

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102020\
 Data File : PD059842.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2020 11:14
 Operator : DD\AJ
 Sample : L4214-08
 Misc : PEST LOQ 5 PPB
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 07:34:43 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	30925197	51667320	20.827	21.050
28)	SA Decachlor...	8.306	9.108	35878477	43698607	23.206	24.131
Target Compounds							
2)	A alpha-BHC	3.948	4.415	12125500	19449454	5.016	5.077
3)	MA gamma-BHC...	4.235	4.700	11925405	17696464	5.235	5.044
4)	MA Heptachlor	4.543	5.212	12367031	20711383	5.212	6.074
5)	MB Aldrin	4.794	5.518	11640161	18586385	5.217	5.916
6)	B beta-BHC	4.485	4.868	5512582	8258018	5.864	5.639
7)	B delta-BHC	4.693	5.086	11153389	14997273	5.048	5.252
8)	B Heptachlo...	5.241	5.905	11815563	16177462	5.760	5.894
9)	A Endosulfan I	5.583	6.263	10551256	14708279	5.571	5.510
10)	B gamma-Chl...	5.469	6.139	11359454	15784284	5.507m	5.400
11)	B alpha-Chl...	5.529	6.212	11592486	16014791	5.664	5.510
12)	B 4,4'-DDE	5.694	6.367	10863751	14470703	5.361	5.276
13)	MA Dieldrin	5.829	6.520	10984087	15690042	5.346	5.465
14)	MA Endrin	6.088	6.738	10043195	13522138	5.464	5.465
15)	B Endosulfa...	6.362	6.946	10221476	14932935	5.407	5.755
16)	A 4,4'-DDD	6.213	6.857	9135131	13520940	5.469	5.842
17)	MA 4,4'-DDT	6.457	7.156	9240868	12465760	5.149	5.263
18)	B Endrin al...	6.531	7.070	8531015	12554252	5.872	6.073
19)	B Endosulfa...	6.745	7.293	9436911	13192653	5.837	5.736
20)	A Methoxychlor	7.006	7.613	5184747	7284379	5.473	5.723
21)	B Endrin ke...	7.241	7.765	11059946	14829101	5.899	5.968
22)	Mirex	7.435	8.222	9722624	10585592	6.787	6.477

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102020\
Data File : PD059842.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Oct 2020 11:14
Operator : DD\AJ
Sample : L4214-08
Misc : PEST LOQ 5 PPB
ALS Vial : 14 Sample Multiplier: 1

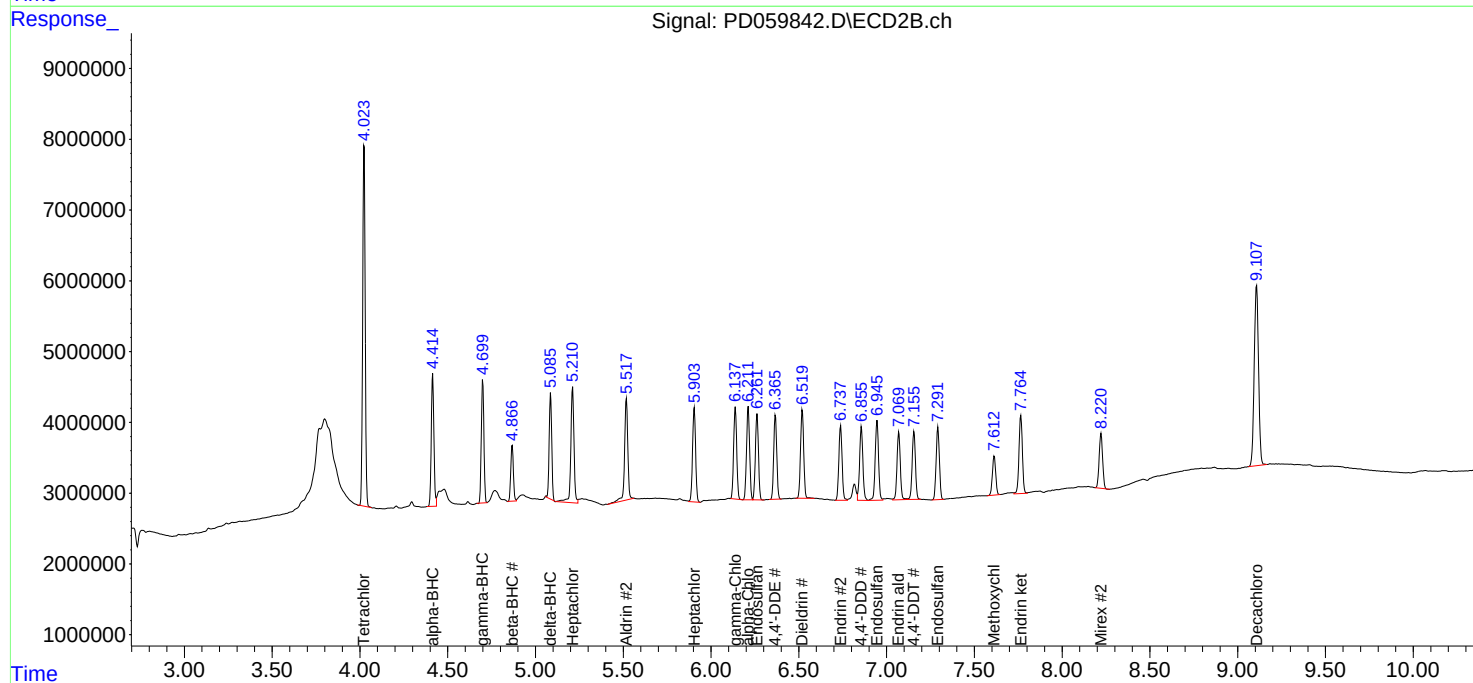
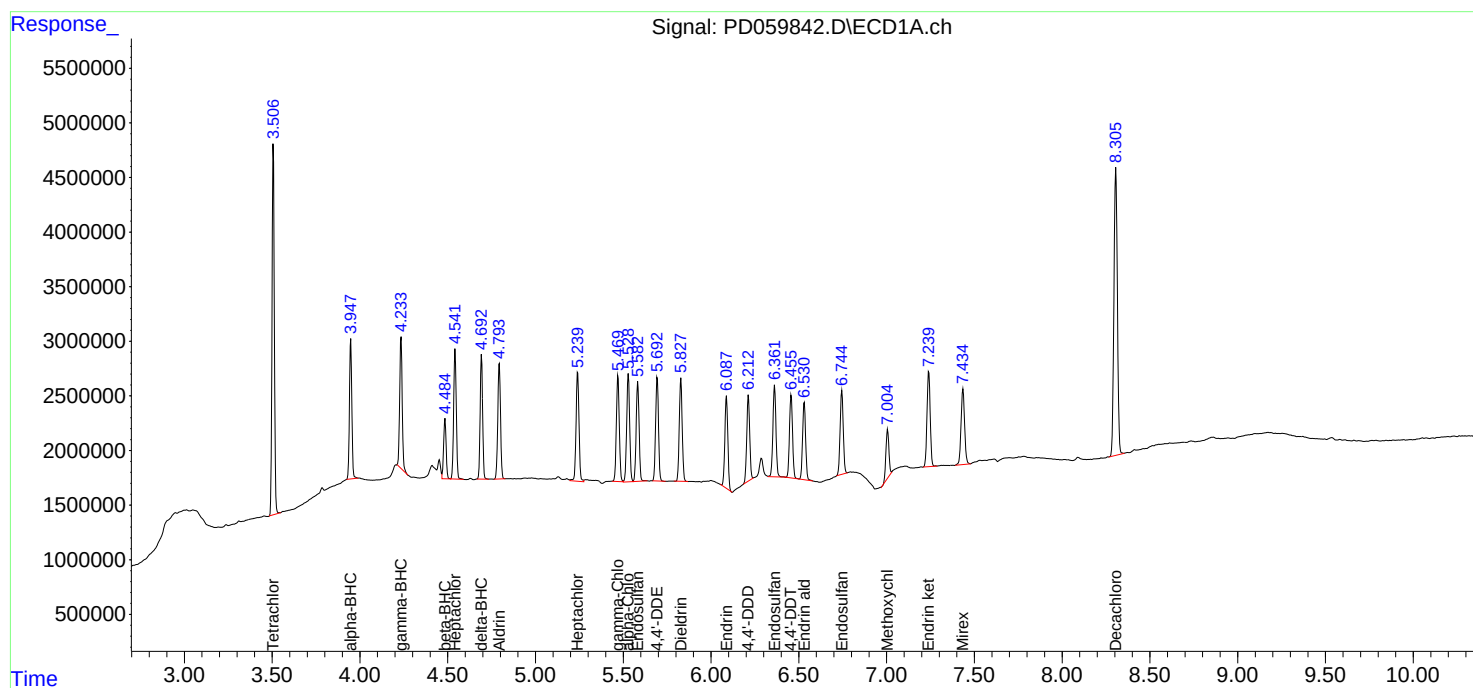
Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2020

