

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101624\
 Data File : PD086081.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2024 12:37
 Operator : AR\AJ
 Sample : P4368-08
 Misc : PEST LOQ 5PPB WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-WATER-02-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 17 06:58:23 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...	3.446	2.876	22378889	121.1E6	18.433	19.403
28)	SA Decachlor...	8.903	8.059	40323866	117.9E6	18.673	22.125
Target Compounds							
2)	A alpha-BHC	3.889	3.386	9033615	49113435	4.172	5.375 #
3)	MA gamma-BHC...	4.216	3.720	10591087	48218850	4.770	5.622
4)	MA Heptachlor	4.810	4.072	10290680	47844084	5.150	6.698 #
5)	MB Aldrin	5.148	4.356	10341512	45697111	4.537	5.301m
6)	B beta-BHC	4.404	4.015	4862665	25660223	5.462	6.954 #
7)	B delta-BHC	4.647	4.250	10504781	44535518	5.234m	5.381m
8)	B Heptachlo...	5.565	4.860	11076498	43448908	5.312m	5.806
9)	A Endosulfan I	5.949	5.234	9886378	36694329	5.084	5.356
10)	B gamma-Chl...	5.822	5.112	10129707	45374210	5.030	6.002
11)	B alpha-Chl...	5.902	5.176	10787476	45165514	5.283	6.000
12)	B 4,4'-DDE	6.074	5.360	7840672	39924709	4.526	5.877 #
13)	MA Dieldrin	6.221	5.500	9855821	44777987	4.805	5.916
14)	MA Endrin	6.446	5.777	8283443	43021140	4.863	6.916 #
15)	B Endosulfa...	6.658	6.069	9253139	39345877	5.058m	6.211
16)	A 4,4'-DDD	6.580	5.916	6633830	32329042	4.850m	6.232 #
17)	MA 4,4'-DDT	6.898	6.168	7153535	33694597	4.809	6.382m#
18)	B Endrin al...	6.788	6.246	7729743	30112847	5.112	5.743m
19)	B Endosulfa...	7.022	6.471	9182280	32631714	5.285	5.807
20)	A Methoxychlor	7.371	6.740	4729676	18426453	5.249	6.893 #
21)	B Endrin ke...	7.499	6.981	8716461	41451931	4.531	5.993 #
22)	Mirex	7.980	7.173	9739532	35207012	5.758	6.011

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101624\
Data File : PD086081.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 12:37
Operator : AR\AJ
Sample : P4368-08
Misc : PEST LOQ 5PPB WATER
ALS Vial : 12 Sample Multiplier: 1

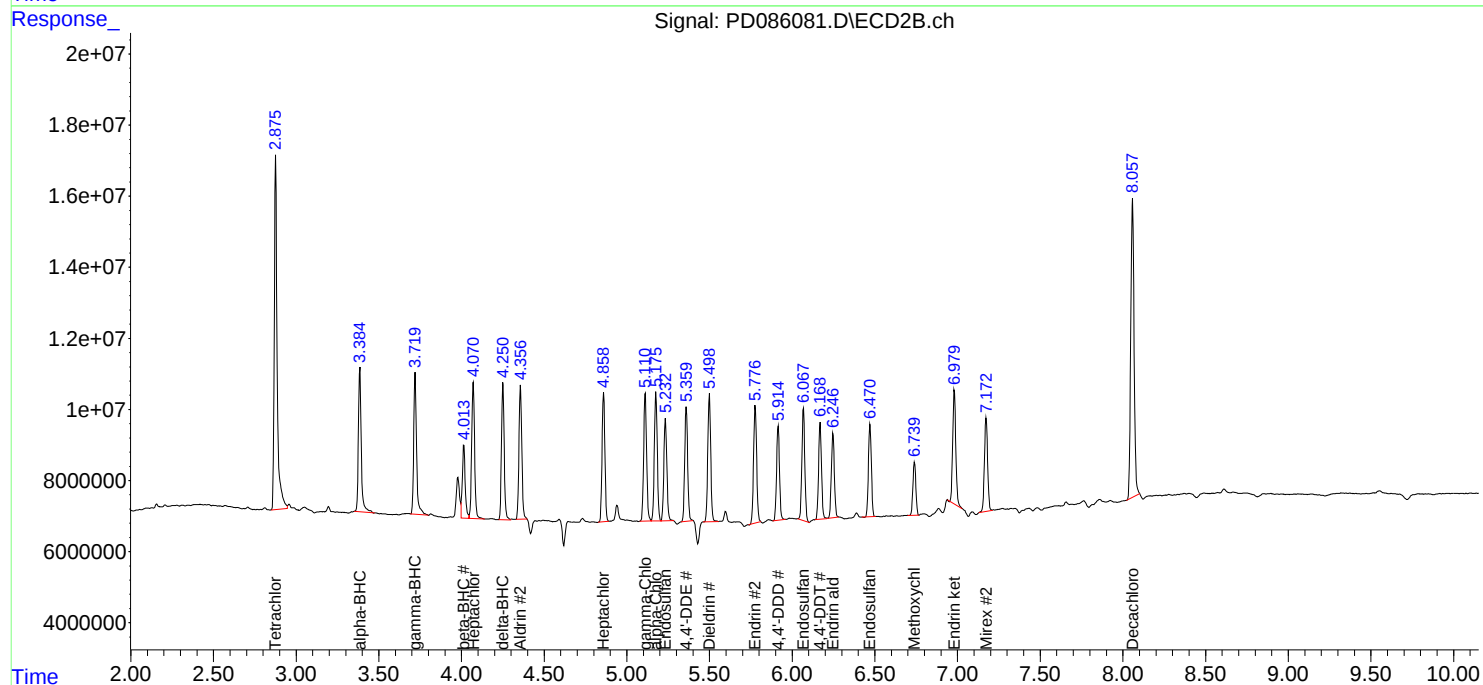
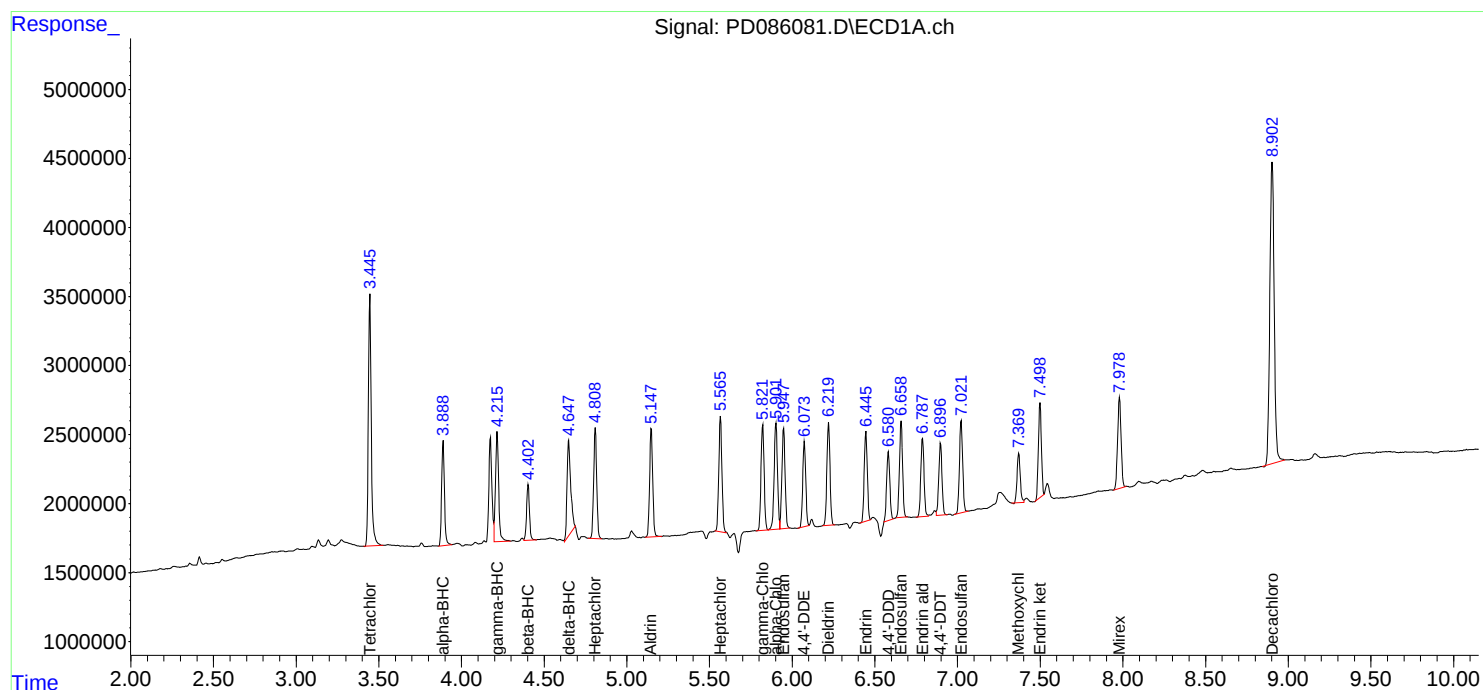
Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024

