

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
 Data File : PL092326.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2024 10:49
 Operator : AR\AJ
 Sample : P4368-07
 Misc : PEST LOD 2.5PPB WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-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 14 07:15:42 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...	3.547	2.779	40790564	43912299	18.336	17.508
28) SA Decachlor...	9.064	7.921	33643879	47754509	20.537	19.087
Target Compounds						
2) A alpha-BHC	4.002	3.282	8526236	7730537	2.753	2.122
3) MA gamma-BHC...	4.335	3.613	8642521	7658045	2.789	2.169
4) MA Heptachlor	4.923	3.953	8497360	8637953	3.073m	2.503
5) MB Aldrin	5.264	4.233	7883684	7984078	2.838m	2.347
6) B beta-BHC	4.533	3.913	3813194	4057120	2.875	2.699
7) B delta-BHC	4.780	4.142	8245690	7804921	2.859	2.248
8) B Heptachlo...	5.691	4.735	8316993	7345043	3.268	2.430 #
9) A Endosulfan I	6.076	5.106	7009086	7067026	3.030m	2.575
10) B gamma-Chl...	5.947	4.985	7578503	7642428	3.067	2.540
11) B alpha-Chl...	6.027	5.049	8072248	7530565	3.277	2.516
12) B 4,4'-DDE	6.199	5.238	6296856	6249349	2.909	2.249
13) MA Dieldrin	6.352	5.370	7320548	6770854	3.002	2.309
14) MA Endrin	6.580	5.645	5976124	6489518	2.900m	2.475
15) B Endosulfa...	6.802	5.940	7423699	6563106	3.375	2.623
16) A 4,4'-DDD	6.717	5.793	5653566	5363654	3.148	2.511
17) MA 4,4'-DDT	7.031	6.044	5887812	5335704	3.198	2.307 #
18) B Endrin al...	6.931	6.120	5471857	5006681	3.140	2.453
19) B Endosulfa...	7.164	6.343	6122622	6640684	3.089m	2.753
20) A Methoxychlor	7.507	6.619	3087008	3197779	3.145	2.558
21) B Endrin ke...	7.649	6.848	6593239	6877015	3.000m	2.484
22) Mirex	8.124	7.028	5630662	6643996	3.126	2.731m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
Data File : PL092326.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 10:49
Operator : AR\AJ
Sample : P4368-07
Misc : PEST LOD 2.5PPB WATER
ALS Vial : 9 Sample Multiplier: 1

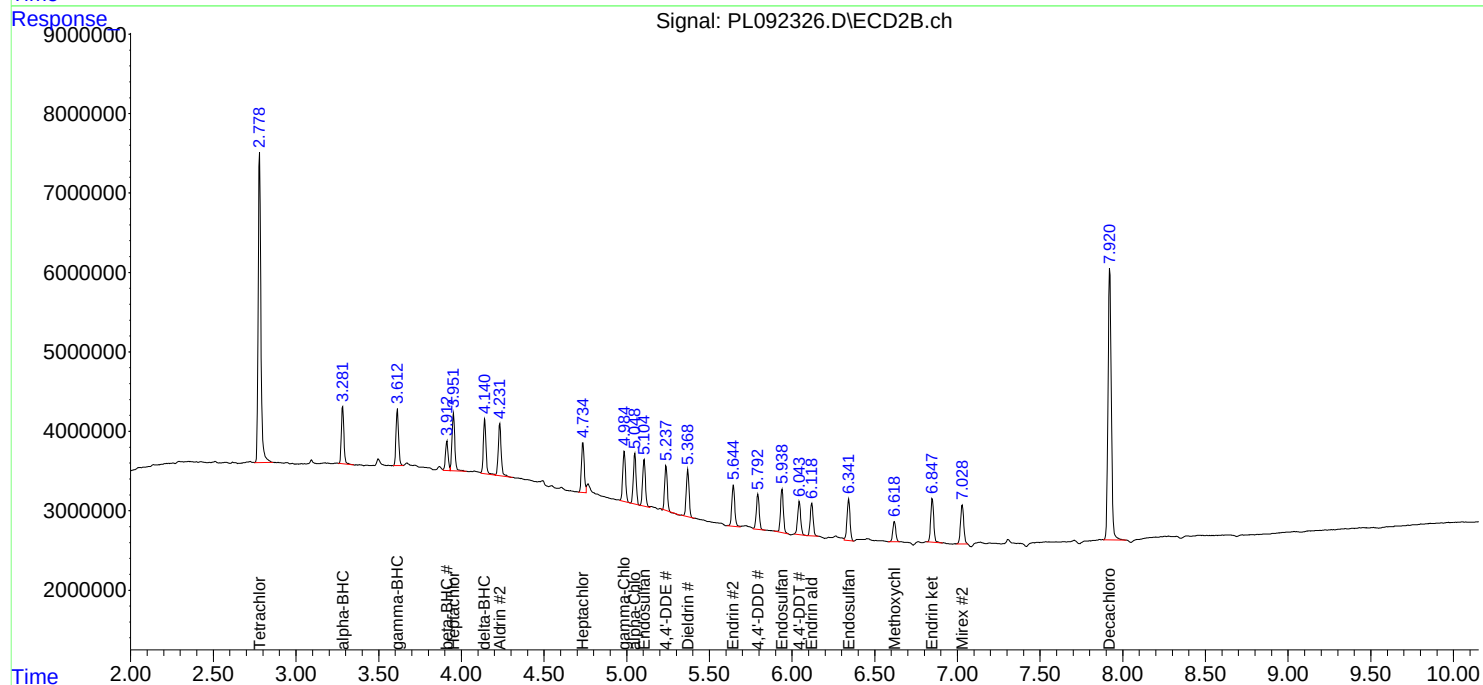
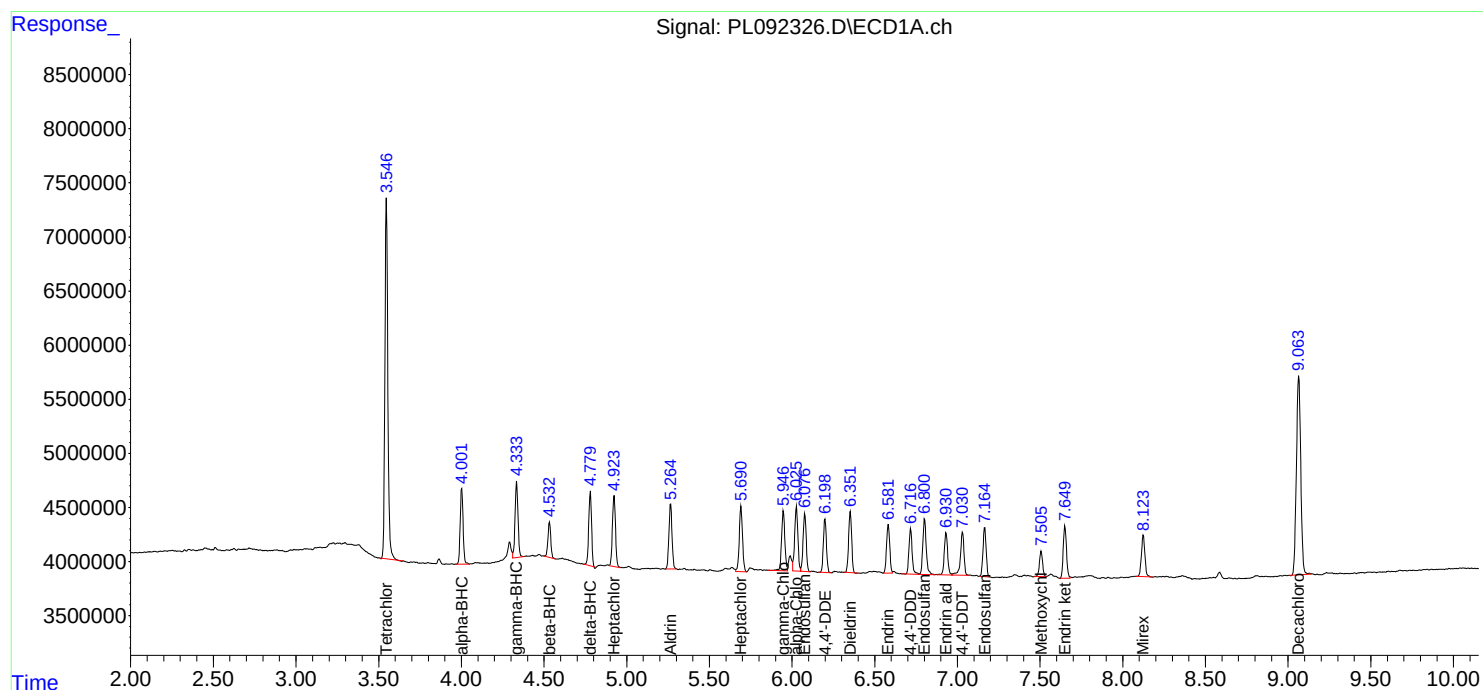
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

