

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
 Data File : PL092328.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2024 11:23
 Operator : AR\AJ
 Sample : P4368-08
 Misc : PEST LOQ 5PPB WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/14/2024
 Supervised By : Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 11:38:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 2024
 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...	3.540	2.778	41833354	45651861	18.804	18.202
28) SA Decachlor...	9.059	7.919	33779966	49261380	20.620	19.689
Target Compounds						
2) A alpha-BHC	3.995	3.281	16875555	16312084	5.450	4.477
3) MA gamma-BHC...	4.328	3.611	16332533	15870519	5.271	4.495
4) MA Heptachlor	4.916	3.950	16712886	16943718	6.043	4.910
5) MB Aldrin	5.258	4.229	15904405	15907112	5.726	4.677
6) B beta-BHC	4.526	3.910	8085257	7868393	6.096	5.235
7) B delta-BHC	4.772	4.139	16284387	15665614	5.646	4.512
8) B Heptachlo...	5.684	4.732	15085610	15332745	5.928m	5.072
9) A Endosulfan I	6.071	5.102	13968634	14763951	6.038	5.379
10) B gamma-Chl...	5.940	4.983	14896923	16256461	6.028m	5.403
11) B alpha-Chl...	6.021	5.046	15774533	15891395	6.404	5.309
12) B 4,4'-DDE	6.194	5.235	12747384	14591296	5.890	5.251
13) MA Dieldrin	6.346	5.367	14610798	14193517	5.991	4.841
14) MA Endrin	6.576	5.642	11781480	13476024	5.717	5.139
15) B Endosulfa...	6.796	5.936	13163120	13467700	5.984	5.382m
16) A 4,4'-DDD	6.710	5.790	10820170	11611796	6.026m	5.436
17) MA 4,4'-DDT	7.023	6.041	10479098	11270009	5.691m	4.872
18) B Endrin al...	6.926	6.117	10276951	10713588	5.897	5.250
19) B Endosulfa...	7.160	6.338	12129535	14233154	6.119	5.900m
20) A Methoxychlor	7.502	6.617	6205876	6515240	6.321	5.211
21) B Endrin ke...	7.645	6.846	12944749	14411347	5.891	5.205
22) Mirex	8.118	7.025	10893208	13316062	6.048	5.474m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
Data File : PL092328.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 11:23
Operator : AR\AJ
Sample : P4368-08
Misc : PEST LOQ 5PPB WATER
ALS Vial : 11 Sample Multiplier: 1

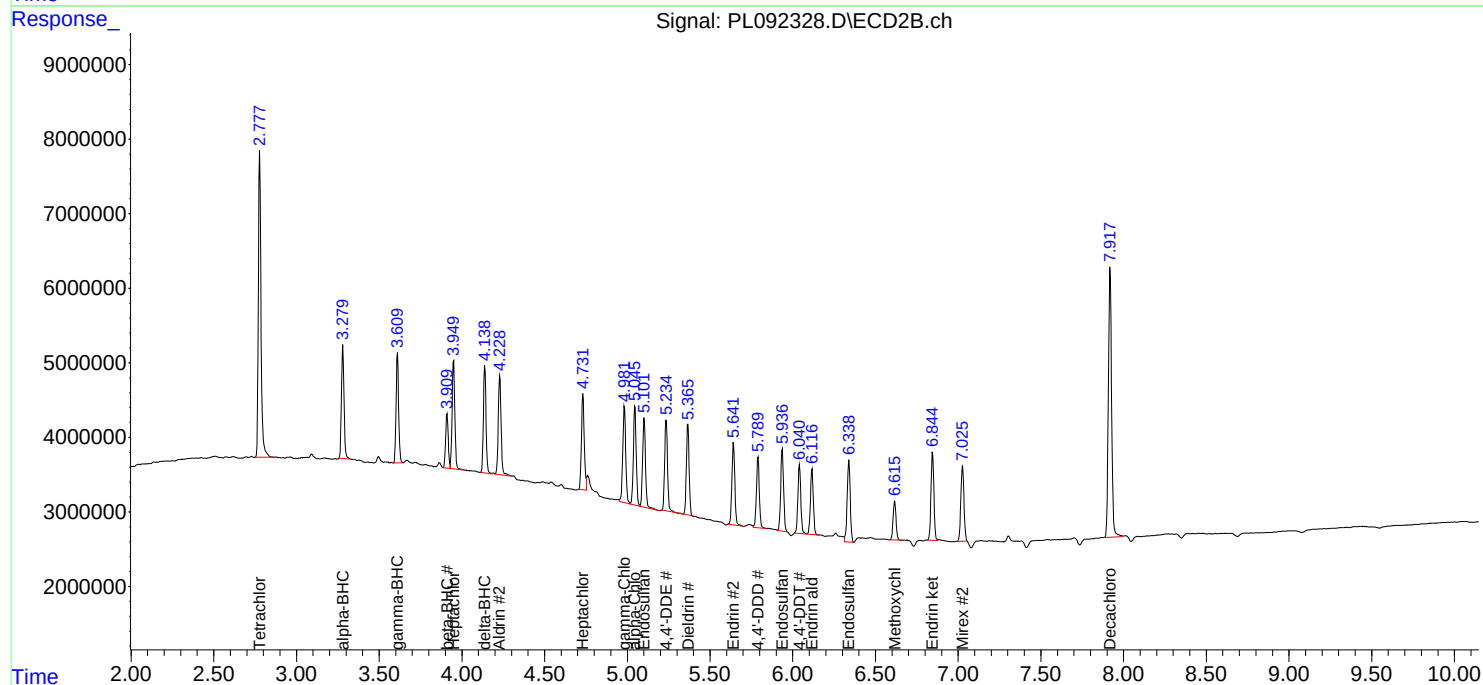
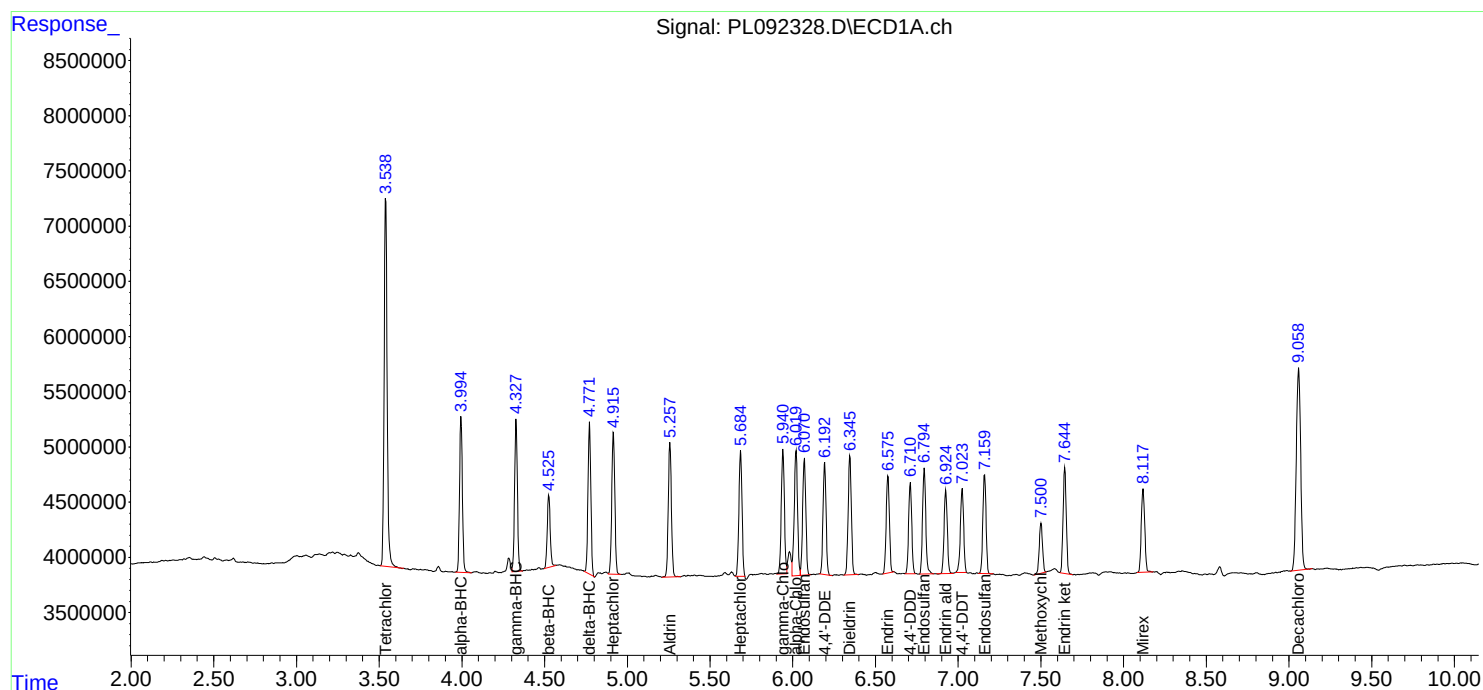
Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2024

