

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101520\
 Data File : PL062306.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2020 17:41
 Operator : DD\AJ
 Sample : L4214-08
 Misc : PEST LOQ 5 PPB
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 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 15 02:12:16 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101320.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 13 05:04:40 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.411	3.951	35128174	55049685	20.182	19.532
28)	SA Decachlor...	8.125	8.992	36357861	51898682	19.876	18.908
Target Compounds							
2)	A alpha-BHC	3.843	4.337	12286035	18430798	4.794	4.395
3)	MA gamma-BHC...	4.122	4.620	10339899	17402887	4.534	4.429
4)	MA Heptachlor	4.420	5.126	10984196	18831013	5.217	4.954
5)	MB Aldrin	4.662	5.429	9233516	16174018	4.871m	4.588
6)	B beta-BHC	4.372	4.791	5468011	9368873	5.685	5.331
7)	B delta-BHC	4.570	5.006	9656379	19353277	4.526m	5.581
8)	B Heptachlo...	5.101	5.815	9353163	16070644	5.118m	4.944
9)	A Endosulfan I	5.437	6.171	8782335	14474390	5.202	4.805
10)	B gamma-Chl...	5.326	6.049	9174926	14993956	5.088m	4.566
11)	B alpha-Chl...	5.383	6.121	9166857	15518018	5.064m	4.748
12)	B 4,4'-DDE	5.549	6.280	7868532	13887783	4.772	4.564
13)	MA Dieldrin	5.678	6.427	8443396	14287841	4.803	4.627
14)	MA Endrin	5.932	6.644	7619225	10771093	4.959	4.331
15)	B Endosulfa...	6.204	6.854	8219434	13330835	4.978	4.913
16)	A 4,4'-DDD	6.061	6.769	7124655	11950360	4.912	4.897
17)	MA 4,4'-DDT	6.300	7.068	4721660	9073473	3.660	3.967
18)	B Endrin al...	6.371	6.978	7512856	11423405	5.178	4.836
19)	B Endosulfa...	6.583	7.201	8435956	12207195	5.104	4.704
20)	A Methoxychlor	6.843	7.528	3388966	5399963	4.165	4.096
21)	B Endrin ke...	7.069	7.670	10040969	13090352	5.096	4.693
22)	Mirex	7.255	8.124	8147128	10823910	5.490	5.144

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101520\
Data File : PL062306.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2020 17:41
Operator : DD\AJ
Sample : L4214-08
Misc : PEST LOQ 5 PPB
ALS Vial : 18 Sample Multiplier: 1

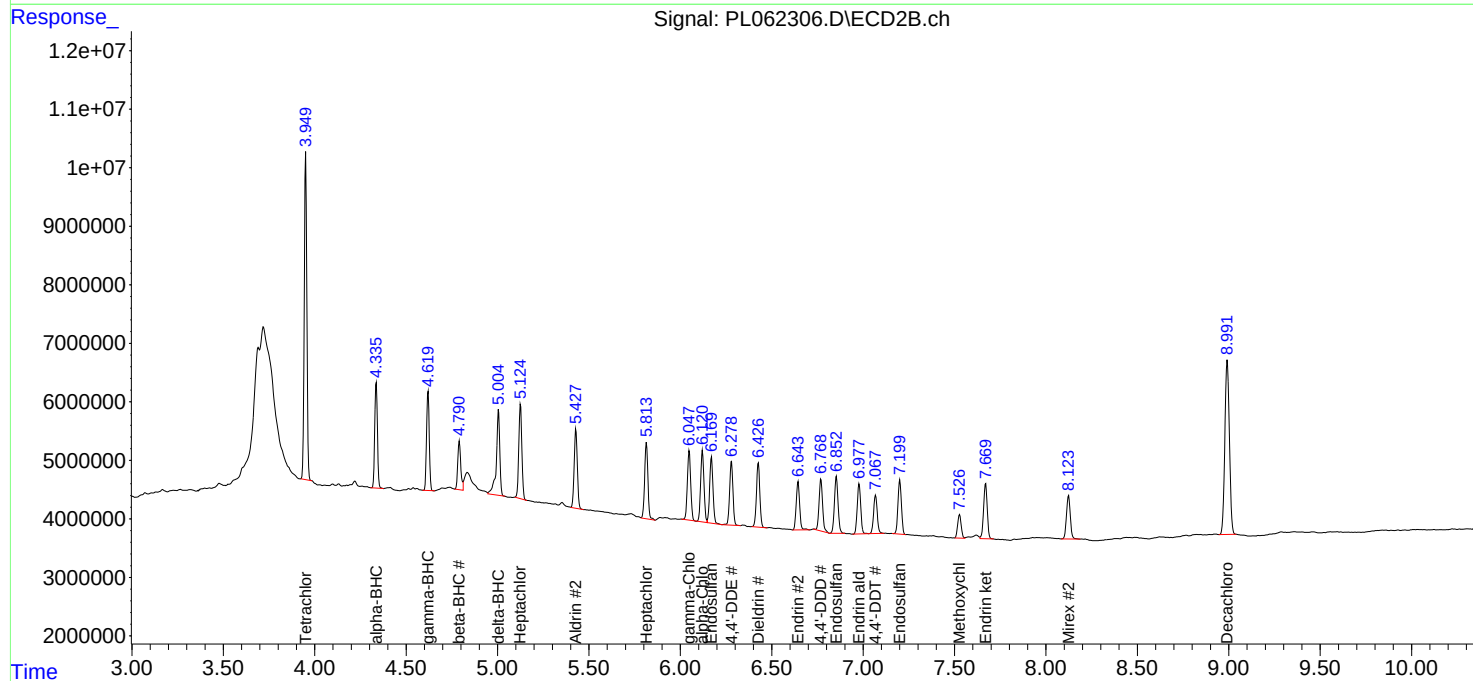
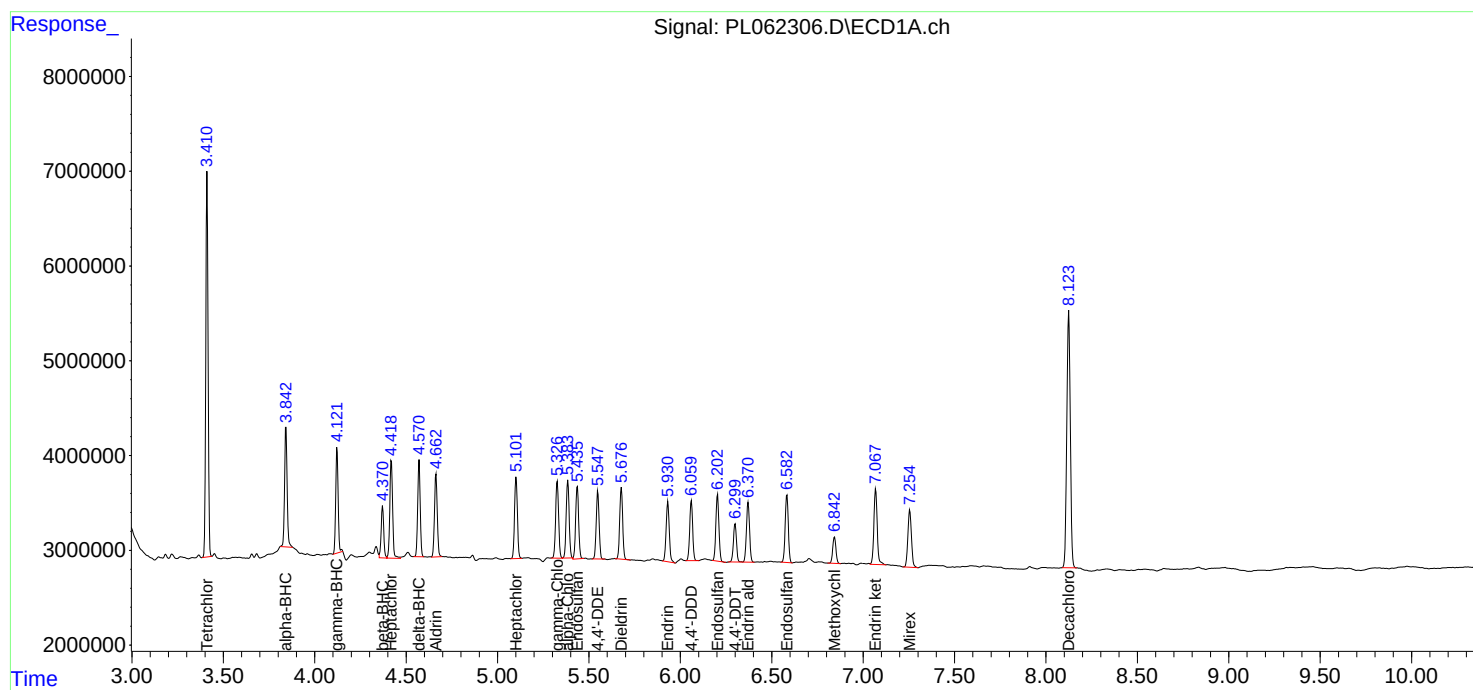
Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2020

