

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090721\
 Data File : PD065579.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Sep 2021 11:24
 Operator : AR\AJ
 Sample : M2940-09
 Misc : PEST MDL 1 PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-WATER-03-QT3-2021

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 14:44:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090421.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 09 14:43:30 2021
 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...	3.495	4.013	17205598	139.3E6	17.556	19.000
28)	SA Decachlor...	8.238	9.084	29776574	95563654	17.271	17.909
Target Compounds							
2)	A alpha-BHC	3.934	4.408	1344962	11542039	0.934	1.091
3)	MA gamma-BHC...	4.218	4.694	1708160	11196391	1.183	1.136
4)	MA Heptachlor	4.516	5.198	1506167	10516365	0.992	1.157
5)	MB Aldrin	4.763	5.503	1304956	9566917	0.913	1.134
6)	B beta-BHC	4.467	4.871	1446618	7828068	1.683	1.682
7)	B delta-BHC	4.670	5.087	1215276	14234310	0.815	1.531 #
8)	B Heptachlo...	5.206	5.892	1393203	10397856	0.955	1.444 #
9)	A Endosulfan I	5.544	6.251	1374828	7506390	0.970	1.066
10)	B gamma-Chl...	5.431	6.126	1435856	7985322	0.940	1.063
11)	B alpha-Chl...	5.489	6.198	1447214	7800936	0.961	1.059
12)	B 4,4'-DDE	5.651	6.356	1431685	8156071	1.004	1.129
13)	MA Dieldrin	5.787	6.509	1442422	8270400	0.932	1.096
14)	MA Endrin	6.046	6.726	1716756	5385453	1.249	0.903 #
15)	B Endosulfa...	6.317	6.940	1366961	6864172	0.952	1.071
16)	A 4,4'-DDD	6.167	6.851	954712	6626375	0.749	1.062 #
17)	MA 4,4'-DDT	6.407	7.148	1199898	5321608	0.872	0.874
18)	B Endrin al...	6.485	7.066	1358748	6202096	1.077	1.135
19)	B Endosulfa...	6.697	7.288	1530911	6608609	0.991	1.034
20)	A Methoxychlor	6.954	7.605	680484	3432796	0.812	1.055m#
21)	B Endrin ke...	7.191	7.761	1696924	8288521	0.913	1.096
22)	Mirex	7.377	8.210	2082117	6730903	1.328	1.273

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090721\
Data File : PD065579.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Sep 2021 11:24
Operator : AR\AJ
Sample : M2940-09
Misc : PEST MDL 1 PPB
ALS Vial : 10 Sample Multiplier: 1

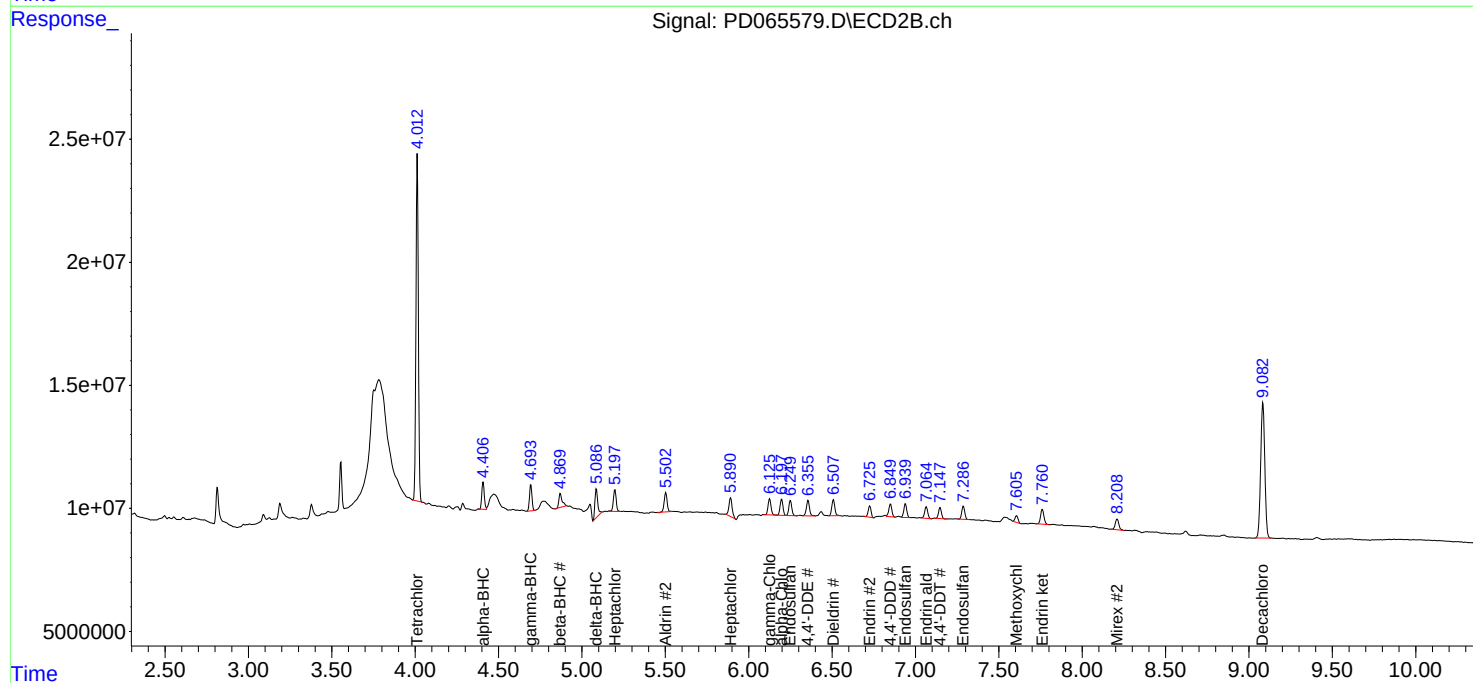
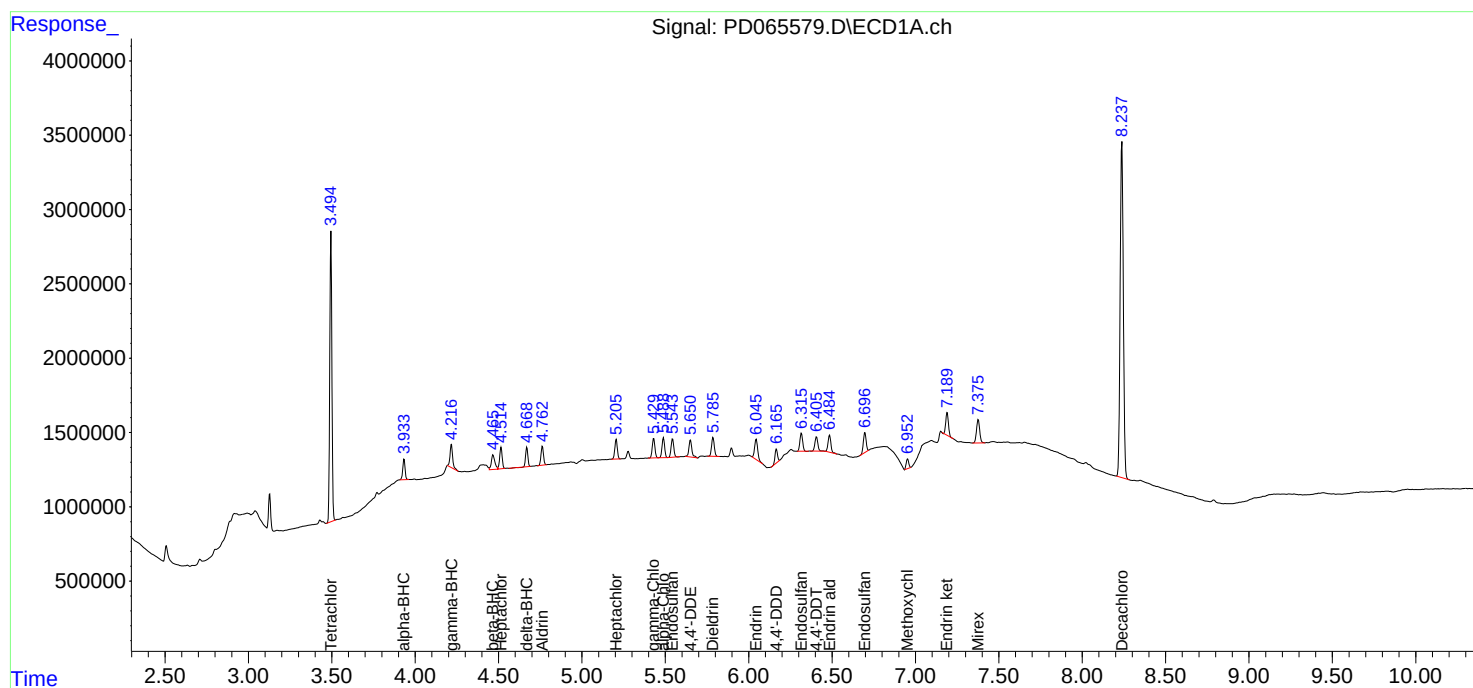
Instrument :
ECD_D
ClientSampleID :
MDL-WATER-03-QT3-2021