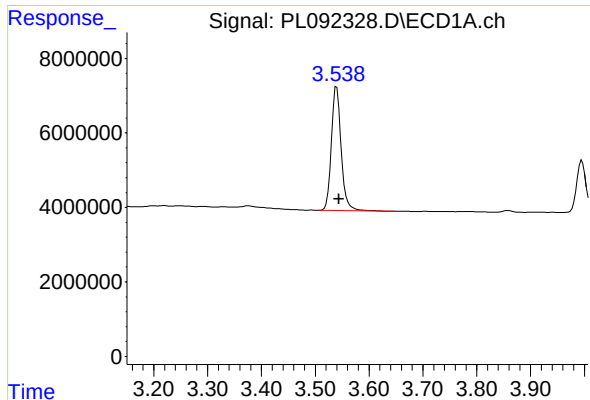
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 11:38:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
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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





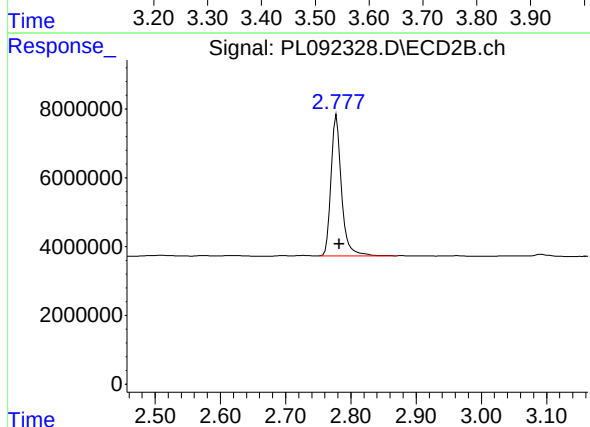
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 41833354
Conc: 18.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2024

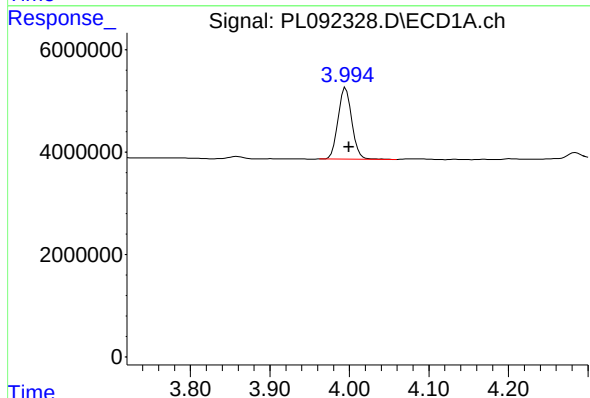
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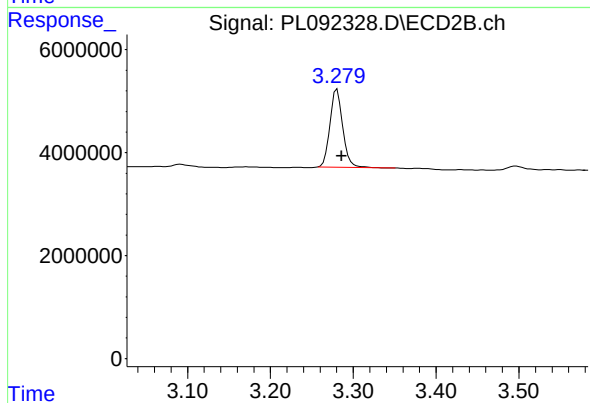
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: -0.004 min
Response: 45651861
Conc: 18.20 ng/ml



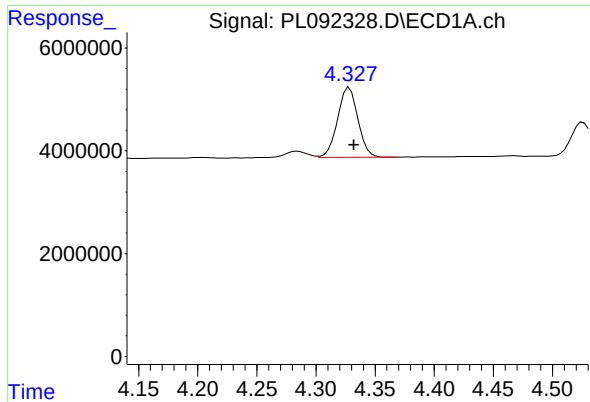
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: -0.004 min
Response: 16875555
Conc: 5.45 ng/ml