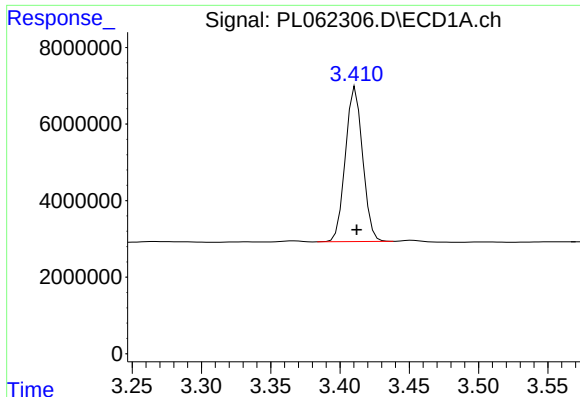
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 02:12:16 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101320.M
Quant Title : GC Extractables
QLast Update : Tue Oct 13 05:04:40 2020
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm





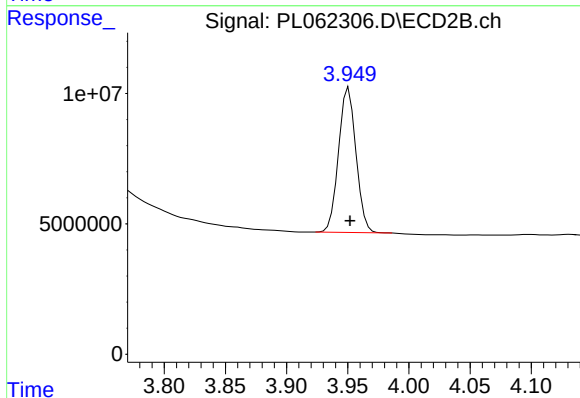
#1 Tetrachloro-m-xylene

R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 35128174
Conc: 20.18 ng/ml

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

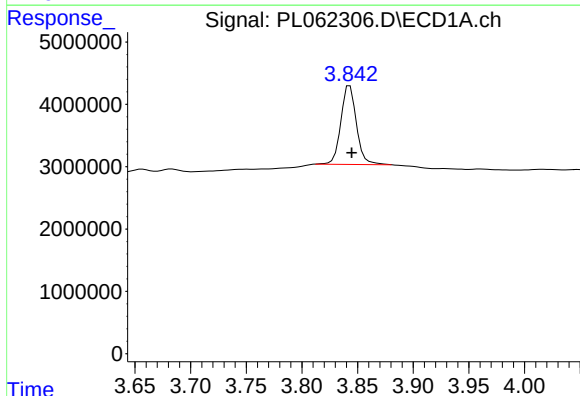
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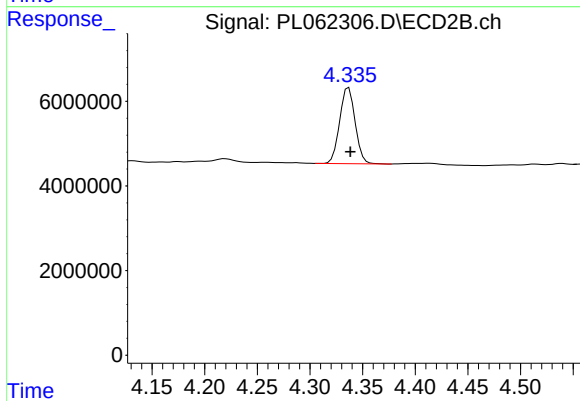
#1 Tetrachloro-m-xylene

