

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032023\
 Data File : PD074293.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2023 13:52
 Operator : AR\AJ
 Sample : 01627-09
 Misc : PEST MDL 1PPB WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-WATER-03-QT1-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/21/2023
 Supervised By :Ankita Jodhani 03/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 21:23:29 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...	3.552	2.771	40015280	21439428	17.155	17.617
28) SA Decachlor...	9.094	7.923	53269226	23249248	19.917	18.949
Target Compounds						
2) A alpha-BHC	4.008	3.274	2981241	1732044	0.768	0.932
3) MA gamma-BHC...	4.342	3.604	2985228	1748387	0.851	1.021
4) MA Heptachlor	4.934	3.946	3517944	1702816	1.027	0.998
5) MB Aldrin	5.276	4.227	3520370	1743270	1.045	1.033
6) B beta-BHC	4.536	3.899	1085914	896685	0.735	1.188m#
7) B delta-BHC	4.783	4.131	3293979	1477717	1.200	0.868 #
8) B Heptachlo...	5.700	4.729	1441380	1458654	0.512m	0.950 #
9) A Endosulfan I	6.090	5.100	2926948	1299854	1.029	0.903
10) B gamma-Chl...	5.960	4.980	2841571	1659137	0.947	1.069
11) B alpha-Chl...	6.040	5.045	3079030	1550094	1.021	1.007
12) B 4,4'-DDE	6.211	5.234	2410174	1178678	0.874	0.835
13) MA Dieldrin	6.366	5.365	2899641	1374554	0.983	0.914
14) MA Endrin	6.596	5.641	1980254	1488185	0.797	1.139 #
15) B Endosulfa...	6.807	5.932	3338195	1304383	1.296m	1.037m
16) A 4,4'-DDD	6.729	5.789	2241063	942462	0.999	0.807
17) MA 4,4'-DDT	7.044	6.041	2657752	1028544	1.043	0.838
18) B Endrin al...	6.945	6.115	2428534	1745899	1.215	1.719 #
19) B Endosulfa...	7.180	6.337	2815064	1294988	1.140	1.061
20) A Methoxychlor	7.520	6.617	1611579	672965	1.152	0.995
21) B Endrin ke...	7.665	6.843	3315933	1635580	1.191m	1.109
22) Mirex	8.142	7.028	3068850	1293557	1.445	1.139

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032023\
 Data File : PD074293.D
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 Operator : AR\AJ
 Sample : 01627-09
 Misc : PEST MDL 1PPB WATER
 ALS Vial : 9 Sample Multiplier: 1

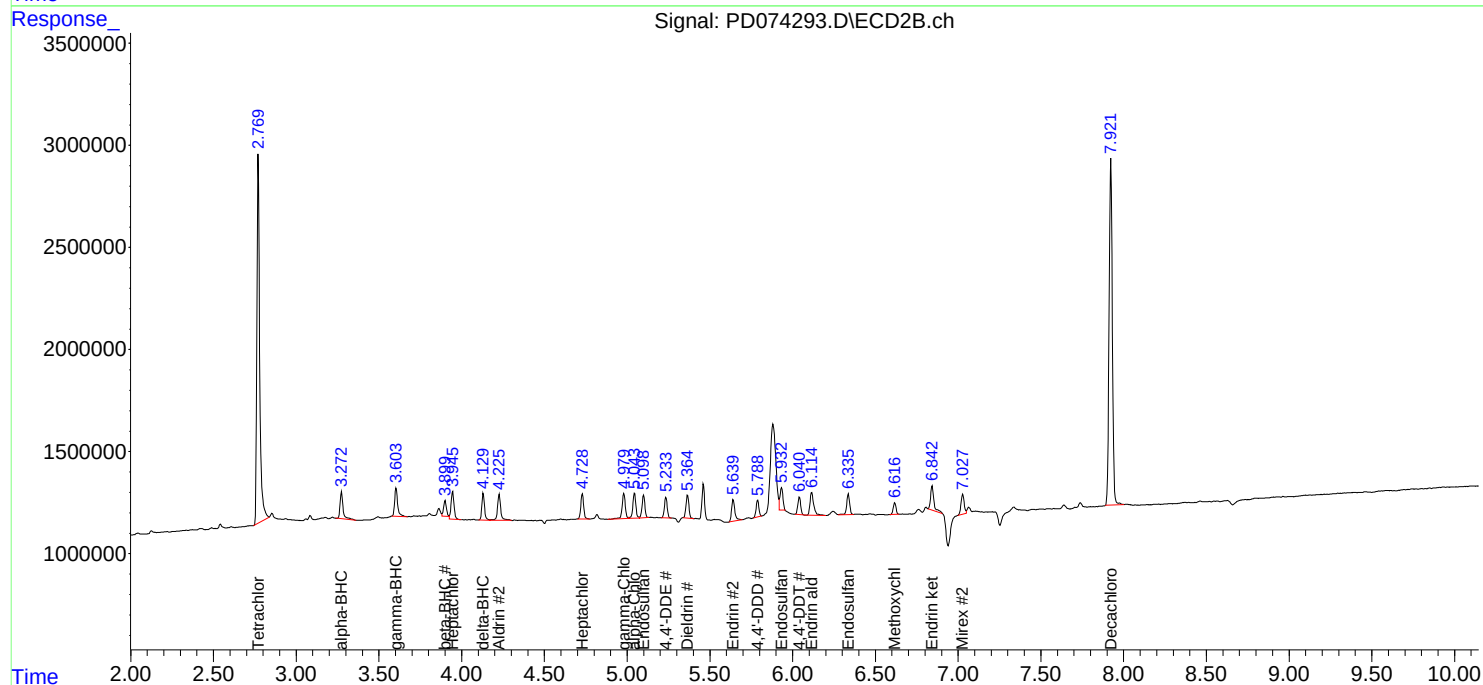
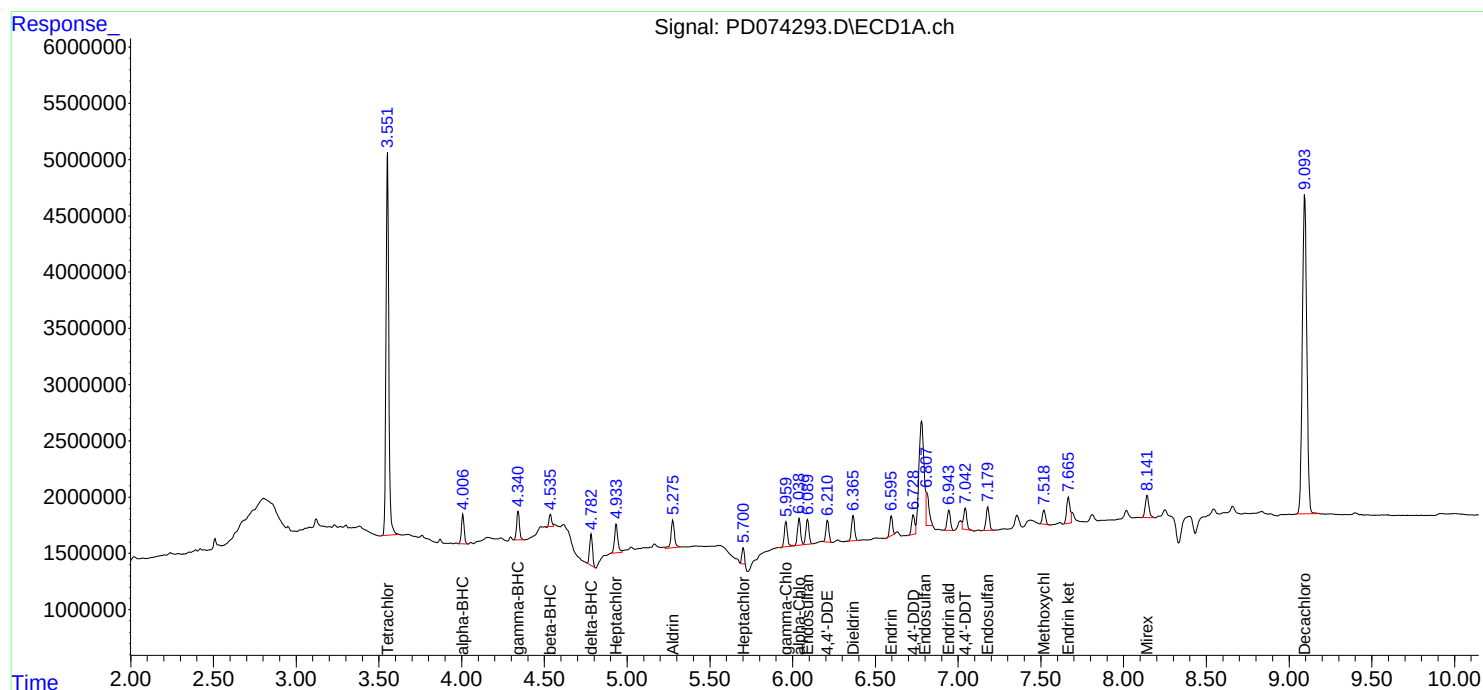
Instrument :
 ECD_D
 ClientSampleId :
 MDL-WATER-03-QT1-2023

