

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040723\
 Data File : PD074621.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 18:47
 Operator : AR\AJ
 Sample : 02213-07
 Misc : PEST LOD 1PPB
 ALS Vial : 8 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 22:01:00 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	45657394	24248611	19.574	19.925
28) SA Decachlor...	9.092	7.920	58367745	26198639	21.823	21.353
Target Compounds						
2) A alpha-BHC	4.005	3.273	3516430	1691243	0.906	0.910
3) MA gamma-BHC...	4.338	3.603	3938682	1655886	1.123	0.967
4) MA Heptachlor	4.930	3.945	3923054	1708714	1.145	1.002
5) MB Aldrin	5.274	4.226	3975515	1736086	1.181	1.029
6) B beta-BHC	4.534	3.899	1691763	909533	1.145	1.205
7) B delta-BHC	4.781	4.130	4712690	1604485	1.717	0.943 #
8) B Heptachlo...	5.698	4.728	3428838	1660806	1.219m	1.082
9) A Endosulfan I	6.088	5.099	3474504	1508170	1.222	1.048
10) B gamma-Chl...	5.957	4.978	3494699	1700085	1.164	1.095
11) B alpha-Chl...	6.037	5.043	3683175	1688492	1.221	1.096
12) B 4,4'-DDE	6.208	5.233	3050472	1376822	1.106	0.976
13) MA Dieldrin	6.363	5.364	3508877	1576838	1.189	1.049
14) MA Endrin	6.593	5.639	2900308	1462054	1.167	1.119
15) B Endosulfa...	6.811	5.932	4535791	1734891	1.761	1.379
16) A 4,4'-DDD	6.726	5.787	2562612	1190987	1.142	1.020
17) MA 4,4'-DDT	7.042	6.038	3013921	1132377	1.182	0.922
18) B Endrin al...	6.942	6.113	2789980	1445238	1.396	1.423
19) B Endosulfa...	7.177	6.335	3149909	1486359	1.276	1.217
20) A Methoxychlor	7.517	6.614	1818920	762691	1.300	1.127
21) B Endrin ke...	7.664	6.842	3569299	1700737	1.282	1.153
22) Mirex	8.141	7.025	3129891	1364649	1.474	1.201

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040723\
Data File : PD074621.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Apr 2023 18:47
Operator : AR\AJ
Sample : 02213-07
Misc : PEST LOD 1PPB
ALS Vial : 8 Sample Multiplier: 1

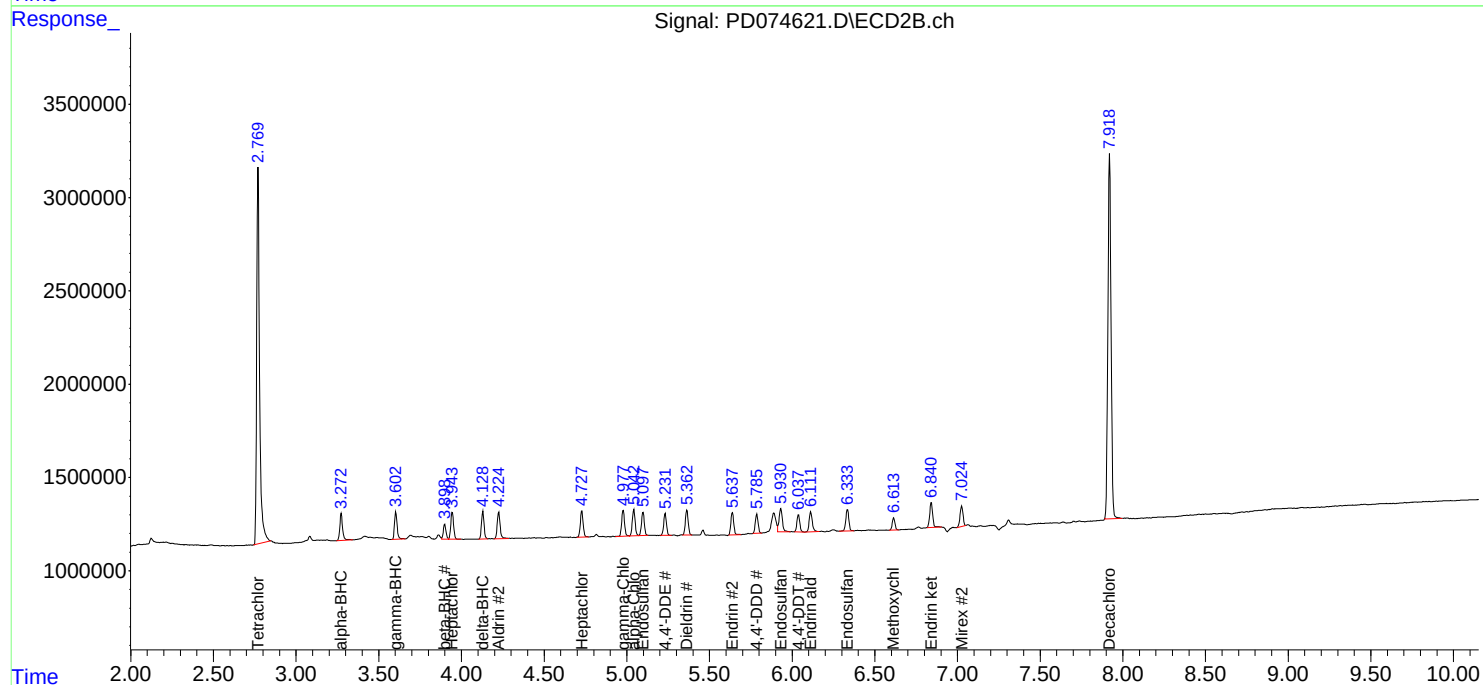
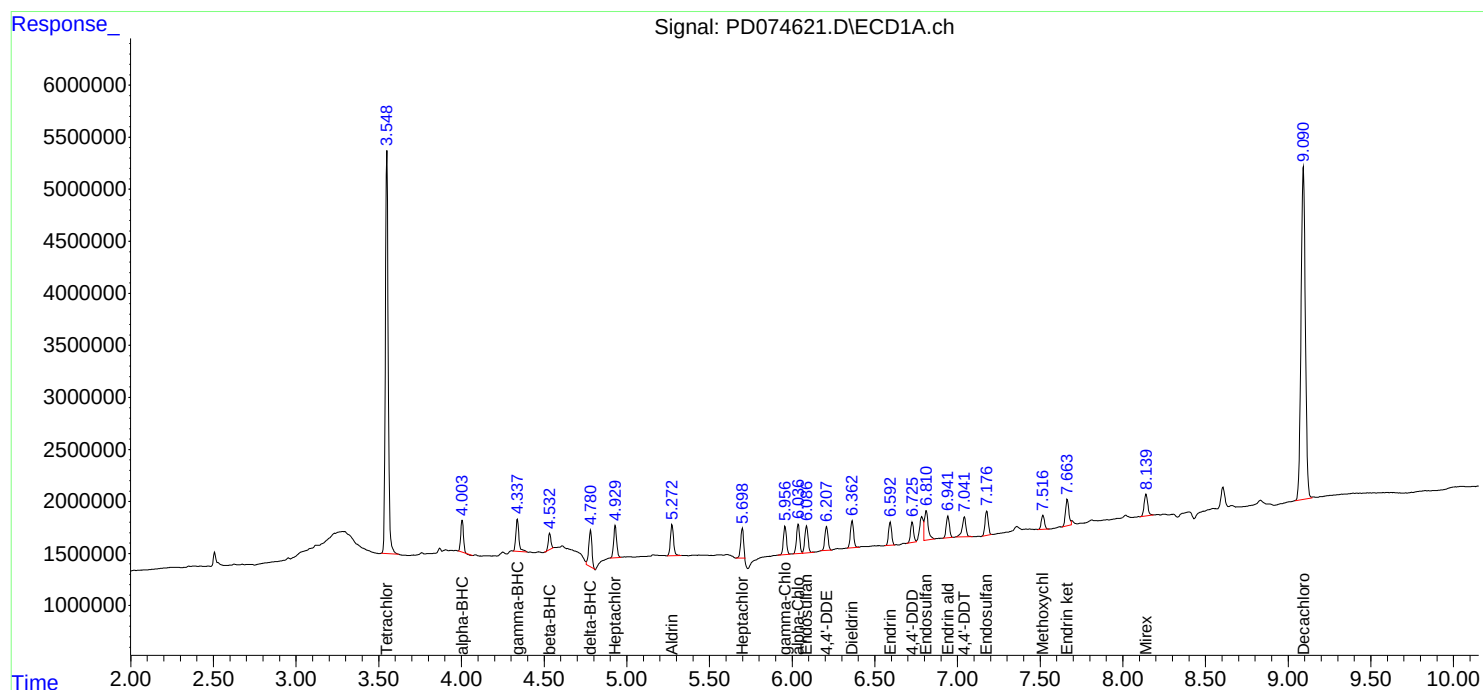
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

