

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080224\
 Data File : PL090746.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2024 10:40
 Operator : AR\AJ
 Sample : P3390-07
 Misc : PEST LOD 1PPB/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/05/2024
 Supervised By :Ankita Jodhani 08/05/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 03 00:31:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 14:16:48 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...	3.545	2.787	42728663	35191347	20.521	20.910
28)	SA Decachlor...	9.056	7.929	31635821	33677591	23.807m	23.097
Target Compounds							
2)	A alpha-BHC	3.999	3.288	3535773	2352859	1.192m	0.974m
3)	MA gamma-BHC...	4.332	3.619	3379961	2572244	1.207	1.115m
4)	MA Heptachlor	4.920	3.960	3353645	2338237	1.318m	1.060
5)	MB Aldrin	5.263	4.239	3558856	2255531	1.424	1.060m#
6)	B beta-BHC	4.528	3.918	1716369	1260136	1.353m	1.221
7)	B delta-BHC	4.775	4.148	4345335	2278399	1.621	1.036 #
8)	B Heptachlo...	5.687	4.743	3826328	2413135	1.628m	1.237
9)	A Endosulfan I	6.072	5.113	2847541	2098850	1.331m	1.148
10)	B gamma-Chl...	5.943	4.993	3590029	2478142	1.544m	1.222
11)	B alpha-Chl...	6.021	5.057	3063987	2533847	1.335m	1.254
12)	B 4,4'-DDE	6.194	5.246	2793566	1942327	1.382m	1.087
13)	MA Dieldrin	6.347	5.377	3155151	2372642	1.420m	1.210
14)	MA Endrin	6.576	5.652	2240791	1990339	1.219m	1.156
15)	B Endosulfa...	6.795	5.946	2880201	2259439	1.464m	1.323
16)	A 4,4'-DDD	6.712	5.800	2448617	1968630	1.450	1.314
17)	MA 4,4'-DDT	7.025	6.050	2047106	1274524	1.216	0.870 #
18)	B Endrin al...	6.925	6.126	2191687	1742210	1.477m	1.333
19)	B Endosulfa...	7.159	6.348	2577013	2156773	1.467m	1.338
20)	A Methoxychlor	7.501	6.625	957468	806312	1.084m	0.997
21)	B Endrin ke...	7.644	6.853	2991601	2113265	1.567m	1.156 #
22)	Mirex	8.118	7.036	2105411	2274700	1.487m	1.530

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080224\
Data File : PL090746.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2024 10:40
Operator : AR\AJ
Sample : P3390-07
Misc : PEST LOD 1PPB/WATER
ALS Vial : 8 Sample Multiplier: 1

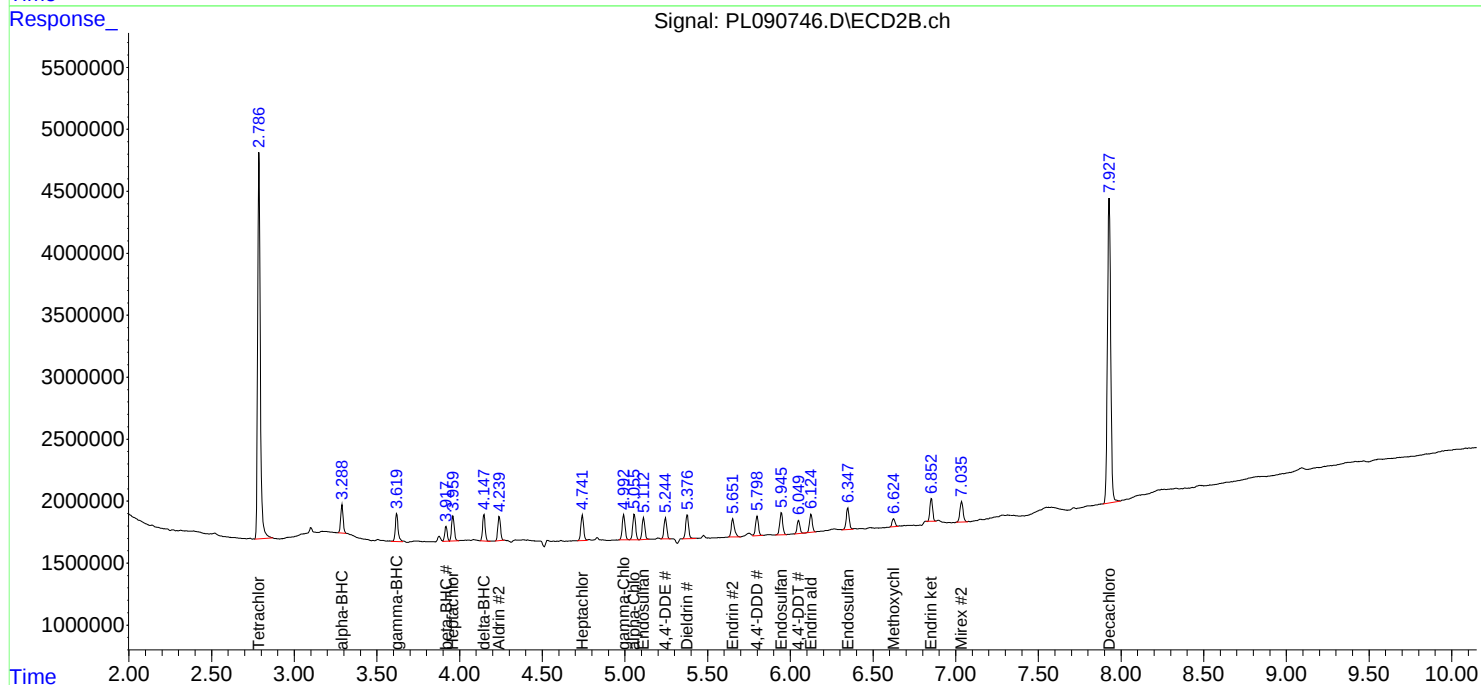
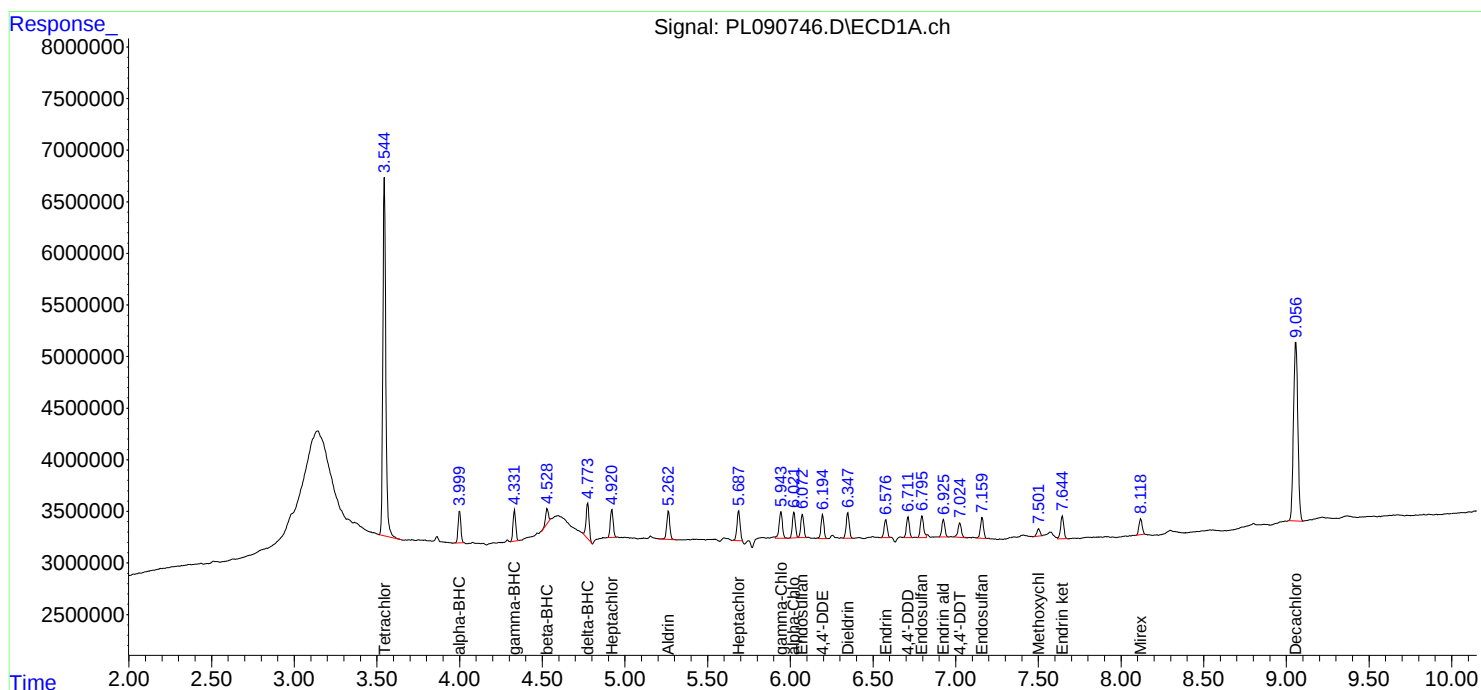
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

