

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
 Data File : PL092324.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2024 10:12
 Operator : AR\AJ
 Sample : P4368-07
 Misc : PEST LOD 1PPB WATER
 ALS Vial : 7 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 07:40:54 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	2.780	41707497	44601249	18.748	17.783
28)	SA Decachlor...	9.065	7.922	34377629	47951919	20.985	19.166
Target Compounds							
2)	A alpha-BHC	4.003	3.281	3550250	3199883	1.147	0.878m
3)	MA gamma-BHC...	4.336	3.613	3782168	3154534	1.221	0.893 #
4)	MA Heptachlor	4.924	3.953	3532371	3530374	1.277	1.023
5)	MB Aldrin	5.265	4.233	3202770	3432463	1.153m	1.009
6)	B beta-BHC	4.533	3.913	1662669	1864044	1.254	1.240
7)	B delta-BHC	4.780	4.142	4284388	3224859	1.485	0.929 #
8)	B Heptachlo...	5.692	4.736	3688265	2848769	1.449	0.942 #
9)	A Endosulfan I	6.078	5.106	2914818	2960723	1.260	1.079
10)	B gamma-Chl...	5.947	4.985	2722527	2942809	1.102m	0.978m
11)	B alpha-Chl...	6.026	5.050	3274580	3082297	1.329m	1.030
12)	B 4,4'-DDE	6.200	5.239	2602421	2740773	1.202	0.986
13)	MA Dieldrin	6.351	5.370	3153655	2632406	1.293m	0.898 #
14)	MA Endrin	6.581	5.646	2271680	2720225	1.102m	1.037
15)	B Endosulfa...	6.801	5.941	3468488	2488121	1.577m	0.994 #
16)	A 4,4'-DDD	6.716	5.794	2349412	2065538	1.308m	0.967 #
17)	MA 4,4'-DDT	7.029	6.044	2315828	2192139	1.258m	0.948
18)	B Endrin al...	6.931	6.120	2141919	2073561	1.229m	1.016
19)	B Endosulfa...	7.164	6.343	2438345	2770088	1.230m	1.148
20)	A Methoxychlor	7.505	6.620	1064829	1265249	1.085m	1.012
21)	B Endrin ke...	7.650	6.849	2953134	2906502	1.344m	1.050
22)	Mirex	8.125	7.030	2297623	3470904	1.276	1.427

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
Data File : PL092324.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 10:12
Operator : AR\AJ
Sample : P4368-07
Misc : PEST LOD 1PPB WATER
ALS Vial : 7 Sample Multiplier: 1

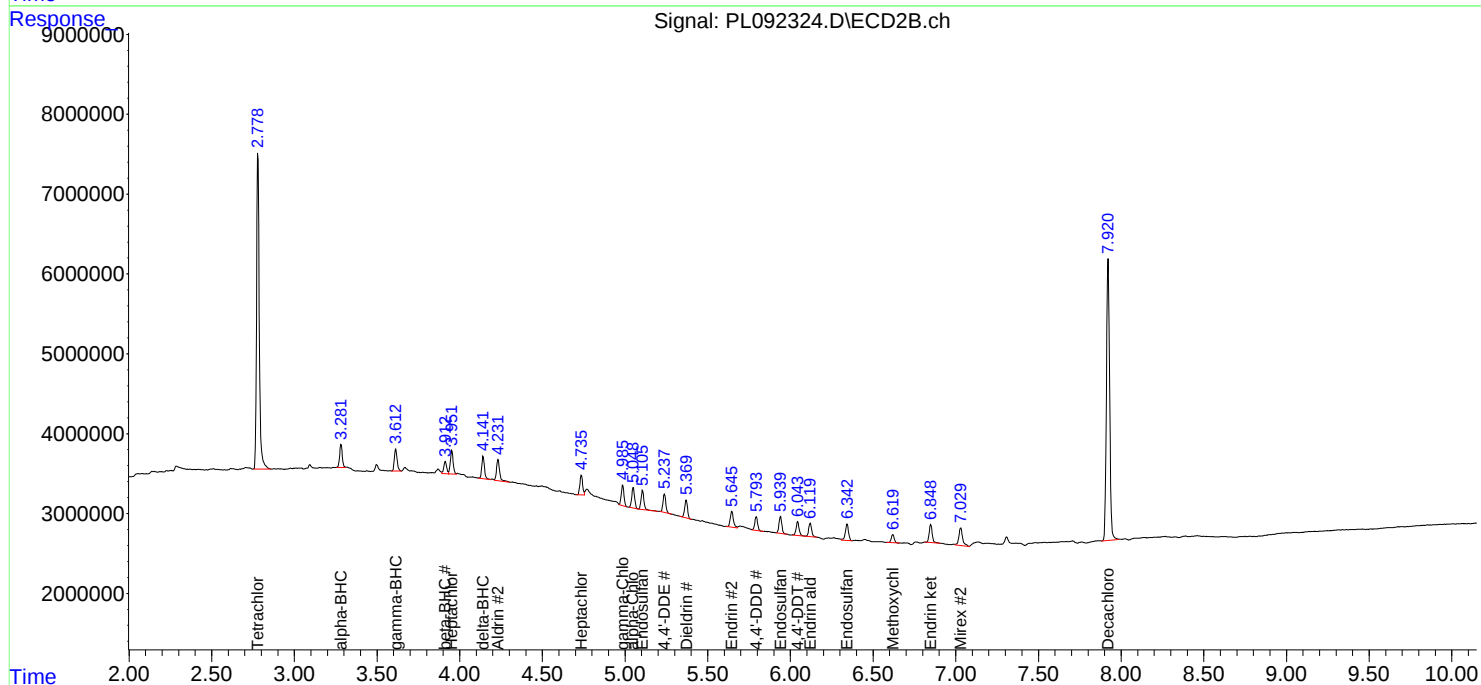
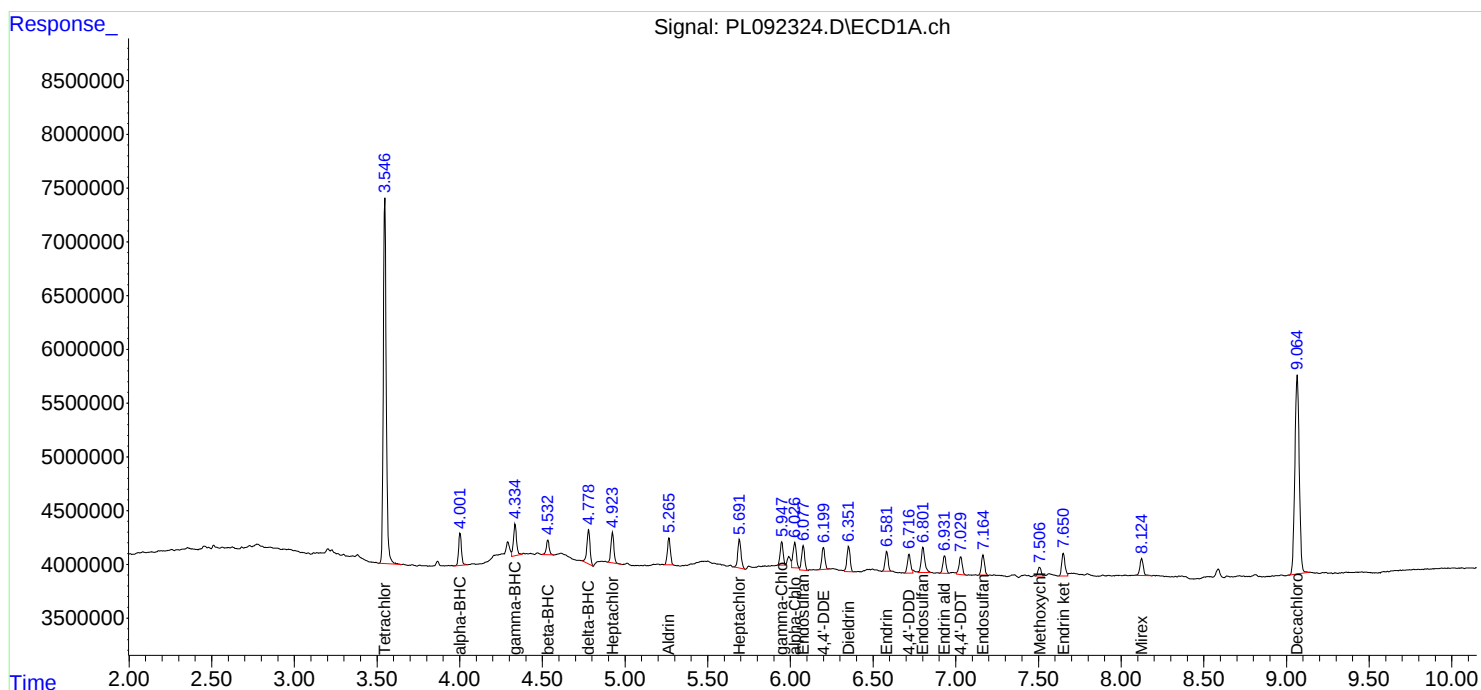
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