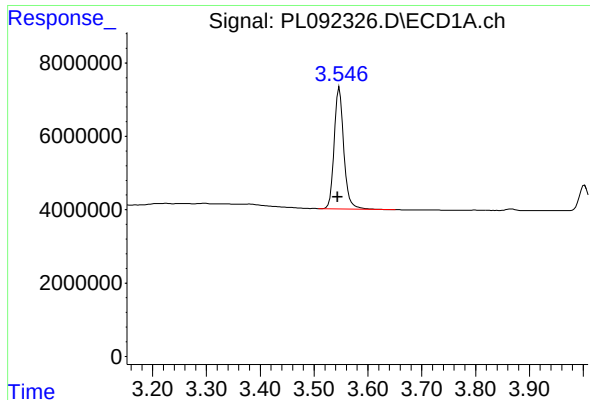
Manual Integrations
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Supervised By : Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 07:15:42 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





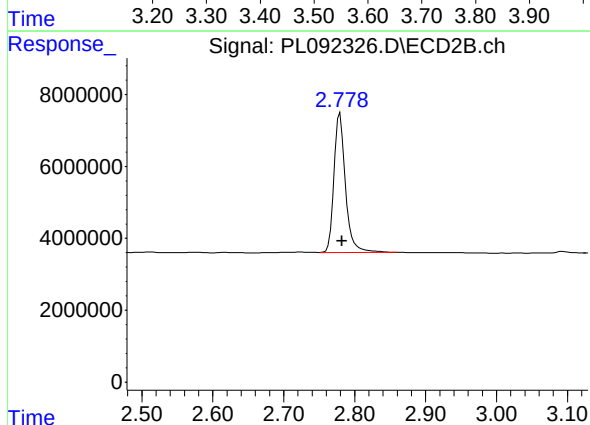
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.003 min
Response: 40790564
Conc: 18.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
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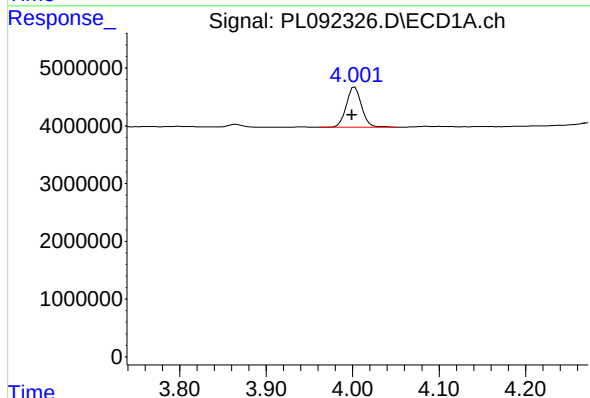
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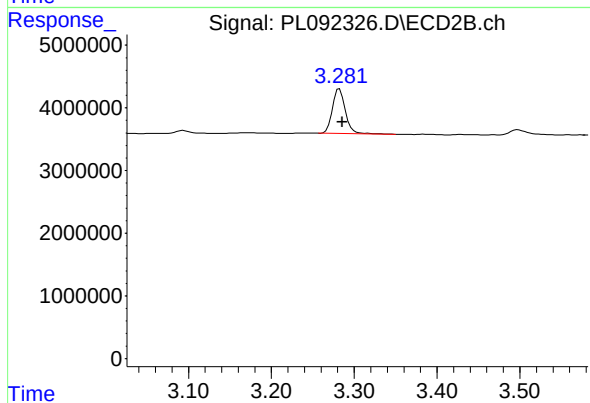
#1 Tetrachloro-m-xylene

R.T.: 2.779 min
Delta R.T.: -0.003 min
Response: 43912299
Conc: 17.51 ng/ml



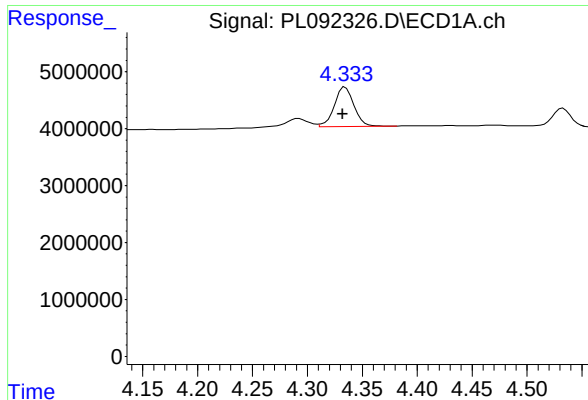
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.003 min
Response: 8526236
Conc: 2.75 ng/ml



