

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081023\
 Data File : PD077063.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2023 11:30
 Operator : AR\AJ
 Sample : 03572-09
 Misc : PEST MDL 1PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-WATER-03-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 10 21:21:23 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...	3.549	2.762	39845168	22442707	16.837	16.476
28)	SA Decachlor...	9.094	7.908	53925250	25426813	19.679	17.767
Target Compounds							
2)	A alpha-BHC	4.005	3.264	3517479	2123887	0.916	1.098
3)	MA gamma-BHC...	4.339	3.595	3175316	2078699	0.863	1.117 #
4)	MA Heptachlor	4.930	3.934	3749109	1864428	1.040	1.026
5)	MB Aldrin	5.273	4.214	3814116	1841850	1.032	0.995
6)	B beta-BHC	4.537	3.892	1852908	889799	1.231	1.166
7)	B delta-BHC	4.784	4.121	4300197	1695971	1.233	0.953
8)	B Heptachlo...	5.700	4.717	4381084	1716912	1.323	1.027
9)	A Endosulfan I	6.088	5.087	3461820	1613188	1.139	1.034
10)	B gamma-Chl...	5.957	4.968	3554177	1802077	1.092	1.086
11)	B alpha-Chl...	6.037	5.032	3687457	1802500	1.125	1.079
12)	B 4,4'-DDE	6.209	5.219	2972078	1389403	1.002	0.958m
13)	MA Dieldrin	6.364	5.353	3741027	1667724	1.143	0.990
14)	MA Endrin	6.594	5.628	2772956	1425542	0.998	0.974
15)	B Endosulfa...	6.814	5.923	3497201	1535478	1.099	1.042
16)	A 4,4'-DDD	6.728	5.776	2535685	1083983	1.078	0.975
17)	MA 4,4'-DDT	7.043	6.027	1976372	825305	0.813	0.742
18)	B Endrin al...	6.945	6.102	2737386	1363364	1.253	1.198
19)	B Endosulfa...	7.179	6.326	3095359	1507809	1.188	1.131
20)	A Methoxychlor	7.520	6.603	1479858	504263	1.044	0.843
21)	B Endrin ke...	7.667	6.832	3754908	1512432	1.247	0.954
22)	Mirex	8.141	7.015	3091624	1504722	1.355	1.162

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081023\
Data File : PD077063.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Aug 2023 11:30
Operator : AR\AJ
Sample : 03572-09
Misc : PEST MDL 1PPB
ALS Vial : 10 Sample Multiplier: 1

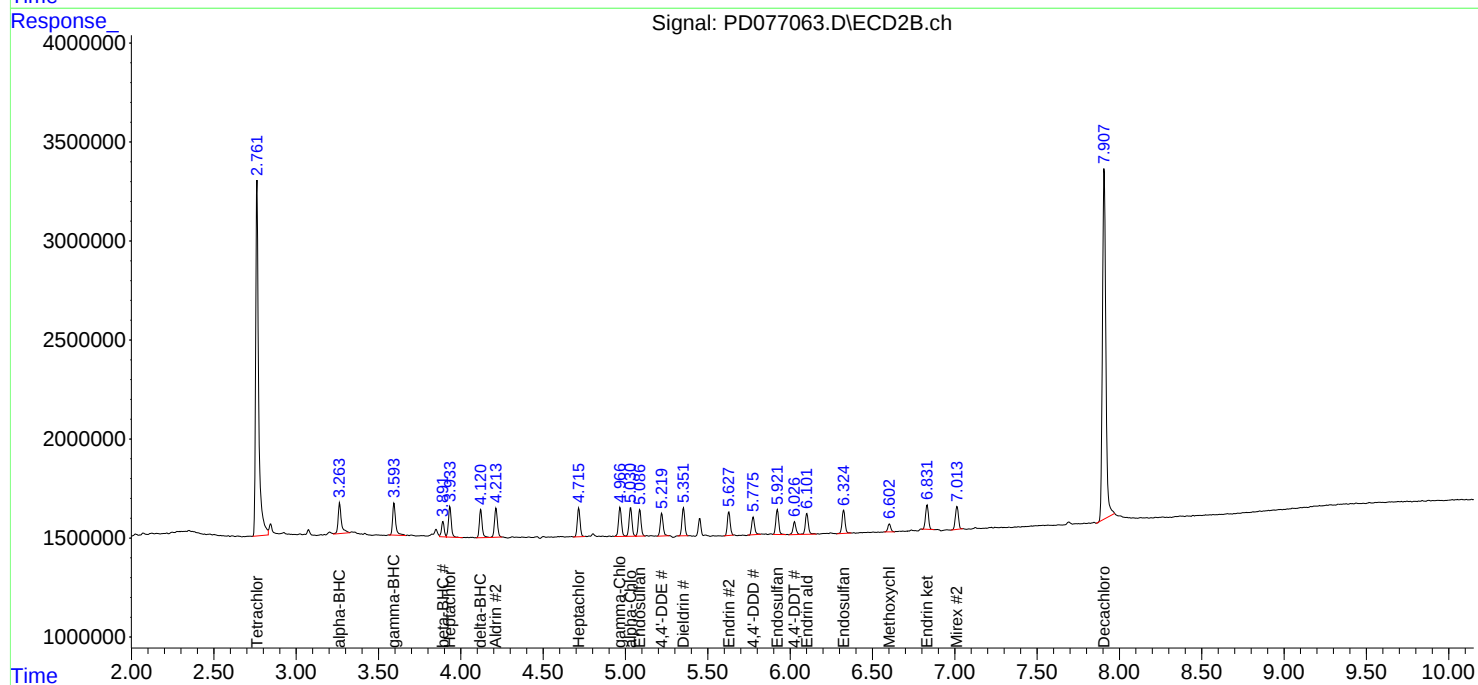
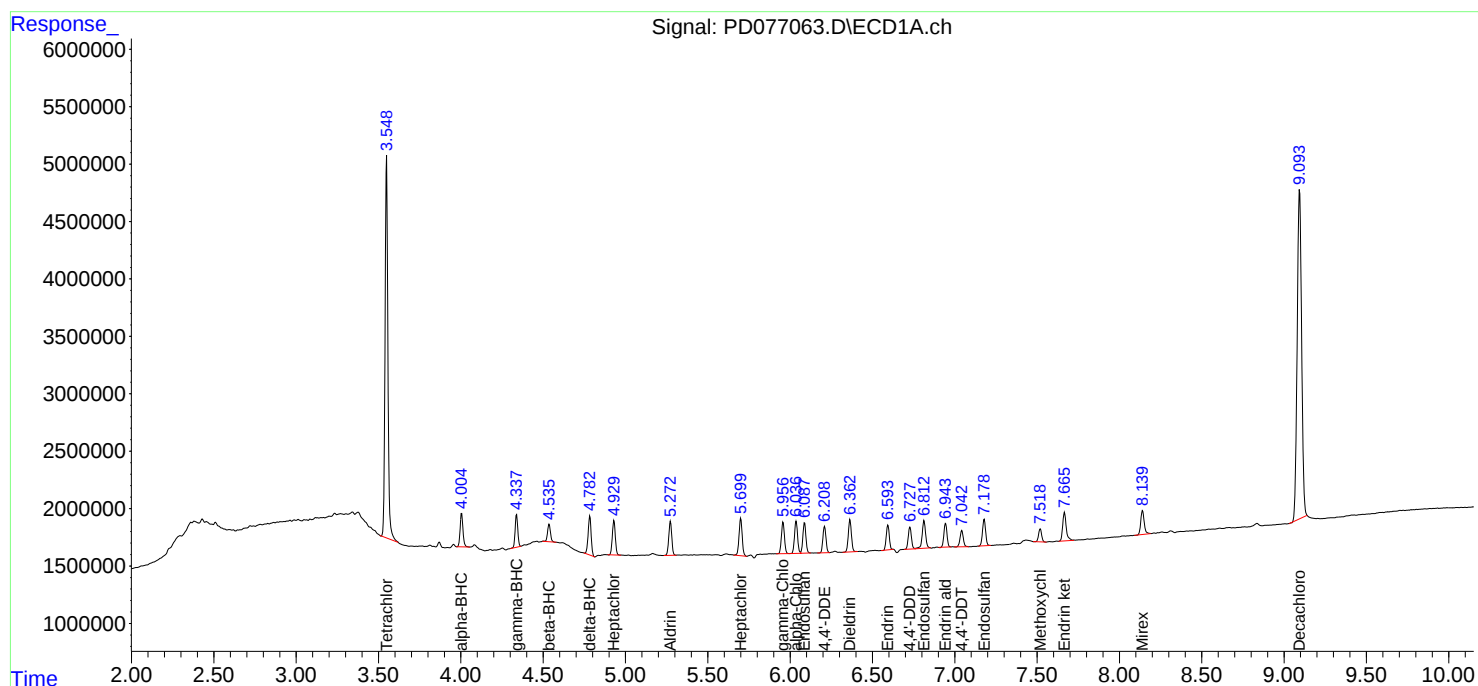
Instrument :
ECD_D
ClientSampleId :
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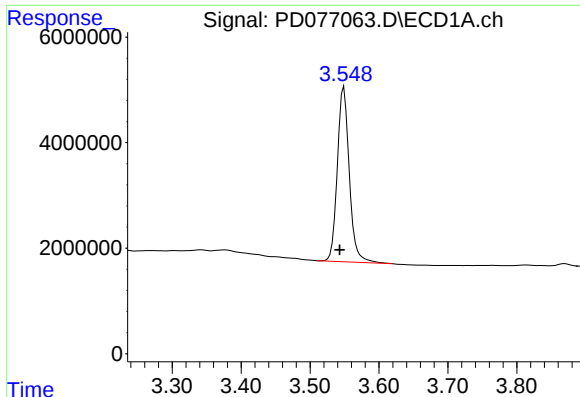
Manual Integrations
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Supervised By :Ankita Jodhani 08/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 21:21:23 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





