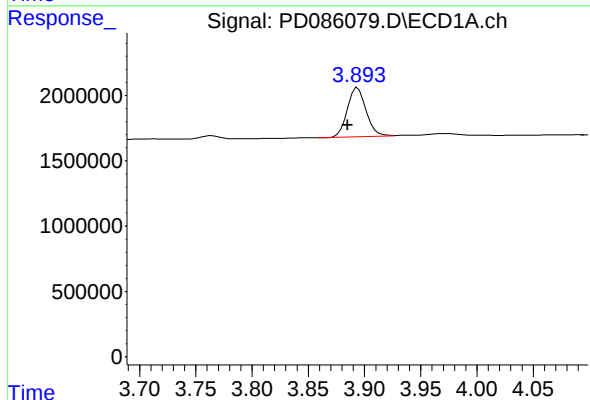
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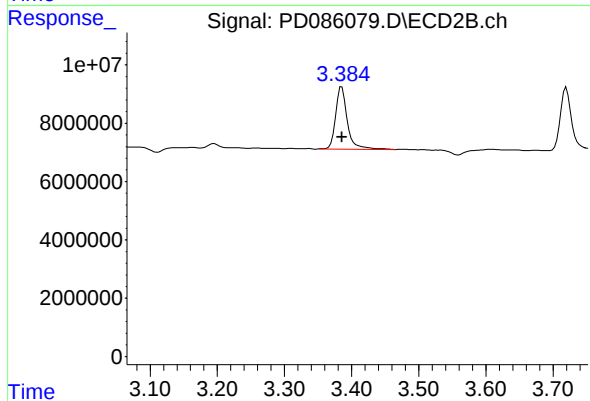
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 118340394
Conc: 18.96 ng/ml



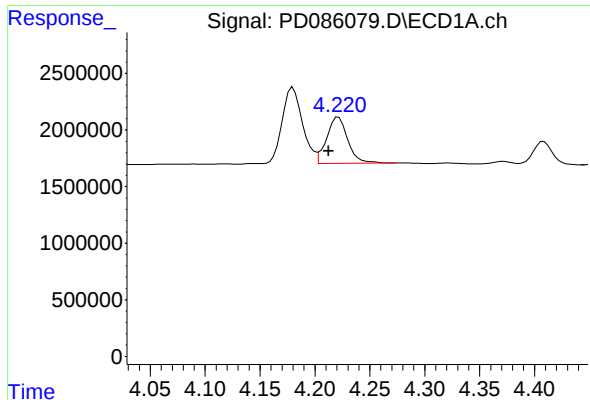
#2 alpha-BHC

R.T.: 3.894 min
Delta R.T.: 0.009 min
Response: 4372050
Conc: 2.02 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: 0.000 min
Response: 25898556
Conc: 2.83 ng/ml



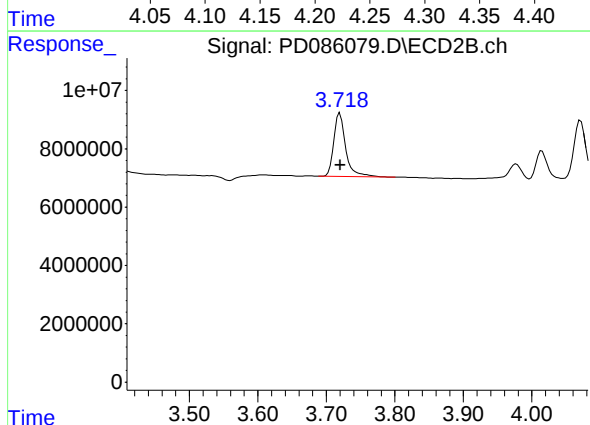
#3 gamma-BHC (Lindane)

R.T.: 4.221 min
Delta R.T.: 0.009 min
Response: 5446250
Conc: 2.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

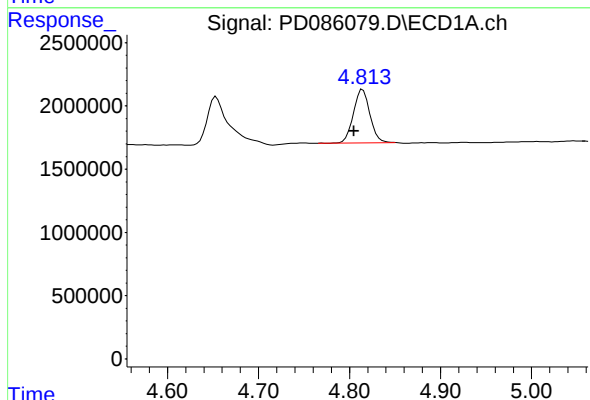
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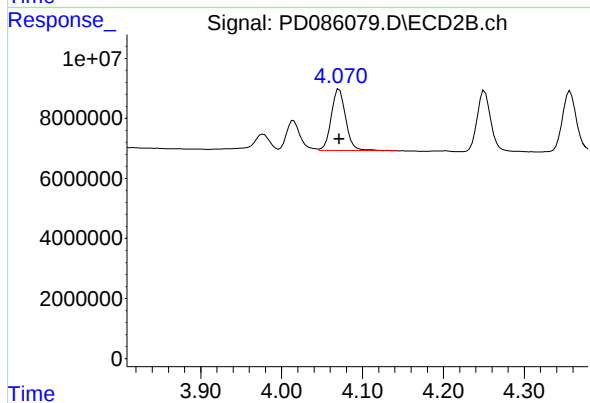
#3 gamma-BHC (Lindane)