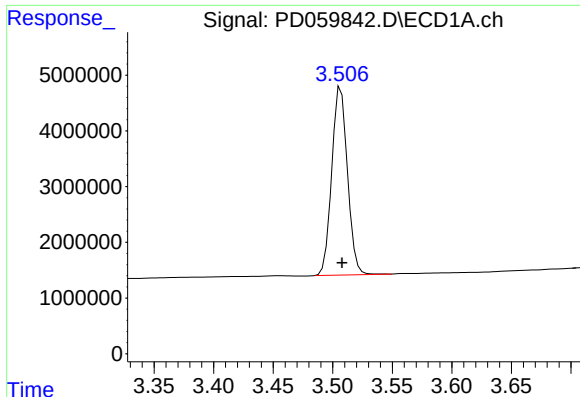
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 07:34:43 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101920.M
Quant Title : GC Extractables
QLast Update : Tue Oct 20 07:13:18 2020
Response 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





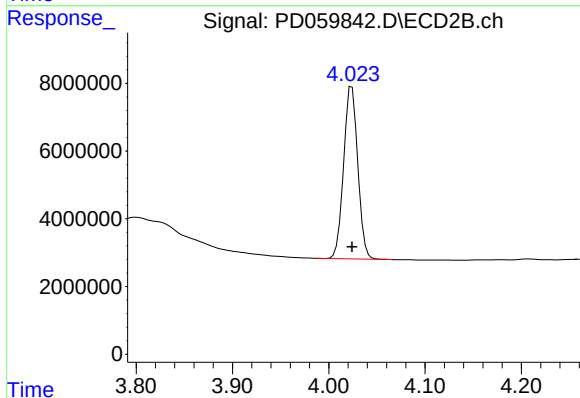
#1 Tetrachloro-m-xylene

R.T.: 3.507 min
Delta R.T.: -0.001 min
Response: 30925197
Conc: 20.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2020

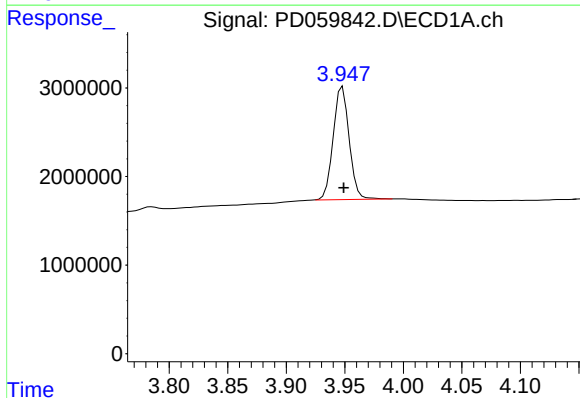
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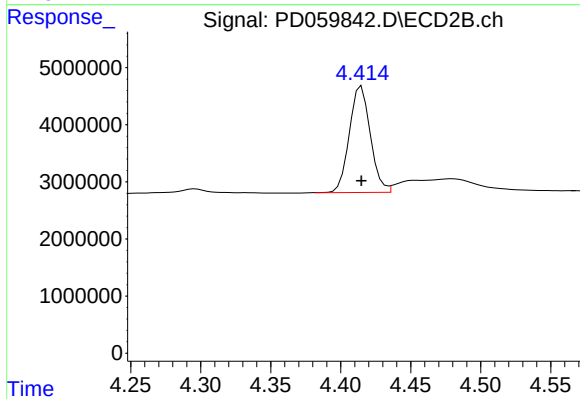
#1 Tetrachloro-m-xylene