R.T.: 3.951 min
Delta R.T.: -0.001 min
Response: 55049685
Conc: 19.53 ng/ml



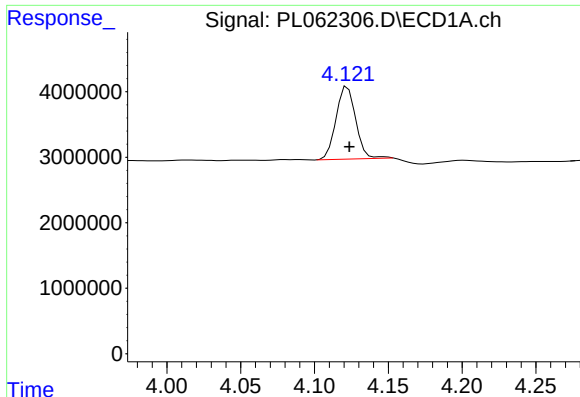
#2 alpha-BHC

R.T.: 3.843 min
Delta R.T.: -0.002 min
Response: 12286035
Conc: 4.79 ng/ml



#2 alpha-BHC

R.T.: 4.337 min
Delta R.T.: -0.002 min
Response: 18430798
Conc: 4.40 ng/ml



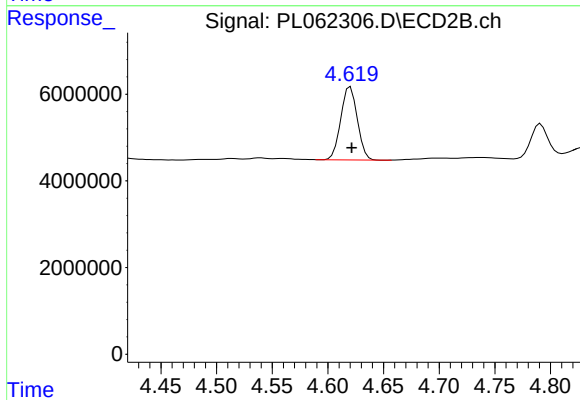
#3 gamma-BHC (Lindane)

R.T.: 4.122 min
Delta R.T.: -0.001 min
Response: 10339899
Conc: 4.53 ng/ml

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

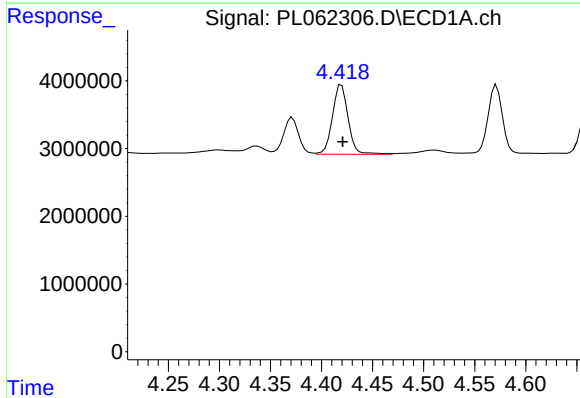
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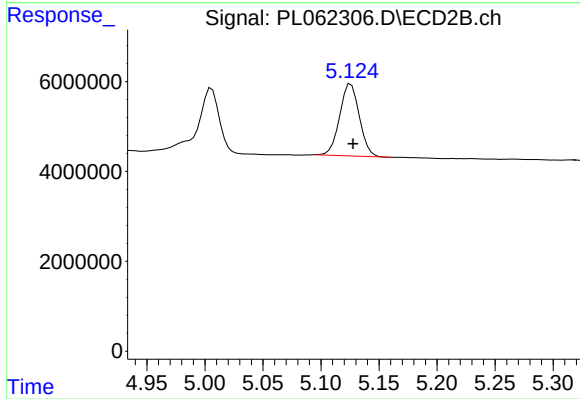
#3 gamma-BHC (Lindane)

R.T.: 4.620 min
Delta R.T.: -0.001 min
Response: 17402887
Conc: 4.43 ng/ml



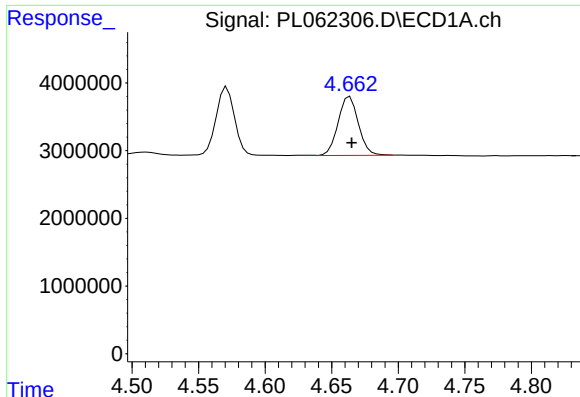
#4 Heptachlor

R.T.: 4.420 min
Delta R.T.: -0.001 min
Response: 10984196
Conc: 5.22 ng/ml



#4 Heptachlor

R.T.: 5.126 min
Delta R.T.: -0.002 min
Response: 18831013
Conc: 4.95 ng/ml



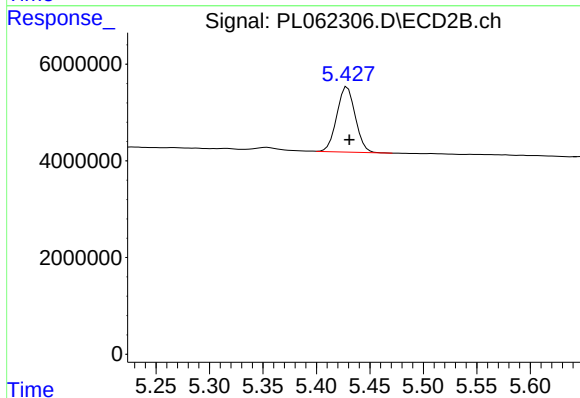
#5 Aldrin

R.T.: 4.662 min
Delta R.T.: -0.003 min
Response: 9233516
Conc: 4.87 ng/ml m

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

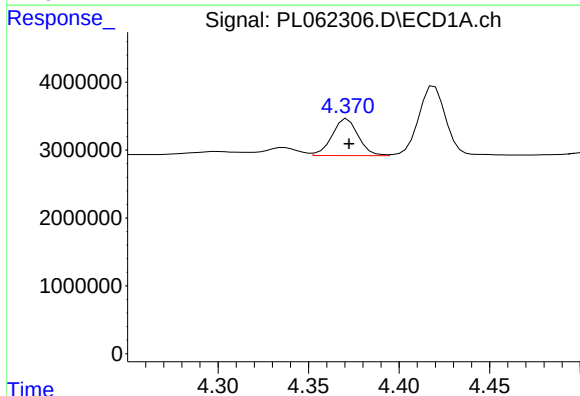
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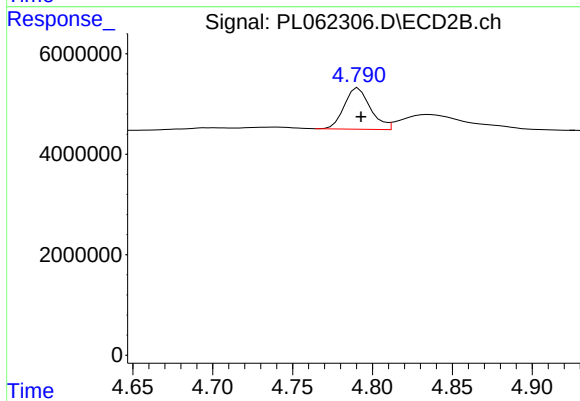
#5 Aldrin