#2 alpha-BHC

R.T.: 3.281 min
Delta R.T.: -0.005 min
Response: 16312084
Conc: 4.48 ng/ml



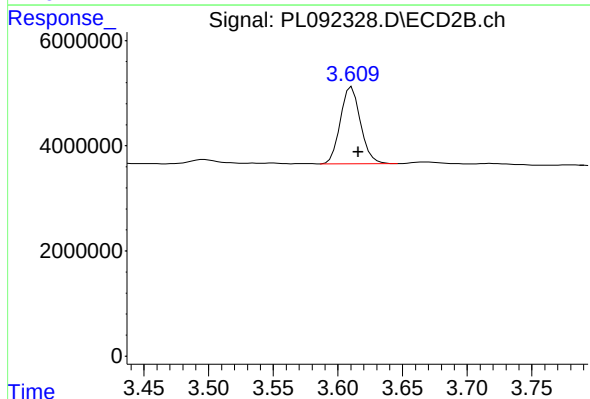
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: -0.004 min
Response: 16332533
Conc: 5.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2024

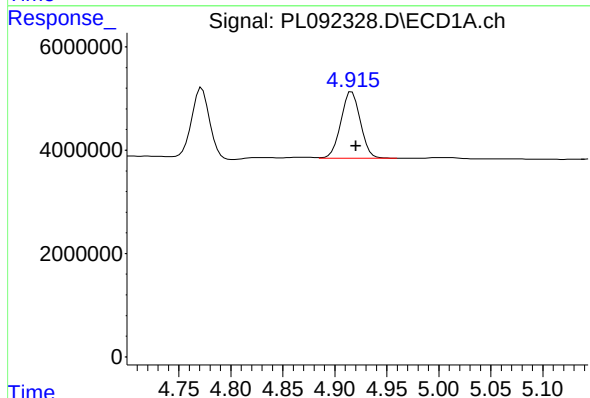
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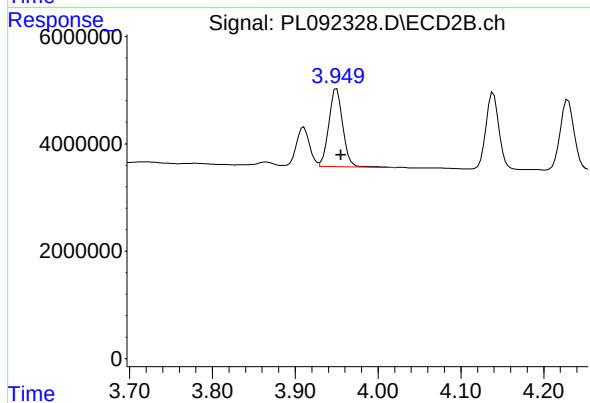
#3 gamma-BHC (Lindane)

R.T.: 3.611 min
Delta R.T.: -0.005 min
Response: 15870519
Conc: 4.49 ng/ml



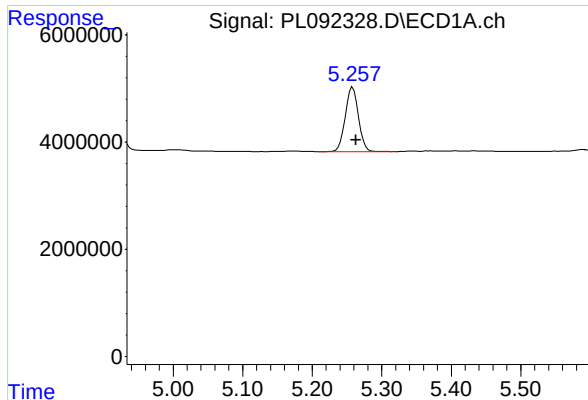
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: -0.004 min
Response: 16712886
Conc: 6.04 ng/ml



#4 Heptachlor

R.T.: 3.950 min
Delta R.T.: -0.005 min
Response: 16943718
Conc: 4.91 ng/ml



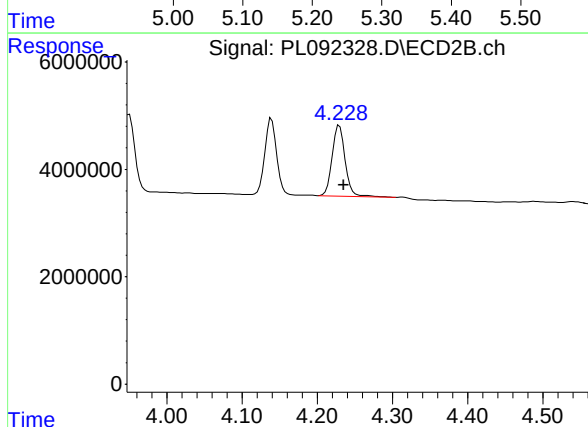
#5 Aldrin

R.T.: 5.258 min
Delta R.T.: -0.004 min
Response: 15904405
Conc: 5.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2024

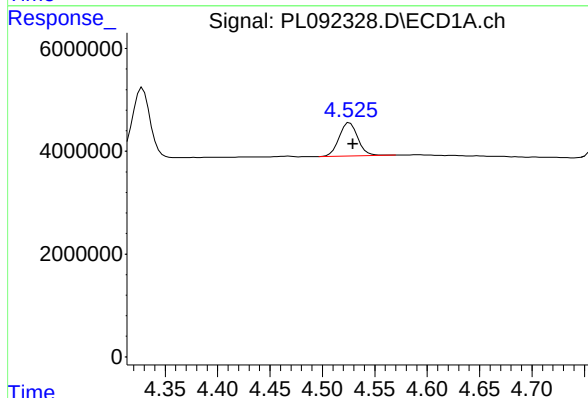
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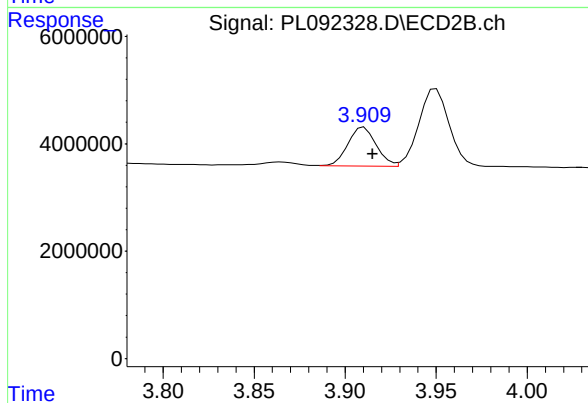
#5 Aldrin

