

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080923\
 Data File : PD077033.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 11:45
 Operator : AR\AJ
 Sample : 03572-07
 Misc : PEST LOD 1PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/11/2023
 Supervised By :Ankita Jodhani 08/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 21:35:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 14:17:41 2023
 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...	3.544	2.762	39982242	22408302	16.895	16.451
28)	SA Decachlor...	9.091	7.906	52537509	25633078	19.173	17.912
Target Compounds							
2)	A alpha-BHC	4.000	3.264	3496392	1839287	0.911	0.951
3)	MA gamma-BHC...	4.334	3.594	3366586	1670879	0.915	0.898
4)	MA Heptachlor	4.925	3.934	3792033	1716134	1.052	0.945
5)	MB Aldrin	5.269	4.214	3806422	2028714	1.030	1.096
6)	B beta-BHC	4.532	3.891	1351748	841346	0.898	1.103
7)	B delta-BHC	4.778	4.121	5197102	1662347	1.490	0.934 #
8)	B Heptachlo...	5.696	4.716	4534223	1690193	1.369	1.011 #
9)	A Endosulfan I	6.083	5.086	3681051	1470230	1.211	0.942
10)	B gamma-Chl...	5.953	4.967	3578241	1749145	1.099	1.054
11)	B alpha-Chl...	6.032	5.031	3604187	1758151	1.099	1.053
12)	B 4,4'-DDE	6.205	5.220	2940070	1387844	0.991	0.957
13)	MA Dieldrin	6.359	5.350	3531866	1536984	1.079	0.912m
14)	MA Endrin	6.589	5.628	2767851	1567284	0.996m	1.071
15)	B Endosulfa...	6.810	5.920	3356756	1423241	1.055	0.966m
16)	A 4,4'-DDD	6.724	5.775	2402570	1110898	1.021	0.999
17)	MA 4,4'-DDT	7.039	6.026	1775512	791687	0.730	0.712
18)	B Endrin al...	6.940	6.101	2629949	1257922	1.204	1.105
19)	B Endosulfa...	7.175	6.324	3042467	1466220	1.168	1.099
20)	A Methoxychlor	7.514	6.602	1452408	489417	1.025m	0.819
21)	B Endrin ke...	7.663	6.831	3416156	1524084	1.134	0.961
22)	Mirex	8.138	7.013	2989617	1508074	1.311	1.165

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080923\
Data File : PD077033.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Aug 2023 11:45
Operator : AR\AJ
Sample : 03572-07
Misc : PEST LOD 1PPB
ALS Vial : 8 Sample Multiplier: 1

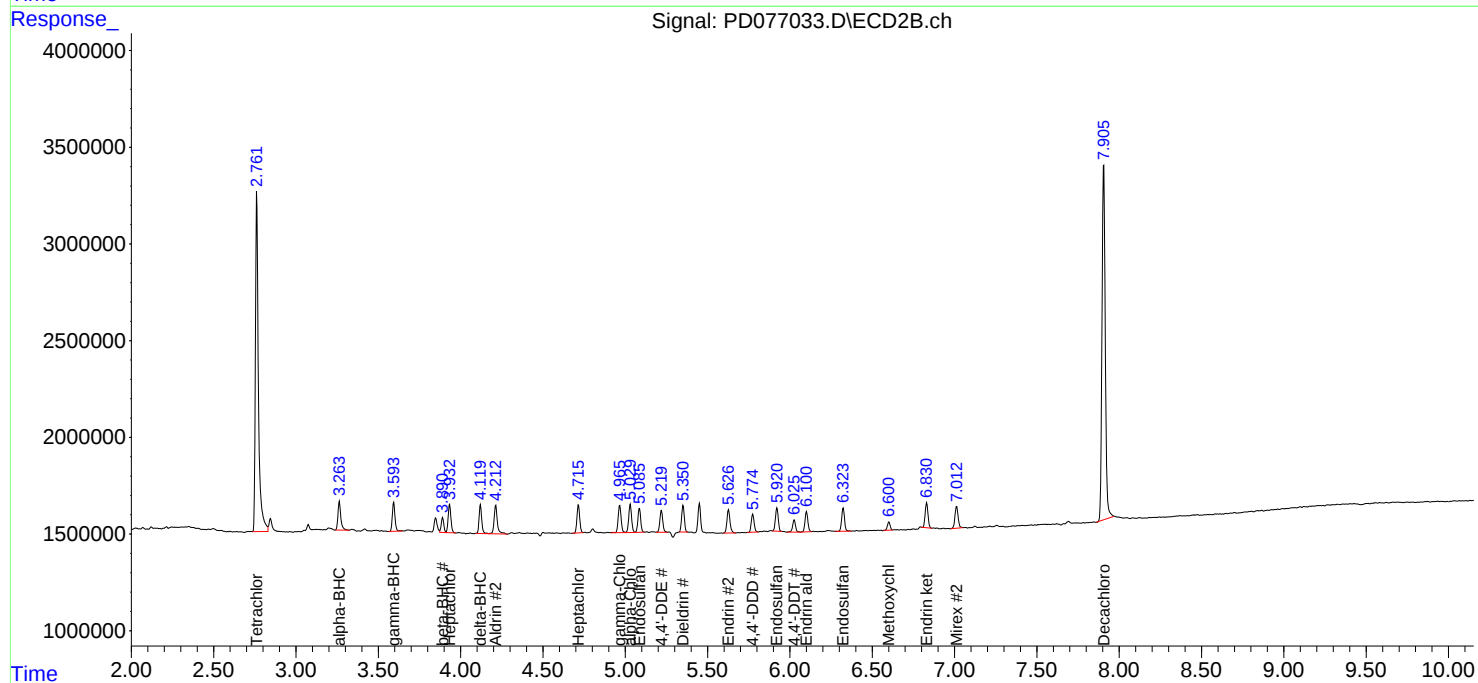
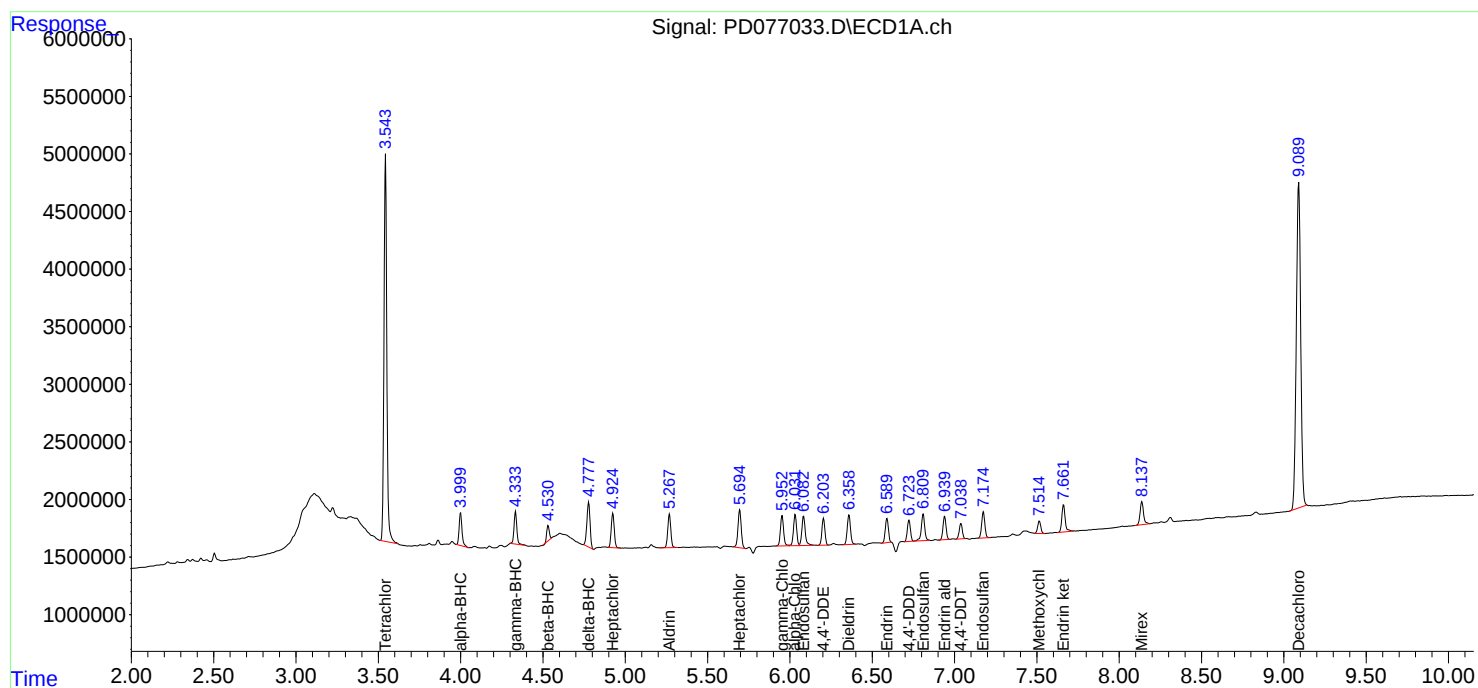
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