R.T.: 5.429 min
Delta R.T.: -0.002 min
Response: 16174018
Conc: 4.59 ng/ml



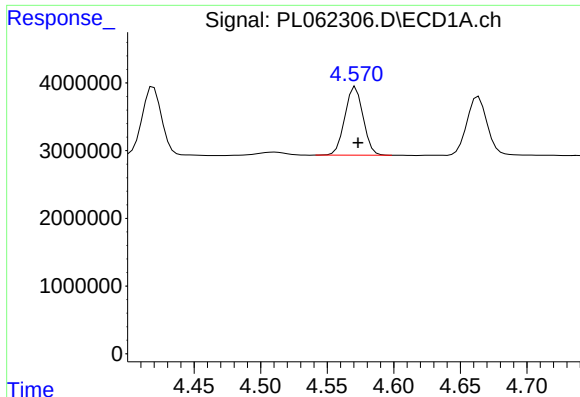
#6 beta-BHC

R.T.: 4.372 min
Delta R.T.: 0.000 min
Response: 5468011
Conc: 5.69 ng/ml



#6 beta-BHC

R.T.: 4.791 min
Delta R.T.: -0.002 min
Response: 9368873
Conc: 5.33 ng/ml



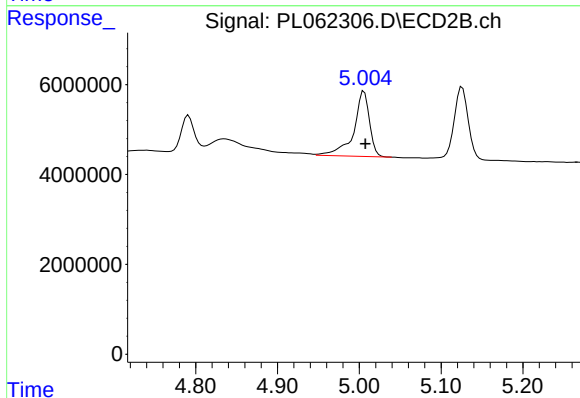
#7 delta-BHC

R.T.: 4.570 min
Delta R.T.: -0.003 min
Response: 9656379
Conc: 4.53 ng/ml m

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

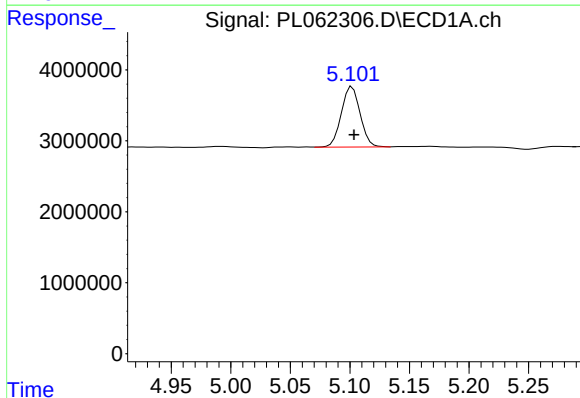
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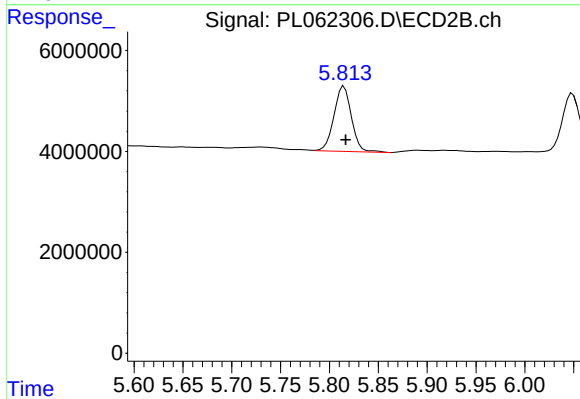
#7 delta-BHC

R.T.: 5.006 min
Delta R.T.: -0.002 min
Response: 19353277
Conc: 5.58 ng/ml



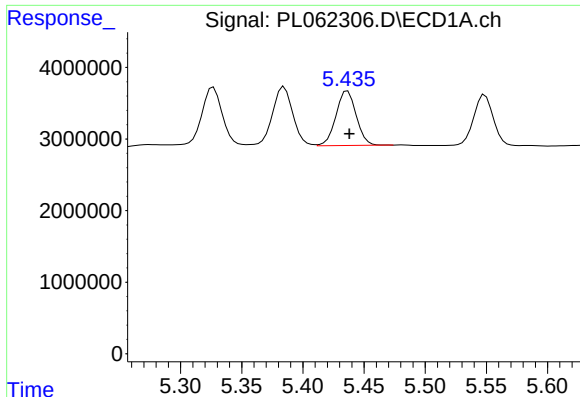
#8 Heptachlor epoxide

R.T.: 5.101 min
Delta R.T.: -0.003 min
Response: 9353163
Conc: 5.12 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.815 min
Delta R.T.: -0.002 min
Response: 16070644
Conc: 4.94 ng/ml



