

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082021\
 Data File : PD065086.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Aug 2021 02:00
 Operator : AR\AJ
 Sample : M2940-09
 Misc : PEST MDL 1 PPB
 ALS Vial : 29 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: Aug 21 00:18:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082021.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 20 02:25:41 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...	3.496	4.013	19553358	151.3E6	19.023	19.100
28)	SA Decachlor...	8.241	9.083	24009643	92981533	21.190	19.647
Target Compounds							
2)	A alpha-BHC	3.935	4.408	1649959	13856999	1.153	1.193
3)	MA gamma-BHC...	4.218	4.694	2308954	12645939	1.683	1.194 #
4)	MA Heptachlor	4.517	5.197	1591603	11859340	1.222	1.183m
5)	MB Aldrin	4.765	5.503	1361438	12124237	1.135	1.342
7)	B delta-BHC	4.671	5.087	1269837	18918823	0.960	1.948 #
8)	B Heptachlo...	5.207	5.893	1327152	5554011	1.168	0.744 #
9)	A Endosulfan I	5.545	6.250	1244862	8003515	1.167	1.136m
10)	B gamma-Chl...	5.431	6.125	1341536	9503542	1.186m	1.243m
11)	B alpha-Chl...	5.491	6.197	1328289	8739063	1.186	1.174m
12)	B 4,4'-DDE	5.653	6.357	1127714	8089757	1.070	1.127
13)	MA Dieldrin	5.789	6.509	1264232	8085733	1.127	1.114
14)	MA Endrin	6.047	6.727	1405843	6455772	1.340	1.049m
15)	B Endosulfa...	6.318	6.942	1359732	6681753	1.360	1.139
16)	A 4,4'-DDD	6.169	6.851	845595	6474092	0.894	1.101
17)	MA 4,4'-DDT	6.409	7.149	969143	6158886	0.975	1.027
18)	B Endrin al...	6.487	7.065	992605	5512234	1.200	1.182
19)	B Endosulfa...	6.698	7.288	1186934	6265990	1.118	1.093
20)	A Methoxychlor	6.956	7.608	498935	3359051	0.846	1.110 #
21)	B Endrin ke...	7.193	7.760	1423954	7581198	1.117	1.167m
22)	Mirex	7.383	8.211	3030151	5404121	2.972	1.214 #

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

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 Data File : PD065086.D
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 Acq On : 20 Aug 2021 02:00
 Operator : AR\AJ
 Sample : M2940-09
 Misc : PEST MDL 1 PPB
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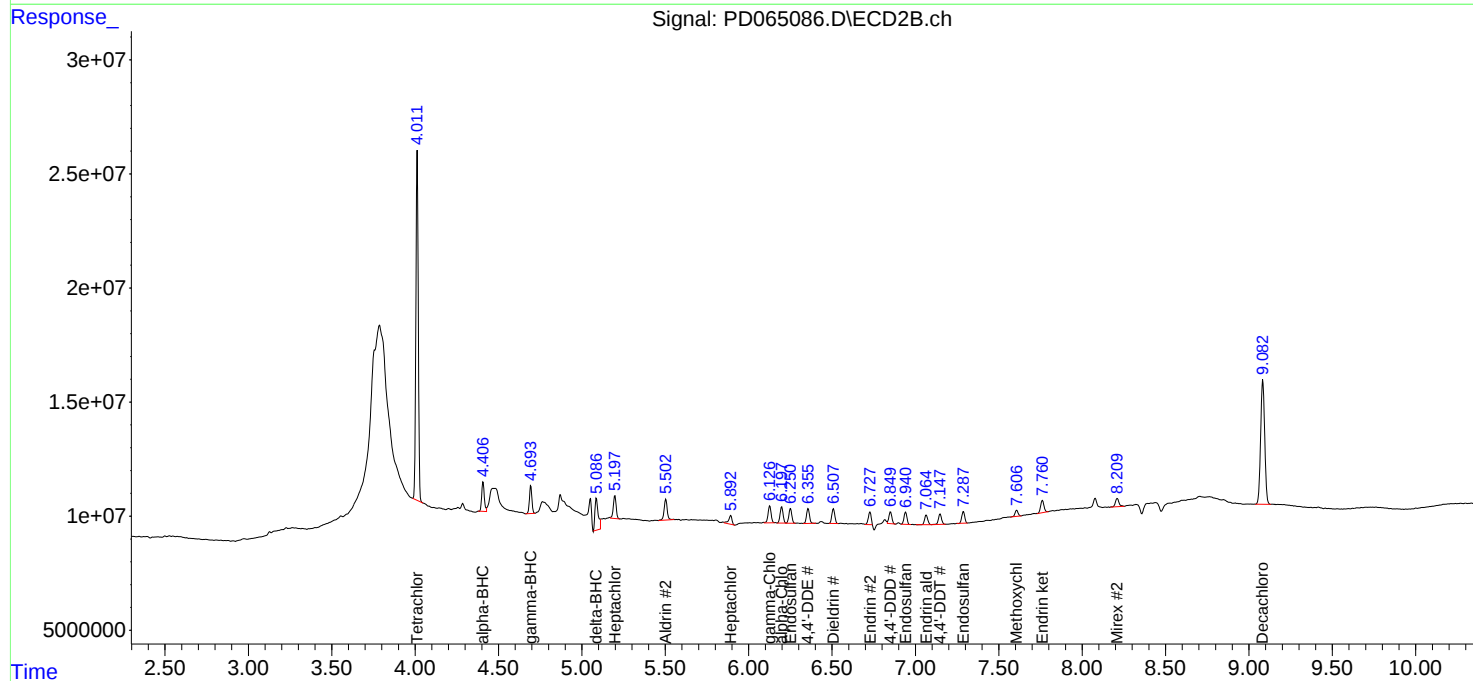
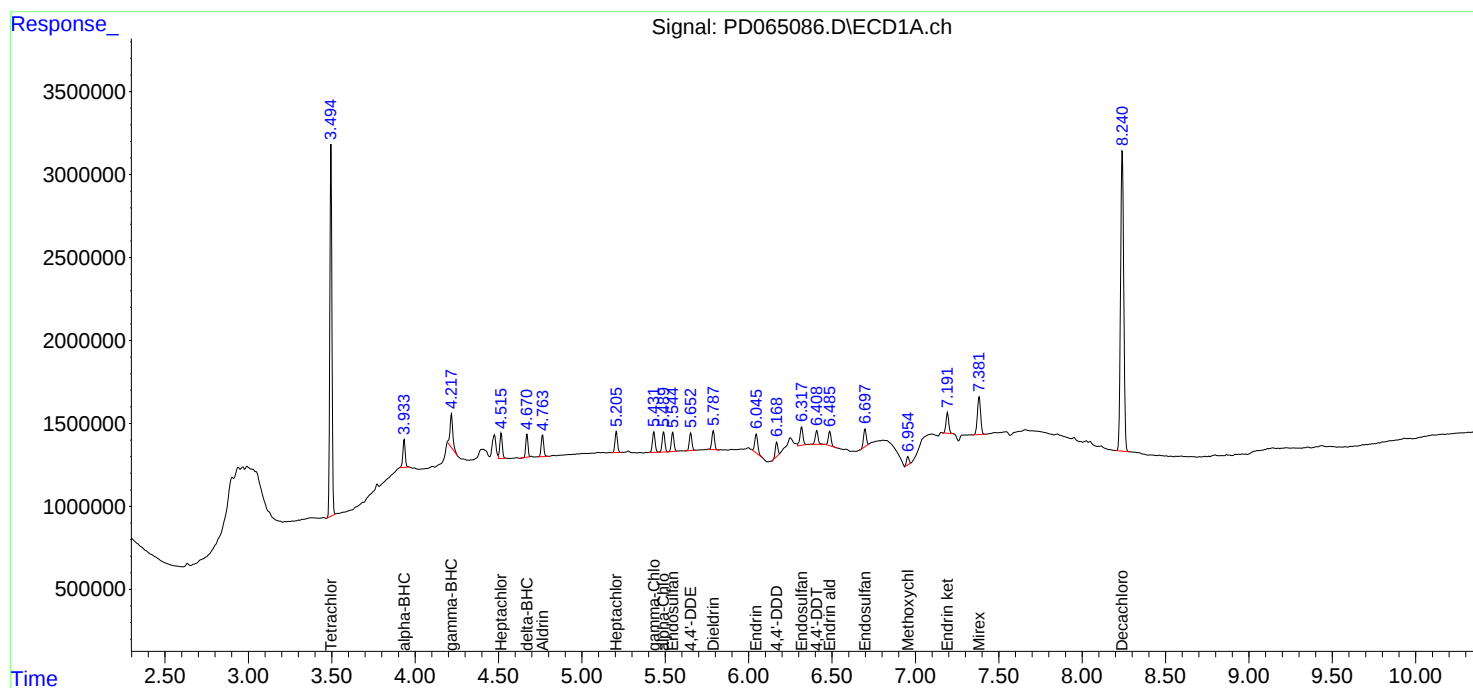
Instrument :
 ECD_D
 ClientSampleId :
 MDL-WATER-03-QT3-2021

