

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070822\
 Data File : PD070759.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2022 11:42
 Operator : AR\AJ
 Sample : N3214-07
 Misc : PEST LOD 1PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/08/2022
 Supervised By :Ankita Jodhani 07/08/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 07 15:17:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070522.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 07 15:17:14 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.491	4.123	40633854	490.0E6	16.644	18.948
28)	SA Decachlor...	8.270	9.316	45679705	155.2E6	18.423	18.869
Target Compounds							
2)	A alpha-BHC	3.934	4.527	2824279	54808597	0.804	1.491 #
3)	MA gamma-BHC...	4.219	4.819	4402108	39207799	1.294	1.207m
4)	MA Heptachlor	4.521	5.336	3356807	43580877	0.995	1.407 #
5)	MB Aldrin	4.770	5.648	3381493	36003197	1.024	1.277
6)	B beta-BHC	4.468	4.996	1618949	19142388	1.109m	1.202m
7)	B delta-BHC	4.675	5.219	3020212	36481905	0.923	1.275 #
8)	B Heptachlo...	5.217	6.041	3555225	34241206	1.180	1.505m#
9)	A Endosulfan I	5.557	6.407	3043201	30873773	1.087	1.508 #
10)	B gamma-Chl...	5.444	6.279	3448918	31869867	1.112	1.398 #
11)	B alpha-Chl...	5.503	6.352	3375780	34304987	1.110	1.557 #
12)	B 4,4'-DDE	5.669	6.507	2835572	25691292	0.975	1.256 #
13)	MA Dieldrin	5.801	6.668	3063793	29167616	1.018	1.439 #
14)	MA Endrin	6.060	6.891	2773915	16019474	1.032	1.041
15)	B Endosulfa...	6.334	7.104	2461754	20646764	1.037	1.406 #
16)	A 4,4'-DDD	6.185	7.005	2472020	21808539	1.013m	1.541m#
17)	MA 4,4'-DDT	6.429	7.308	2539855	19574312	1.017	1.285 #
18)	B Endrin al...	6.505	7.231	2211732	18040017	1.190	1.575 #
19)	B Endosulfa...	6.717	7.456	2575165	17322925	1.060	1.262
20)	A Methoxychlor	6.980	7.768	1521273	8740946	1.064	1.275
21)	B Endrin ke...	7.211	7.937	3346832	24010080	1.258	1.871 #
22)	Mirex	7.399	8.391	3440218	11748208	1.572	1.471

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070822\
Data File : PD070759.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2022 11:42
Operator : AR\AJ
Sample : N3214-07
Misc : PEST LOD 1PPB
ALS Vial : 8 Sample Multiplier: 1

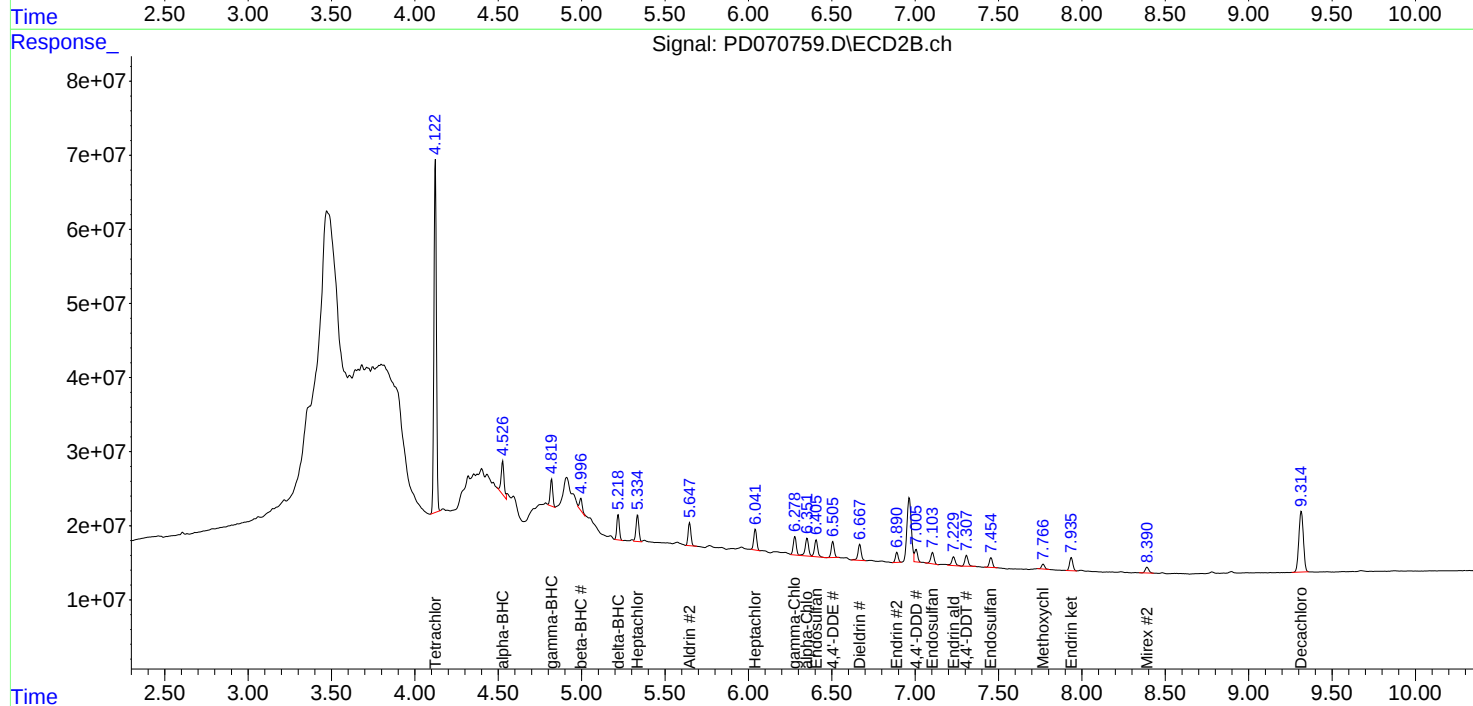
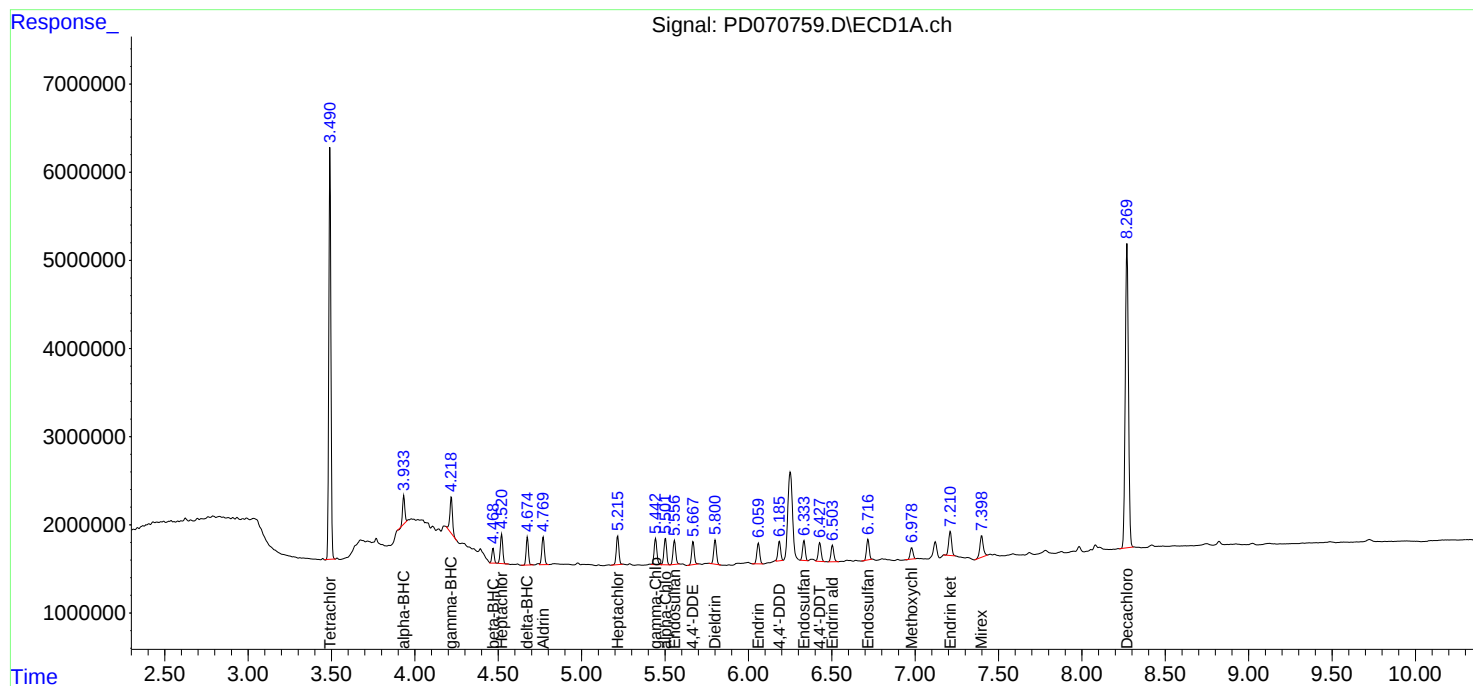
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