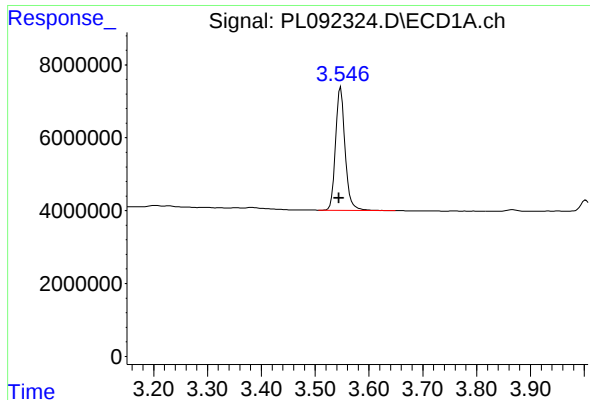
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 07:40:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
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Signal #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





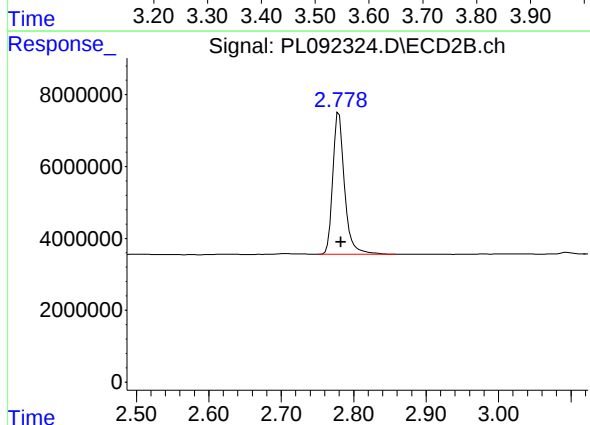
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.003 min
Response: 41707497
Conc: 18.75 ng/ml

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

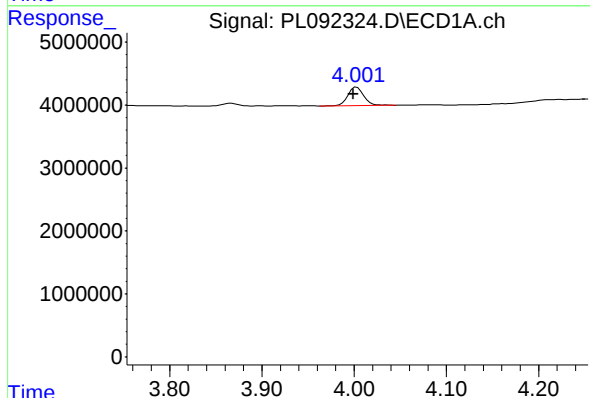
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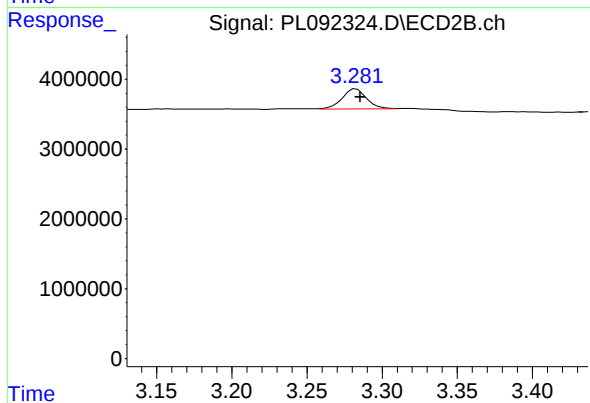
#1 Tetrachloro-m-xylene

R.T.: 2.780 min
Delta R.T.: -0.002 min
Response: 44601249
Conc: 17.78 ng/ml



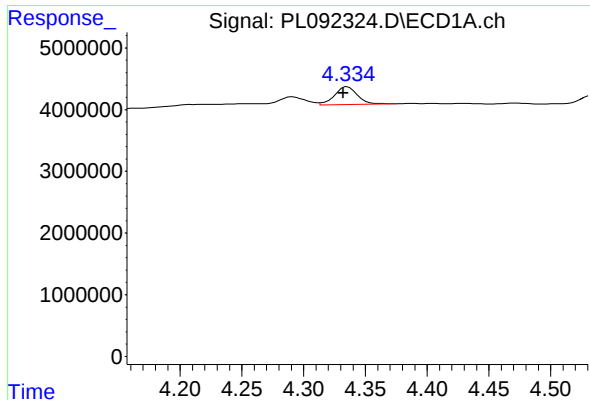
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.004 min
Response: 3550250
Conc: 1.15 ng/ml