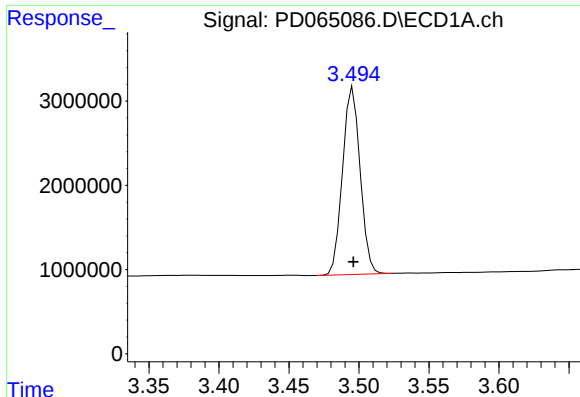
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 00:18:37 2021
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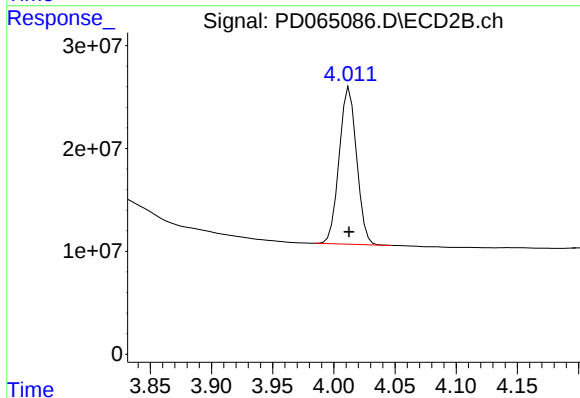
#1 Tetrachloro-m-xylene

R.T.: 3.496 min
Delta R.T.: 0.000 min
Response: 19553358
Conc: 19.02 ng/ml

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

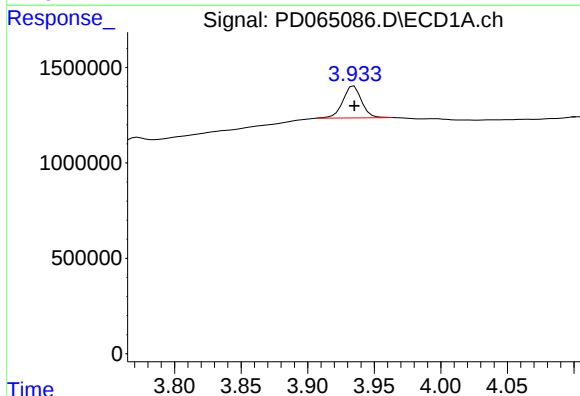
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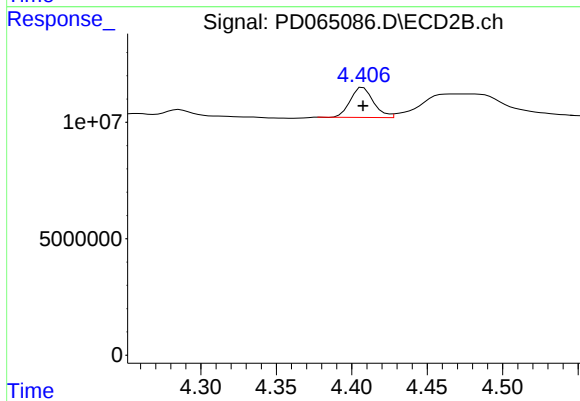
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 151285277
Conc: 19.10 ng/ml