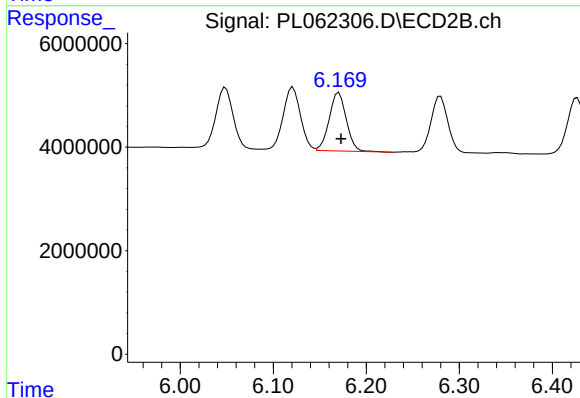
#9 Endosulfan I

R.T.: 5.437 min
Delta R.T.: -0.001 min
Response: 8782335
Conc: 5.20 ng/ml

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

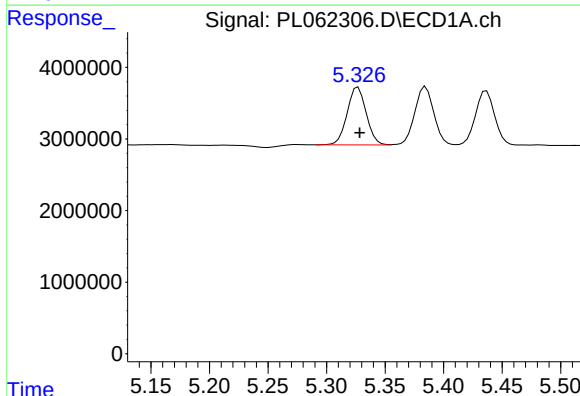
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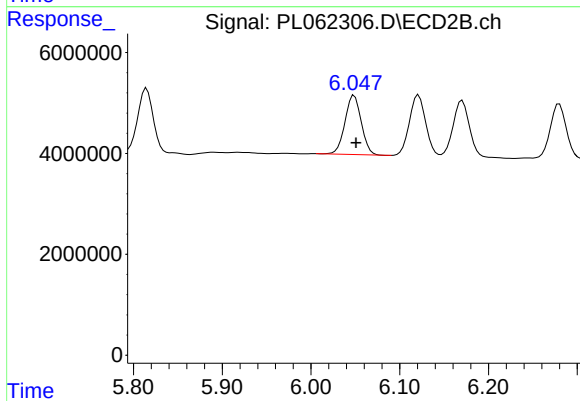
#9 Endosulfan I

R.T.: 6.171 min
Delta R.T.: -0.002 min
Response: 14474390
Conc: 4.81 ng/ml



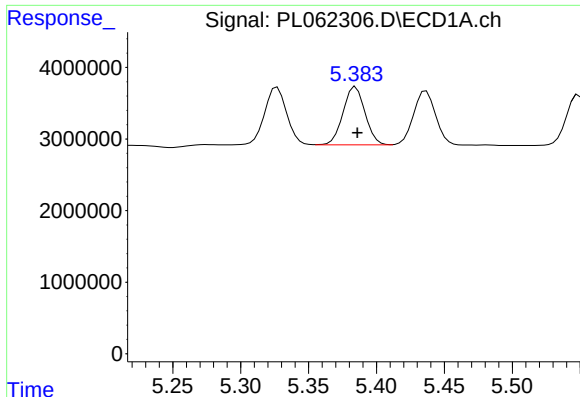
#10 gamma-Chlordane

R.T.: 5.326 min
Delta R.T.: -0.003 min
Response: 9174926
Conc: 5.09 ng/ml m



#10 gamma-Chlordane

R.T.: 6.049 min
Delta R.T.: -0.002 min
Response: 14993956
Conc: 4.57 ng/ml



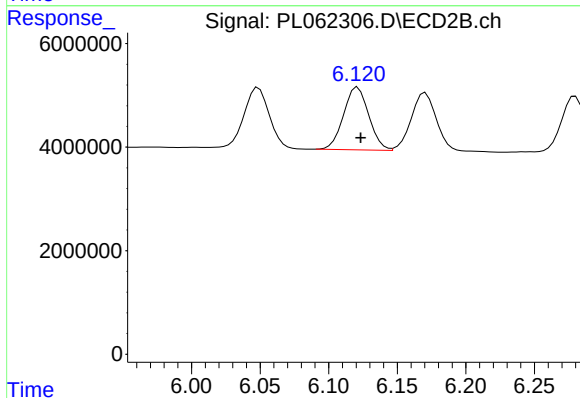
#11 alpha-Chlordane

R.T.: 5.383 min
Delta R.T.: -0.003 min
Response: 9166857
Conc: 5.06 ng/ml m

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

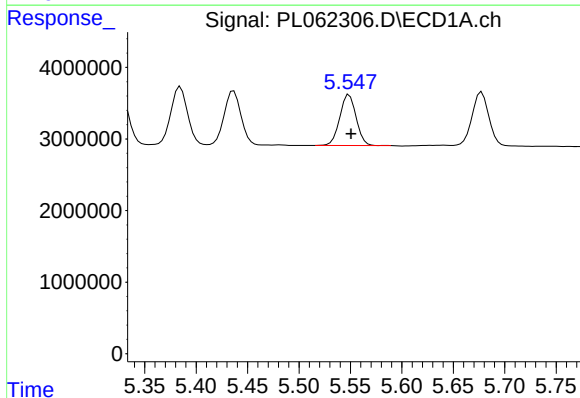
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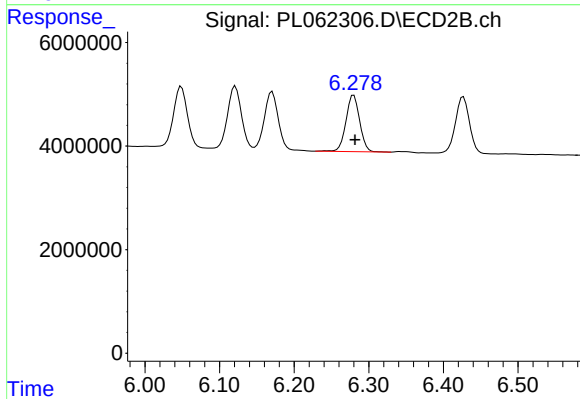
#11 alpha-Chlordane

