

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102020\
 Data File : PD059840.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2020 10:46
 Operator : DD\AJ
 Sample : L4214-07
 Misc : PEST LOD 1 PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 07:34:25 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101920.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 20 07:13:18 2020
 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...	3.507	4.024	30246846	51148967	20.370	20.839
28)	SA Decachlor...	8.306	9.108	34858394	41515974	22.546	22.925
Target Compounds							
2)	A alpha-BHC	3.949	4.415	2774265	4514945	1.148	1.178
3)	MA gamma-BHC...	4.235	4.700	3022958	3370166	1.327	0.961 #
4)	MA Heptachlor	4.543	5.212	2589008	4909902	1.091	1.440 #
5)	MB Aldrin	4.795	5.517	2542272	3424298	1.139	1.090m
6)	B beta-BHC	4.485	4.868	1356959	1519479	1.443	1.038 #
7)	B delta-BHC	4.693	5.086	2360514	2592274	1.068	0.908m
8)	B Heptachlo...	5.241	5.904	2385288	3316663	1.163	1.208
9)	A Endosulfan I	5.583	6.262	2292757	2891463	1.210	1.083
10)	B gamma-Chl...	5.469	6.139	2389536	3076064	1.158m	1.052
11)	B alpha-Chl...	5.529	6.212	2624662	3181937	1.282	1.095
12)	B 4,4'-DDE	5.694	6.367	2372548	2854760	1.171	1.041
13)	MA Dieldrin	5.829	6.520	2280096	3189759	1.110	1.111
14)	MA Endrin	6.087	6.738	2248564	2733552	1.223	1.105
15)	B Endosulfa...	6.362	6.945	2427856	3133380	1.284	1.208m
16)	A 4,4'-DDD	6.213	6.855	2047742	2770800	1.226	1.197m
17)	MA 4,4'-DDT	6.457	7.156	1895391	2538808	1.056	1.072
18)	B Endrin al...	6.531	7.070	1813081	2797377	1.248	1.353
19)	B Endosulfa...	6.746	7.293	2179231	2658824	1.348	1.156
20)	A Methoxychlor	7.007	7.613	774579	1452083	0.818	1.141 #
21)	B Endrin ke...	7.240	7.764	2330617	2996726	1.243	1.206m
22)	Mirex	7.436	8.222	2658694	2040334	1.856	1.248 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102020\
 Data File : PD059840.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2020 10:46
 Operator : DD\AJ
 Sample : L4214-07
 Misc : PEST LOD 1 PPB
 ALS Vial : 12 Sample Multiplier: 1

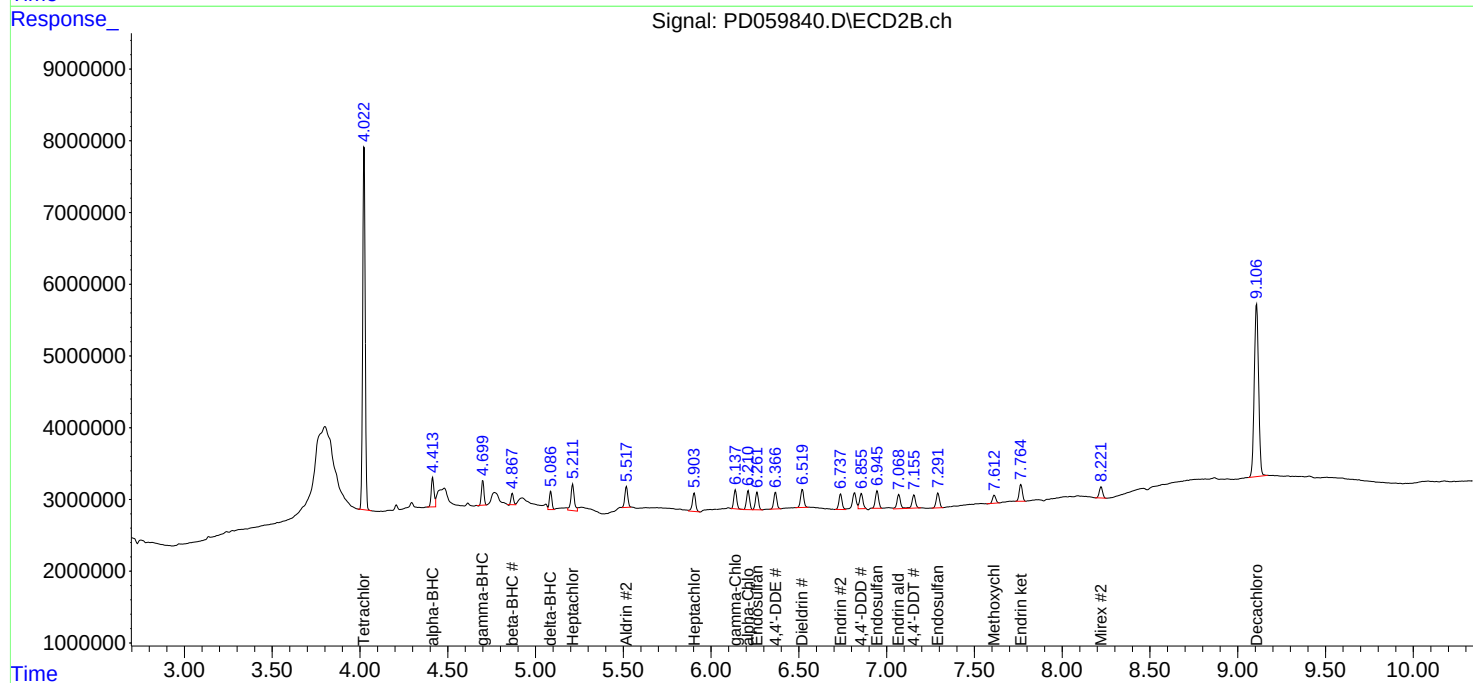
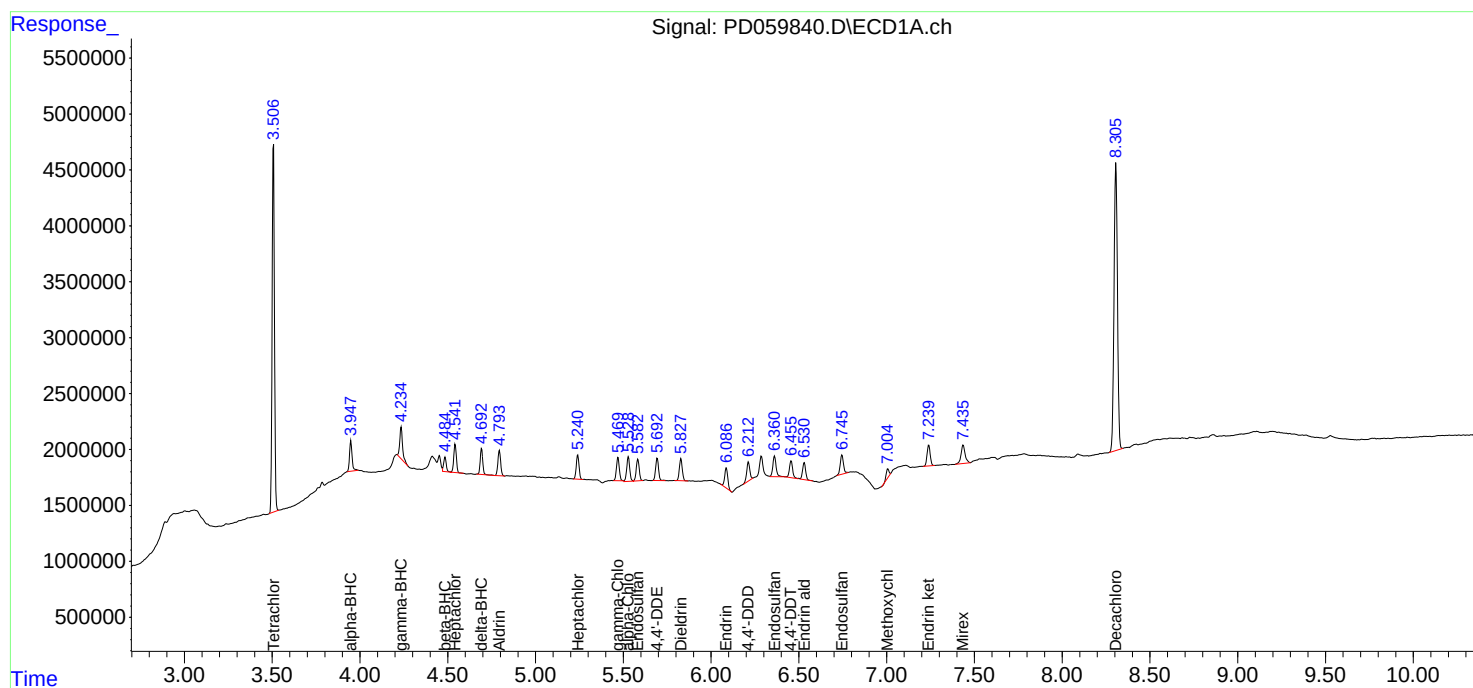
Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