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 51667320
Conc: 21.05 ng/ml



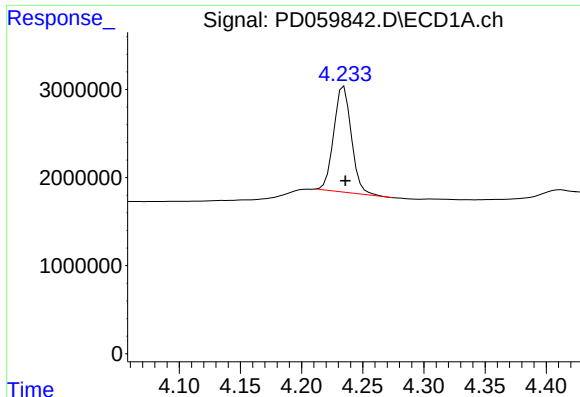
#2 alpha-BHC

R.T.: 3.948 min
Delta R.T.: -0.001 min
Response: 12125500
Conc: 5.02 ng/ml



#2 alpha-BHC

R.T.: 4.415 min
Delta R.T.: 0.000 min
Response: 19449454
Conc: 5.08 ng/ml



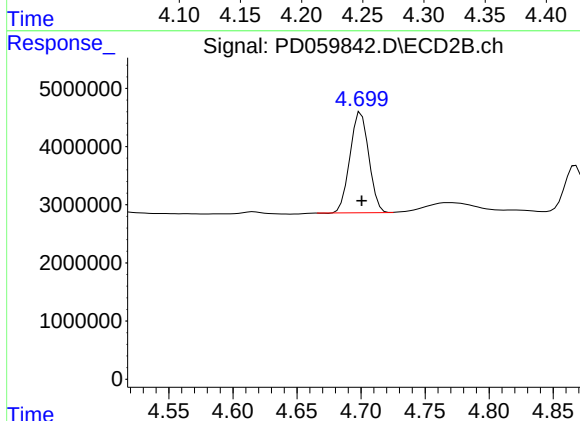
#3 gamma-BHC (Lindane)

R.T.: 4.235 min
Delta R.T.: -0.001 min
Response: 11925405
Conc: 5.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2020

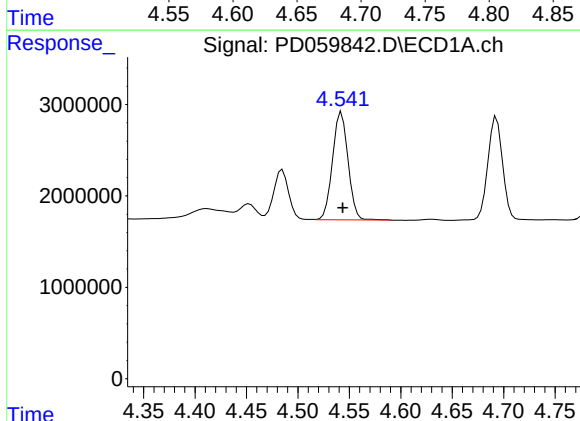
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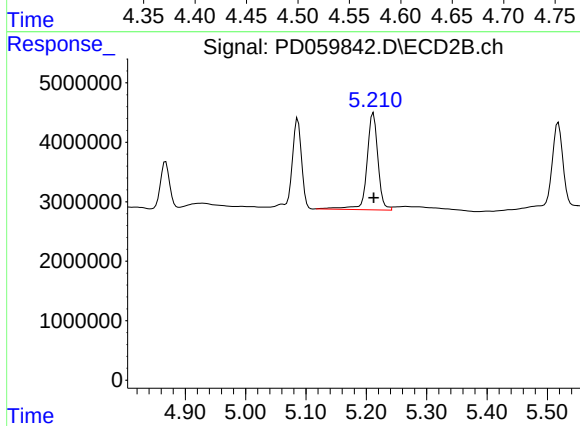
#3 gamma-BHC (Lindane)

R.T.: 4.700 min
Delta R.T.: 0.000 min
Response: 17696464
Conc: 5.04 ng/ml



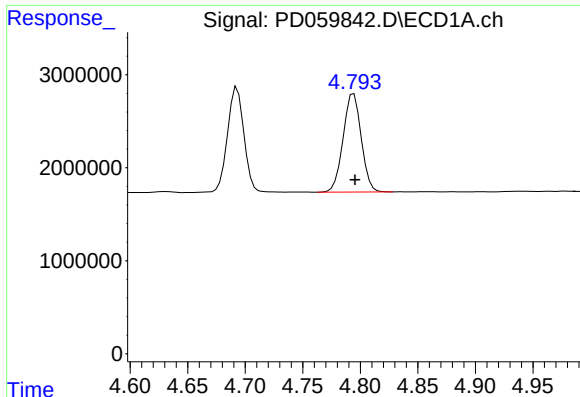
#4 Heptachlor

R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 12367031
Conc: 5.21 ng/ml



#4 Heptachlor

R.T.: 5.212 min
Delta R.T.: 0.000 min
Response: 20711383
Conc: 6.07 ng/ml



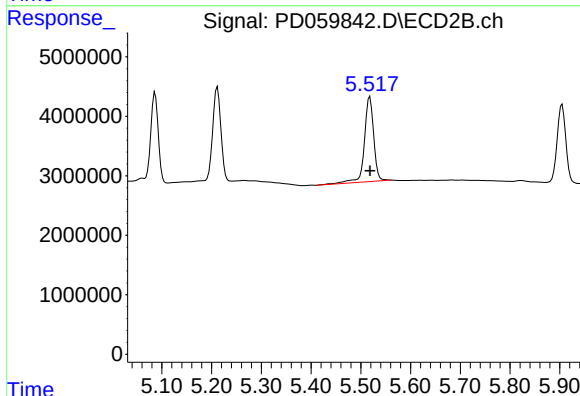
#5 Aldrin

R.T.: 4.794 min
Delta R.T.: -0.001 min
Response: 11640161
Conc: 5.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2020

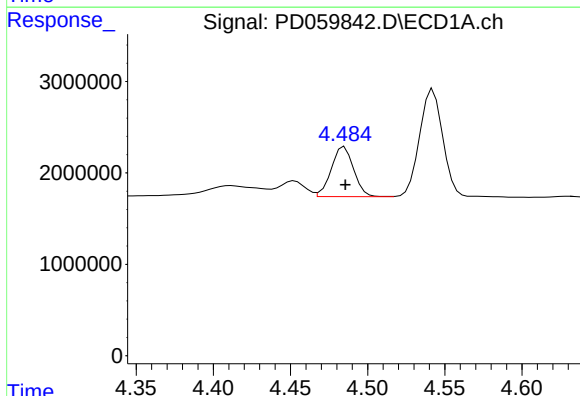
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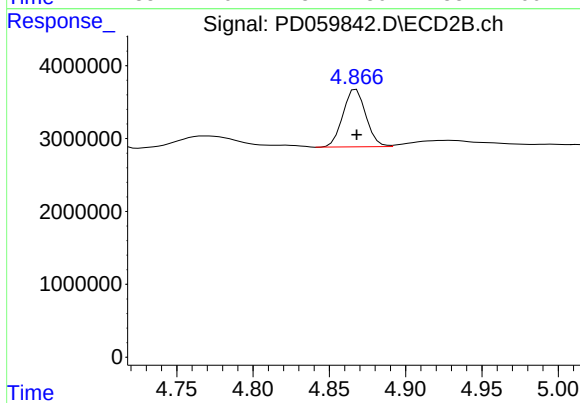
#5 Aldrin