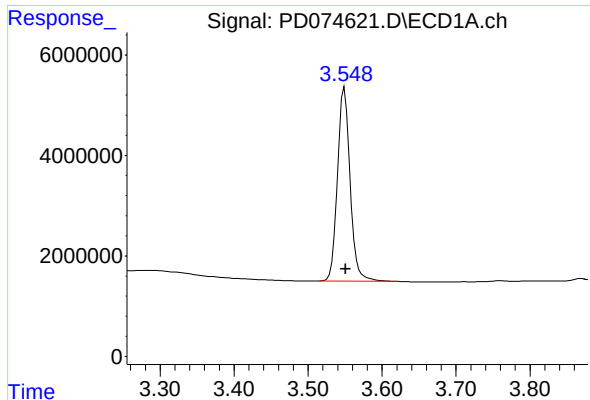
Manual Integrations
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Supervised By :Ankita Jodhani 04/10/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 07 22:01:00 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





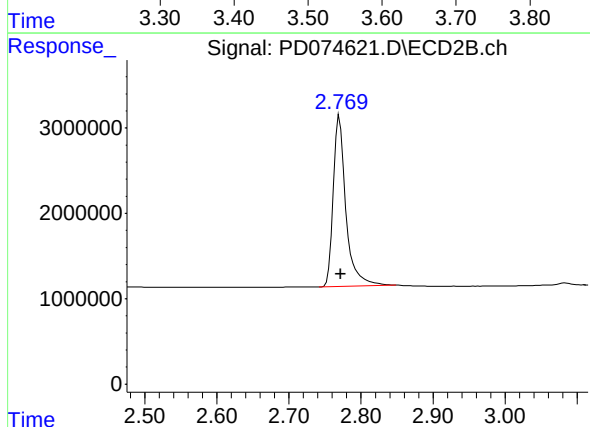
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: -0.002 min
Response: 45657394
Conc: 19.57 ng/ml

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

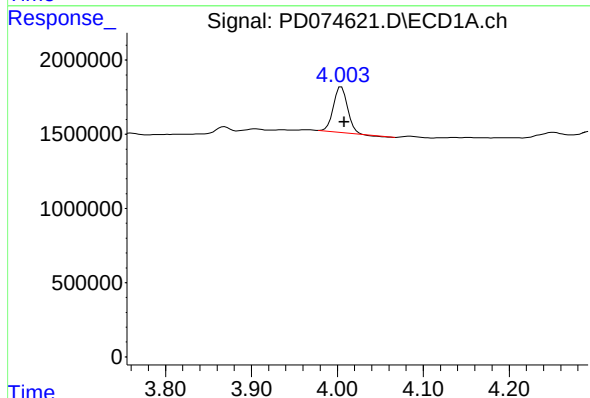
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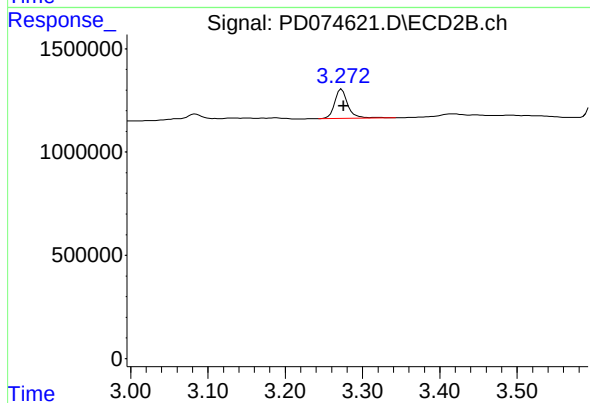
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 24248611
Conc: 19.92 ng/ml



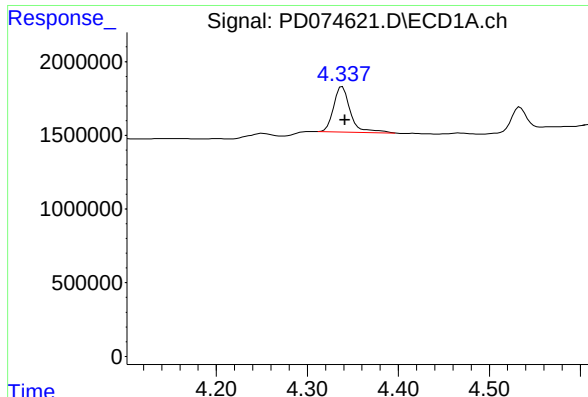
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: -0.003 min
Response: 3516430
Conc: 0.91 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: -0.003 min
Response: 1691243
Conc: 0.91 ng/ml