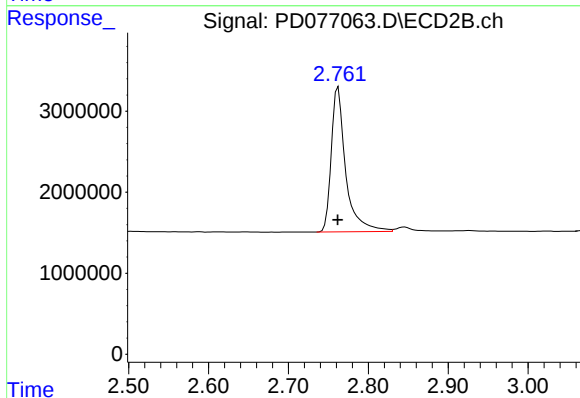
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.006 min
Response: 39845168
Conc: 16.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2023

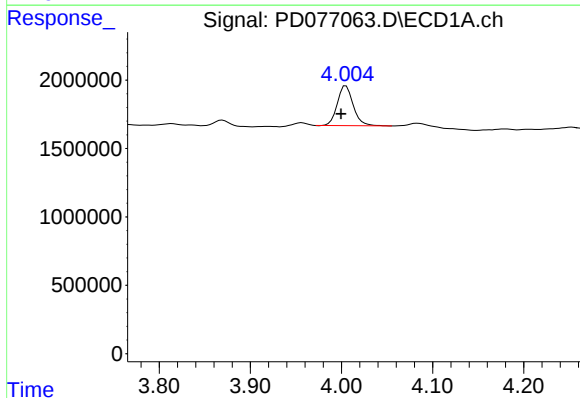
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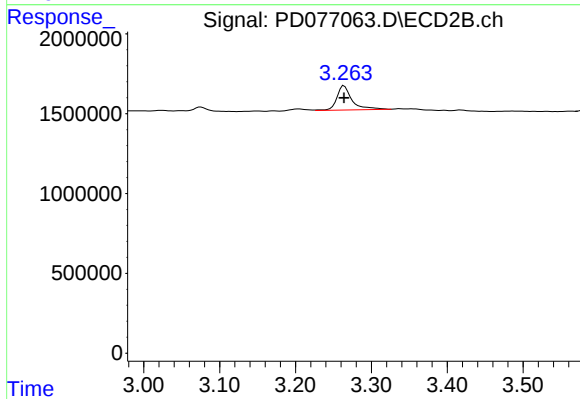
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: 0.000 min
Response: 22442707
Conc: 16.48 ng/ml



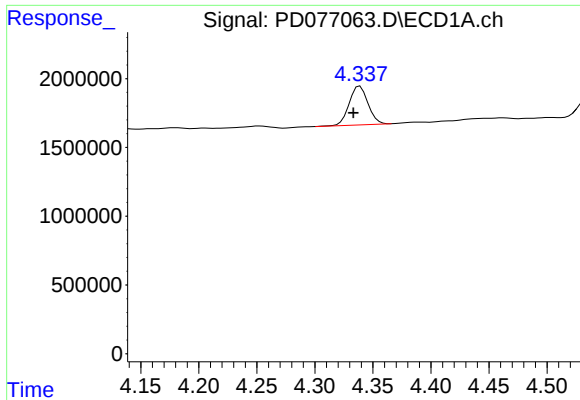
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.005 min
Response: 3517479
Conc: 0.92 ng/ml