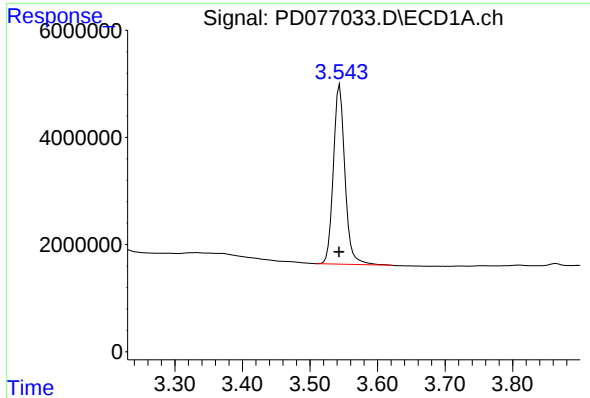
Manual Integrations
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Supervised By :Ankita Jodhani 08/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 21:35:13 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 14:17:41 2023
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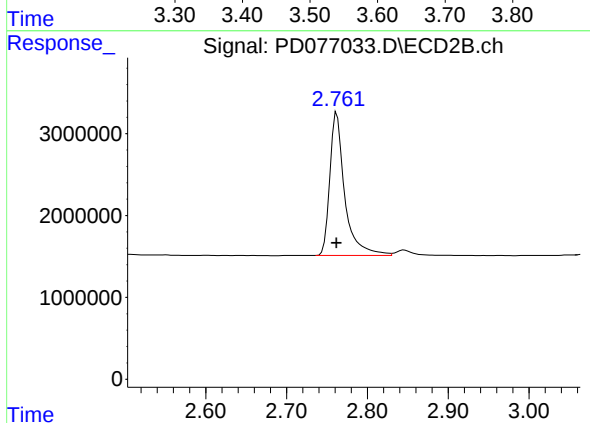
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.001 min
Response: 39982242
Conc: 16.90 ng/ml

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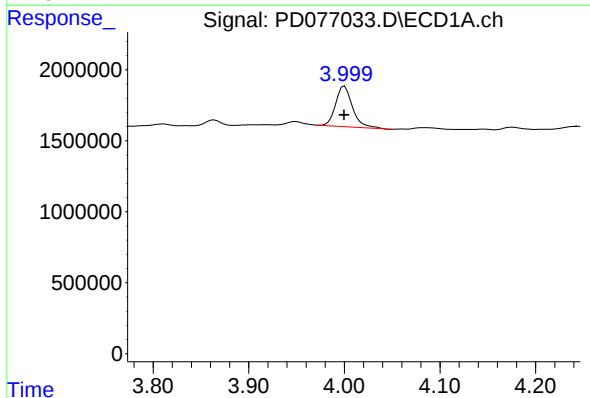
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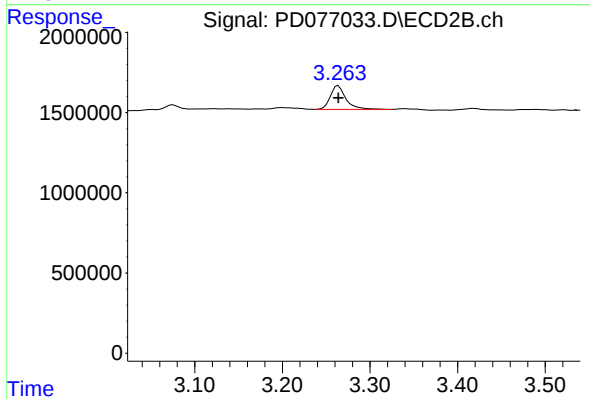
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: 0.000 min
Response: 22408302
Conc: 16.45 ng/ml