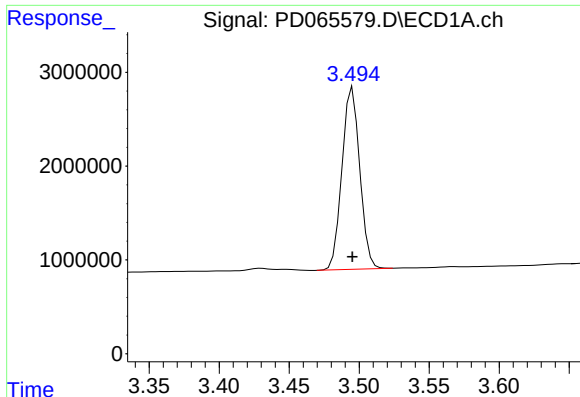
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 14:44:16 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090421.M
Quant Title : GC Extractables
QLast Update : Thu Sep 09 14:43:30 2021
Response 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





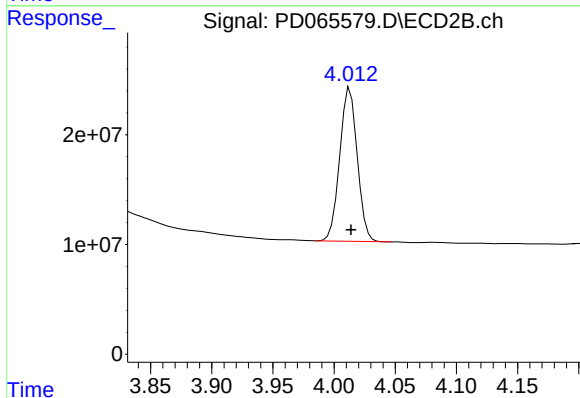
#1 Tetrachloro-m-xylene

R.T.: 3.495 min
Delta R.T.: 0.000 min
Response: 17205598
Conc: 17.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2021

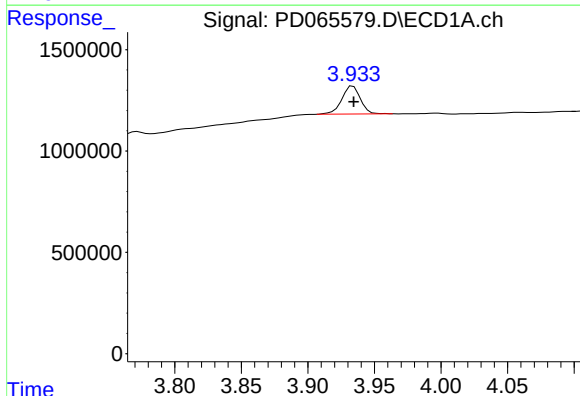
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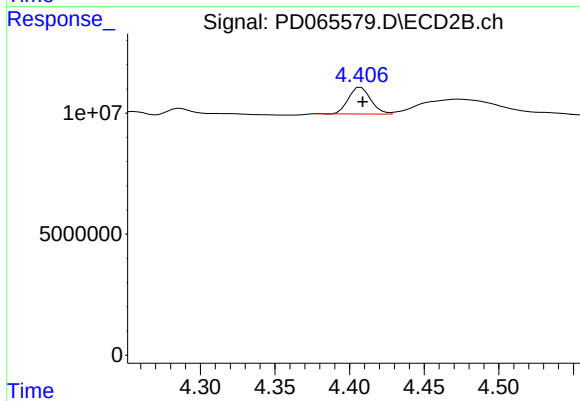
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 139255711
Conc: 19.00 ng/ml