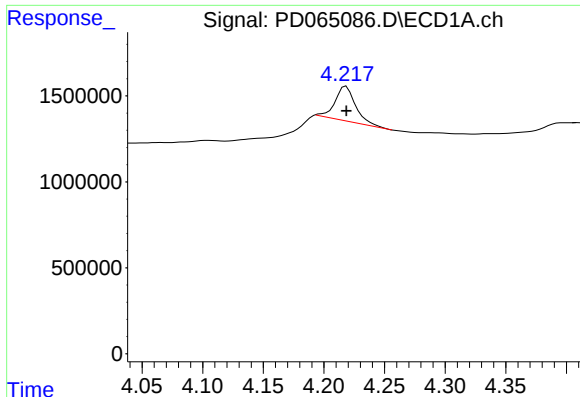
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 1649959
Conc: 1.15 ng/ml



#2 alpha-BHC

R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 13856999
Conc: 1.19 ng/ml



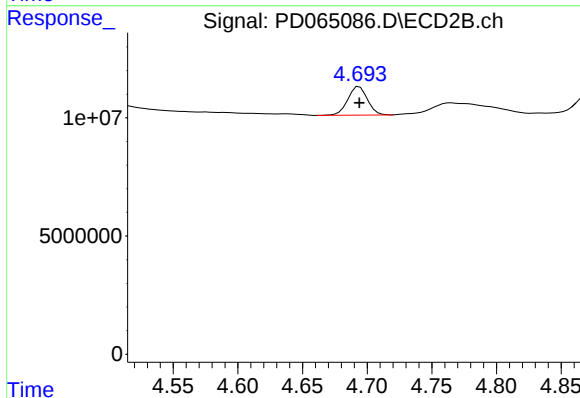
#3 gamma-BHC (Lindane)

R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 2308954
Conc: 1.68 ng/ml

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

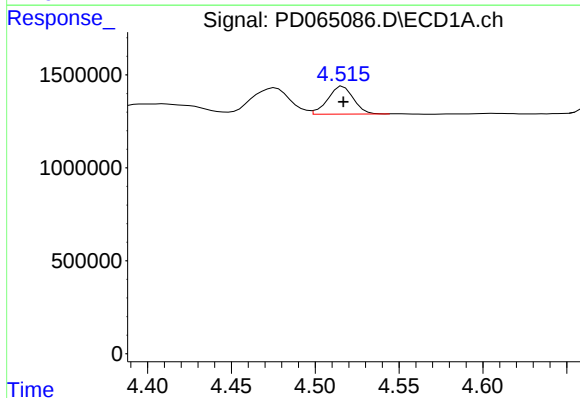
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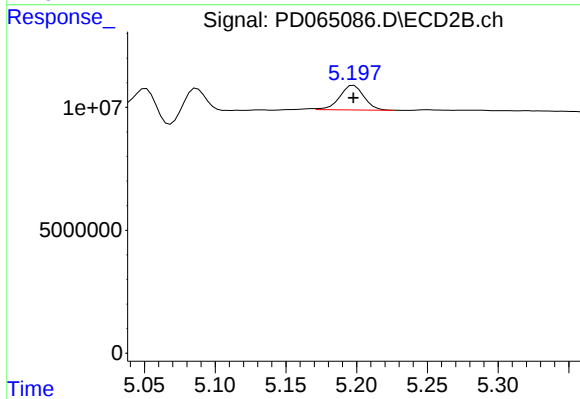
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 12645939
Conc: 1.19 ng/ml