R.T.: 3.720 min
Delta R.T.: 0.000 min
Response: 26148100
Conc: 3.05 ng/ml



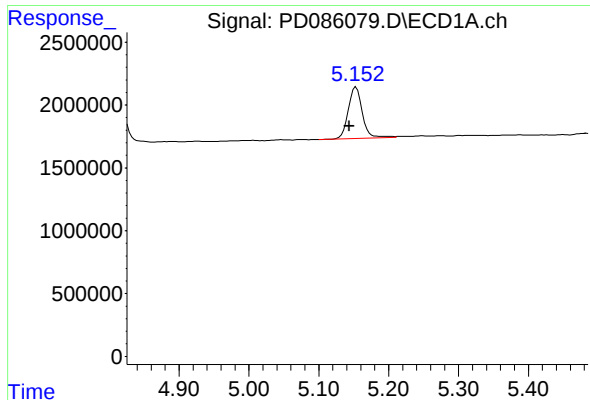
#4 Heptachlor

R.T.: 4.815 min
Delta R.T.: 0.010 min
Response: 5337309
Conc: 2.67 ng/ml



#4 Heptachlor

R.T.: 4.071 min
Delta R.T.: 0.000 min
Response: 25242439
Conc: 3.53 ng/ml



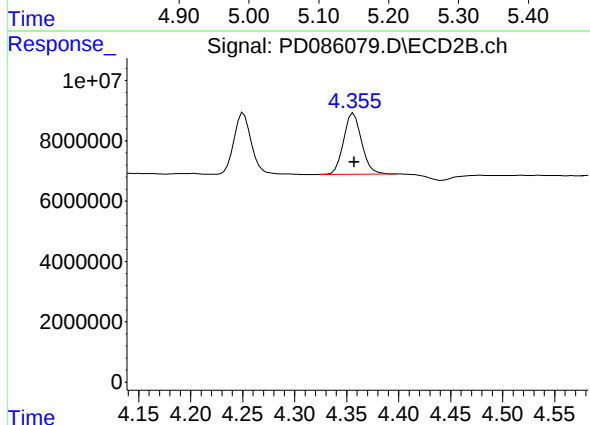
#5 Aldrin

R.T.: 5.153 min
Delta R.T.: 0.009 min
Response: 5729897
Conc: 2.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

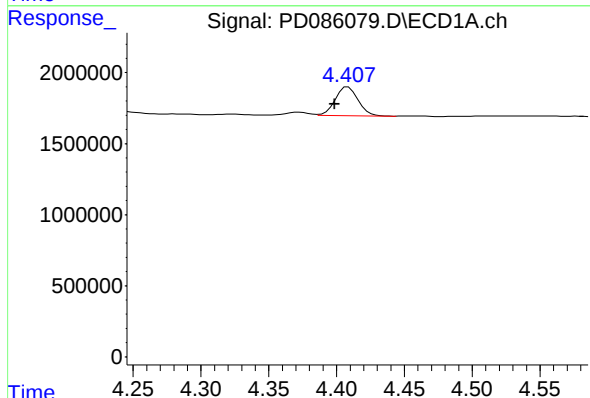
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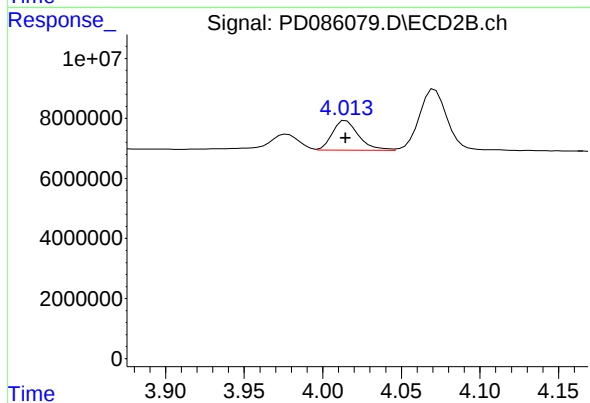
#5 Aldrin

R.T.: 4.355 min
Delta R.T.: -0.002 min
Response: 24373733
Conc: 2.83 ng/ml m



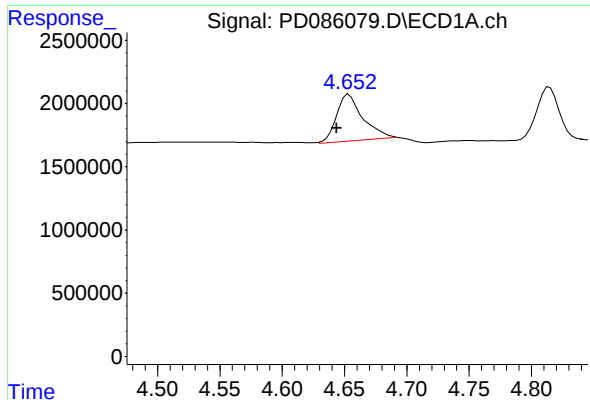
#6 beta-BHC

R.T.: 4.409 min
Delta R.T.: 0.010 min
Response: 2387533
Conc: 2.68 ng/ml



#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: 0.000 min
Response: 11373223
Conc: 3.08 ng/ml