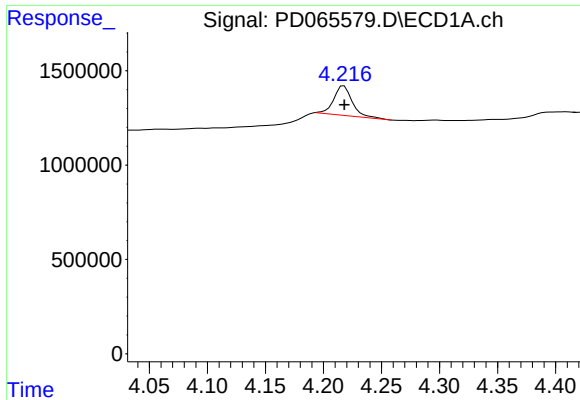
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 1344962
Conc: 0.93 ng/ml



#2 alpha-BHC

R.T.: 4.408 min
Delta R.T.: -0.001 min
Response: 11542039
Conc: 1.09 ng/ml



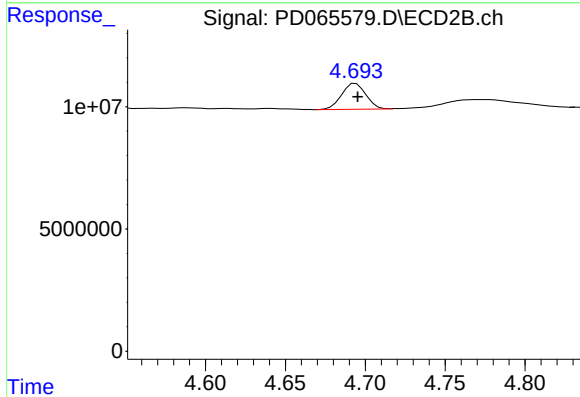
#3 gamma-BHC (Lindane)

R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 1708160
Conc: 1.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2021

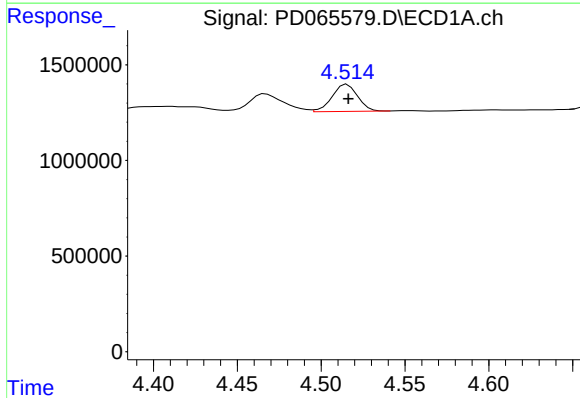
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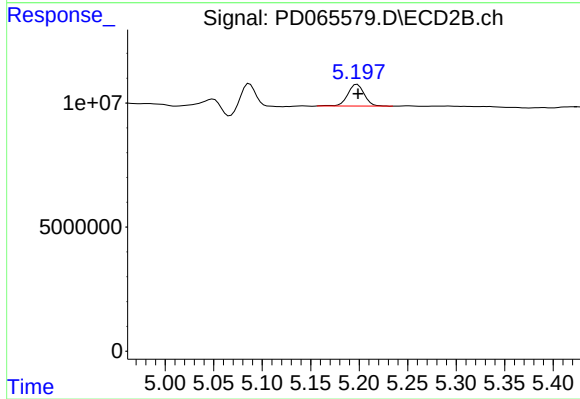
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: -0.001 min
Response: 11196391
Conc: 1.14 ng/ml



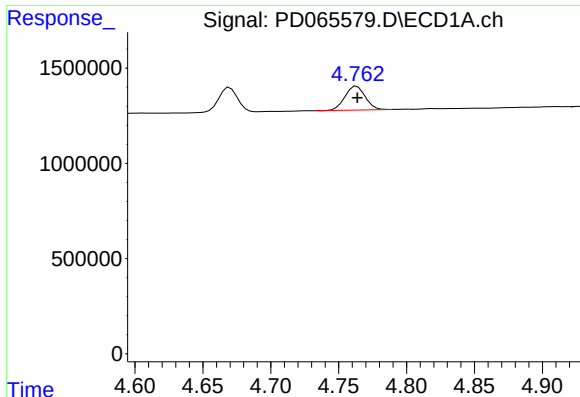
#4 Heptachlor

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 1506167
Conc: 0.99 ng/ml



#4 Heptachlor

R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 10516365
Conc: 1.16 ng/ml



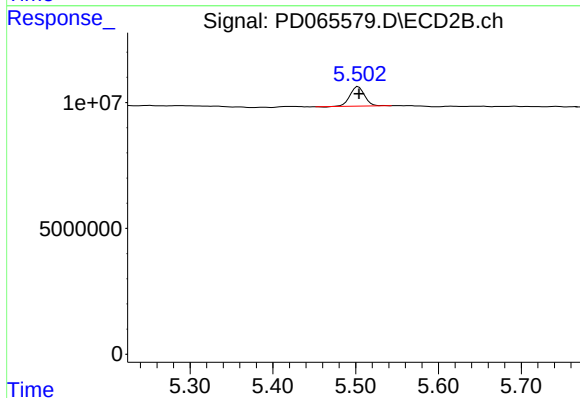
#5 Aldrin

R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 1304956
Conc: 0.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2021