#2 alpha-BHC

R.T.: 3.281 min
Delta R.T.: -0.004 min
Response: 3199883
Conc: 0.88 ng/ml m



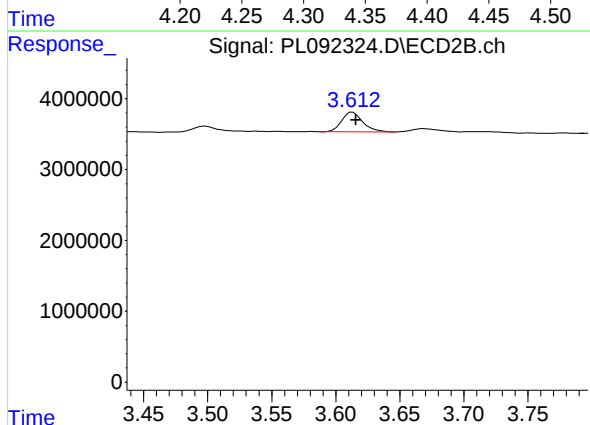
#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: 0.003 min
Response: 3782168
Conc: 1.22 ng/ml

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

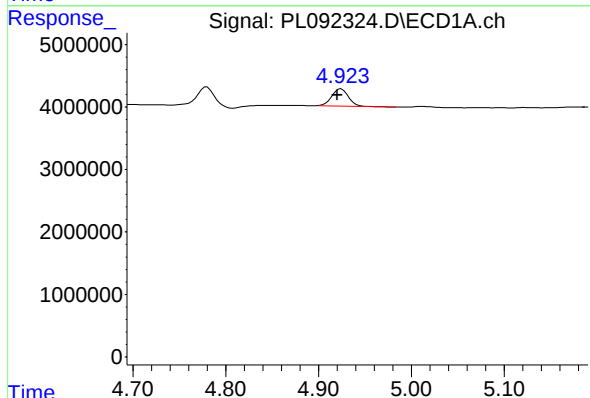
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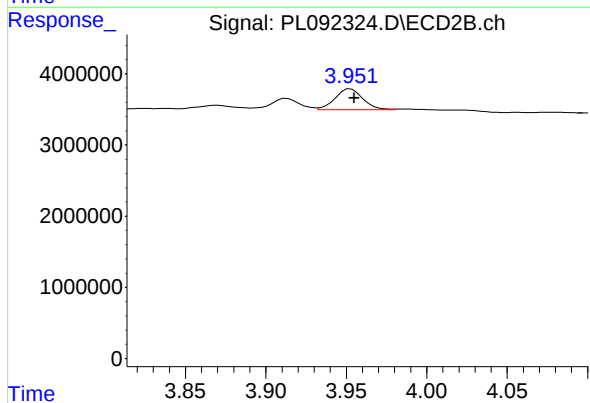
#3 gamma-BHC (Lindane)

R.T.: 3.613 min
Delta R.T.: -0.002 min
Response: 3154534
Conc: 0.89 ng/ml



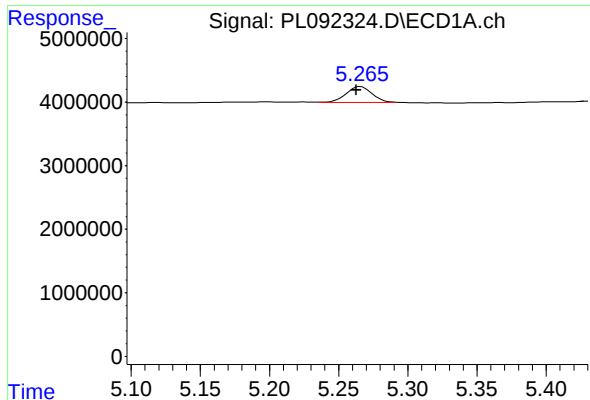
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: 0.004 min
Response: 3532371
Conc: 1.28 ng/ml



#4 Heptachlor

R.T.: 3.953 min
Delta R.T.: -0.002 min
Response: 3530374
Conc: 1.02 ng/ml



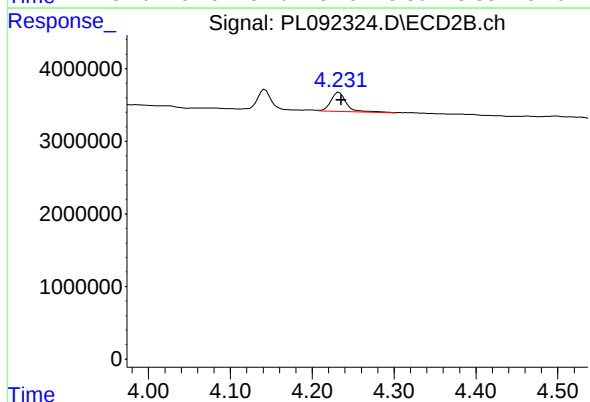
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: 0.002 min
Response: 3202770
Conc: 1.15 ng/ml

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

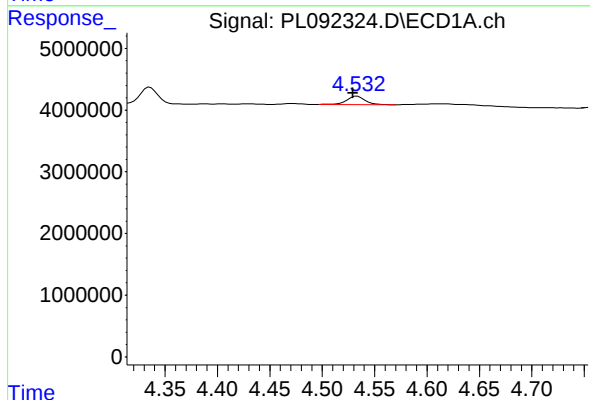
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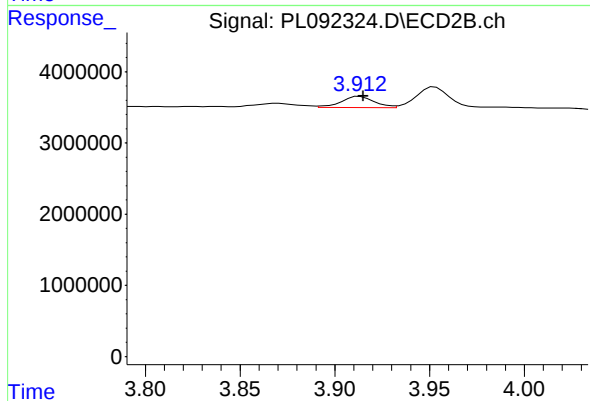
#5 Aldrin

