

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020623\
 Data File : PD073829.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2023 10:44
 Operator : AR\AJ
 Sample : 01378-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-WATER-QT1-2023-02

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/07/2023
 Supervised By : Ankita Jodhani 02/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 06 21:20:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012523CLP.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 25 02:23:06 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

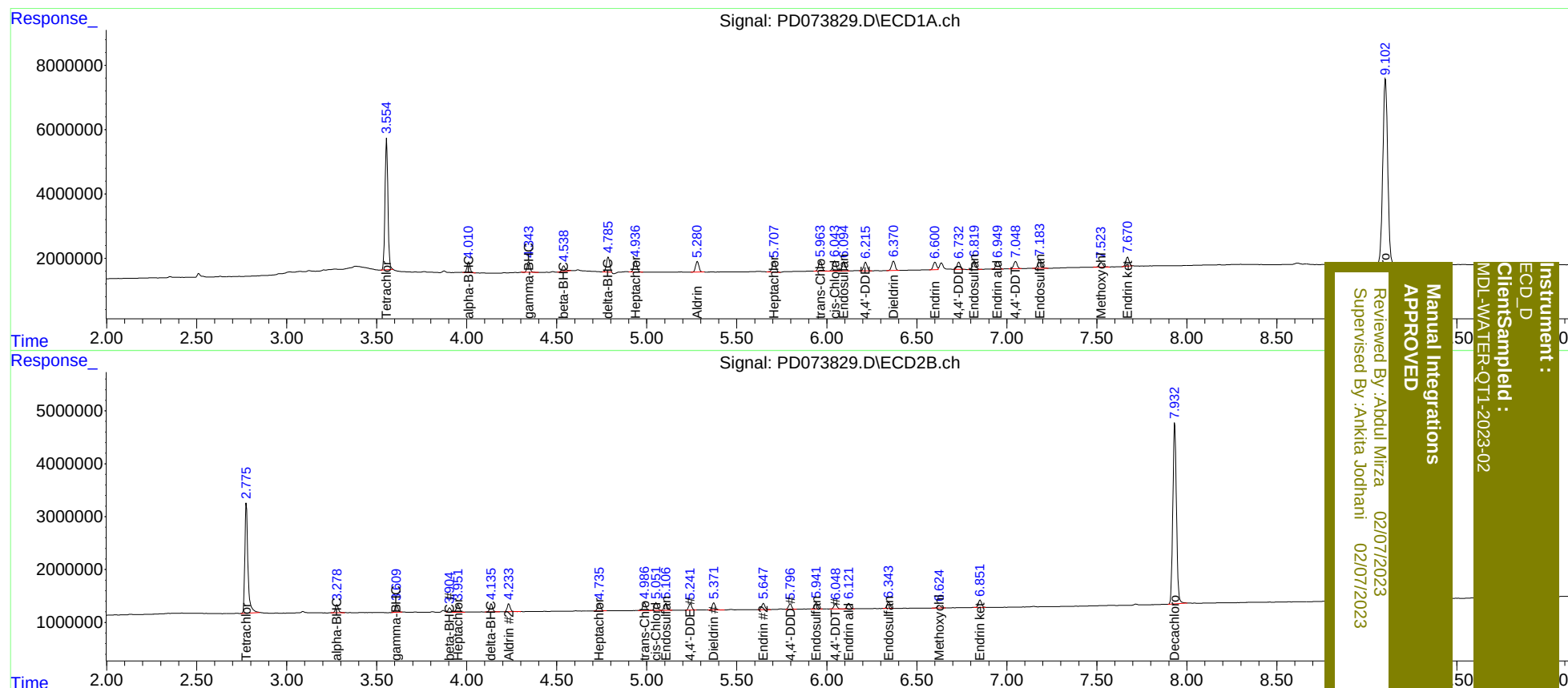
System Monitoring Compounds						
1) SA Tetrachlo...	3.555	2.776	46175484	24754605	19.499	19.502
2) SA Decachlor...	9.103	7.932	108.6E6	47931930	39.361	39.826m
Target Compounds						
2) A alpha-BHC	4.011	3.280	3776460	1721702	0.991	0.972
3) MA gamma-BHC...	4.345	3.610	3725019	1602626	1.023	0.953
4) MA Heptachlor	4.938	3.952	4325261	1674789	1.189	1.110
5) MB Aldrin	5.282	4.234	4260813	1833331	1.191	1.080
6) B beta-BHC	4.540	3.906	2295096	905390	1.366	1.108
7) B delta-BHC	4.785	4.137	5834144	1695886	1.785m	0.978 #
8) B Heptachlo...	5.708	4.737	4578471	1700398	1.408	1.092
9) A Endosulfan I	6.095	5.108	3884966	1621914	1.266	1.130
10) B trans-Chl...	5.965	4.988	4051722	1769630	1.258	1.133
11) B cis-Chlor...	6.045	5.052	4168458	1800133	1.251	1.120
12) B 4,4'-DDE	6.216	5.242	3508433	1437856	1.113	0.979
13) MA Dieldrin	6.371	5.373	3913387	1656582	1.165	1.064
14) MA Endrin	6.600	5.648	3179168	1451282	1.136m	1.128
15) B Endosulfa...	6.820	5.942	3573799	1508225	1.209	1.096
16) A 4,4'-DDD	6.732	5.797	2869597	1292265	1.128m	1.071
17) MA 4,4'-DDT	7.049	6.049	3046688	1135564	1.116	0.962
18) B Endrin al...	6.950	6.122	3181172	1271179	1.330	1.164
19) B Endosulfa...	7.184	6.345	3663480	1448197	1.319	1.152
20) A Methoxychlor	7.524	6.626	2037419	637419	1.369	1.156
21) B Endrin ke...	7.670	6.851	3649554	1703197	1.145m	1.132m