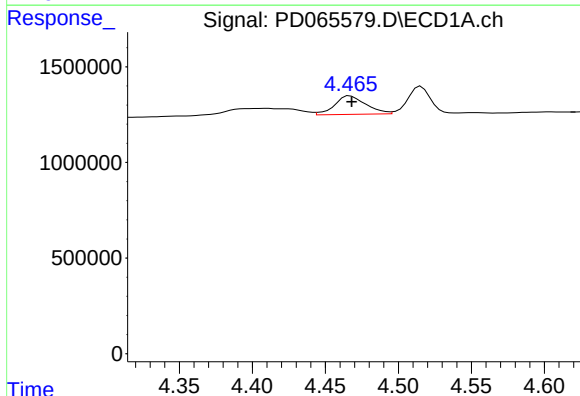
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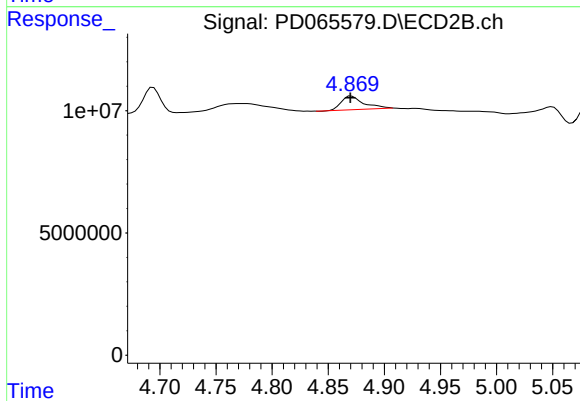
#5 Aldrin

R.T.: 5.503 min
Delta R.T.: -0.001 min
Response: 9566917
Conc: 1.13 ng/ml



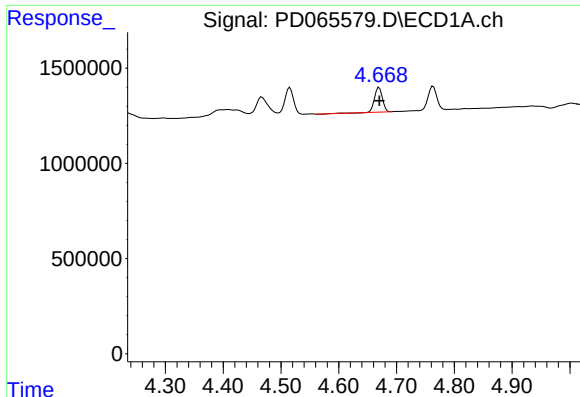
#6 beta-BHC

R.T.: 4.467 min
Delta R.T.: -0.001 min
Response: 1446618
Conc: 1.68 ng/ml



#6 beta-BHC

R.T.: 4.871 min
Delta R.T.: 0.001 min
Response: 7828068
Conc: 1.68 ng/ml



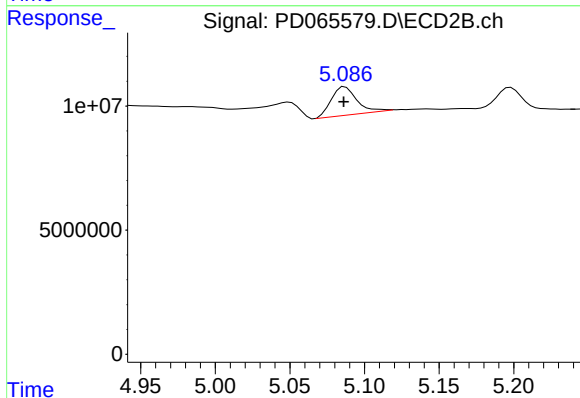
#7 delta-BHC

R.T.: 4.670 min
Delta R.T.: 0.000 min
Response: 1215276
Conc: 0.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2021

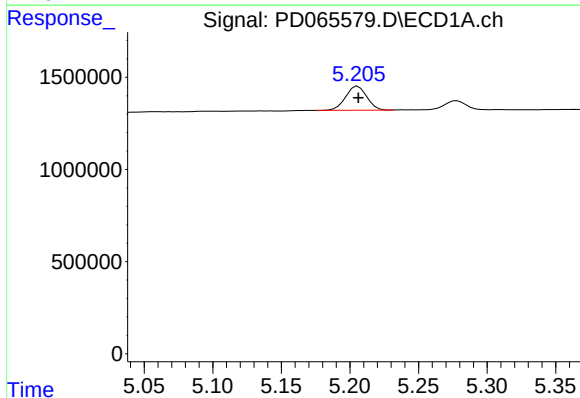
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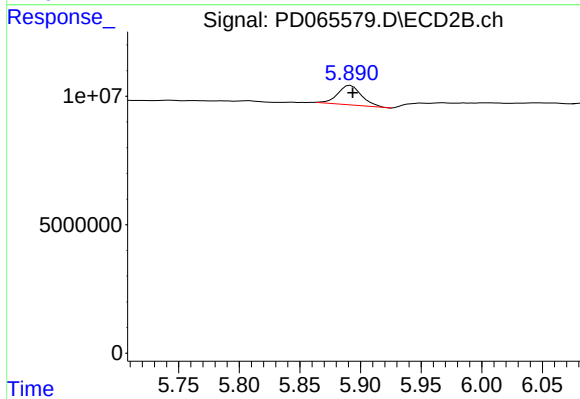
#7 delta-BHC

R.T.: 5.087 min
Delta R.T.: 0.000 min
Response: 14234310
Conc: 1.53 ng/ml



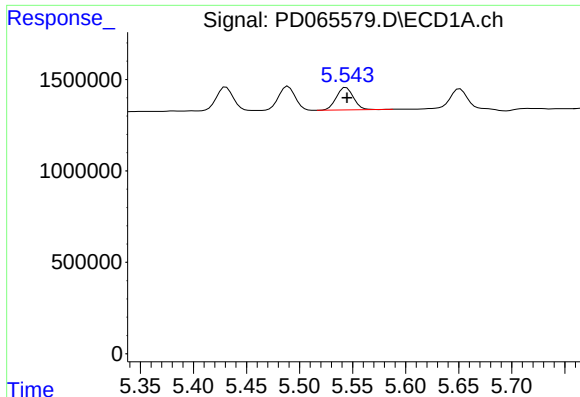
#8 Heptachlor epoxide

R.T.: 5.206 min
Delta R.T.: 0.000 min
Response: 1393203
Conc: 0.96 ng/ml



#8 Heptachlor epoxide

R.T.: 5.892 min
Delta R.T.: -0.002 min
Response: 10397856
Conc: 1.44 ng/ml



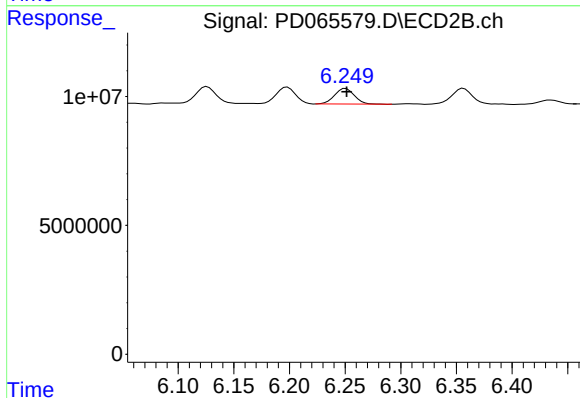
#9 Endosulfan I

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 1374828
Conc: 0.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2021