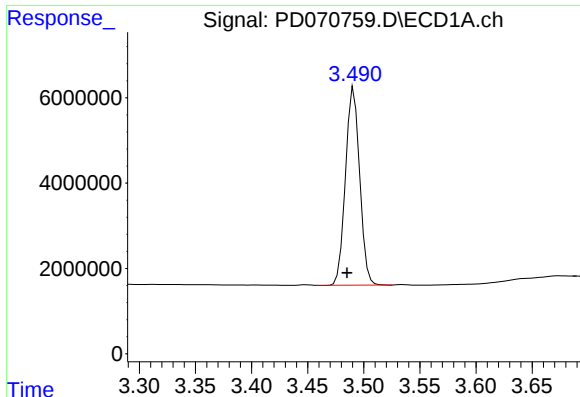
Manual Integrations
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Supervised By :Ankita Jodhani 07/08/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 15:17:25 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070522.M
Quant Title : GC Extractables
QLast Update : Thu Jul 07 15:17:14 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





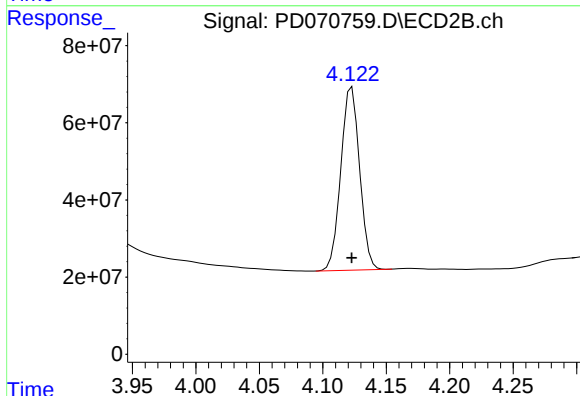
#1 Tetrachloro-m-xylene

R.T.: 3.491 min
Delta R.T.: 0.006 min
Response: 40633854
Conc: 16.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

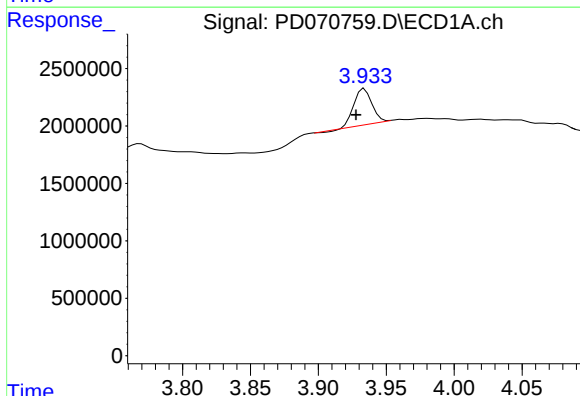
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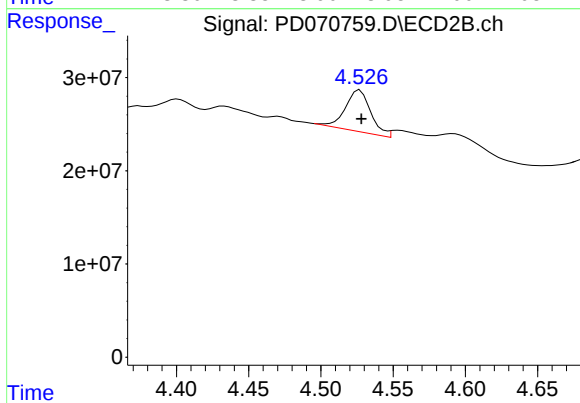
#1 Tetrachloro-m-xylene