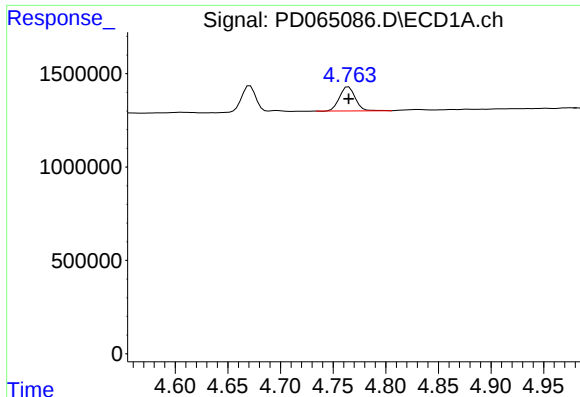
#4 Heptachlor

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 1591603
Conc: 1.22 ng/ml



#4 Heptachlor

R.T.: 5.197 min
Delta R.T.: -0.001 min
Response: 11859340
Conc: 1.18 ng/ml m



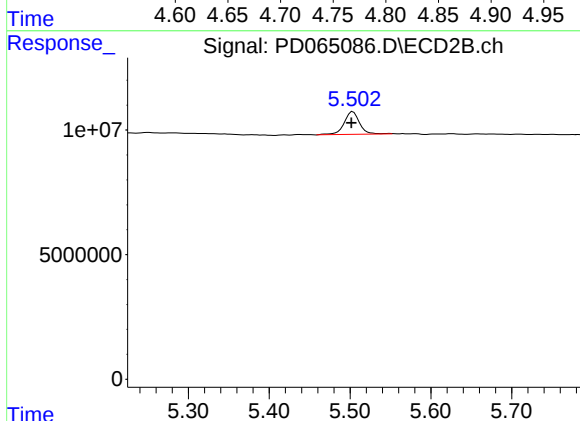
#5 Aldrin

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 1361438
Conc: 1.14 ng/ml

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

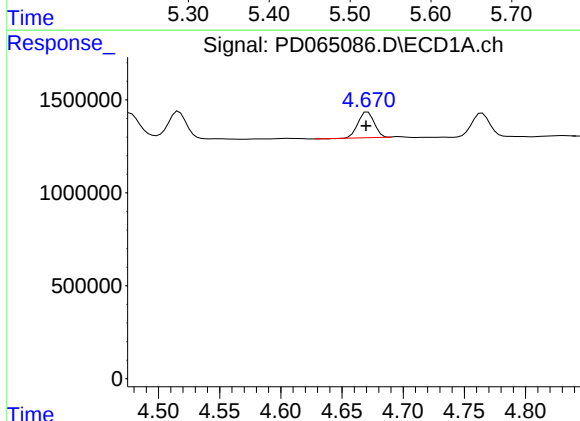
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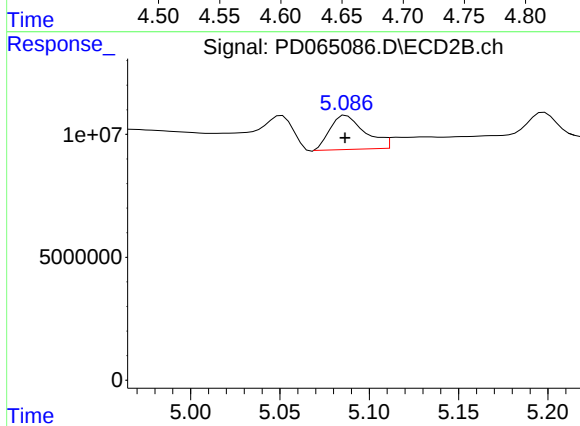
#5 Aldrin

R.T.: 5.503 min
Delta R.T.: 0.002 min
Response: 12124237
Conc: 1.34 ng/ml



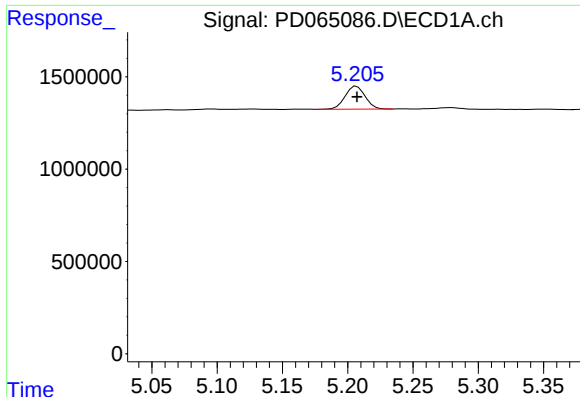
#7 delta-BHC

R.T.: 4.671 min
Delta R.T.: 0.001 min
Response: 1269837
Conc: 0.96 ng/ml



#7 delta-BHC

R.T.: 5.087 min
Delta R.T.: 0.000 min
Response: 18918823
Conc: 1.95 ng/ml



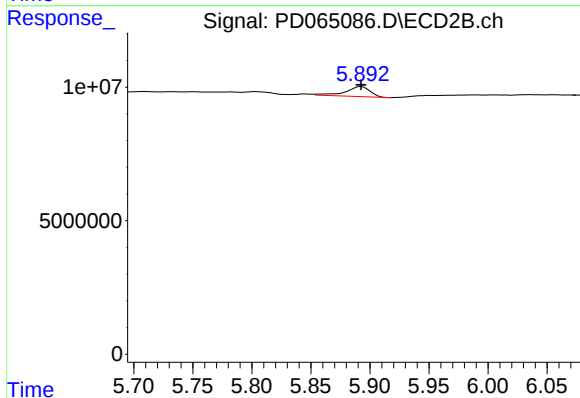
#8 Heptachlor epoxide

R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 1327152
Conc: 1.17 ng/ml

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

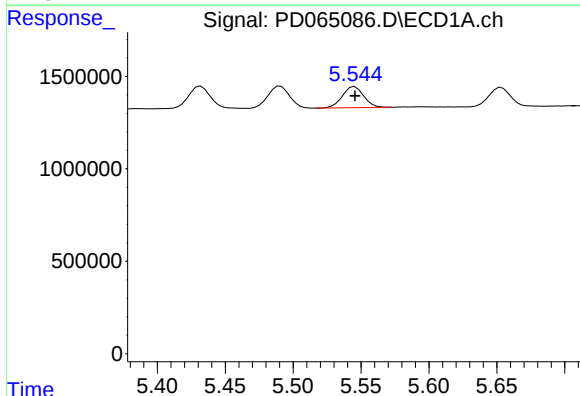
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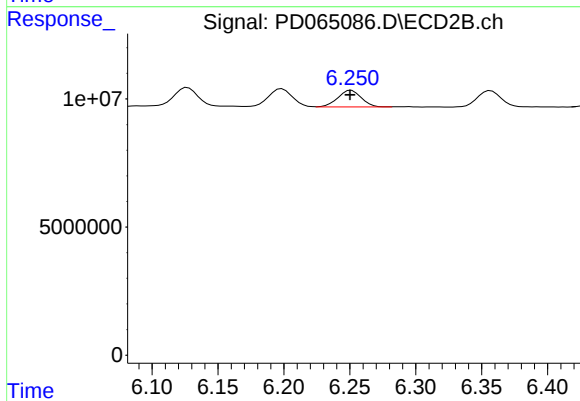
#8 Heptachlor epoxide