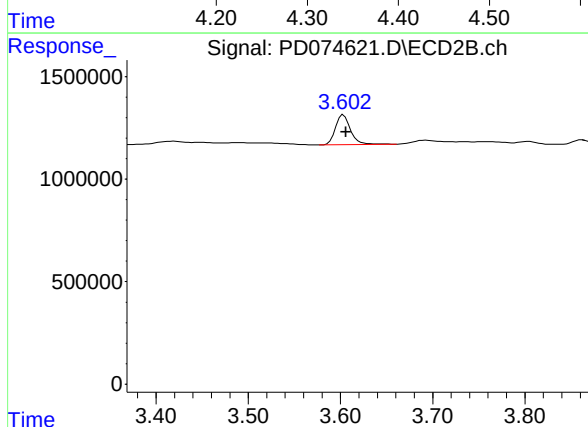
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: -0.003 min
Response: 3938682
Conc: 1.12 ng/ml

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

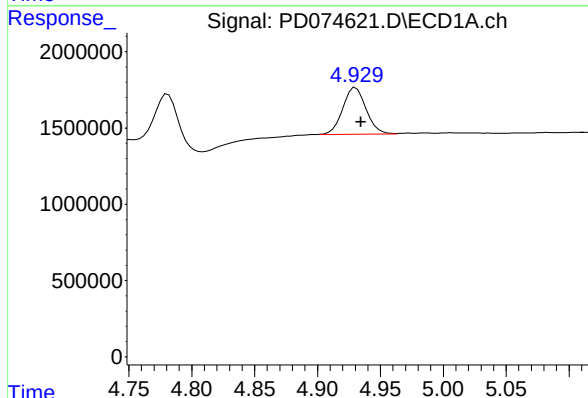
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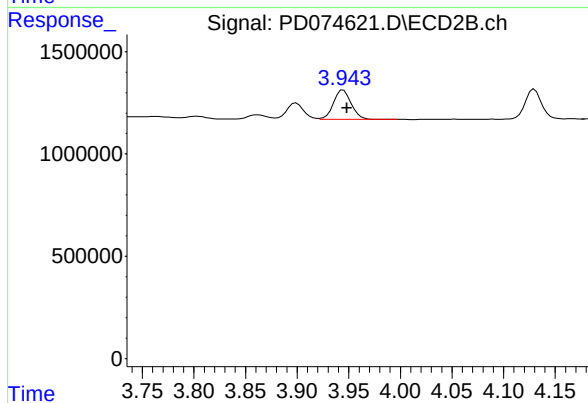
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: -0.002 min
Response: 1655886
Conc: 0.97 ng/ml



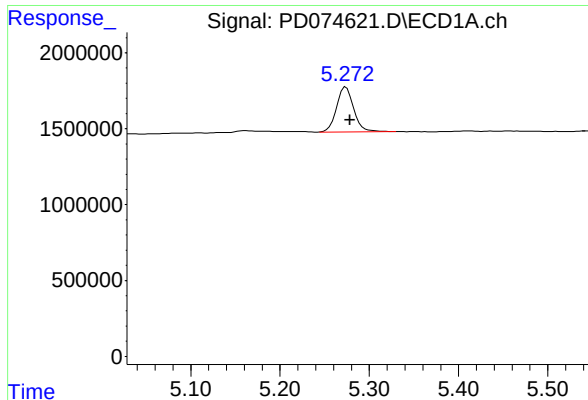
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: -0.004 min
Response: 3923054
Conc: 1.14 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: -0.003 min
Response: 1708714
Conc: 1.00 ng/ml



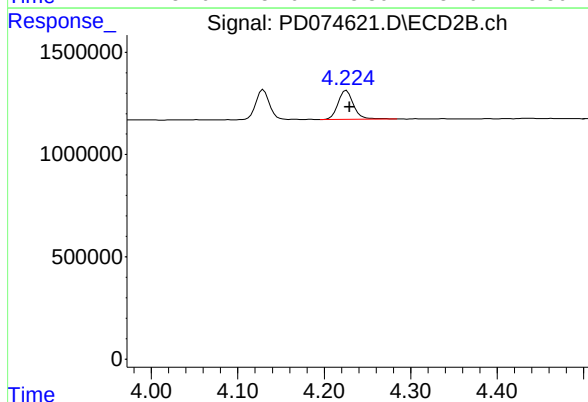
#5 Aldrin

R.T.: 5.274 min
Delta R.T.: -0.005 min
Response: 3975515
Conc: 1.18 ng/ml

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

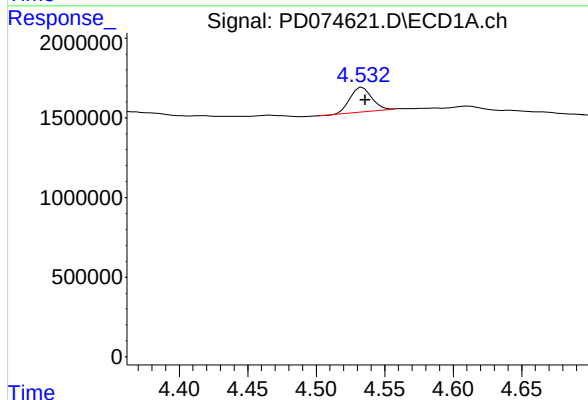
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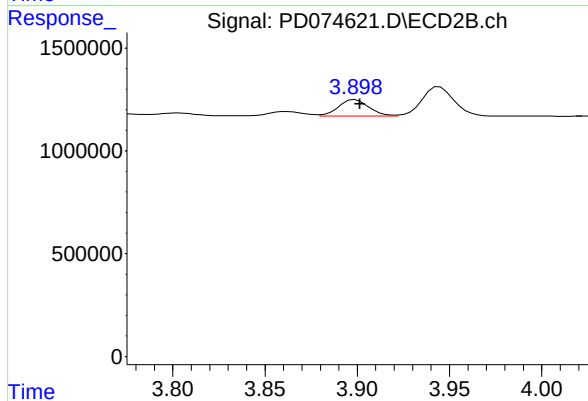
#5 Aldrin