R.T.: 4.233 min
Delta R.T.: -0.003 min
Response: 3432463
Conc: 1.01 ng/ml



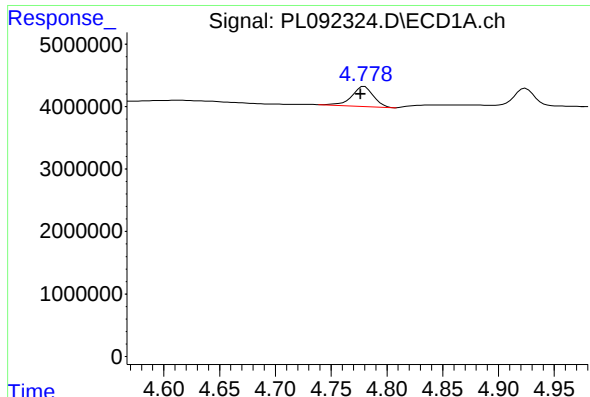
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.004 min
Response: 1662669
Conc: 1.25 ng/ml



#6 beta-BHC

R.T.: 3.913 min
Delta R.T.: -0.002 min
Response: 1864044
Conc: 1.24 ng/ml



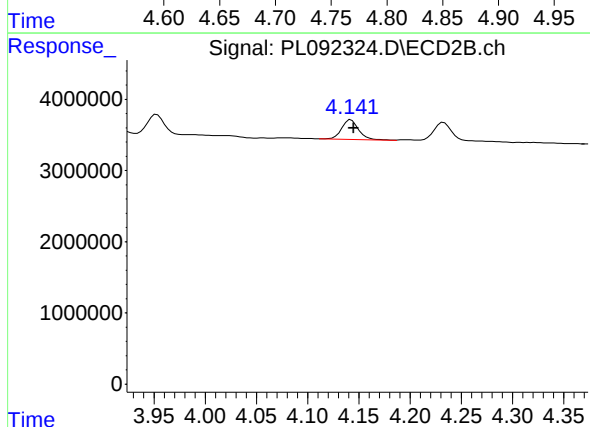
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.003 min
Response: 4284388
Conc: 1.49 ng/ml

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

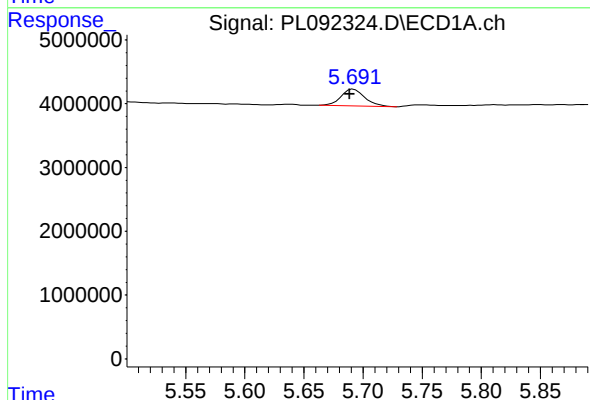
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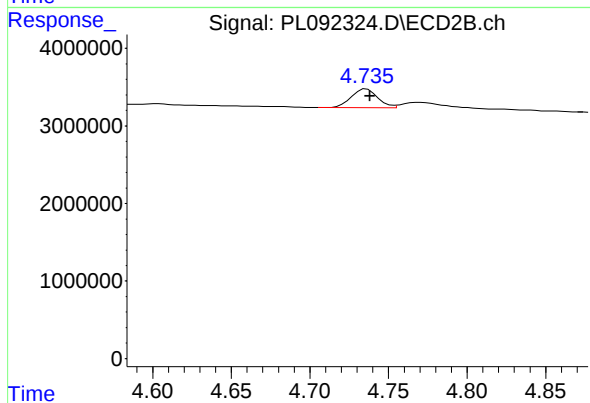
#7 delta-BHC

R.T.: 4.142 min
Delta R.T.: -0.002 min
Response: 3224859
Conc: 0.93 ng/ml



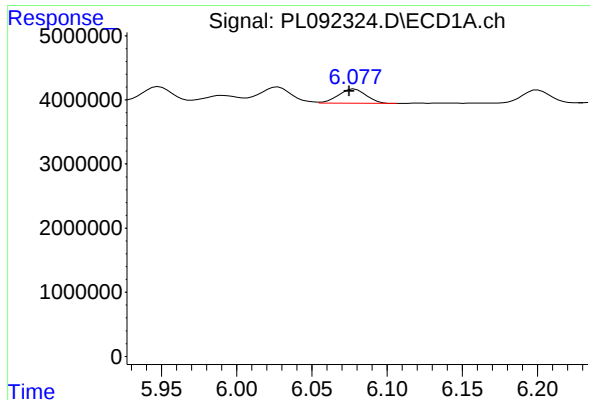
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.003 min
Response: 3688265
Conc: 1.45 ng/ml