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#9 Endosulfan I

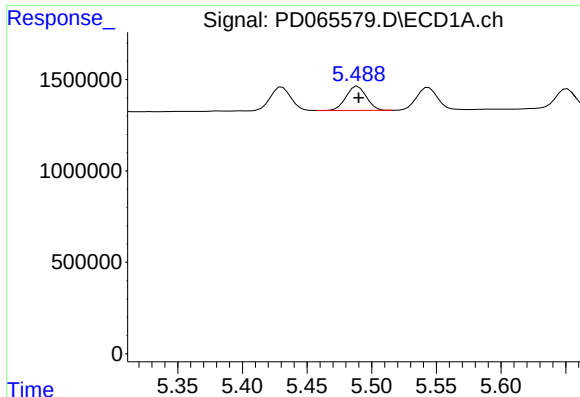
R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 7506390
Conc: 1.07 ng/ml

#10 gamma-Chlordane

R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 1435856
Conc: 0.94 ng/ml

#10 gamma-Chlordane

R.T.: 6.126 min
Delta R.T.: -0.002 min
Response: 7985322
Conc: 1.06 ng/ml



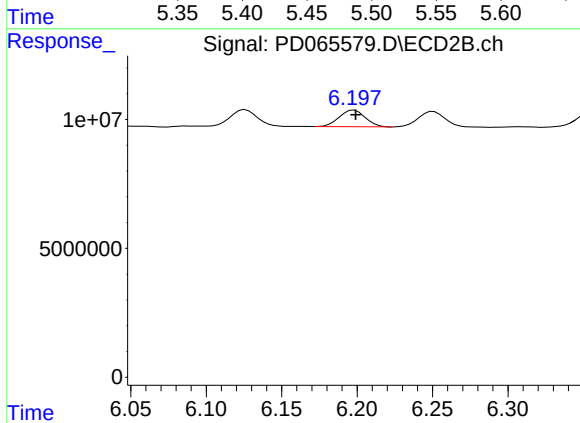
#11 alpha-Chlordane

R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 1447214
Conc: 0.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2021

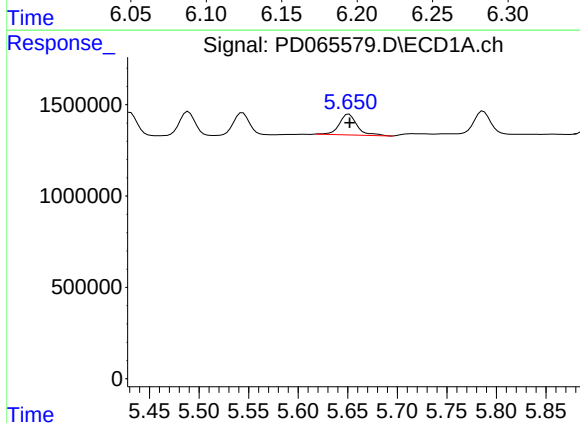
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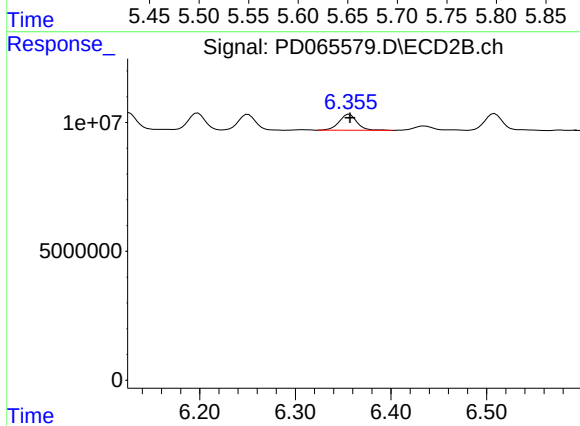
#11 alpha-Chlordane

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 7800936
Conc: 1.06 ng/ml



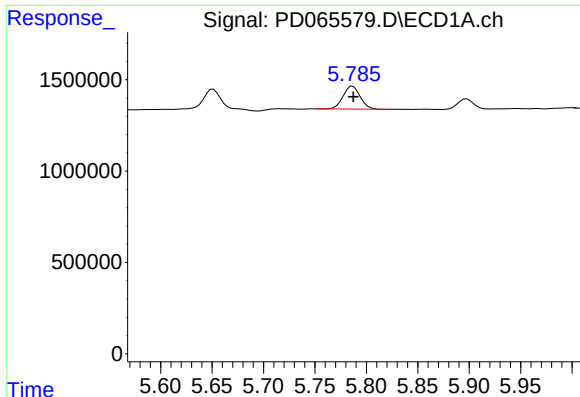
#12 4,4'-DDE

R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 1431685
Conc: 1.00 ng/ml



#12 4,4'-DDE

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 8156071
Conc: 1.13 ng/ml



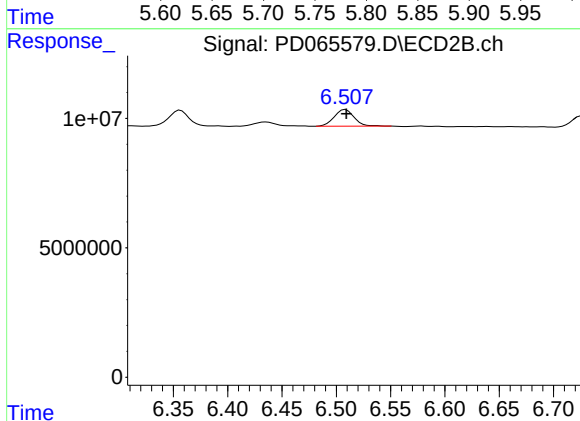
#13 Dieldrin

R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 1442422
Conc: 0.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2021