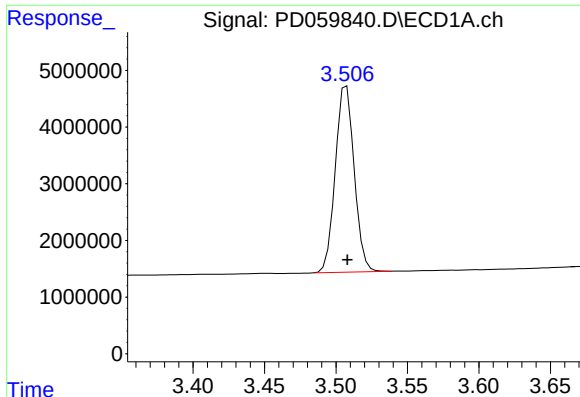
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 07:34:25 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101920.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 20 07:13:18 2020
 Response 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





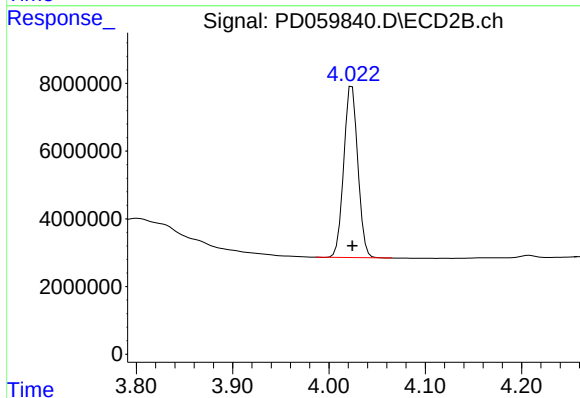
#1 Tetrachloro-m-xylene

R.T.: 3.507 min
Delta R.T.: 0.000 min
Response: 30246846
Conc: 20.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

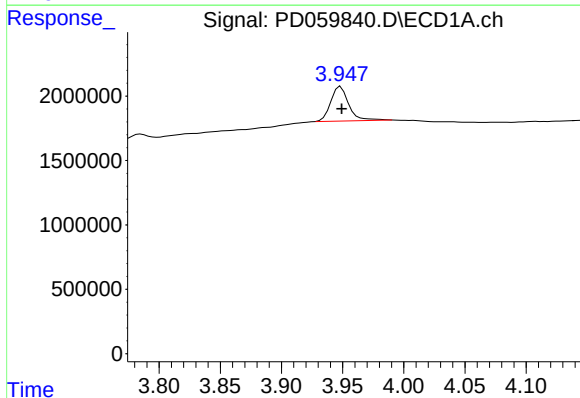
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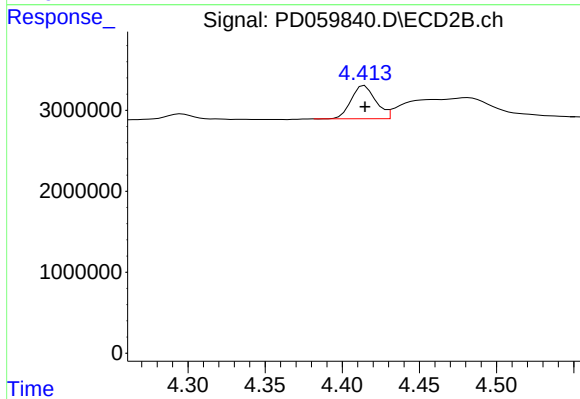
#1 Tetrachloro-m-xylene