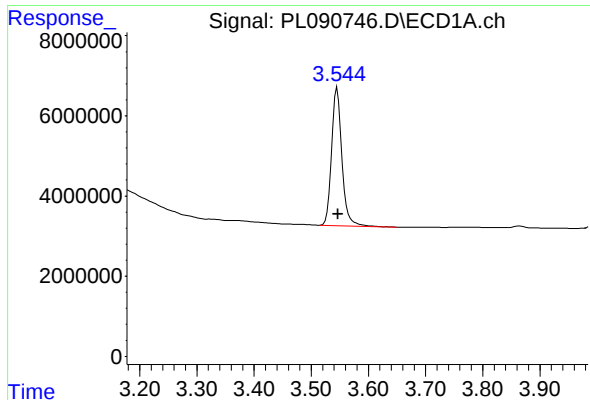
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 08/05/2024
Supervised By : Ankita Jodhani 08/05/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 03 00:31:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title : GC Extractables
QLast Update : Mon Jul 15 14:16:48 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





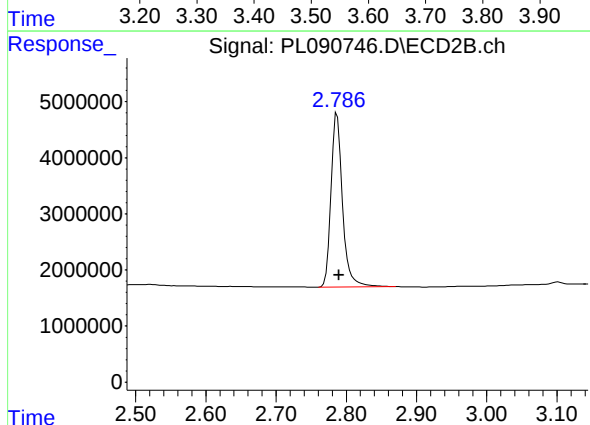
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: -0.002 min
Response: 42728663
Conc: 20.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

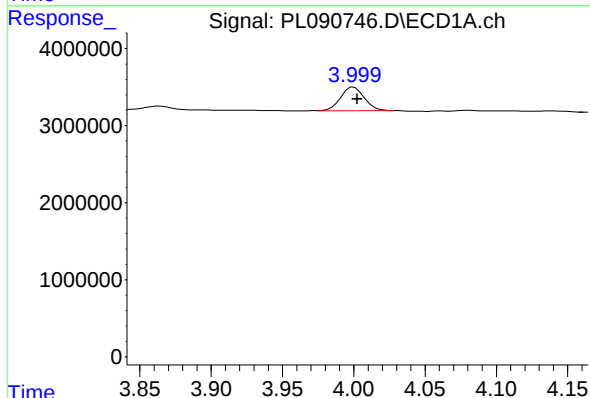
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



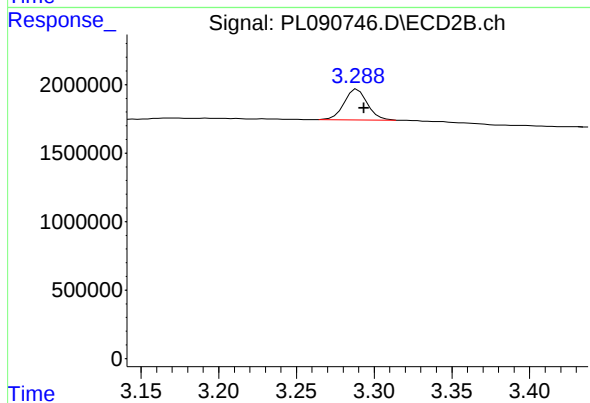
#1 Tetrachloro-m-xylene

R.T.: 2.787 min
Delta R.T.: -0.003 min
Response: 35191347
Conc: 20.91 ng/ml



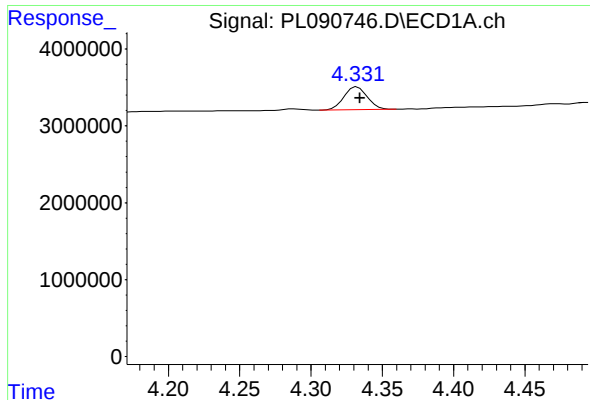
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: -0.004 min
Response: 3535773
Conc: 1.19 ng/ml m