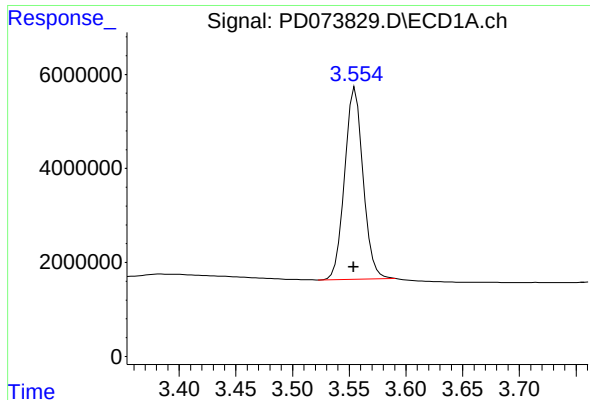
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073829\
Data File : PD073829.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Feb 2023 10:44
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Sample : 01378-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: autoint1.e
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Quant Time: Feb 06 21:20:36 2023
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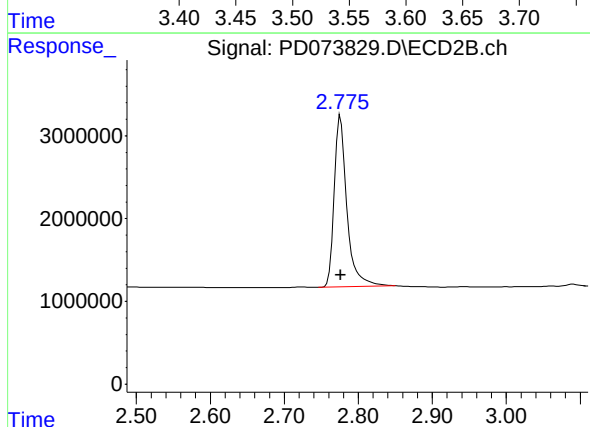
#1 Tetrachloro-m-xylene

R.T.: 3.555 min
Delta R.T.: 0.001 min
Response: 46175484
Conc: 19.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2023-02

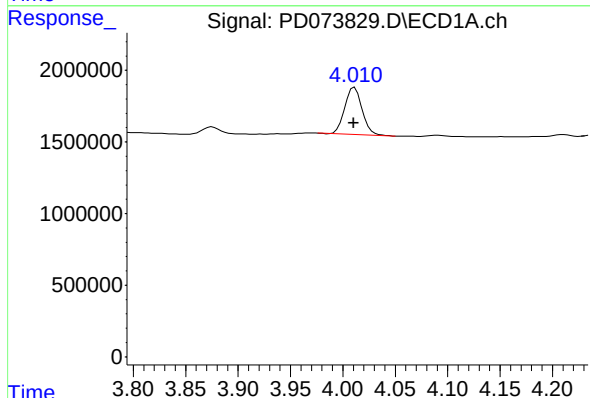
Manual Integrations
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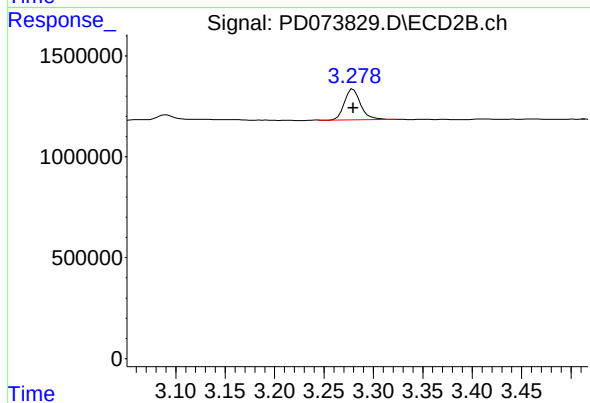
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.000 min
Response: 24754605
Conc: 19.50 ng/ml



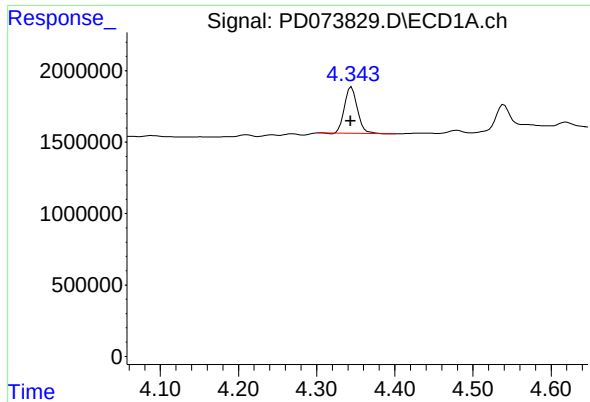
#2 alpha-BHC

R.T.: 4.011 min
Delta R.T.: 0.000 min
Response: 3776460
Conc: 0.99 ng/ml



#2 alpha-BHC

R.T.: 3.280 min
Delta R.T.: 0.000 min
Response: 1721702
Conc: 0.97 ng/ml



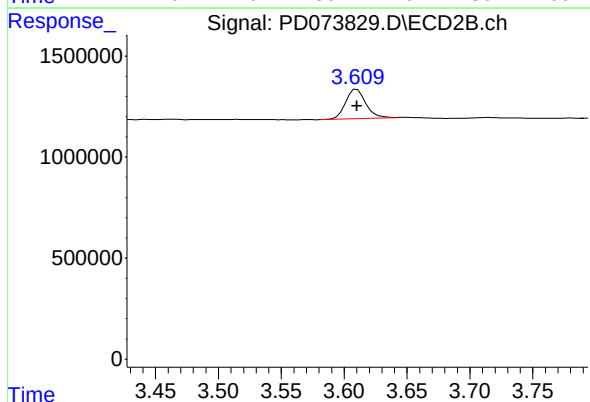
#3 gamma-BHC (Lindane)

R.T.: 4.345 min
Delta R.T.: 0.001 min
Response: 3725019
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2023-02