R.T.: 4.226 min
Delta R.T.: -0.004 min
Response: 1736086
Conc: 1.03 ng/ml



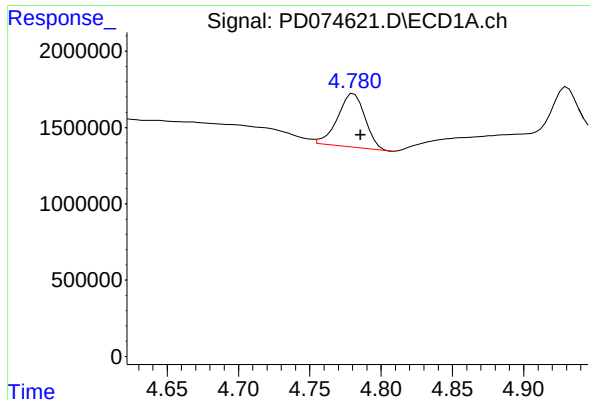
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: -0.002 min
Response: 1691763
Conc: 1.14 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: -0.002 min
Response: 909533
Conc: 1.20 ng/ml



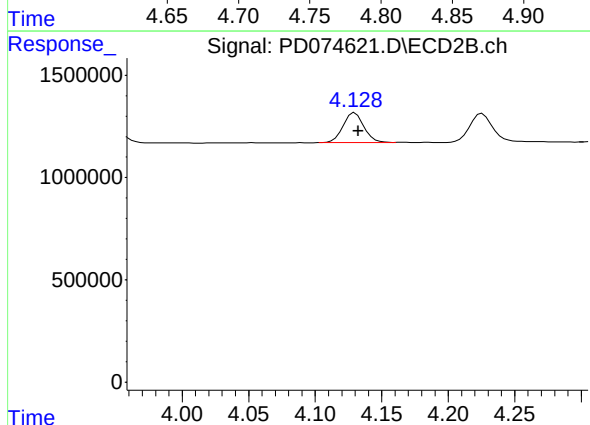
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: -0.005 min
Response: 4712690
Conc: 1.72 ng/ml

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

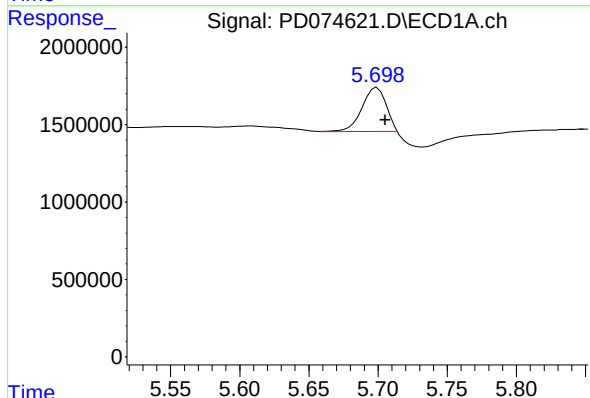
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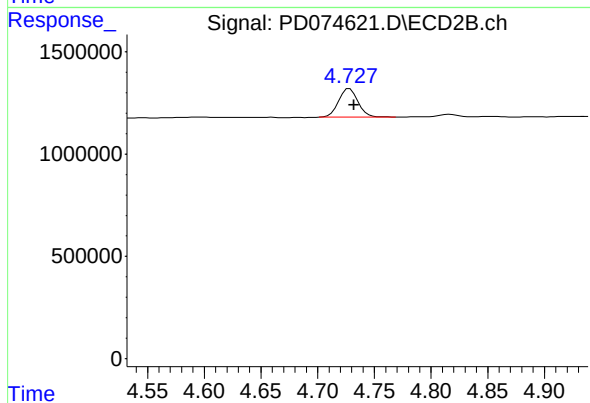
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.003 min
Response: 1604485
Conc: 0.94 ng/ml



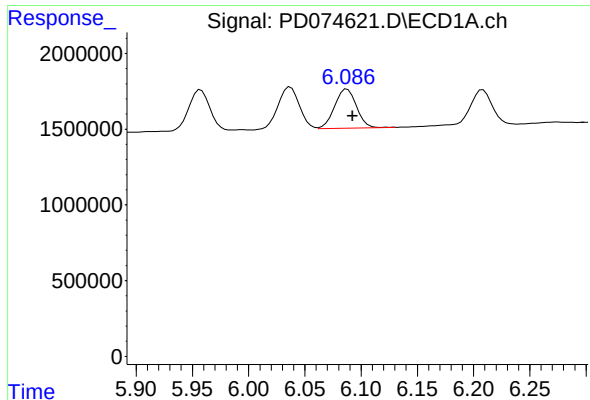
#8 Heptachlor epoxide

R.T.: 5.698 min
Delta R.T.: -0.007 min
Response: 3428838
Conc: 1.22 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.728 min
Delta R.T.: -0.004 min
Response: 1660806
Conc: 1.08 ng/ml



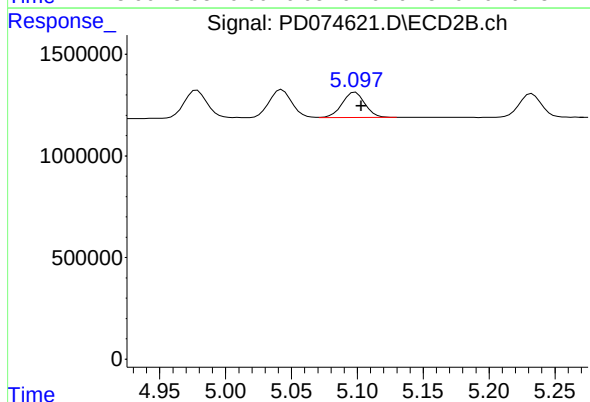
#9 Endosulfan I

R.T.: 6.088 min
Delta R.T.: -0.005 min
Response: 3474504
Conc: 1.22 ng/ml

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

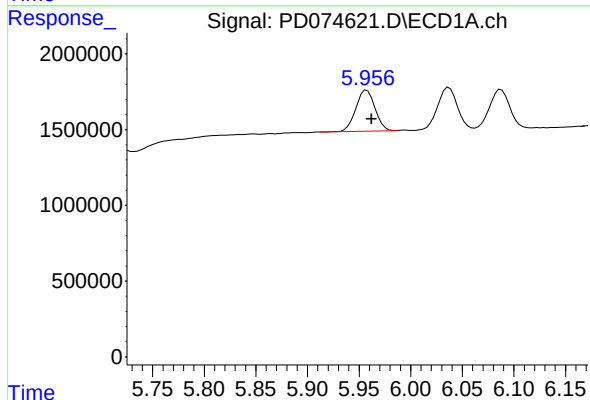
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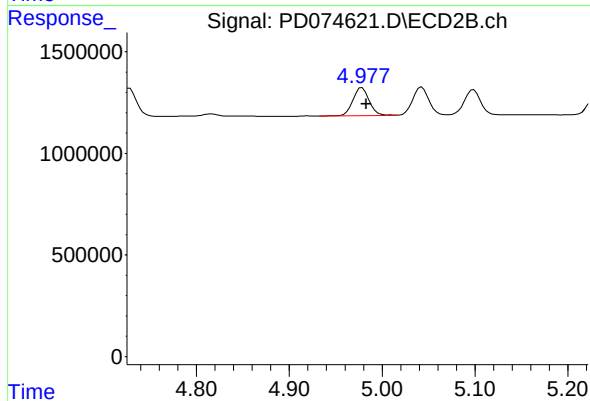
#9 Endosulfan I