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 18586385
Conc: 5.92 ng/ml



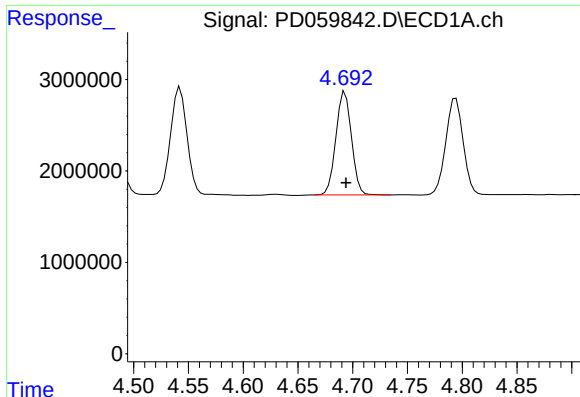
#6 beta-BHC

R.T.: 4.485 min
Delta R.T.: 0.000 min
Response: 5512582
Conc: 5.86 ng/ml



#6 beta-BHC

R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 8258018
Conc: 5.64 ng/ml



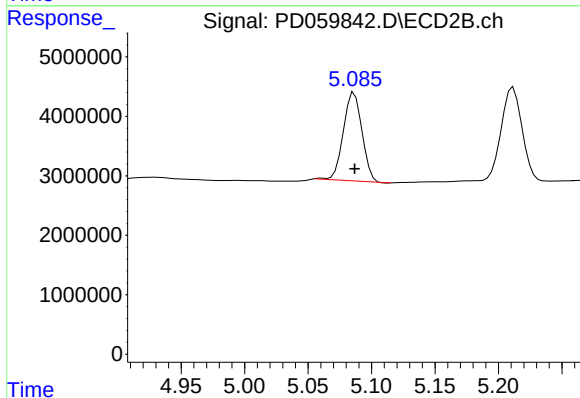
#7 delta-BHC

R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 11153389
Conc: 5.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2020

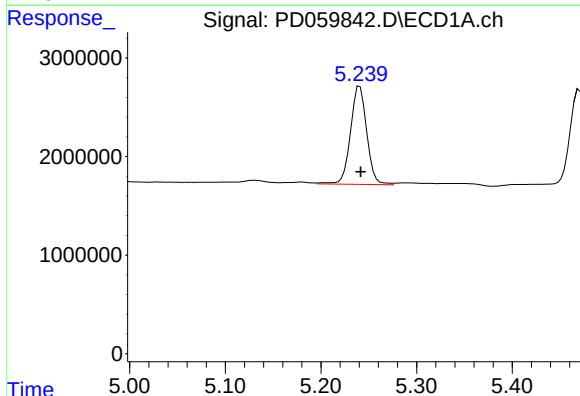
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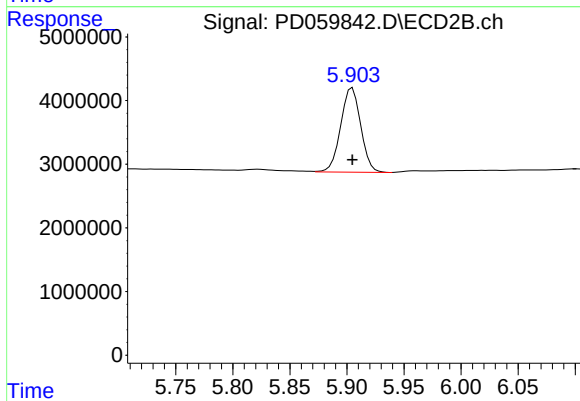
#7 delta-BHC

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 14997273
Conc: 5.25 ng/ml



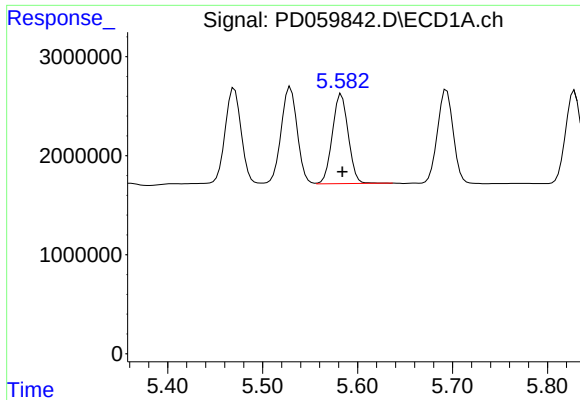
#8 Heptachlor epoxide

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 11815563
Conc: 5.76 ng/ml



#8 Heptachlor epoxide

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 16177462
Conc: 5.89 ng/ml



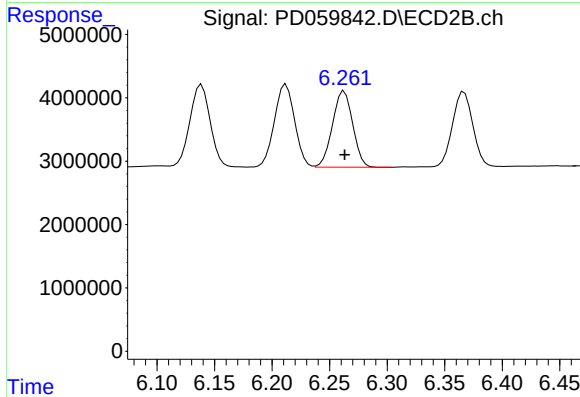
#9 Endosulfan I

R.T.: 5.583 min
Delta R.T.: -0.001 min
Response: 10551256
Conc: 5.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2020