#8 Heptachlor epoxide

R.T.: 4.736 min
Delta R.T.: -0.002 min
Response: 2848769
Conc: 0.94 ng/ml



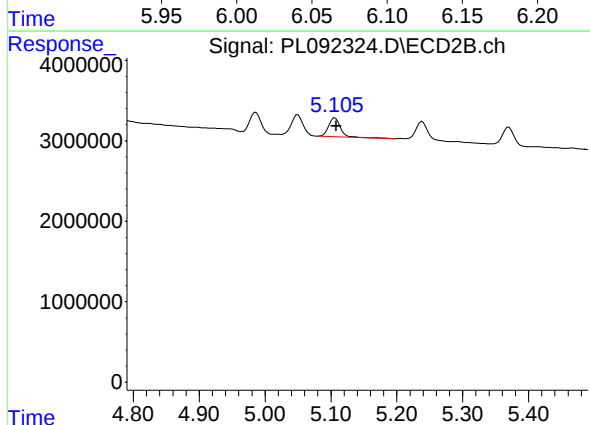
#9 Endosulfan I

R.T.: 6.078 min
Delta R.T.: 0.004 min
Response: 2914818
Conc: 1.26 ng/ml

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

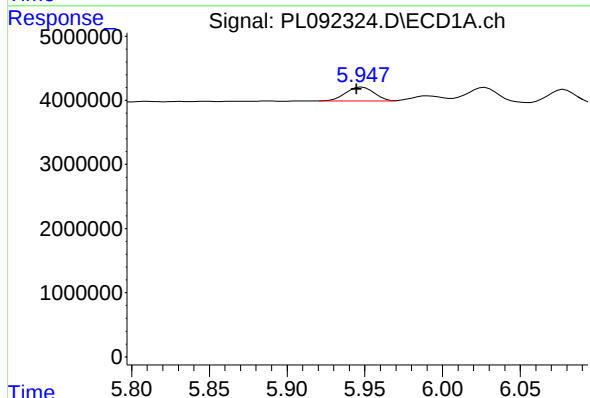
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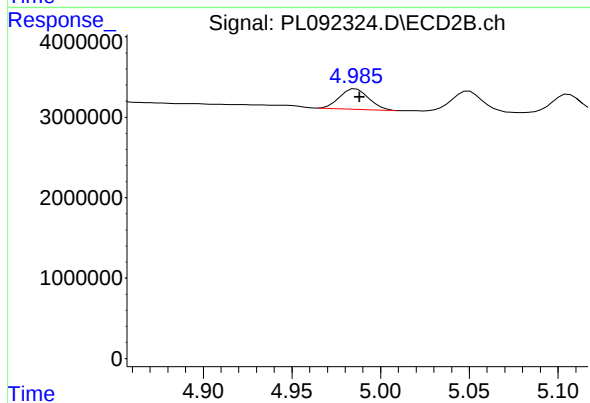
#9 Endosulfan I

R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 2960723
Conc: 1.08 ng/ml



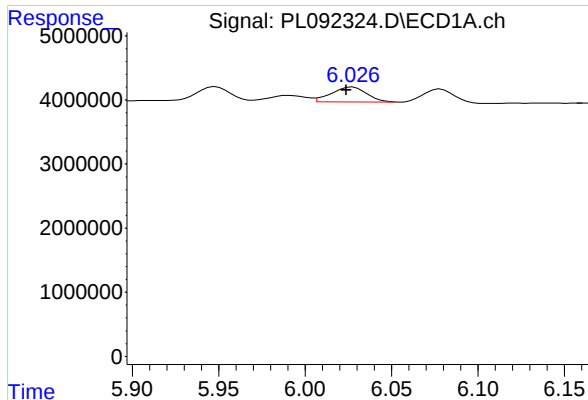
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.003 min
Response: 2722527
Conc: 1.10 ng/ml m



#10 gamma-Chlordane

R.T.: 4.985 min
Delta R.T.: -0.003 min
Response: 2942809
Conc: 0.98 ng/ml m



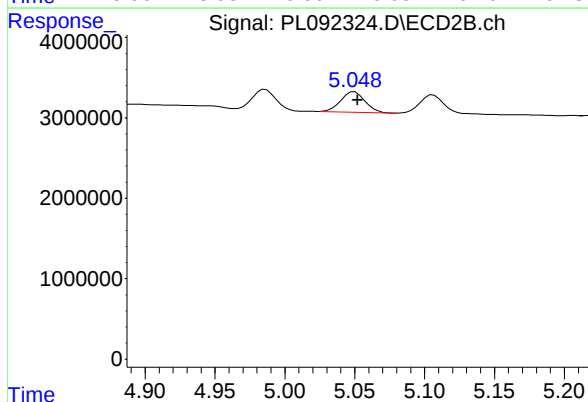
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.002 min
Response: 3274580
Conc: 1.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
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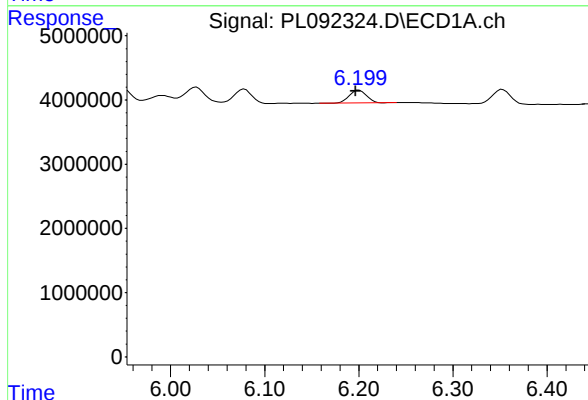
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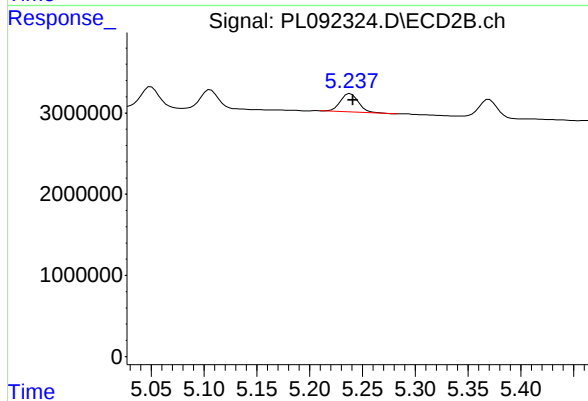
#11 alpha-Chlordane

R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 3082297
Conc: 1.03 ng/ml



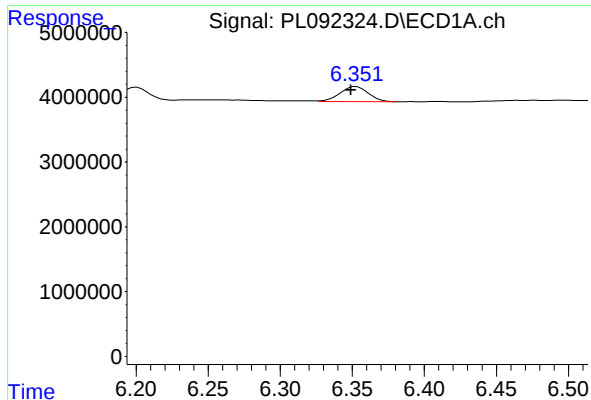
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.004 min
Response: 2602421
Conc: 1.20 ng/ml