#2 alpha-BHC

R.T.: 3.288 min
Delta R.T.: -0.005 min
Response: 2352859
Conc: 0.97 ng/ml m



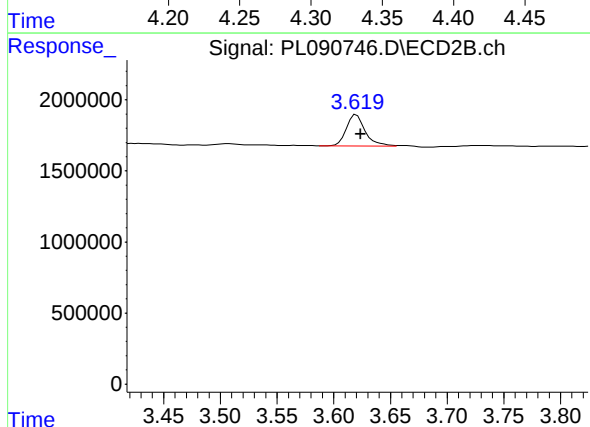
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: -0.002 min
Response: 3379961
Conc: 1.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

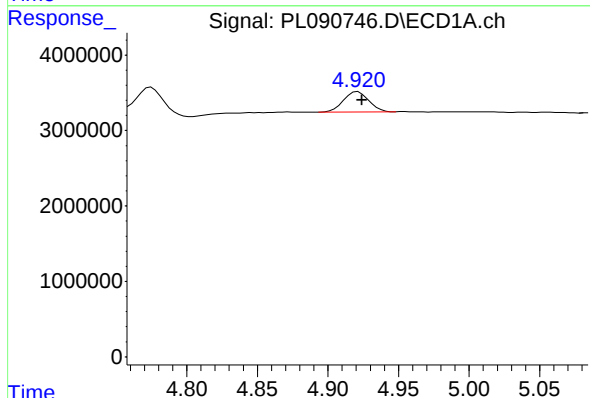
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



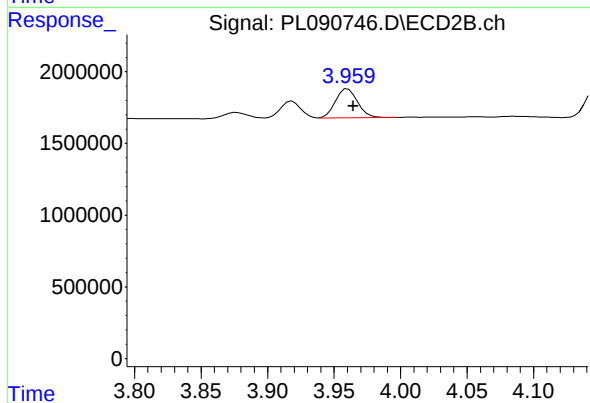
#3 gamma-BHC (Lindane)

R.T.: 3.619 min
Delta R.T.: -0.005 min
Response: 2572244
Conc: 1.12 ng/ml m



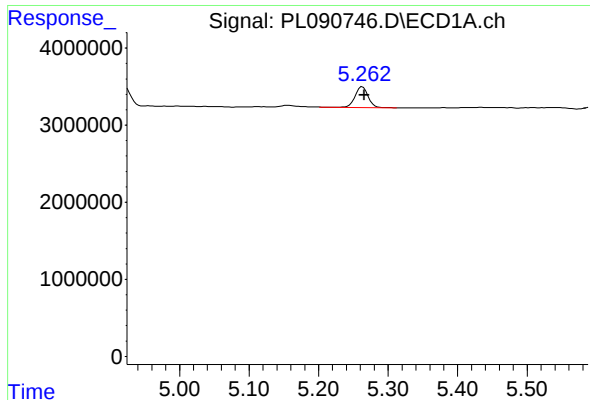
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: -0.004 min
Response: 3353645
Conc: 1.32 ng/ml m



#4 Heptachlor

R.T.: 3.960 min
Delta R.T.: -0.004 min
Response: 2338237
Conc: 1.06 ng/ml



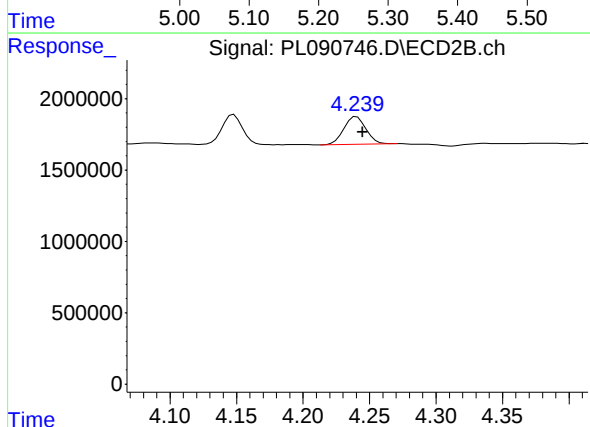
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: -0.002 min
Response: 3558856
Conc: 1.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

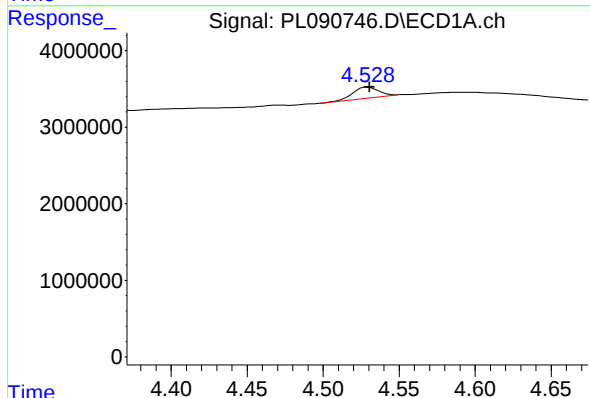
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