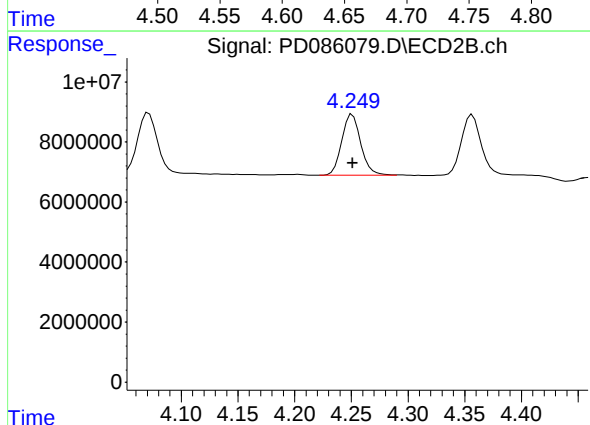
#7 delta-BHC

R.T.: 4.652 min
Delta R.T.: 0.008 min
Response: 5376979
Conc: 2.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

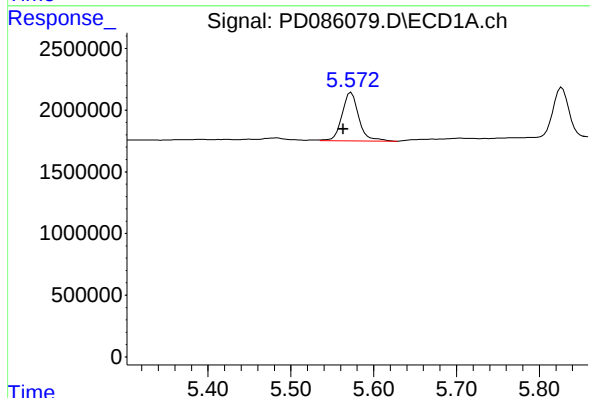
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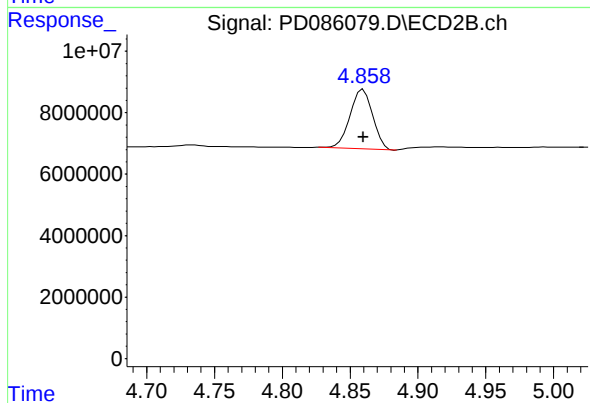
#7 delta-BHC

R.T.: 4.249 min
Delta R.T.: -0.002 min
Response: 23510994
Conc: 2.84 ng/ml m



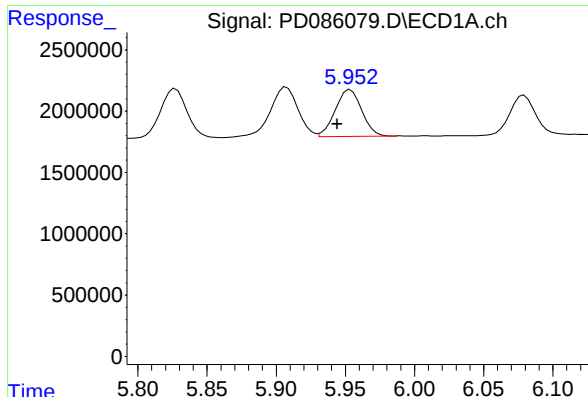
#8 Heptachlor epoxide

R.T.: 5.573 min
Delta R.T.: 0.010 min
Response: 5555354
Conc: 2.66 ng/ml



#8 Heptachlor epoxide

R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 22490512
Conc: 3.01 ng/ml



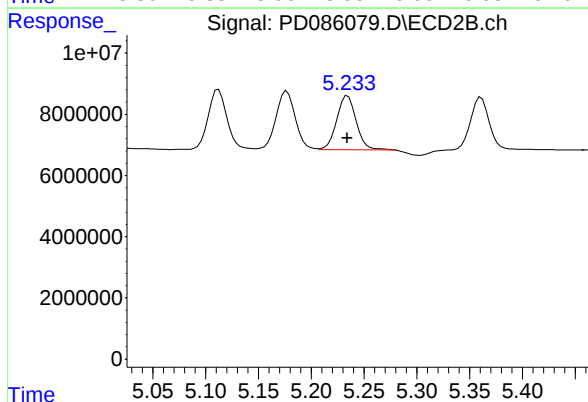
#9 Endosulfan I

R.T.: 5.954 min
Delta R.T.: 0.009 min
Response: 5070195
Conc: 2.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