R.T.: 4.123 min
Delta R.T.: 0.000 min
Response: 490027857
Conc: 18.95 ng/ml



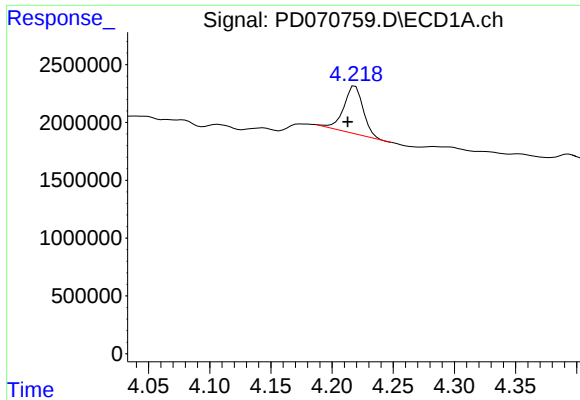
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.006 min
Response: 2824279
Conc: 0.80 ng/ml



#2 alpha-BHC

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 54808597
Conc: 1.49 ng/ml



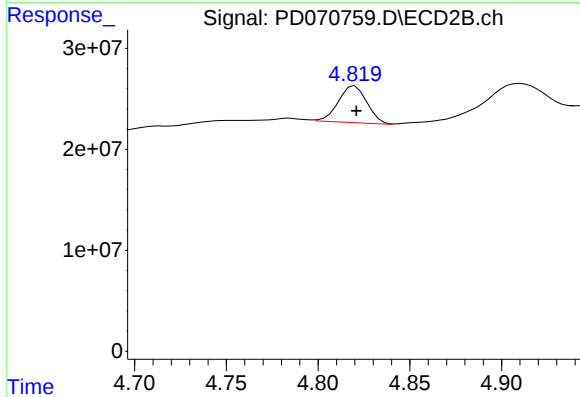
#3 gamma-BHC (Lindane)

R.T.: 4.219 min
Delta R.T.: 0.006 min
Response: 4402108
Conc: 1.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
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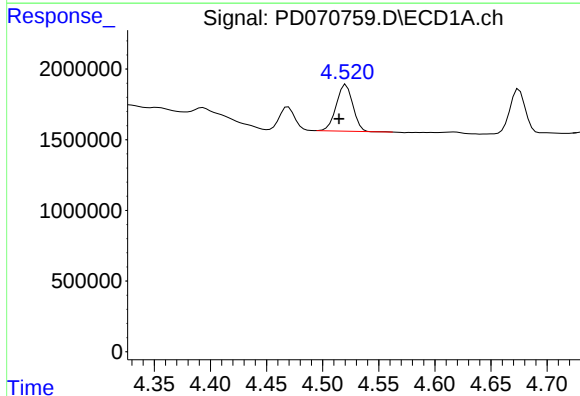
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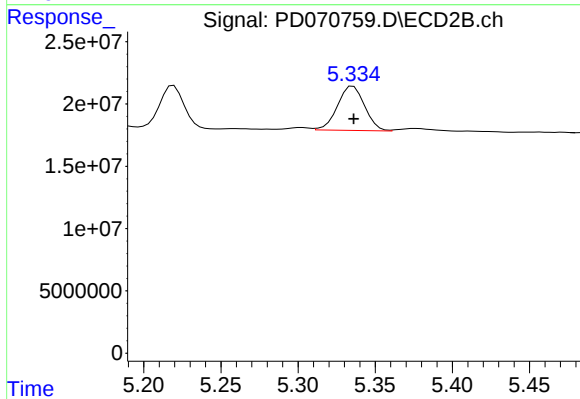
#3 gamma-BHC (Lindane)

R.T.: 4.819 min
Delta R.T.: -0.002 min
Response: 39207799
Conc: 1.21 ng/ml m



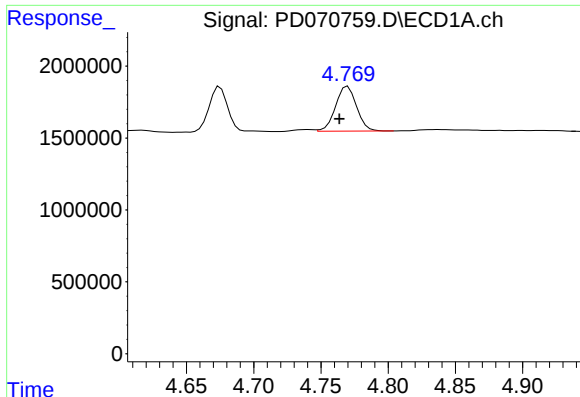
#4 Heptachlor

R.T.: 4.521 min
Delta R.T.: 0.006 min
Response: 3356807
Conc: 1.00 ng/ml



#4 Heptachlor

R.T.: 5.336 min
Delta R.T.: 0.000 min
Response: 43580877
Conc: 1.41 ng/ml



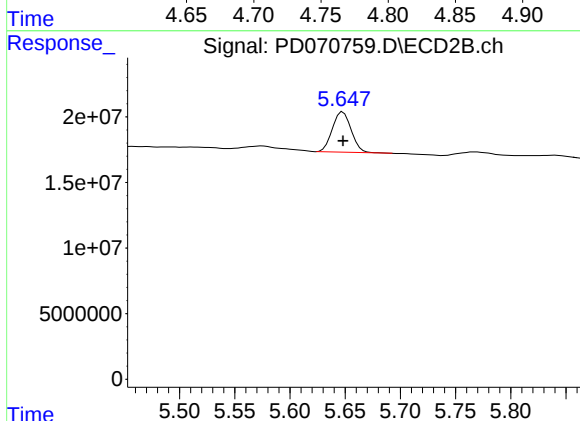
#5 Aldrin

R.T.: 4.770 min
Delta R.T.: 0.006 min
Response: 3381493
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

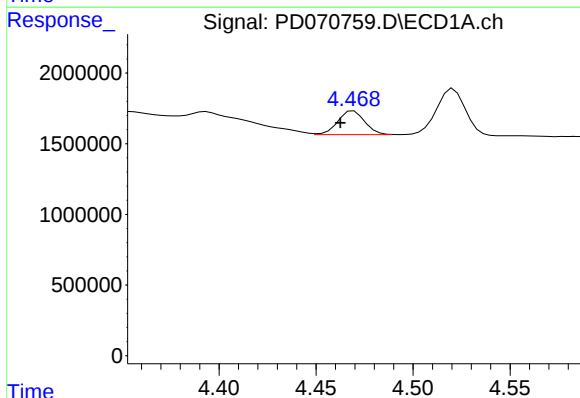
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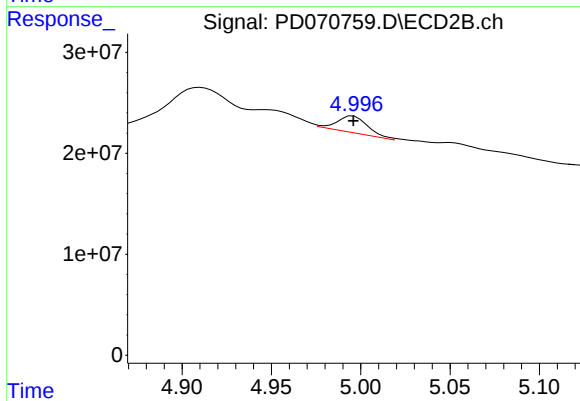
#5 Aldrin