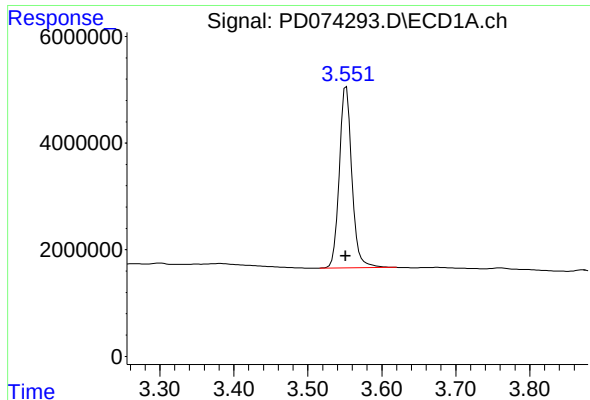
Manual Integrations APPROVED

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 Supervised By :Ankita Jodhani 03/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 21:23:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031423.M
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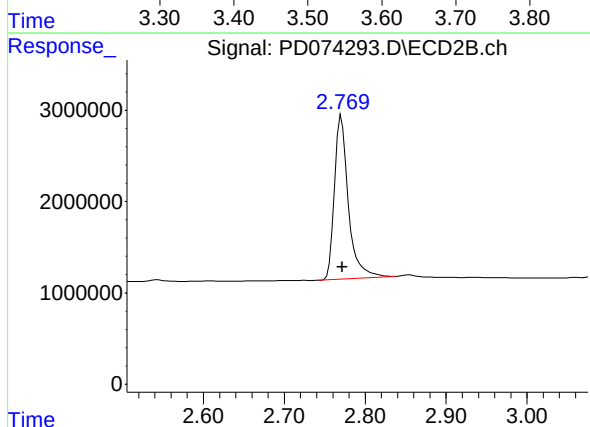
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.001 min
Response: 40015280
Conc: 17.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
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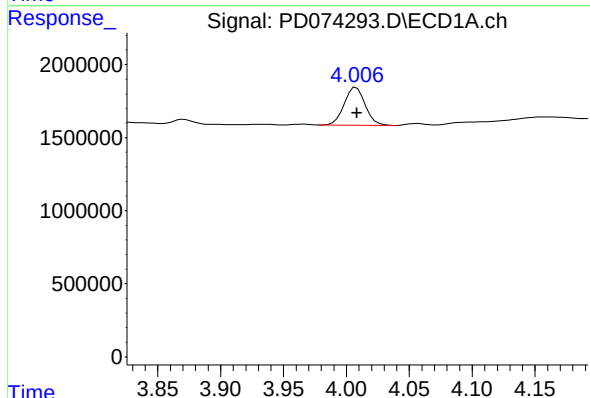
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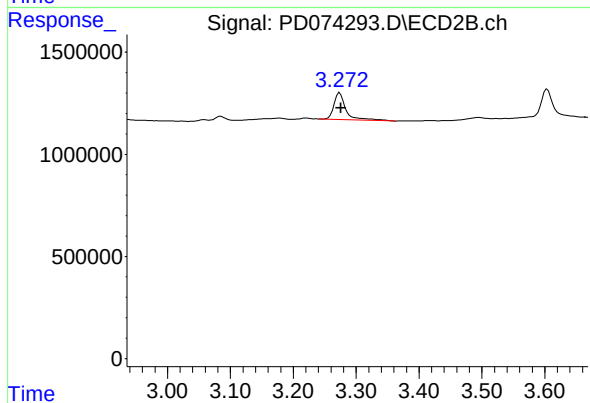
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: -0.001 min
Response: 21439428
Conc: 17.62 ng/ml



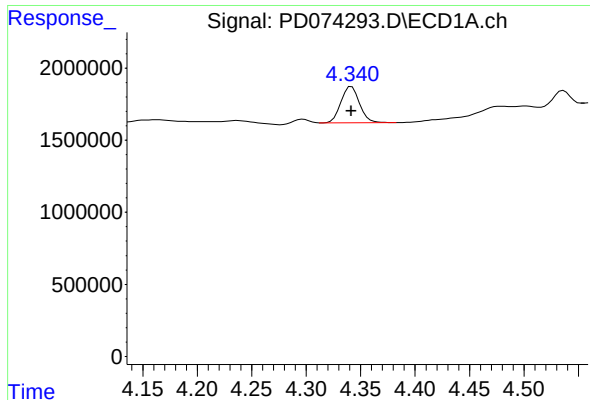
#2 alpha-BHC

R.T.: 4.008 min
Delta R.T.: 0.000 min
Response: 2981241
Conc: 0.77 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: -0.002 min
Response: 1732044
Conc: 0.93 ng/ml