#2 alpha-BHC

R.T.: 3.282 min
Delta R.T.: -0.003 min
Response: 7730537
Conc: 2.12 ng/ml



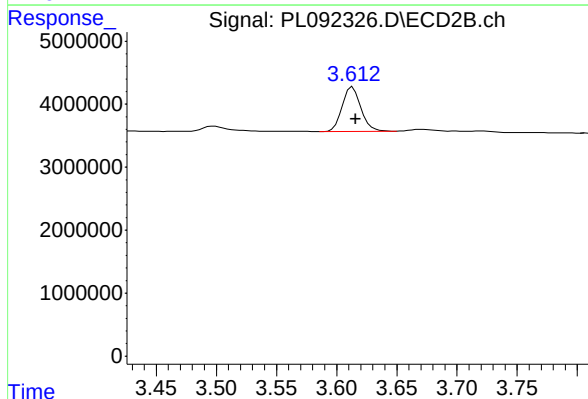
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.002 min
Response: 8642521
Conc: 2.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

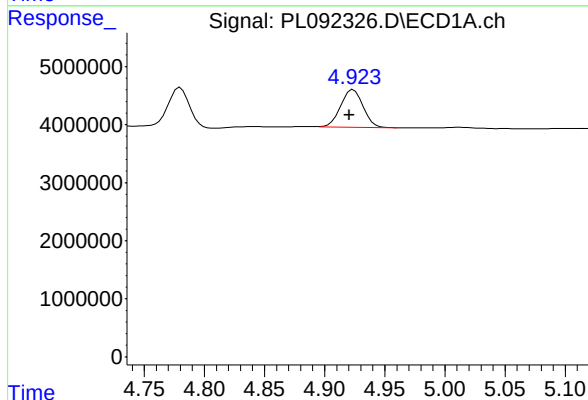
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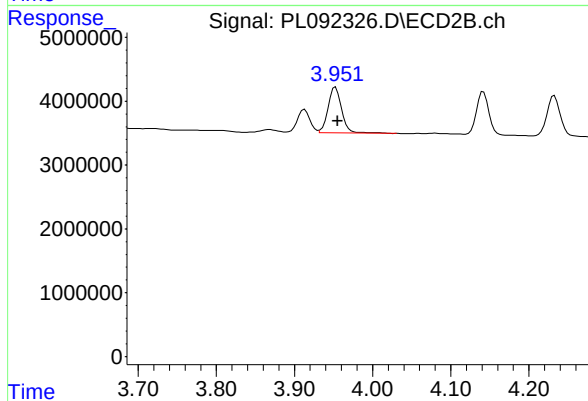
#3 gamma-BHC (Lindane)

R.T.: 3.613 min
Delta R.T.: -0.003 min
Response: 7658045
Conc: 2.17 ng/ml



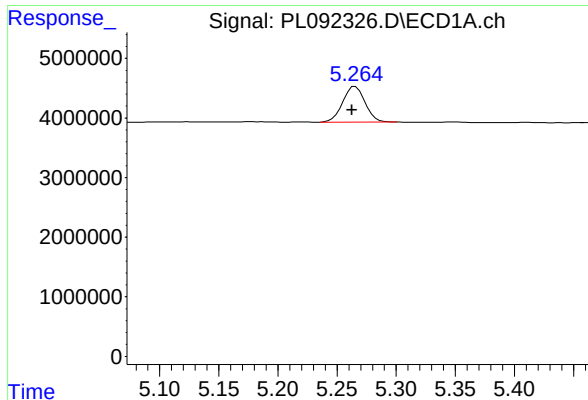
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.002 min
Response: 8497360
Conc: 3.07 ng/ml m



#4 Heptachlor

R.T.: 3.953 min
Delta R.T.: -0.002 min
Response: 8637953
Conc: 2.50 ng/ml



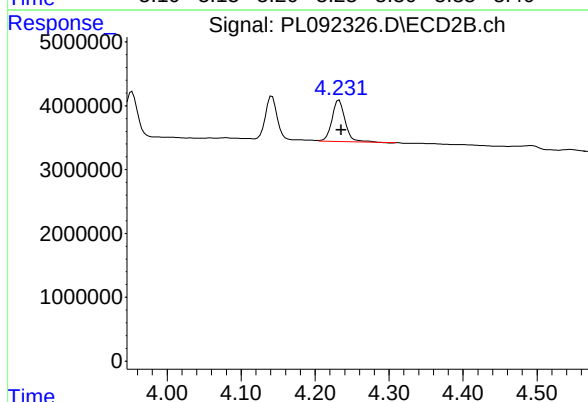
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: 0.001 min
Response: 7883684
Conc: 2.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

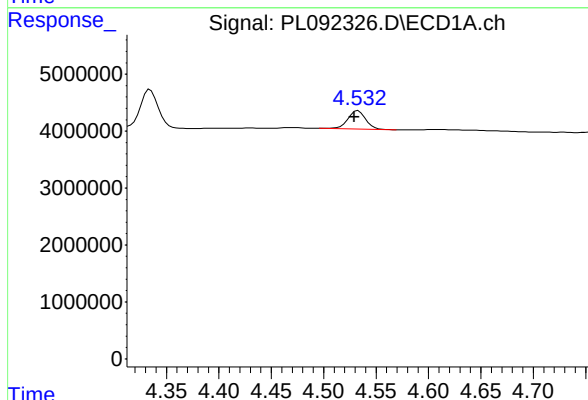
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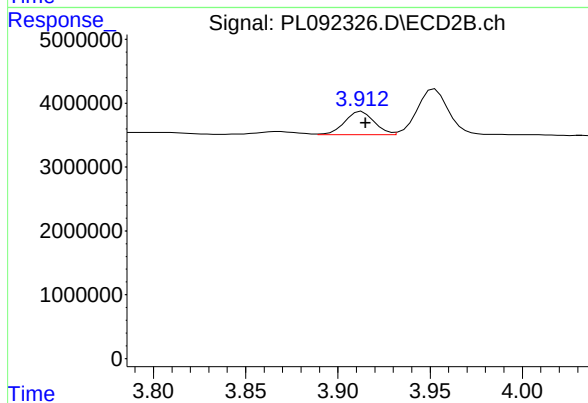
#5 Aldrin

