

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080224\
 Data File : PL090750.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2024 13:23
 Operator : AR\AJ
 Sample : P3390-08
 Misc : PEST LOQ 5PPB/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-WATER-02-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 00:33:03 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...	3.544	2.786	41374760	34689942	19.871	20.612
28)	SA Decachlor...	9.052	7.928	31569397	34770568	23.757m	23.847
Target Compounds							
2)	A alpha-BHC	3.998	3.288	13428456	9041794	4.525m	3.742m
3)	MA gamma-BHC...	4.330	3.620	12856503	9650395	4.591m	4.185
4)	MA Heptachlor	4.919	3.960	12658392	9260948	4.974m	4.198
5)	MB Aldrin	5.262	4.239	12628068	8917393	5.054	4.192m
6)	B beta-BHC	4.527	3.918	6324670	4939860	4.986m	4.786
7)	B delta-BHC	4.775	4.147	13791857	8748766	5.144	3.977m
8)	B Heptachlo...	5.686	4.743	12840730	9070463	5.463m	4.651
9)	A Endosulfan I	6.071	5.113	11043371	8248330	5.164m	4.510
10)	B gamma-Chl...	5.941	4.993	11967581	9305112	5.147m	4.590
11)	B alpha-Chl...	6.021	5.057	11848230	9369601	5.161m	4.637
12)	B 4,4'-DDE	6.194	5.244	10472406	7674503	5.179	4.294m
13)	MA Dieldrin	6.346	5.377	11663638	8705192	5.250m	4.439
14)	MA Endrin	6.575	5.652	8710034	7534591	4.738m	4.378
15)	B Endosulfa...	6.795	5.946	10750125	8227324	5.466m	4.816
16)	A 4,4'-DDD	6.709	5.798	9200055	7122257	5.450m	4.754m
17)	MA 4,4'-DDT	7.024	6.050	7772655	5611853	4.618	3.830
18)	B Endrin al...	6.925	6.125	8227327	6647177	5.545	5.088
19)	B Endosulfa...	7.158	6.347	9794723	8045484	5.577m	4.989
20)	A Methoxychlor	7.498	6.624	3968418	3579319	4.495m	4.427m
21)	B Endrin ke...	7.642	6.853	10616317	8716164	5.561m	4.769
22)	Mirex	8.116	7.035	8792074	8339737	6.208m	5.610

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080224\
Data File : PL090750.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2024 13:23
Operator : AR\AJ
Sample : P3390-08
Misc : PEST LOQ 5PPB/WATER
ALS Vial : 12 Sample Multiplier: 1