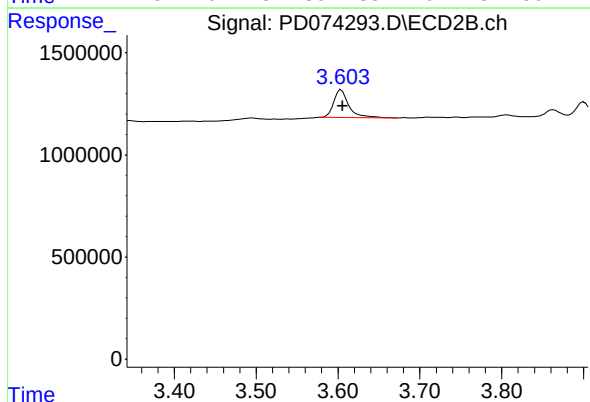
#3 gamma-BHC (Lindane)

R.T.: 4.342 min
Delta R.T.: 0.000 min
Response: 2985228
Conc: 0.85 ng/ml

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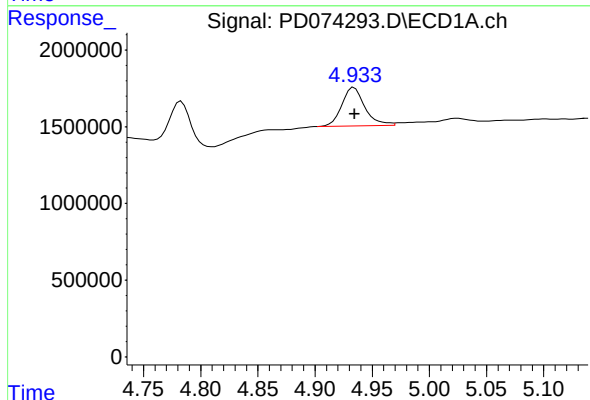
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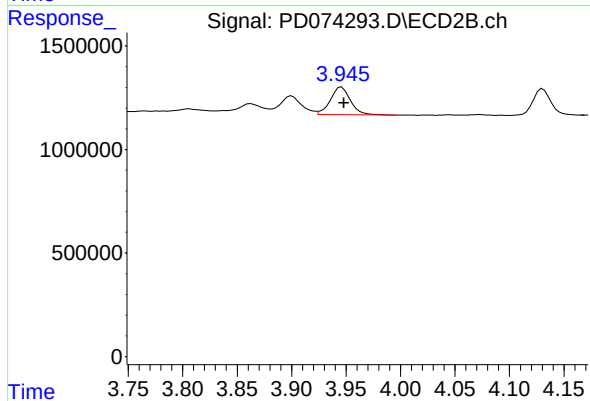
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: -0.002 min
Response: 1748387
Conc: 1.02 ng/ml



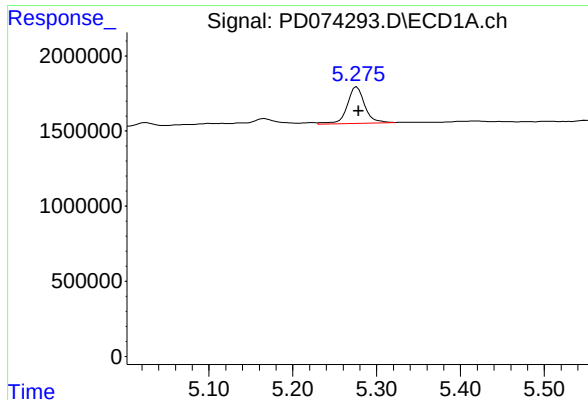
#4 Heptachlor

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 3517944
Conc: 1.03 ng/ml



#4 Heptachlor

R.T.: 3.946 min
Delta R.T.: -0.002 min
Response: 1702816
Conc: 1.00 ng/ml



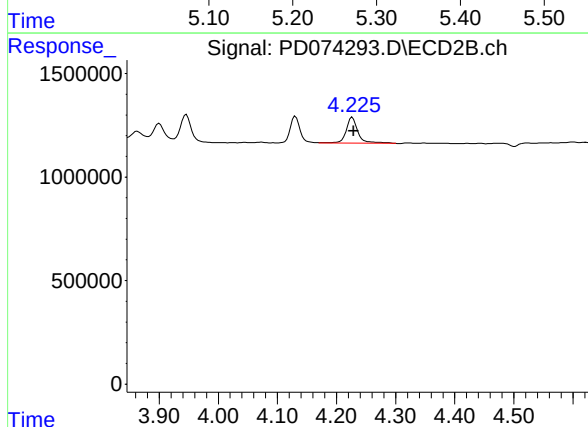
#5 Aldrin

R.T.: 5.276 min
Delta R.T.: -0.002 min
Response: 3520370
Conc: 1.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
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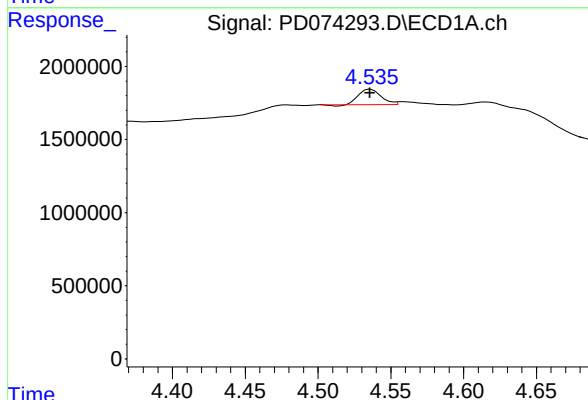
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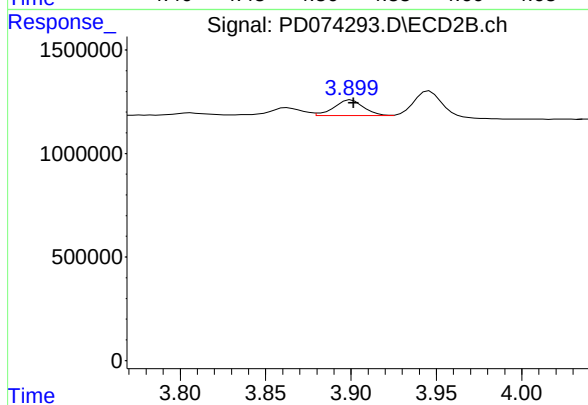
#5 Aldrin