R.T.: 4.229 min
Delta R.T.: -0.006 min
Response: 15907112
Conc: 4.68 ng/ml



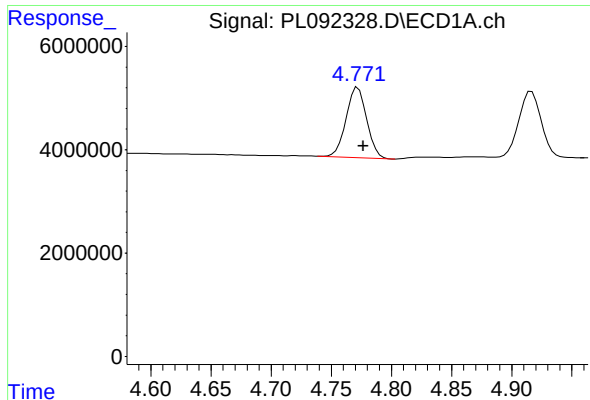
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: -0.003 min
Response: 8085257
Conc: 6.10 ng/ml



#6 beta-BHC

R.T.: 3.910 min
Delta R.T.: -0.005 min
Response: 7868393
Conc: 5.23 ng/ml



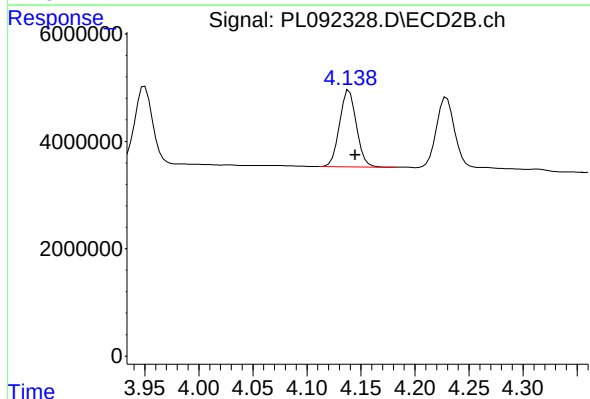
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: -0.004 min
Response: 16284387
Conc: 5.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2024

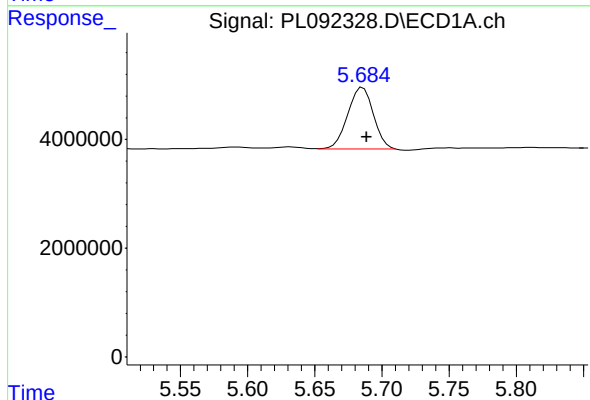
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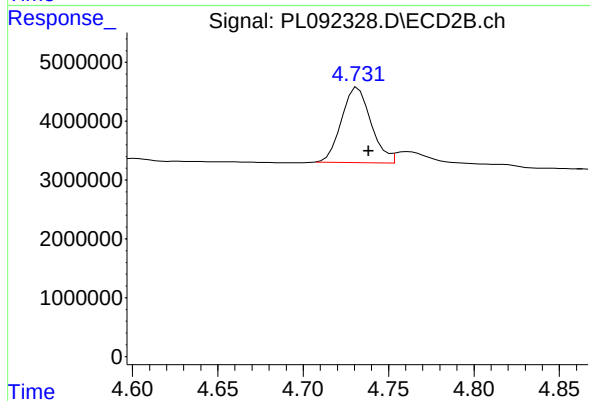
#7 delta-BHC

R.T.: 4.139 min
Delta R.T.: -0.006 min
Response: 15665614
Conc: 4.51 ng/ml



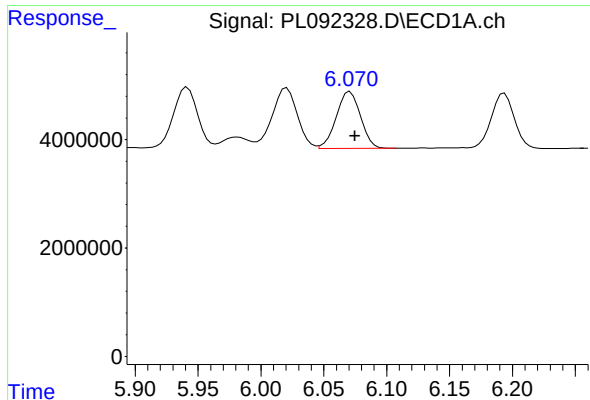
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: -0.004 min
Response: 15085610
Conc: 5.93 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.732 min
Delta R.T.: -0.006 min
Response: 15332745
Conc: 5.07 ng/ml



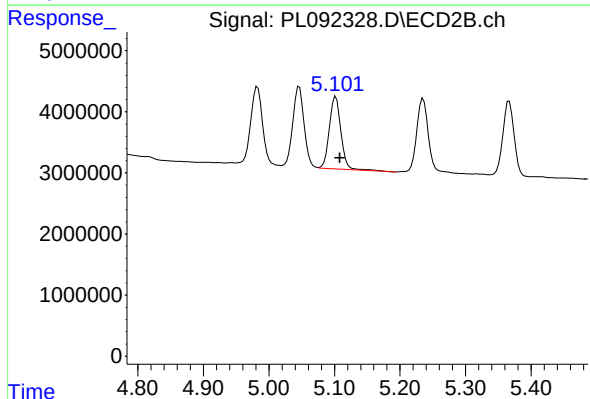
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 13968634
Conc: 6.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2024