R.T.: 5.099 min
Delta R.T.: -0.004 min
Response: 1508170
Conc: 1.05 ng/ml



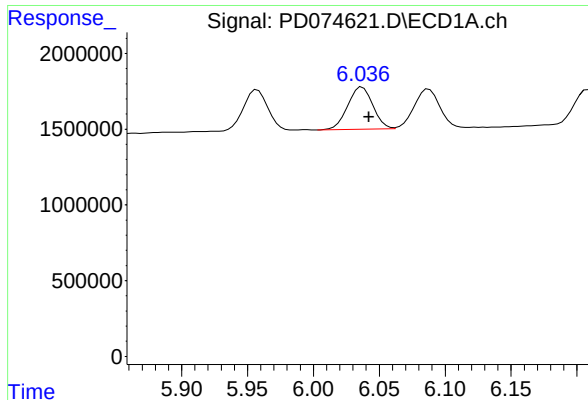
#10 gamma-Chlordane

R.T.: 5.957 min
Delta R.T.: -0.005 min
Response: 3494699
Conc: 1.16 ng/ml



#10 gamma-Chlordane

R.T.: 4.978 min
Delta R.T.: -0.005 min
Response: 1700085
Conc: 1.09 ng/ml



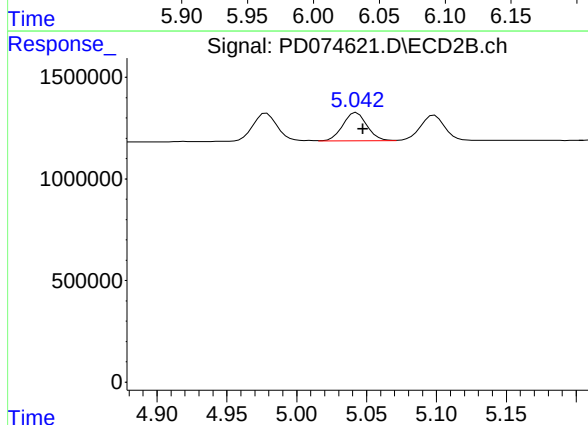
#11 alpha-Chlordane

R.T.: 6.037 min
Delta R.T.: -0.005 min
Response: 3683175
Conc: 1.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
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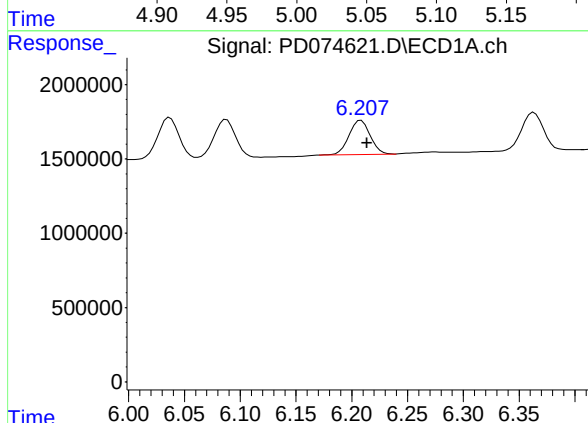
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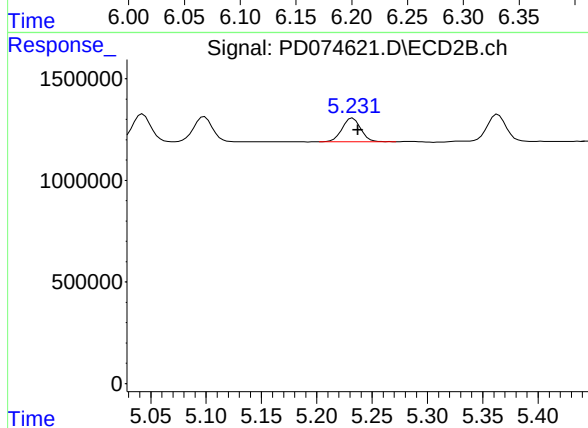
#11 alpha-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.004 min
Response: 1688492
Conc: 1.10 ng/ml