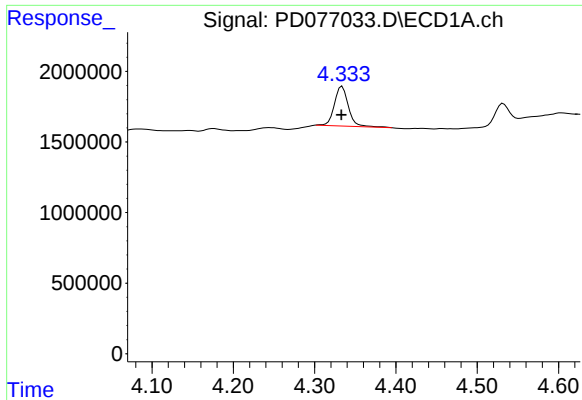
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 3496392
Conc: 0.91 ng/ml



#2 alpha-BHC

R.T.: 3.264 min
Delta R.T.: 0.000 min
Response: 1839287
Conc: 0.95 ng/ml



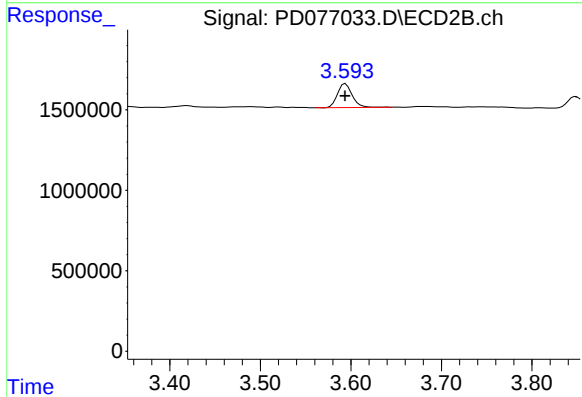
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 3366586
Conc: 0.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

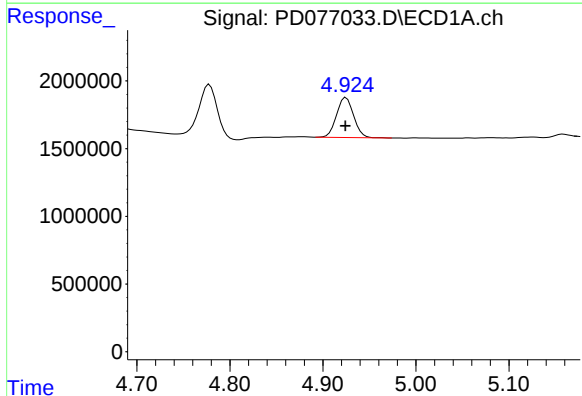
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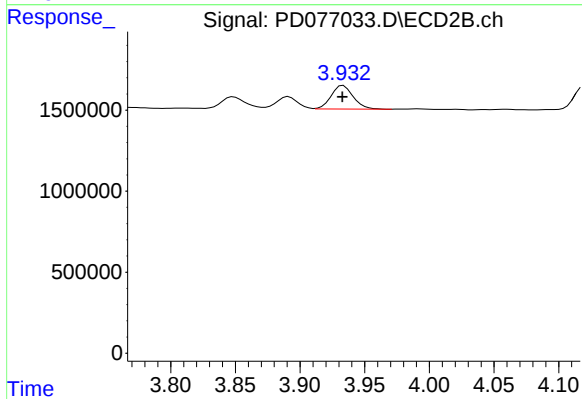
#3 gamma-BHC (Lindane)

R.T.: 3.594 min
Delta R.T.: 0.000 min
Response: 1670879
Conc: 0.90 ng/ml



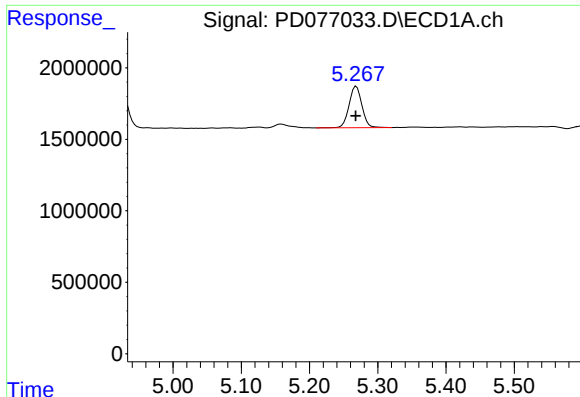
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: 0.000 min
Response: 3792033
Conc: 1.05 ng/ml



#4 Heptachlor

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 1716134
Conc: 0.94 ng/ml



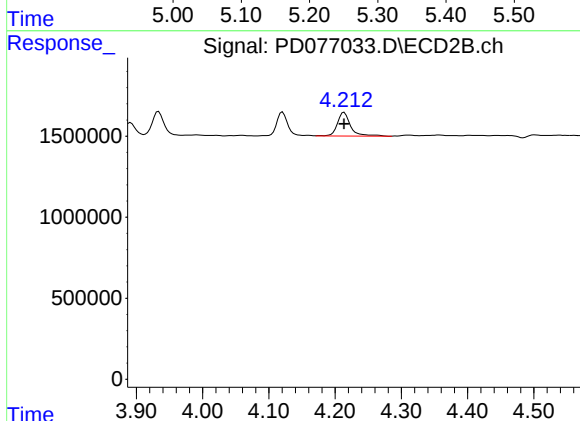
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 3806422
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

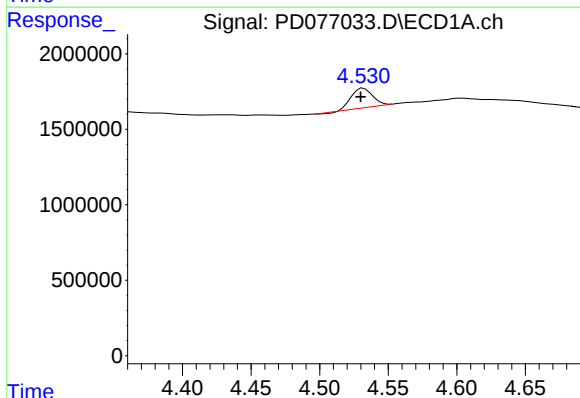
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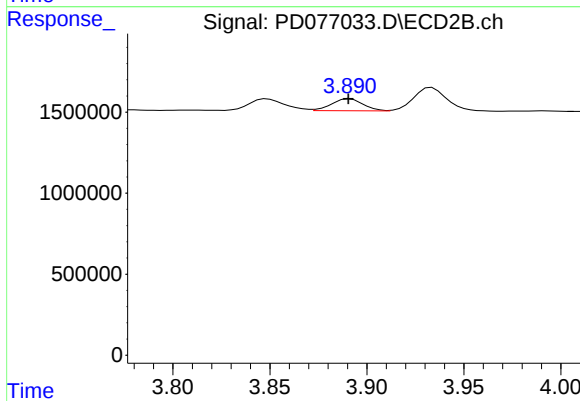
#5 Aldrin