#12 4,4'-DDE

R.T.: 5.239 min
Delta R.T.: -0.002 min
Response: 2740773
Conc: 0.99 ng/ml



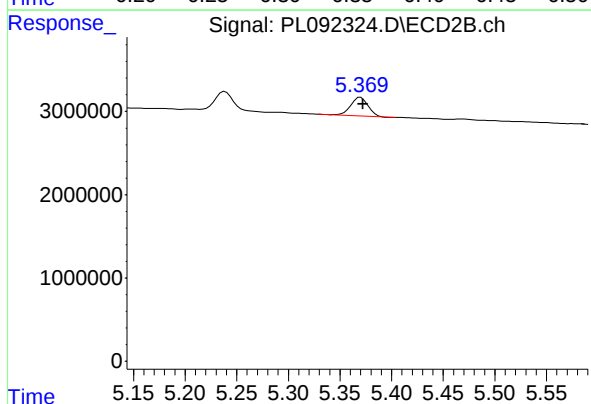
#13 Dieldrin

R.T.: 6.351 min
Delta R.T.: 0.002 min
Response: 3153655
Conc: 1.29 ng/ml

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

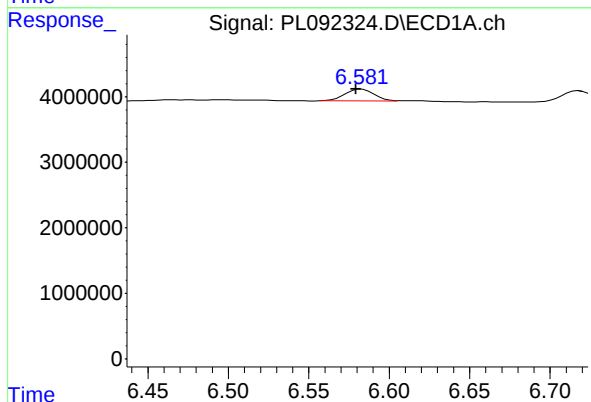
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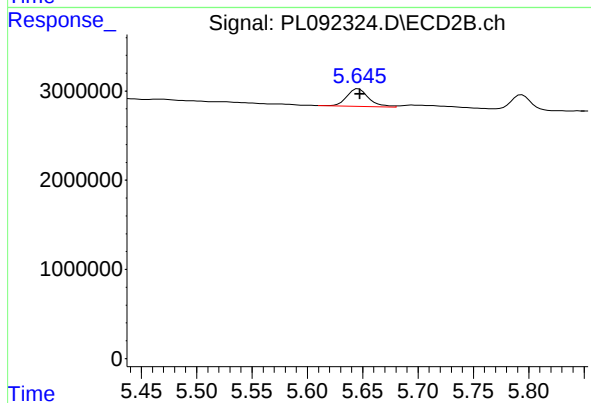
#13 Dieldrin

R.T.: 5.370 min
Delta R.T.: -0.002 min
Response: 2632406
Conc: 0.90 ng/ml



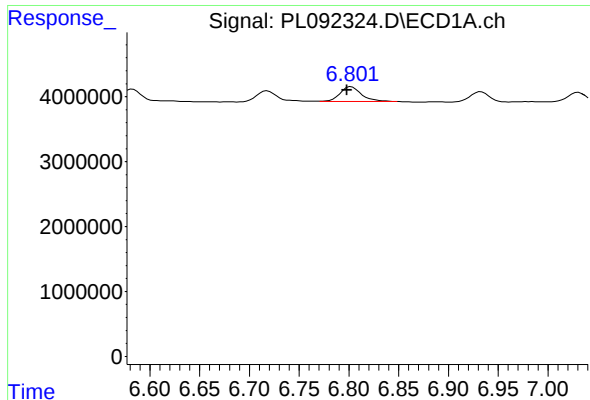
#14 Endrin

R.T.: 6.581 min
Delta R.T.: 0.002 min
Response: 2271680
Conc: 1.10 ng/ml m



#14 Endrin

R.T.: 5.646 min
Delta R.T.: -0.001 min
Response: 2720225
Conc: 1.04 ng/ml



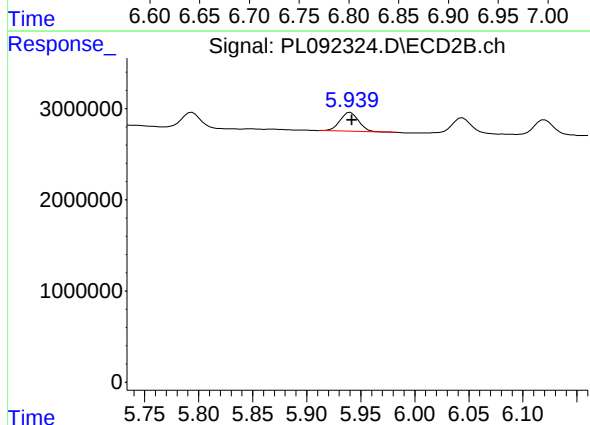
#15 Endosulfan II

R.T.: 6.801 min
Delta R.T.: 0.003 min
Response: 3468488
Conc: 1.58 ng/ml

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

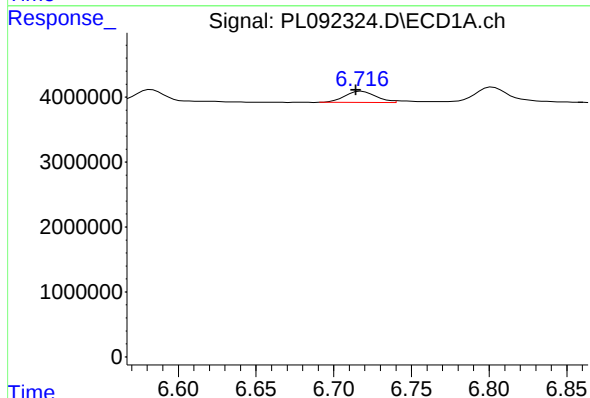
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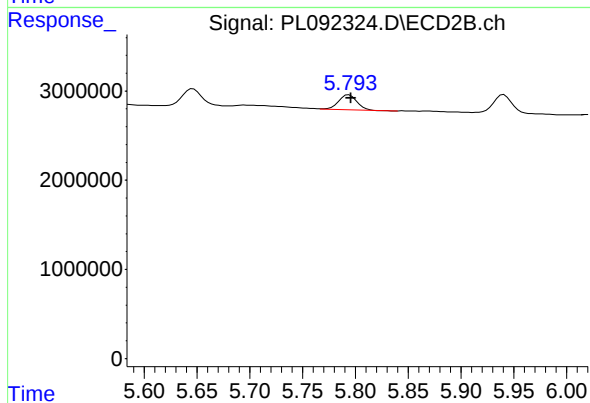
#15 Endosulfan II