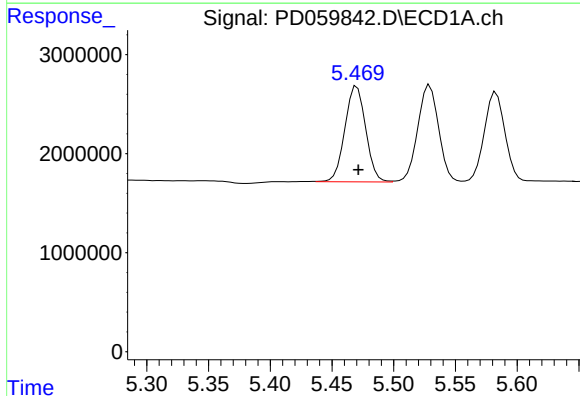
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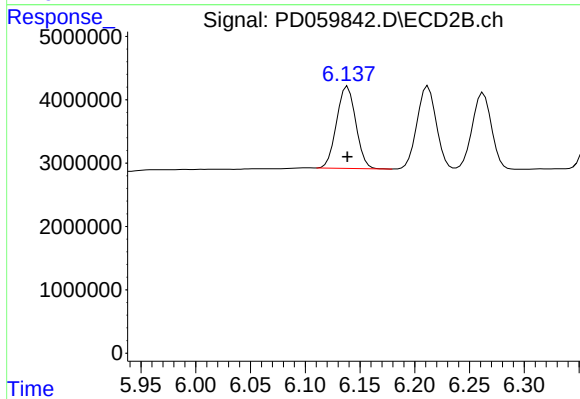
#9 Endosulfan I

R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 14708279
Conc: 5.51 ng/ml



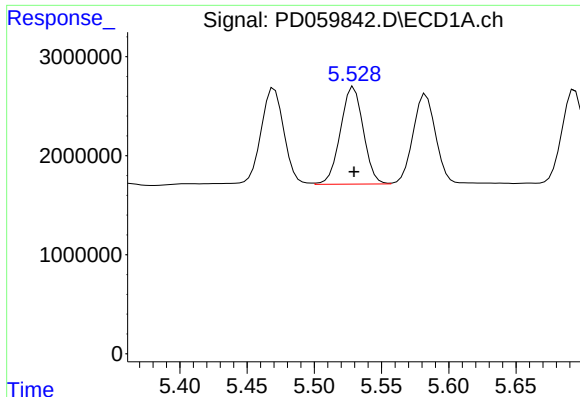
#10 gamma-Chlordane

R.T.: 5.469 min
Delta R.T.: -0.003 min
Response: 11359454
Conc: 5.51 ng/ml m



#10 gamma-Chlordane

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 15784284
Conc: 5.40 ng/ml



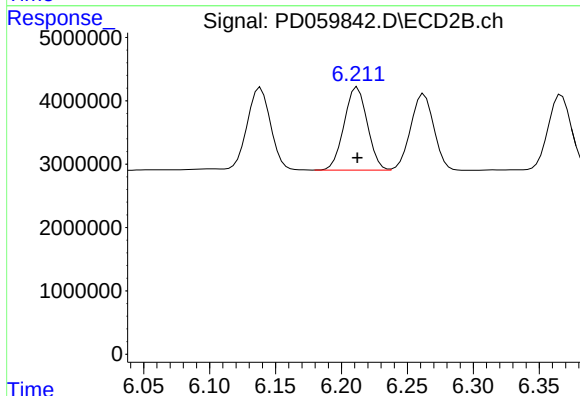
#11 alpha-Chlordane

R.T.: 5.529 min
Delta R.T.: 0.000 min
Response: 11592486
Conc: 5.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2020

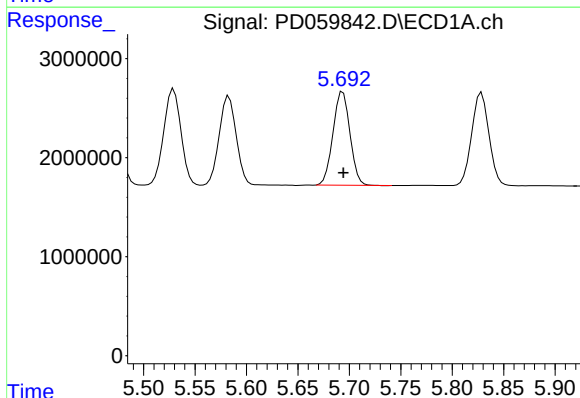
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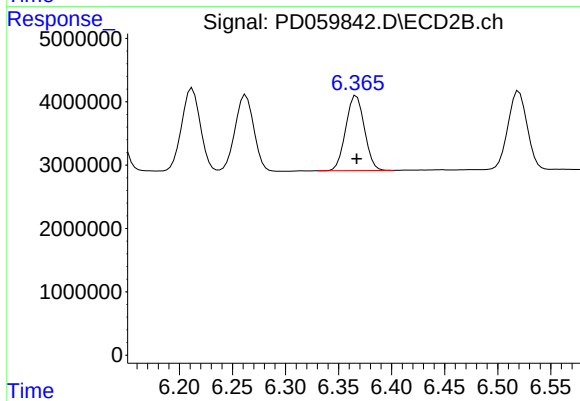
#11 alpha-Chlordane

R.T.: 6.212 min
Delta R.T.: 0.000 min
Response: 16014791
Conc: 5.51 ng/ml



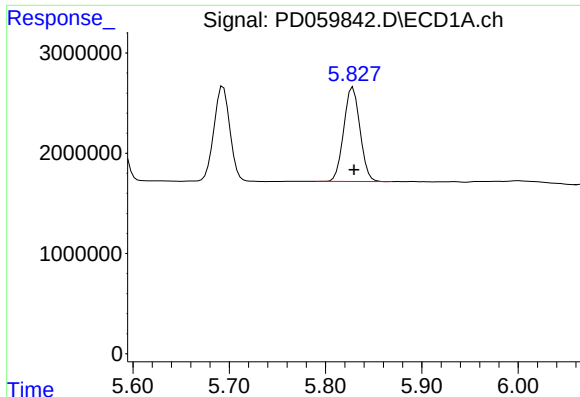
#12 4,4'-DDE

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 10863751
Conc: 5.36 ng/ml



#12 4,4'-DDE

R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 14470703
Conc: 5.28 ng/ml



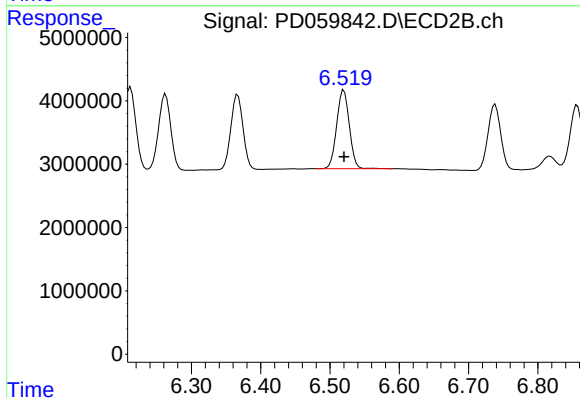
#13 Dieldrin

R.T.: 5.829 min
Delta R.T.: -0.001 min
Response: 10984087
Conc: 5.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2020