R.T.: 4.214 min
Delta R.T.: 0.000 min
Response: 2028714
Conc: 1.10 ng/ml



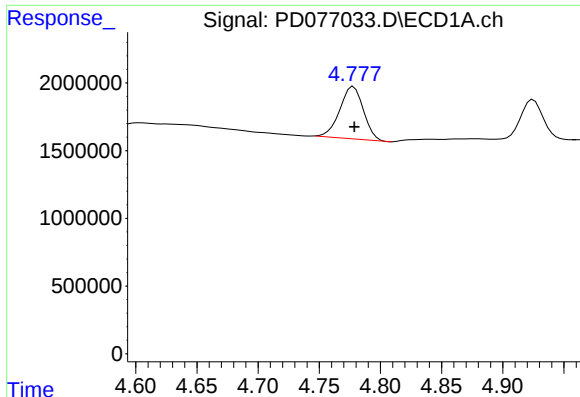
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.002 min
Response: 1351748
Conc: 0.90 ng/ml



#6 beta-BHC

R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 841346
Conc: 1.10 ng/ml



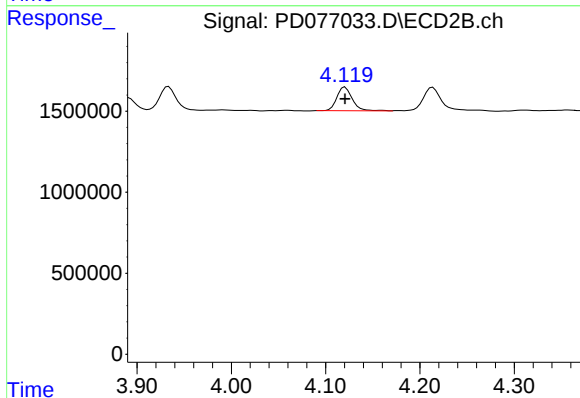
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.000 min
Response: 5197102
Conc: 1.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

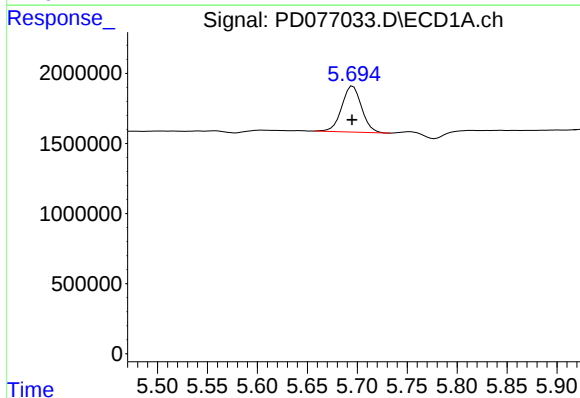
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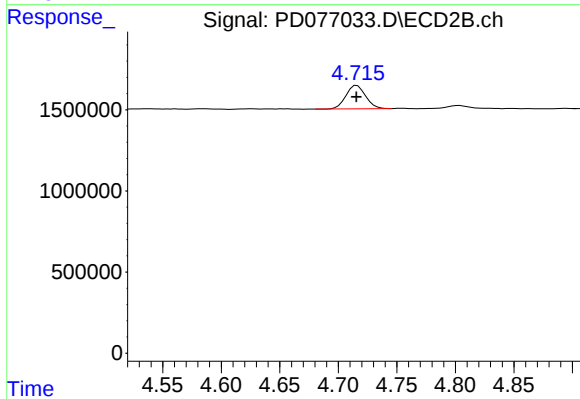
#7 delta-BHC

R.T.: 4.121 min
Delta R.T.: 0.000 min
Response: 1662347
Conc: 0.93 ng/ml



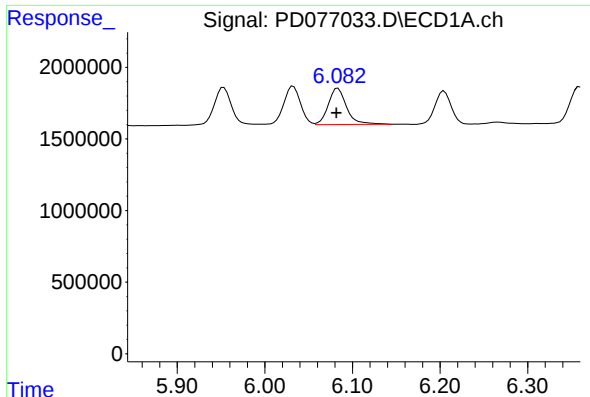
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 4534223
Conc: 1.37 ng/ml



#8 Heptachlor epoxide

R.T.: 4.716 min
Delta R.T.: 0.000 min
Response: 1690193
Conc: 1.01 ng/ml



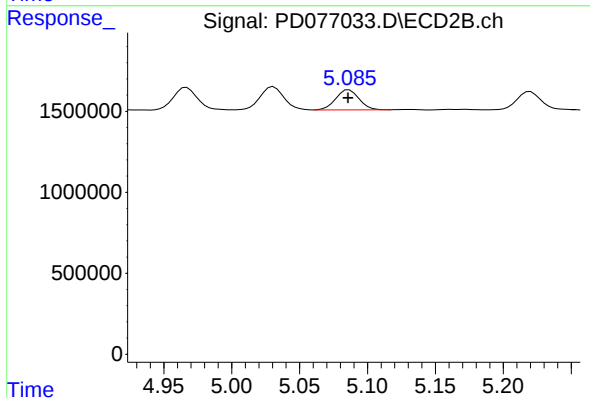
#9 Endosulfan I

R.T.: 6.083 min
Delta R.T.: 0.002 min
Response: 3681051
Conc: 1.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