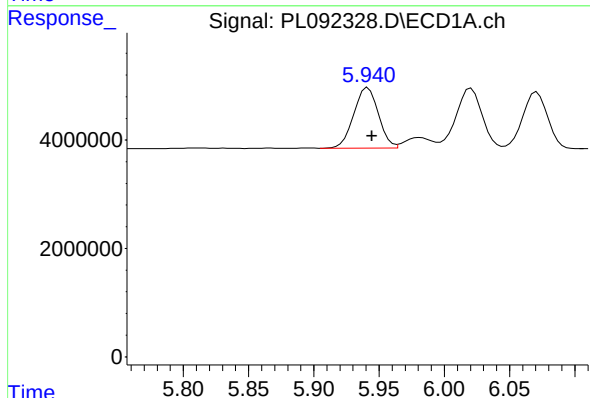
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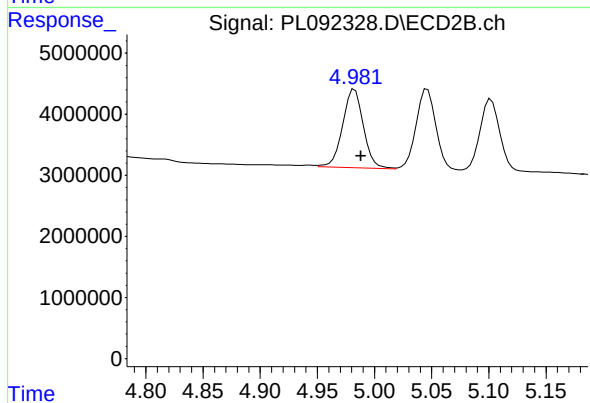
#9 Endosulfan I

R.T.: 5.102 min
Delta R.T.: -0.006 min
Response: 14763951
Conc: 5.38 ng/ml



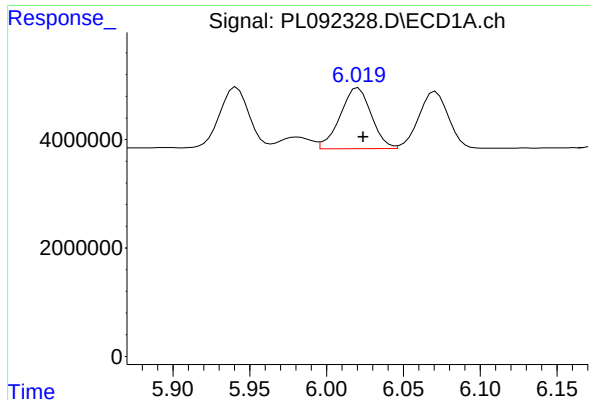
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.004 min
Response: 14896923
Conc: 6.03 ng/ml m



#10 gamma-Chlordane

R.T.: 4.983 min
Delta R.T.: -0.006 min
Response: 16256461
Conc: 5.40 ng/ml



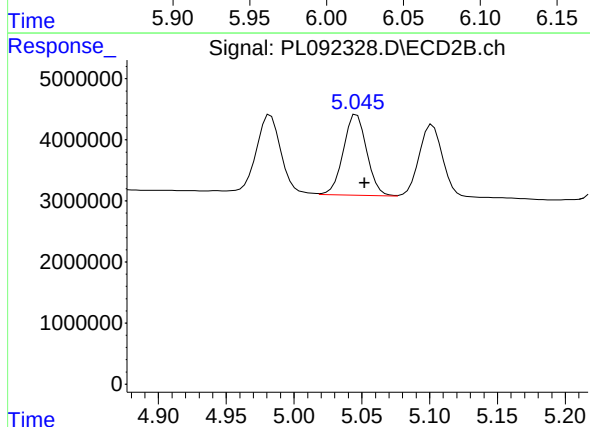
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: -0.003 min
Response: 15774533
Conc: 6.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2024

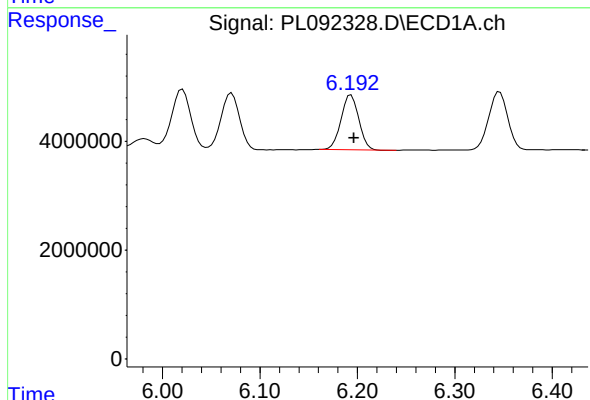
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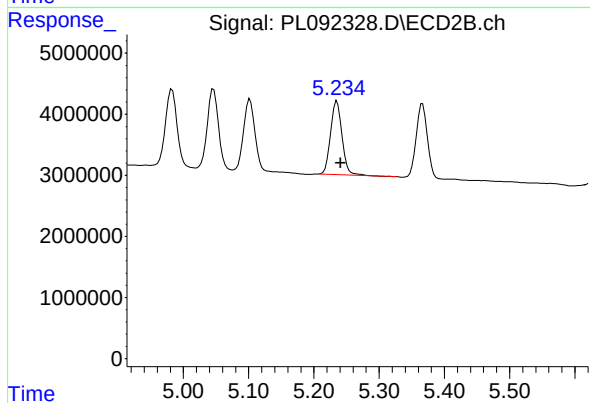
#11 alpha-Chlordane

R.T.: 5.046 min
Delta R.T.: -0.006 min
Response: 15891395
Conc: 5.31 ng/ml



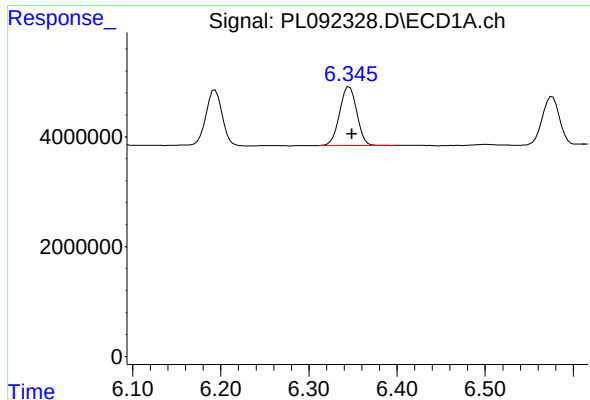
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.003 min
Response: 12747384
Conc: 5.89 ng/ml



#12 4,4'-DDE

R.T.: 5.235 min
Delta R.T.: -0.006 min
Response: 14591296
Conc: 5.25 ng/ml



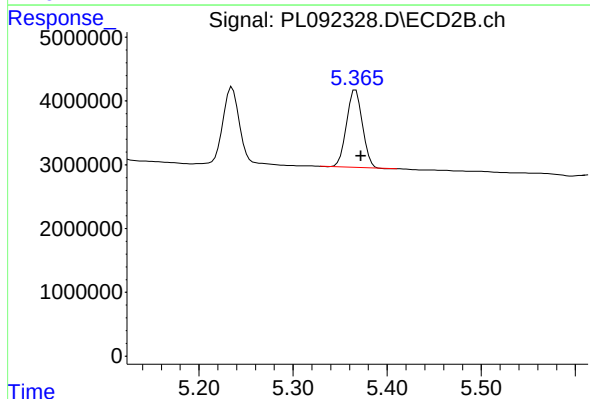
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.003 min
Response: 14610798
Conc: 5.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2024