R.T.: 4.227 min
Delta R.T.: -0.002 min
Response: 1743270
Conc: 1.03 ng/ml



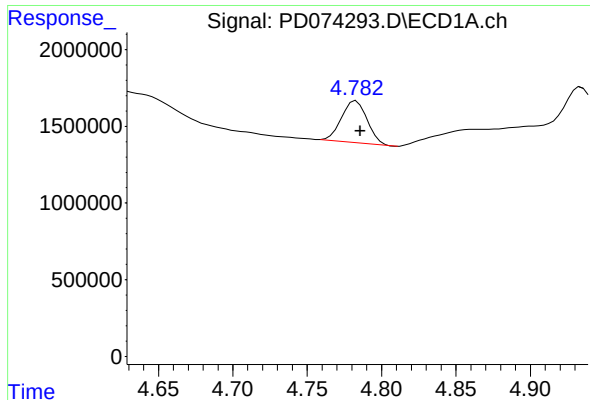
#6 beta-BHC

R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 1085914
Conc: 0.73 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: -0.003 min
Response: 896685
Conc: 1.19 ng/ml m



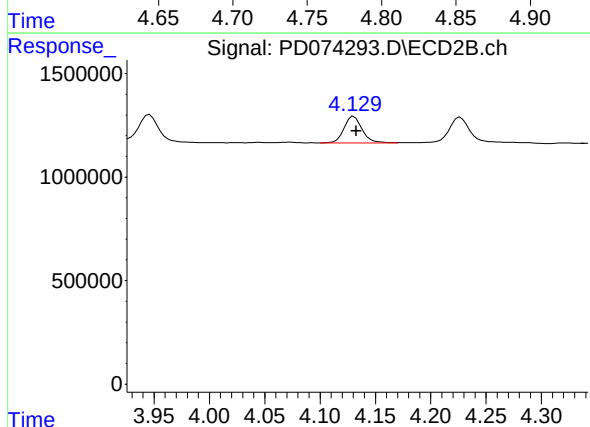
#7 delta-BHC

R.T.: 4.783 min
Delta R.T.: -0.003 min
Response: 3293979
Conc: 1.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT1-2023

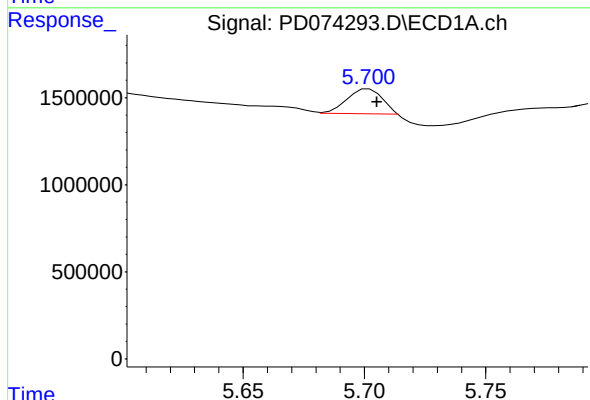
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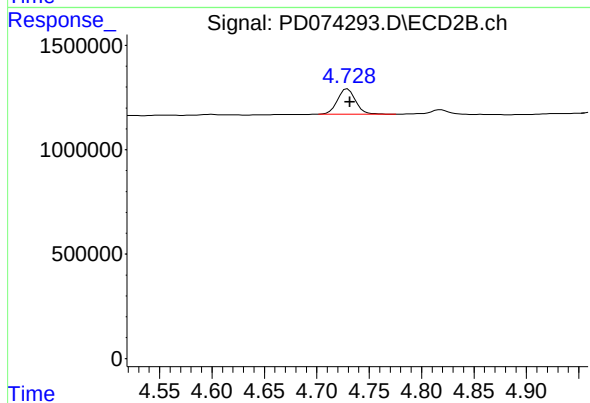
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.002 min
Response: 1477717
Conc: 0.87 ng/ml



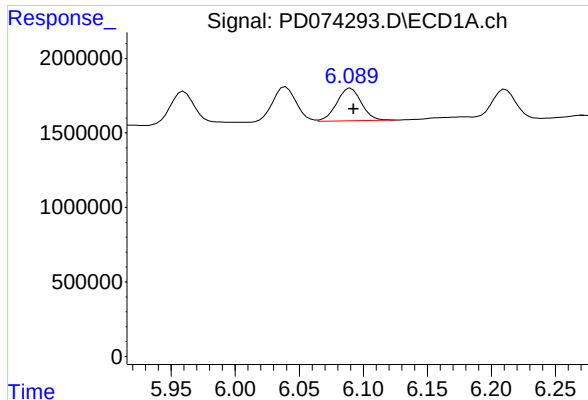
#8 Heptachlor epoxide

R.T.: 5.700 min
Delta R.T.: -0.005 min
Response: 1441380
Conc: 0.51 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.729 min
Delta R.T.: -0.003 min
Response: 1458654
Conc: 0.95 ng/ml



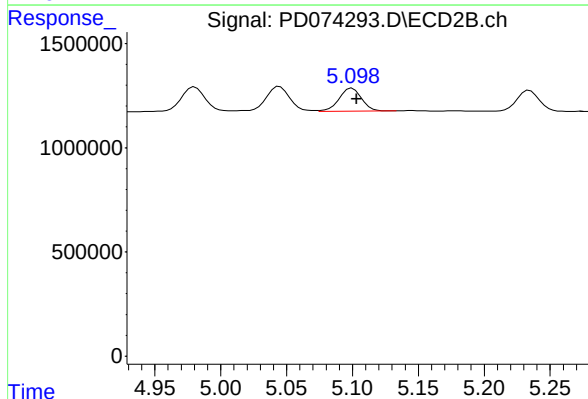
#9 Endosulfan I

R.T.: 6.090 min
Delta R.T.: -0.002 min
Response: 2926948
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT1-2023