#2 alpha-BHC

R.T.: 3.264 min
Delta R.T.: 0.000 min
Response: 2123887
Conc: 1.10 ng/ml



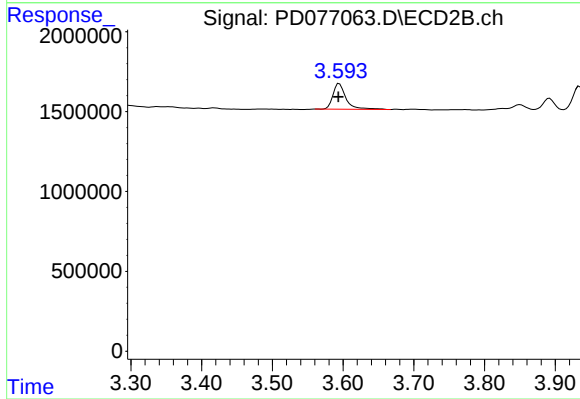
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.006 min
Response: 3175316
Conc: 0.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2023

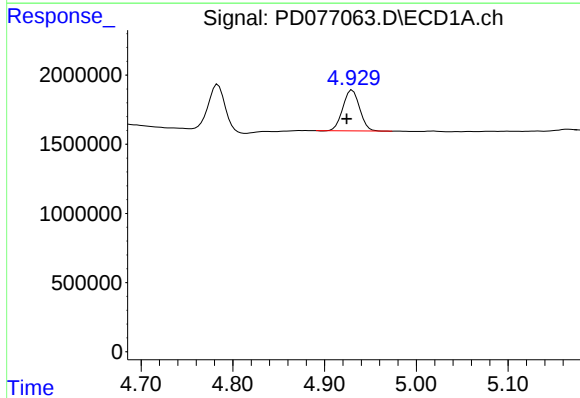
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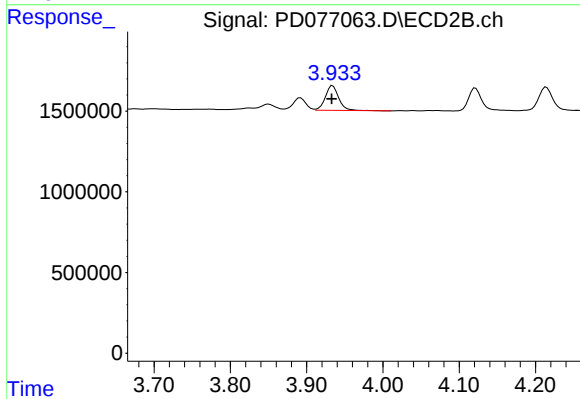
#3 gamma-BHC (Lindane)

R.T.: 3.595 min
Delta R.T.: 0.001 min
Response: 2078699
Conc: 1.12 ng/ml



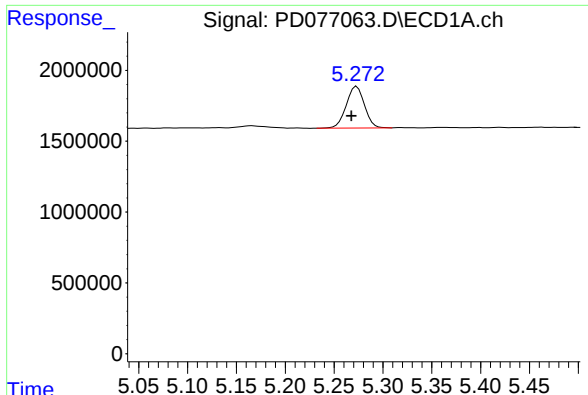
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: 0.006 min
Response: 3749109
Conc: 1.04 ng/ml



#4 Heptachlor

R.T.: 3.934 min
Delta R.T.: 0.001 min
Response: 1864428
Conc: 1.03 ng/ml



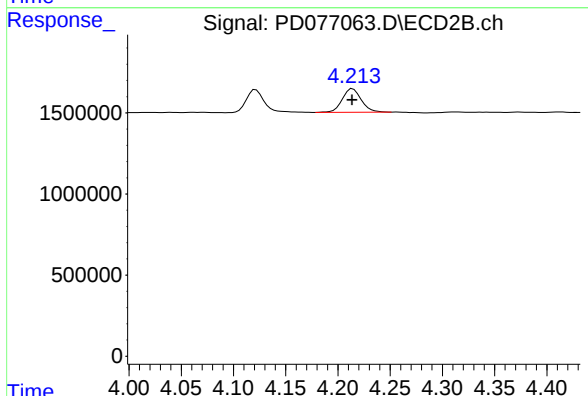
#5 Aldrin

R.T.: 5.273 min
Delta R.T.: 0.006 min
Response: 3814116
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
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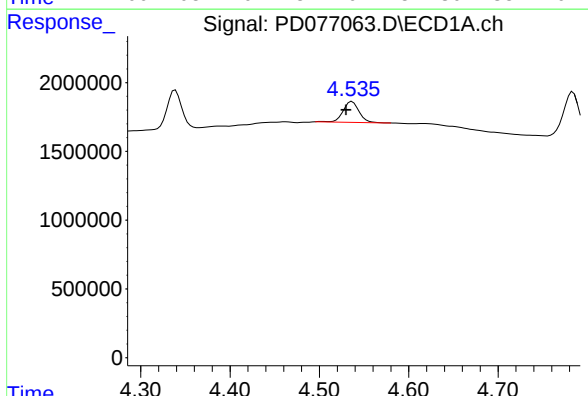
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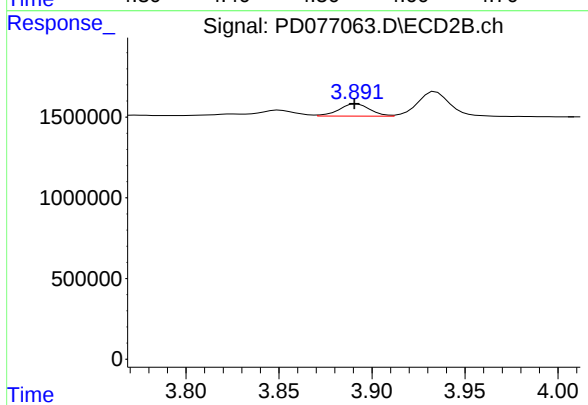
#5 Aldrin