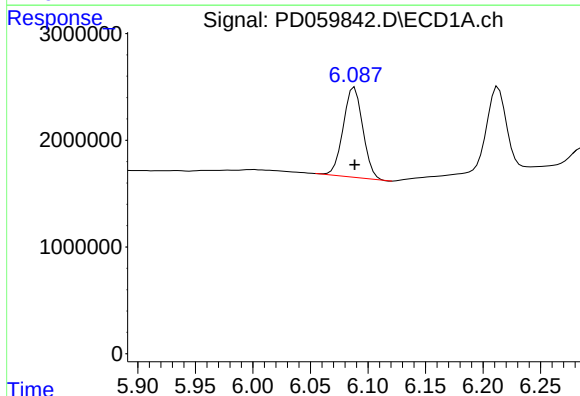
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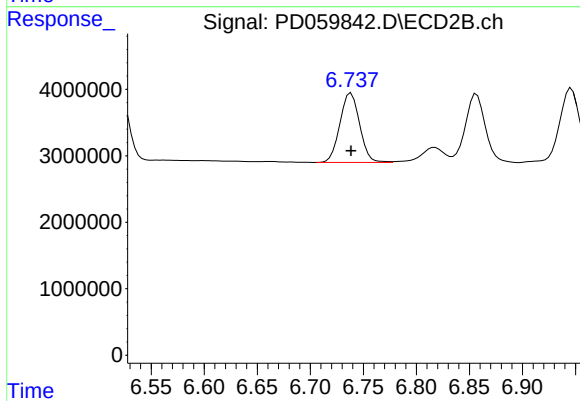
#13 Dieldrin

R.T.: 6.520 min
Delta R.T.: 0.000 min
Response: 15690042
Conc: 5.47 ng/ml



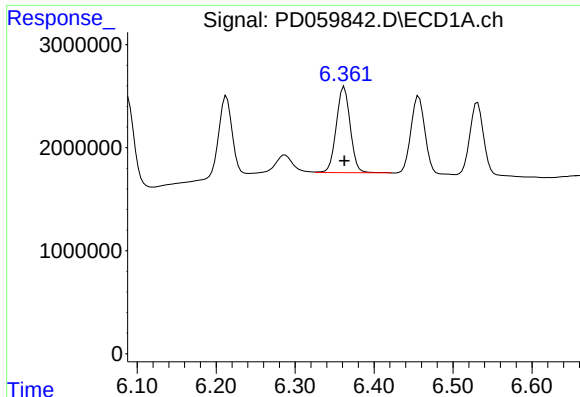
#14 Endrin

R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 10043195
Conc: 5.46 ng/ml



#14 Endrin

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 13522138
Conc: 5.46 ng/ml



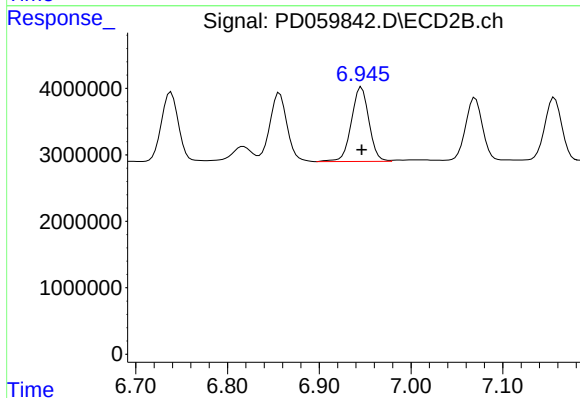
#15 Endosulfan II

R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 10221476
Conc: 5.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2020

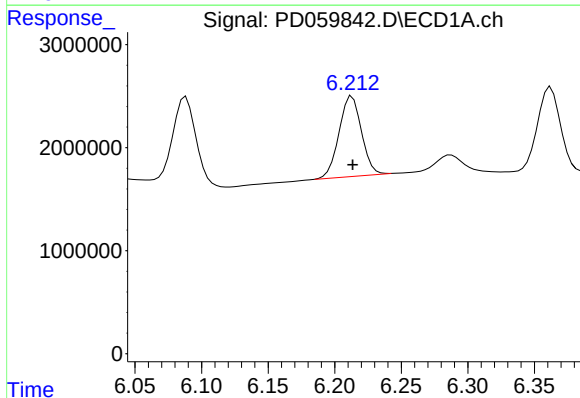
Manual Integrations
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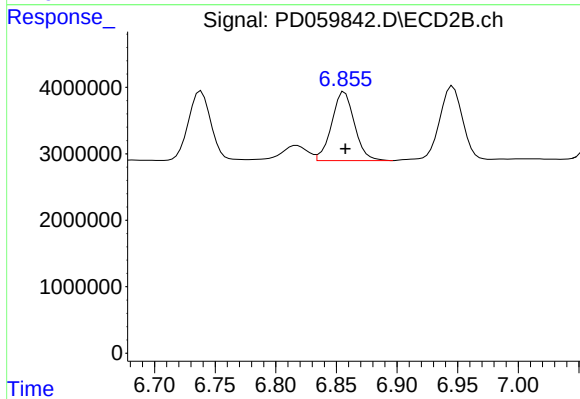
#15 Endosulfan II