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 51148967
Conc: 20.84 ng/ml



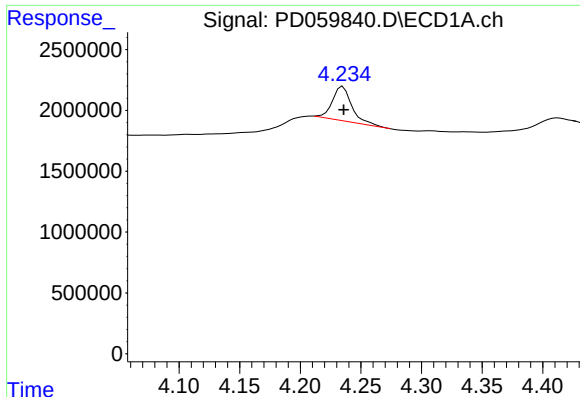
#2 alpha-BHC

R.T.: 3.949 min
Delta R.T.: 0.000 min
Response: 2774265
Conc: 1.15 ng/ml



#2 alpha-BHC

R.T.: 4.415 min
Delta R.T.: 0.000 min
Response: 4514945
Conc: 1.18 ng/ml



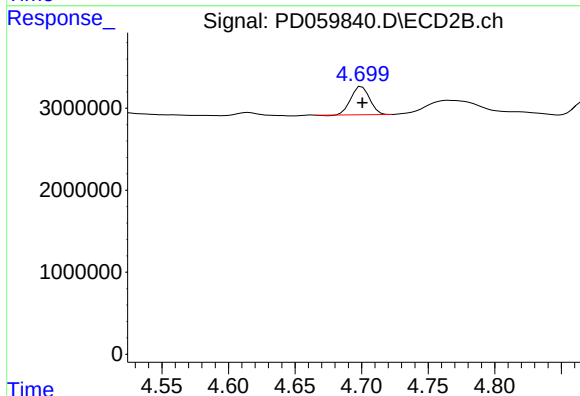
#3 gamma-BHC (Lindane)

R.T.: 4.235 min
Delta R.T.: 0.000 min
Response: 3022958
Conc: 1.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

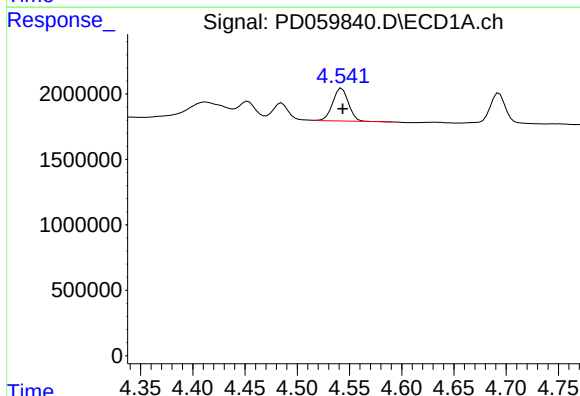
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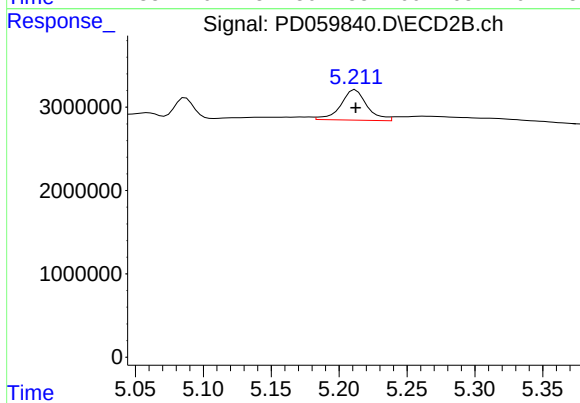
#3 gamma-BHC (Lindane)

R.T.: 4.700 min
Delta R.T.: 0.000 min
Response: 3370166
Conc: 0.96 ng/ml



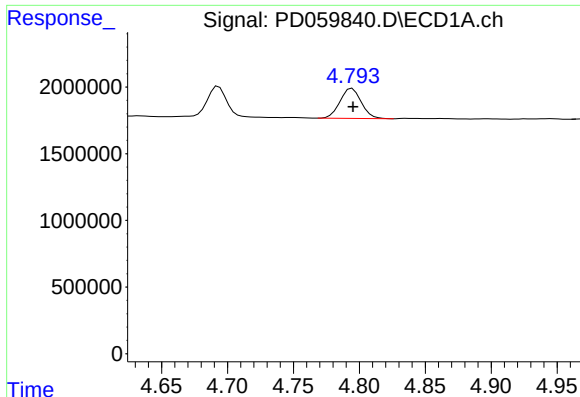
#4 Heptachlor

R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 2589008
Conc: 1.09 ng/ml



#4 Heptachlor

R.T.: 5.212 min
Delta R.T.: 0.000 min
Response: 4909902
Conc: 1.44 ng/ml



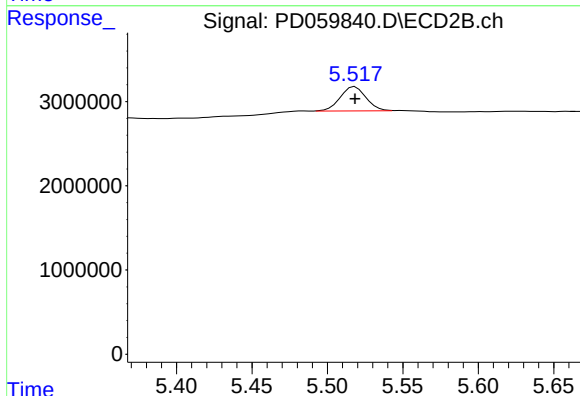
#5 Aldrin

R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 2542272
Conc: 1.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

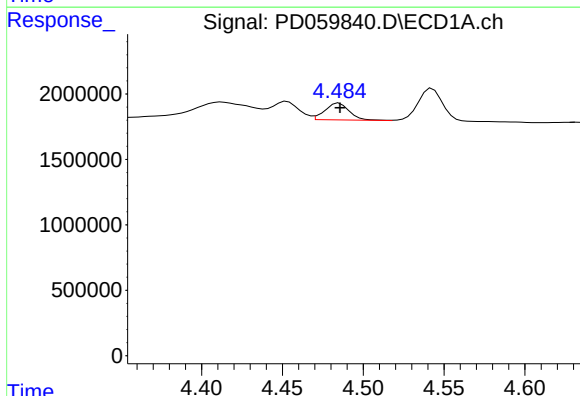
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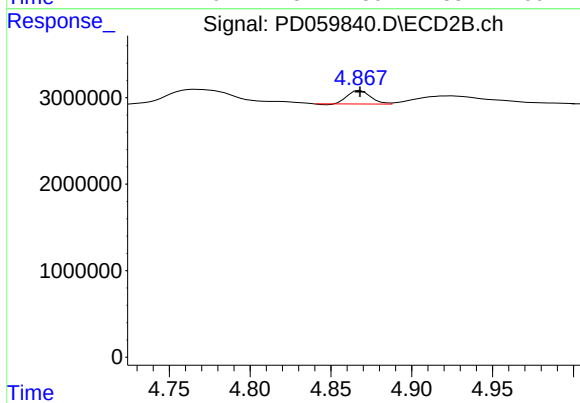
#5 Aldrin