R.T.: 6.121 min
Delta R.T.: -0.002 min
Response: 15518018
Conc: 4.75 ng/ml



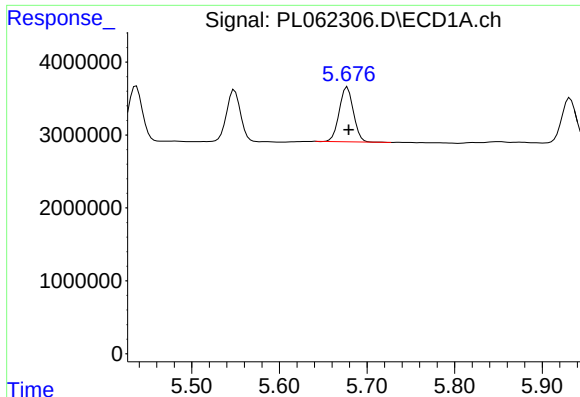
#12 4,4'-DDE

R.T.: 5.549 min
Delta R.T.: -0.002 min
Response: 7868532
Conc: 4.77 ng/ml



#12 4,4'-DDE

R.T.: 6.280 min
Delta R.T.: -0.002 min
Response: 13887783
Conc: 4.56 ng/ml



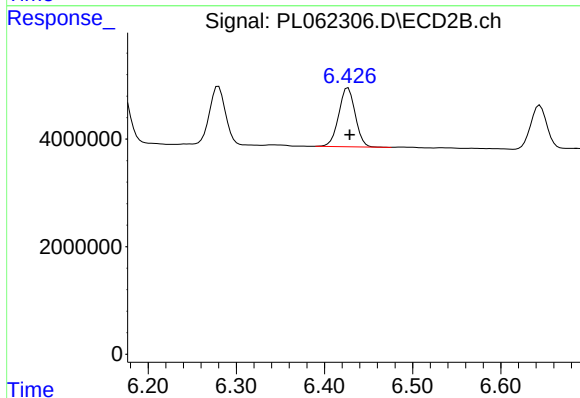
#13 Dieldrin

R.T.: 5.678 min
Delta R.T.: -0.002 min
Response: 8443396
Conc: 4.80 ng/ml

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

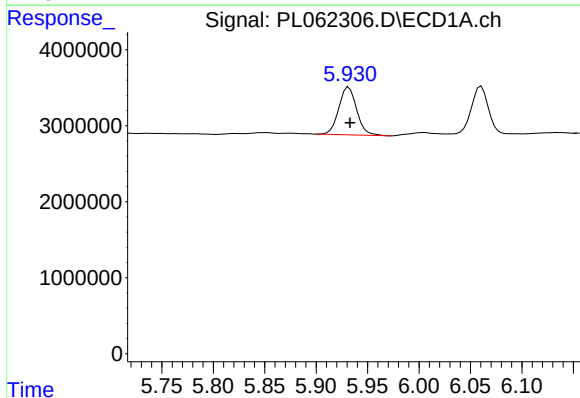
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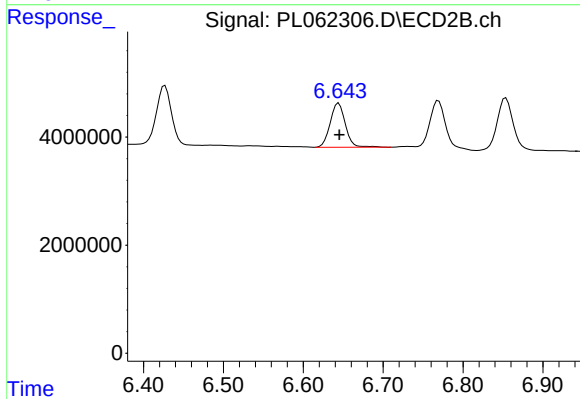
#13 Dieldrin

R.T.: 6.427 min
Delta R.T.: -0.002 min
Response: 14287841
Conc: 4.63 ng/ml



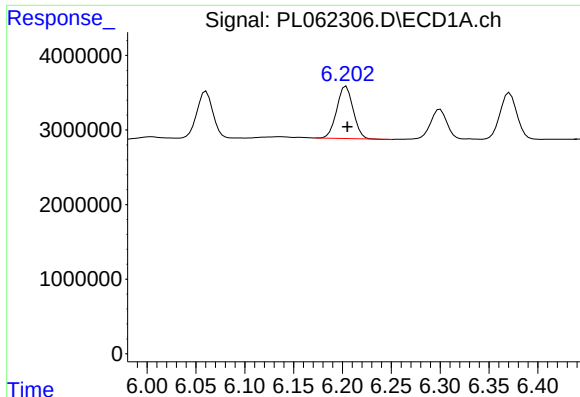
#14 Endrin

R.T.: 5.932 min
Delta R.T.: -0.001 min
Response: 7619225
Conc: 4.96 ng/ml



#14 Endrin

R.T.: 6.644 min
Delta R.T.: 0.000 min
Response: 10771093
Conc: 4.33 ng/ml



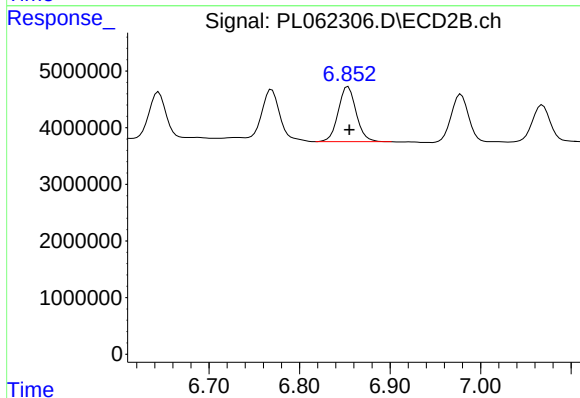
#15 Endosulfan II

R.T.: 6.204 min
Delta R.T.: -0.001 min
Response: 8219434
Conc: 4.98 ng/ml

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

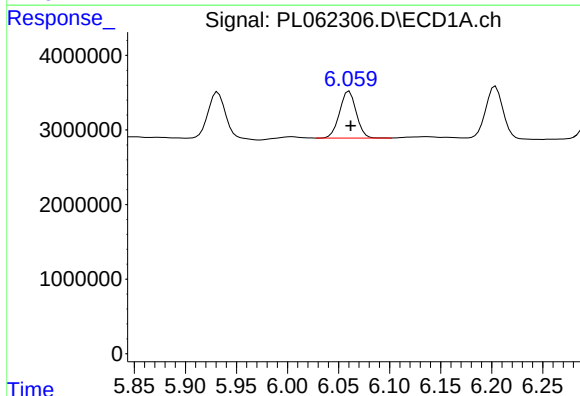
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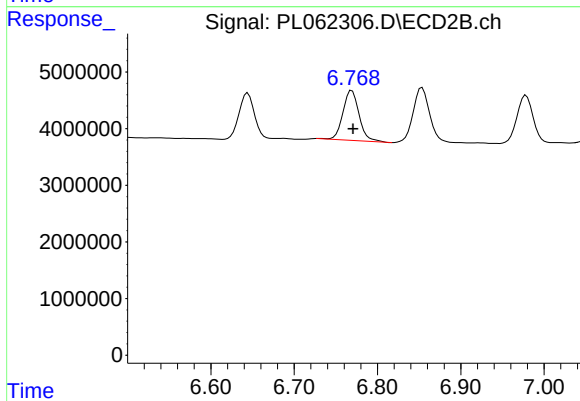
#15 Endosulfan II