R.T.: 4.233 min
Delta R.T.: -0.003 min
Response: 7984078
Conc: 2.35 ng/ml



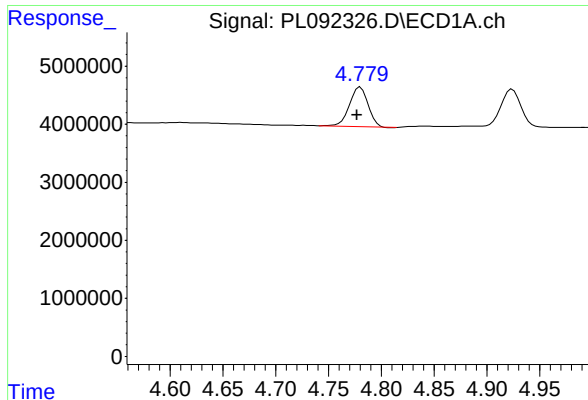
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.004 min
Response: 3813194
Conc: 2.87 ng/ml



#6 beta-BHC

R.T.: 3.913 min
Delta R.T.: -0.002 min
Response: 4057120
Conc: 2.70 ng/ml



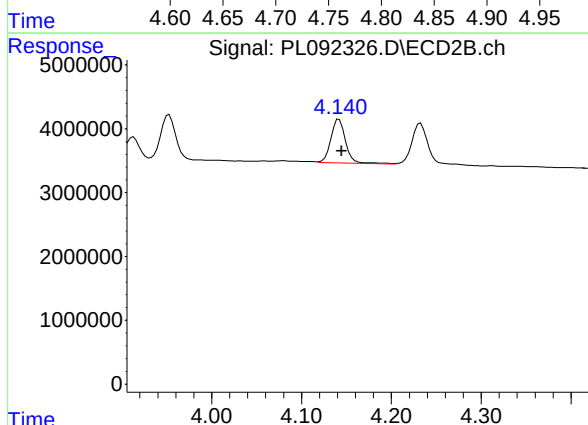
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.003 min
Response: 8245690
Conc: 2.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

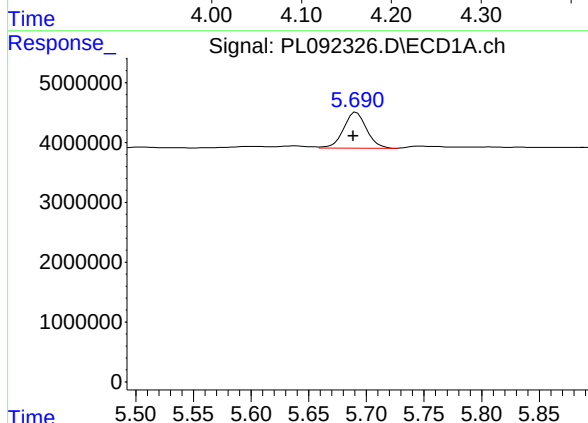
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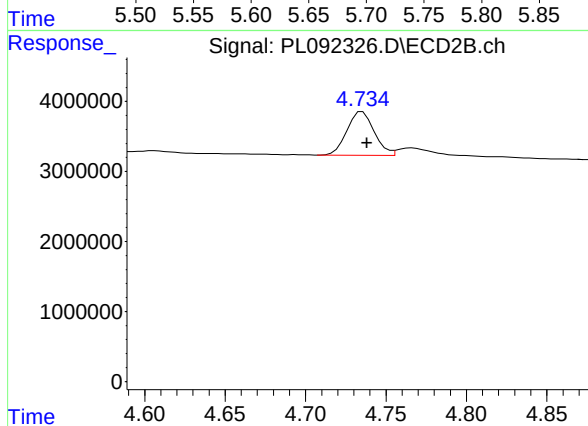
#7 delta-BHC

R.T.: 4.142 min
Delta R.T.: -0.003 min
Response: 7804921
Conc: 2.25 ng/ml



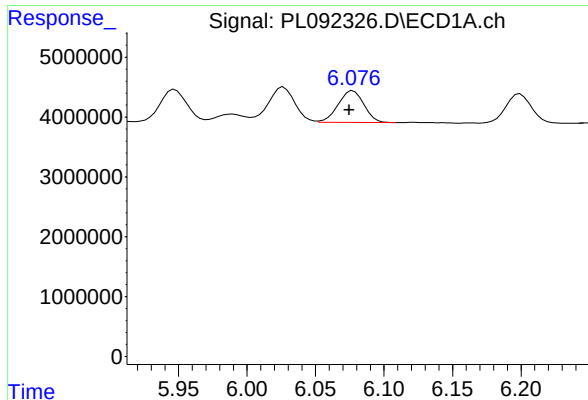
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.002 min
Response: 8316993
Conc: 3.27 ng/ml



#8 Heptachlor epoxide

R.T.: 4.735 min
Delta R.T.: -0.003 min
Response: 7345043
Conc: 2.43 ng/ml



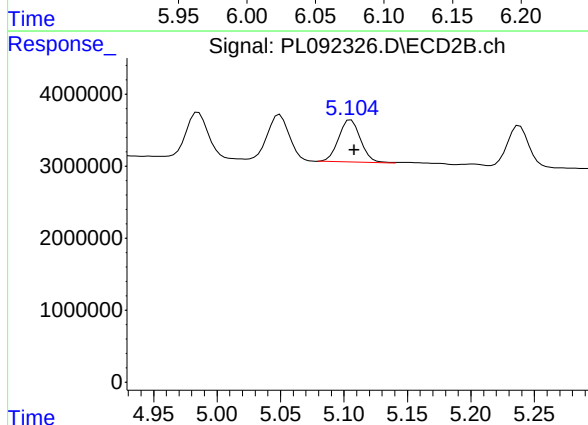
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.001 min
Response: 7009086
Conc: 3.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