R.T.: 4.214 min
Delta R.T.: 0.000 min
Response: 1841850
Conc: 0.99 ng/ml



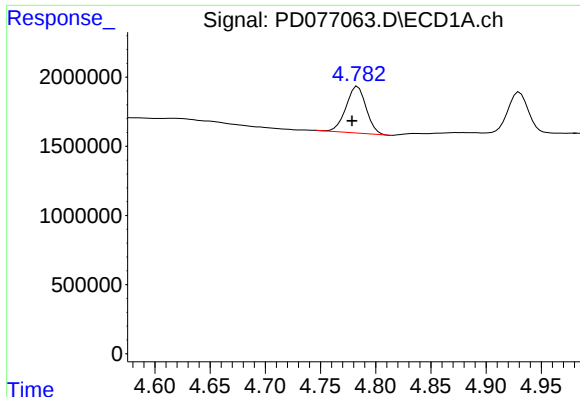
#6 beta-BHC

R.T.: 4.537 min
Delta R.T.: 0.007 min
Response: 1852908
Conc: 1.23 ng/ml



#6 beta-BHC

R.T.: 3.892 min
Delta R.T.: 0.001 min
Response: 889799
Conc: 1.17 ng/ml



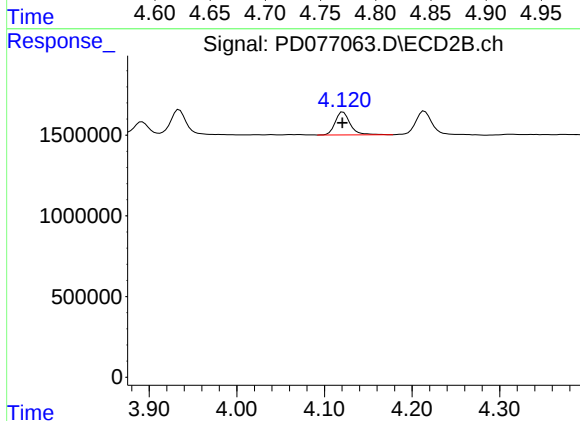
#7 delta-BHC

R.T.: 4.784 min
Delta R.T.: 0.005 min
Response: 4300197
Conc: 1.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2023

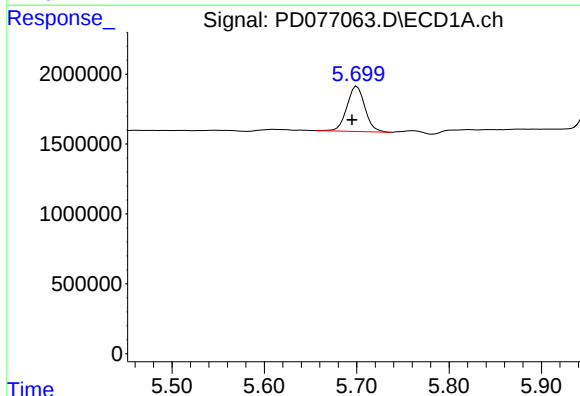
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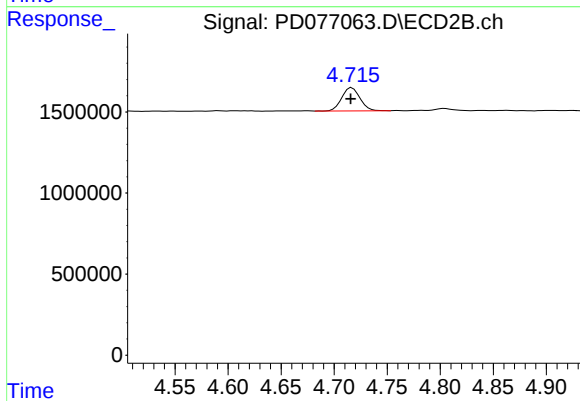
#7 delta-BHC

R.T.: 4.121 min
Delta R.T.: 0.000 min
Response: 1695971
Conc: 0.95 ng/ml



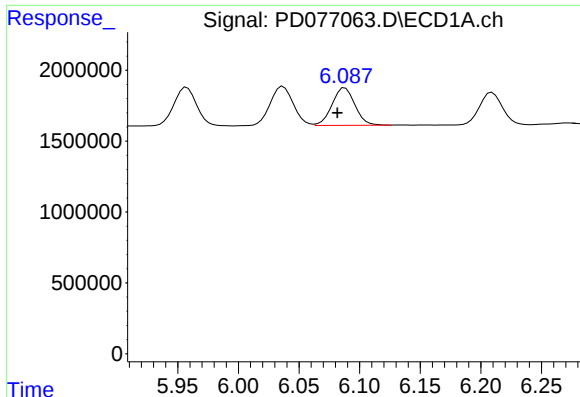
#8 Heptachlor epoxide

R.T.: 5.700 min
Delta R.T.: 0.006 min
Response: 4381084
Conc: 1.32 ng/ml



#8 Heptachlor epoxide

R.T.: 4.717 min
Delta R.T.: 0.001 min
Response: 1716912
Conc: 1.03 ng/ml



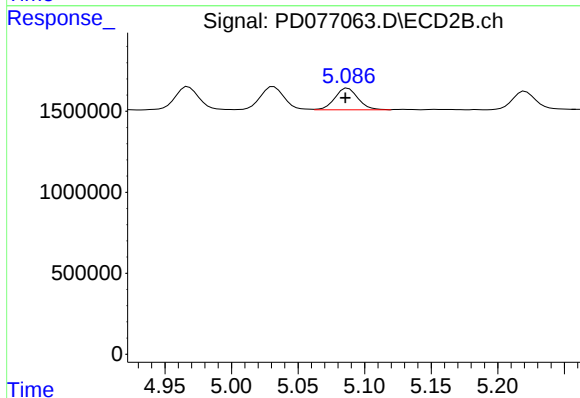
#9 Endosulfan I

R.T.: 6.088 min
Delta R.T.: 0.006 min
Response: 3461820
Conc: 1.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2023