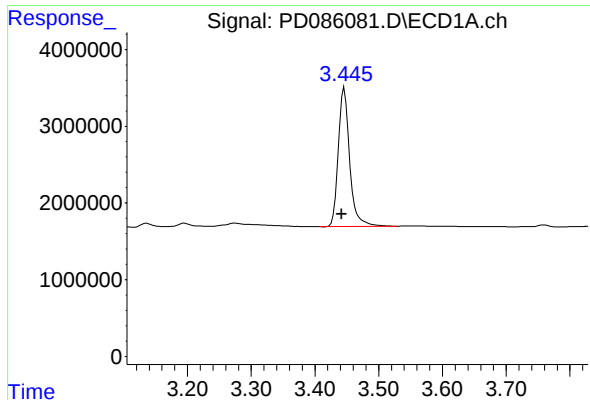
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 06:58:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101124.M
Quant Title : GC Extractables
QLast Update : Fri Oct 11 13:57:25 2024
Response via : Initial Calibration
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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





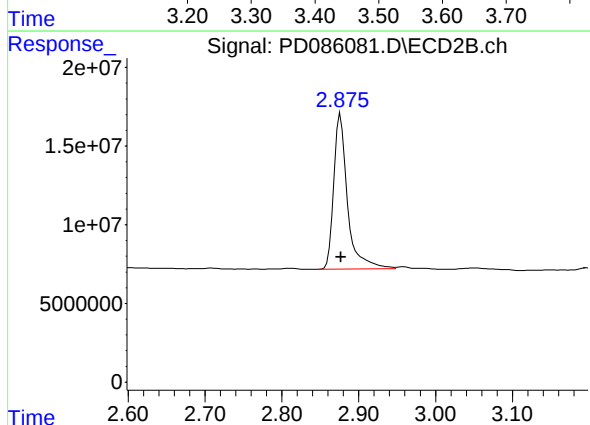
#1 Tetrachloro-m-xylene

R.T.: 3.446 min
Delta R.T.: 0.004 min
Response: 22378889
Conc: 18.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024

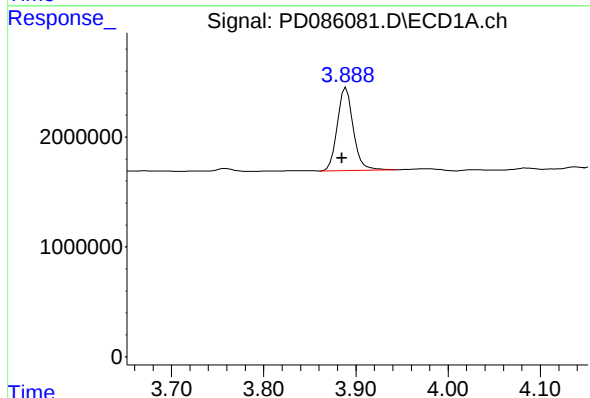
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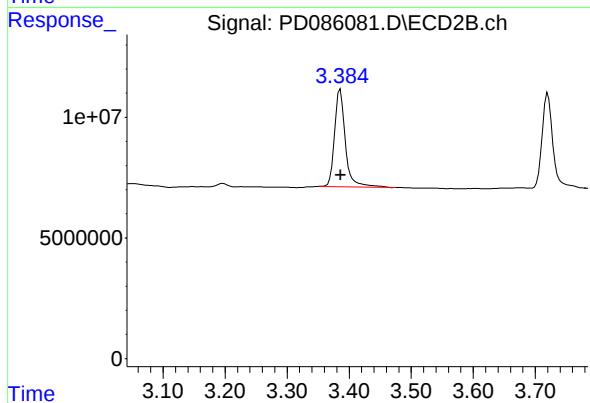
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 121131228
Conc: 19.40 ng/ml