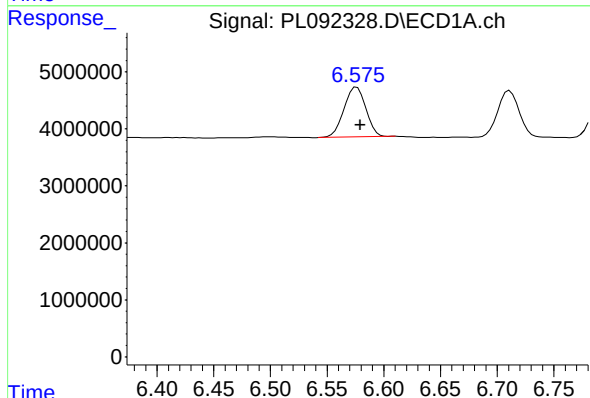
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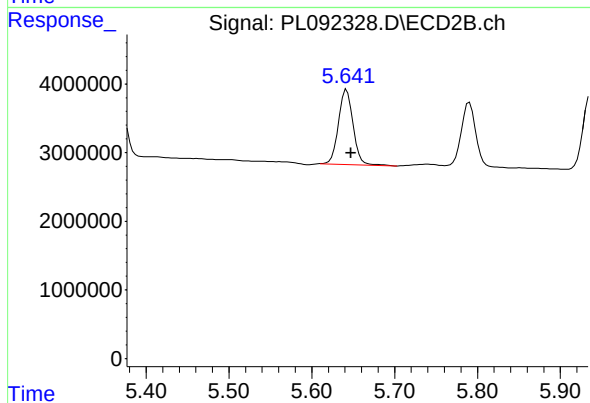
#13 Dieldrin

R.T.: 5.367 min
Delta R.T.: -0.006 min
Response: 14193517
Conc: 4.84 ng/ml



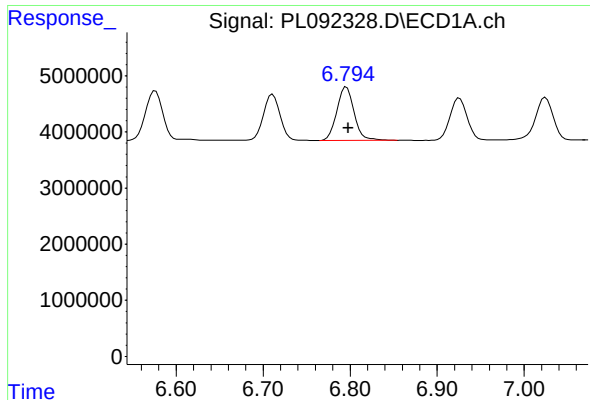
#14 Endrin

R.T.: 6.576 min
Delta R.T.: -0.003 min
Response: 11781480
Conc: 5.72 ng/ml



#14 Endrin

R.T.: 5.642 min
Delta R.T.: -0.005 min
Response: 13476024
Conc: 5.14 ng/ml



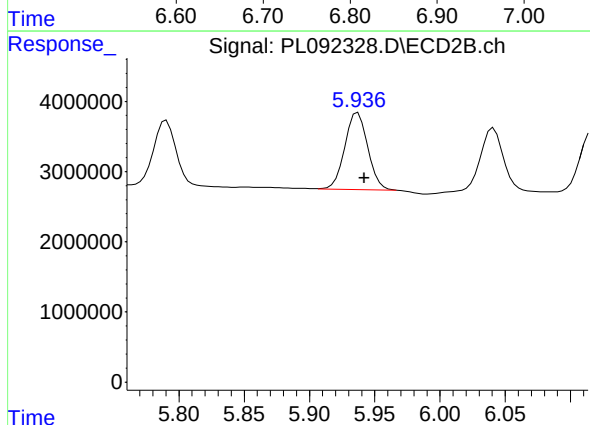
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: -0.002 min
Response: 13163120
Conc: 5.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2024

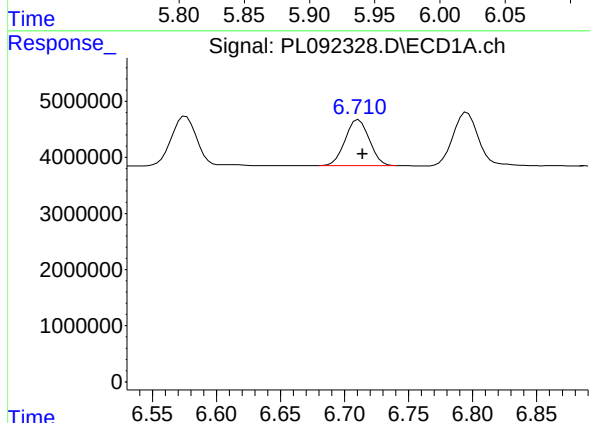
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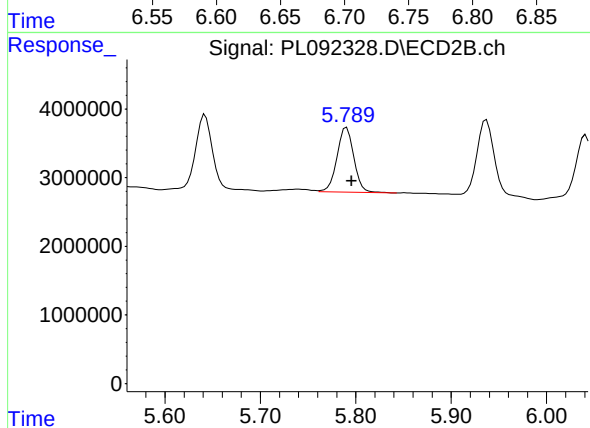
#15 Endosulfan II