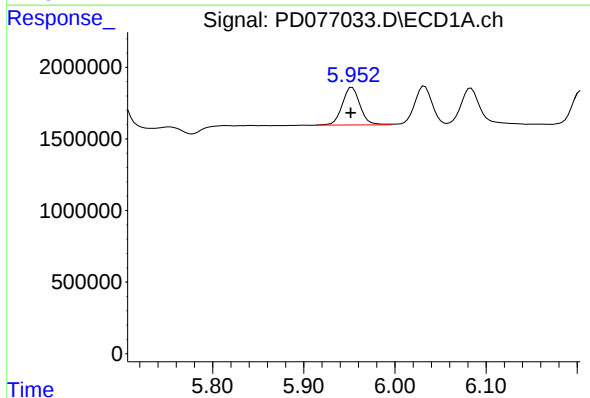
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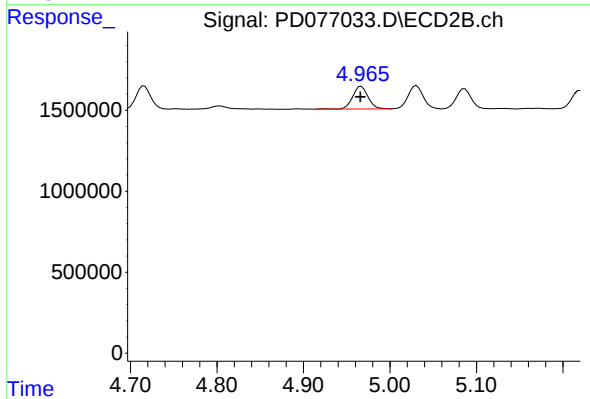
#9 Endosulfan I

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 1470230
Conc: 0.94 ng/ml



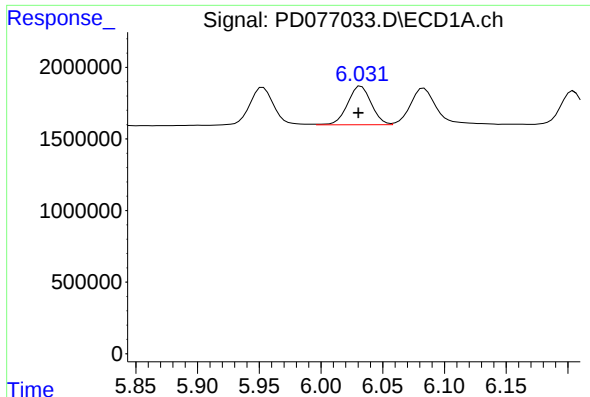
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.001 min
Response: 3578241
Conc: 1.10 ng/ml



#10 gamma-Chlordane

R.T.: 4.967 min
Delta R.T.: 0.000 min
Response: 1749145
Conc: 1.05 ng/ml



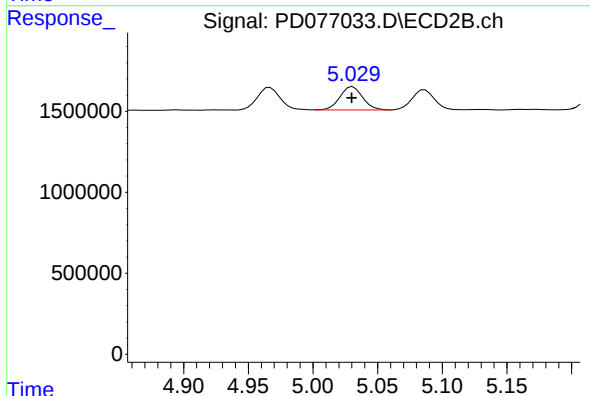
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.002 min
Response: 3604187
Conc: 1.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
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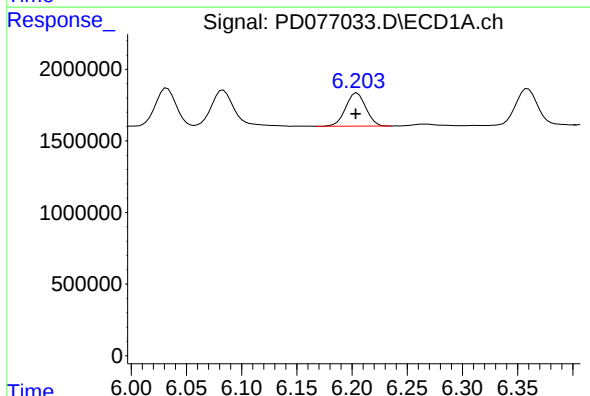
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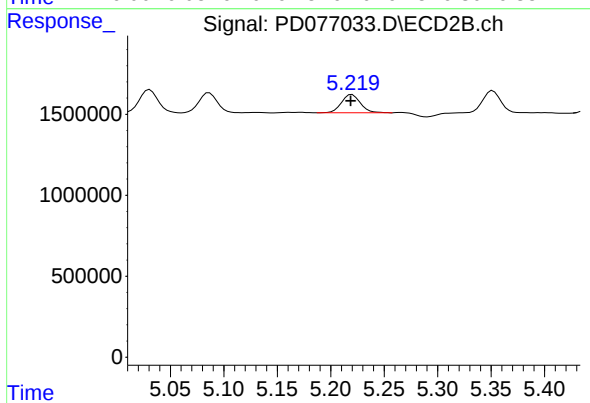
#11 alpha-Chlordane

R.T.: 5.031 min
Delta R.T.: 0.000 min
Response: 1758151
Conc: 1.05 ng/ml



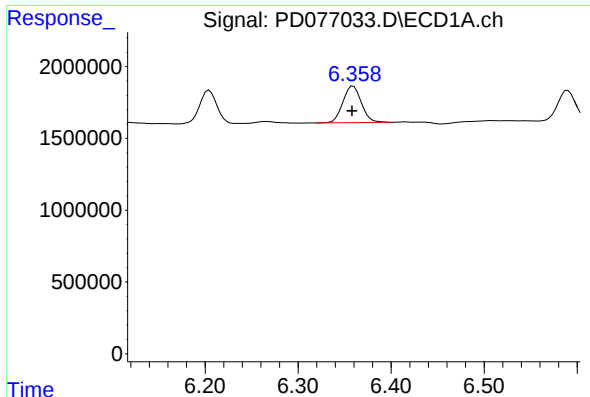
#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: 0.001 min
Response: 2940070
Conc: 0.99 ng/ml



#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: 0.001 min
Response: 1387844
Conc: 0.96 ng/ml



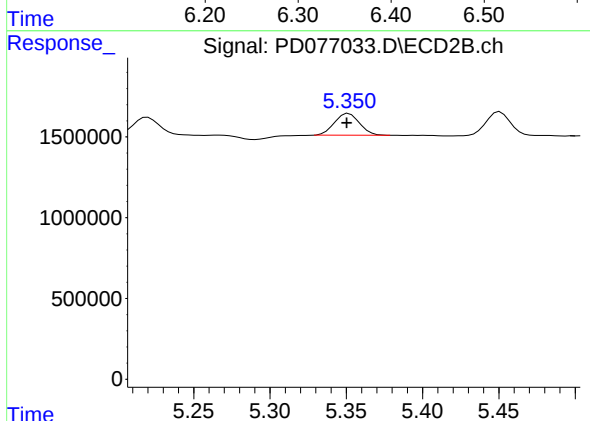
#13 Dieldrin

R.T.: 6.359 min
Delta R.T.: 0.001 min
Response: 3531866
Conc: 1.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