R.T.: 5.941 min
Delta R.T.: -0.001 min
Response: 2488121
Conc: 0.99 ng/ml



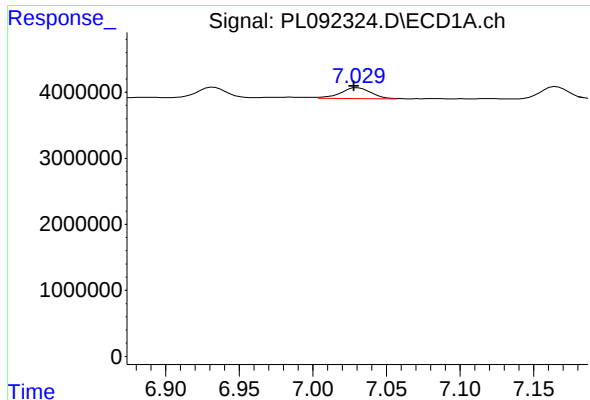
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.002 min
Response: 2349412
Conc: 1.31 ng/ml m



#16 4,4'-DDD

R.T.: 5.794 min
Delta R.T.: -0.002 min
Response: 2065538
Conc: 0.97 ng/ml



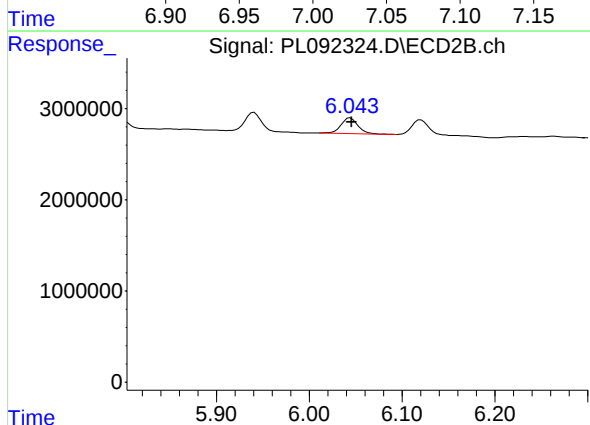
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.001 min
Response: 2315828
Conc: 1.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
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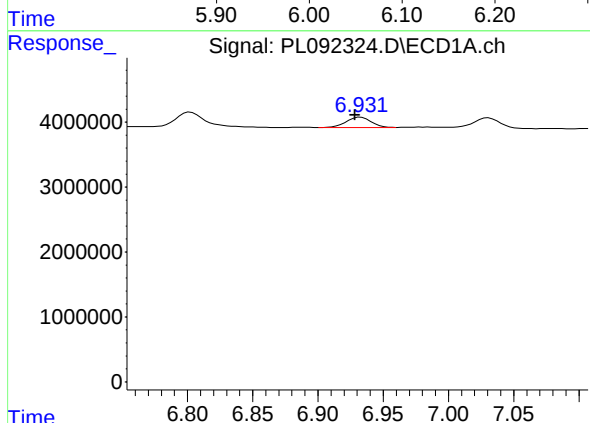
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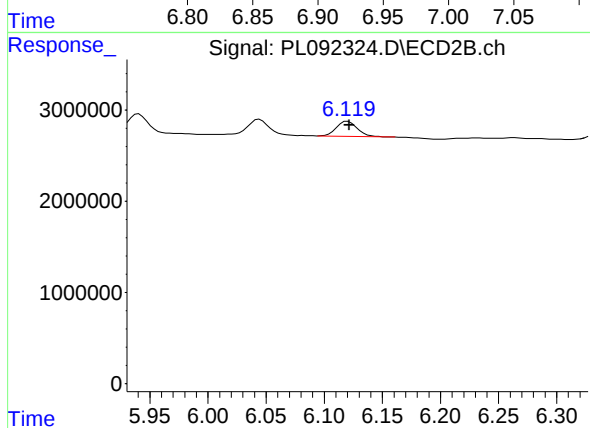
#17 4,4'-DDT

R.T.: 6.044 min
Delta R.T.: -0.001 min
Response: 2192139
Conc: 0.95 ng/ml



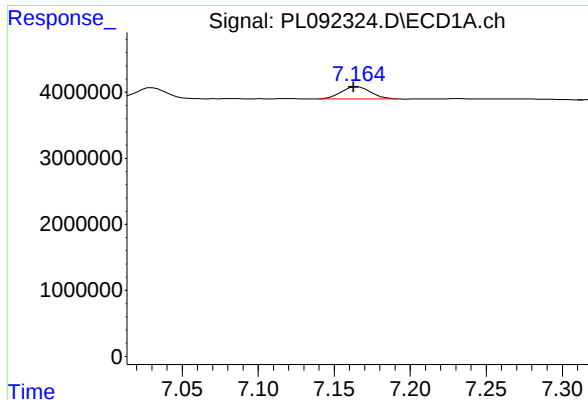
#18 Endrin aldehyde

R.T.: 6.931 min
Delta R.T.: 0.003 min
Response: 2141919
Conc: 1.23 ng/ml m



#18 Endrin aldehyde

R.T.: 6.120 min
Delta R.T.: -0.001 min
Response: 2073561
Conc: 1.02 ng/ml



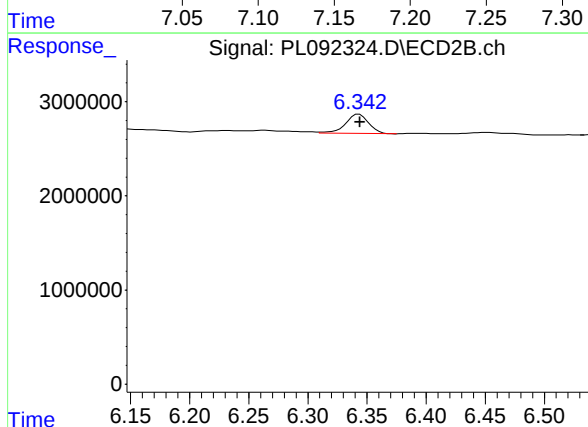
#19 Endosulfan Sulfate

R.T.: 7.164 min
Delta R.T.: 0.001 min
Response: 2438345
Conc: 1.23 ng/ml

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

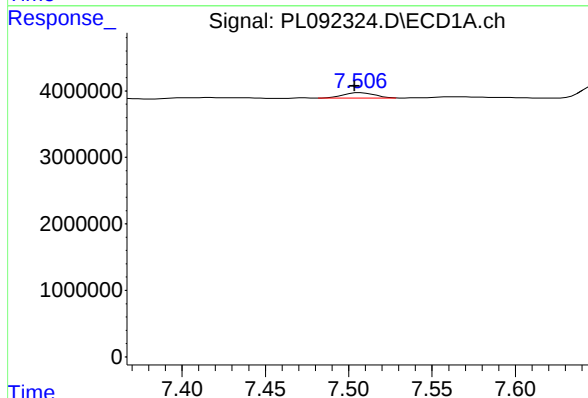
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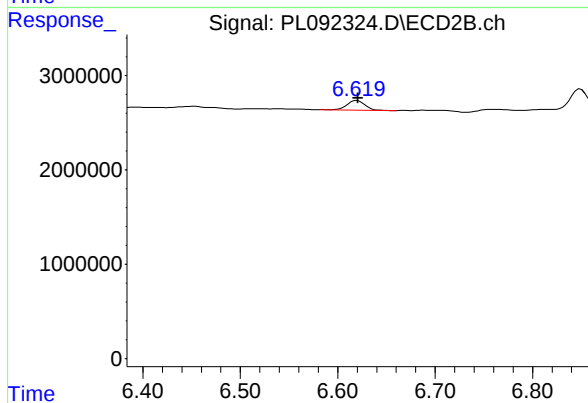
#19 Endosulfan Sulfate