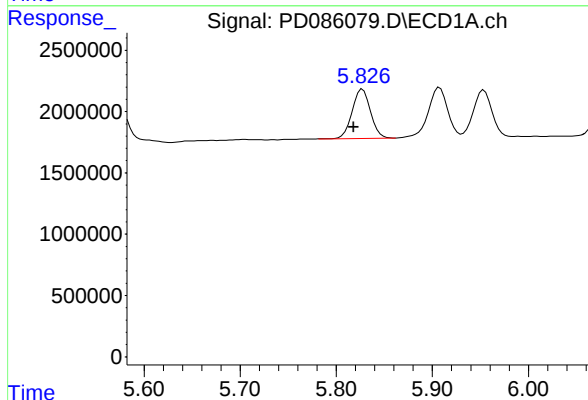
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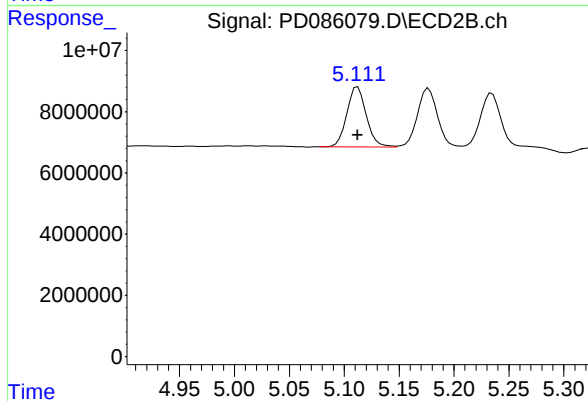
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: 0.000 min
Response: 22882852
Conc: 3.34 ng/ml



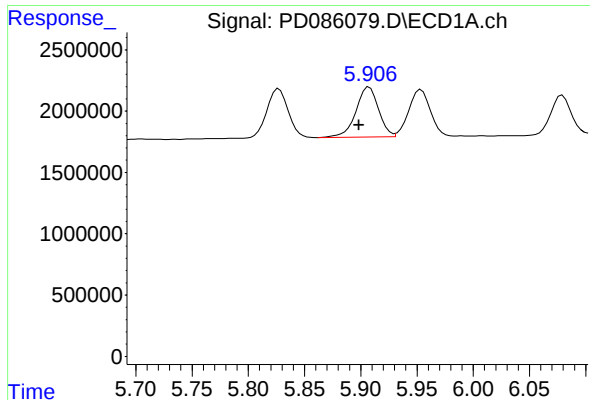
#10 gamma-Chlordane

R.T.: 5.827 min
Delta R.T.: 0.009 min
Response: 5306213
Conc: 2.63 ng/ml



#10 gamma-Chlordane

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 24111820
Conc: 3.19 ng/ml



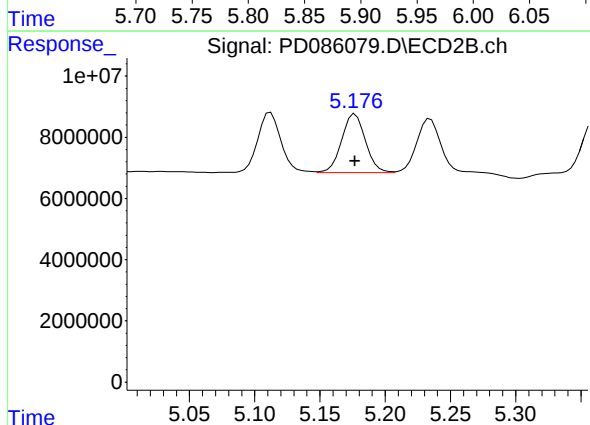
#11 alpha-Chlordane

R.T.: 5.907 min
Delta R.T.: 0.009 min
Response: 5684978
Conc: 2.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

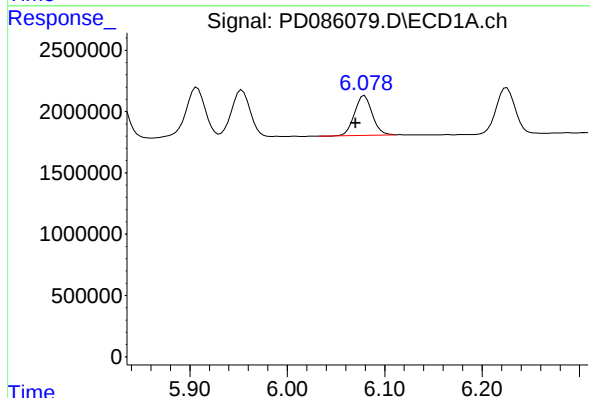
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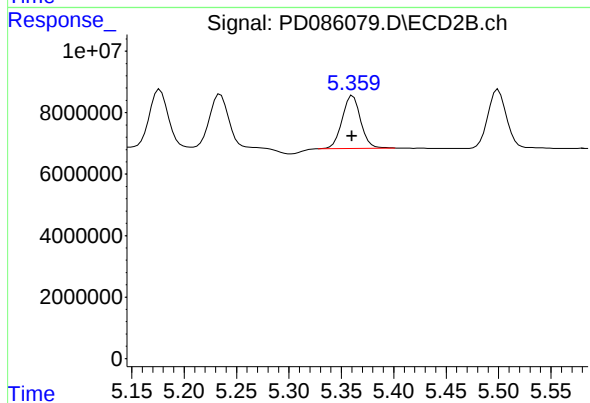
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 24370580
Conc: 3.24 ng/ml