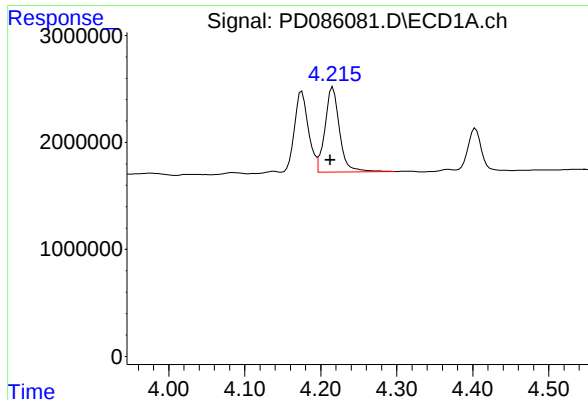
#2 alpha-BHC

R.T.: 3.889 min
Delta R.T.: 0.005 min
Response: 9033615
Conc: 4.17 ng/ml



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 49113435
Conc: 5.38 ng/ml



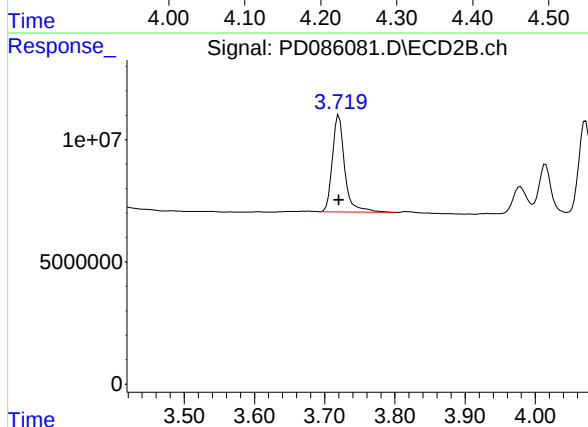
#3 gamma-BHC (Lindane)

R.T.: 4.216 min
Delta R.T.: 0.004 min
Response: 10591087
Conc: 4.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024

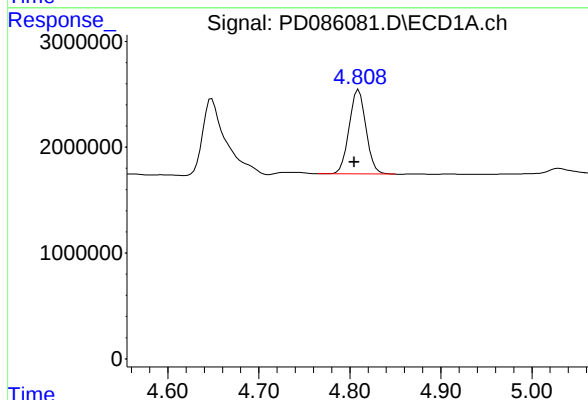
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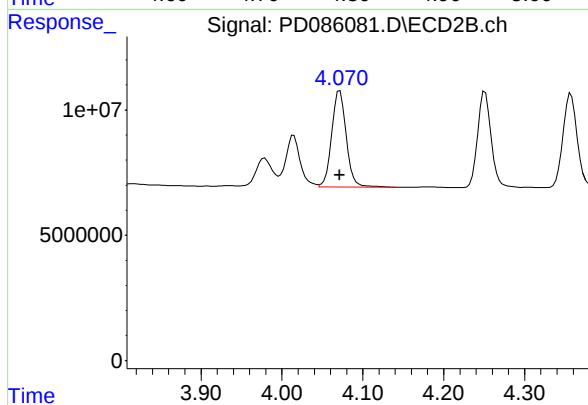
#3 gamma-BHC (Lindane)

R.T.: 3.720 min
Delta R.T.: 0.000 min
Response: 48218850
Conc: 5.62 ng/ml



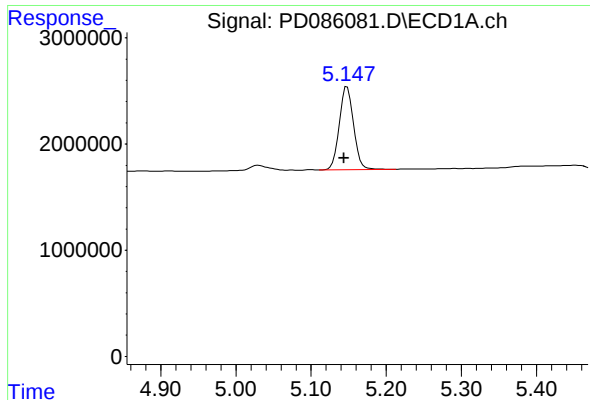
#4 Heptachlor

R.T.: 4.810 min
Delta R.T.: 0.005 min
Response: 10290680
Conc: 5.15 ng/ml



#4 Heptachlor

R.T.: 4.072 min
Delta R.T.: 0.000 min
Response: 47844084
Conc: 6.70 ng/ml



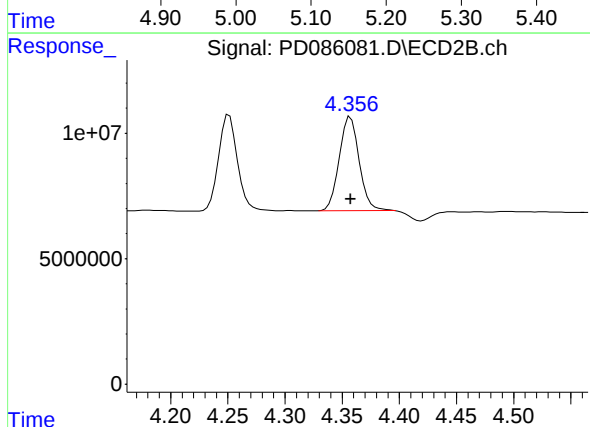
#5 Aldrin

R.T.: 5.148 min
Delta R.T.: 0.004 min
Response: 10341512
Conc: 4.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024

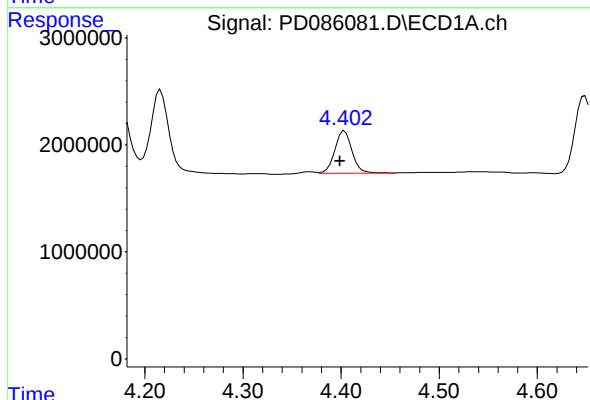
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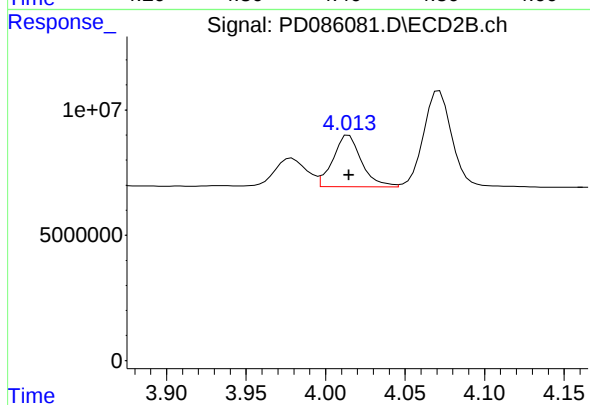
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 45697111
Conc: 5.30 ng/ml