R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 5554011
Conc: 0.74 ng/ml



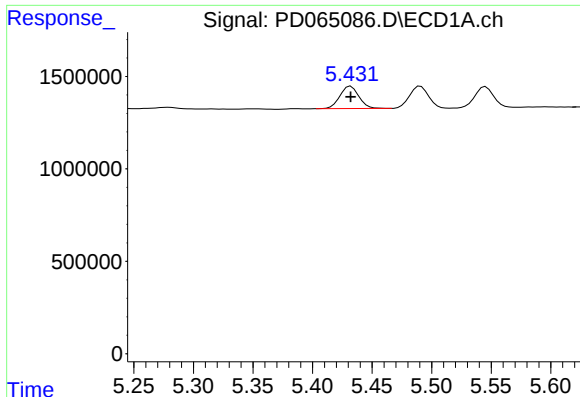
#9 Endosulfan I

R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 1244862
Conc: 1.17 ng/ml



#9 Endosulfan I

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 8003515
Conc: 1.14 ng/ml m



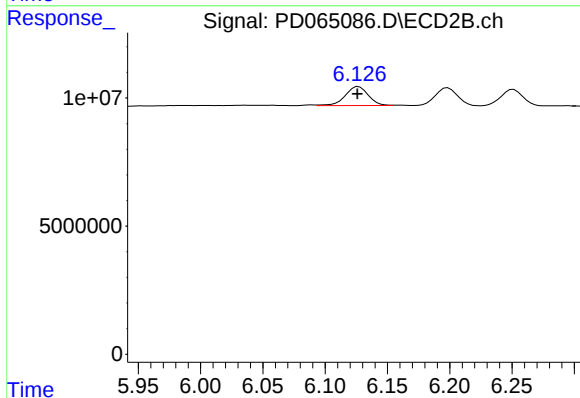
#10 gamma-Chlordane

R.T.: 5.431 min
Delta R.T.: -0.001 min
Response: 1341536
Conc: 1.19 ng/ml m

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

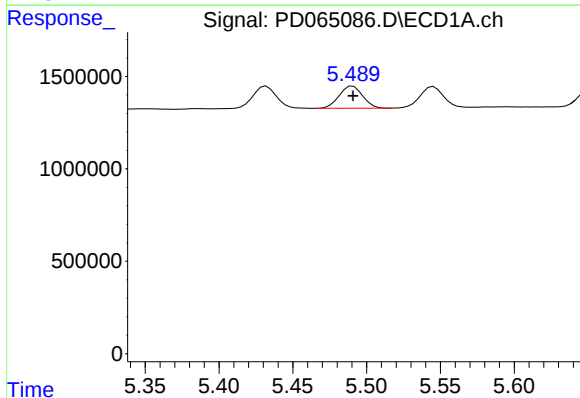
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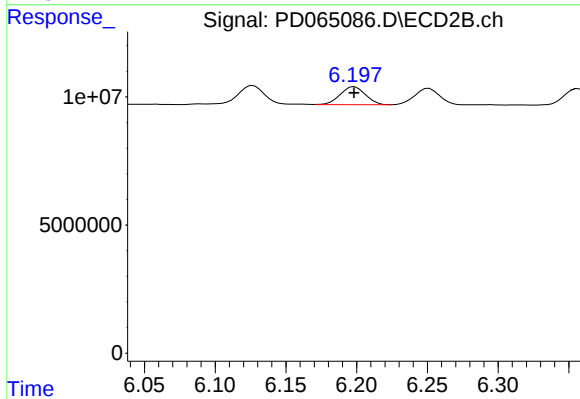
#10 gamma-Chlordane

R.T.: 6.125 min
Delta R.T.: 0.000 min
Response: 9503542
Conc: 1.24 ng/ml m



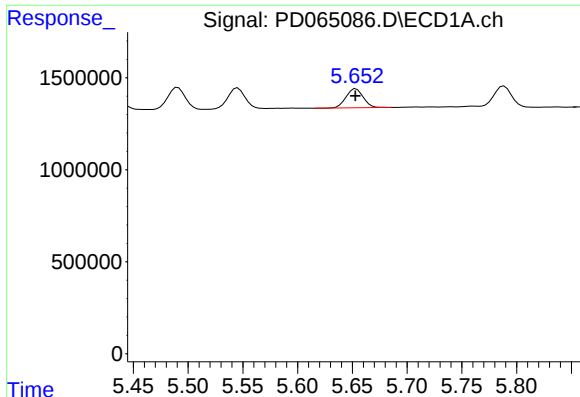
#11 alpha-Chlordane

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 1328289
Conc: 1.19 ng/ml



#11 alpha-Chlordane

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 8739063
Conc: 1.17 ng/ml m



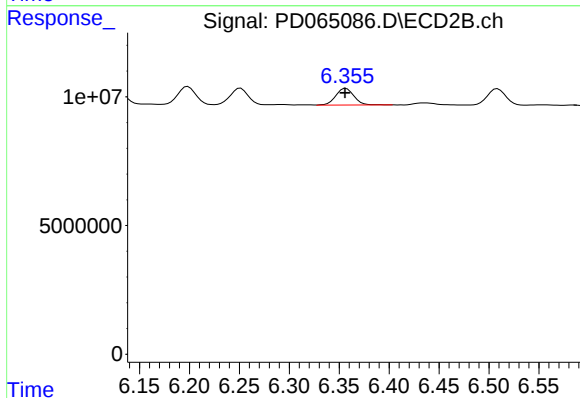
#12 4,4'-DDE

R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: 1127714
Conc: 1.07 ng/ml

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

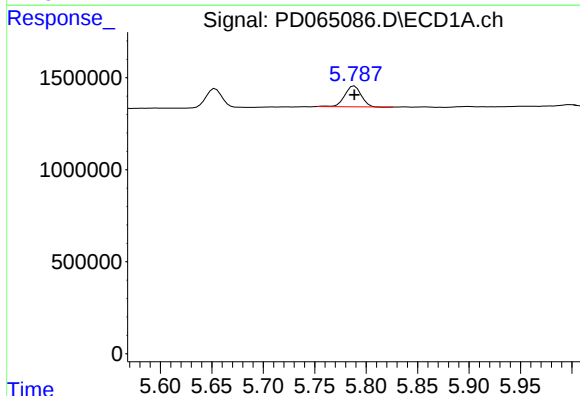
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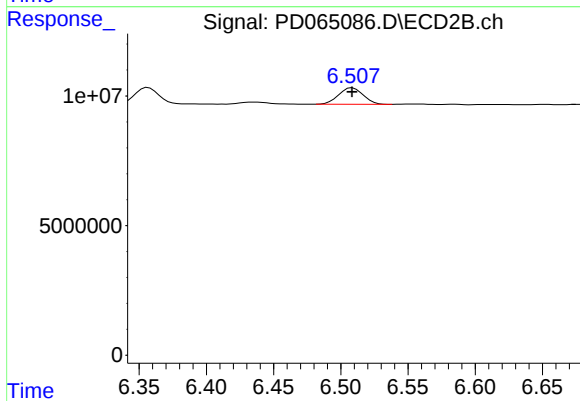
#12 4,4'-DDE