R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 14932935
Conc: 5.76 ng/ml



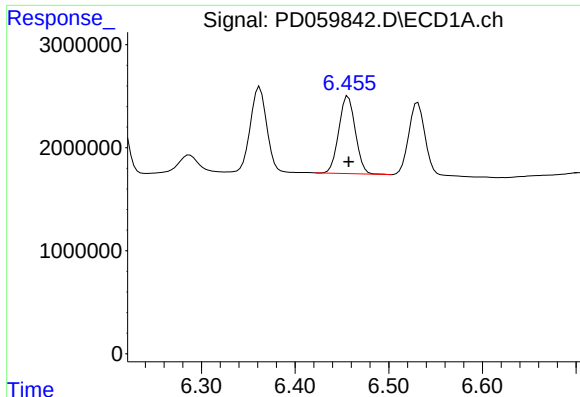
#16 4,4'-DDD

R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 9135131
Conc: 5.47 ng/ml



#16 4,4'-DDD

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 13520940
Conc: 5.84 ng/ml



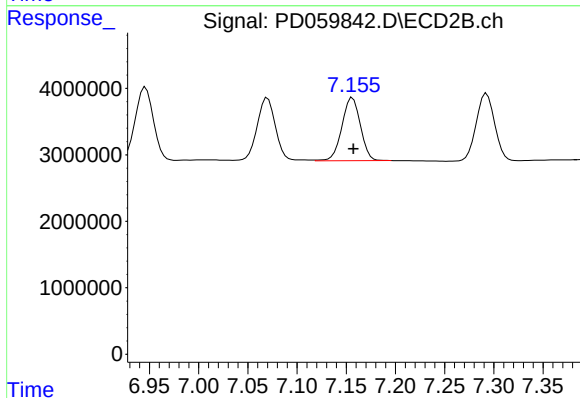
#17 4,4'-DDT

R.T.: 6.457 min
Delta R.T.: 0.000 min
Response: 9240868
Conc: 5.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2020

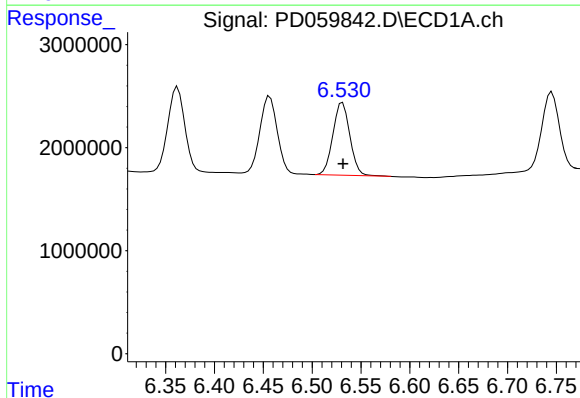
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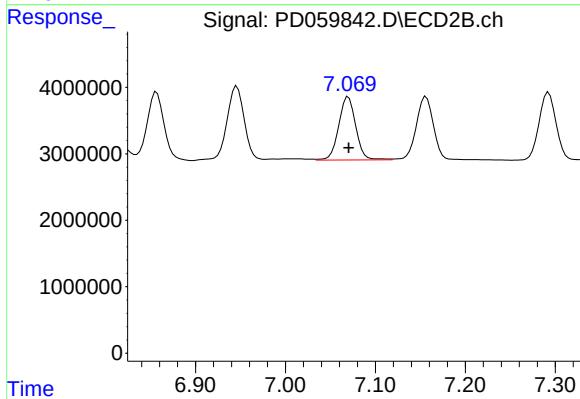
#17 4,4'-DDT

R.T.: 7.156 min
Delta R.T.: 0.000 min
Response: 12465760
Conc: 5.26 ng/ml



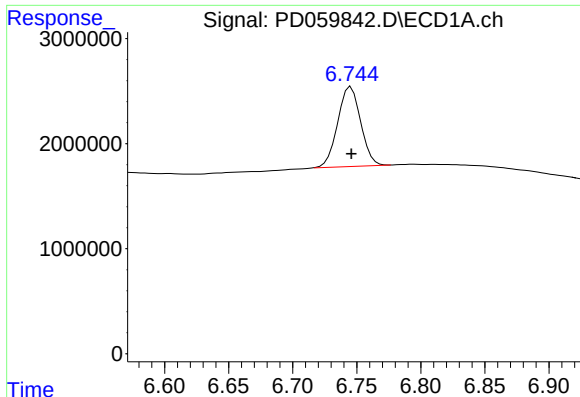
#18 Endrin aldehyde

R.T.: 6.531 min
Delta R.T.: 0.000 min
Response: 8531015
Conc: 5.87 ng/ml



#18 Endrin aldehyde

R.T.: 7.070 min
Delta R.T.: 0.000 min
Response: 12554252
Conc: 6.07 ng/ml



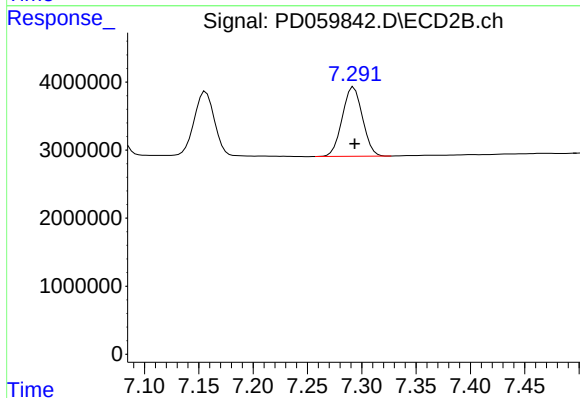
#19 Endosulfan Sulfate

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 9436911
Conc: 5.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2020

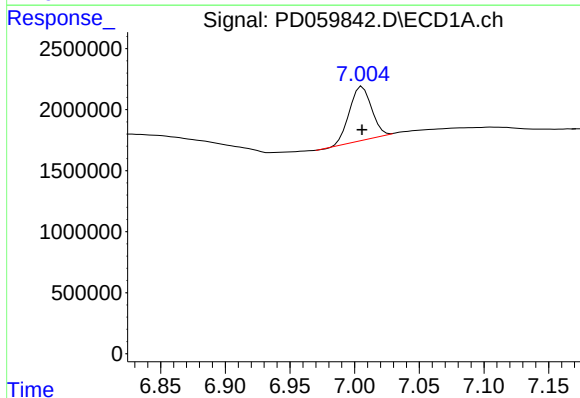
Manual Integrations
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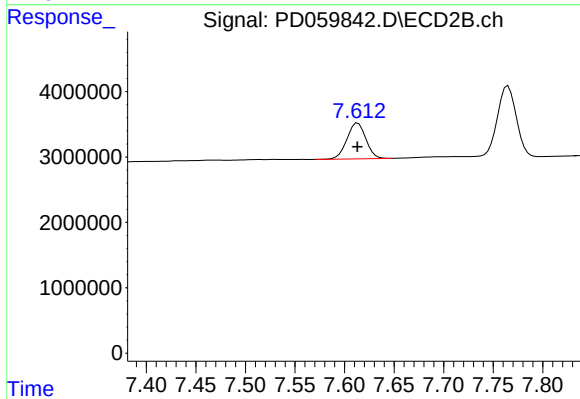
#19 Endosulfan Sulfate