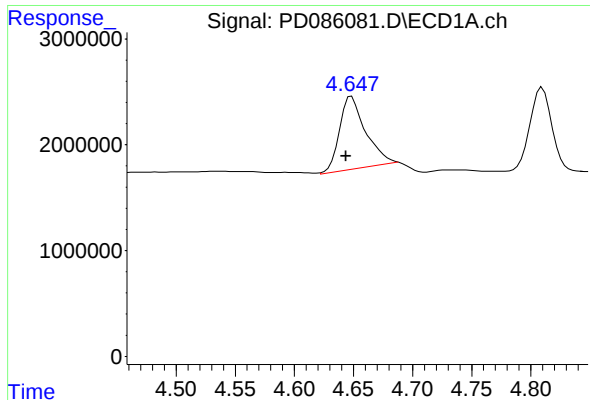
#6 beta-BHC

R.T.: 4.404 min
Delta R.T.: 0.005 min
Response: 4862665
Conc: 5.46 ng/ml



#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: 0.000 min
Response: 25660223
Conc: 6.95 ng/ml



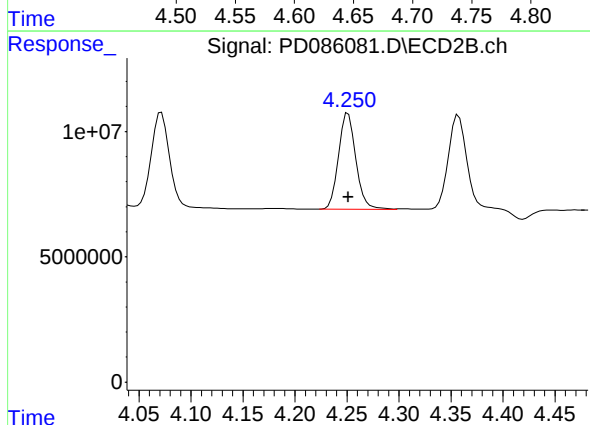
#7 delta-BHC

R.T.: 4.647 min
Delta R.T.: 0.003 min
Response: 10504781
Conc: 5.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024

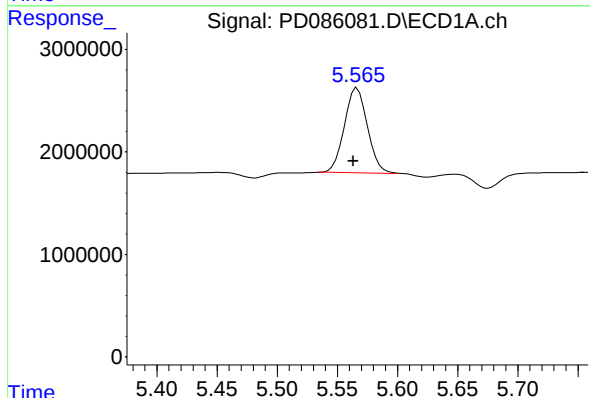
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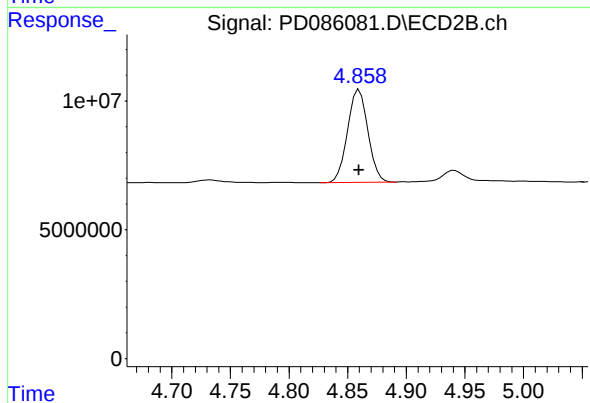
#7 delta-BHC

R.T.: 4.250 min
Delta R.T.: -0.001 min
Response: 44535518
Conc: 5.38 ng/ml m



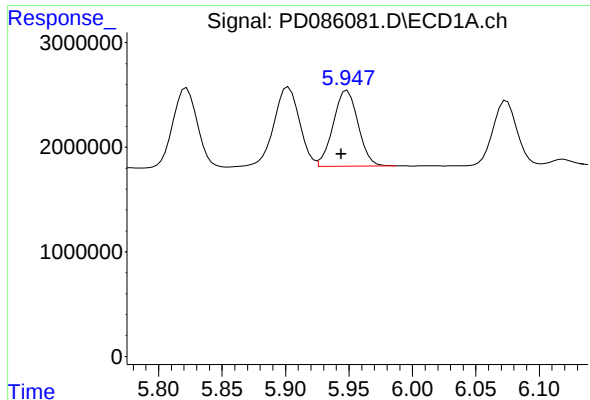
#8 Heptachlor epoxide

R.T.: 5.565 min
Delta R.T.: 0.002 min
Response: 11076498
Conc: 5.31 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 43448908
Conc: 5.81 ng/ml



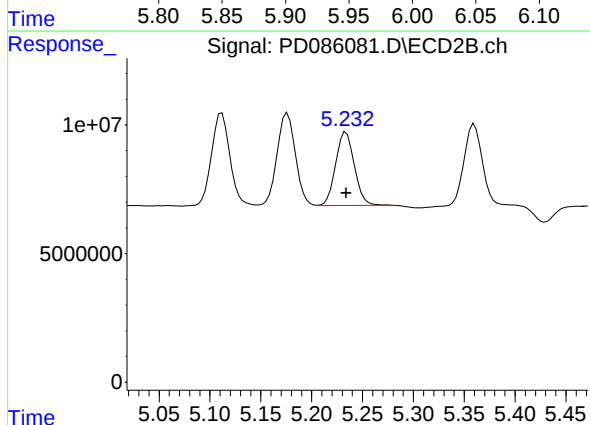
#9 Endosulfan I

R.T.: 5.949 min
Delta R.T.: 0.005 min
Response: 9886378
Conc: 5.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024