R.T.: 5.648 min
Delta R.T.: 0.000 min
Response: 36003197
Conc: 1.28 ng/ml



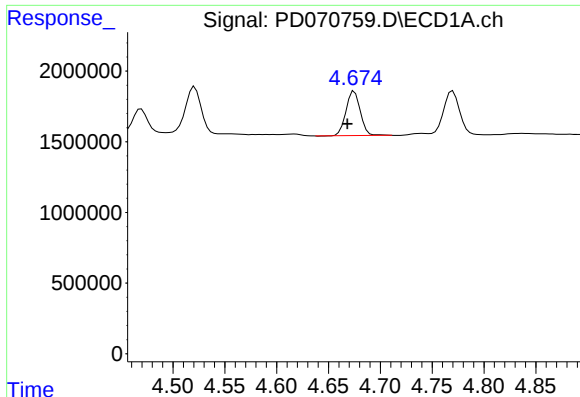
#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: 0.006 min
Response: 1618949
Conc: 1.11 ng/ml m



#6 beta-BHC

R.T.: 4.996 min
Delta R.T.: 0.000 min
Response: 19142388
Conc: 1.20 ng/ml m



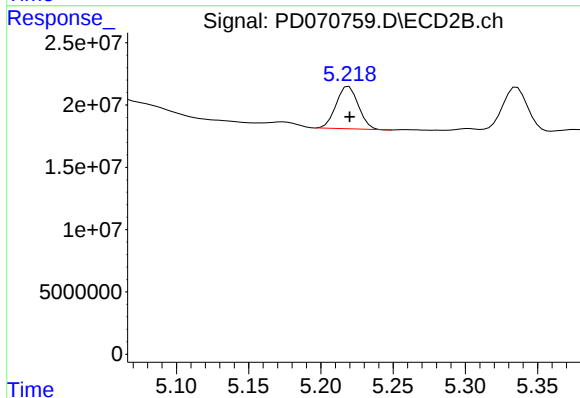
#7 delta-BHC

R.T.: 4.675 min
Delta R.T.: 0.007 min
Response: 3020212
Conc: 0.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

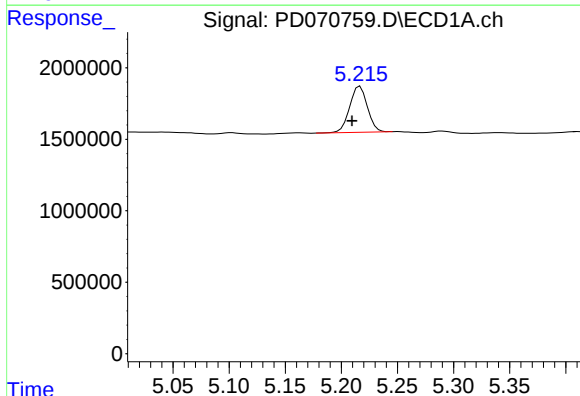
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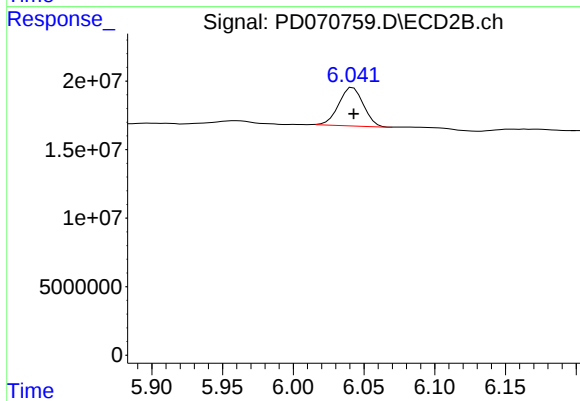
#7 delta-BHC

R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 36481905
Conc: 1.28 ng/ml



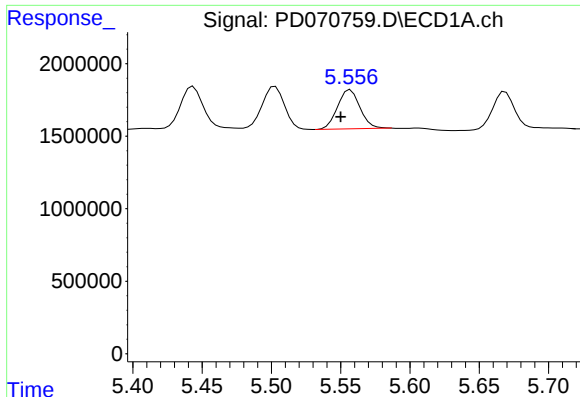
#8 Heptachlor epoxide

R.T.: 5.217 min
Delta R.T.: 0.007 min
Response: 3555225
Conc: 1.18 ng/ml



#8 Heptachlor epoxide

R.T.: 6.041 min
Delta R.T.: -0.002 min
Response: 34241206
Conc: 1.50 ng/ml m



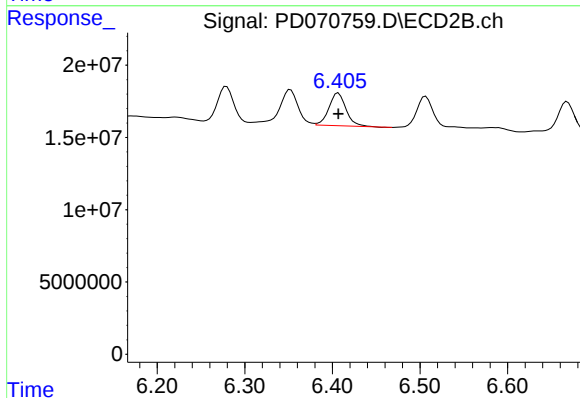
#9 Endosulfan I

R.T.: 5.557 min
Delta R.T.: 0.007 min
Response: 3043201
Conc: 1.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