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 2770088
Conc: 1.15 ng/ml



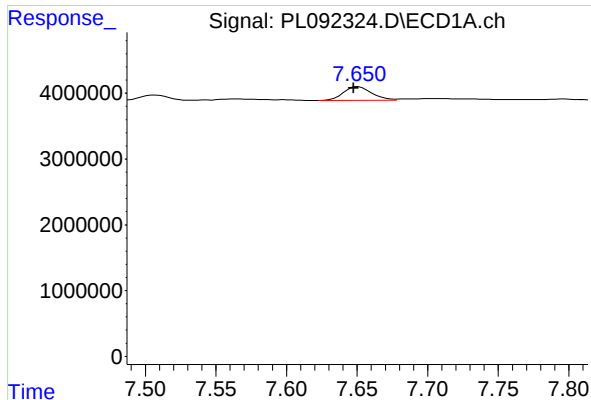
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.002 min
Response: 1064829
Conc: 1.08 ng/ml m



#20 Methoxychlor

R.T.: 6.620 min
Delta R.T.: 0.000 min
Response: 1265249
Conc: 1.01 ng/ml



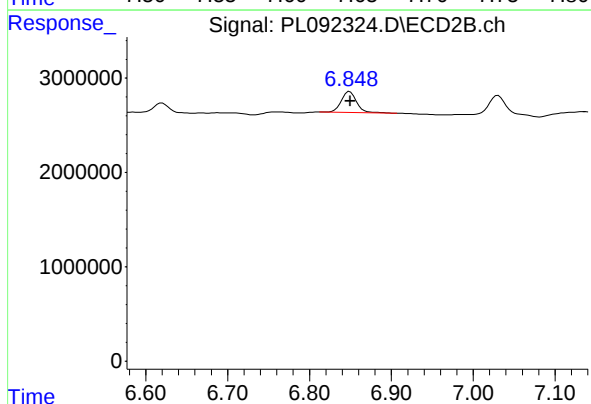
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: 0.002 min
Response: 2953134
Conc: 1.34 ng/ml

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

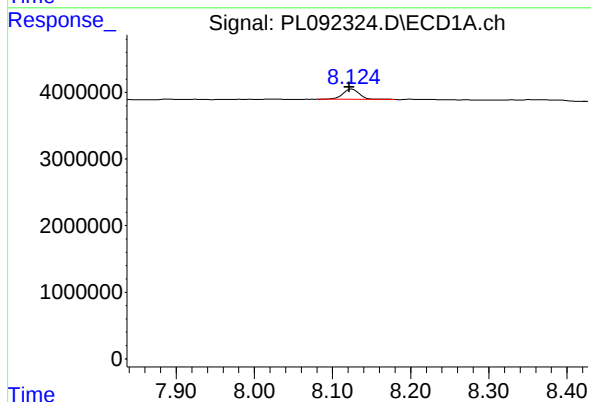
Manual Integrations
APPROVED

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



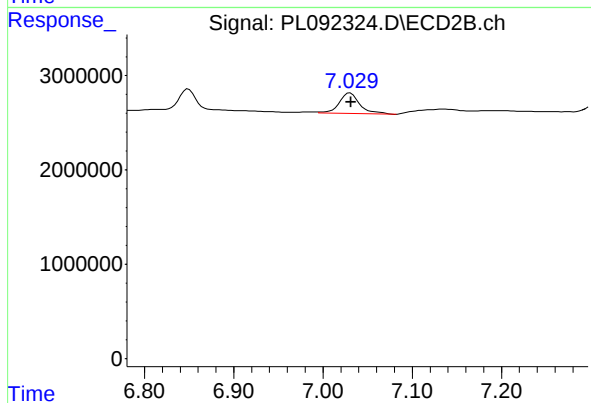
#21 Endrin ketone

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 2906502
Conc: 1.05 ng/ml



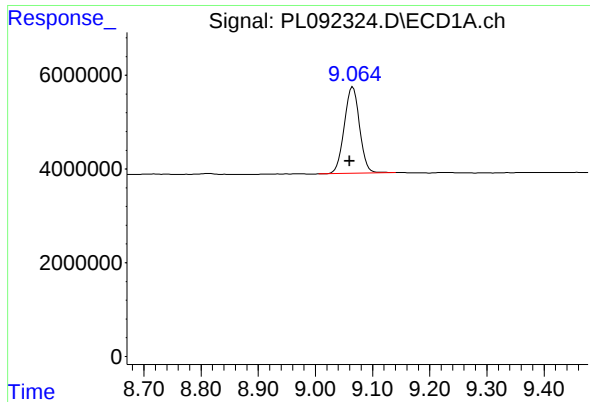
#22 Mirex

R.T.: 8.125 min
Delta R.T.: 0.004 min
Response: 2297623
Conc: 1.28 ng/ml



#22 Mirex

R.T.: 7.030 min
Delta R.T.: -0.001 min
Response: 3470904
Conc: 1.43 ng/ml



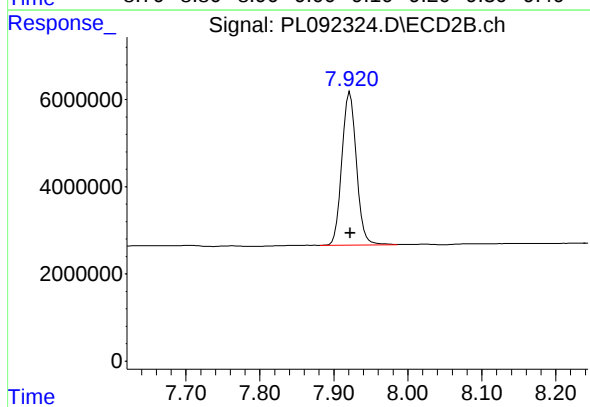
#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.005 min
Response: 34377629
Conc: 20.98 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



#28 Decachlorobiphenyl

R.T.: 7.922 min
Delta R.T.: 0.000 min
Response: 47951919
Conc: 19.17 ng/ml