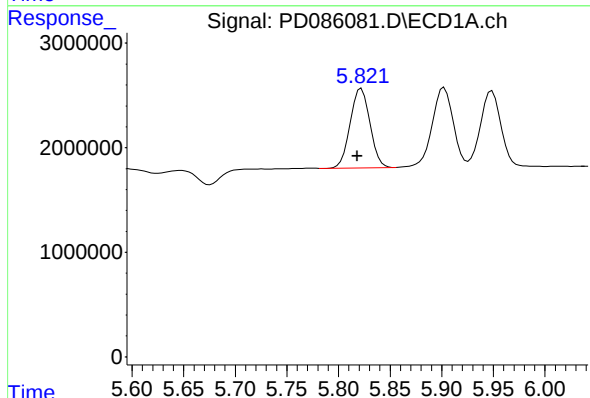
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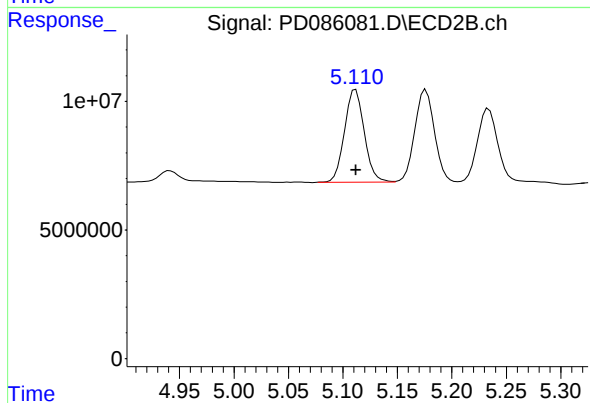
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: 0.000 min
Response: 36694329
Conc: 5.36 ng/ml



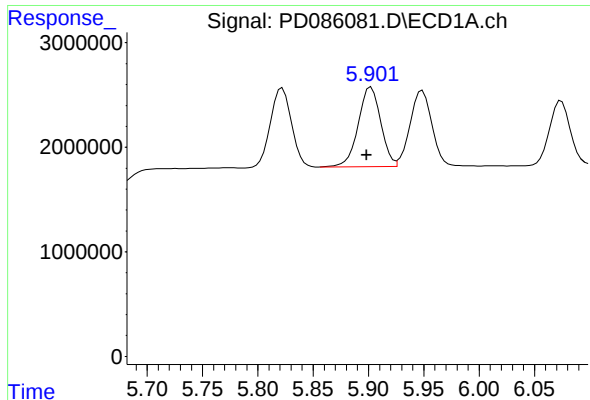
#10 gamma-Chlordane

R.T.: 5.822 min
Delta R.T.: 0.004 min
Response: 10129707
Conc: 5.03 ng/ml



#10 gamma-Chlordane

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 45374210
Conc: 6.00 ng/ml



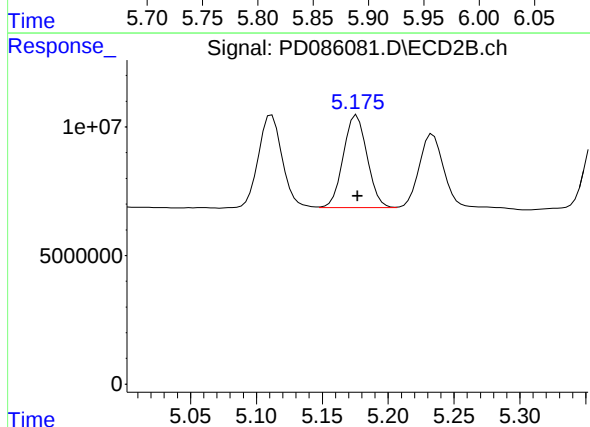
#11 alpha-Chlordane

R.T.: 5.902 min
Delta R.T.: 0.004 min
Response: 10787476
Conc: 5.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
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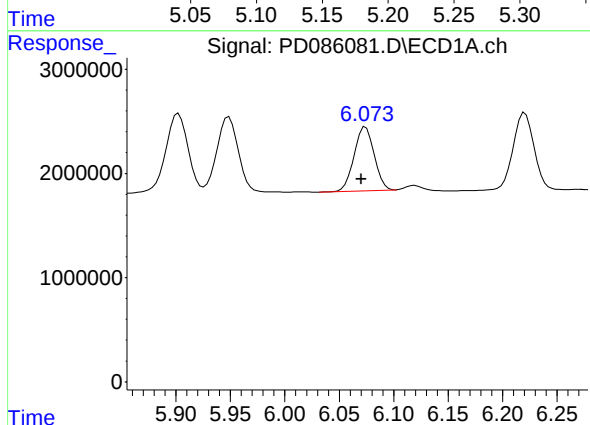
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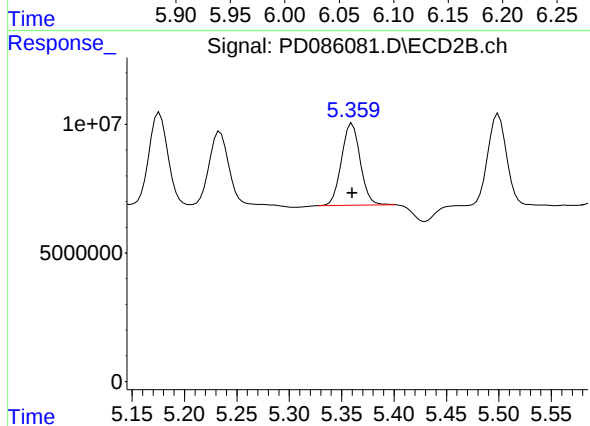
#11 alpha-Chlordane