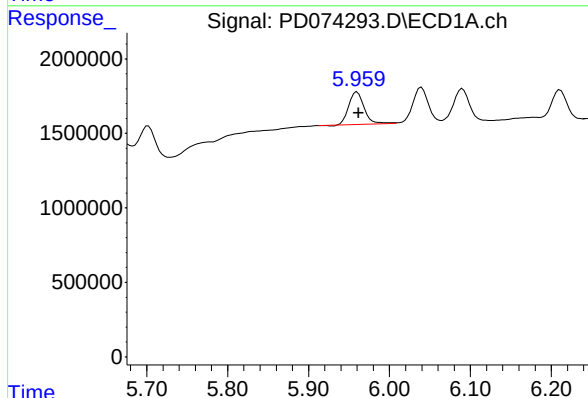
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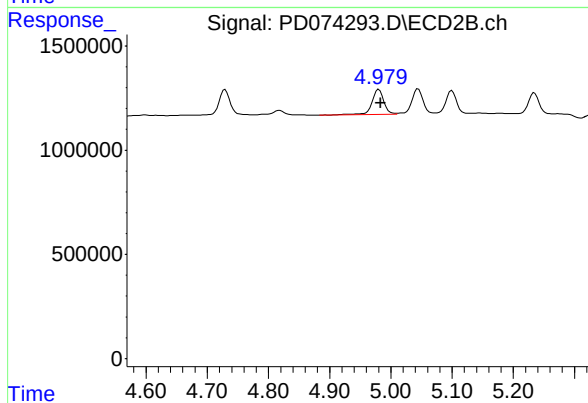
#9 Endosulfan I

R.T.: 5.100 min
Delta R.T.: -0.003 min
Response: 1299854
Conc: 0.90 ng/ml



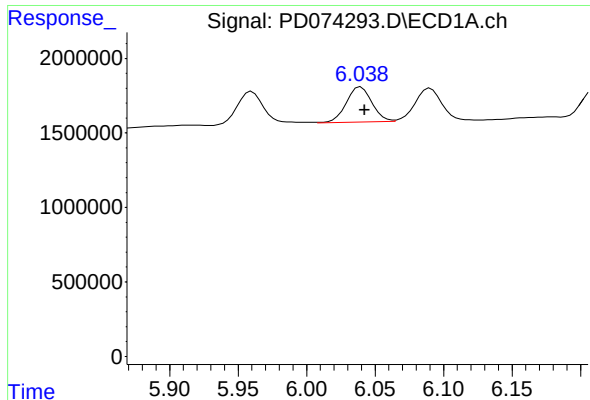
#10 gamma-Chlordane

R.T.: 5.960 min
Delta R.T.: -0.002 min
Response: 2841571
Conc: 0.95 ng/ml



#10 gamma-Chlordane

R.T.: 4.980 min
Delta R.T.: -0.003 min
Response: 1659137
Conc: 1.07 ng/ml



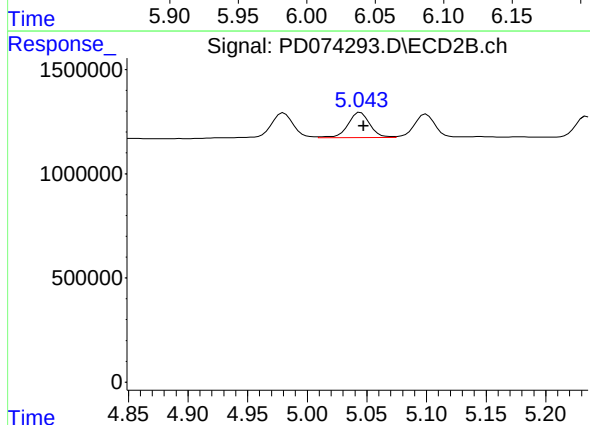
#11 alpha-Chlordane

R.T.: 6.040 min
Delta R.T.: -0.003 min
Response: 3079030
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT1-2023

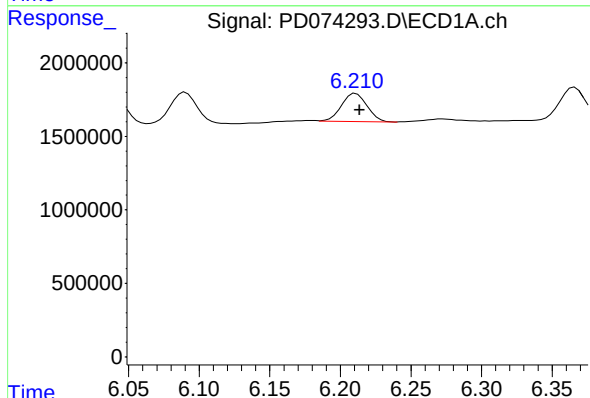
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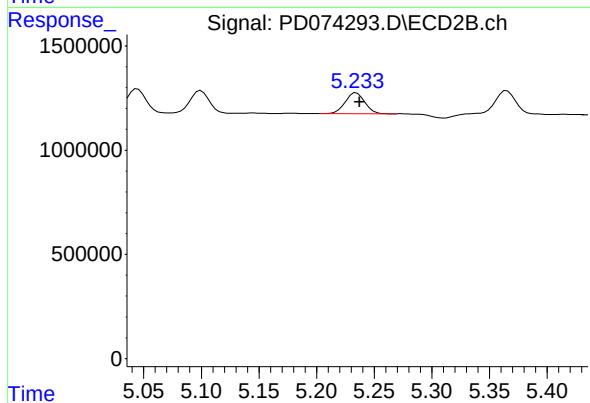
#11 alpha-Chlordane

R.T.: 5.045 min
Delta R.T.: -0.003 min
Response: 1550094
Conc: 1.01 ng/ml



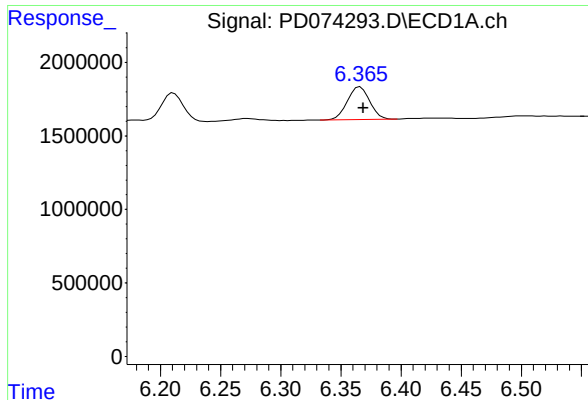
#12 4,4'-DDE

R.T.: 6.211 min
Delta R.T.: -0.003 min
Response: 2410174
Conc: 0.87 ng/ml



#12 4,4'-DDE

R.T.: 5.234 min
Delta R.T.: -0.003 min
Response: 1178678
Conc: 0.84 ng/ml



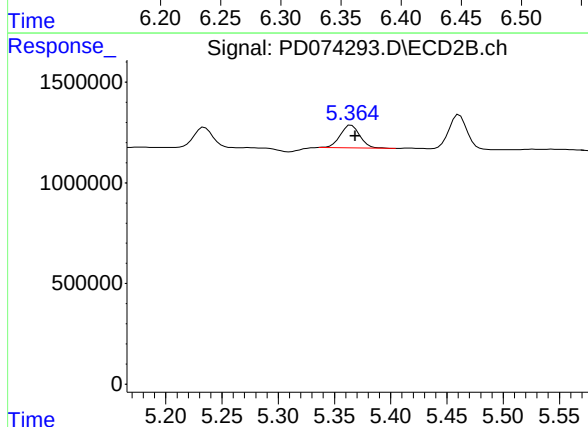
#13 Dieldrin

R.T.: 6.366 min
Delta R.T.: -0.003 min
Response: 2899641
Conc: 0.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT1-2023