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 8089757
Conc: 1.13 ng/ml



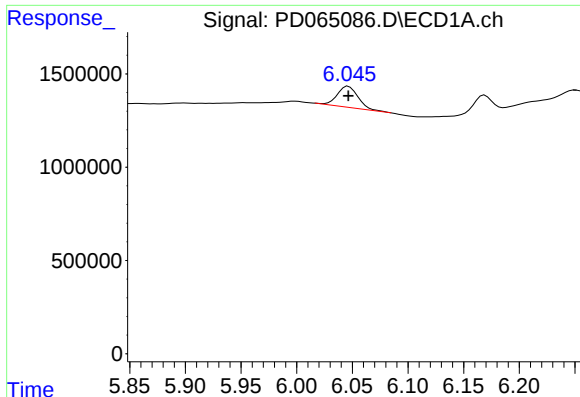
#13 Dieldrin

R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 1264232
Conc: 1.13 ng/ml



#13 Dieldrin

R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 8085733
Conc: 1.11 ng/ml



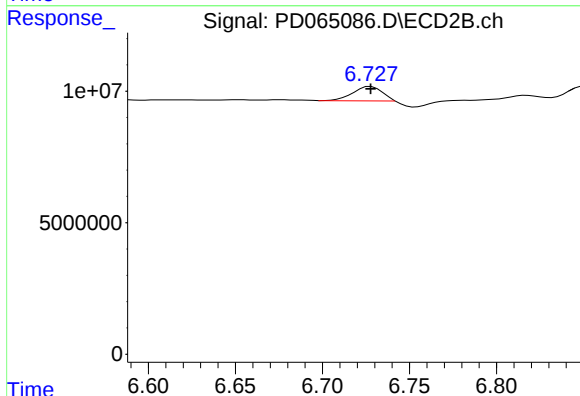
#14 Endrin

R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 1405843
Conc: 1.34 ng/ml

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

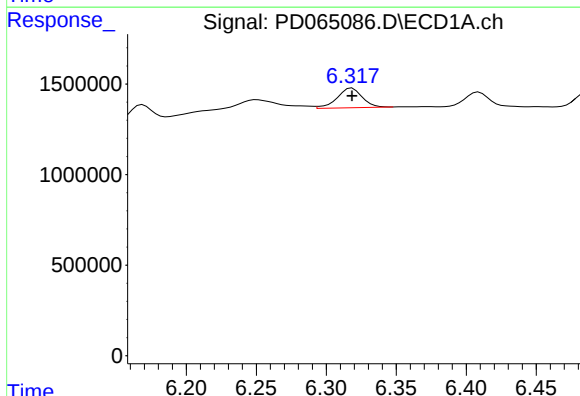
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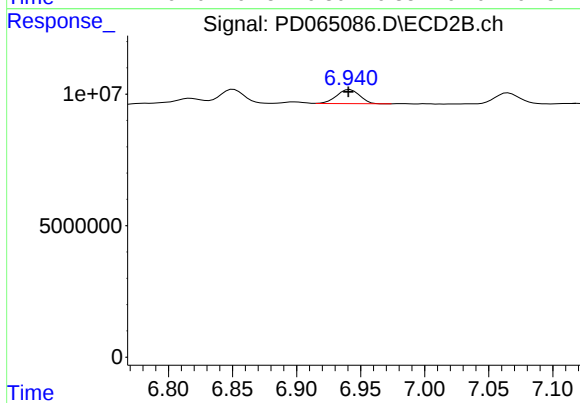
#14 Endrin