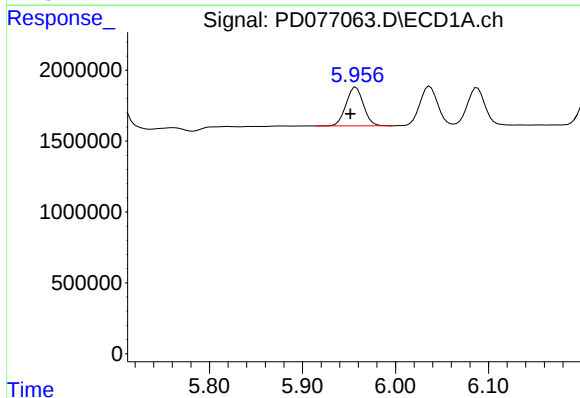
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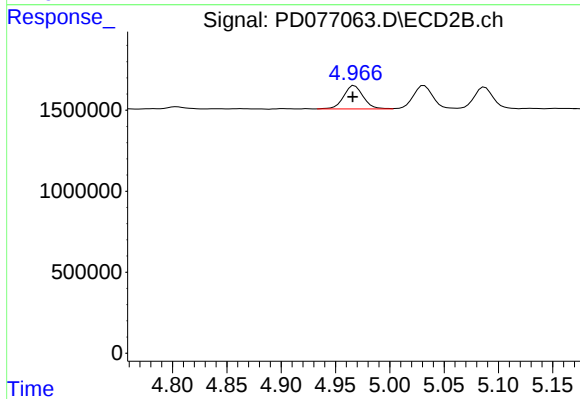
#9 Endosulfan I

R.T.: 5.087 min
Delta R.T.: 0.002 min
Response: 1613188
Conc: 1.03 ng/ml



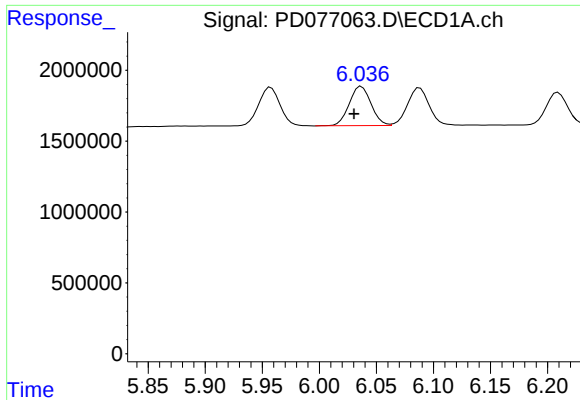
#10 gamma-Chlordane

R.T.: 5.957 min
Delta R.T.: 0.006 min
Response: 3554177
Conc: 1.09 ng/ml



#10 gamma-Chlordane

R.T.: 4.968 min
Delta R.T.: 0.002 min
Response: 1802077
Conc: 1.09 ng/ml



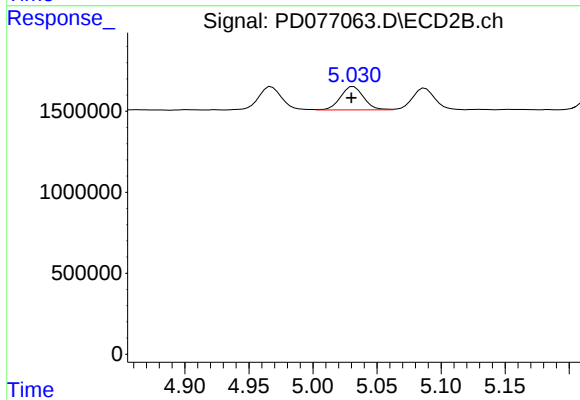
#11 alpha-Chlordane

R.T.: 6.037 min
Delta R.T.: 0.007 min
Response: 3687457
Conc: 1.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2023

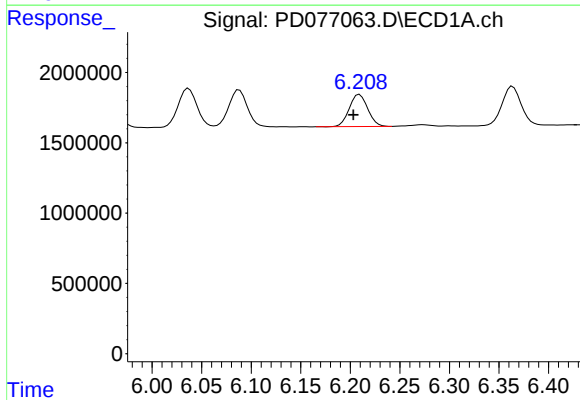
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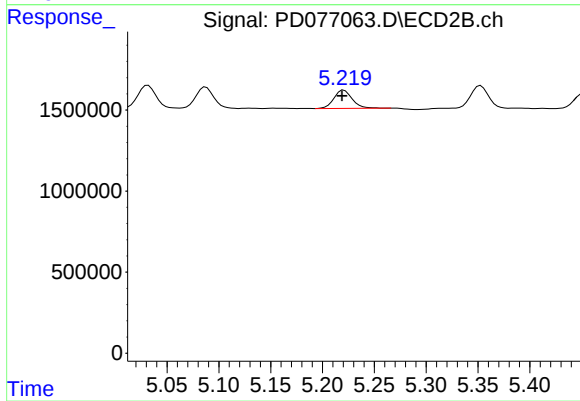
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: 0.002 min
Response: 1802500
Conc: 1.08 ng/ml



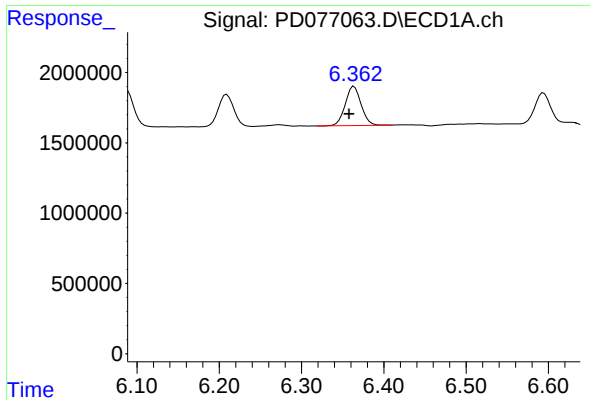
#12 4,4'-DDE

R.T.: 6.209 min
Delta R.T.: 0.006 min
Response: 2972078
Conc: 1.00 ng/ml



#12 4,4'-DDE

R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 1389403
Conc: 0.96 ng/ml m