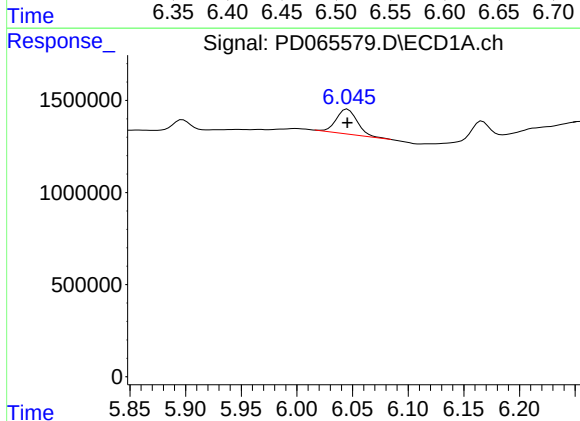
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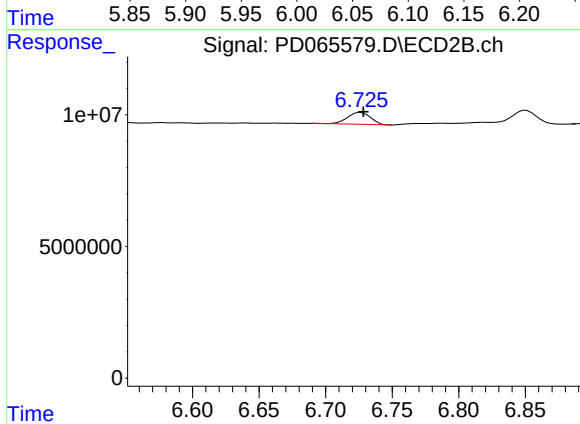
#13 Dieldrin

R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 8270400
Conc: 1.10 ng/ml



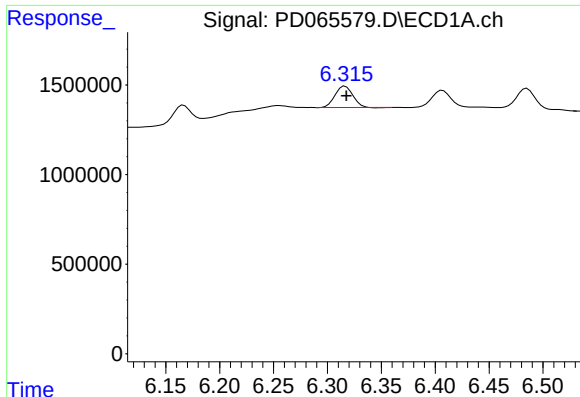
#14 Endrin

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 1716756
Conc: 1.25 ng/ml



#14 Endrin

R.T.: 6.726 min
Delta R.T.: -0.002 min
Response: 5385453
Conc: 0.90 ng/ml



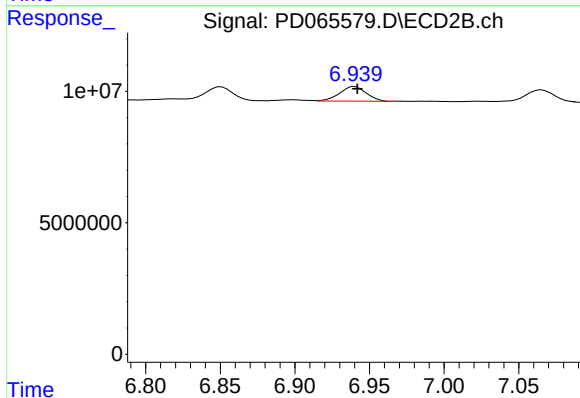
#15 Endosulfan II

R.T.: 6.317 min
Delta R.T.: -0.001 min
Response: 1366961
Conc: 0.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2021

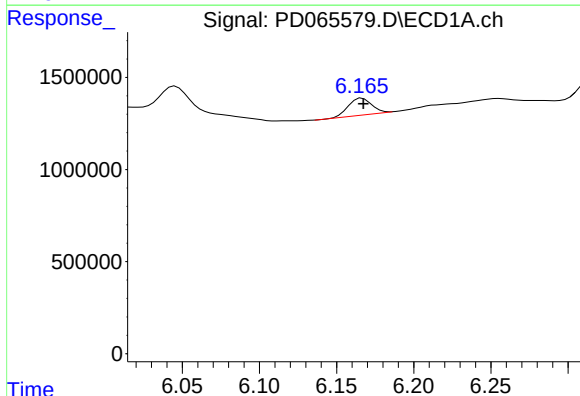
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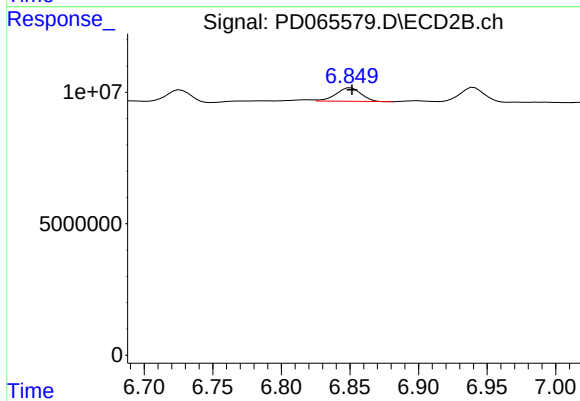
#15 Endosulfan II