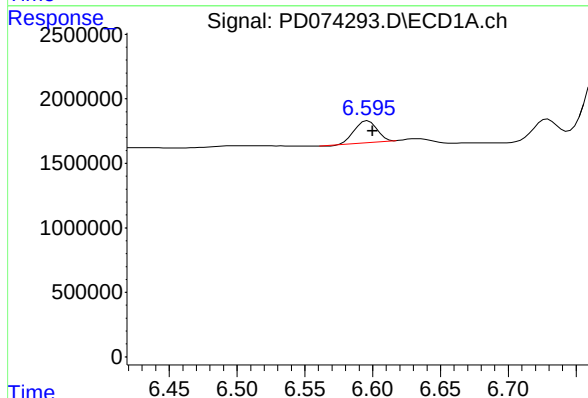
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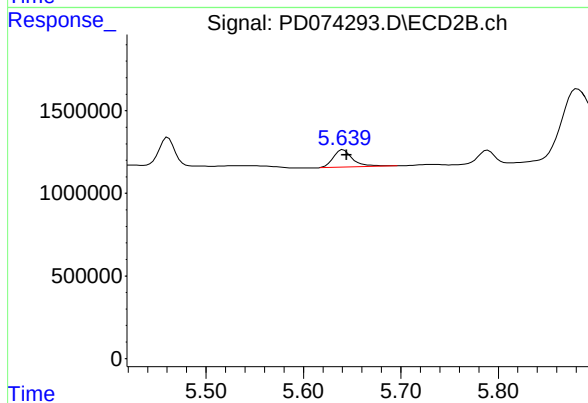
#13 Dieldrin

R.T.: 5.365 min
Delta R.T.: -0.004 min
Response: 1374554
Conc: 0.91 ng/ml



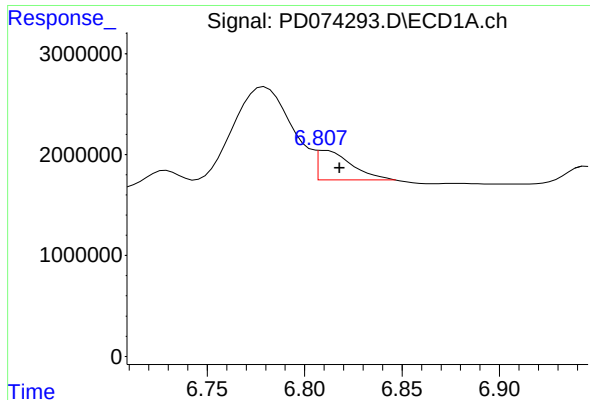
#14 Endrin

R.T.: 6.596 min
Delta R.T.: -0.003 min
Response: 1980254
Conc: 0.80 ng/ml



#14 Endrin

R.T.: 5.641 min
Delta R.T.: -0.003 min
Response: 1488185
Conc: 1.14 ng/ml



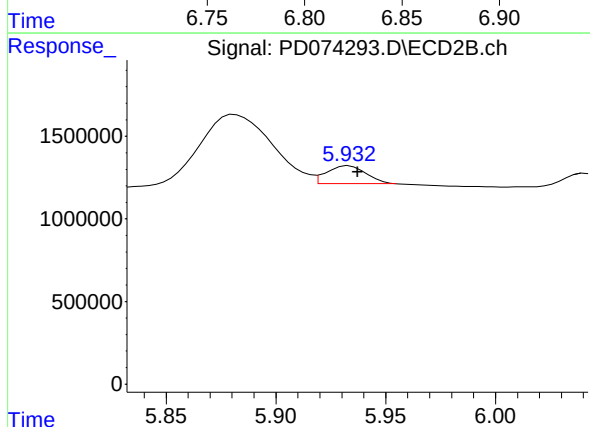
#15 Endosulfan II

R.T.: 6.807 min
Delta R.T.: -0.011 min
Response: 3338195
Conc: 1.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
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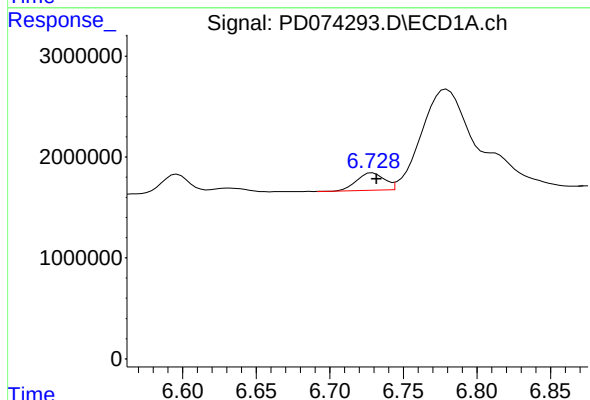
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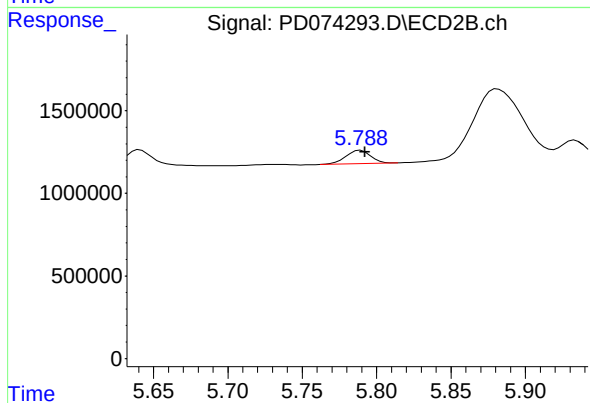
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: -0.005 min
Response: 1304383
Conc: 1.04 ng/ml m