R.T.: 7.293 min
Delta R.T.: 0.000 min
Response: 13192653
Conc: 5.74 ng/ml



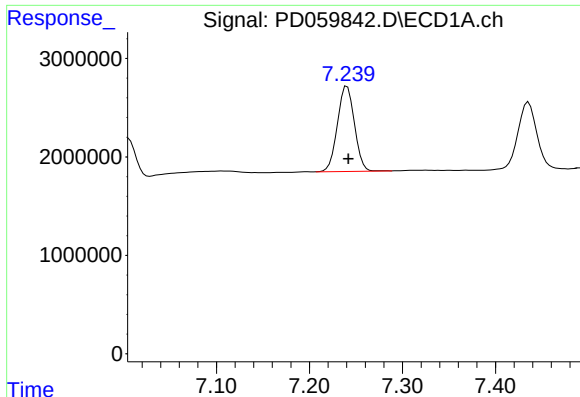
#20 Methoxychlor

R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 5184747
Conc: 5.47 ng/ml



#20 Methoxychlor

R.T.: 7.613 min
Delta R.T.: 0.000 min
Response: 7284379
Conc: 5.72 ng/ml



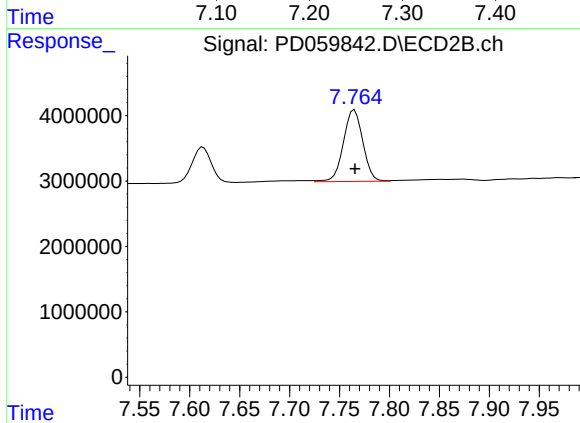
#21 Endrin ketone

R.T.: 7.241 min
Delta R.T.: -0.001 min
Response: 11059946
Conc: 5.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2020

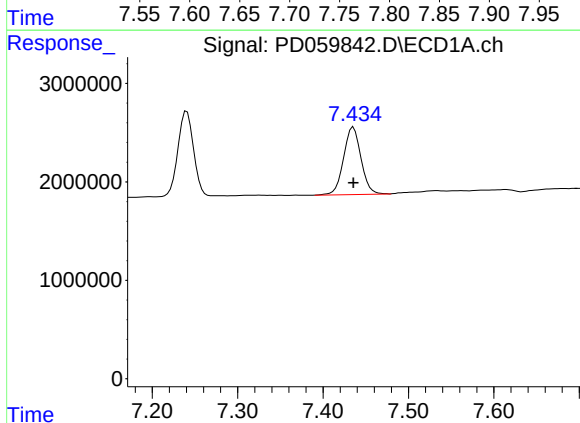
Manual Integrations
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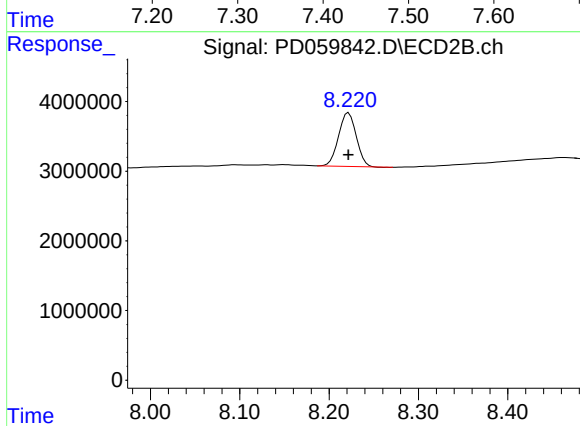
#21 Endrin ketone

R.T.: 7.765 min
Delta R.T.: 0.000 min
Response: 14829101
Conc: 5.97 ng/ml



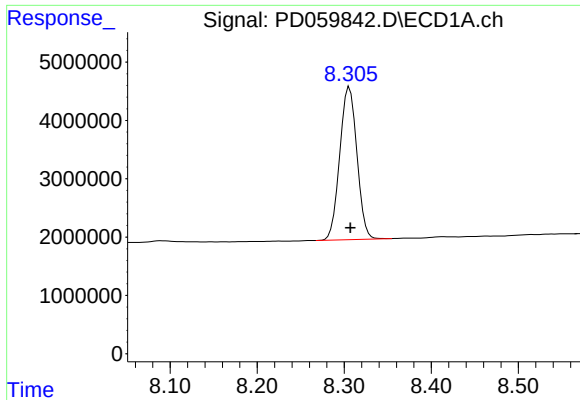
#22 Mirex

R.T.: 7.435 min
Delta R.T.: 0.000 min
Response: 9722624
Conc: 6.79 ng/ml



#22 Mirex

R.T.: 8.222 min
Delta R.T.: 0.000 min
Response: 10585592
Conc: 6.48 ng/ml



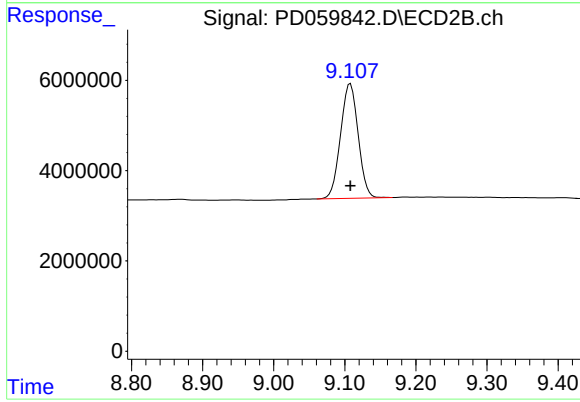
#28 Decachlorobiphenyl

R.T.: 8.306 min
Delta R.T.: -0.001 min
Response: 35878477
Conc: 23.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations
APPROVED

Ankita
10/21/2020 2:03:23 PM



#28 Decachlorobiphenyl

R.T.: 9.108 min
Delta R.T.: 0.000 min
Response: 43698607
Conc: 24.13 ng/ml