R.T.: 6.940 min
Delta R.T.: -0.002 min
Response: 6864172
Conc: 1.07 ng/ml



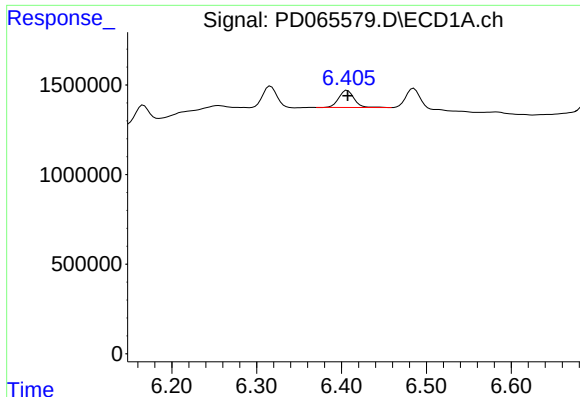
#16 4,4'-DDD

R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 954712
Conc: 0.75 ng/ml



#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 6626375
Conc: 1.06 ng/ml



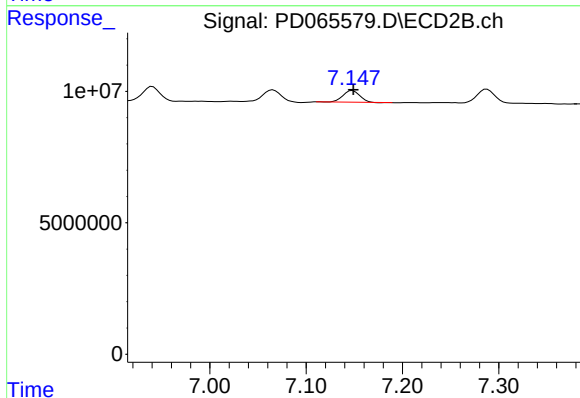
#17 4,4'-DDT

R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 1199898
Conc: 0.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2021

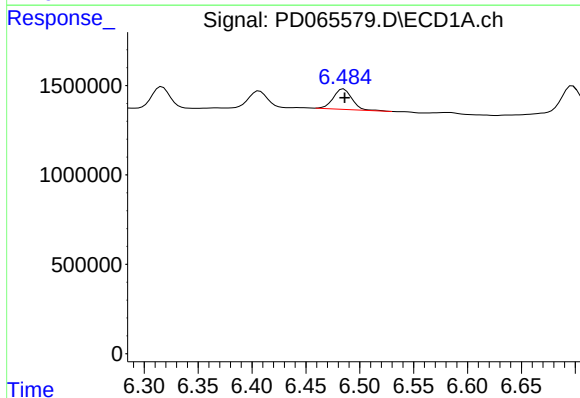
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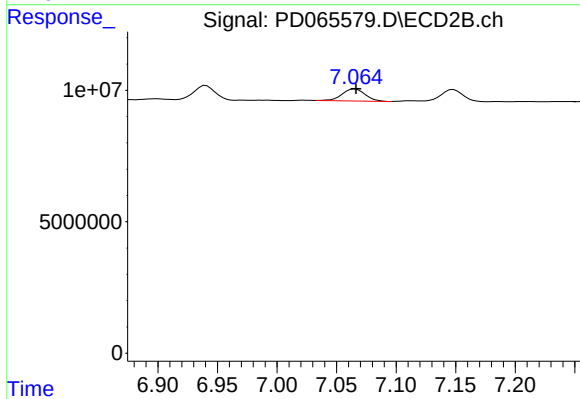
#17 4,4'-DDT

R.T.: 7.148 min
Delta R.T.: -0.001 min
Response: 5321608
Conc: 0.87 ng/ml



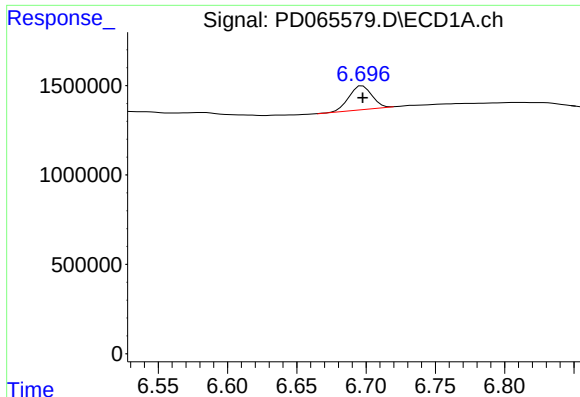
#18 Endrin aldehyde

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 1358748
Conc: 1.08 ng/ml



#18 Endrin aldehyde

R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 6202096
Conc: 1.14 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.697 min

Delta R.T.: 0.000 min

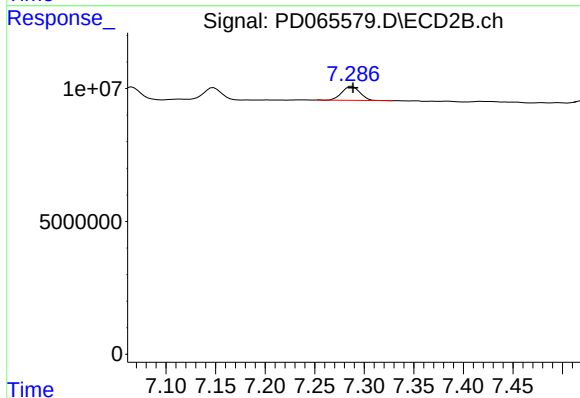
Response: 1530911

Conc: 0.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2021

Manual Integrations
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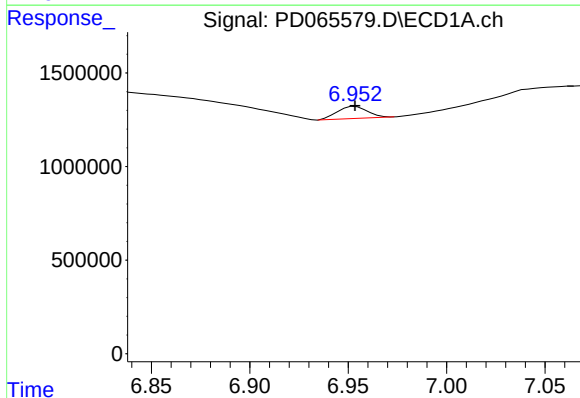
#19 Endosulfan Sulfate