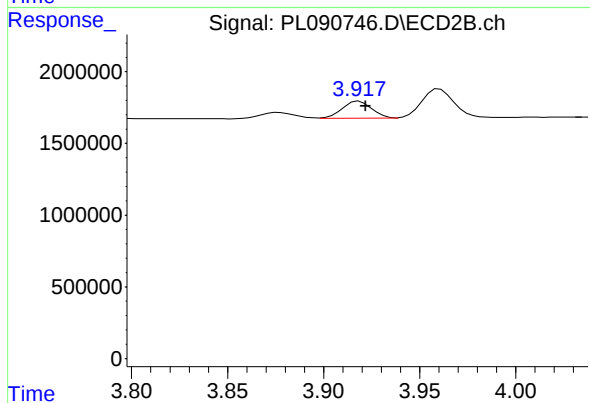
#5 Aldrin

R.T.: 4.239 min
Delta R.T.: -0.006 min
Response: 2255531
Conc: 1.06 ng/ml



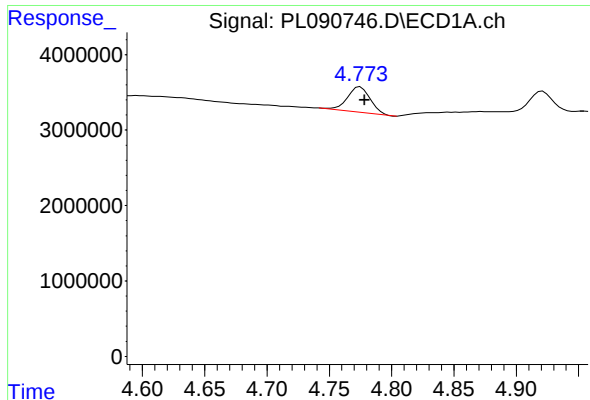
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: -0.003 min
Response: 1716369
Conc: 1.35 ng/ml



#6 beta-BHC

R.T.: 3.918 min
Delta R.T.: -0.004 min
Response: 1260136
Conc: 1.22 ng/ml



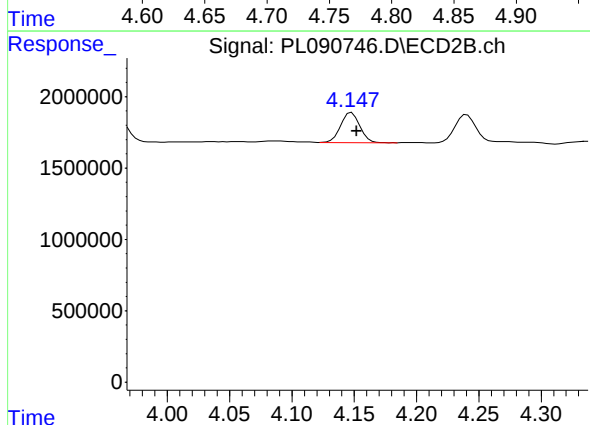
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: -0.003 min
Response: 4345335
Conc: 1.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

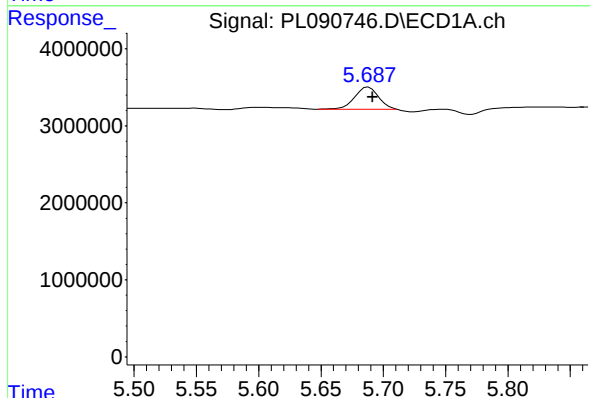
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



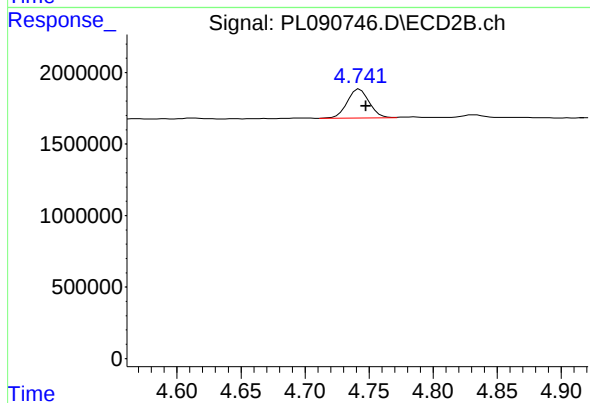
#7 delta-BHC

R.T.: 4.148 min
Delta R.T.: -0.004 min
Response: 2278399
Conc: 1.04 ng/ml



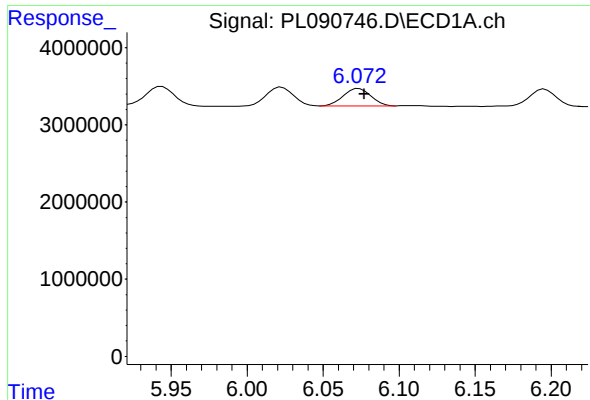
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.005 min
Response: 3826328
Conc: 1.63 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.743 min
Delta R.T.: -0.005 min
Response: 2413135
Conc: 1.24 ng/ml



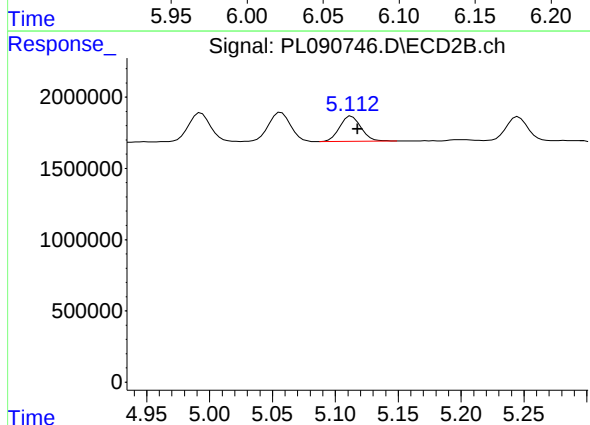
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: -0.005 min
Response: 2847541
Conc: 1.33 ng/ml