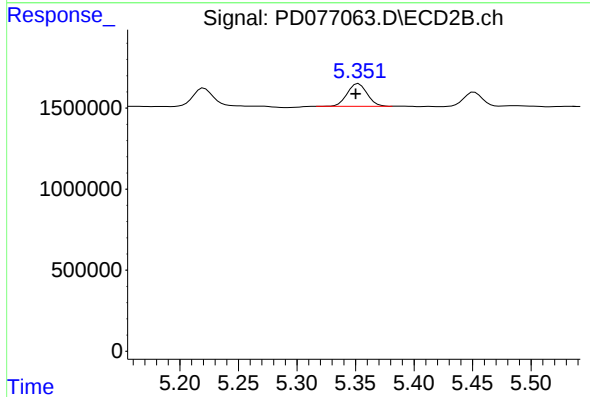
#13 Dieldrin

R.T.: 6.364 min
Delta R.T.: 0.006 min
Response: 3741027
Conc: 1.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2023

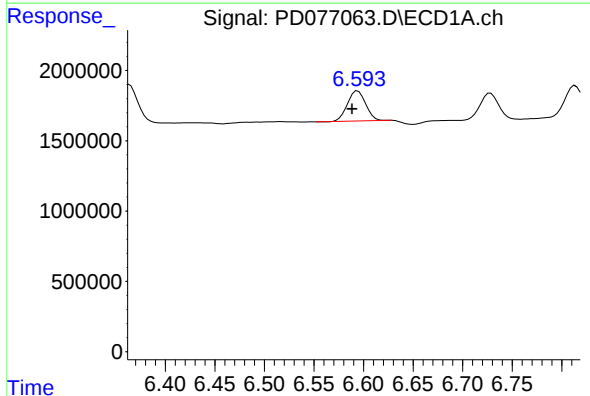
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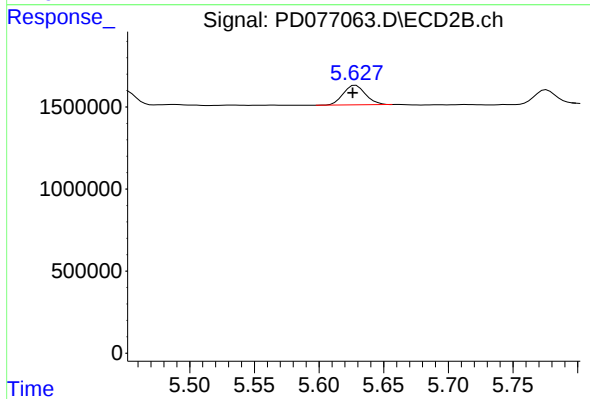
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: 0.002 min
Response: 1667724
Conc: 0.99 ng/ml



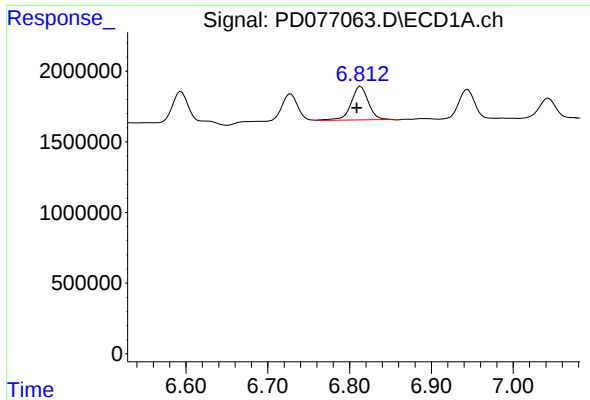
#14 Endrin

R.T.: 6.594 min
Delta R.T.: 0.006 min
Response: 2772956
Conc: 1.00 ng/ml



#14 Endrin

R.T.: 5.628 min
Delta R.T.: 0.002 min
Response: 1425542
Conc: 0.97 ng/ml



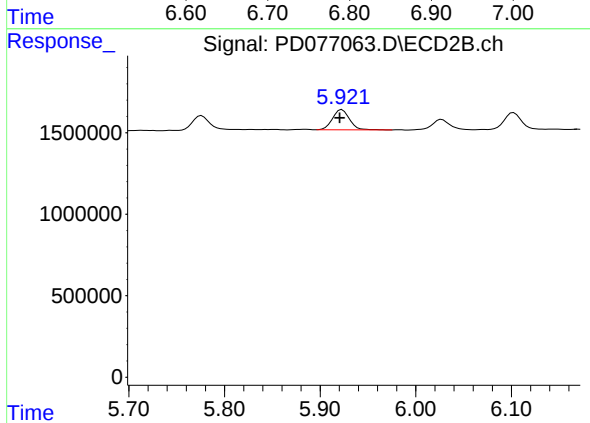
#15 Endosulfan II

R.T.: 6.814 min
Delta R.T.: 0.005 min
Response: 3497201
Conc: 1.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2023

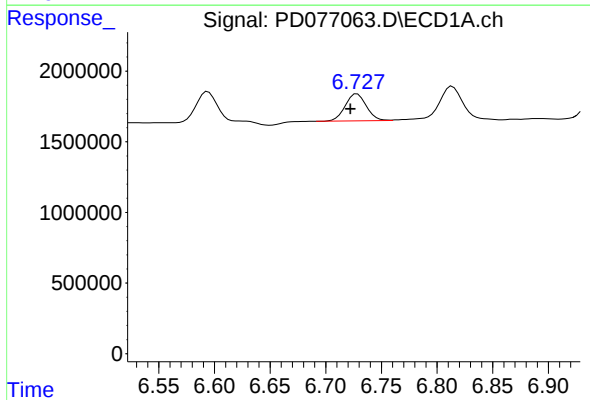
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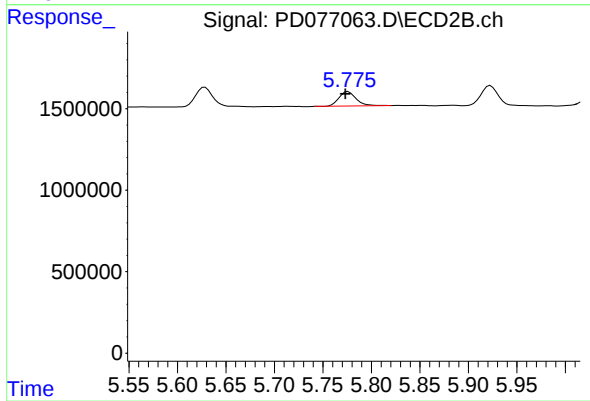
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: 0.002 min
Response: 1535478
Conc: 1.04 ng/ml