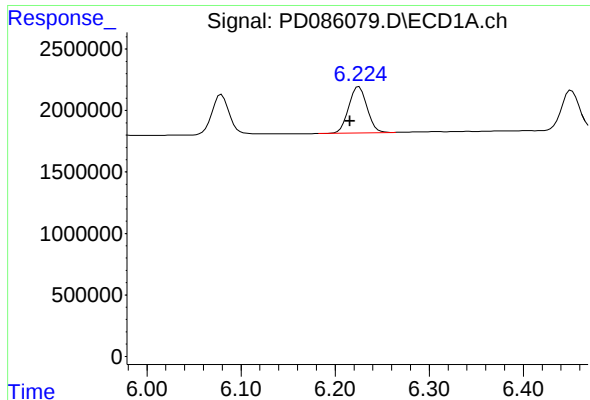
#12 4,4'-DDE

R.T.: 6.079 min
Delta R.T.: 0.009 min
Response: 4086889
Conc: 2.36 ng/ml



#12 4,4'-DDE

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 21104921
Conc: 3.11 ng/ml



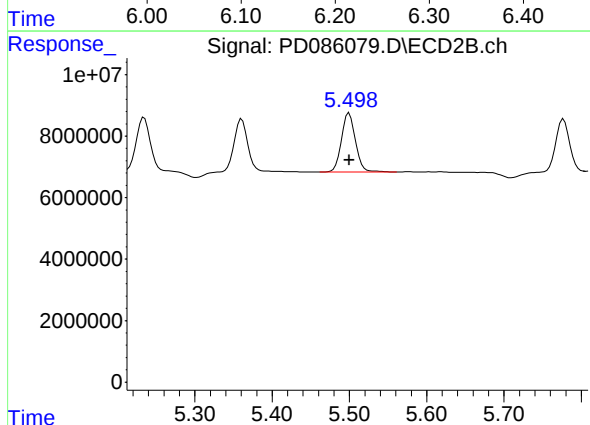
#13 Dieldrin

R.T.: 6.225 min
Delta R.T.: 0.009 min
Response: 5090815
Conc: 2.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

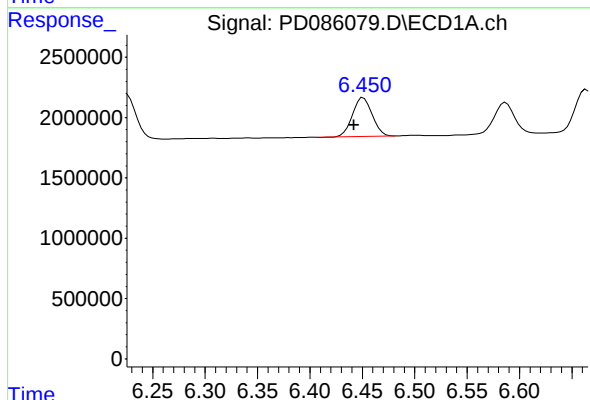
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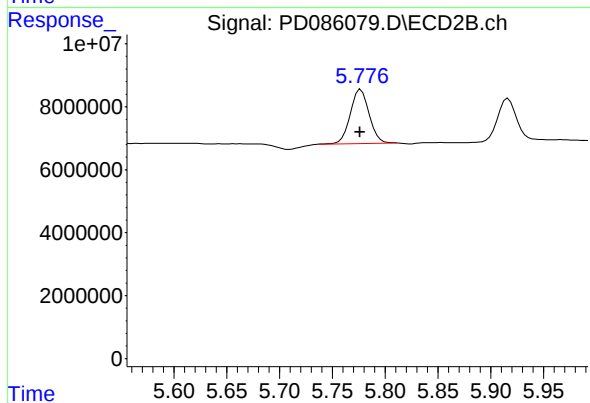
#13 Dieldrin

R.T.: 5.500 min
Delta R.T.: 0.000 min
Response: 24110365
Conc: 3.19 ng/ml



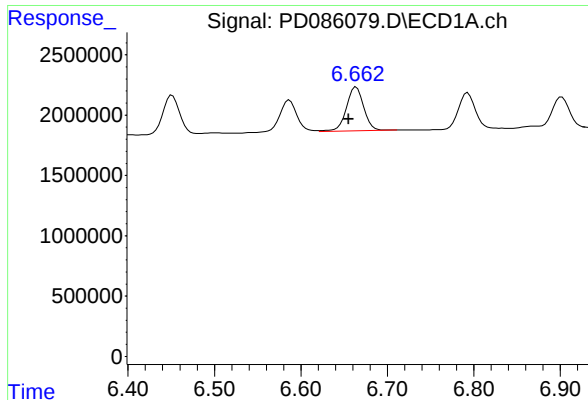
#14 Endrin

R.T.: 6.451 min
Delta R.T.: 0.009 min
Response: 4267698
Conc: 2.51 ng/ml



#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 21336180
Conc: 3.43 ng/ml



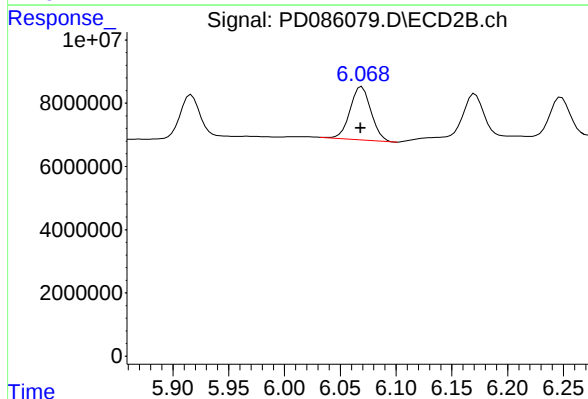
#15 Endosulfan II

R.T.: 6.664 min
Delta R.T.: 0.009 min
Response: 5035360
Conc: 2.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