R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 3424298
Conc: 1.09 ng/ml m



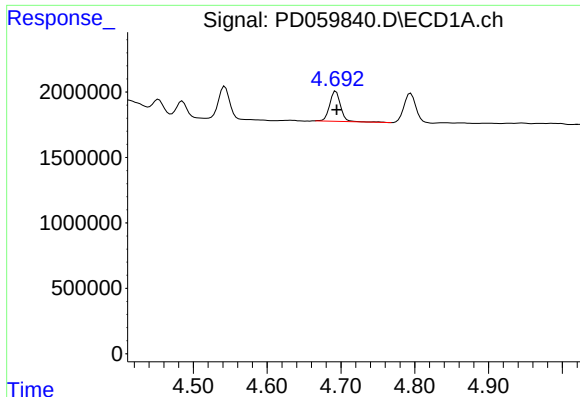
#6 beta-BHC

R.T.: 4.485 min
Delta R.T.: 0.000 min
Response: 1356959
Conc: 1.44 ng/ml



#6 beta-BHC

R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 1519479
Conc: 1.04 ng/ml



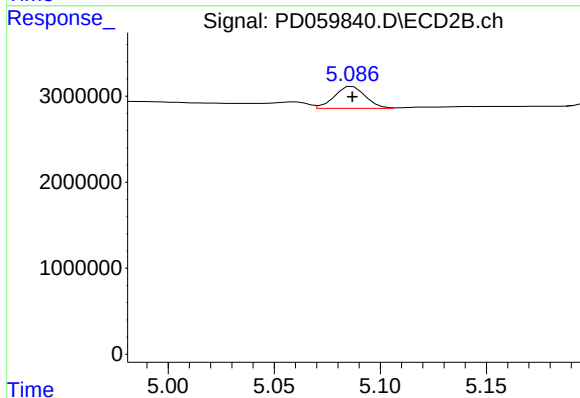
#7 delta-BHC

R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 2360514
Conc: 1.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

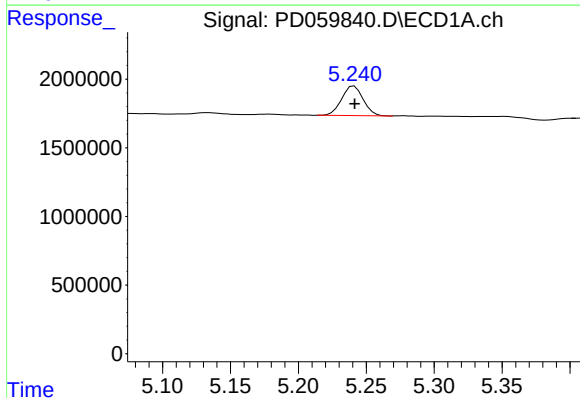
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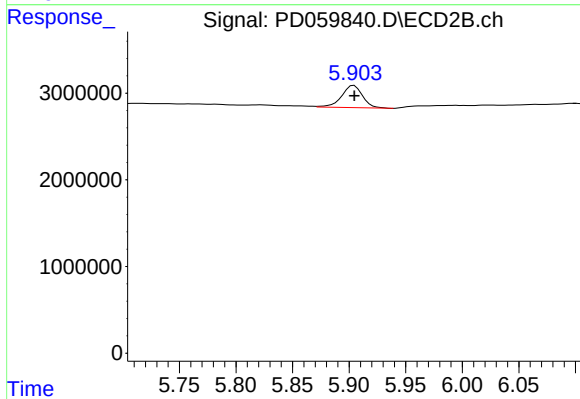
#7 delta-BHC

R.T.: 5.086 min
Delta R.T.: -0.001 min
Response: 2592274
Conc: 0.91 ng/ml m



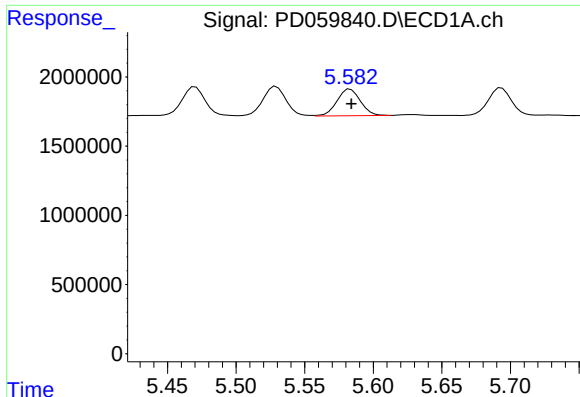
#8 Heptachlor epoxide

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 2385288
Conc: 1.16 ng/ml



#8 Heptachlor epoxide

R.T.: 5.904 min
Delta R.T.: 0.000 min
Response: 3316663
Conc: 1.21 ng/ml



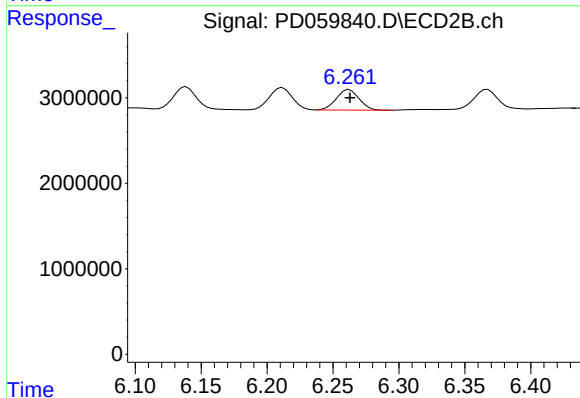
#9 Endosulfan I

R.T.: 5.583 min
Delta R.T.: 0.000 min
Response: 2292757
Conc: 1.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