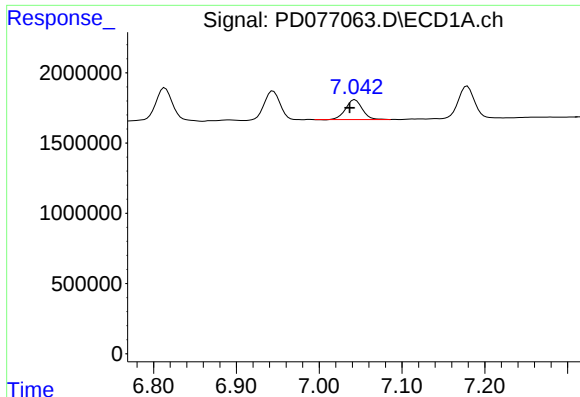
#16 4,4'-DDD

R.T.: 6.728 min
Delta R.T.: 0.006 min
Response: 2535685
Conc: 1.08 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: 0.003 min
Response: 1083983
Conc: 0.97 ng/ml



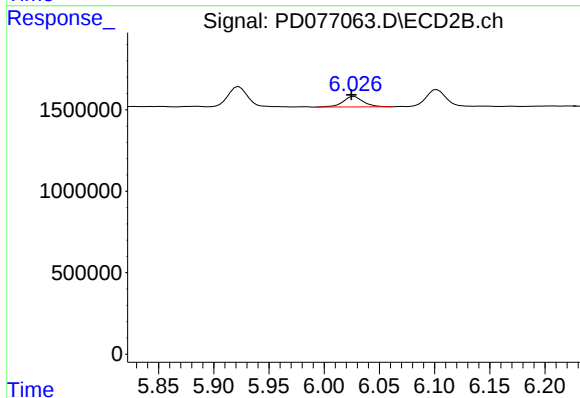
#17 4,4'-DDT

R.T.: 7.043 min
Delta R.T.: 0.006 min
Response: 1976372
Conc: 0.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2023

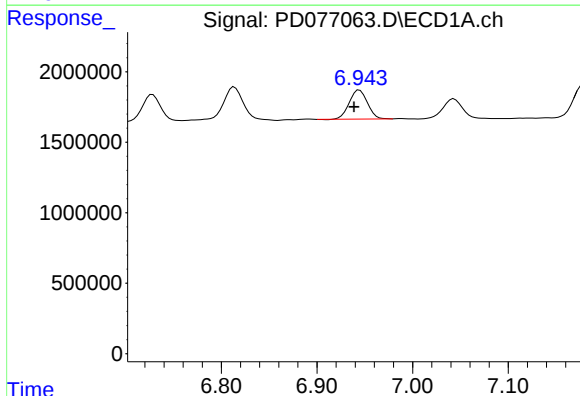
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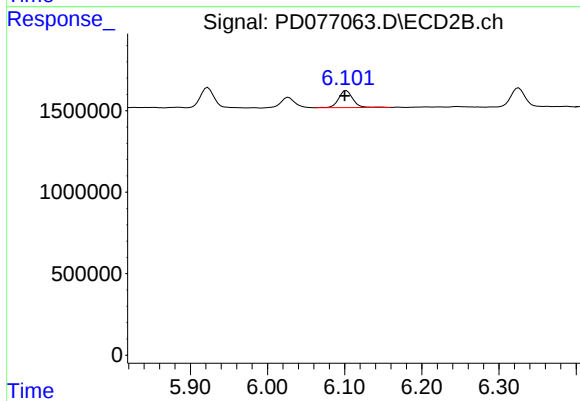
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: 0.003 min
Response: 825305
Conc: 0.74 ng/ml



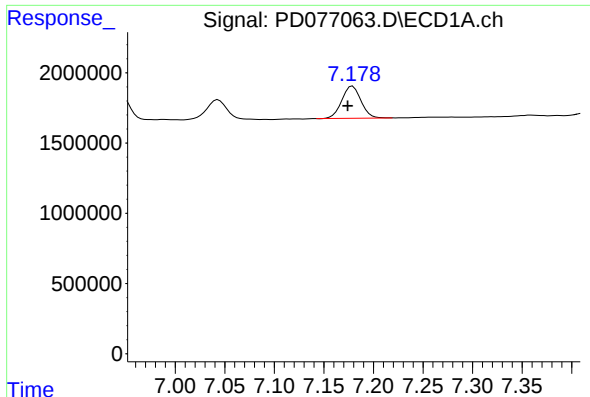
#18 Endrin aldehyde

R.T.: 6.945 min
Delta R.T.: 0.006 min
Response: 2737386
Conc: 1.25 ng/ml



#18 Endrin aldehyde

R.T.: 6.102 min
Delta R.T.: 0.002 min
Response: 1363364
Conc: 1.20 ng/ml



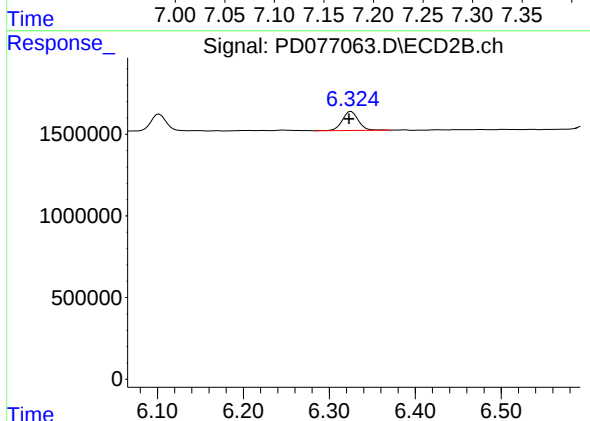
#19 Endosulfan Sulfate

R.T.: 7.179 min
Delta R.T.: 0.005 min
Response: 3095359
Conc: 1.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2023

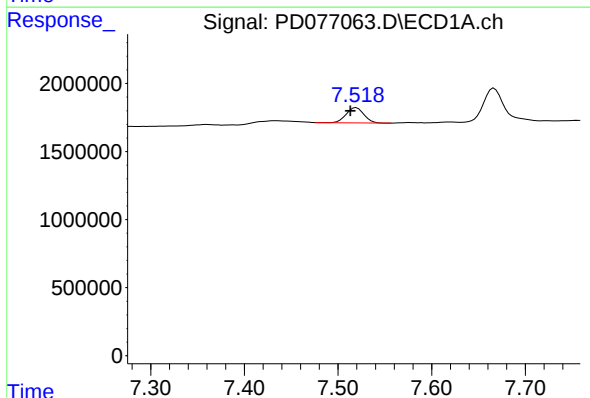
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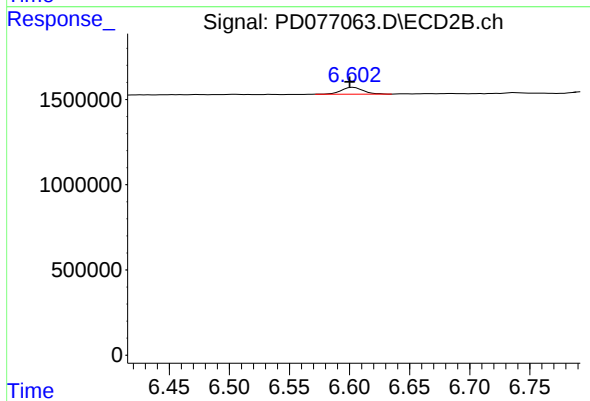
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: 0.003 min
Response: 1507809
Conc: 1.13 ng/ml