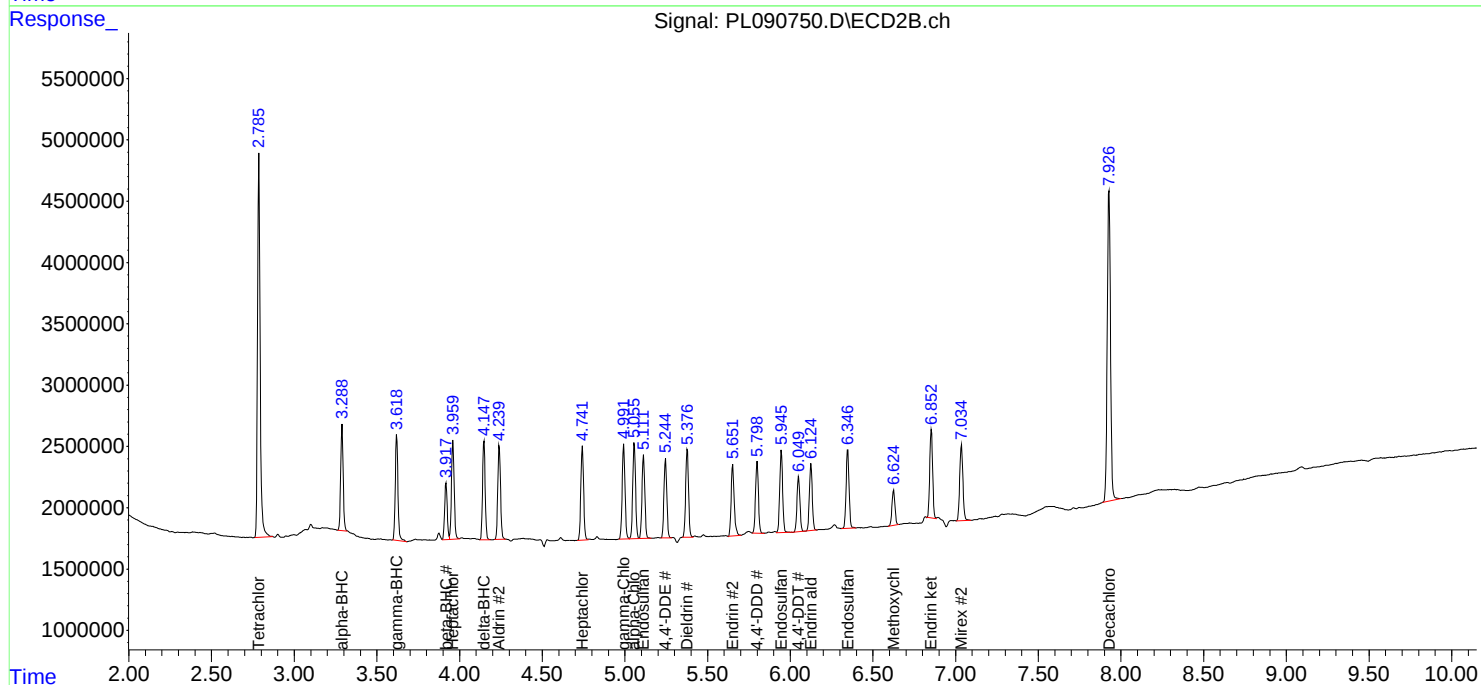
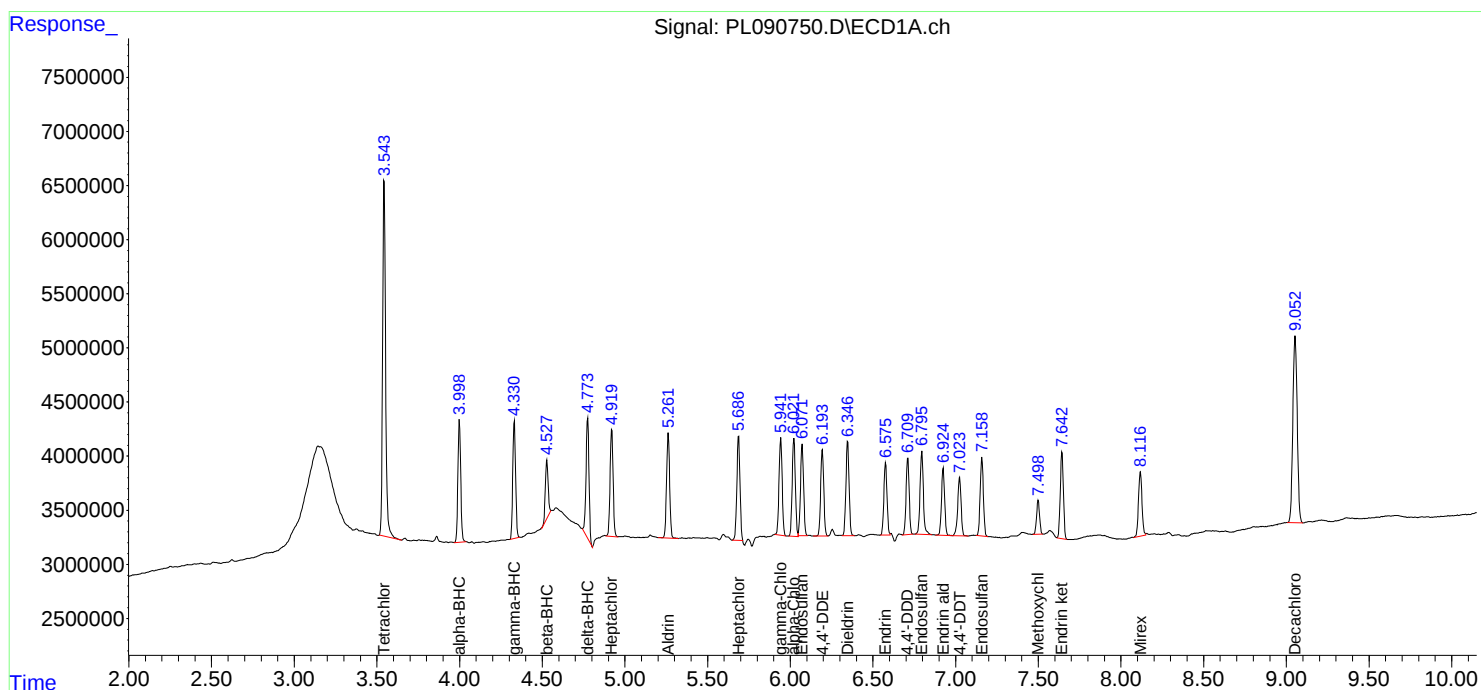
Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024