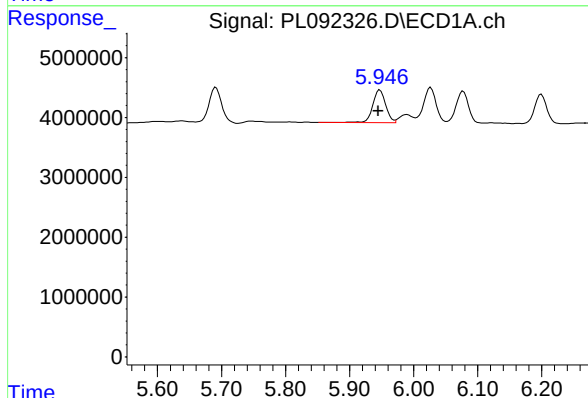
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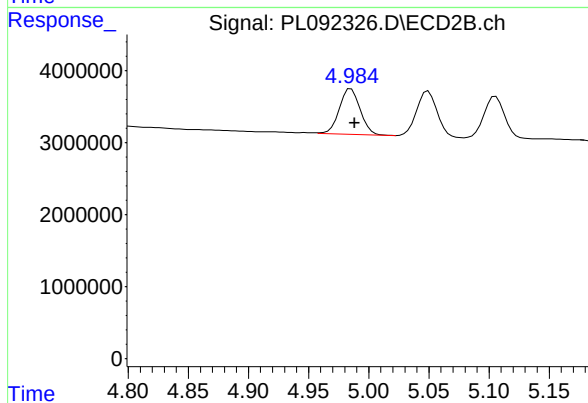
#9 Endosulfan I

R.T.: 5.106 min
Delta R.T.: -0.003 min
Response: 7067026
Conc: 2.57 ng/ml



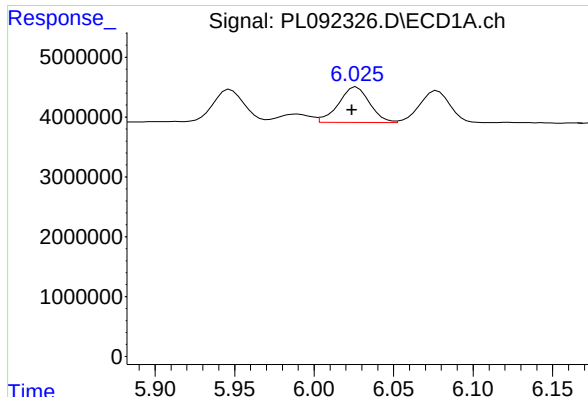
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.003 min
Response: 7578503
Conc: 3.07 ng/ml



#10 gamma-Chlordane

R.T.: 4.985 min
Delta R.T.: -0.003 min
Response: 7642428
Conc: 2.54 ng/ml



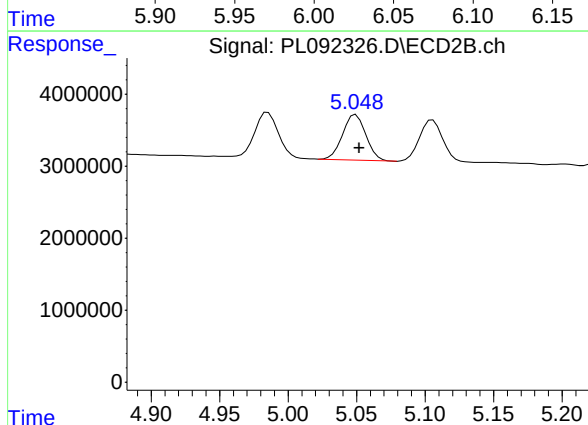
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.003 min
Response: 8072248
Conc: 3.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

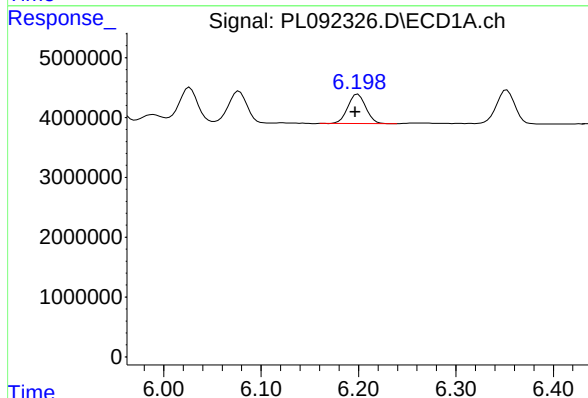
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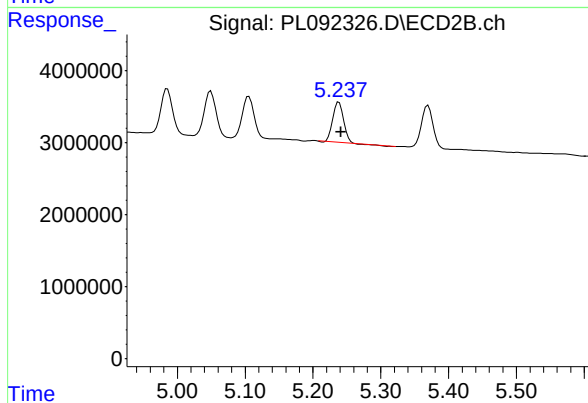
#11 alpha-Chlordane

R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 7530565
Conc: 2.52 ng/ml



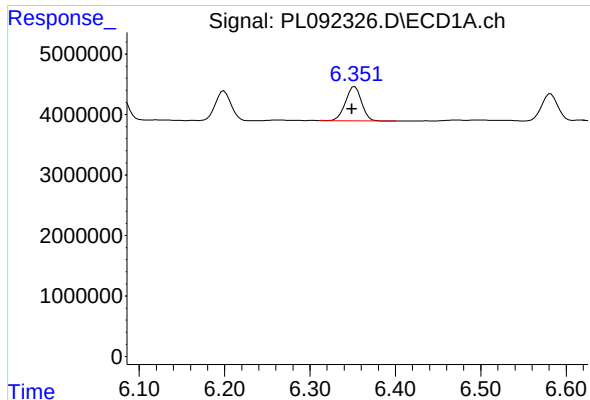
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.003 min
Response: 6296856
Conc: 2.91 ng/ml