Instrument : ECD_L
ClientSampleId : LOD-MDL-WATER-01-QT3-2024

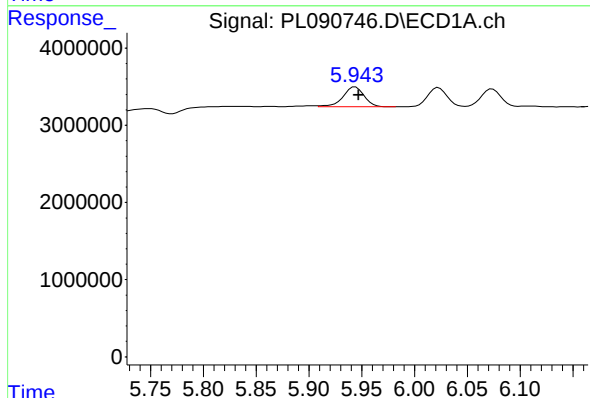
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



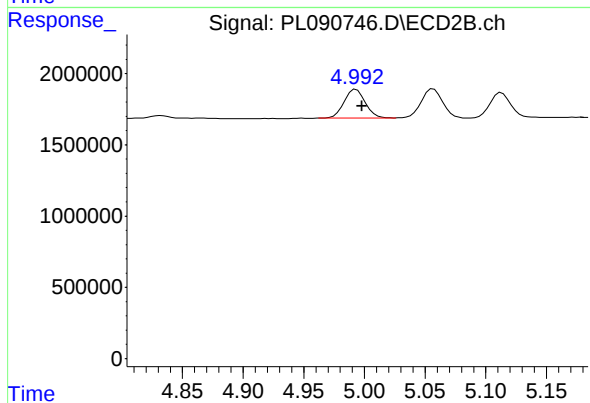
#9 Endosulfan I

R.T.: 5.113 min
Delta R.T.: -0.005 min
Response: 2098850
Conc: 1.15 ng/ml



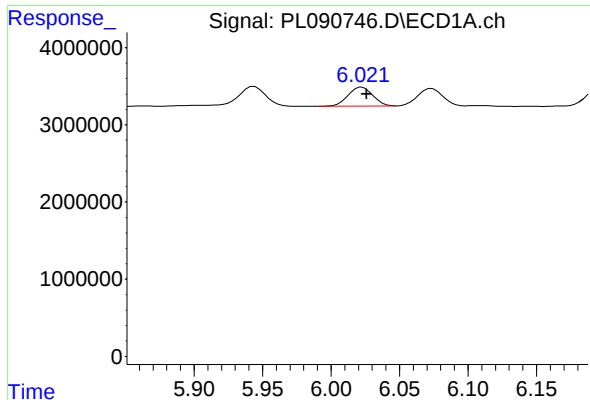
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: -0.005 min
Response: 3590029
Conc: 1.54 ng/ml m



#10 gamma-Chlordane

R.T.: 4.993 min
Delta R.T.: -0.005 min
Response: 2478142
Conc: 1.22 ng/ml



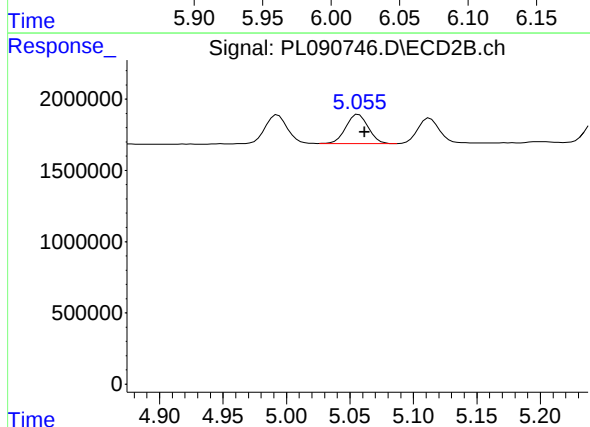
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: -0.005 min
Response: 3063987
Conc: 1.33 ng/ml

Instrument : ECD_L
ClientSampleId : LOD-MDL-WATER-01-QT3-2024

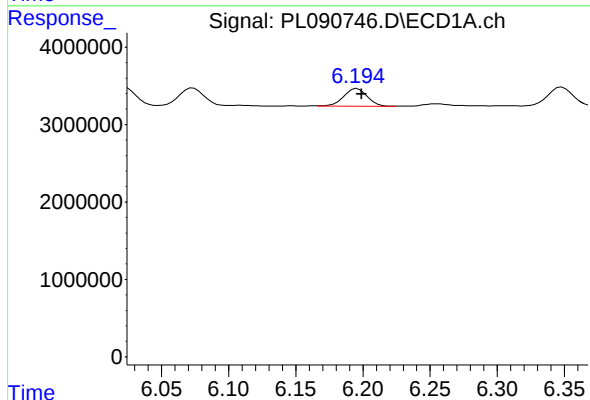
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



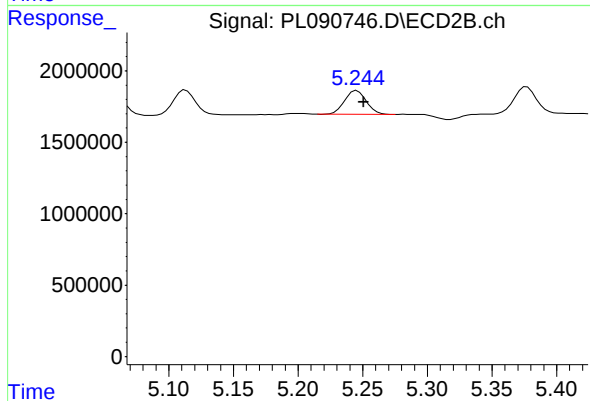
#11 alpha-Chlordane

R.T.: 5.057 min
Delta R.T.: -0.005 min
Response: 2533847
Conc: 1.25 ng/ml



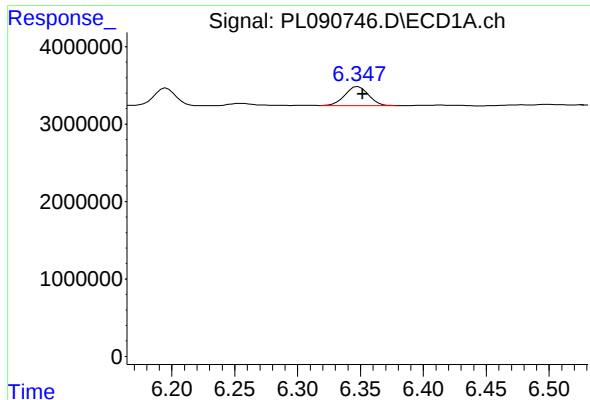
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.005 min
Response: 2793566
Conc: 1.38 ng/ml m