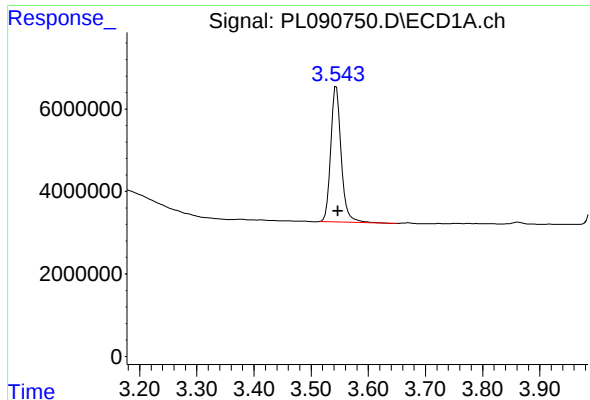
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 03 00:33:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title : GC Extractables
QLast Update : Mon Jul 15 14:16:48 2024
Response via : Initial Calibration
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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





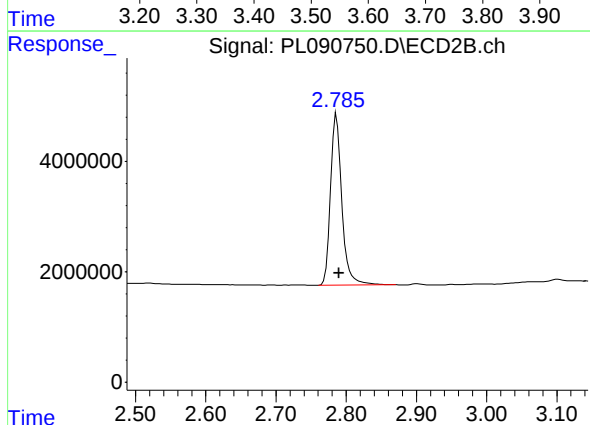
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: -0.003 min
Response: 41374760
Conc: 19.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024

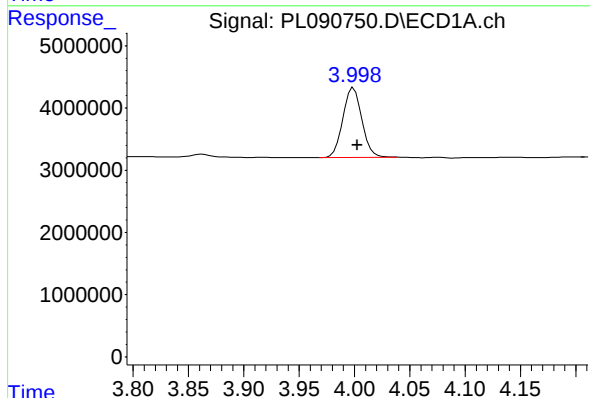
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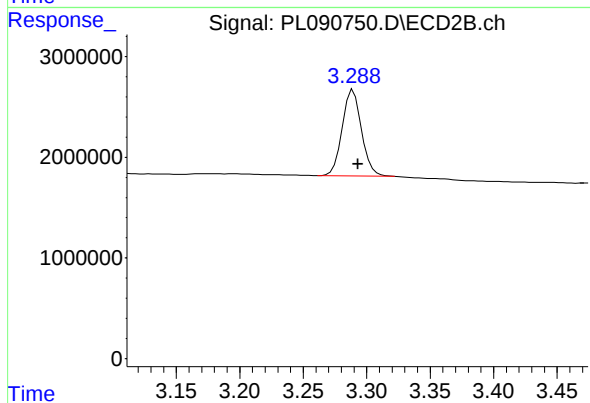
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: -0.004 min
Response: 34689942
Conc: 20.61 ng/ml