#12 4,4'-DDE

R.T.: 5.238 min
Delta R.T.: -0.003 min
Response: 6249349
Conc: 2.25 ng/ml



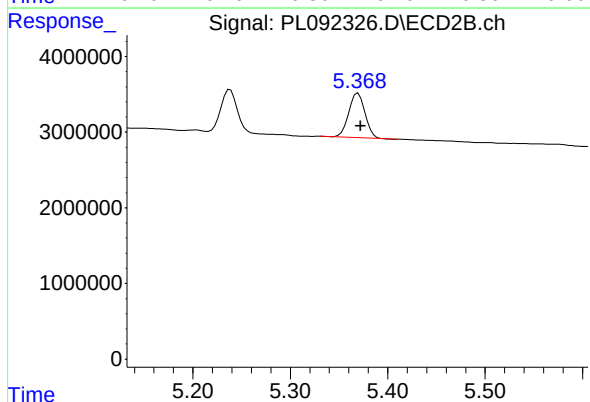
#13 Dieldrin

R.T.: 6.352 min
Delta R.T.: 0.003 min
Response: 7320548
Conc: 3.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
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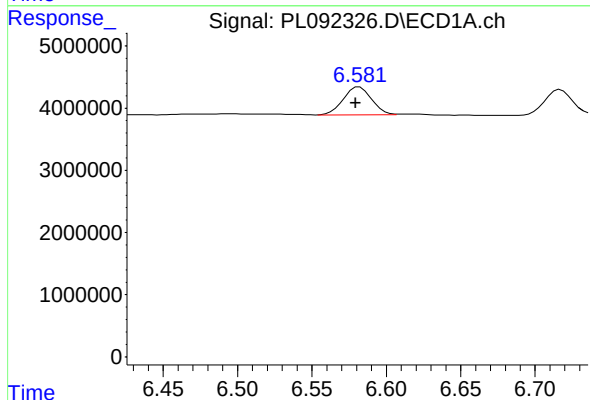
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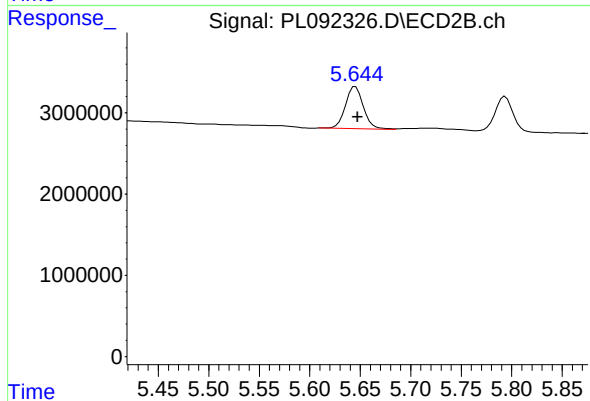
#13 Dieldrin

R.T.: 5.370 min
Delta R.T.: -0.003 min
Response: 6770854
Conc: 2.31 ng/ml



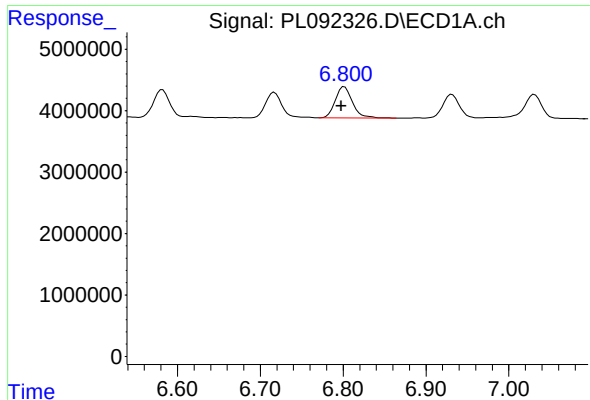
#14 Endrin

R.T.: 6.580 min
Delta R.T.: 0.001 min
Response: 5976124
Conc: 2.90 ng/ml m



#14 Endrin

R.T.: 5.645 min
Delta R.T.: -0.002 min
Response: 6489518
Conc: 2.47 ng/ml



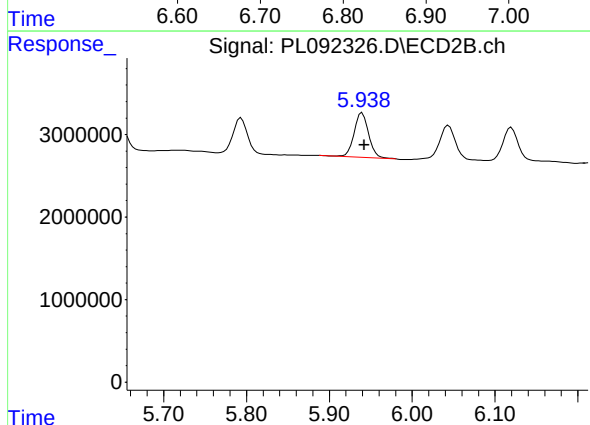
#15 Endosulfan II

R.T.: 6.802 min
Delta R.T.: 0.004 min
Response: 7423699
Conc: 3.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
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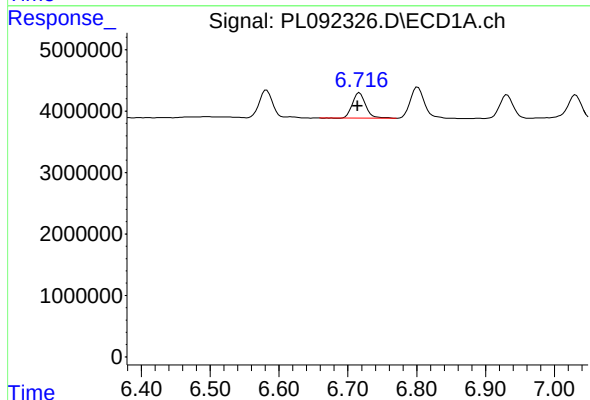
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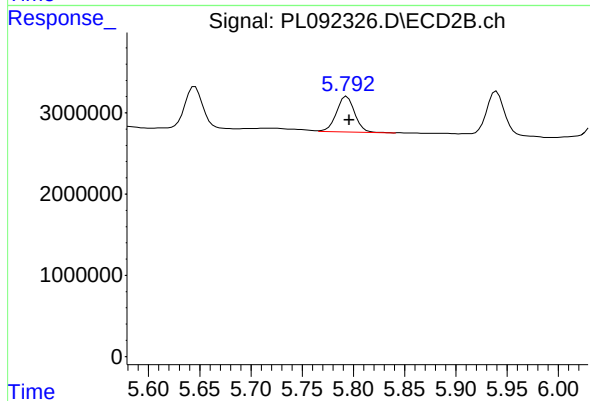
#15 Endosulfan II

R.T.: 5.940 min
Delta R.T.: -0.002 min
Response: 6563106
Conc: 2.62 ng/ml



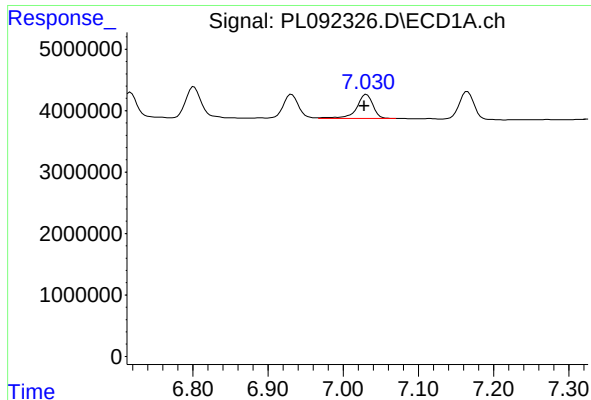
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: 0.003 min
Response: 5653566
Conc: 3.15 ng/ml