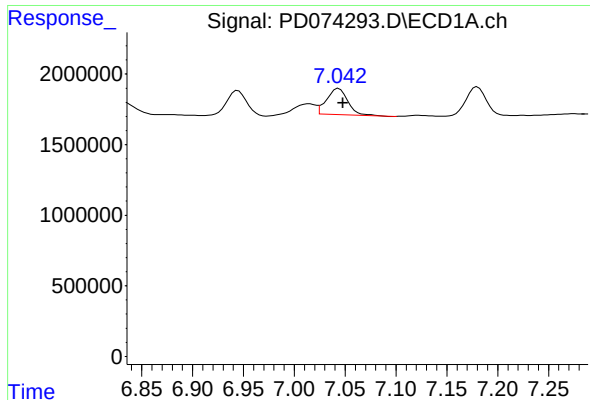
#16 4,4'-DDD

R.T.: 6.729 min
Delta R.T.: -0.003 min
Response: 2241063
Conc: 1.00 ng/ml



#16 4,4'-DDD

R.T.: 5.789 min
Delta R.T.: -0.003 min
Response: 942462
Conc: 0.81 ng/ml



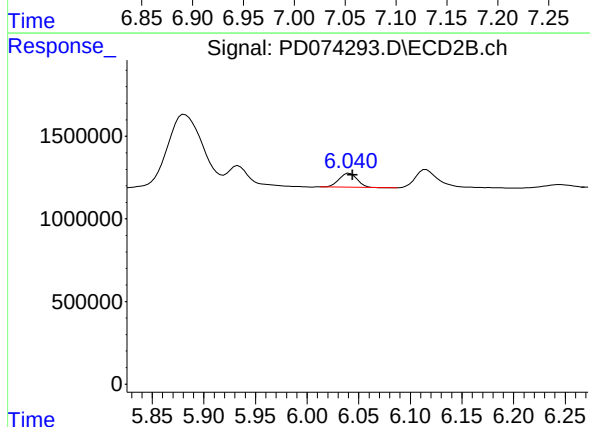
#17 4,4'-DDT

R.T.: 7.044 min
Delta R.T.: -0.004 min
Response: 2657752
Conc: 1.04 ng/ml

Instrument :
ECD_D
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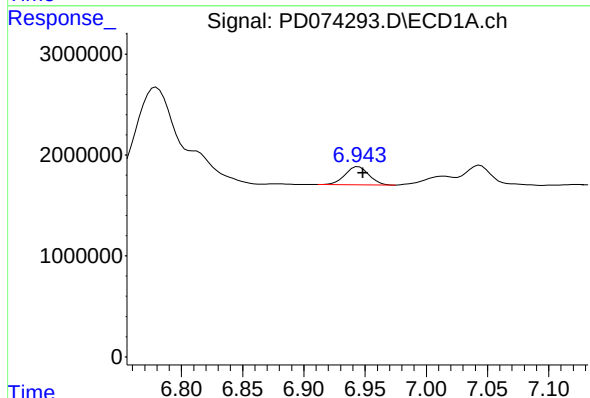
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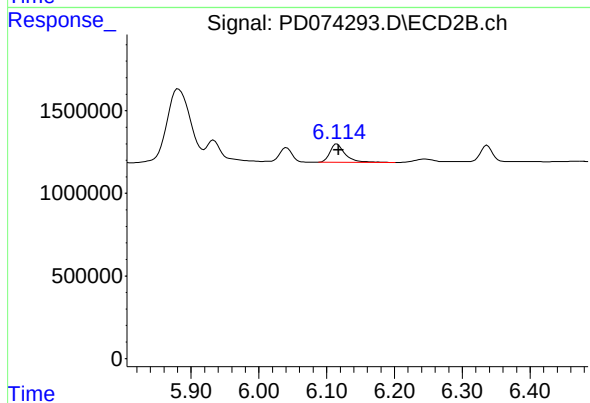
#17 4,4'-DDT

R.T.: 6.041 min
Delta R.T.: -0.003 min
Response: 1028544
Conc: 0.84 ng/ml



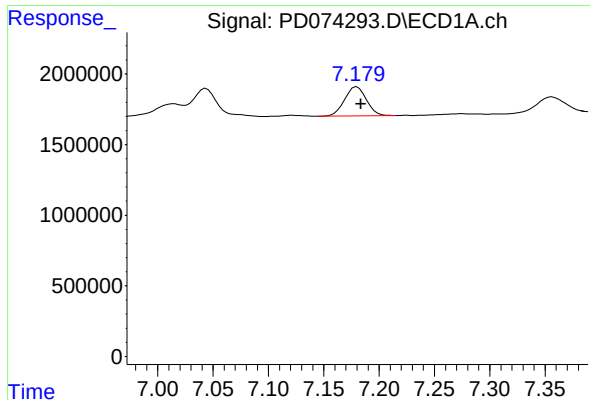
#18 Endrin aldehyde

R.T.: 6.945 min
Delta R.T.: -0.004 min
Response: 2428534
Conc: 1.21 ng/ml



#18 Endrin aldehyde

R.T.: 6.115 min
Delta R.T.: -0.002 min
Response: 1745899
Conc: 1.72 ng/ml



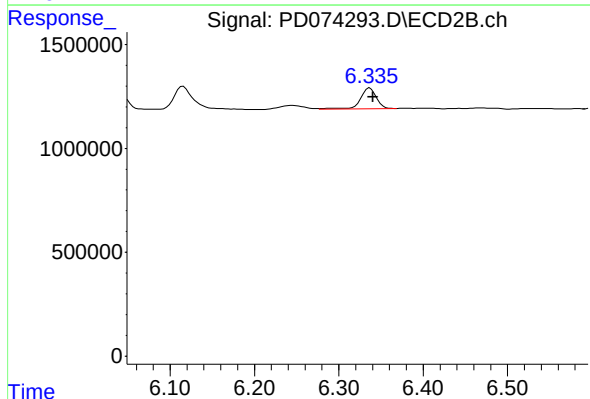
#19 Endosulfan Sulfate

R.T.: 7.180 min
Delta R.T.: -0.004 min
Response: 2815064
Conc: 1.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT1-2023

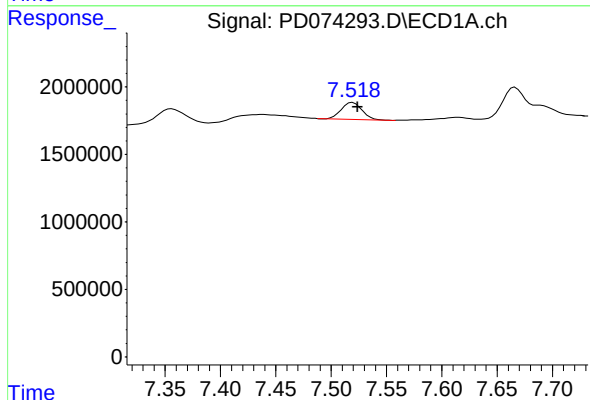
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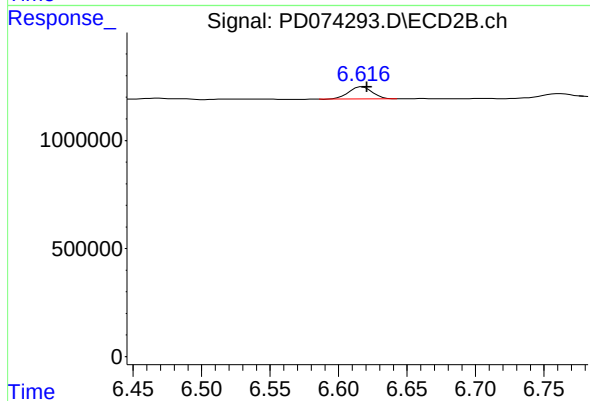
#19 Endosulfan Sulfate