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 45165514
Conc: 6.00 ng/ml



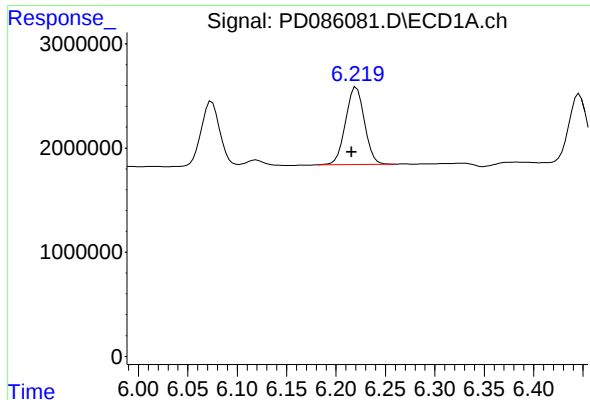
#12 4,4'-DDE

R.T.: 6.074 min
Delta R.T.: 0.004 min
Response: 7840672
Conc: 4.53 ng/ml



#12 4,4'-DDE

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 39924709
Conc: 5.88 ng/ml



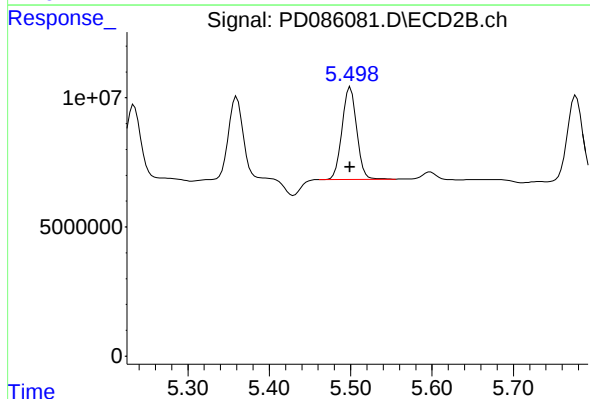
#13 Dieldrin

R.T.: 6.221 min
Delta R.T.: 0.005 min
Response: 9855821
Conc: 4.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
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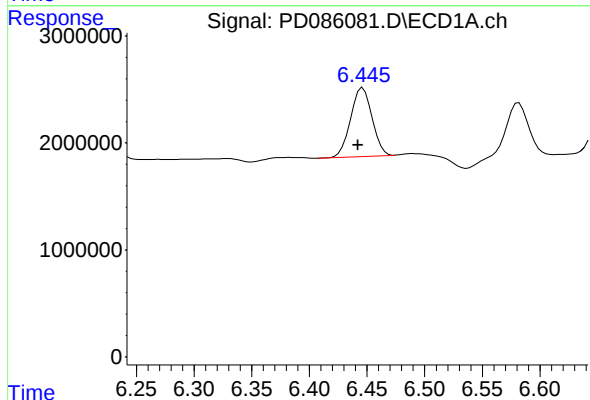
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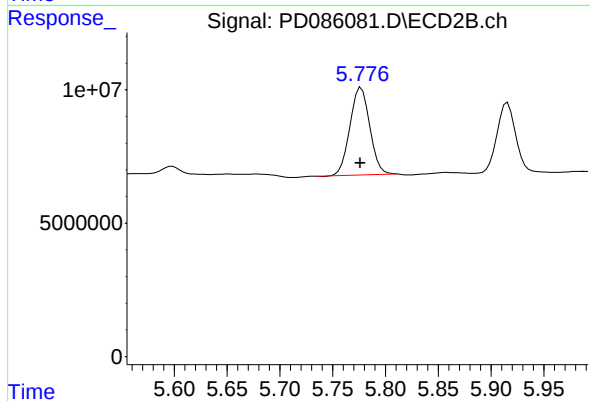
#13 Dieldrin

R.T.: 5.500 min
Delta R.T.: 0.000 min
Response: 44777987
Conc: 5.92 ng/ml



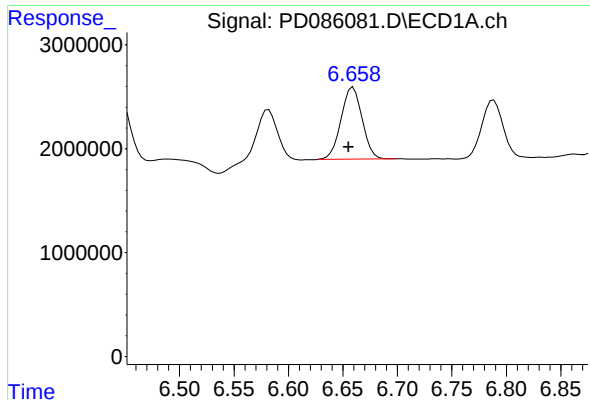
#14 Endrin

R.T.: 6.446 min
Delta R.T.: 0.004 min
Response: 8283443
Conc: 4.86 ng/ml



#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 43021140
Conc: 6.92 ng/ml



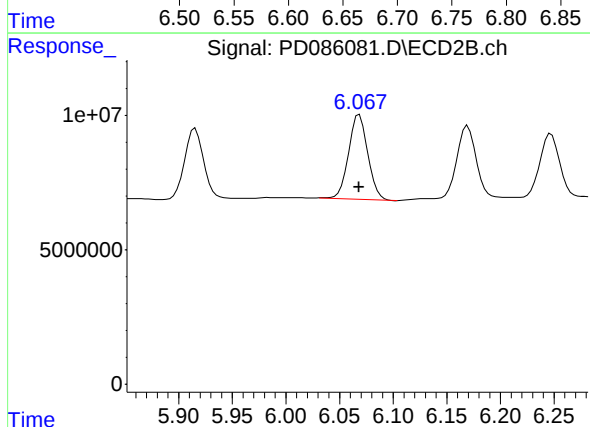
#15 Endosulfan II

R.T.: 6.658 min
Delta R.T.: 0.003 min
Response: 9253139
Conc: 5.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
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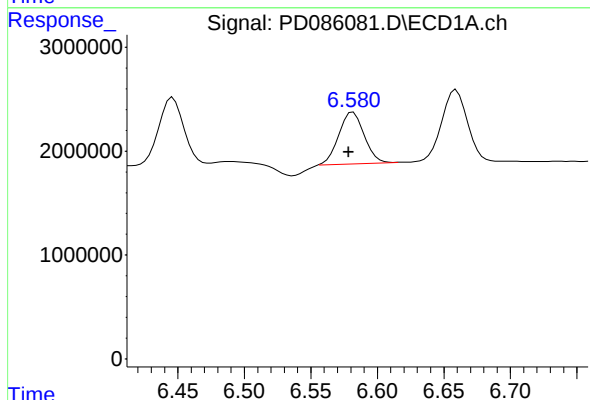
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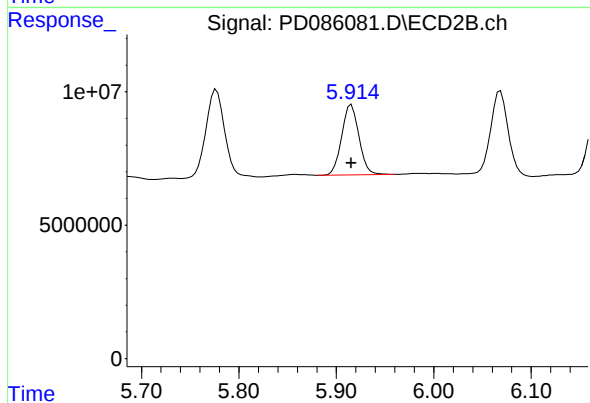
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 39345877
Conc: 6.21 ng/ml