#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: -0.002 min
Response: 5363654
Conc: 2.51 ng/ml



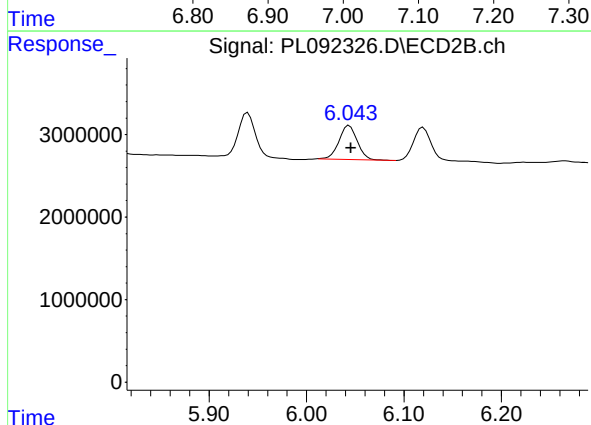
#17 4,4'-DDT

R.T.: 7.031 min
Delta R.T.: 0.003 min
Response: 5887812
Conc: 3.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

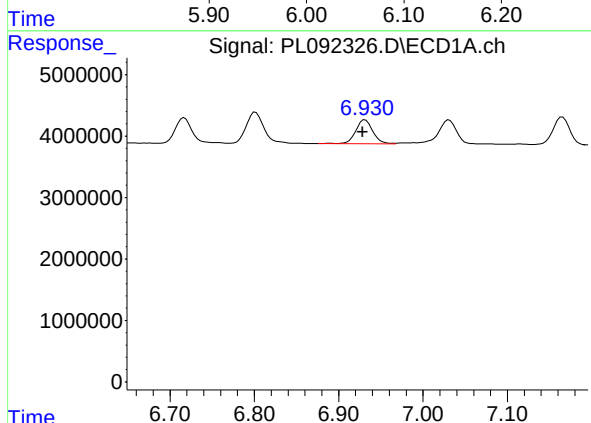
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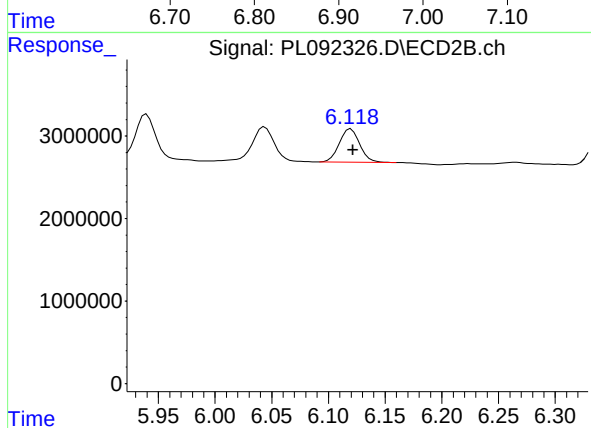
#17 4,4'-DDT

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 5335704
Conc: 2.31 ng/ml



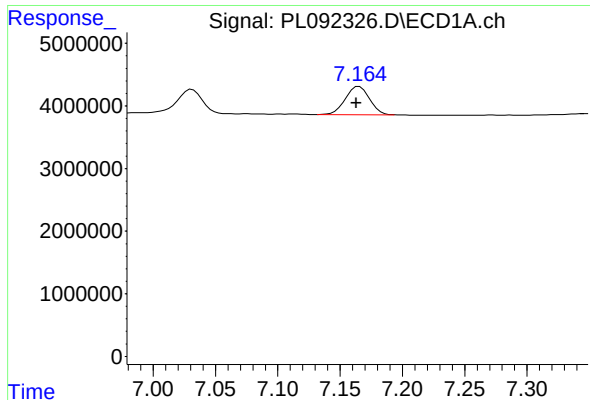
#18 Endrin aldehyde

R.T.: 6.931 min
Delta R.T.: 0.003 min
Response: 5471857
Conc: 3.14 ng/ml



#18 Endrin aldehyde

R.T.: 6.120 min
Delta R.T.: -0.002 min
Response: 5006681
Conc: 2.45 ng/ml



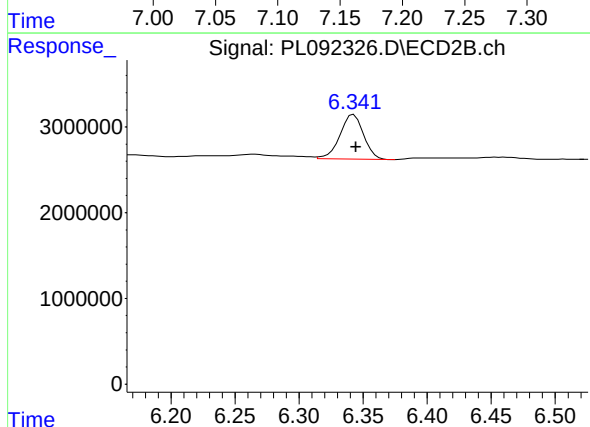
#19 Endosulfan Sulfate

R.T.: 7.164 min
Delta R.T.: 0.001 min
Response: 6122622
Conc: 3.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

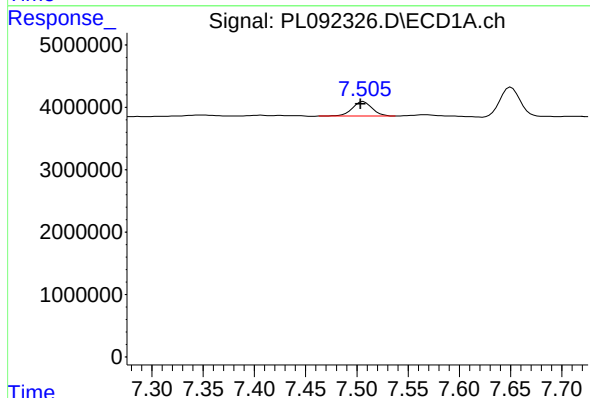
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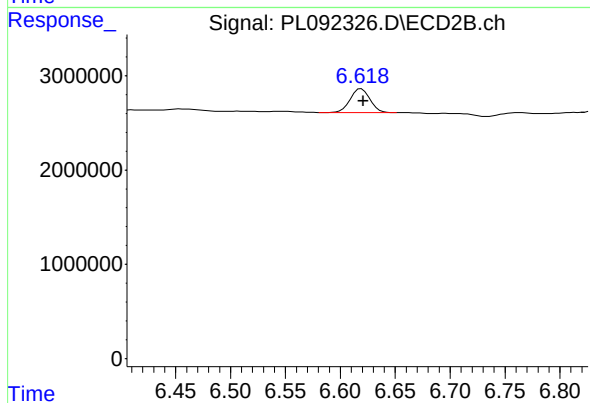
#19 Endosulfan Sulfate