R.T.: 6.337 min
Delta R.T.: -0.003 min
Response: 1294988
Conc: 1.06 ng/ml



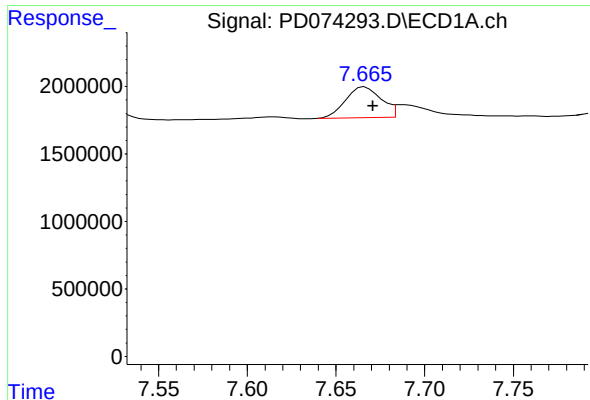
#20 Methoxychlor

R.T.: 7.520 min
Delta R.T.: -0.004 min
Response: 1611579
Conc: 1.15 ng/ml



#20 Methoxychlor

R.T.: 6.617 min
Delta R.T.: -0.003 min
Response: 672965
Conc: 0.99 ng/ml



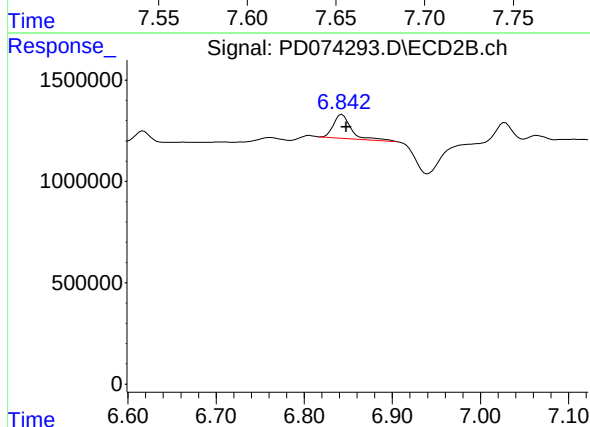
#21 Endrin ketone

R.T.: 7.665 min
Delta R.T.: -0.006 min
Response: 3315933
Conc: 1.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT1-2023

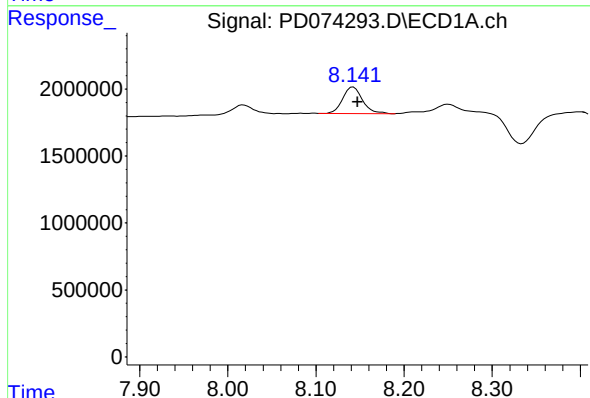
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2023
Supervised By :Ankita Jodhani 03/21/2023



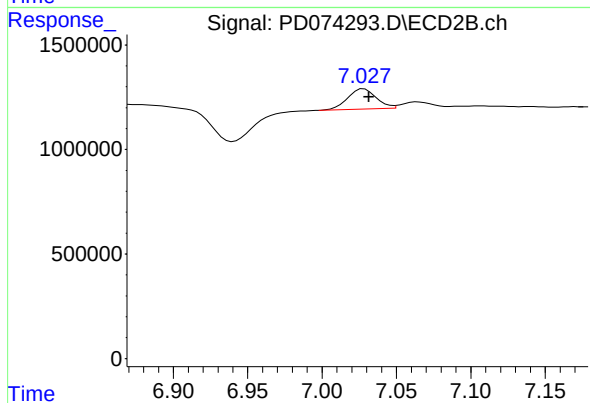
#21 Endrin ketone

R.T.: 6.843 min
Delta R.T.: -0.005 min
Response: 1635580
Conc: 1.11 ng/ml



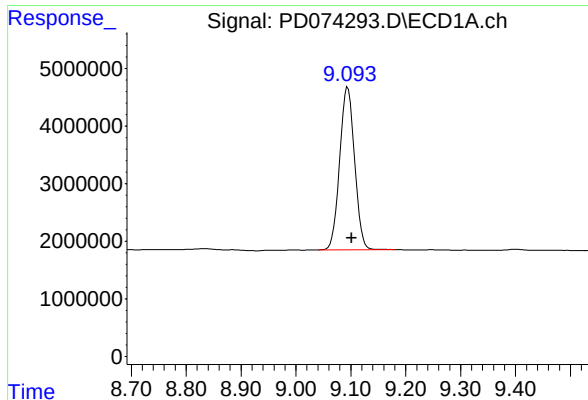
#22 Mirex

R.T.: 8.142 min
Delta R.T.: -0.005 min
Response: 3068850
Conc: 1.45 ng/ml



#22 Mirex

R.T.: 7.028 min
Delta R.T.: -0.003 min
Response: 1293557
Conc: 1.14 ng/ml



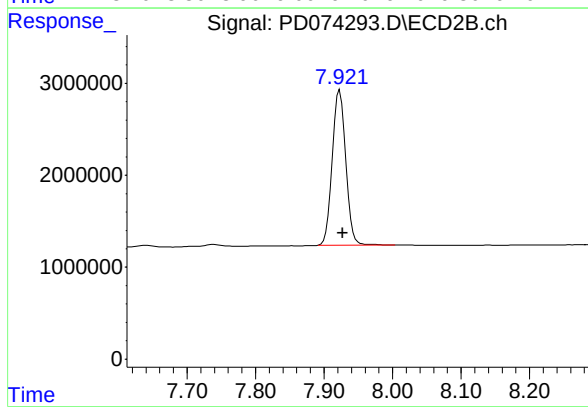
#28 Decachlorobiphenyl

R.T.: 9.094 min
Delta R.T.: -0.007 min
Response: 53269226
Conc: 19.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT1-2023

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#28 Decachlorobiphenyl

R.T.: 7.923 min
Delta R.T.: -0.004 min
Response: 23249248
Conc: 18.95 ng/ml