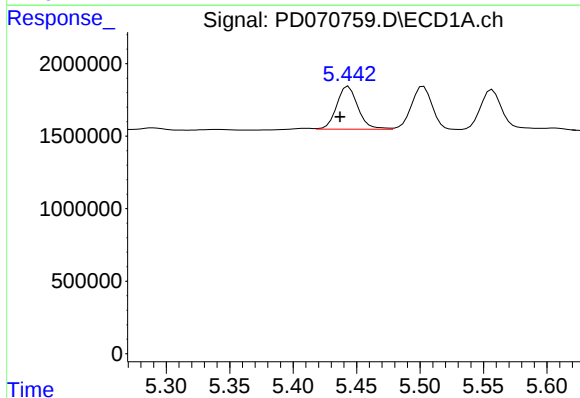
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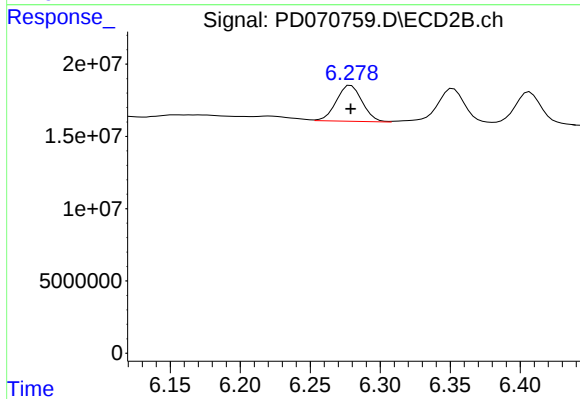
#9 Endosulfan I

R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 30873773
Conc: 1.51 ng/ml



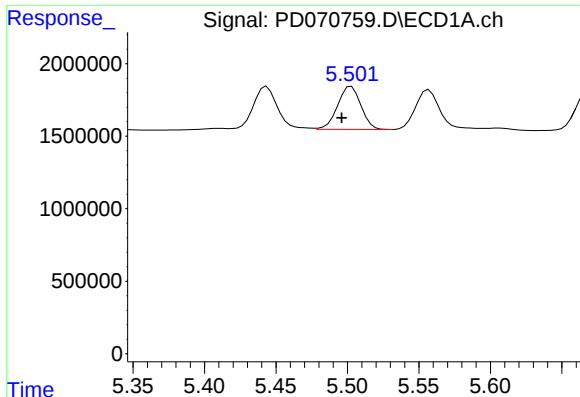
#10 gamma-Chlordane

R.T.: 5.444 min
Delta R.T.: 0.007 min
Response: 3448918
Conc: 1.11 ng/ml



#10 gamma-Chlordane

R.T.: 6.279 min
Delta R.T.: 0.000 min
Response: 31869867
Conc: 1.40 ng/ml



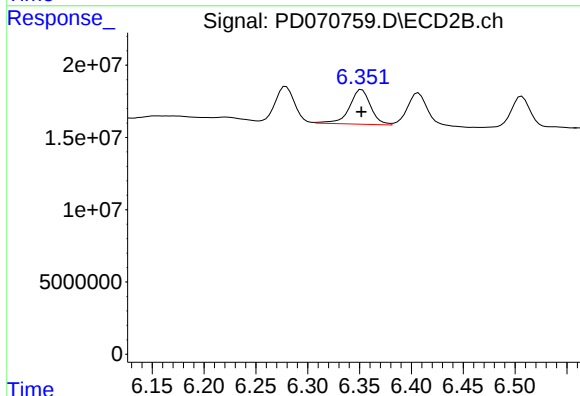
#11 alpha-Chlordane

R.T.: 5.503 min
Delta R.T.: 0.007 min
Response: 3375780
Conc: 1.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

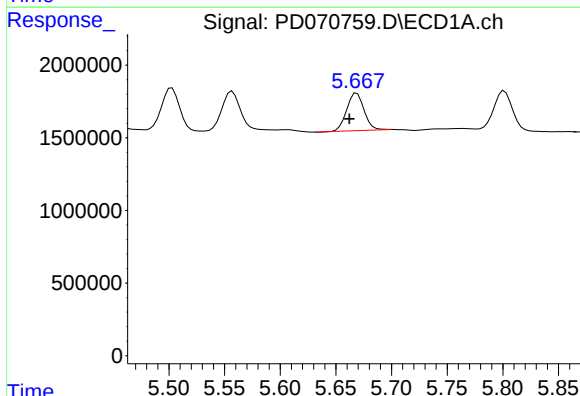
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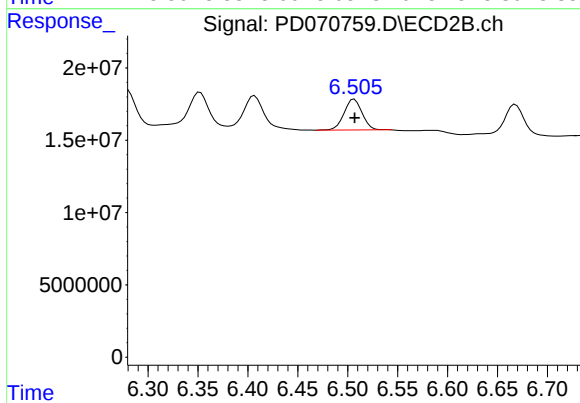
#11 alpha-Chlordane

R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 34304987
Conc: 1.56 ng/ml



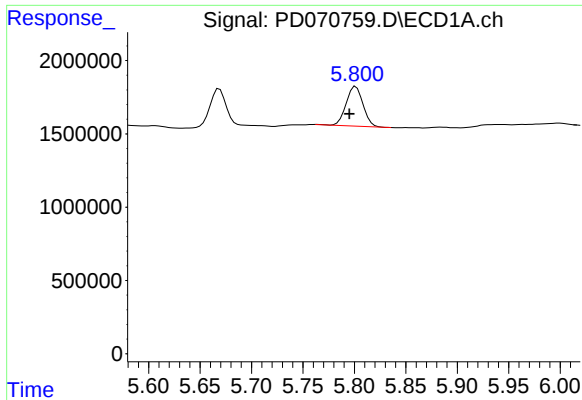
#12 4,4'-DDE

R.T.: 5.669 min
Delta R.T.: 0.007 min
Response: 2835572
Conc: 0.98 ng/ml



#12 4,4'-DDE

R.T.: 6.507 min
Delta R.T.: 0.000 min
Response: 25691292
Conc: 1.26 ng/ml



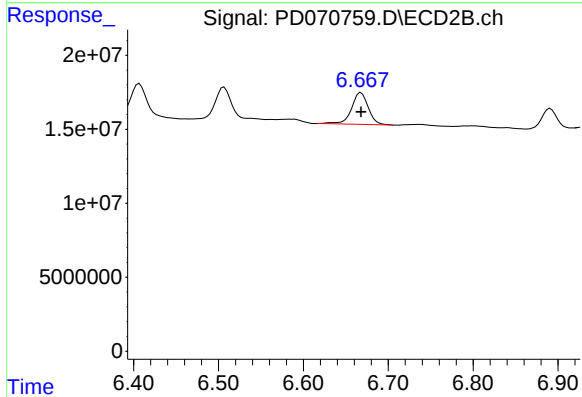
#13 Dieldrin

R.T.: 5.801 min
Delta R.T.: 0.006 min
Response: 3063793
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