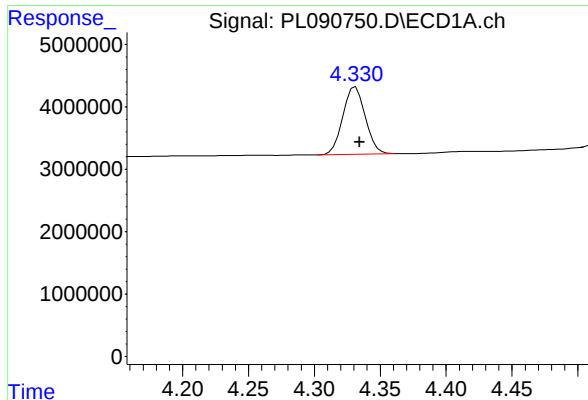
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: -0.004 min
Response: 13428456
Conc: 4.53 ng/ml m



#2 alpha-BHC

R.T.: 3.288 min
Delta R.T.: -0.005 min
Response: 9041794
Conc: 3.74 ng/ml m



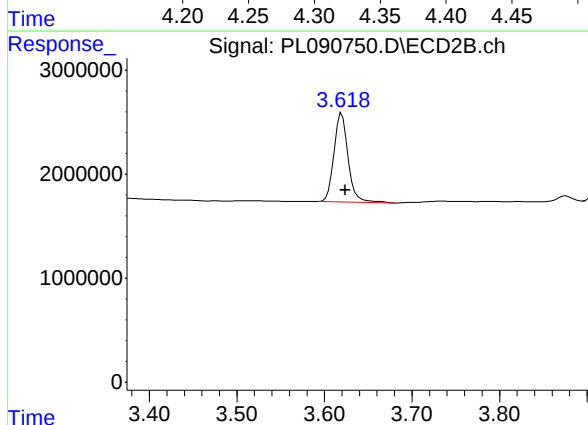
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: -0.005 min
Response: 12856503
Conc: 4.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024

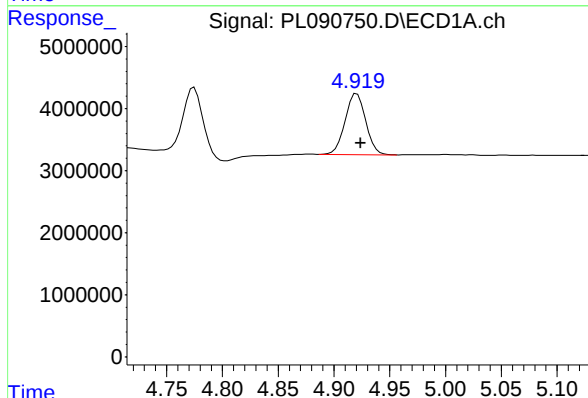
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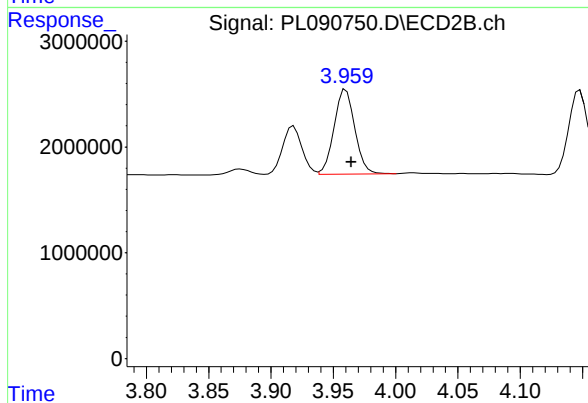
#3 gamma-BHC (Lindane)