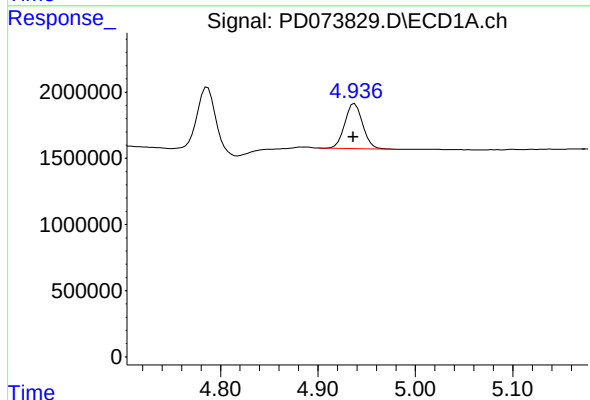
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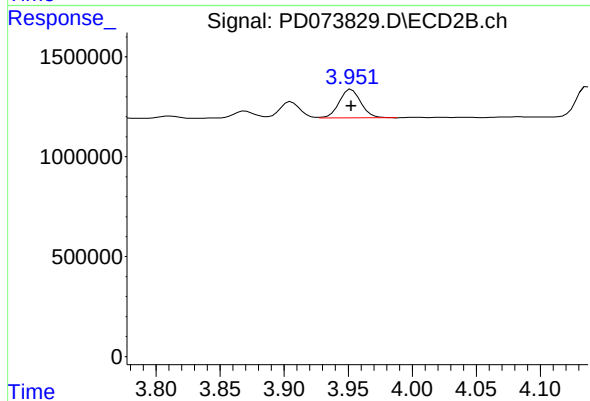
#3 gamma-BHC (Lindane)

R.T.: 3.610 min
Delta R.T.: 0.000 min
Response: 1602626
Conc: 0.95 ng/ml



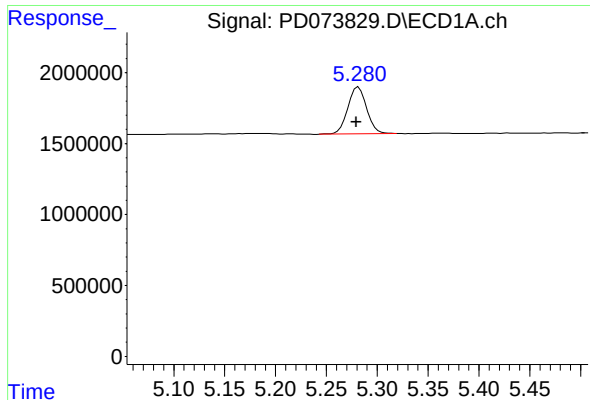
#4 Heptachlor

R.T.: 4.938 min
Delta R.T.: 0.002 min
Response: 4325261
Conc: 1.19 ng/ml



#4 Heptachlor

R.T.: 3.952 min
Delta R.T.: 0.000 min
Response: 1674789
Conc: 1.11 ng/ml



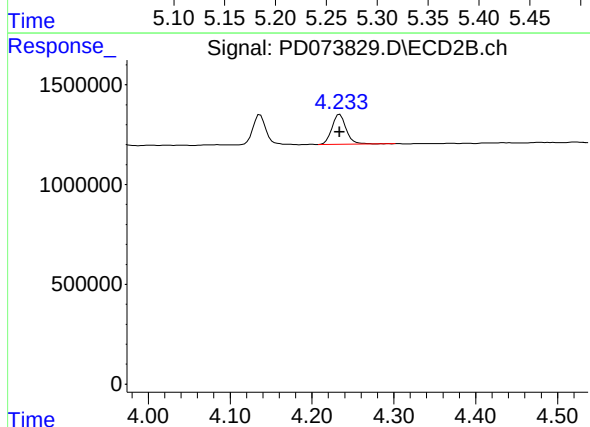
#5 Aldrin

R.T.: 5.282 min
Delta R.T.: 0.002 min
Response: 4260813
Conc: 1.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2023-02

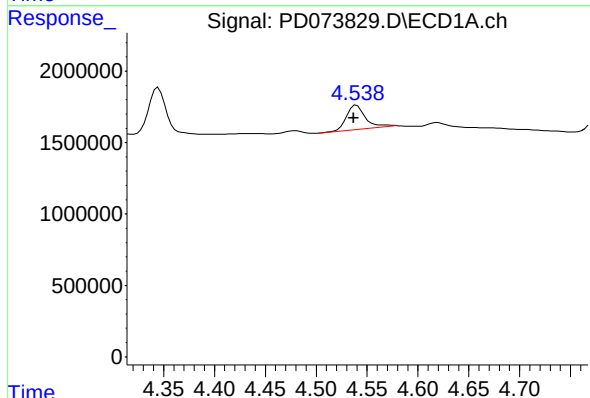
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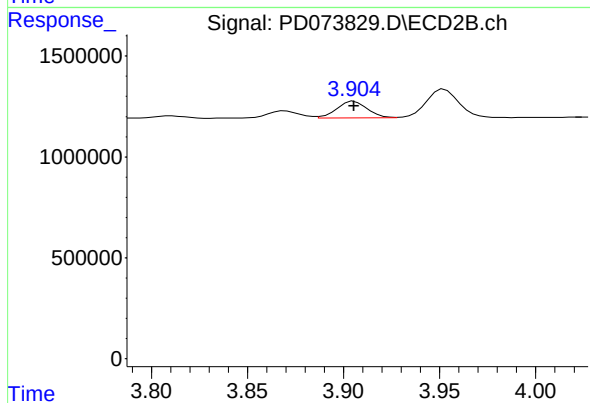
#5 Aldrin

R.T.: 4.234 min
Delta R.T.: 0.000 min
Response: 1833331
Conc: 1.08 ng/ml



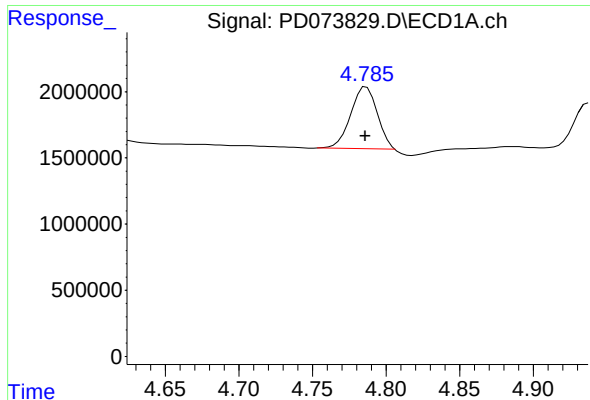
#6 beta-BHC

R.T.: 4.540 min
Delta R.T.: 0.003 min
Response: 2295096
Conc: 1.37 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: 0.000 min
Response: 905390
Conc: 1.11 ng/ml