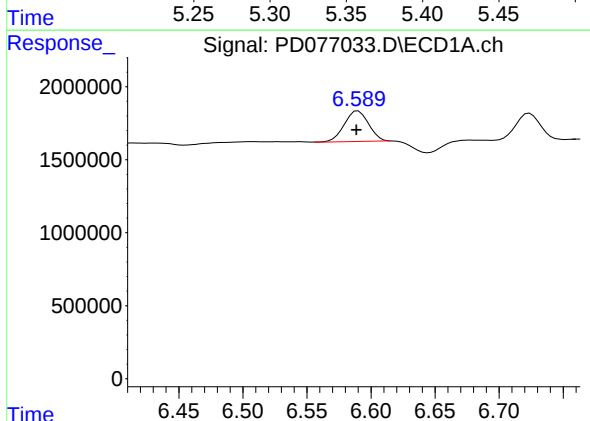
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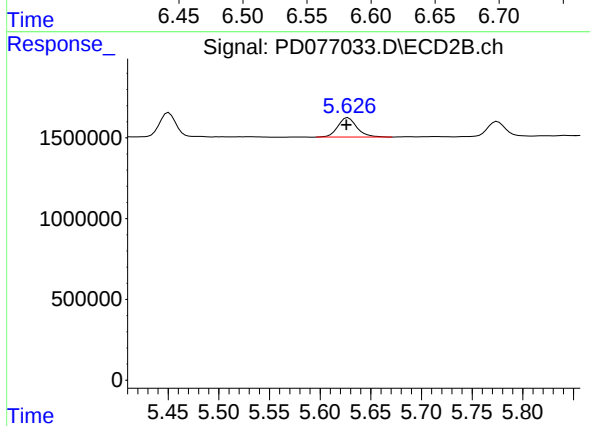
#13 Dieldrin

R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 1536984
Conc: 0.91 ng/ml m



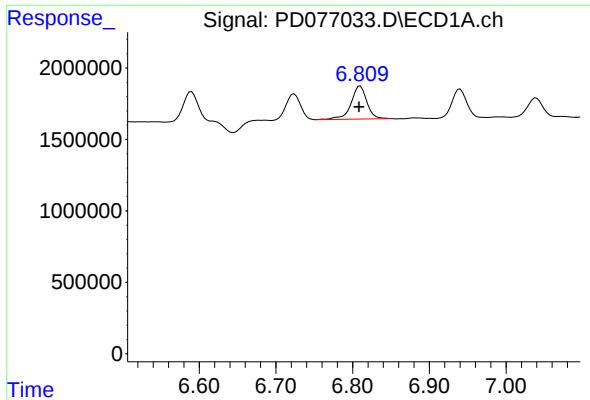
#14 Endrin

R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 2767851
Conc: 1.00 ng/ml m



#14 Endrin

R.T.: 5.628 min
Delta R.T.: 0.002 min
Response: 1567284
Conc: 1.07 ng/ml



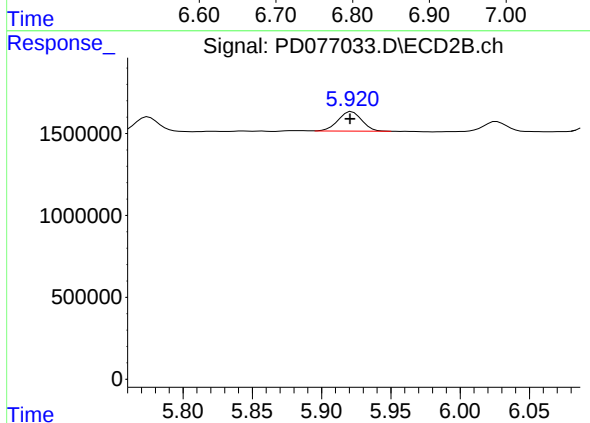
#15 Endosulfan II

R.T.: 6.810 min
Delta R.T.: 0.002 min
Response: 3356756
Conc: 1.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

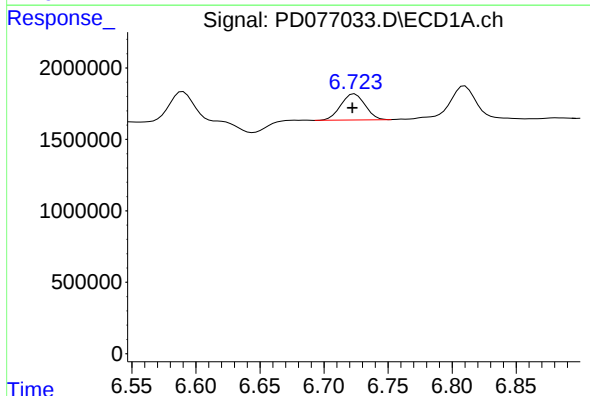
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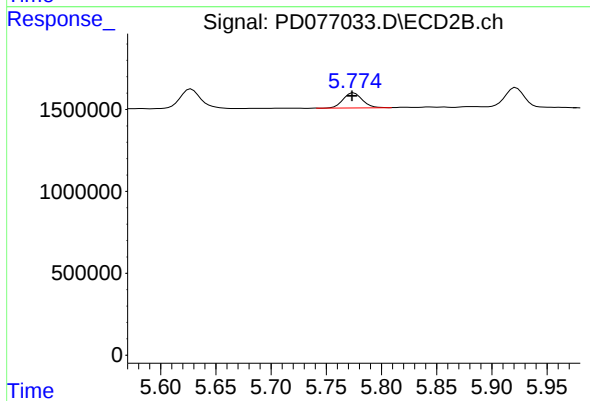
#15 Endosulfan II

R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 1423241
Conc: 0.97 ng/ml m