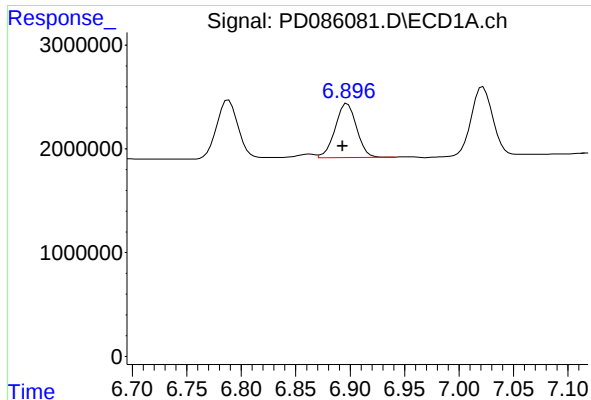
#16 4,4'-DDD

R.T.: 6.580 min
Delta R.T.: 0.002 min
Response: 6633830
Conc: 4.85 ng/ml m



#16 4,4'-DDD

R.T.: 5.916 min
Delta R.T.: 0.000 min
Response: 32329042
Conc: 6.23 ng/ml



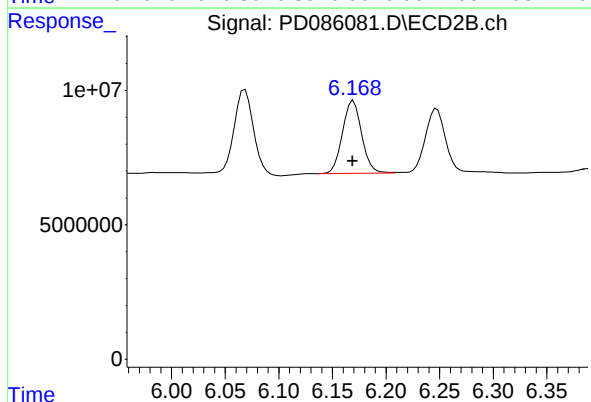
#17 4,4'-DDT

R.T.: 6.898 min
Delta R.T.: 0.004 min
Response: 7153535
Conc: 4.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024

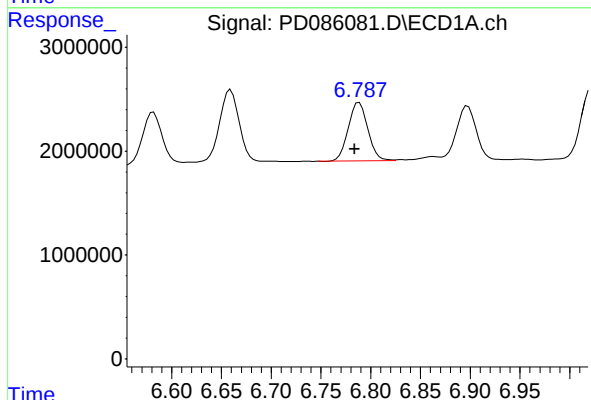
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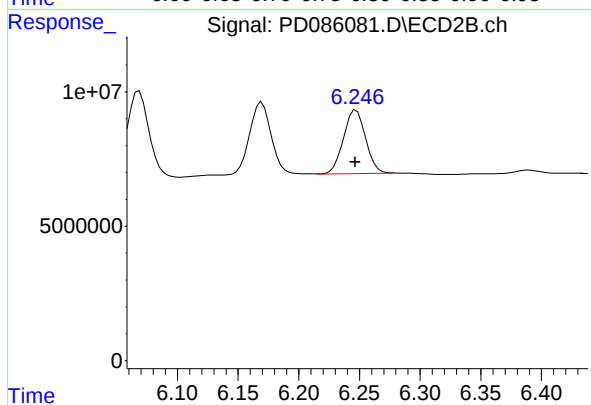
#17 4,4'-DDT

R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 33694597
Conc: 6.38 ng/ml m



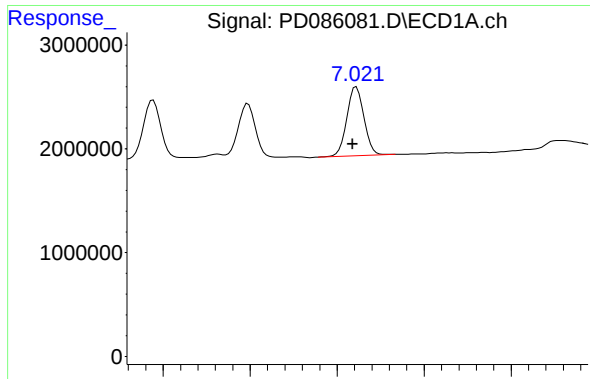
#18 Endrin aldehyde

R.T.: 6.788 min
Delta R.T.: 0.005 min
Response: 7729743
Conc: 5.11 ng/ml



#18 Endrin aldehyde

R.T.: 6.246 min
Delta R.T.: 0.000 min
Response: 30112847
Conc: 5.74 ng/ml m



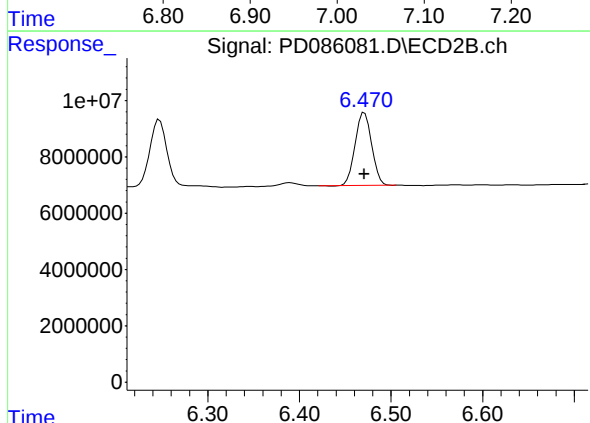
#19 Endosulfan Sulfate

R.T.: 7.022 min
Delta R.T.: 0.004 min
Response: 9182280
Conc: 5.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
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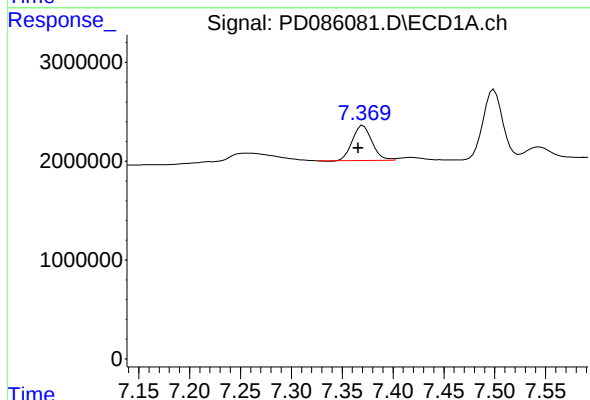
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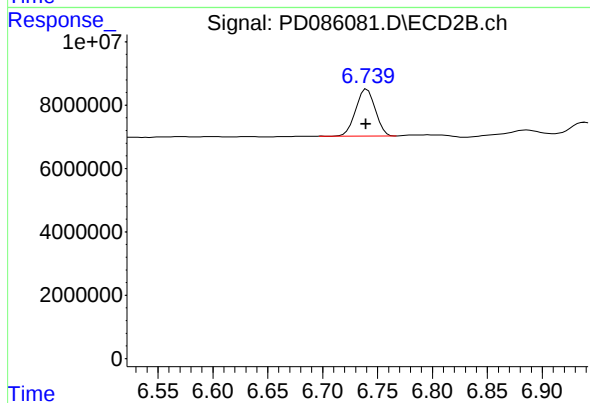
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 32631714
Conc: 5.81 ng/ml