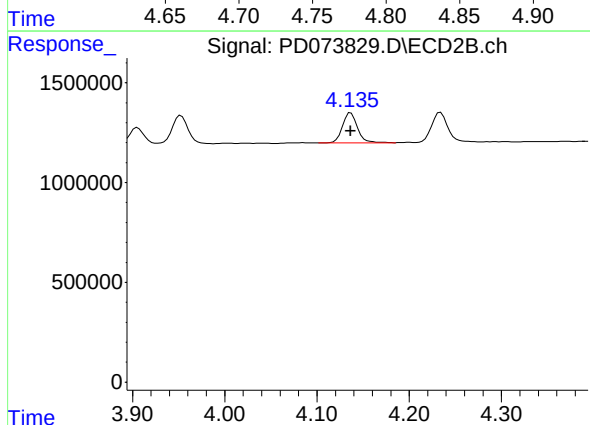
#7 delta-BHC

R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 5834144
Conc: 1.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2023-02

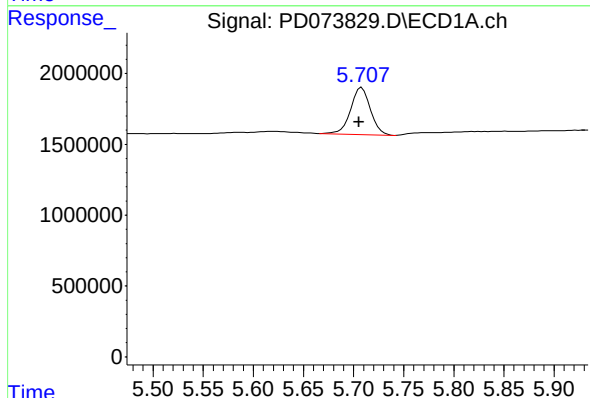
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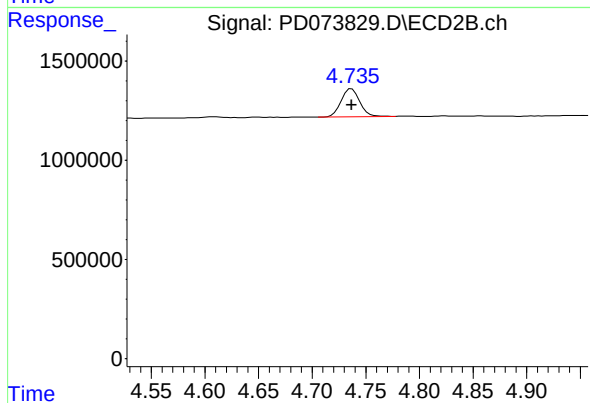
#7 delta-BHC

R.T.: 4.137 min
Delta R.T.: 0.000 min
Response: 1695886
Conc: 0.98 ng/ml



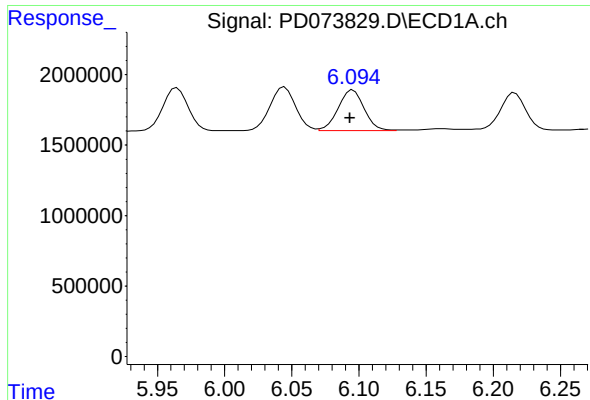
#8 Heptachlor epoxide

R.T.: 5.708 min
Delta R.T.: 0.003 min
Response: 4578471
Conc: 1.41 ng/ml



#8 Heptachlor epoxide

R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 1700398
Conc: 1.09 ng/ml



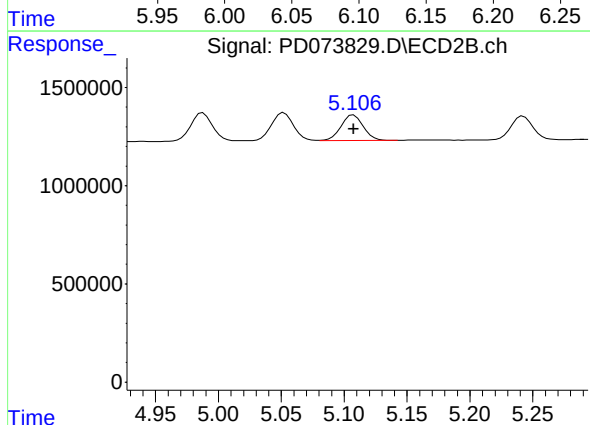
#9 Endosulfan I

R.T.: 6.095 min
Delta R.T.: 0.002 min
Response: 3884966
Conc: 1.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2023-02

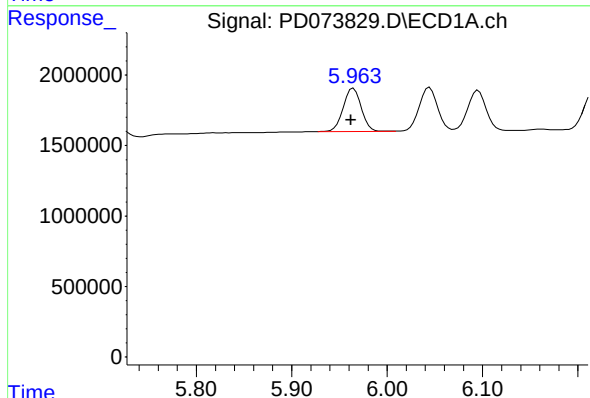
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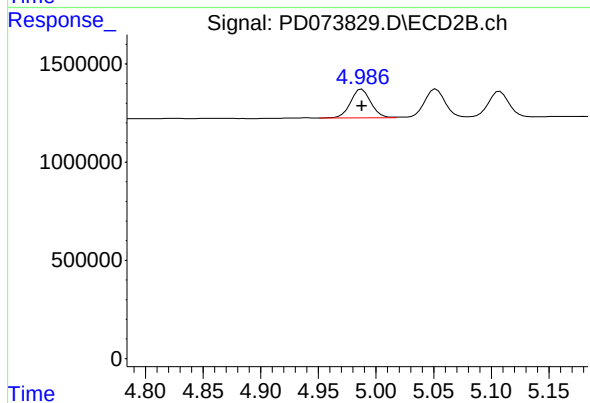
#9 Endosulfan I