R.T.: 6.727 min
Delta R.T.: -0.001 min
Response: 6455772
Conc: 1.05 ng/ml m



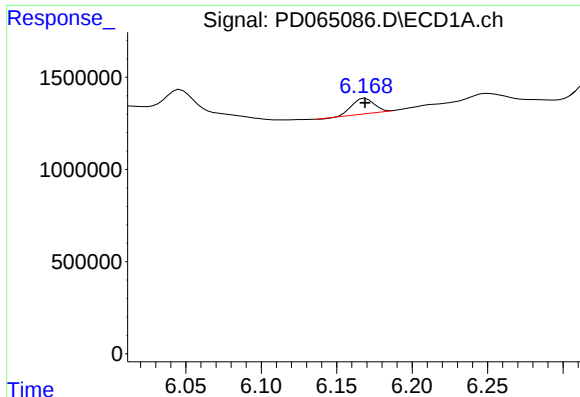
#15 Endosulfan II

R.T.: 6.318 min
Delta R.T.: 0.000 min
Response: 1359732
Conc: 1.36 ng/ml



#15 Endosulfan II

R.T.: 6.942 min
Delta R.T.: 0.001 min
Response: 6681753
Conc: 1.14 ng/ml



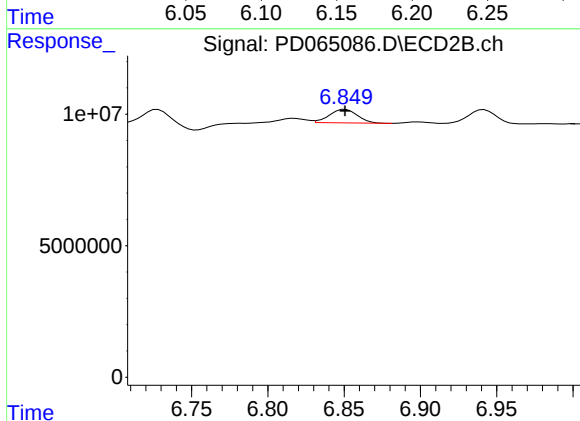
#16 4,4'-DDD

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 845595
Conc: 0.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
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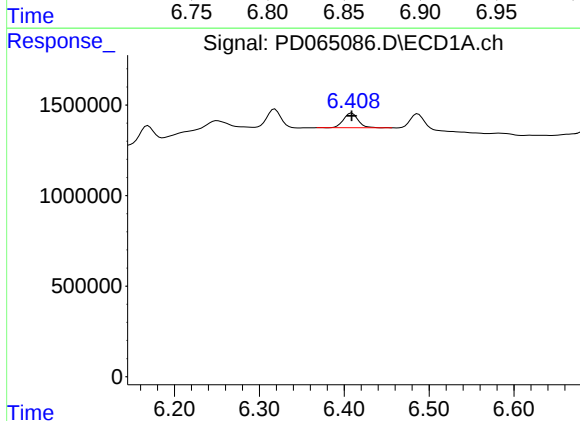
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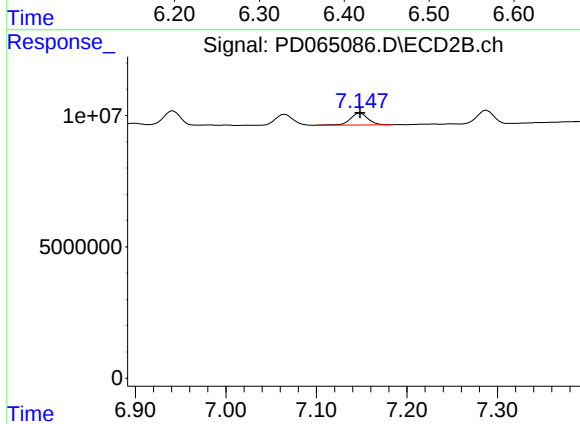
#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 6474092
Conc: 1.10 ng/ml



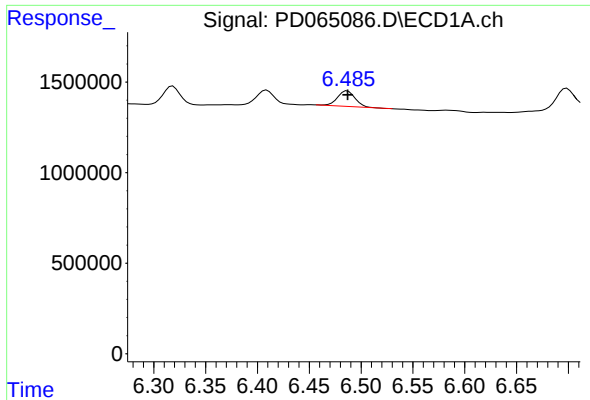
#17 4,4'-DDT

R.T.: 6.409 min
Delta R.T.: 0.000 min
Response: 969143
Conc: 0.97 ng/ml



#17 4,4'-DDT

R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 6158886
Conc: 1.03 ng/ml



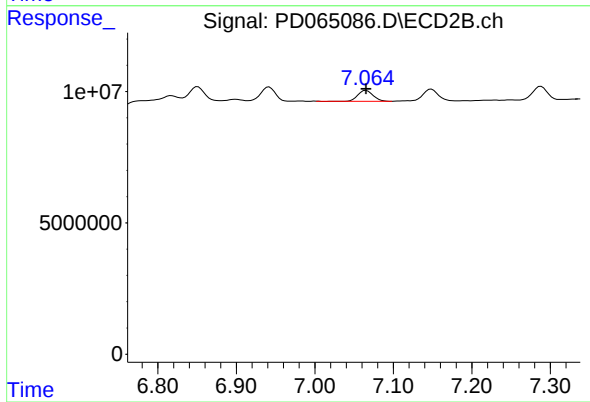
#18 Endrin aldehyde

R.T.: 6.487 min
Delta R.T.: 0.000 min
Response: 992605
Conc: 1.20 ng/ml

Instrument :
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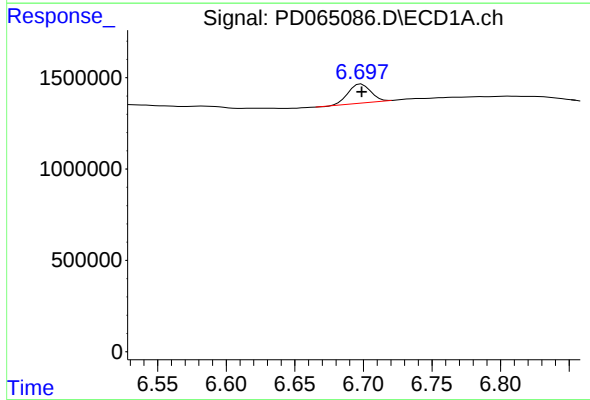
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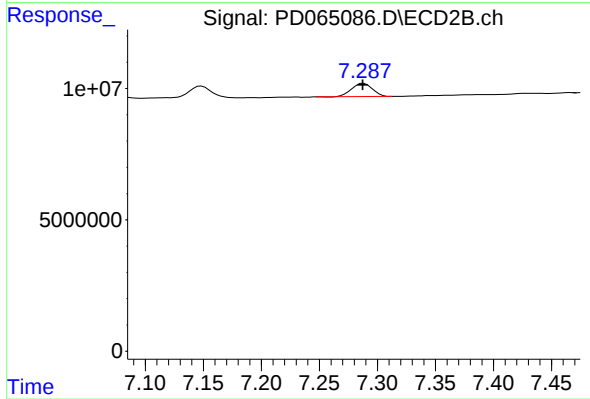
#18 Endrin aldehyde

R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 5512234
Conc: 1.18 ng/ml



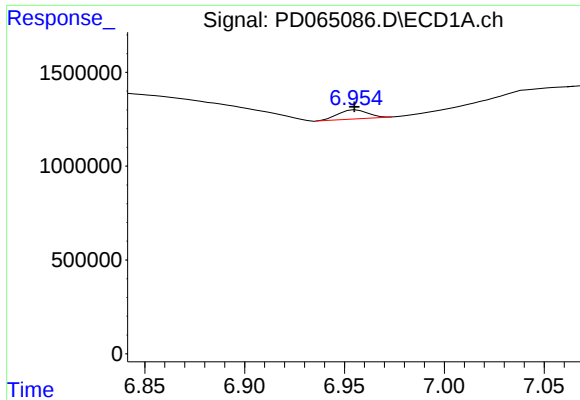
#19 Endosulfan Sulfate

R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 1186934
Conc: 1.12 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 6265990
Conc: 1.09 ng/ml