R.T.: 7.288 min

Delta R.T.: 0.000 min

Response: 6608609

Conc: 1.03 ng/ml



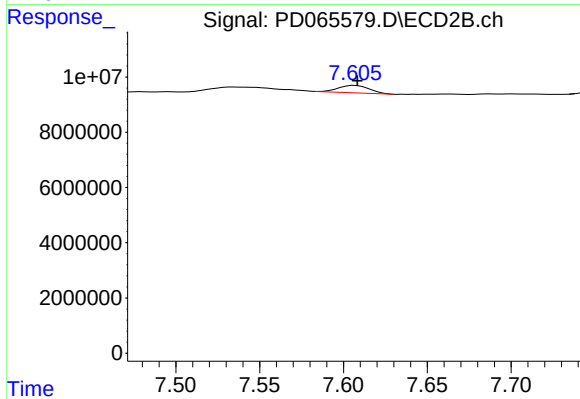
#20 Methoxychlor

R.T.: 6.954 min

Delta R.T.: 0.000 min

Response: 680484

Conc: 0.81 ng/ml



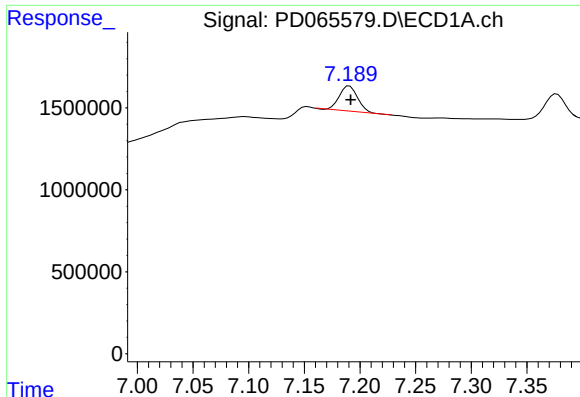
#20 Methoxychlor

R.T.: 7.605 min

Delta R.T.: -0.003 min

Response: 3432796

Conc: 1.05 ng/ml m



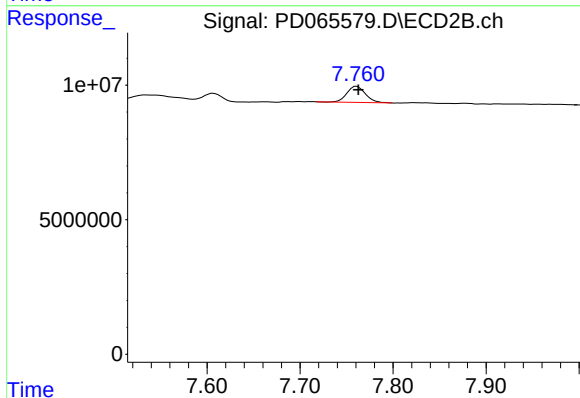
#21 Endrin ketone

R.T.: 7.191 min
Delta R.T.: -0.001 min
Response: 1696924
Conc: 0.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2021

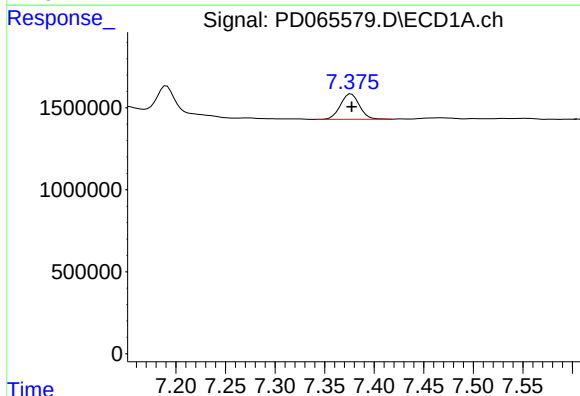
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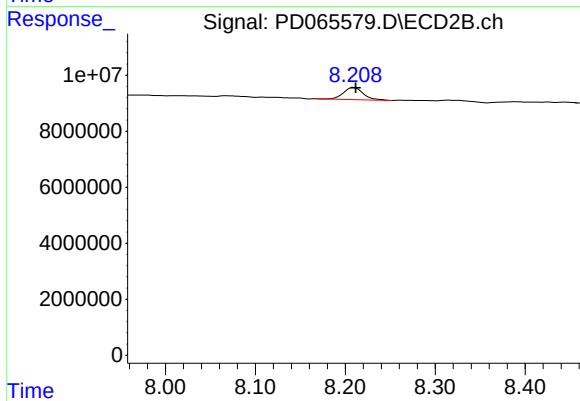
#21 Endrin ketone

R.T.: 7.761 min
Delta R.T.: -0.002 min
Response: 8288521
Conc: 1.10 ng/ml



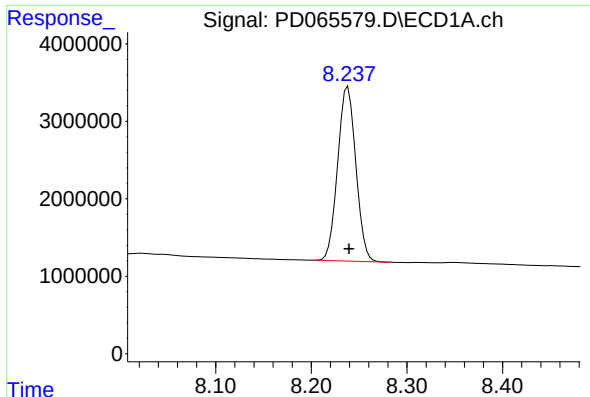
#22 Mirex

R.T.: 7.377 min
Delta R.T.: 0.000 min
Response: 2082117
Conc: 1.33 ng/ml



#22 Mirex

R.T.: 8.210 min
Delta R.T.: -0.002 min
Response: 6730903
Conc: 1.27 ng/ml



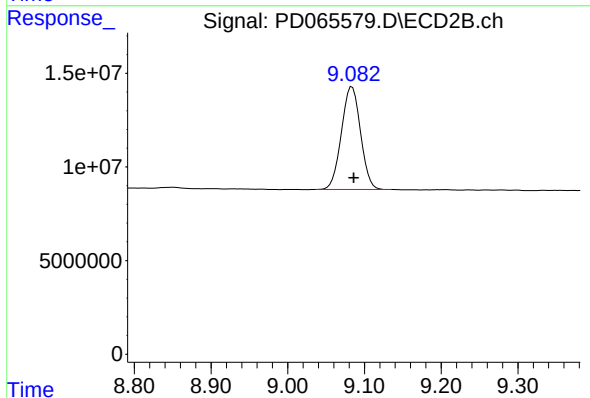
#28 Decachlorobiphenyl

R.T.: 8.238 min
Delta R.T.: -0.001 min
Response: 29776574
Conc: 17.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2021

Manual Integrations
APPROVED

mohammad
9/8/2021 2:41:44 PM



#28 Decachlorobiphenyl

R.T.: 9.084 min
Delta R.T.: -0.002 min
Response: 95563654
Conc: 17.91 ng/ml