R.T.: 5.108 min
Delta R.T.: 0.000 min
Response: 1621914
Conc: 1.13 ng/ml



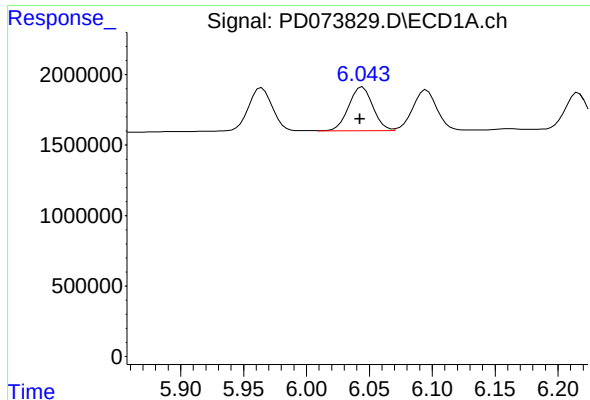
#10 trans-Chlordane

R.T.: 5.965 min
Delta R.T.: 0.002 min
Response: 4051722
Conc: 1.26 ng/ml



#10 trans-Chlordane

R.T.: 4.988 min
Delta R.T.: 0.000 min
Response: 1769630
Conc: 1.13 ng/ml



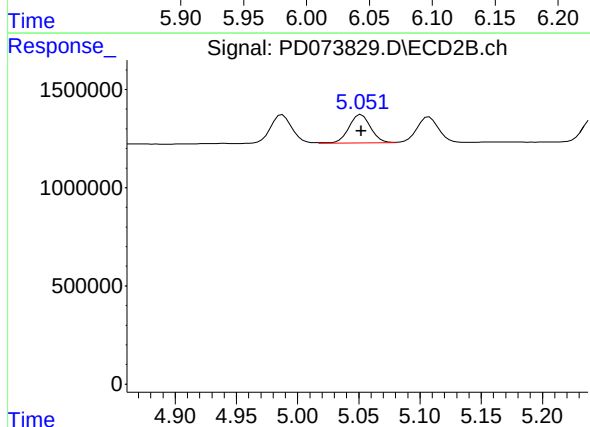
#11 cis-Chlordane

R.T.: 6.045 min
Delta R.T.: 0.002 min
Response: 4168458
Conc: 1.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2023-02

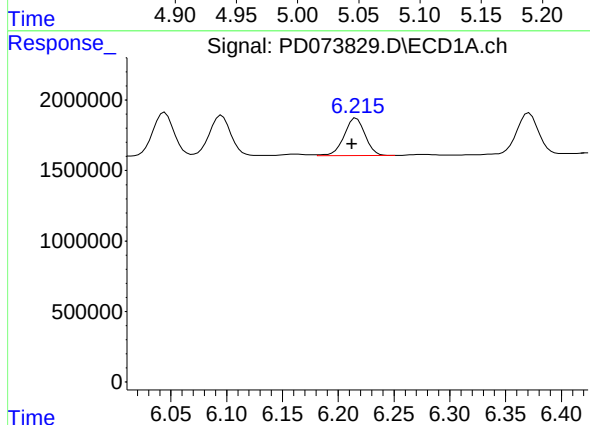
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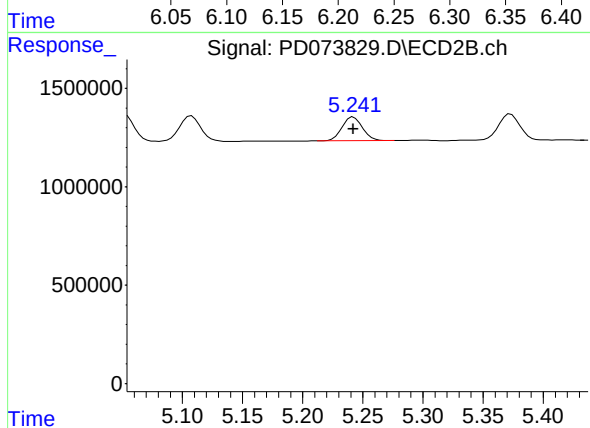
#11 cis-Chlordane

R.T.: 5.052 min
Delta R.T.: 0.000 min
Response: 1800133
Conc: 1.12 ng/ml



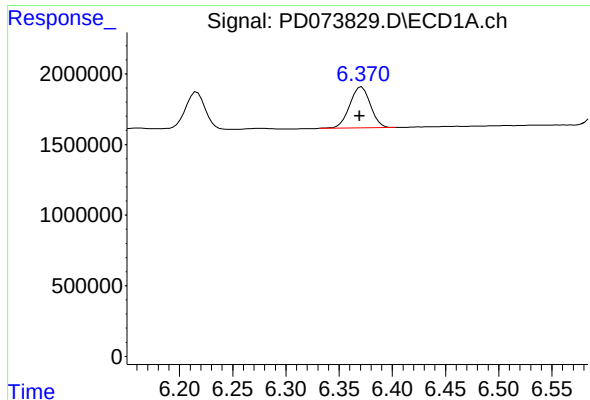
#12 4,4'-DDE

R.T.: 6.216 min
Delta R.T.: 0.004 min
Response: 3508433
Conc: 1.11 ng/ml



#12 4,4'-DDE

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 1437856
Conc: 0.98 ng/ml



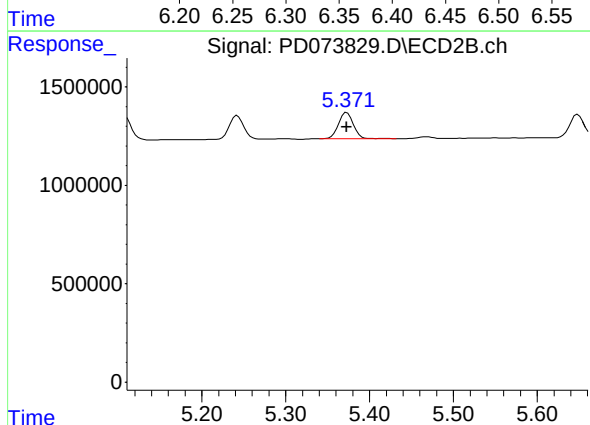
#13 Dieldrin

R.T.: 6.371 min
Delta R.T.: 0.002 min
Response: 3913387
Conc: 1.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2023-02