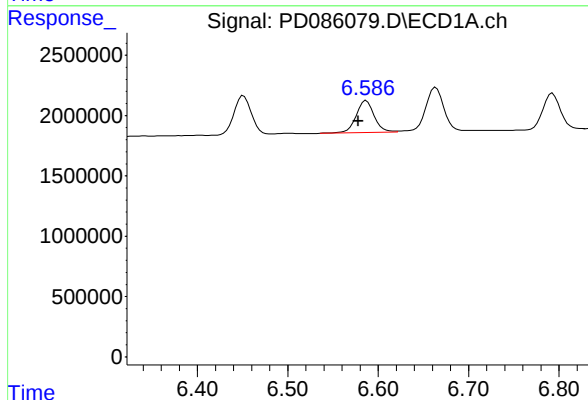
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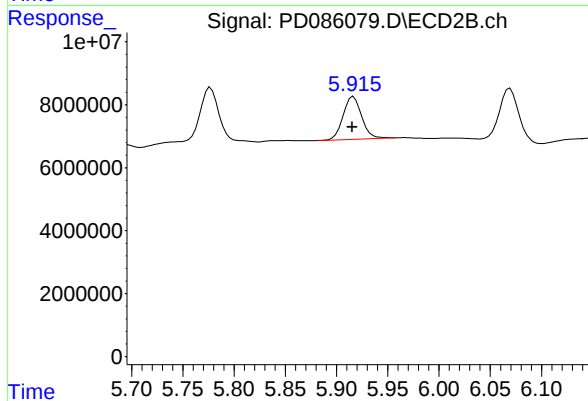
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: 0.001 min
Response: 21995004
Conc: 3.47 ng/ml



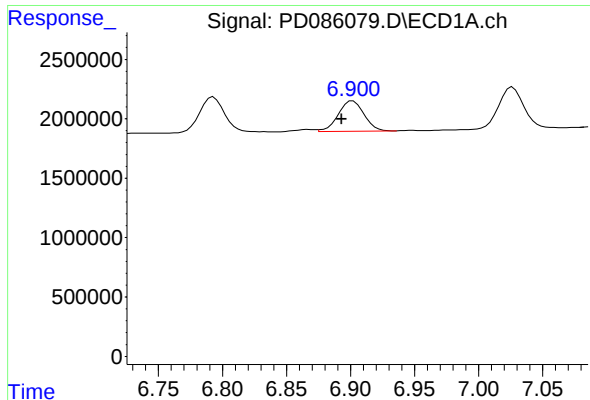
#16 4,4'-DDD

R.T.: 6.587 min
Delta R.T.: 0.009 min
Response: 3667462
Conc: 2.68 ng/ml



#16 4,4'-DDD

R.T.: 5.917 min
Delta R.T.: 0.001 min
Response: 16987553
Conc: 3.27 ng/ml



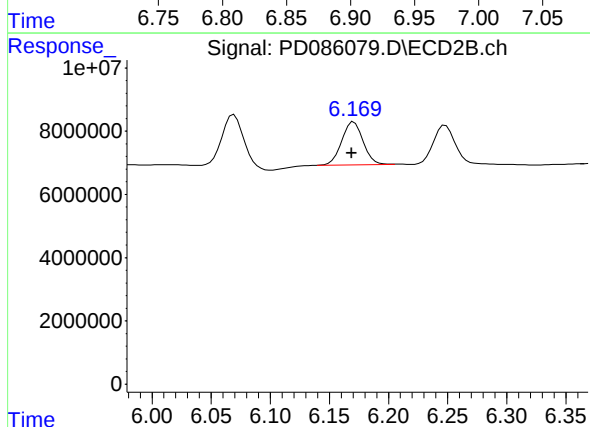
#17 4,4'-DDT

R.T.: 6.902 min
Delta R.T.: 0.008 min
Response: 3593590
Conc: 2.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

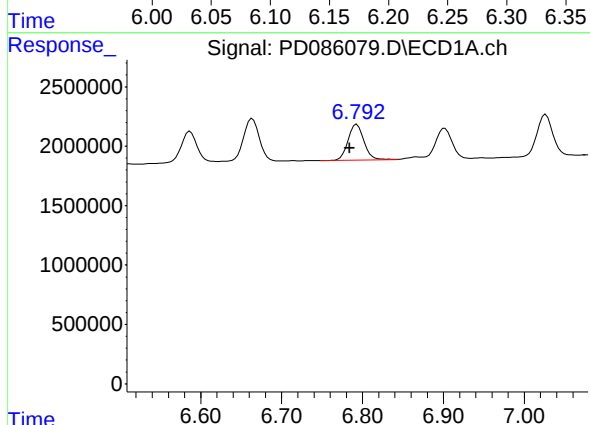
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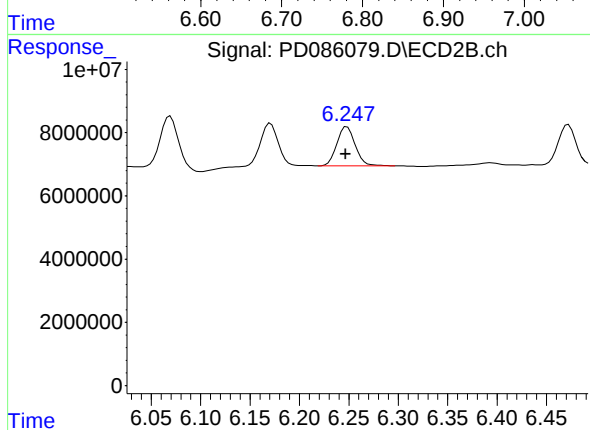
#17 4,4'-DDT