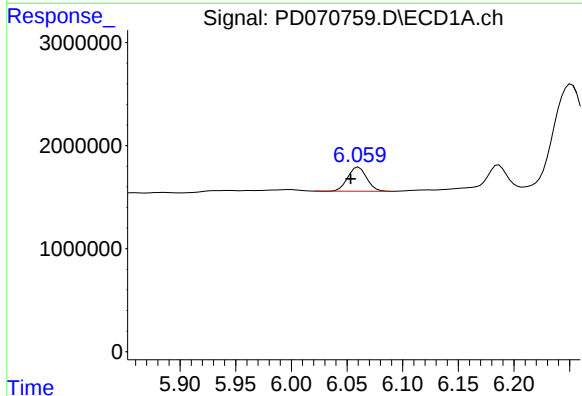
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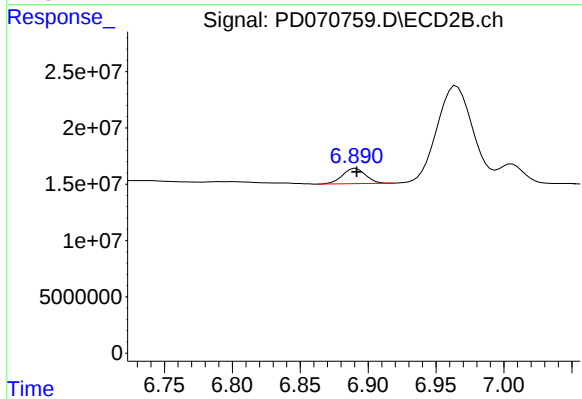
#13 Dieldrin

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 29167616
Conc: 1.44 ng/ml



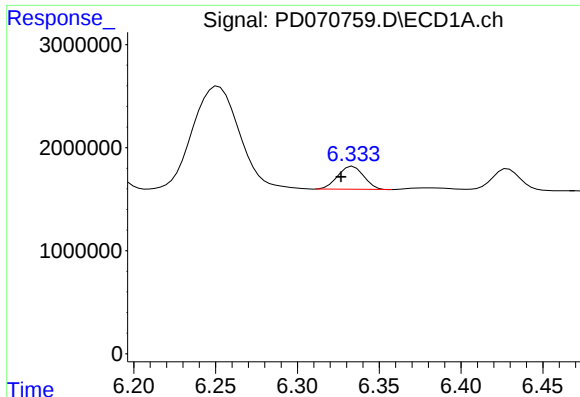
#14 Endrin

R.T.: 6.060 min
Delta R.T.: 0.007 min
Response: 2773915
Conc: 1.03 ng/ml



#14 Endrin

R.T.: 6.891 min
Delta R.T.: 0.000 min
Response: 16019474
Conc: 1.04 ng/ml



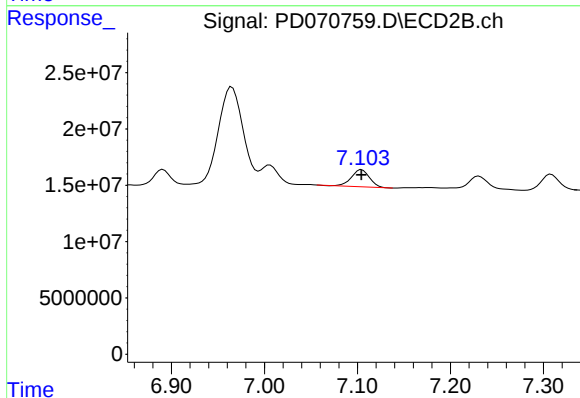
#15 Endosulfan II

R.T.: 6.334 min
Delta R.T.: 0.007 min
Response: 2461754
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

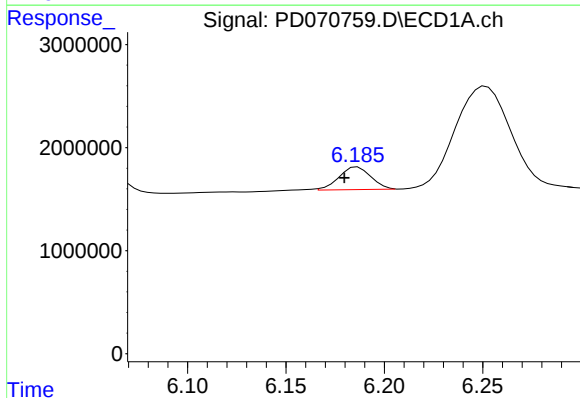
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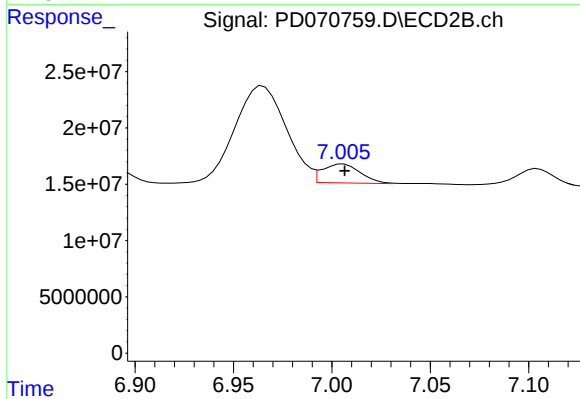
#15 Endosulfan II