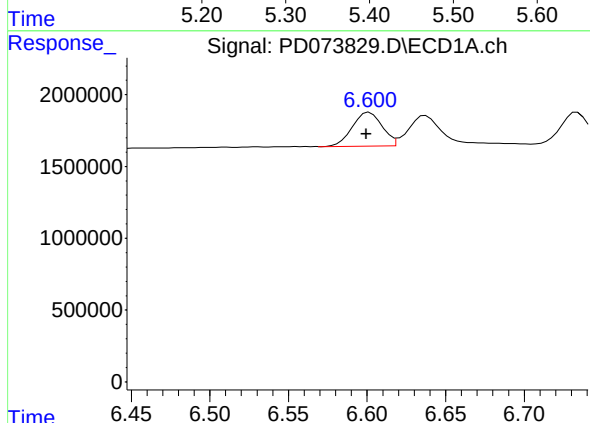
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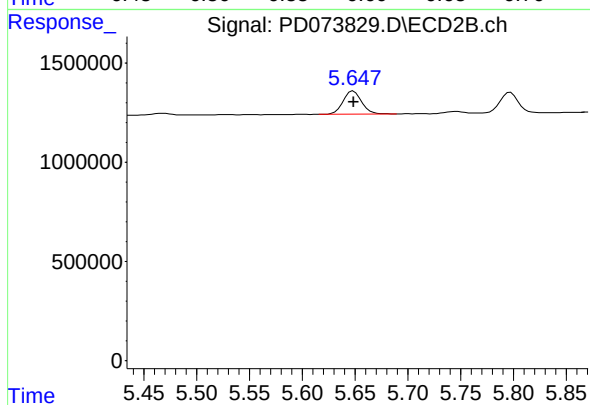
#13 Dieldrin

R.T.: 5.373 min
Delta R.T.: 0.000 min
Response: 1656582
Conc: 1.06 ng/ml



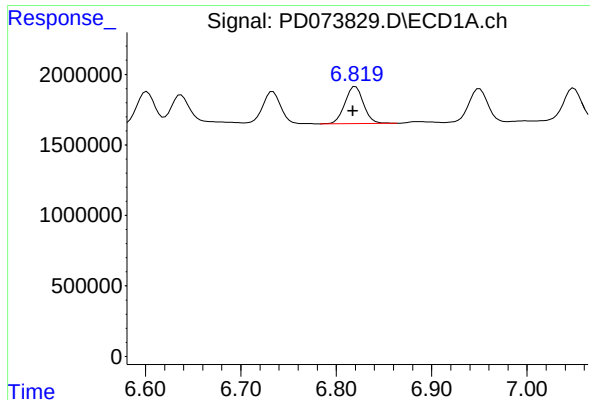
#14 Endrin

R.T.: 6.600 min
Delta R.T.: 0.000 min
Response: 3179168
Conc: 1.14 ng/ml m



#14 Endrin

R.T.: 5.648 min
Delta R.T.: 0.000 min
Response: 1451282
Conc: 1.13 ng/ml



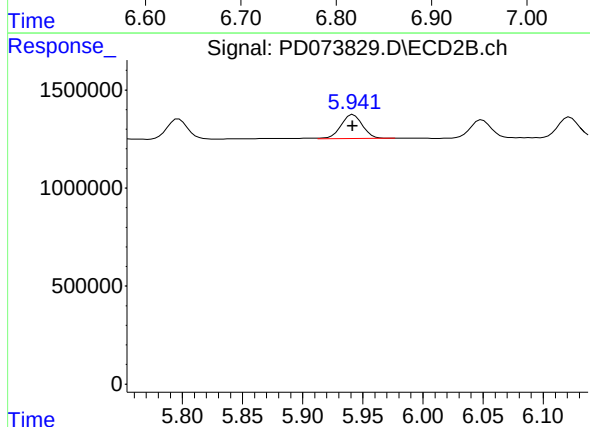
#15 Endosulfan II

R.T.: 6.820 min
Delta R.T.: 0.003 min
Response: 3573799
Conc: 1.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2023-02

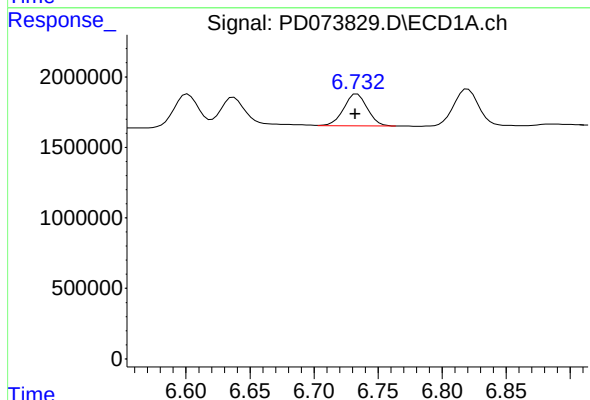
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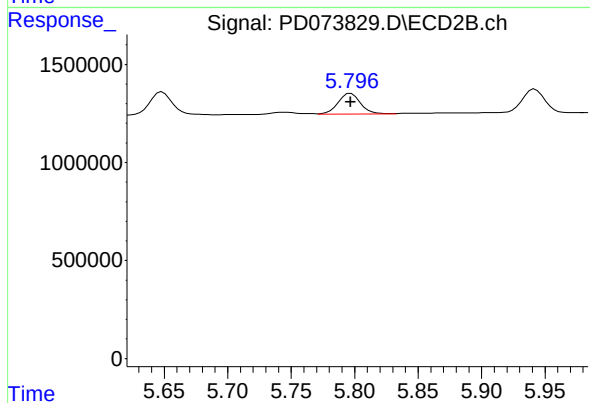
#15 Endosulfan II