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 17097706
Conc: 3.24 ng/ml m



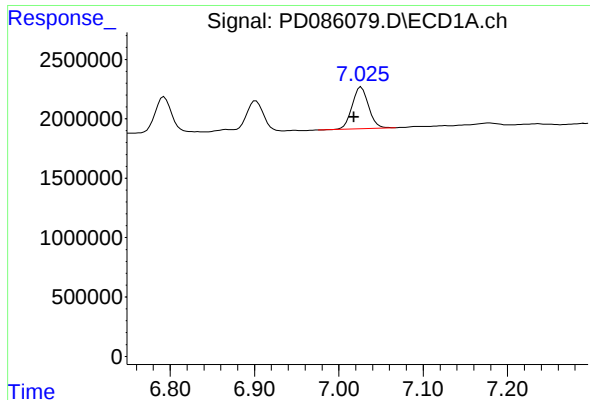
#18 Endrin aldehyde

R.T.: 6.793 min
Delta R.T.: 0.009 min
Response: 4125101
Conc: 2.73 ng/ml



#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: 0.000 min
Response: 16091964
Conc: 3.07 ng/ml m



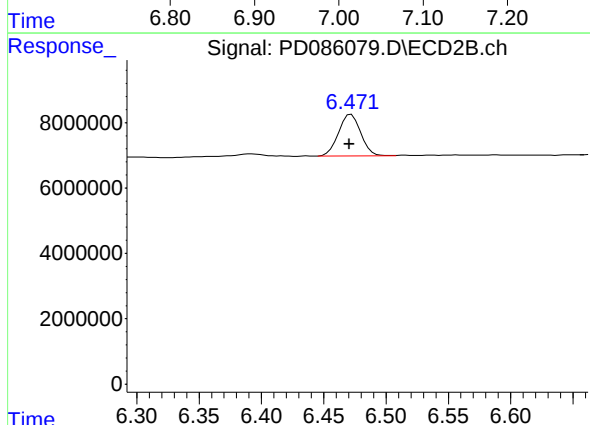
#19 Endosulfan Sulfate

R.T.: 7.026 min
Delta R.T.: 0.009 min
Response: 4768911
Conc: 2.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

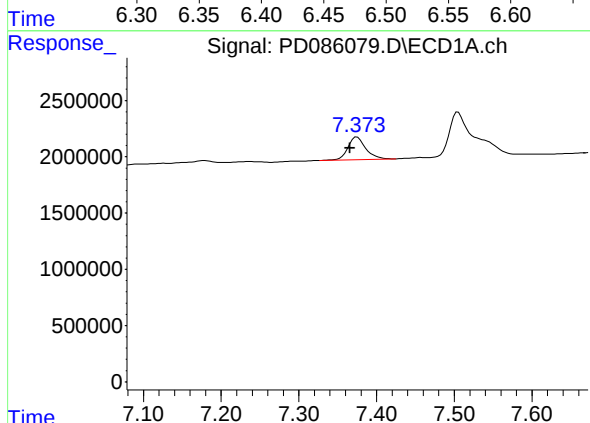
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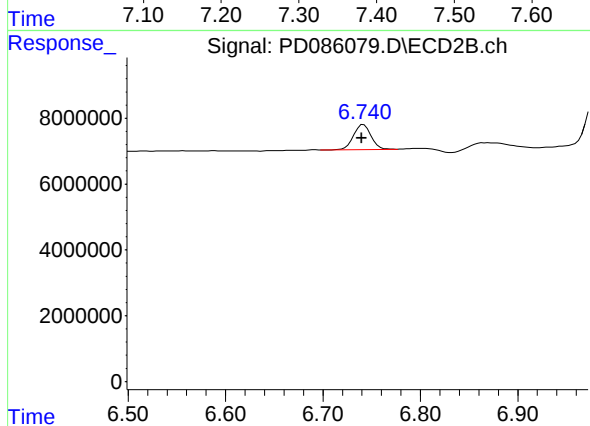
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: 0.002 min
Response: 15734206
Conc: 2.80 ng/ml