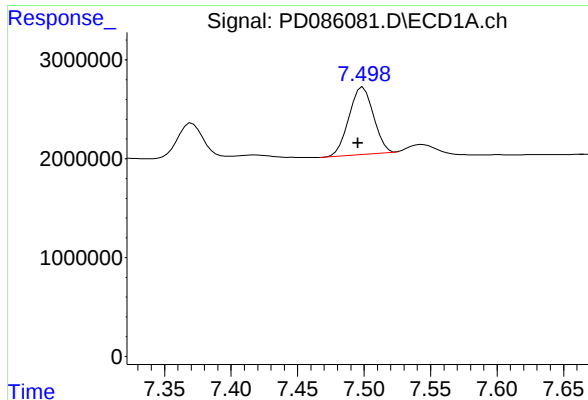
#20 Methoxychlor

R.T.: 7.371 min
Delta R.T.: 0.005 min
Response: 4729676
Conc: 5.25 ng/ml



#20 Methoxychlor

R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 18426453
Conc: 6.89 ng/ml



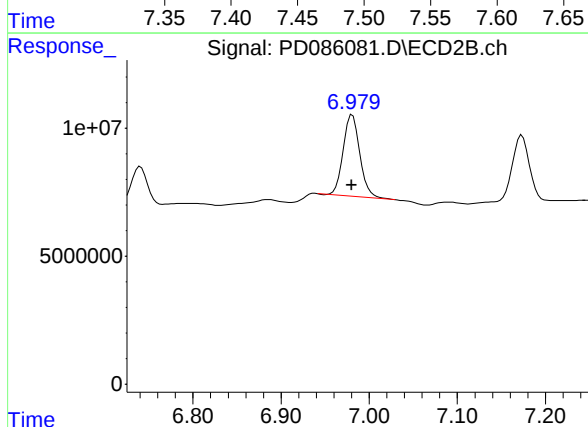
#21 Endrin ketone

R.T.: 7.499 min
Delta R.T.: 0.004 min
Response: 8716461
Conc: 4.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024

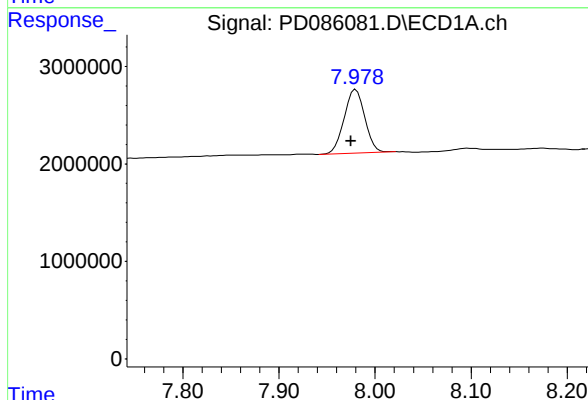
Manual Integrations
APPROVED

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



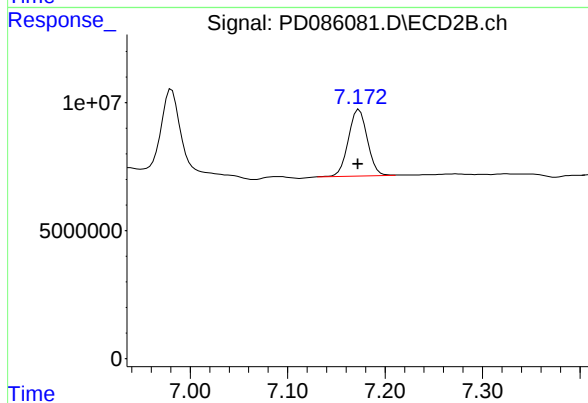
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: 0.000 min
Response: 41451931
Conc: 5.99 ng/ml



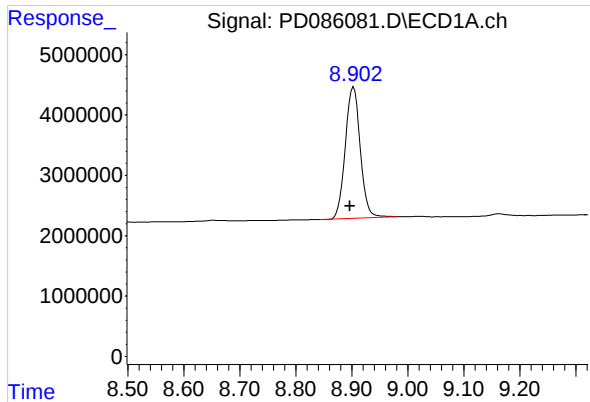
#22 Mirex

R.T.: 7.980 min
Delta R.T.: 0.005 min
Response: 9739532
Conc: 5.76 ng/ml



#22 Mirex

R.T.: 7.173 min
Delta R.T.: 0.001 min
Response: 35207012
Conc: 6.01 ng/ml



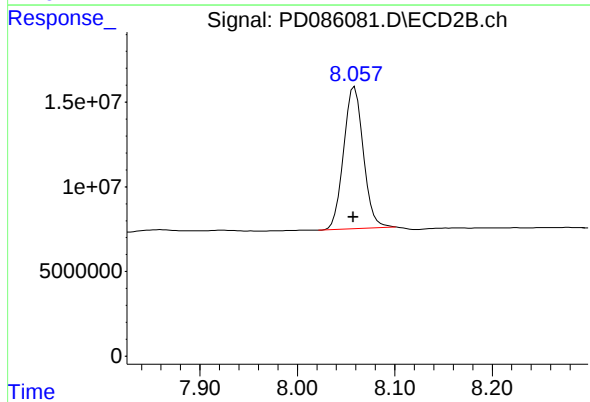
#28 Decachlorobiphenyl

R.T.: 8.903 min
Delta R.T.: 0.006 min
Response: 40323866
Conc: 18.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 10/17/2024



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: 0.001 min
Response: 117851316
Conc: 22.13 ng/ml