R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 1508225
Conc: 1.10 ng/ml



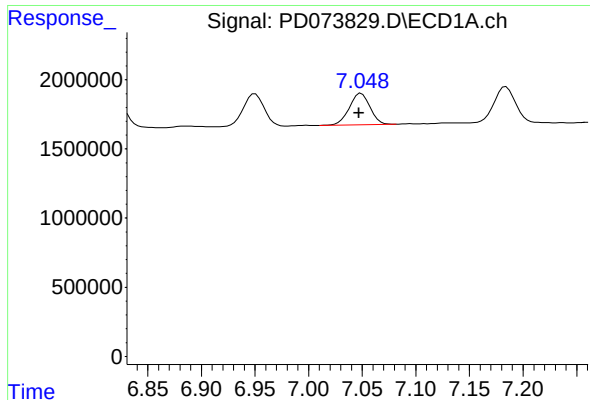
#16 4,4'-DDD

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 2869597
Conc: 1.13 ng/ml m



#16 4,4'-DDD

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 1292265
Conc: 1.07 ng/ml



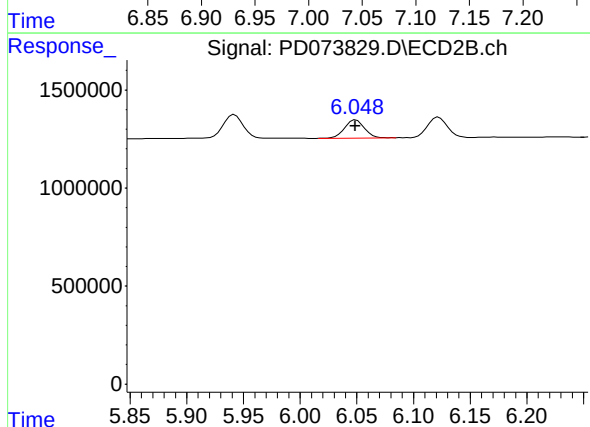
#17 4,4'-DDT

R.T.: 7.049 min
Delta R.T.: 0.002 min
Response: 3046688
Conc: 1.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2023-02

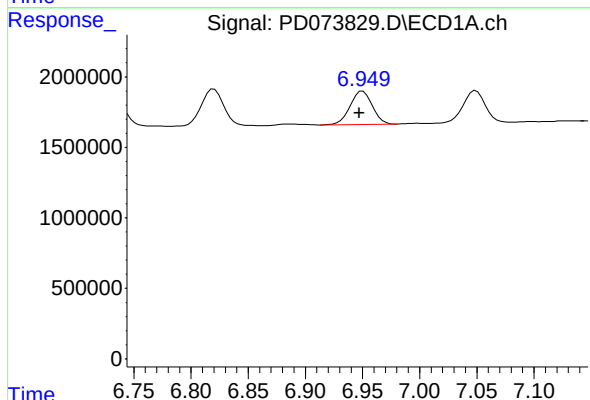
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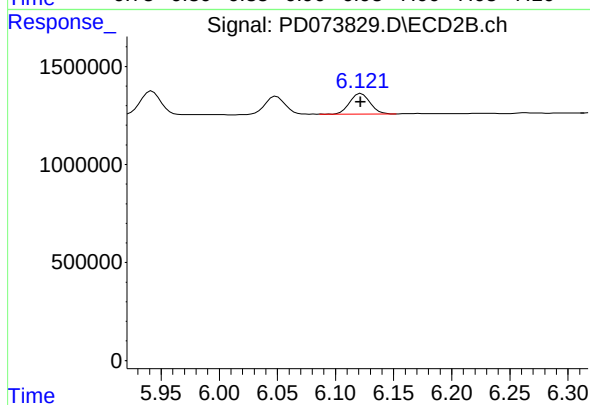
#17 4,4'-DDT

R.T.: 6.049 min
Delta R.T.: 0.000 min
Response: 1135564
Conc: 0.96 ng/ml



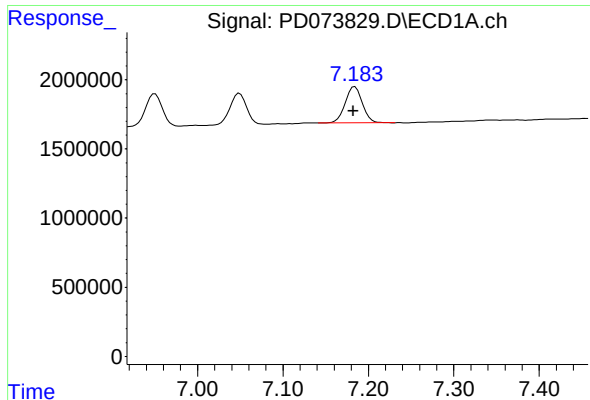
#18 Endrin aldehyde

R.T.: 6.950 min
Delta R.T.: 0.003 min
Response: 3181172
Conc: 1.33 ng/ml



#18 Endrin aldehyde

R.T.: 6.122 min
Delta R.T.: 0.000 min
Response: 1271179
Conc: 1.16 ng/ml



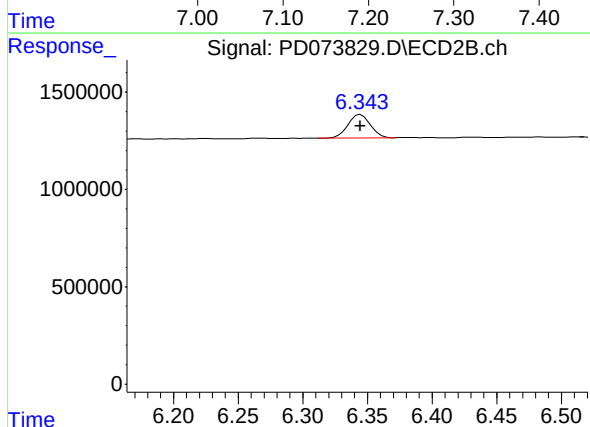
#19 Endosulfan Sulfate

R.T.: 7.184 min
Delta R.T.: 0.002 min
Response: 3663480
Conc: 1.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2023-02