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 20646764
Conc: 1.41 ng/ml



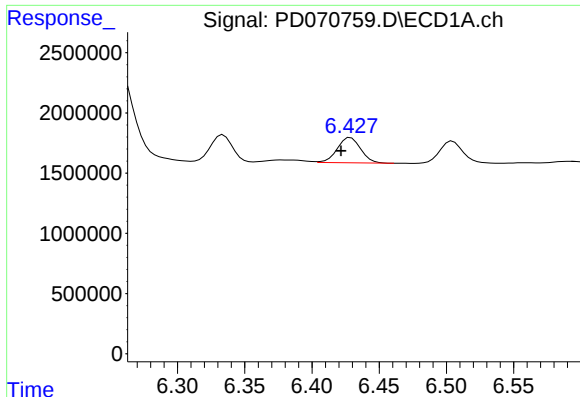
#16 4,4'-DDD

R.T.: 6.185 min
Delta R.T.: 0.005 min
Response: 2472020
Conc: 1.01 ng/ml m



#16 4,4'-DDD

R.T.: 7.005 min
Delta R.T.: -0.002 min
Response: 21808539
Conc: 1.54 ng/ml m



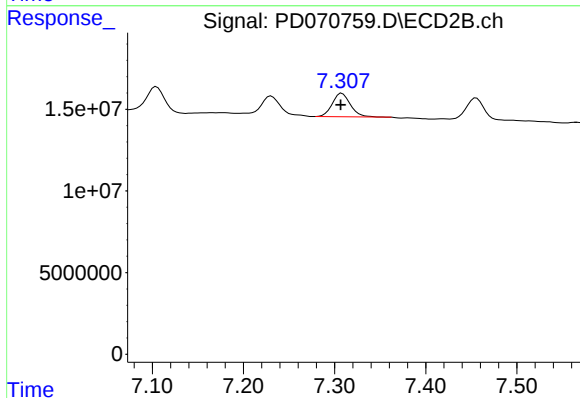
#17 4,4'-DDT

R.T.: 6.429 min
Delta R.T.: 0.007 min
Response: 2539855
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

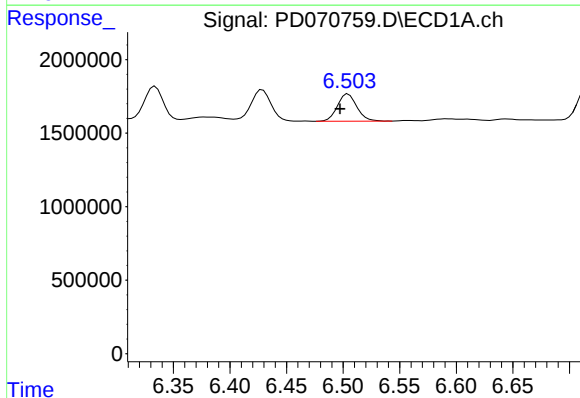
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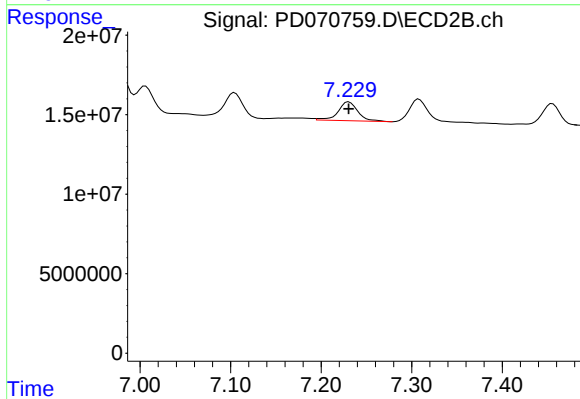
#17 4,4'-DDT

R.T.: 7.308 min
Delta R.T.: 0.001 min
Response: 19574312
Conc: 1.28 ng/ml



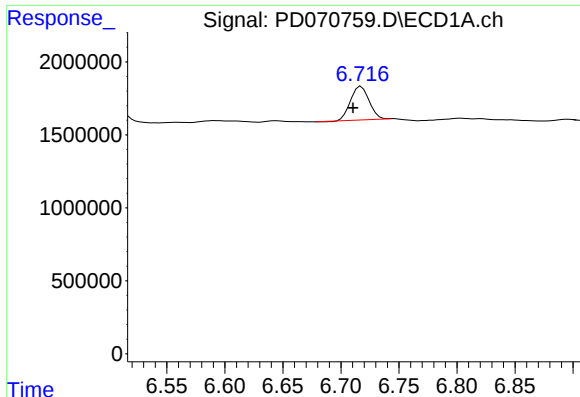
#18 Endrin aldehyde

R.T.: 6.505 min
Delta R.T.: 0.007 min
Response: 2211732
Conc: 1.19 ng/ml



#18 Endrin aldehyde

R.T.: 7.231 min
Delta R.T.: 0.000 min
Response: 18040017
Conc: 1.58 ng/ml



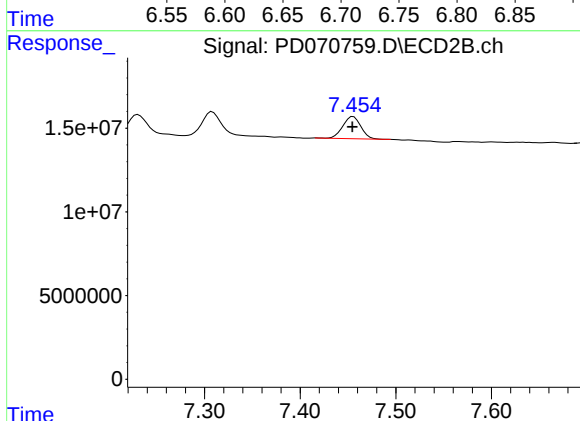
#19 Endosulfan Sulfate

R.T.: 6.717 min
Delta R.T.: 0.007 min
Response: 2575165
Conc: 1.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
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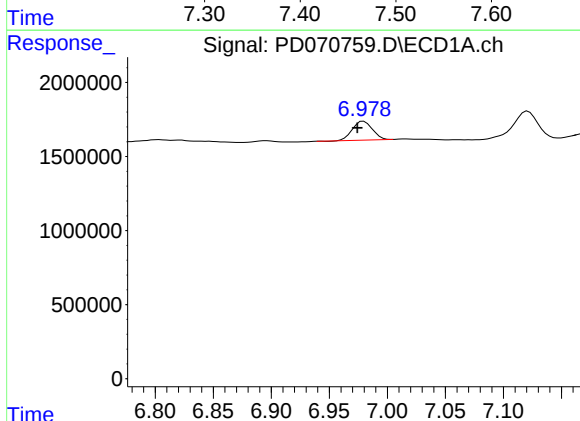
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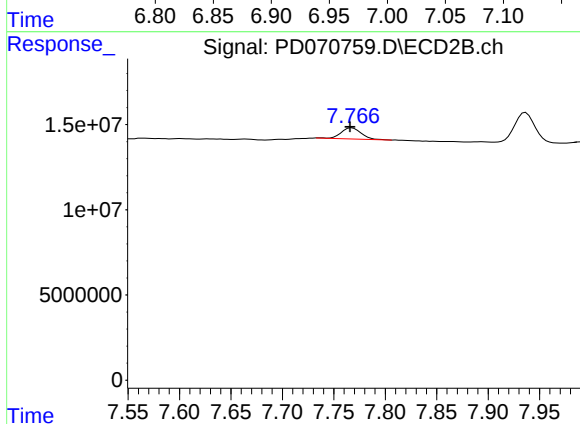
#19 Endosulfan Sulfate