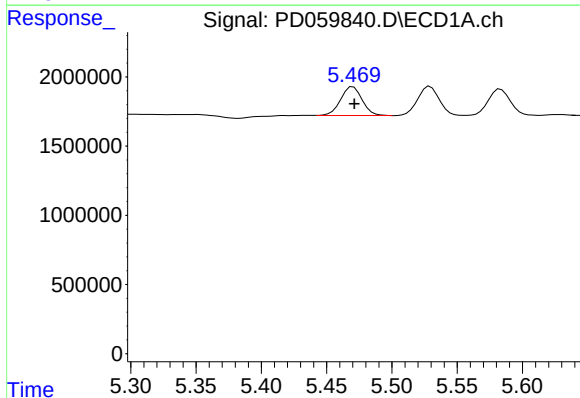
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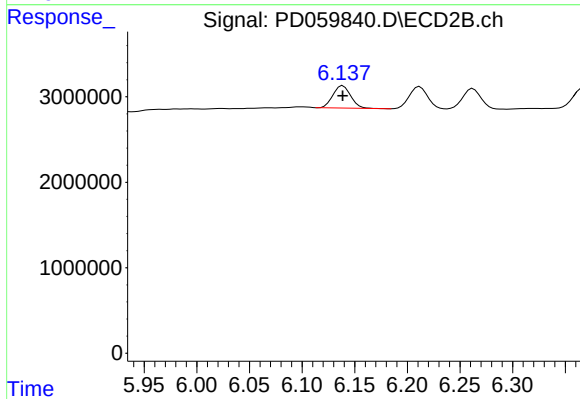
#9 Endosulfan I

R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 2891463
Conc: 1.08 ng/ml



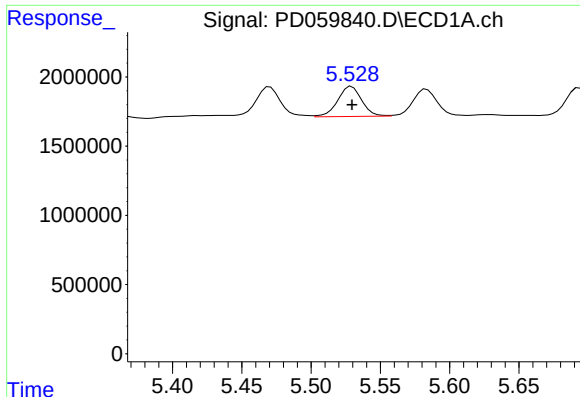
#10 gamma-Chlordane

R.T.: 5.469 min
Delta R.T.: -0.002 min
Response: 2389536
Conc: 1.16 ng/ml m



#10 gamma-Chlordane

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 3076064
Conc: 1.05 ng/ml



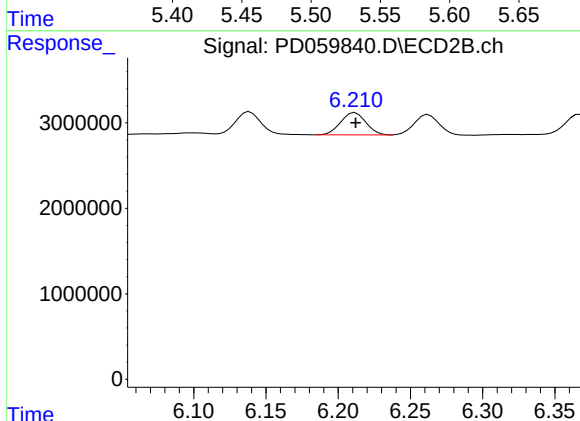
#11 alpha-Chlordane

R.T.: 5.529 min
Delta R.T.: 0.000 min
Response: 2624662
Conc: 1.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

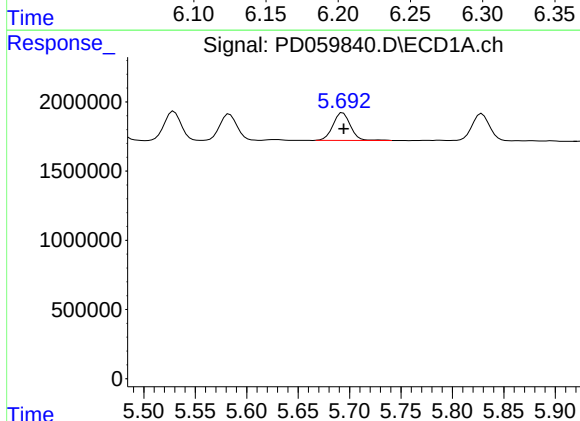
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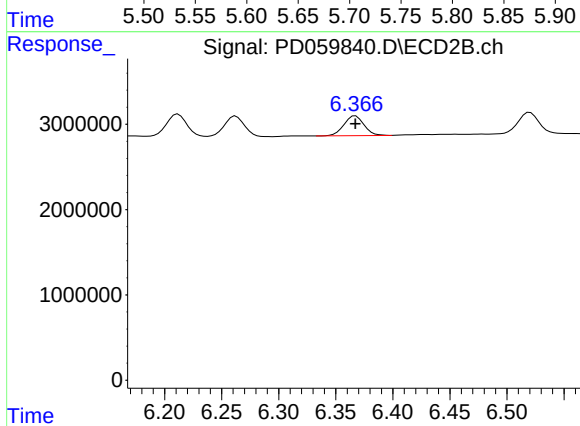
#11 alpha-Chlordane

R.T.: 6.212 min
Delta R.T.: 0.000 min
Response: 3181937
Conc: 1.09 ng/ml



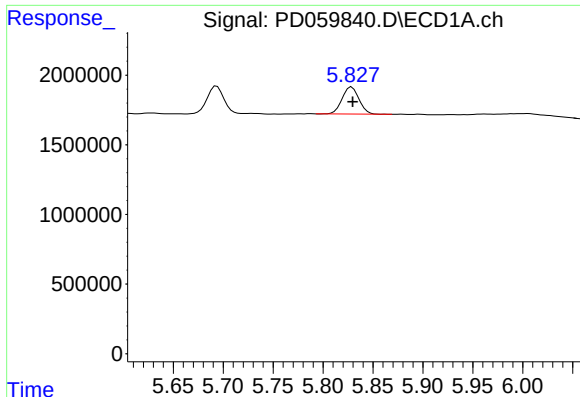
#12 4,4'-DDE

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 2372548
Conc: 1.17 ng/ml



#12 4,4'-DDE

R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 2854760
Conc: 1.04 ng/ml



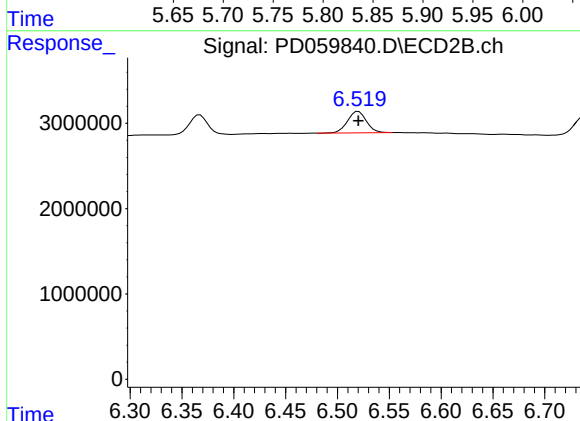
#13 Dieldrin

R.T.: 5.829 min
Delta R.T.: -0.001 min
Response: 2280096
Conc: 1.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