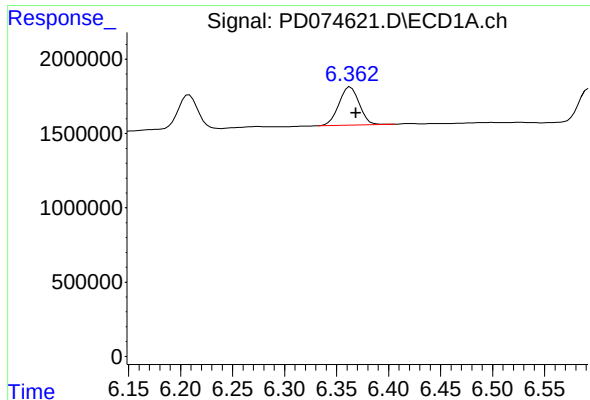
#12 4,4'-DDE

R.T.: 6.208 min
Delta R.T.: -0.005 min
Response: 3050472
Conc: 1.11 ng/ml



#12 4,4'-DDE

R.T.: 5.233 min
Delta R.T.: -0.005 min
Response: 1376822
Conc: 0.98 ng/ml



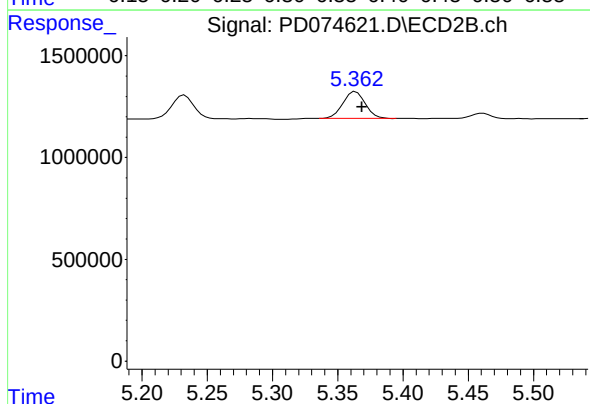
#13 Dieldrin

R.T.: 6.363 min
Delta R.T.: -0.005 min
Response: 3508877
Conc: 1.19 ng/ml

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

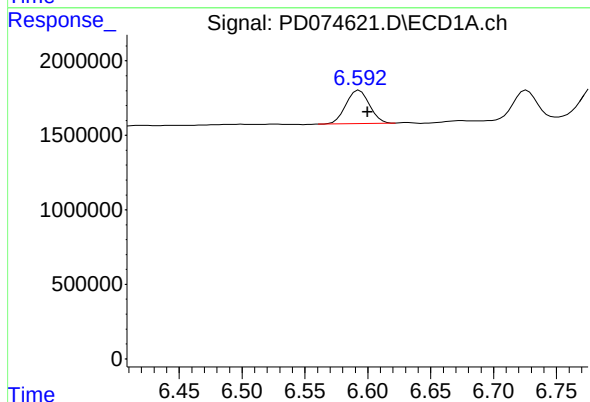
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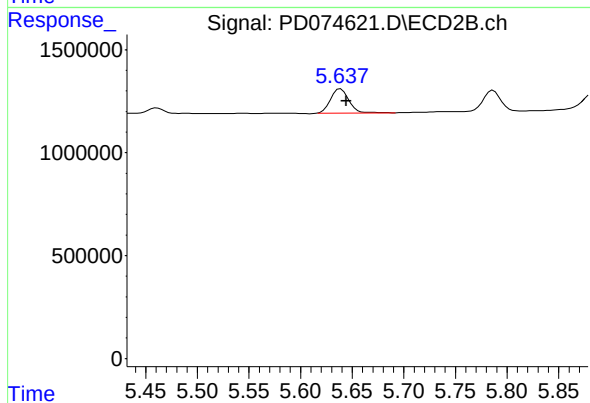
#13 Dieldrin

R.T.: 5.364 min
Delta R.T.: -0.005 min
Response: 1576838
Conc: 1.05 ng/ml



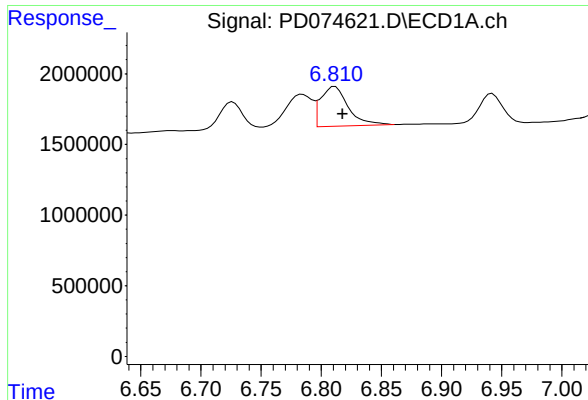
#14 Endrin

R.T.: 6.593 min
Delta R.T.: -0.007 min
Response: 2900308
Conc: 1.17 ng/ml



#14 Endrin

R.T.: 5.639 min
Delta R.T.: -0.005 min
Response: 1462054
Conc: 1.12 ng/ml



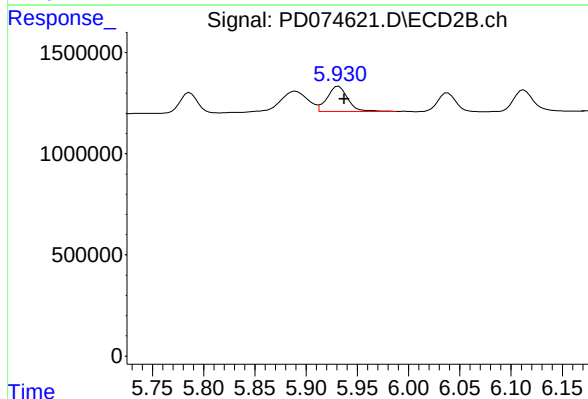
#15 Endosulfan II

R.T.: 6.811 min
Delta R.T.: -0.007 min
Response: 4535791
Conc: 1.76 ng/ml

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

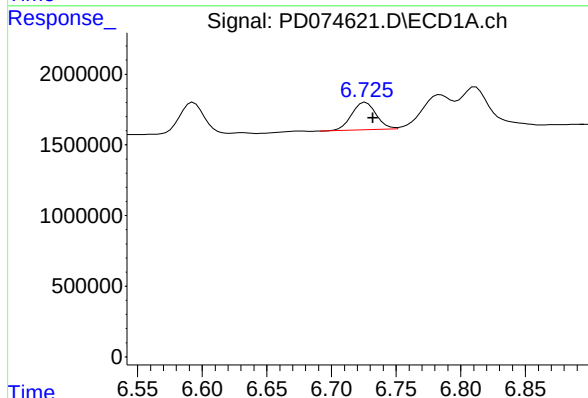
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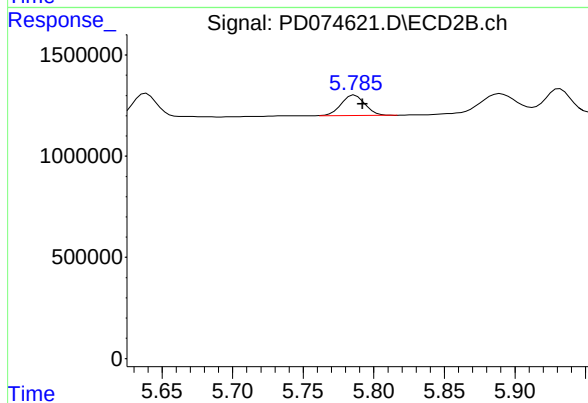
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: -0.006 min
Response: 1734891
Conc: 1.38 ng/ml