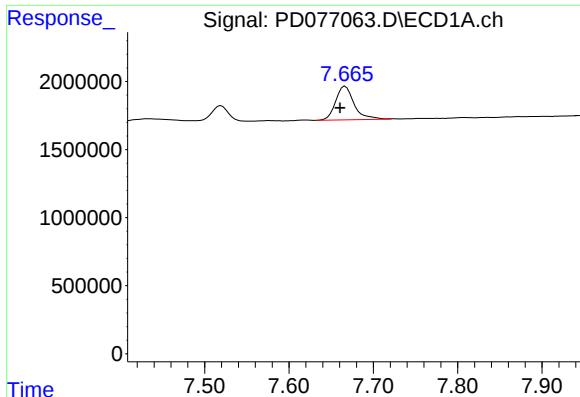
#20 Methoxychlor

R.T.: 7.520 min
Delta R.T.: 0.006 min
Response: 1479858
Conc: 1.04 ng/ml



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: 0.003 min
Response: 504263
Conc: 0.84 ng/ml



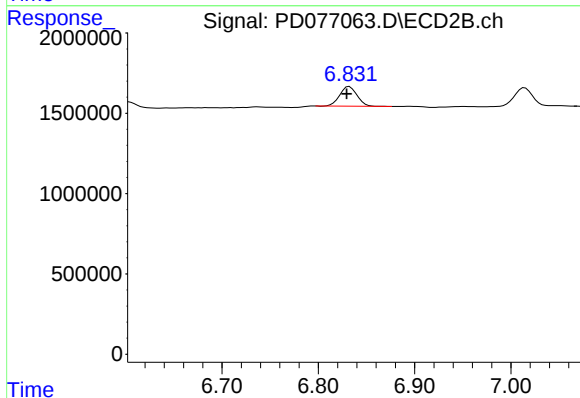
#21 Endrin ketone

R.T.: 7.667 min
Delta R.T.: 0.006 min
Response: 3754908
Conc: 1.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2023

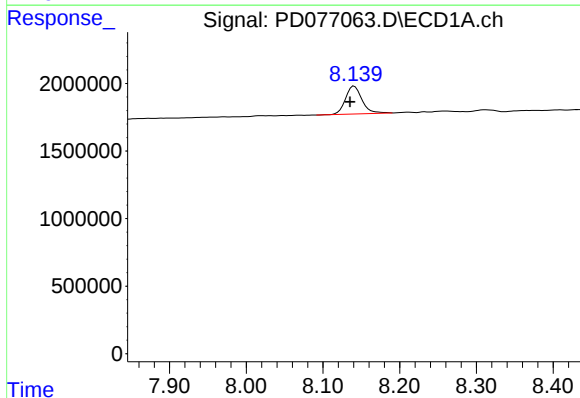
Manual Integrations
APPROVED

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



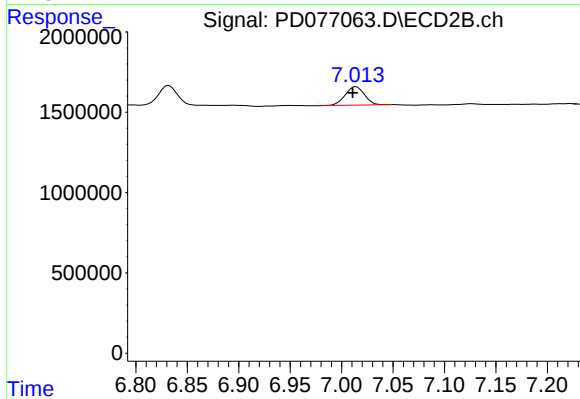
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: 0.003 min
Response: 1512432
Conc: 0.95 ng/ml



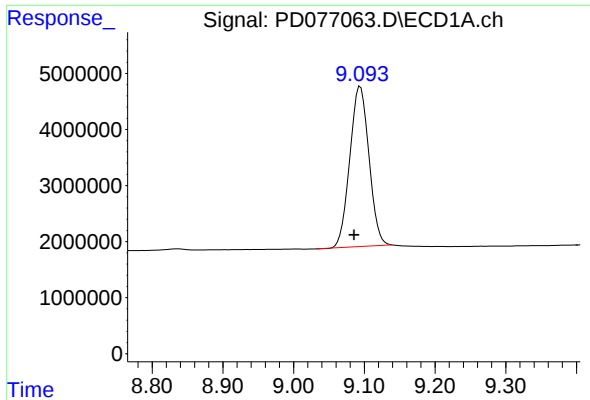
#22 Mirex

R.T.: 8.141 min
Delta R.T.: 0.005 min
Response: 3091624
Conc: 1.36 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: 0.004 min
Response: 1504722
Conc: 1.16 ng/ml



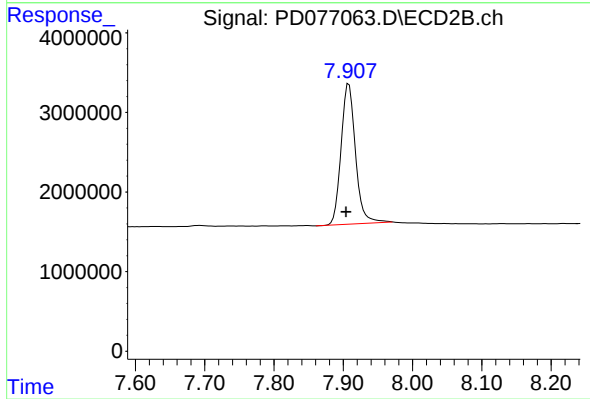
#28 Decachlorobiphenyl

R.T.: 9.094 min
Delta R.T.: 0.009 min
Response: 53925250
Conc: 19.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2023

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#28 Decachlorobiphenyl

R.T.: 7.908 min
Delta R.T.: 0.004 min
Response: 25426813
Conc: 17.77 ng/ml