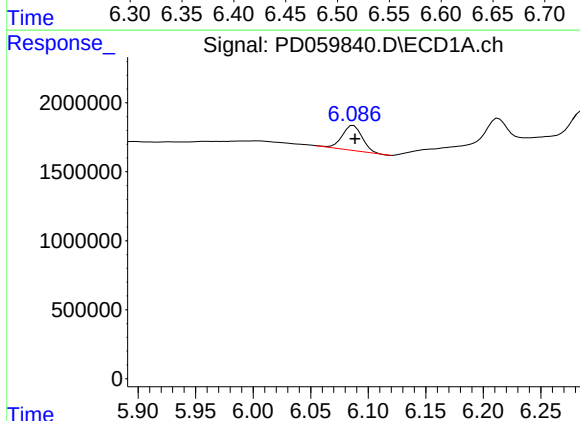
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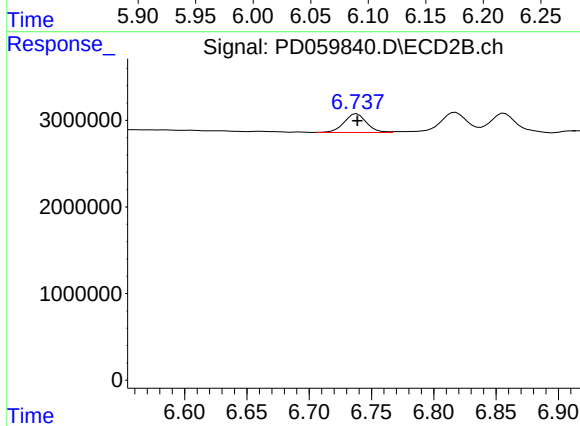
#13 Dieldrin

R.T.: 6.520 min
Delta R.T.: 0.000 min
Response: 3189759
Conc: 1.11 ng/ml



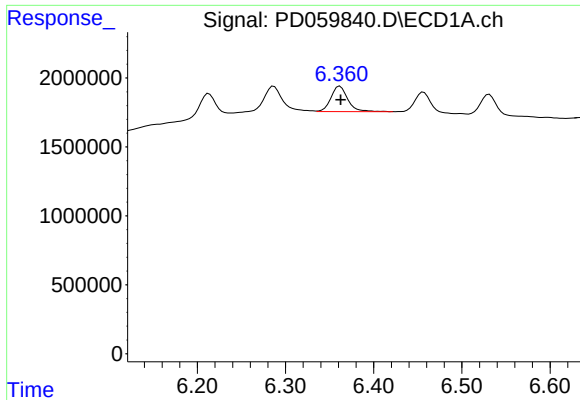
#14 Endrin

R.T.: 6.087 min
Delta R.T.: -0.002 min
Response: 2248564
Conc: 1.22 ng/ml



#14 Endrin

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 2733552
Conc: 1.10 ng/ml



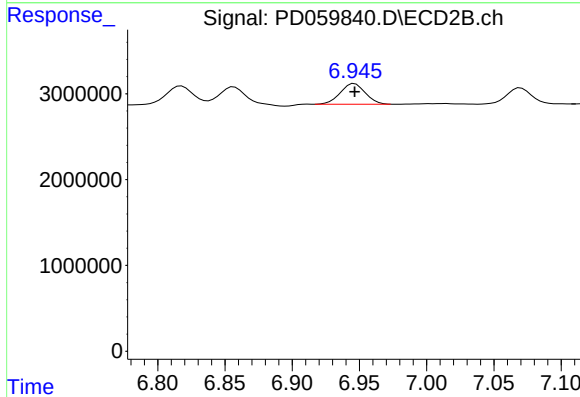
#15 Endosulfan II

R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 2427856
Conc: 1.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

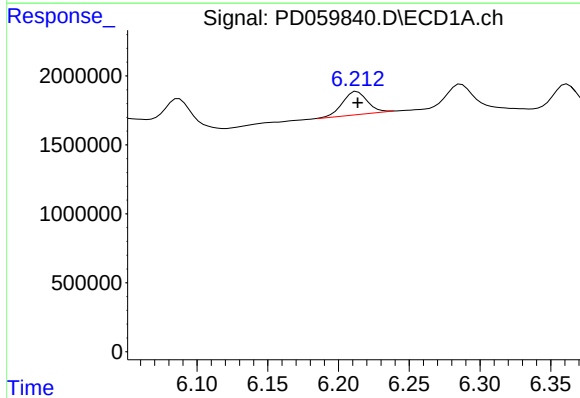
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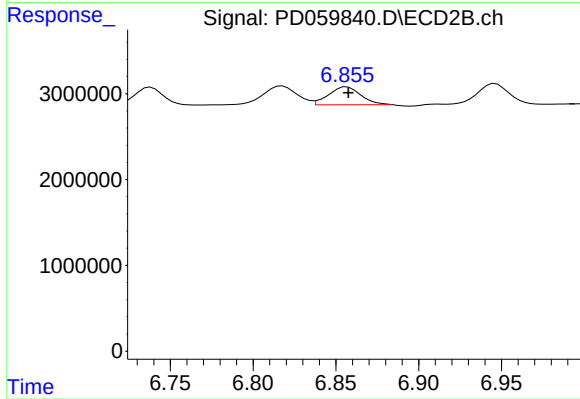
#15 Endosulfan II