R.T.: 6.854 min
Delta R.T.: -0.002 min
Response: 13330835
Conc: 4.91 ng/ml



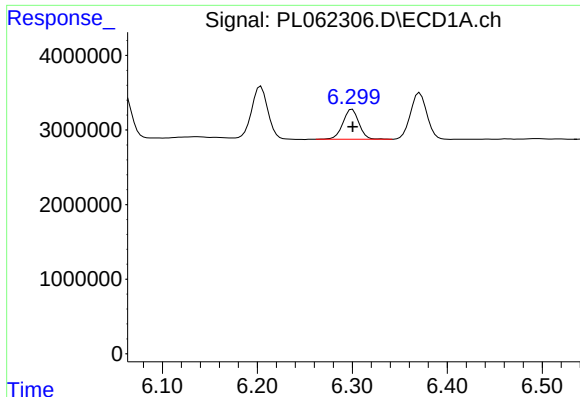
#16 4,4'-DDD

R.T.: 6.061 min
Delta R.T.: -0.001 min
Response: 7124655
Conc: 4.91 ng/ml



#16 4,4'-DDD

R.T.: 6.769 min
Delta R.T.: -0.001 min
Response: 11950360
Conc: 4.90 ng/ml



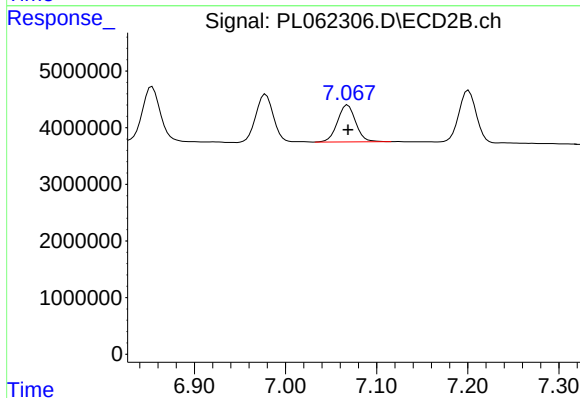
#17 4,4'-DDT

R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 4721660
Conc: 3.66 ng/ml

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

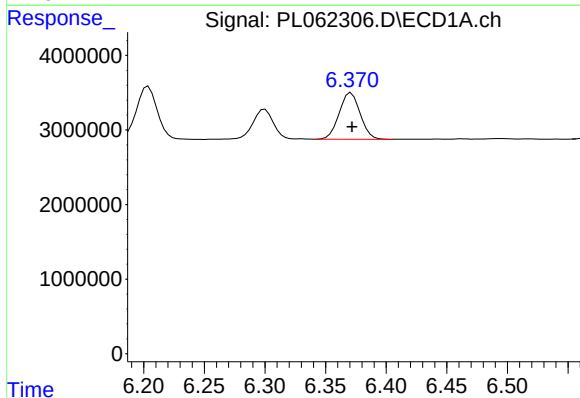
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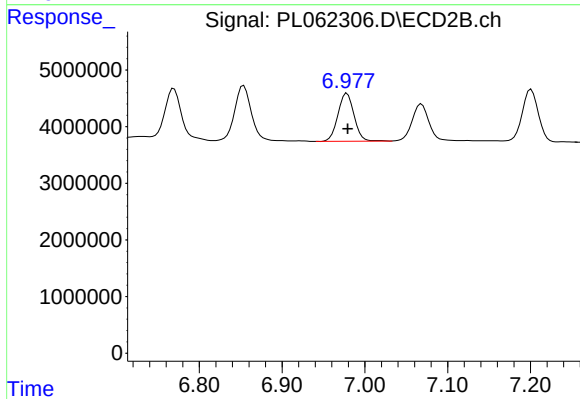
#17 4,4'-DDT

R.T.: 7.068 min
Delta R.T.: 0.000 min
Response: 9073473
Conc: 3.97 ng/ml



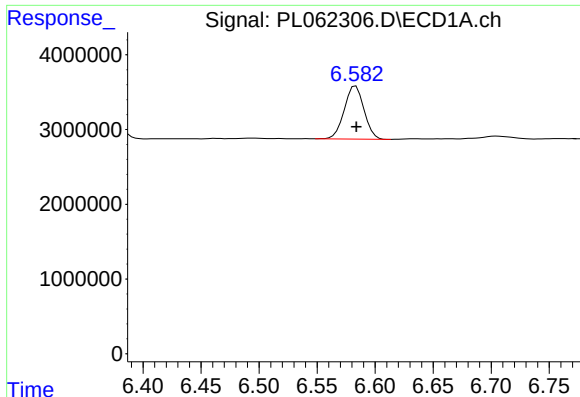
#18 Endrin aldehyde

R.T.: 6.371 min
Delta R.T.: 0.000 min
Response: 7512856
Conc: 5.18 ng/ml



#18 Endrin aldehyde

R.T.: 6.978 min
Delta R.T.: 0.000 min
Response: 11423405
Conc: 4.84 ng/ml



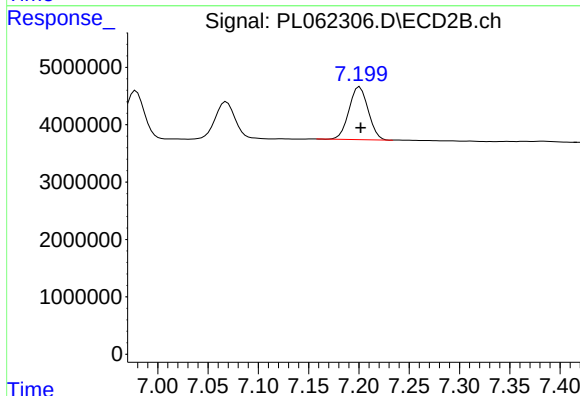
#19 Endosulfan Sulfate

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 8435956
Conc: 5.10 ng/ml

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

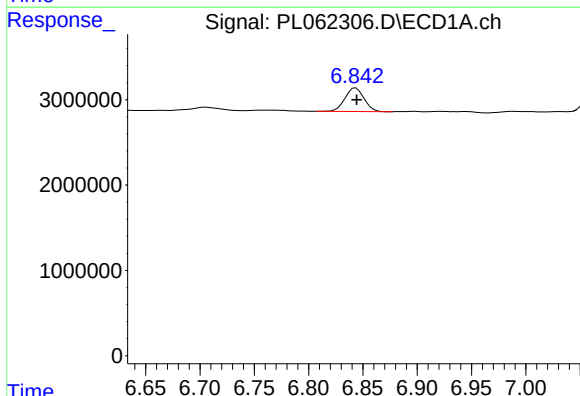
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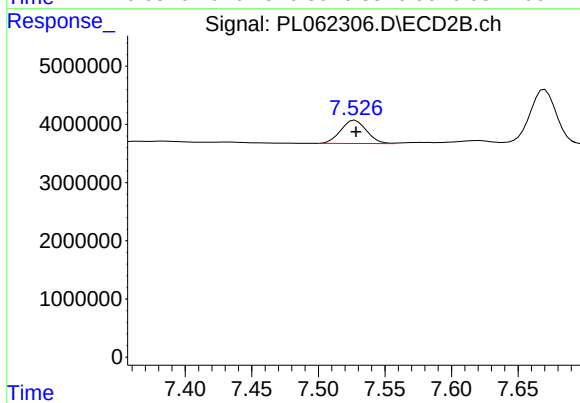
#19 Endosulfan Sulfate