#12 4,4'-DDE

R.T.: 5.246 min
Delta R.T.: -0.005 min
Response: 1942327
Conc: 1.09 ng/ml



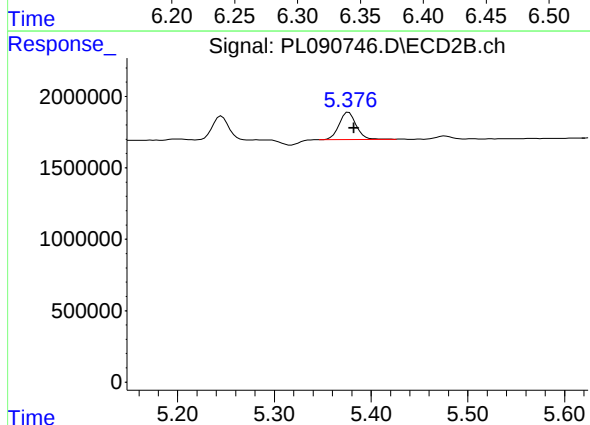
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: -0.005 min
Response: 3155151
Conc: 1.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

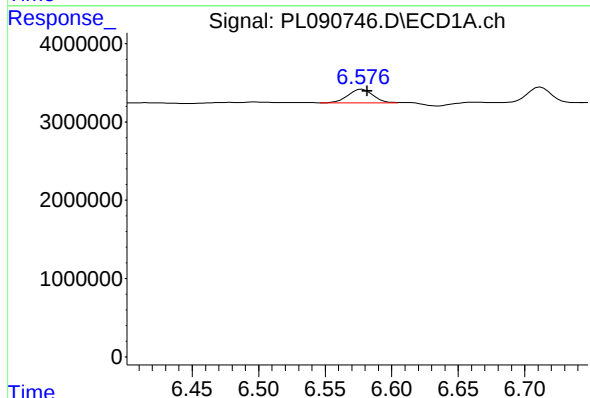
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



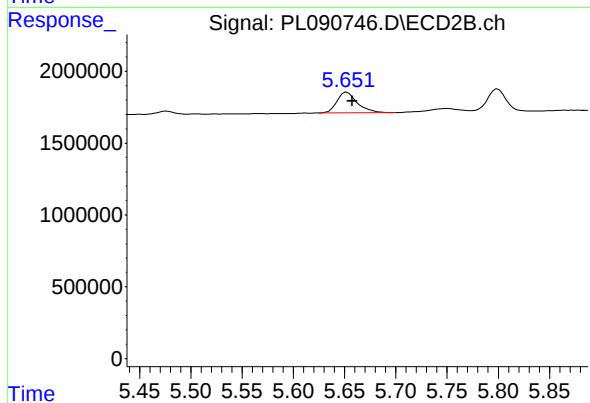
#13 Dieldrin

R.T.: 5.377 min
Delta R.T.: -0.005 min
Response: 2372642
Conc: 1.21 ng/ml



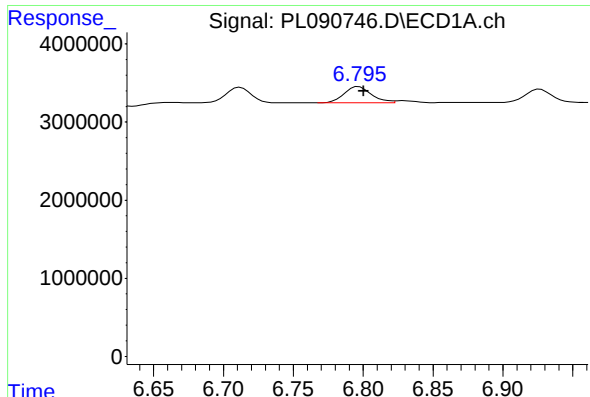
#14 Endrin

R.T.: 6.576 min
Delta R.T.: -0.005 min
Response: 2240791
Conc: 1.22 ng/ml m



#14 Endrin

R.T.: 5.652 min
Delta R.T.: -0.005 min
Response: 1990339
Conc: 1.16 ng/ml



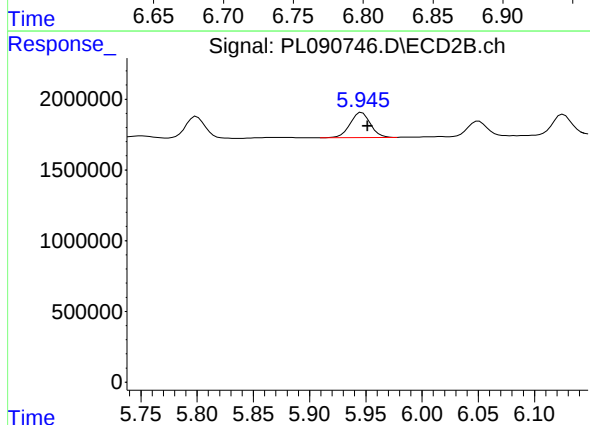
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: -0.005 min
Response: 2880201
Conc: 1.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

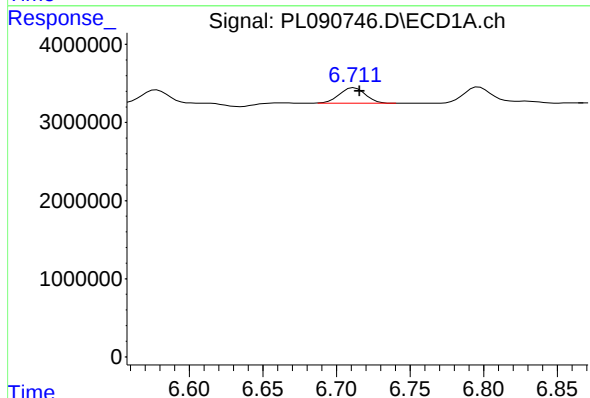
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



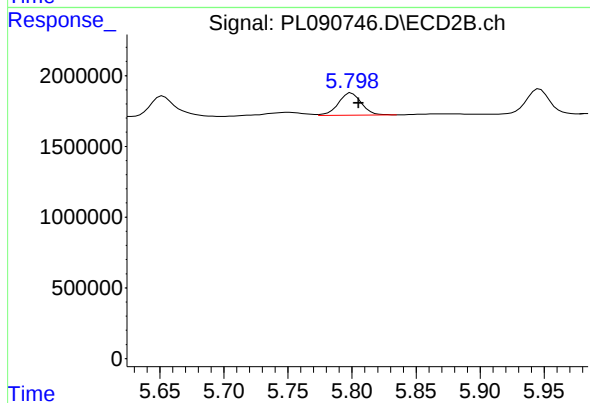
#15 Endosulfan II

R.T.: 5.946 min
Delta R.T.: -0.005 min
Response: 2259439
Conc: 1.32 ng/ml



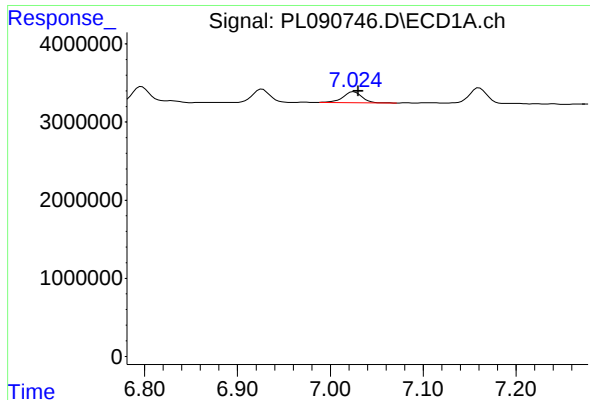
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: -0.004 min
Response: 2448617
Conc: 1.45 ng/ml