R.T.: 6.343 min
Delta R.T.: -0.002 min
Response: 6640684
Conc: 2.75 ng/ml



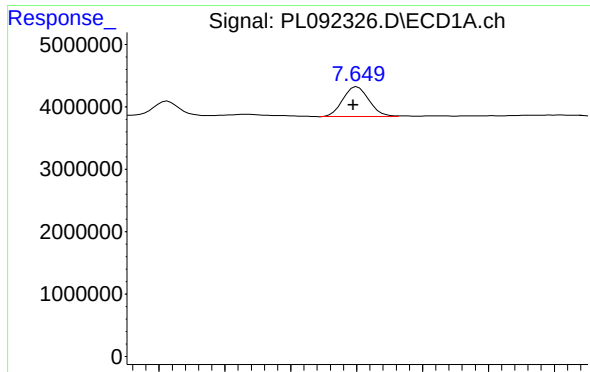
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.003 min
Response: 3087008
Conc: 3.14 ng/ml



#20 Methoxychlor

R.T.: 6.619 min
Delta R.T.: -0.002 min
Response: 3197779
Conc: 2.56 ng/ml



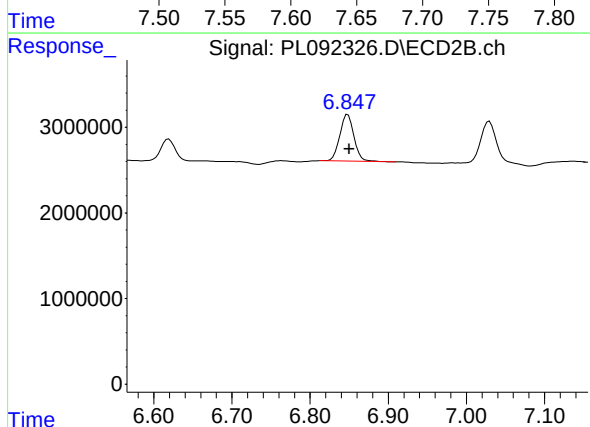
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.002 min
Response: 6593239
Conc: 3.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

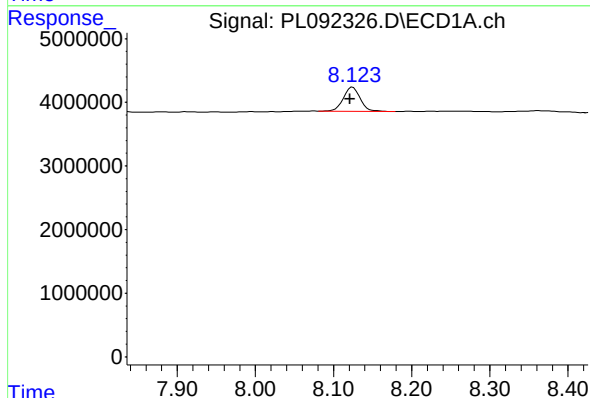
Manual Integrations
APPROVED

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



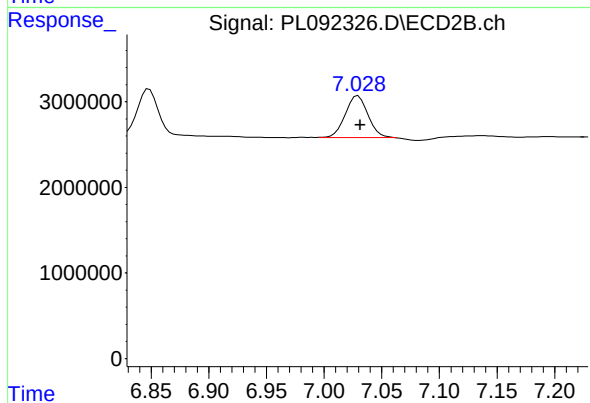
#21 Endrin ketone

R.T.: 6.848 min
Delta R.T.: -0.002 min
Response: 6877015
Conc: 2.48 ng/ml



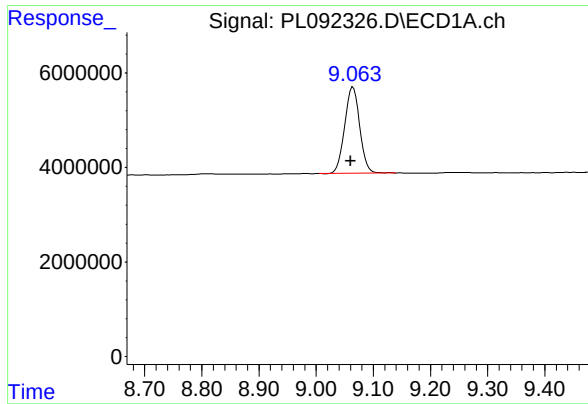
#22 Mirex

R.T.: 8.124 min
Delta R.T.: 0.003 min
Response: 5630662
Conc: 3.13 ng/ml



#22 Mirex

R.T.: 7.028 min
Delta R.T.: -0.003 min
Response: 6643996
Conc: 2.73 ng/ml m



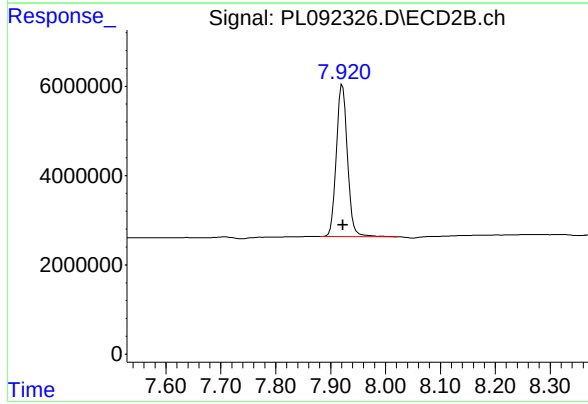
#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.004 min
Response: 33643879
Conc: 20.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.921 min
Delta R.T.: -0.001 min
Response: 47754509
Conc: 19.09 ng/ml