R.T.: 5.936 min
Delta R.T.: -0.006 min
Response: 13467700
Conc: 5.38 ng/ml m



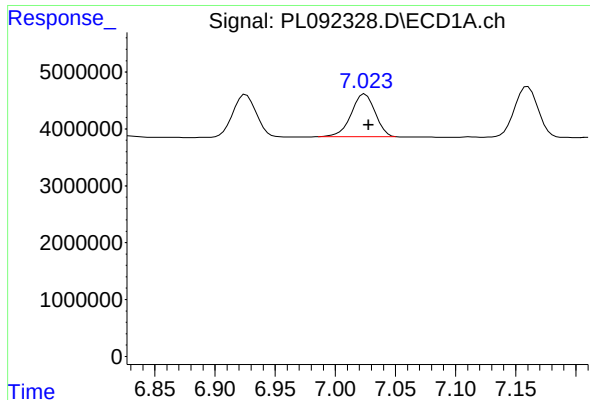
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: -0.004 min
Response: 10820170
Conc: 6.03 ng/ml m



#16 4,4'-DDD

R.T.: 5.790 min
Delta R.T.: -0.005 min
Response: 11611796
Conc: 5.44 ng/ml



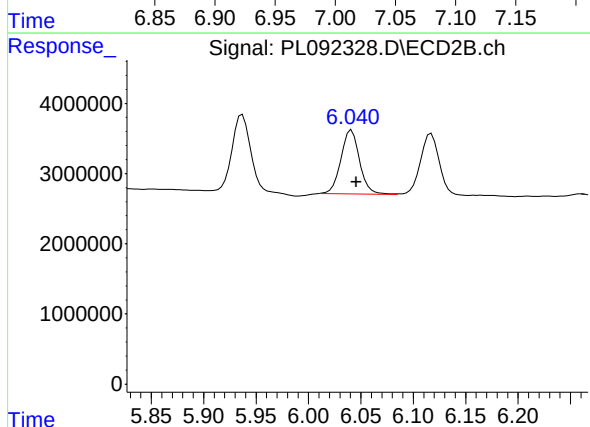
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: -0.005 min
Response: 10479098
Conc: 5.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2024

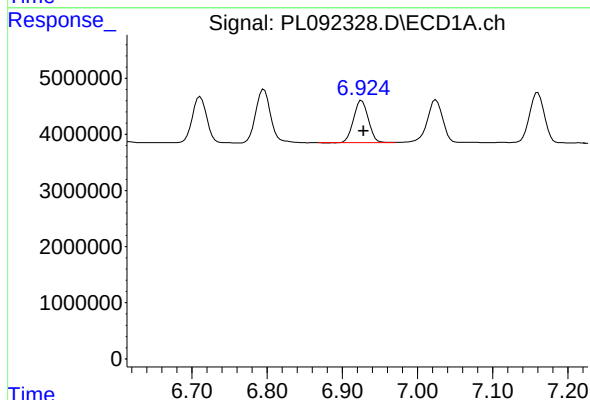
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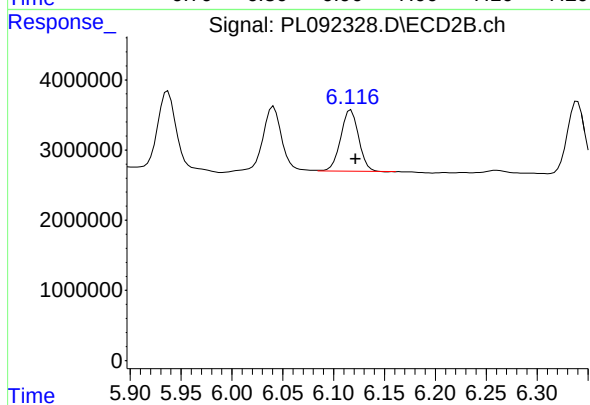
#17 4,4'-DDT

R.T.: 6.041 min
Delta R.T.: -0.005 min
Response: 11270009
Conc: 4.87 ng/ml



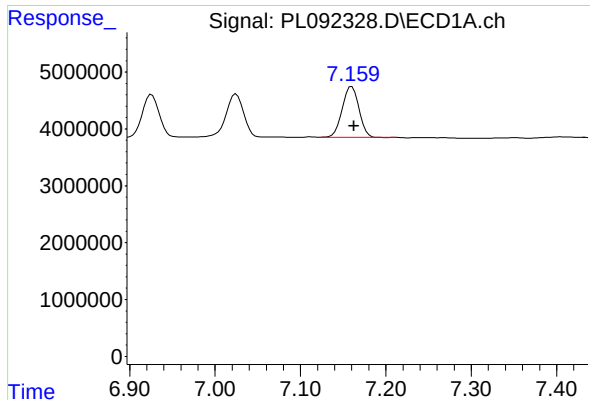
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: -0.002 min
Response: 10276951
Conc: 5.90 ng/ml



#18 Endrin aldehyde

R.T.: 6.117 min
Delta R.T.: -0.004 min
Response: 10713588
Conc: 5.25 ng/ml



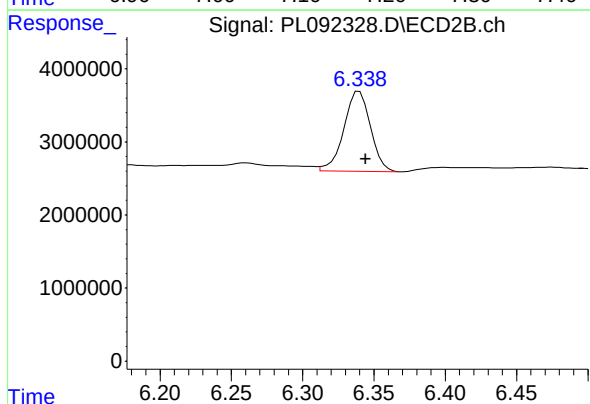
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: -0.003 min
Response: 12129535
Conc: 6.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2024

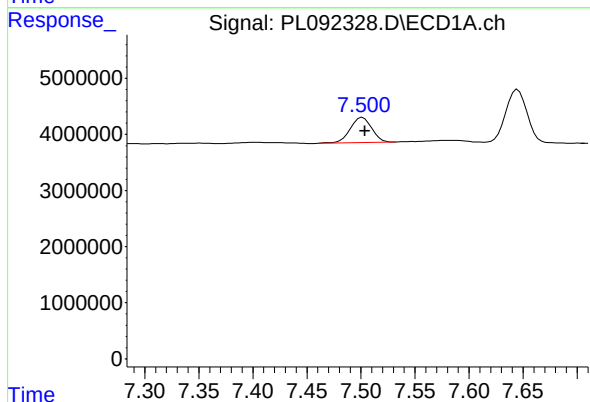
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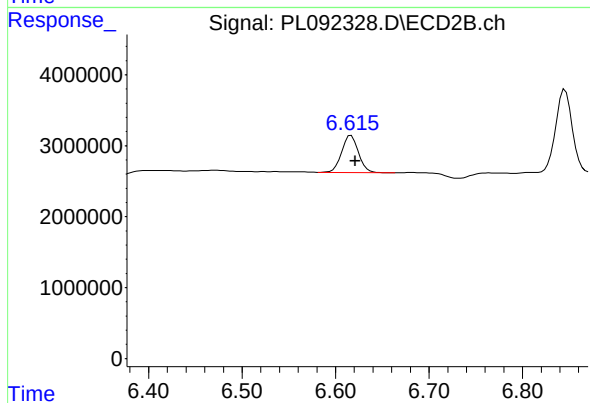
#19 Endosulfan Sulfate