R.T.: 6.945 min
Delta R.T.: -0.002 min
Response: 3133380
Conc: 1.21 ng/ml m



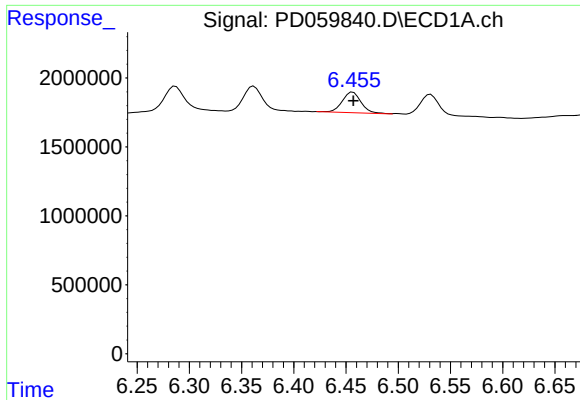
#16 4,4'-DDD

R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 2047742
Conc: 1.23 ng/ml



#16 4,4'-DDD

R.T.: 6.855 min
Delta R.T.: -0.002 min
Response: 2770800
Conc: 1.20 ng/ml m



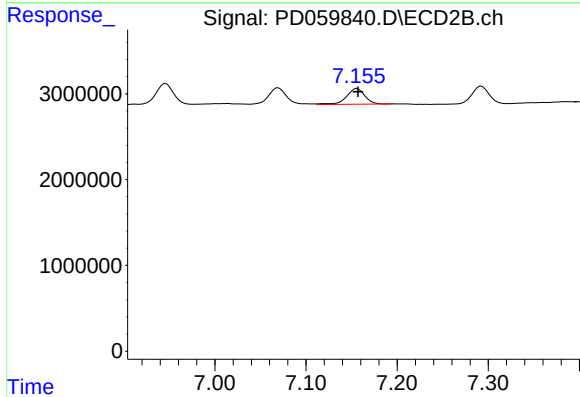
#17 4,4'-DDT

R.T.: 6.457 min
Delta R.T.: 0.000 min
Response: 1895391
Conc: 1.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

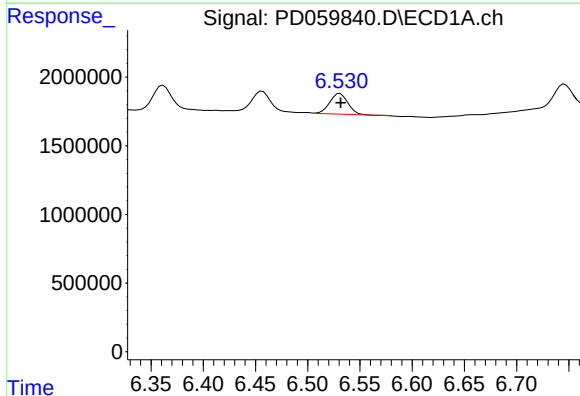
Manual Integrations
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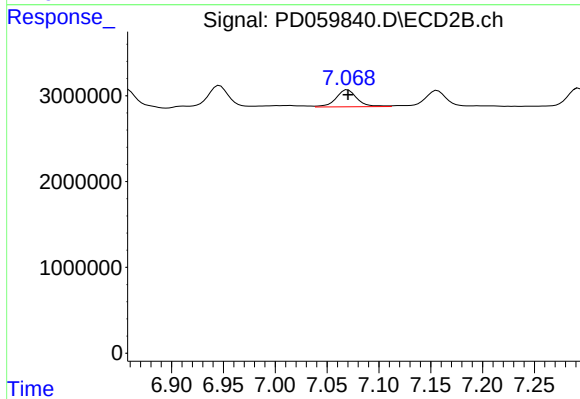
#17 4,4'-DDT

R.T.: 7.156 min
Delta R.T.: 0.000 min
Response: 2538808
Conc: 1.07 ng/ml



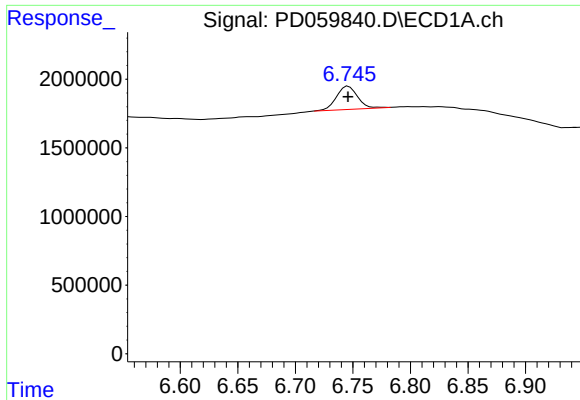
#18 Endrin aldehyde

R.T.: 6.531 min
Delta R.T.: 0.000 min
Response: 1813081
Conc: 1.25 ng/ml



#18 Endrin aldehyde

R.T.: 7.070 min
Delta R.T.: 0.000 min
Response: 2797377
Conc: 1.35 ng/ml



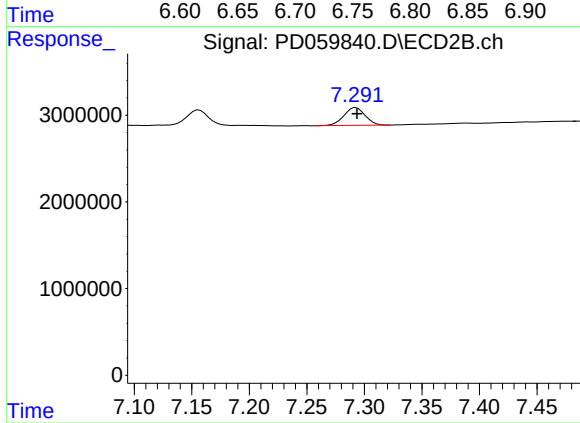
#19 Endosulfan Sulfate

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 2179231
Conc: 1.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

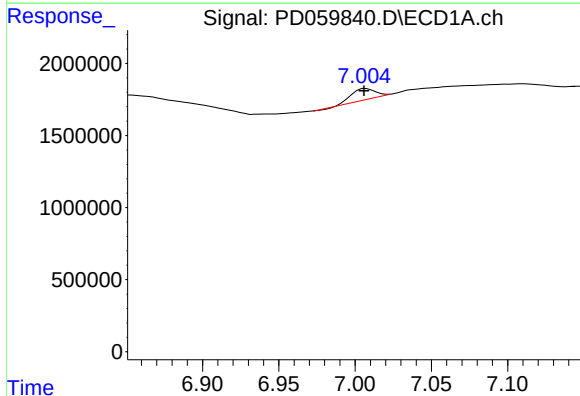
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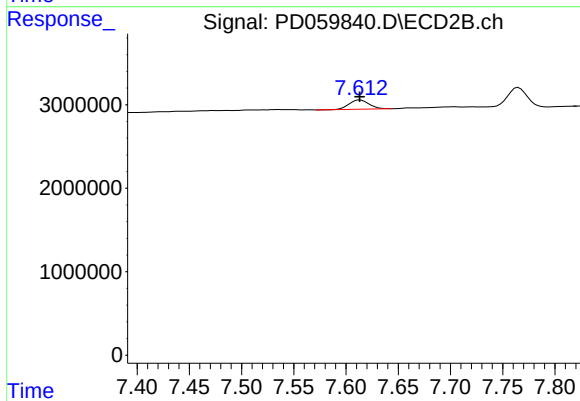
#19 Endosulfan Sulfate