R.T.: 7.201 min
Delta R.T.: 0.000 min
Response: 12207195
Conc: 4.70 ng/ml



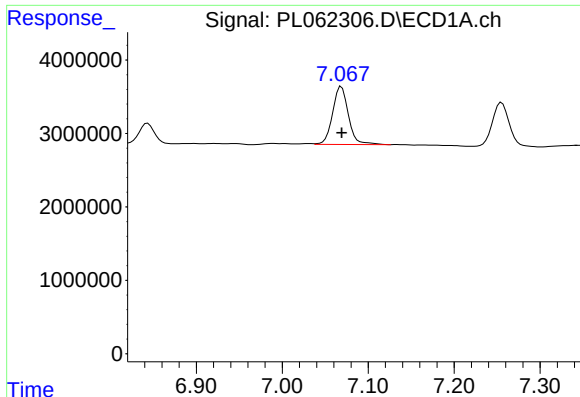
#20 Methoxychlor

R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 3388966
Conc: 4.16 ng/ml



#20 Methoxychlor

R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 5399963
Conc: 4.10 ng/ml



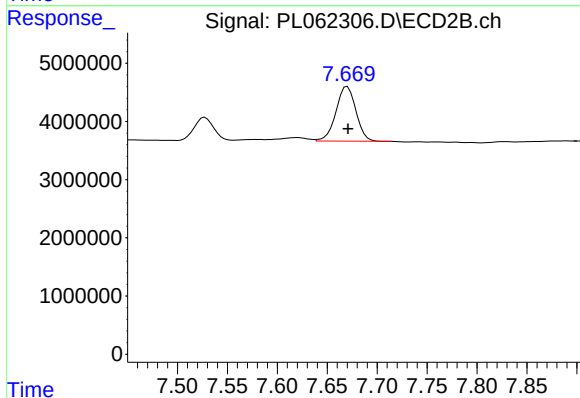
#21 Endrin ketone

R.T.: 7.069 min
Delta R.T.: 0.000 min
Response: 10040969
Conc: 5.10 ng/ml

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

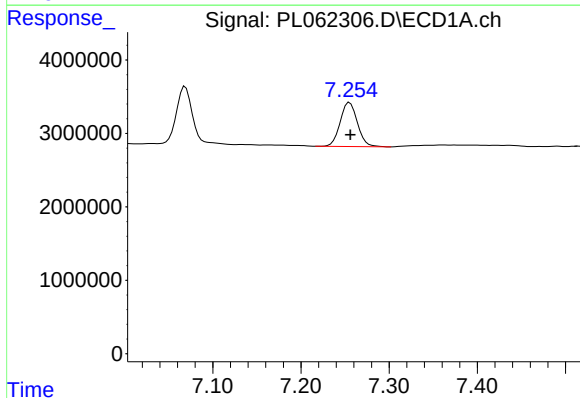
Manual Integrations
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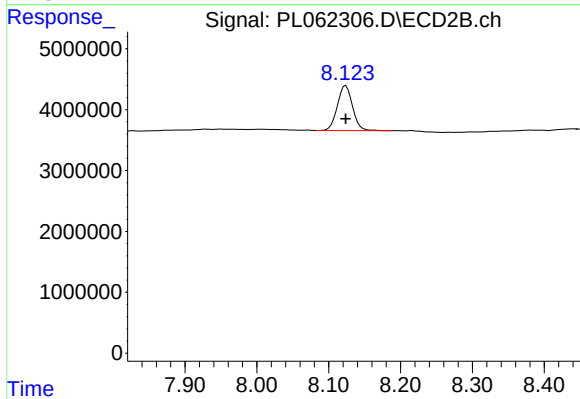
#21 Endrin ketone

R.T.: 7.670 min
Delta R.T.: 0.000 min
Response: 13090352
Conc: 4.69 ng/ml



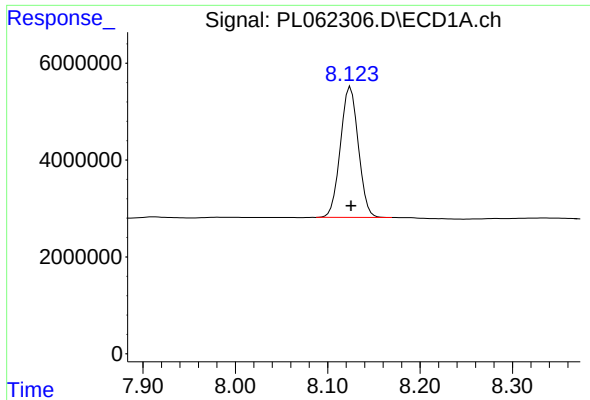
#22 Mirex

R.T.: 7.255 min
Delta R.T.: 0.000 min
Response: 8147128
Conc: 5.49 ng/ml



#22 Mirex

R.T.: 8.124 min
Delta R.T.: 0.000 min
Response: 10823910
Conc: 5.14 ng/ml



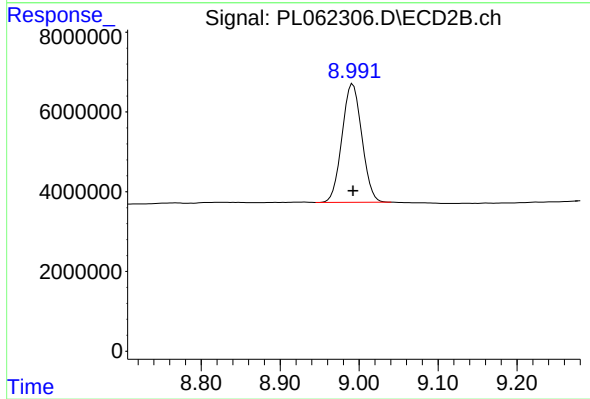
#28 Decachlorobiphenyl

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 36357861
Conc: 19.88 ng/ml

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

Manual Integrations
APPROVED

Ankita
10/15/2020 11:25:40 AM



#28 Decachlorobiphenyl

R.T.: 8.992 min
Delta R.T.: 0.000 min
Response: 51898682
Conc: 18.91 ng/ml