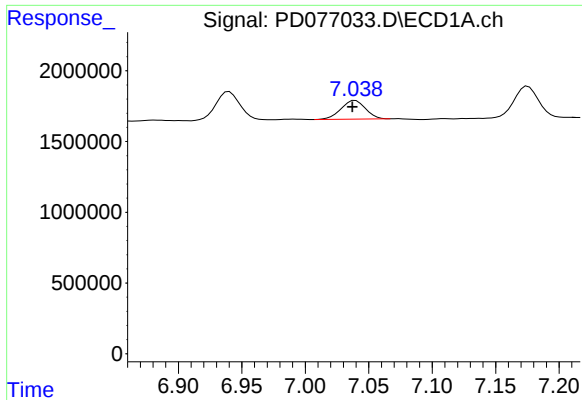
#16 4,4'-DDD

R.T.: 6.724 min
Delta R.T.: 0.002 min
Response: 2402570
Conc: 1.02 ng/ml



#16 4,4'-DDD

R.T.: 5.775 min
Delta R.T.: 0.002 min
Response: 1110898
Conc: 1.00 ng/ml



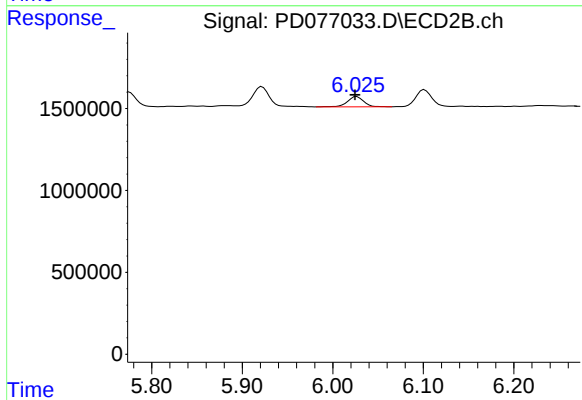
#17 4,4'-DDT

R.T.: 7.039 min
Delta R.T.: 0.002 min
Response: 1775512
Conc: 0.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

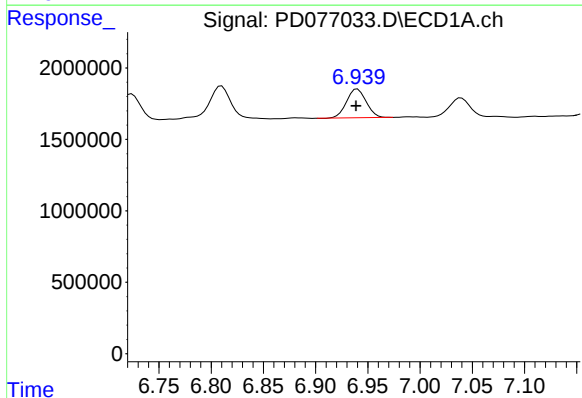
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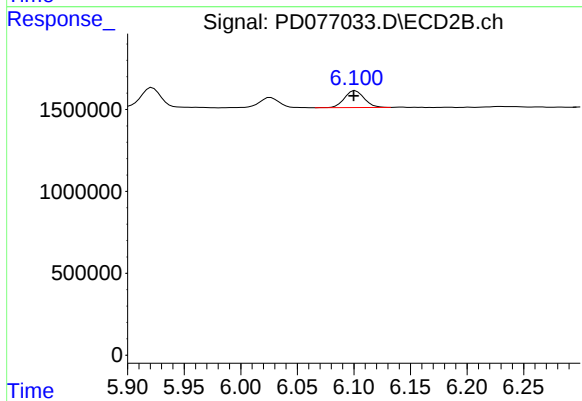
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: 0.002 min
Response: 791687
Conc: 0.71 ng/ml



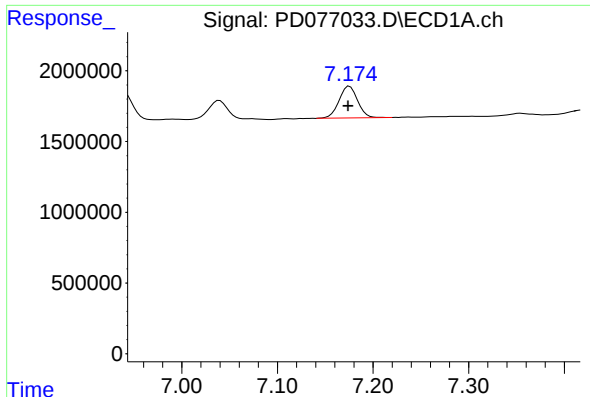
#18 Endrin aldehyde

R.T.: 6.940 min
Delta R.T.: 0.001 min
Response: 2629949
Conc: 1.20 ng/ml



#18 Endrin aldehyde

R.T.: 6.101 min
Delta R.T.: 0.002 min
Response: 1257922
Conc: 1.10 ng/ml



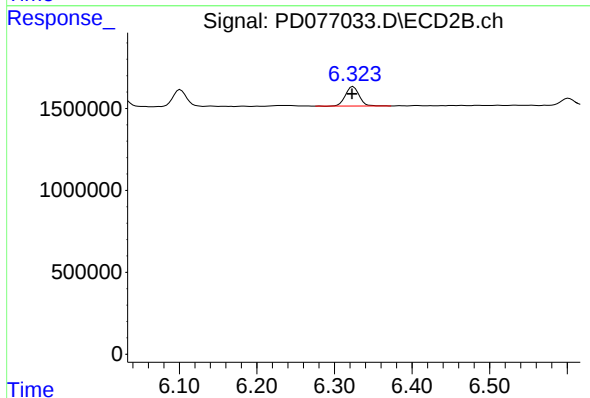
#19 Endosulfan Sulfate

R.T.: 7.175 min
Delta R.T.: 0.001 min
Response: 3042467
Conc: 1.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

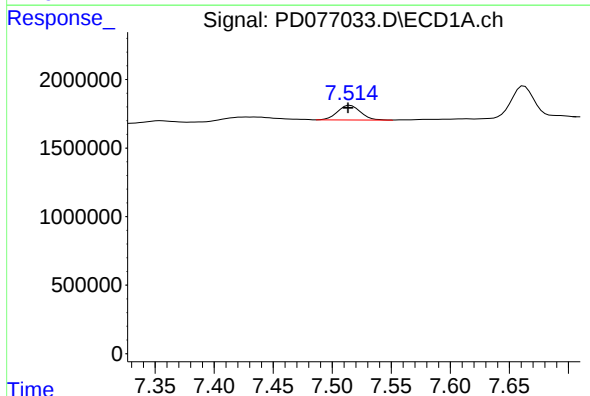
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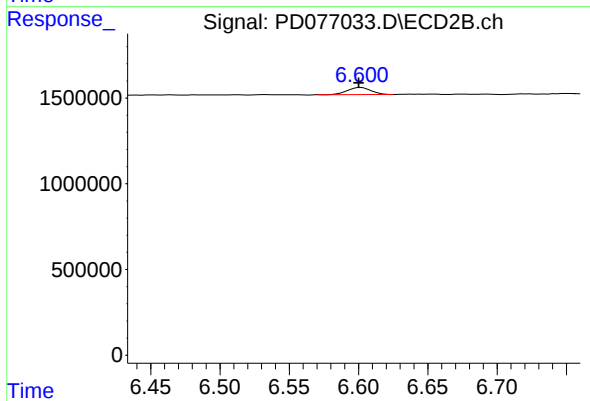
#19 Endosulfan Sulfate