R.T.: 7.293 min
Delta R.T.: 0.000 min
Response: 2658824
Conc: 1.16 ng/ml



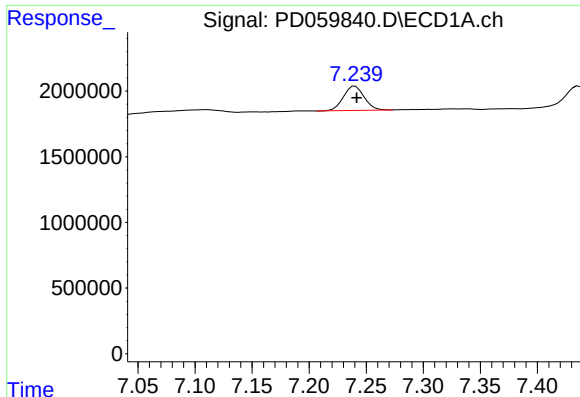
#20 Methoxychlor

R.T.: 7.007 min
Delta R.T.: 0.001 min
Response: 774579
Conc: 0.82 ng/ml



#20 Methoxychlor

R.T.: 7.613 min
Delta R.T.: 0.000 min
Response: 1452083
Conc: 1.14 ng/ml



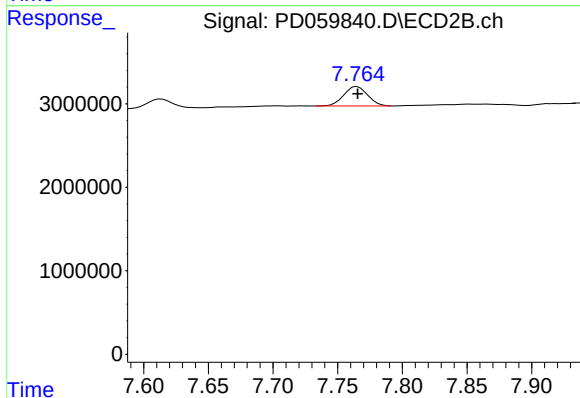
#21 Endrin ketone

R.T.: 7.240 min
Delta R.T.: -0.001 min
Response: 2330617
Conc: 1.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

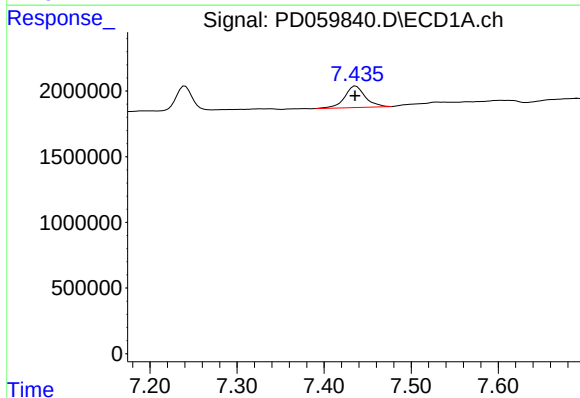
Manual Integrations
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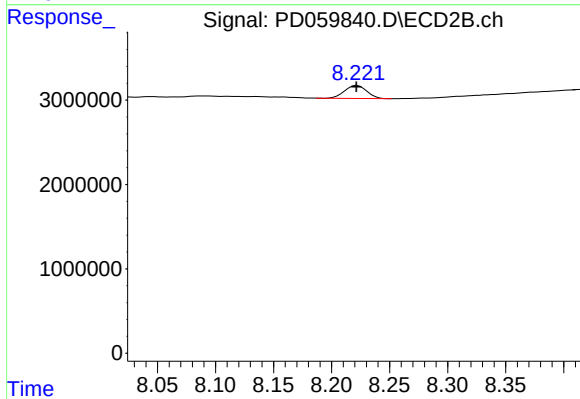
#21 Endrin ketone

R.T.: 7.764 min
Delta R.T.: -0.002 min
Response: 2996726
Conc: 1.21 ng/ml m



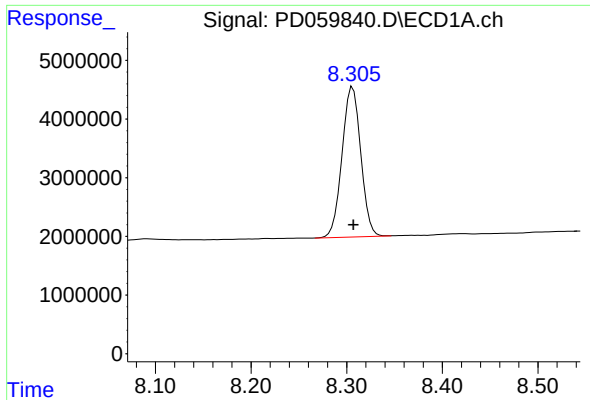
#22 Mirex

R.T.: 7.436 min
Delta R.T.: 0.000 min
Response: 2658694
Conc: 1.86 ng/ml



#22 Mirex

R.T.: 8.222 min
Delta R.T.: 0.000 min
Response: 2040334
Conc: 1.25 ng/ml



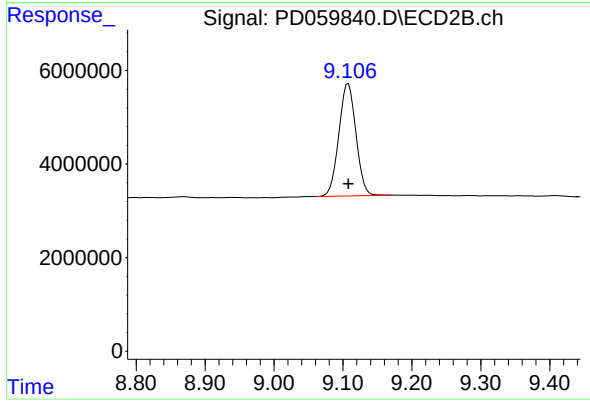
#28 Decachlorobiphenyl

R.T.: 8.306 min
Delta R.T.: 0.000 min
Response: 34858394
Conc: 22.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

Ankita
10/21/2020 2:03:18 PM



#28 Decachlorobiphenyl

R.T.: 9.108 min
Delta R.T.: 0.000 min
Response: 41515974
Conc: 22.93 ng/ml