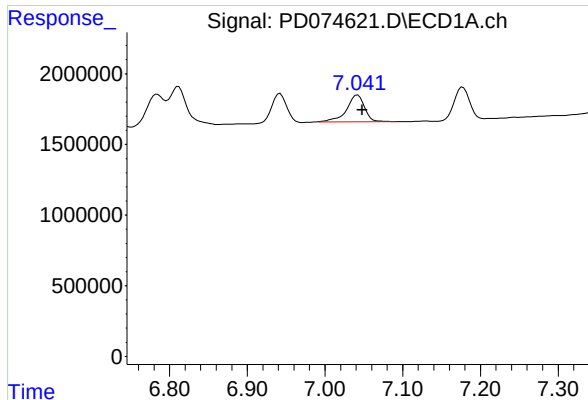
#16 4,4'-DDD

R.T.: 6.726 min
Delta R.T.: -0.005 min
Response: 2562612
Conc: 1.14 ng/ml



#16 4,4'-DDD

R.T.: 5.787 min
Delta R.T.: -0.005 min
Response: 1190987
Conc: 1.02 ng/ml



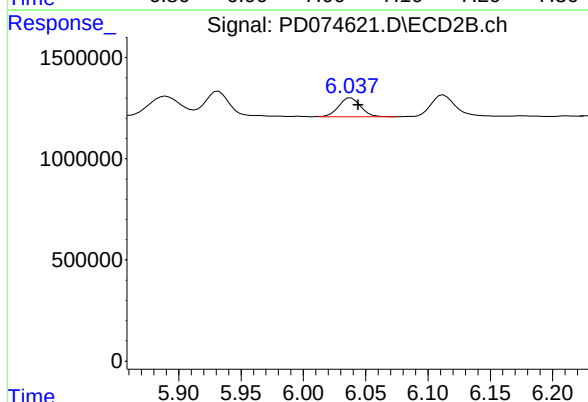
#17 4,4'-DDT

R.T.: 7.042 min
Delta R.T.: -0.006 min
Response: 3013921
Conc: 1.18 ng/ml

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

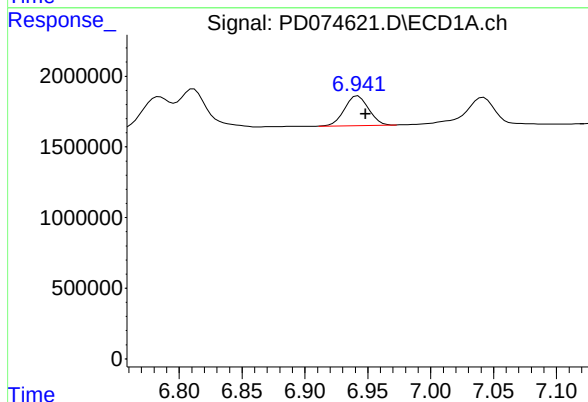
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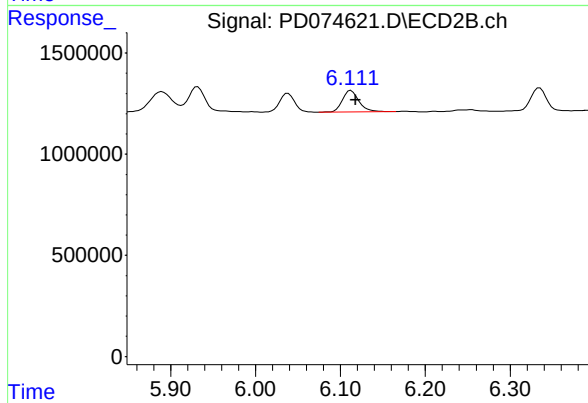
#17 4,4'-DDT

R.T.: 6.038 min
Delta R.T.: -0.006 min
Response: 1132377
Conc: 0.92 ng/ml



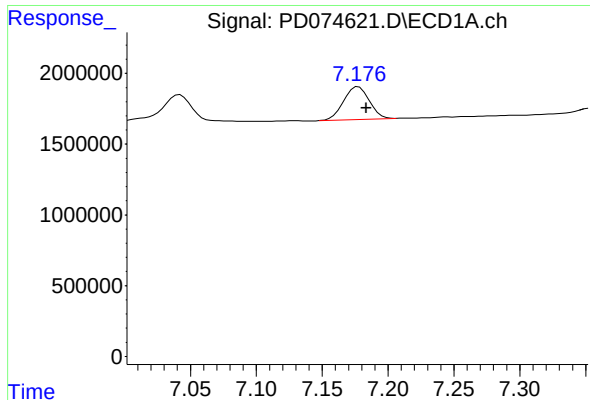
#18 Endrin aldehyde

R.T.: 6.942 min
Delta R.T.: -0.006 min
Response: 2789980
Conc: 1.40 ng/ml



#18 Endrin aldehyde

R.T.: 6.113 min
Delta R.T.: -0.005 min
Response: 1445238
Conc: 1.42 ng/ml



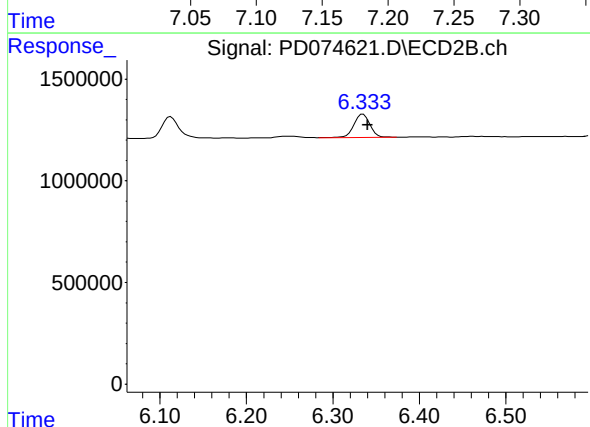
#19 Endosulfan Sulfate

R.T.: 7.177 min
Delta R.T.: -0.006 min
Response: 3149909
Conc: 1.28 ng/ml

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

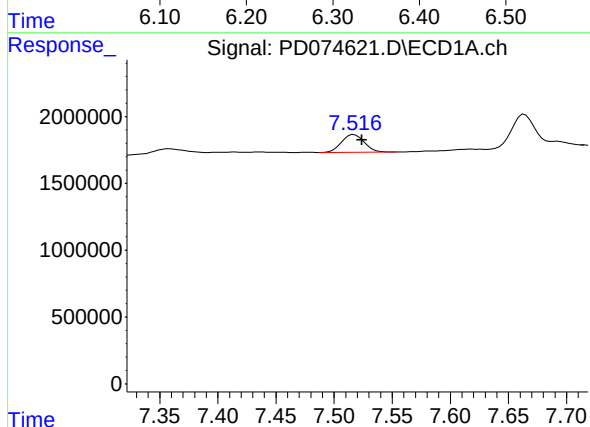
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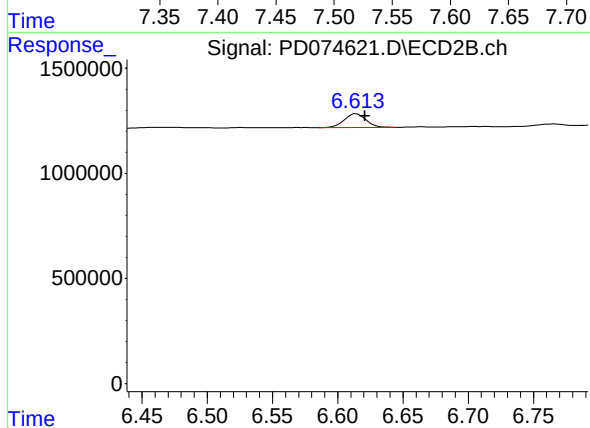
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: -0.006 min
Response: 1486359
Conc: 1.22 ng/ml