R.T.: 6.324 min
Delta R.T.: 0.001 min
Response: 1466220
Conc: 1.10 ng/ml



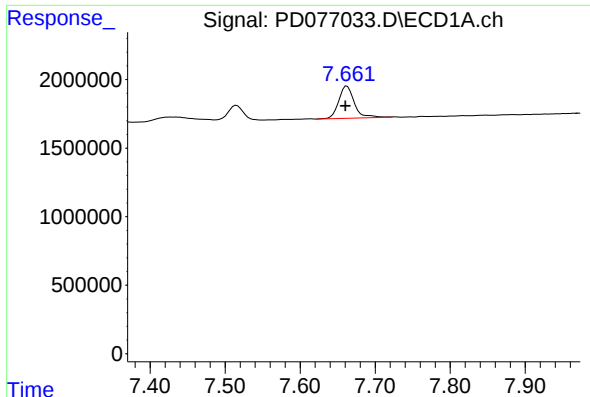
#20 Methoxychlor

R.T.: 7.514 min
Delta R.T.: 0.000 min
Response: 1452408
Conc: 1.03 ng/ml m



#20 Methoxychlor

R.T.: 6.602 min
Delta R.T.: 0.002 min
Response: 489417
Conc: 0.82 ng/ml



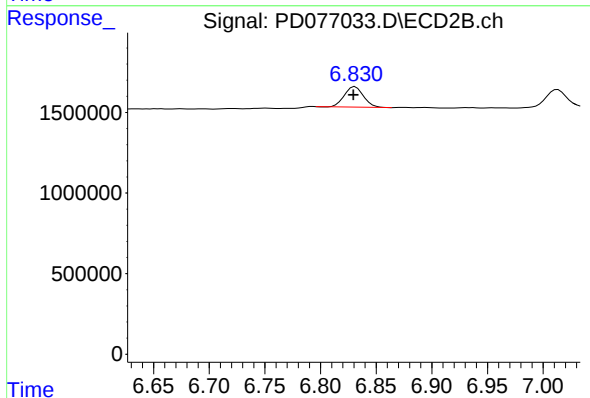
#21 Endrin ketone

R.T.: 7.663 min
Delta R.T.: 0.002 min
Response: 3416156
Conc: 1.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

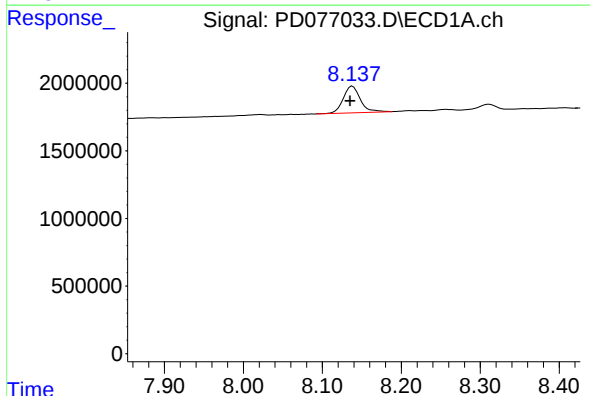
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/11/2023
Supervised By :Ankita Jodhani 08/11/2023



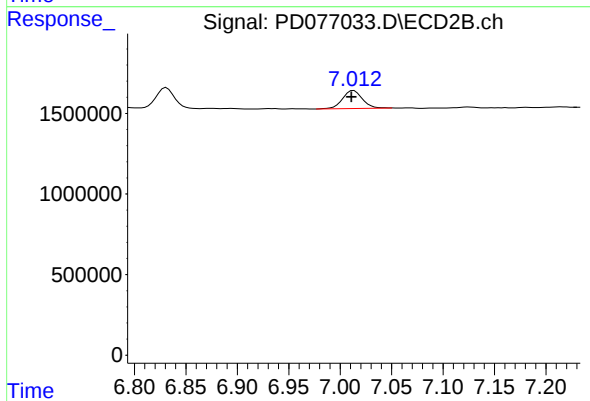
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: 0.002 min
Response: 1524084
Conc: 0.96 ng/ml



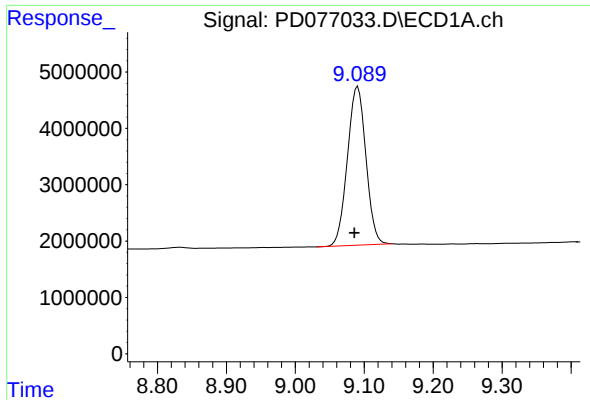
#22 Mirex

R.T.: 8.138 min
Delta R.T.: 0.003 min
Response: 2989617
Conc: 1.31 ng/ml



#22 Mirex

R.T.: 7.013 min
Delta R.T.: 0.002 min
Response: 1508074
Conc: 1.16 ng/ml



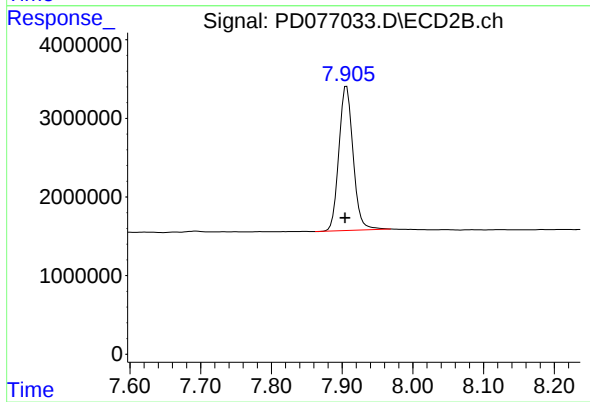
#28 Decachlorobiphenyl

R.T.: 9.091 min
Delta R.T.: 0.005 min
Response: 52537509
Conc: 19.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: 0.002 min
Response: 25633078
Conc: 17.91 ng/ml