R.T.: 6.338 min
Delta R.T.: -0.006 min
Response: 14233154
Conc: 5.90 ng/ml m



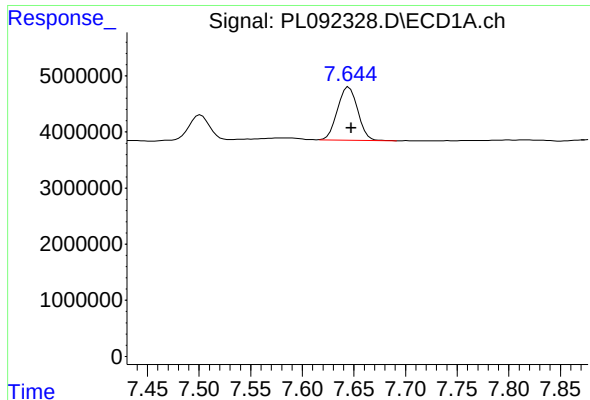
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.002 min
Response: 6205876
Conc: 6.32 ng/ml



#20 Methoxychlor

R.T.: 6.617 min
Delta R.T.: -0.004 min
Response: 6515240
Conc: 5.21 ng/ml



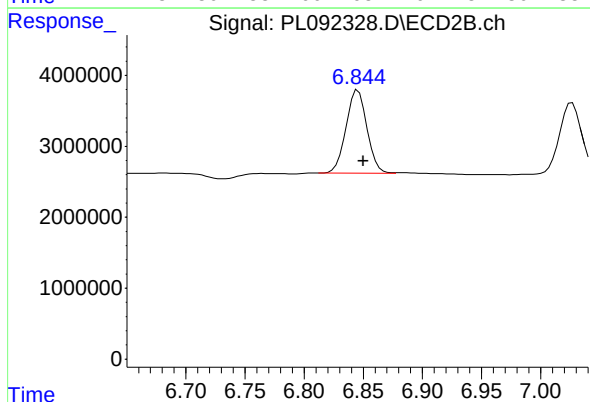
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: -0.002 min
Response: 12944749
Conc: 5.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2024

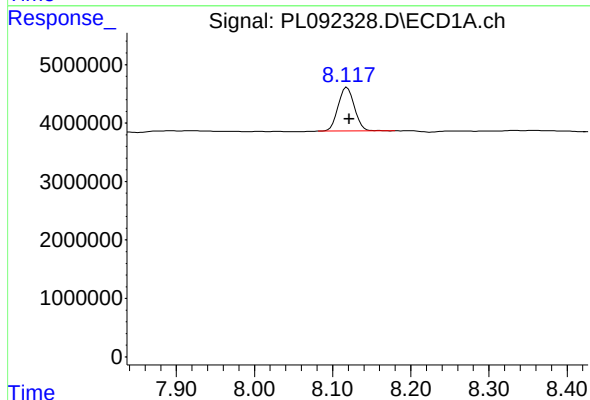
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



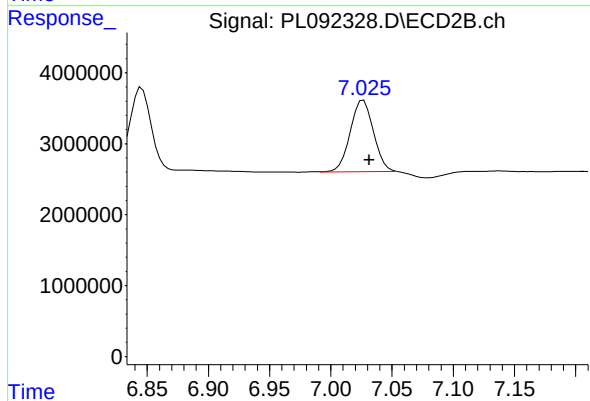
#21 Endrin ketone

R.T.: 6.846 min
Delta R.T.: -0.004 min
Response: 14411347
Conc: 5.20 ng/ml



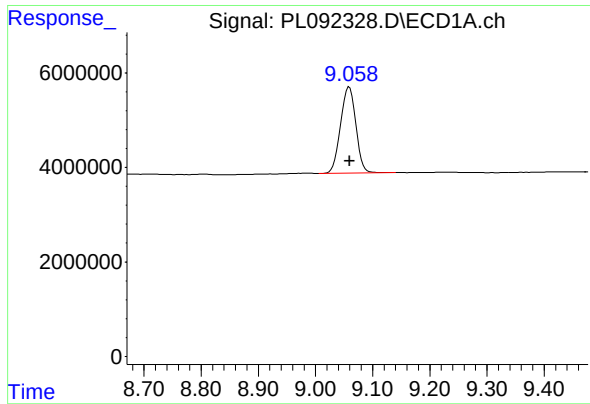
#22 Mirex

R.T.: 8.118 min
Delta R.T.: -0.003 min
Response: 10893208
Conc: 6.05 ng/ml



#22 Mirex

R.T.: 7.025 min
Delta R.T.: -0.006 min
Response: 13316062
Conc: 5.47 ng/ml m



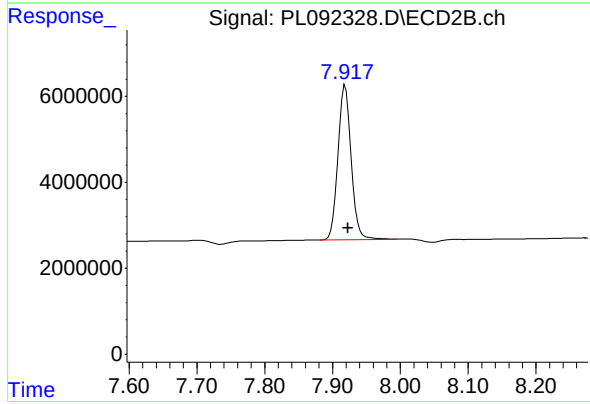
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.001 min
Response: 33779966
Conc: 20.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.919 min
Delta R.T.: -0.004 min
Response: 49261380
Conc: 19.69 ng/ml