#16 4,4'-DDD

R.T.: 5.800 min
Delta R.T.: -0.006 min
Response: 1968630
Conc: 1.31 ng/ml



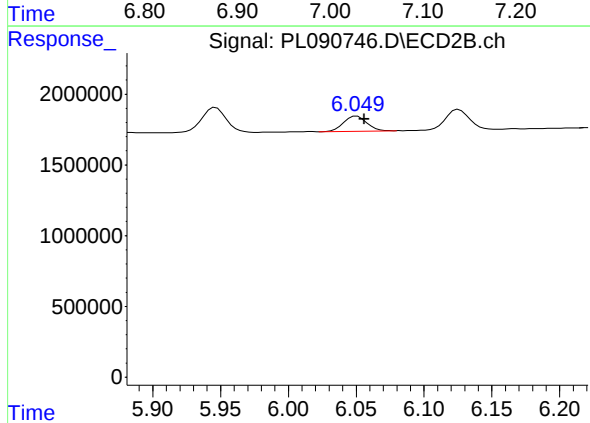
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: -0.005 min
Response: 2047106
Conc: 1.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

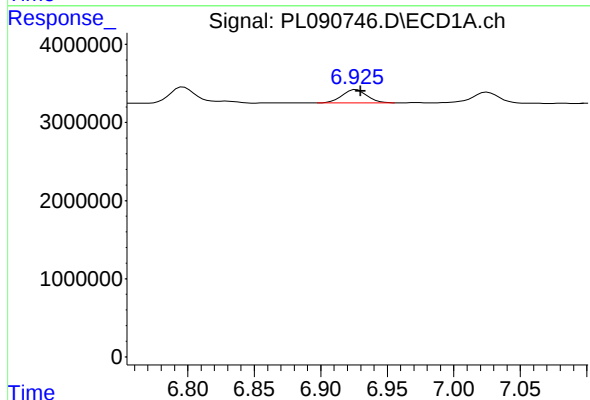
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



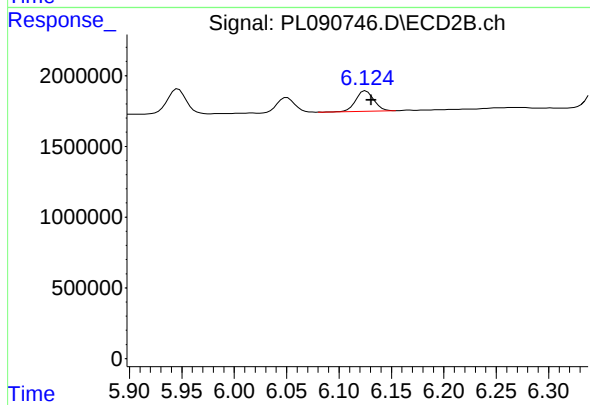
#17 4,4'-DDT

R.T.: 6.050 min
Delta R.T.: -0.005 min
Response: 1274524
Conc: 0.87 ng/ml



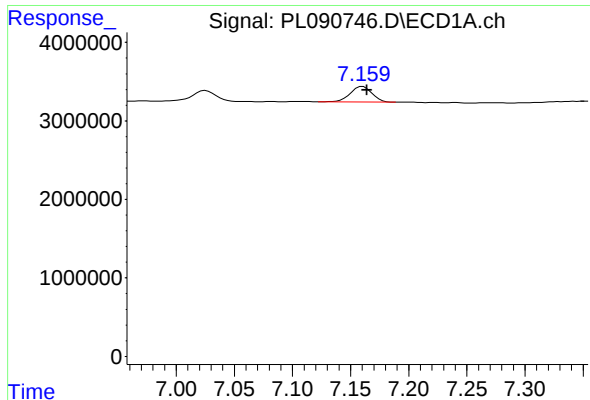
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: -0.005 min
Response: 2191687
Conc: 1.48 ng/ml m



#18 Endrin aldehyde

R.T.: 6.126 min
Delta R.T.: -0.005 min
Response: 1742210
Conc: 1.33 ng/ml



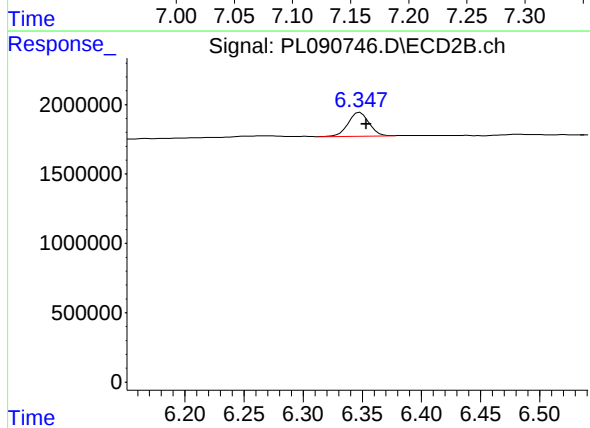
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: -0.005 min
Response: 2577013
Conc: 1.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

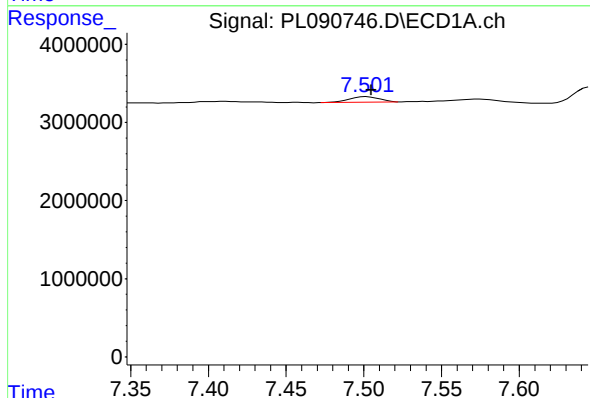
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