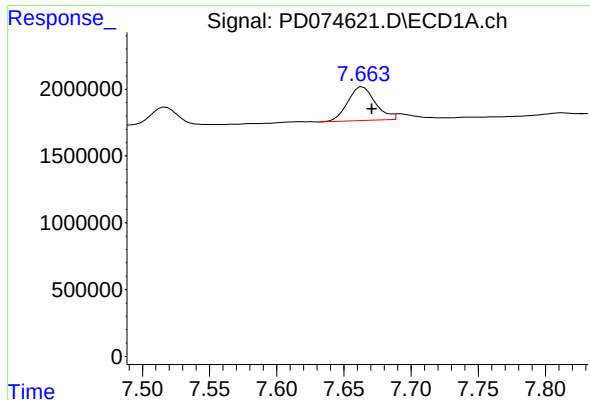
#20 Methoxychlor

R.T.: 7.517 min
Delta R.T.: -0.007 min
Response: 1818920
Conc: 1.30 ng/ml



#20 Methoxychlor

R.T.: 6.614 min
Delta R.T.: -0.006 min
Response: 762691
Conc: 1.13 ng/ml



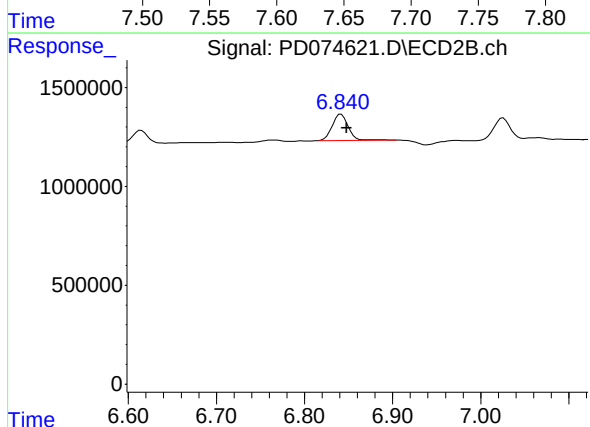
#21 Endrin ketone

R.T.: 7.664 min
Delta R.T.: -0.007 min
Response: 3569299
Conc: 1.28 ng/ml

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

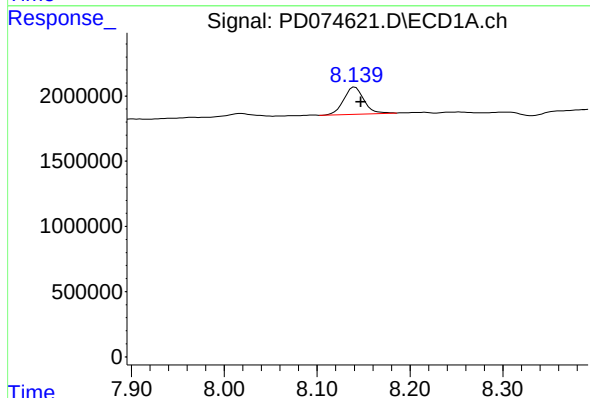
Manual Integrations
APPROVED

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



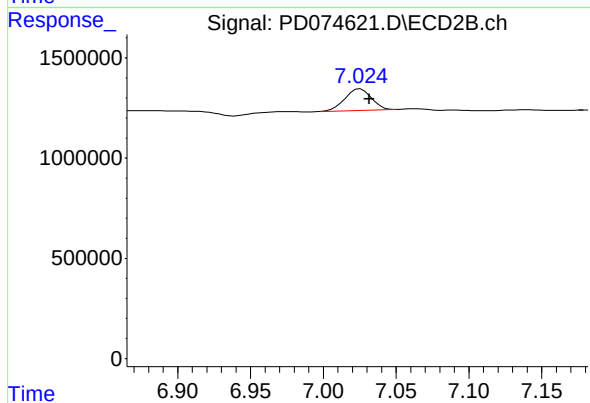
#21 Endrin ketone

R.T.: 6.842 min
Delta R.T.: -0.006 min
Response: 1700737
Conc: 1.15 ng/ml



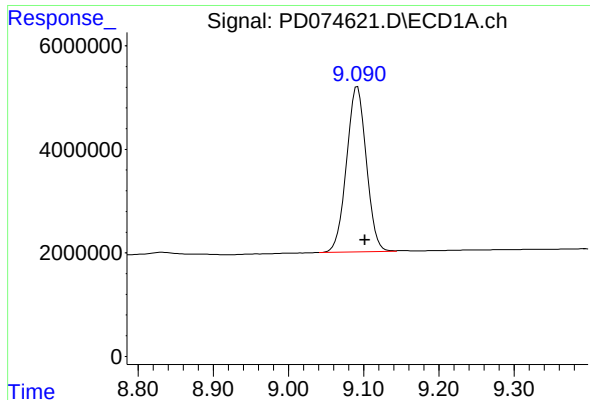
#22 Mirex

R.T.: 8.141 min
Delta R.T.: -0.006 min
Response: 3129891
Conc: 1.47 ng/ml



#22 Mirex

R.T.: 7.025 min
Delta R.T.: -0.006 min
Response: 1364649
Conc: 1.20 ng/ml



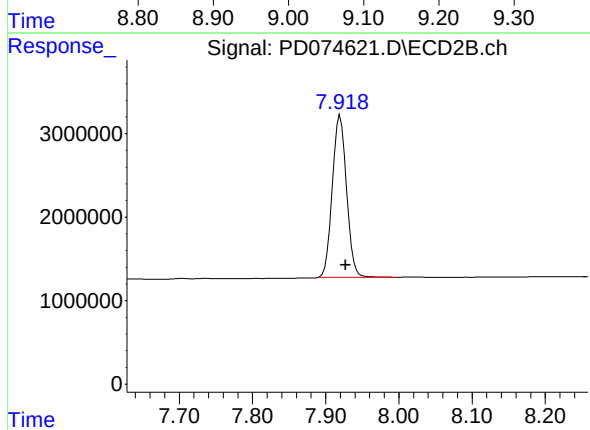
#28 Decachlorobiphenyl

R.T.: 9.092 min
Delta R.T.: -0.010 min
Response: 58367745
Conc: 21.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: -0.008 min
Response: 26198639
Conc: 21.35 ng/ml