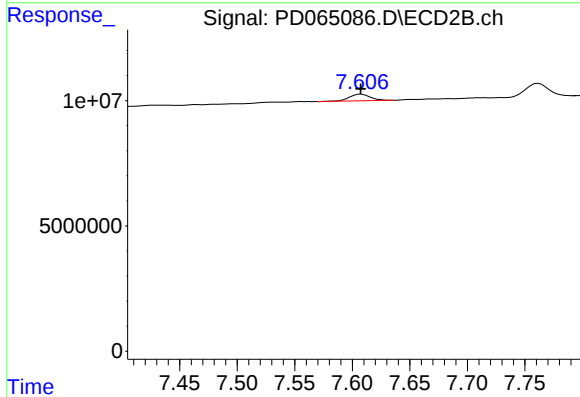
#20 Methoxychlor

R.T.: 6.956 min
Delta R.T.: 0.000 min
Response: 498935
Conc: 0.85 ng/ml

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

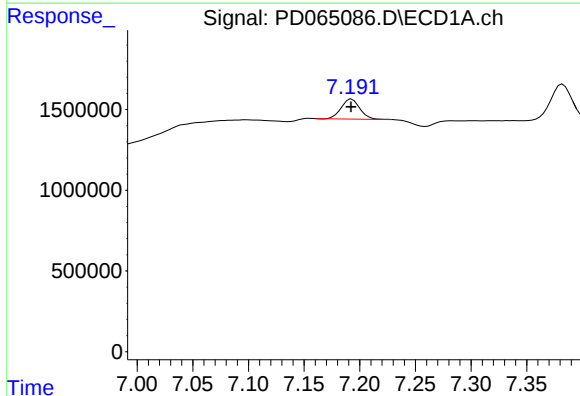
Manual Integrations
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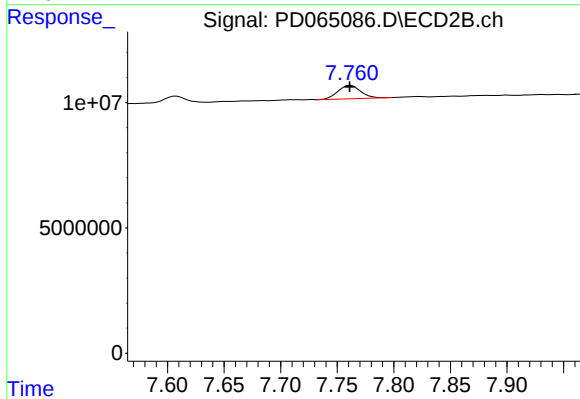
#20 Methoxychlor

R.T.: 7.608 min
Delta R.T.: 0.000 min
Response: 3359051
Conc: 1.11 ng/ml



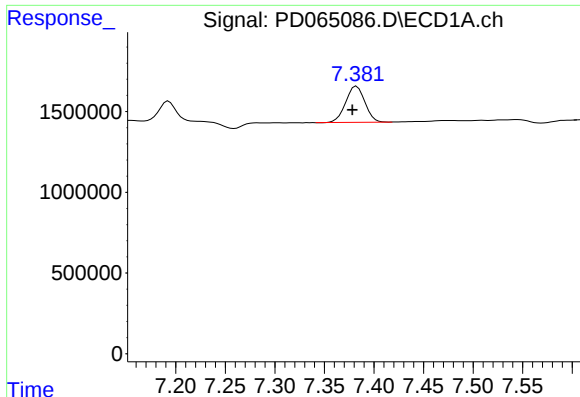
#21 Endrin ketone

R.T.: 7.193 min
Delta R.T.: 0.000 min
Response: 1423954
Conc: 1.12 ng/ml



#21 Endrin ketone

R.T.: 7.760 min
Delta R.T.: 0.000 min
Response: 7581198
Conc: 1.17 ng/ml m



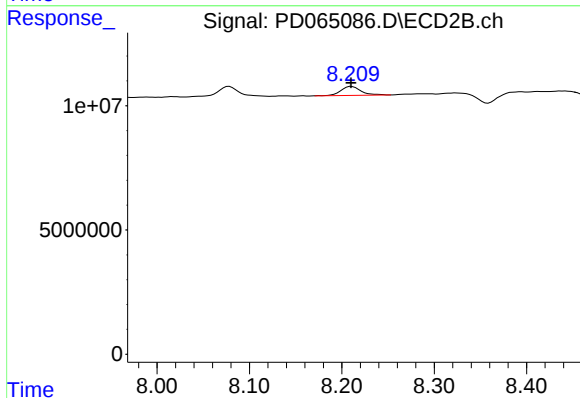
#22 Mirex

R.T.: 7.383 min
Delta R.T.: 0.004 min
Response: 3030151
Conc: 2.97 ng/ml

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

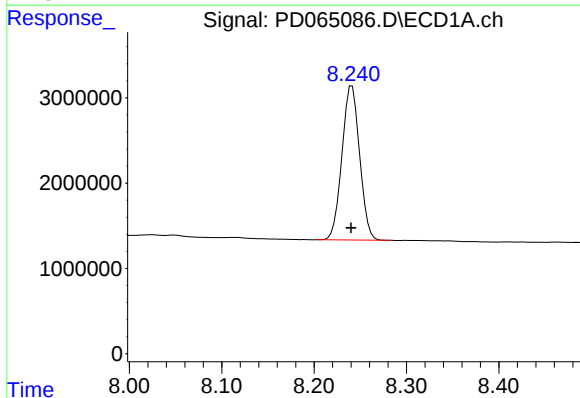
Manual Integrations
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mohammad
8/23/2021 2:15:37 PM



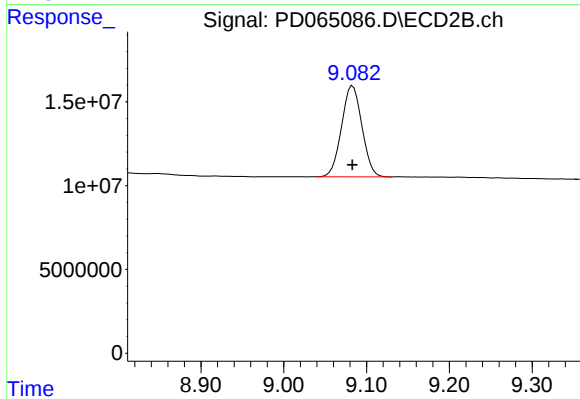
#22 Mirex

R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 5404121
Conc: 1.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.241 min
Delta R.T.: 0.000 min
Response: 24009643
Conc: 21.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: 0.000 min
Response: 92981533
Conc: 19.65 ng/ml