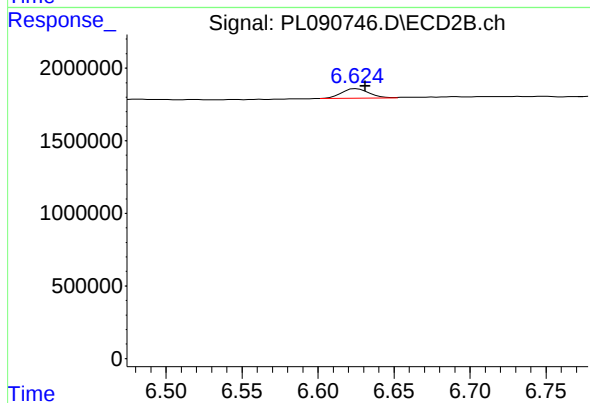
#19 Endosulfan Sulfate

R.T.: 6.348 min
Delta R.T.: -0.005 min
Response: 2156773
Conc: 1.34 ng/ml



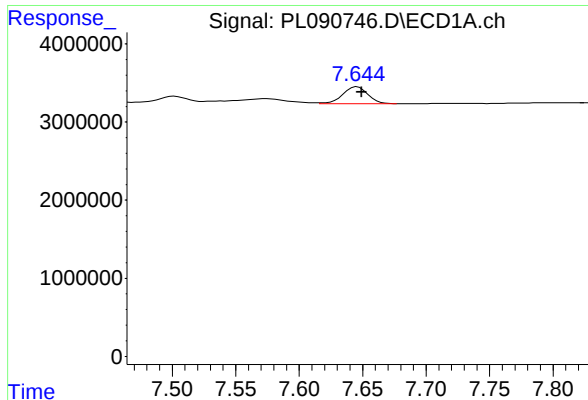
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: -0.004 min
Response: 957468
Conc: 1.08 ng/ml m



#20 Methoxychlor

R.T.: 6.625 min
Delta R.T.: -0.006 min
Response: 806312
Conc: 1.00 ng/ml



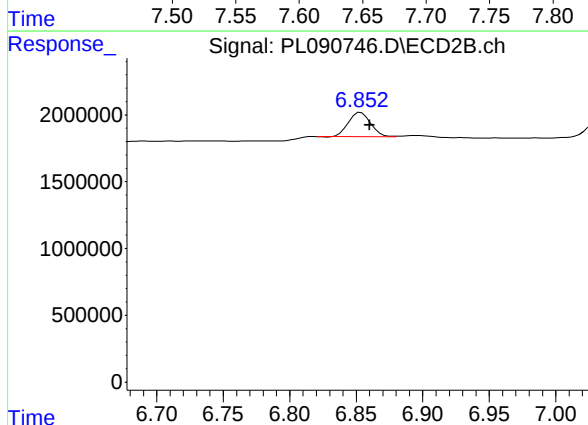
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: -0.005 min
Response: 2991601
Conc: 1.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

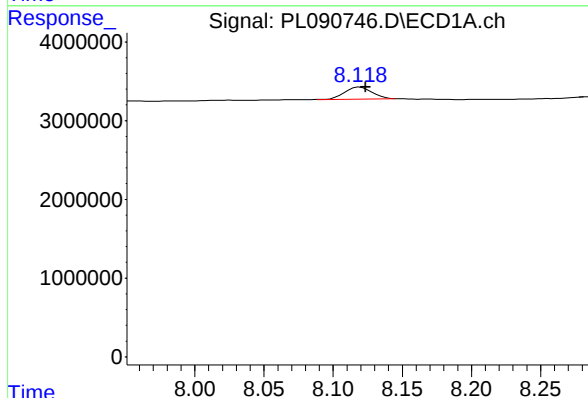
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



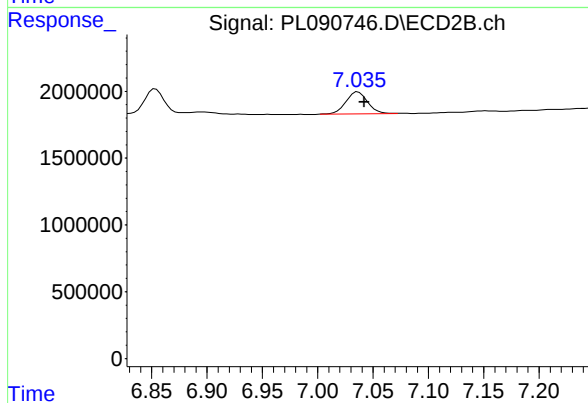
#21 Endrin ketone

R.T.: 6.853 min
Delta R.T.: -0.007 min
Response: 2113265
Conc: 1.16 ng/ml



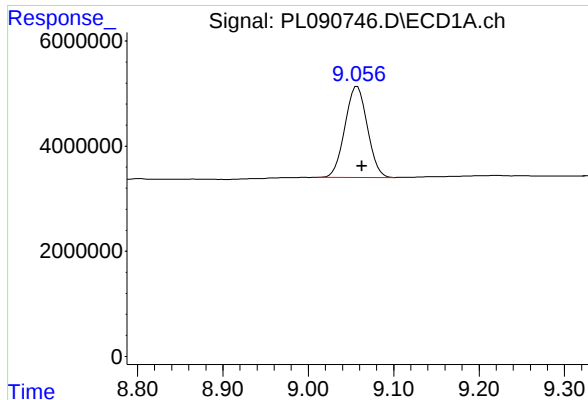
#22 Mirex

R.T.: 8.118 min
Delta R.T.: -0.006 min
Response: 2105411
Conc: 1.49 ng/ml m



#22 Mirex

R.T.: 7.036 min
Delta R.T.: -0.006 min
Response: 2274700
Conc: 1.53 ng/ml



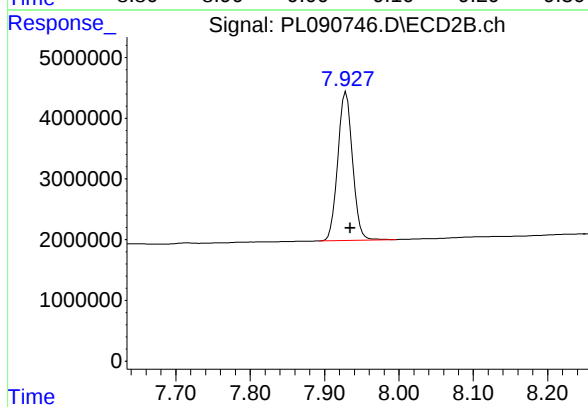
#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: -0.007 min
Response: 31635821
Conc: 23.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



#28 Decachlorobiphenyl

R.T.: 7.929 min
Delta R.T.: -0.006 min
Response: 33677591
Conc: 23.10 ng/ml