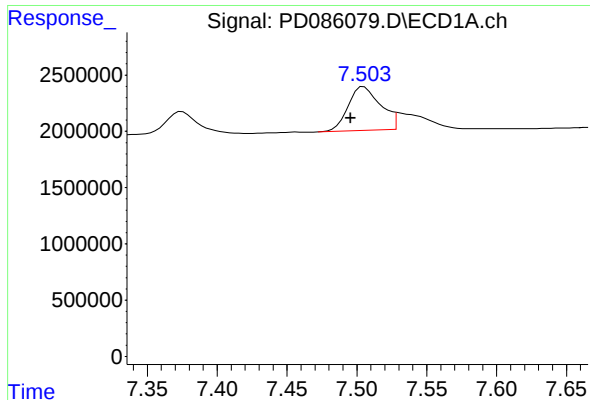
#20 Methoxychlor

R.T.: 7.375 min
Delta R.T.: 0.009 min
Response: 3230119
Conc: 3.58 ng/ml



#20 Methoxychlor

R.T.: 6.742 min
Delta R.T.: 0.002 min
Response: 9372111
Conc: 3.51 ng/ml



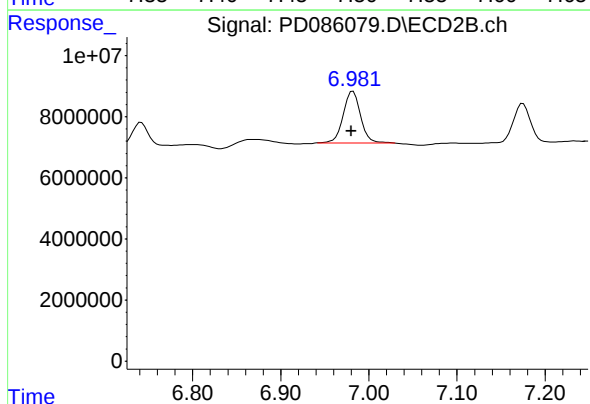
#21 Endrin ketone

R.T.: 7.503 min
Delta R.T.: 0.008 min
Response: 6206426
Conc: 3.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

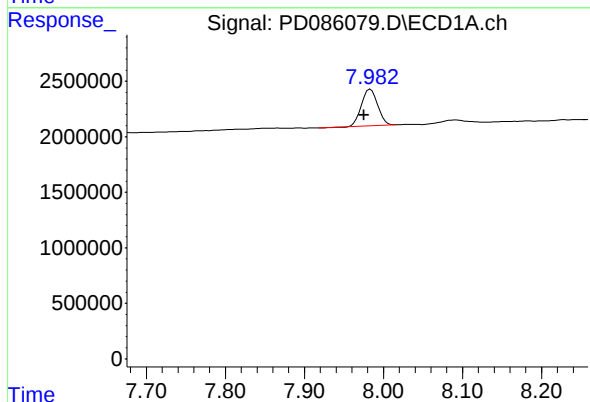
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/17/2024
Supervised By :Ankita Jodhani 10/17/2024



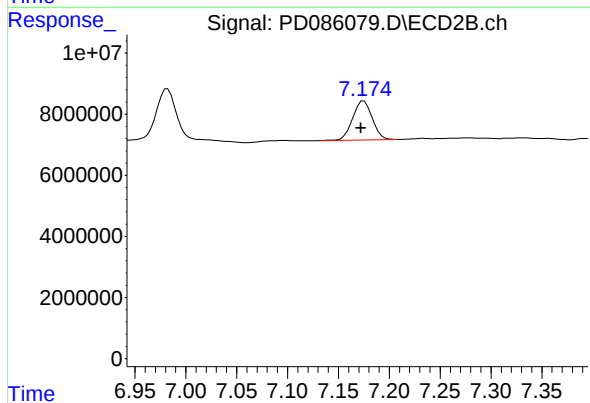
#21 Endrin ketone

R.T.: 6.982 min
Delta R.T.: 0.002 min
Response: 23228991
Conc: 3.36 ng/ml



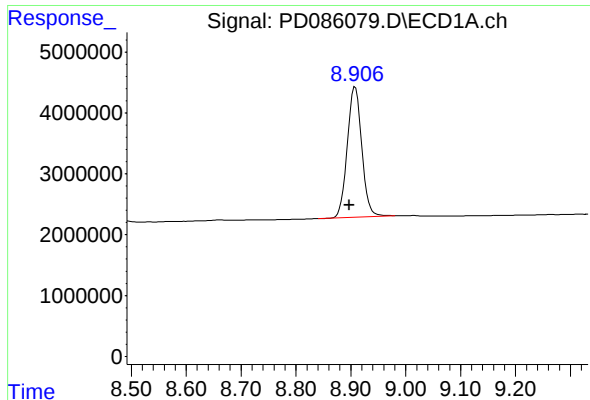
#22 Mirex

R.T.: 7.983 min
Delta R.T.: 0.008 min
Response: 4708436
Conc: 2.78 ng/ml



#22 Mirex

R.T.: 7.175 min
Delta R.T.: 0.003 min
Response: 17059821
Conc: 2.91 ng/ml



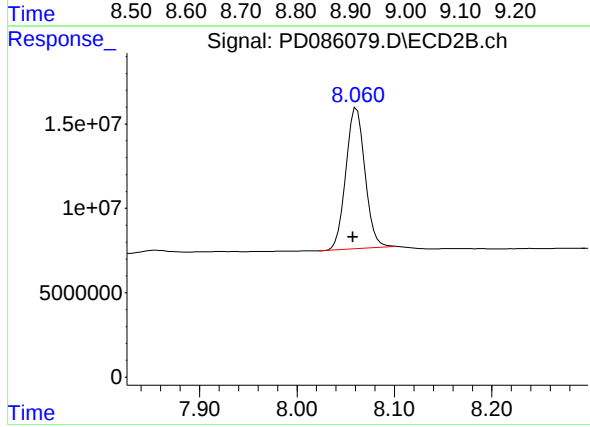
#28 Decachlorobiphenyl

R.T.: 8.908 min
Delta R.T.: 0.011 min
Response: 39498215
Conc: 18.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: 0.004 min
Response: 113978953
Conc: 21.40 ng/ml