R.T.: 7.456 min
Delta R.T.: 0.000 min
Response: 17322925
Conc: 1.26 ng/ml



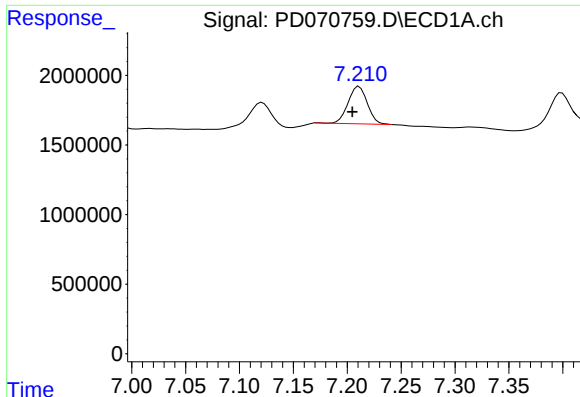
#20 Methoxychlor

R.T.: 6.980 min
Delta R.T.: 0.006 min
Response: 1521273
Conc: 1.06 ng/ml



#20 Methoxychlor

R.T.: 7.768 min
Delta R.T.: 0.002 min
Response: 8740946
Conc: 1.27 ng/ml



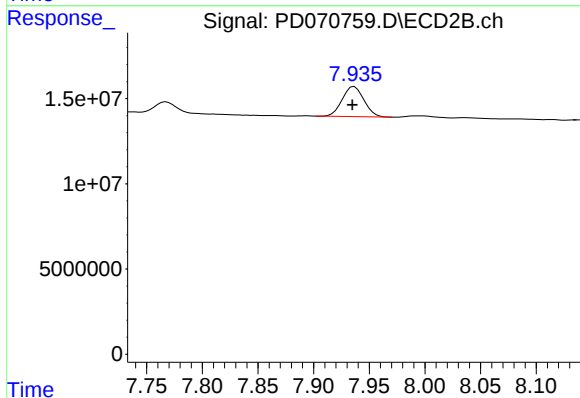
#21 Endrin ketone

R.T.: 7.211 min
Delta R.T.: 0.006 min
Response: 3346832
Conc: 1.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

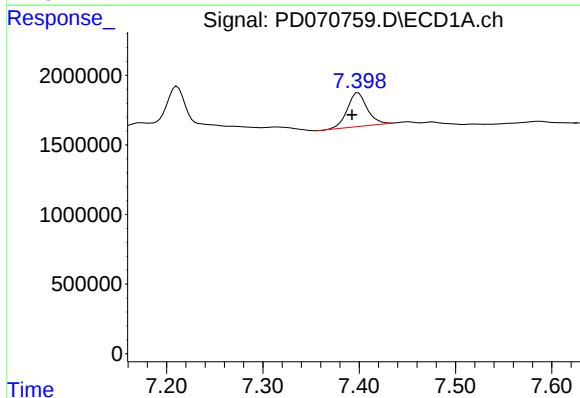
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/08/2022
Supervised By :Ankita Jodhani 07/08/2022



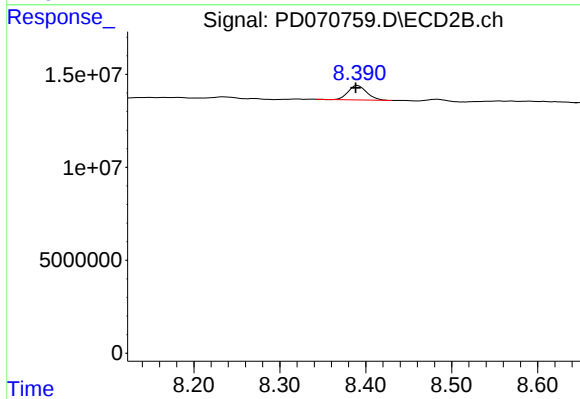
#21 Endrin ketone

R.T.: 7.937 min
Delta R.T.: 0.002 min
Response: 24010080
Conc: 1.87 ng/ml



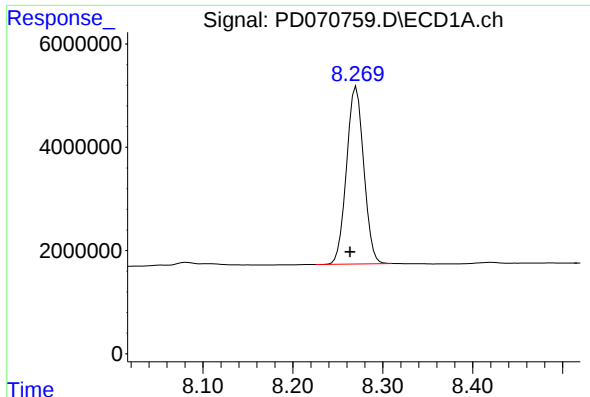
#22 Mirex

R.T.: 7.399 min
Delta R.T.: 0.007 min
Response: 3440218
Conc: 1.57 ng/ml



#22 Mirex

R.T.: 8.391 min
Delta R.T.: 0.003 min
Response: 11748208
Conc: 1.47 ng/ml



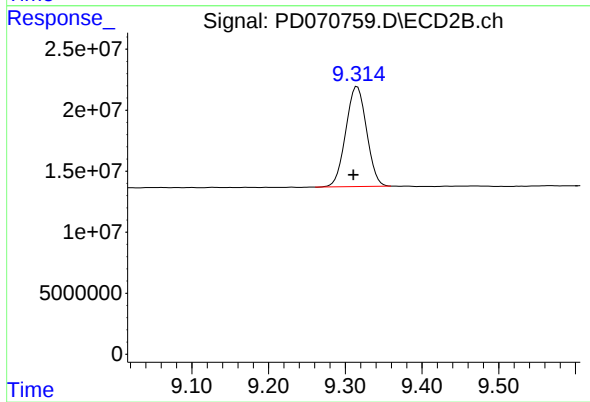
#28 Decachlorobiphenyl

R.T.: 8.270 min
Delta R.T.: 0.007 min
Response: 45679705
Conc: 18.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/08/2022
Supervised By :Ankita Jodhani 07/08/2022



#28 Decachlorobiphenyl

R.T.: 9.316 min
Delta R.T.: 0.005 min
Response: 155230182
Conc: 18.87 ng/ml