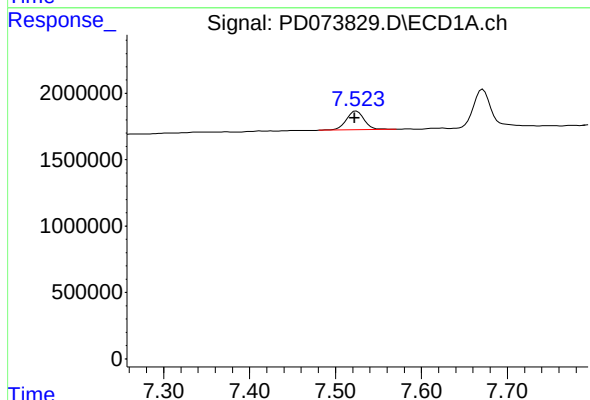
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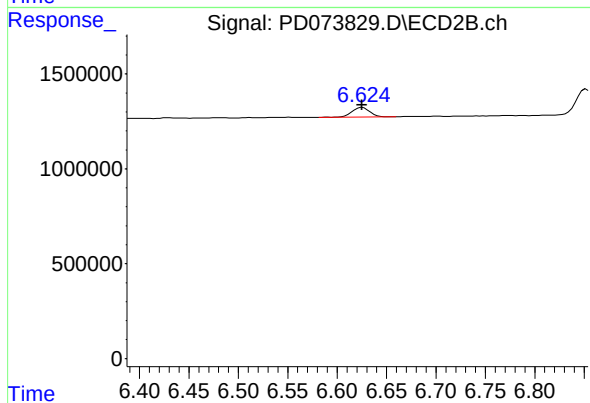
#19 Endosulfan Sulfate

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 1448197
Conc: 1.15 ng/ml



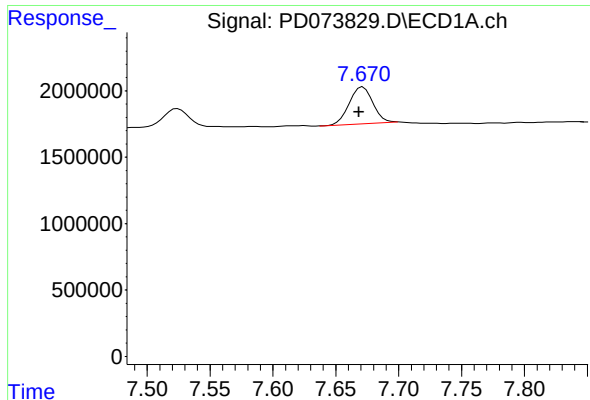
#20 Methoxychlor

R.T.: 7.524 min
Delta R.T.: 0.002 min
Response: 2037419
Conc: 1.37 ng/ml



#20 Methoxychlor

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 637419
Conc: 1.16 ng/ml



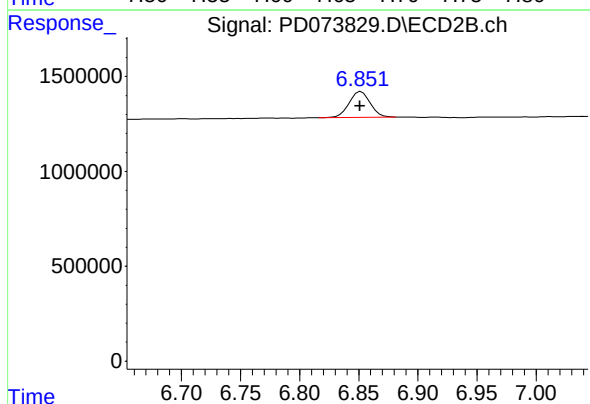
#21 Endrin ketone

R.T.: 7.670 min
Delta R.T.: 0.002 min
Response: 3649554
Conc: 1.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2023-02

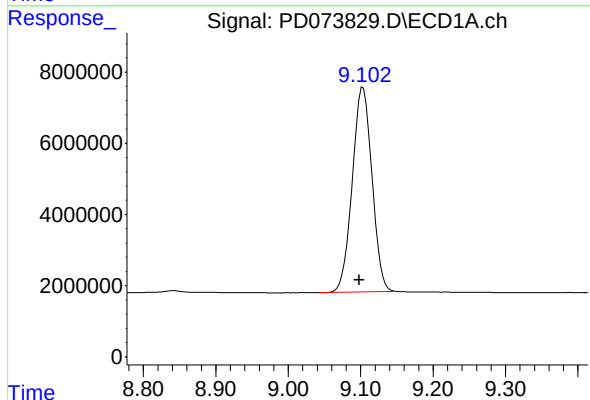
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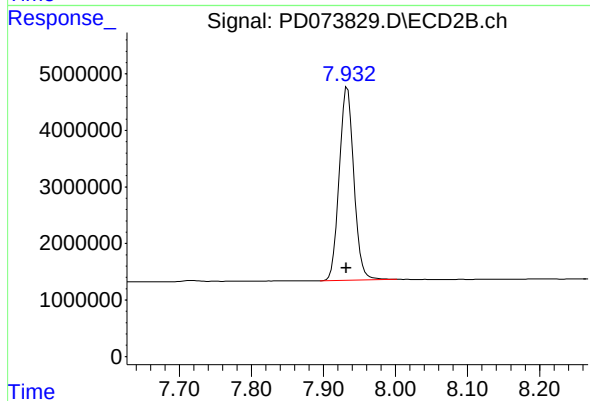
#21 Endrin ketone

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 1703197
Conc: 1.13 ng/ml m



#27 Decachlorobiphenyl

R.T.: 9.103 min
Delta R.T.: 0.005 min
Response: 108594619
Conc: 39.36 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.932 min
Delta R.T.: 0.000 min
Response: 47931930
Conc: 39.83 ng/ml m