R.T.: 3.620 min
Delta R.T.: -0.004 min
Response: 9650395
Conc: 4.18 ng/ml



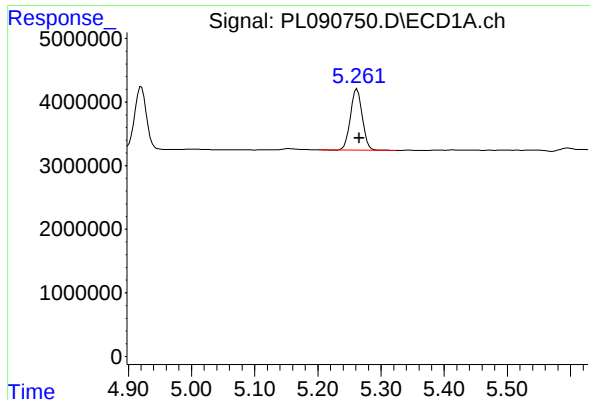
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.005 min
Response: 12658392
Conc: 4.97 ng/ml m



#4 Heptachlor

R.T.: 3.960 min
Delta R.T.: -0.004 min
Response: 9260948
Conc: 4.20 ng/ml



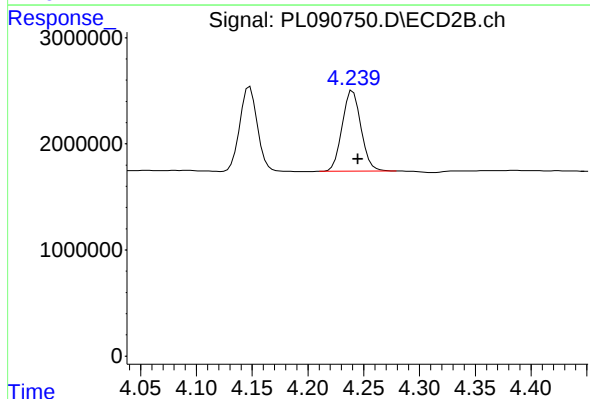
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: -0.003 min
Response: 12628068
Conc: 5.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024

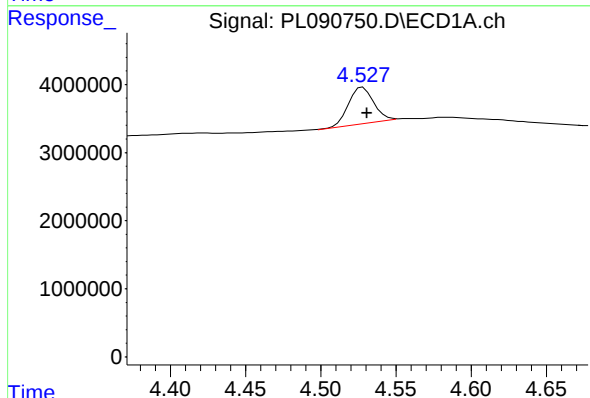
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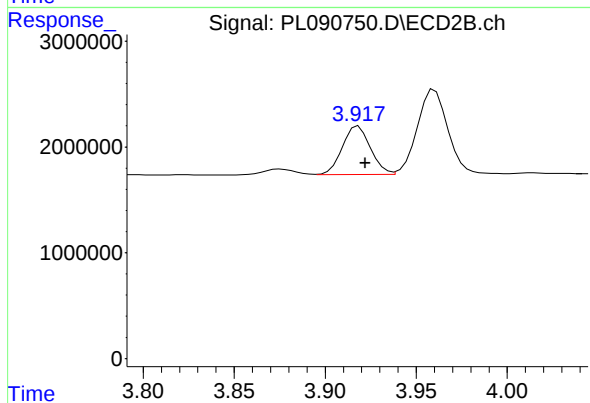
#5 Aldrin

R.T.: 4.239 min
Delta R.T.: -0.006 min
Response: 8917393
Conc: 4.19 ng/ml m



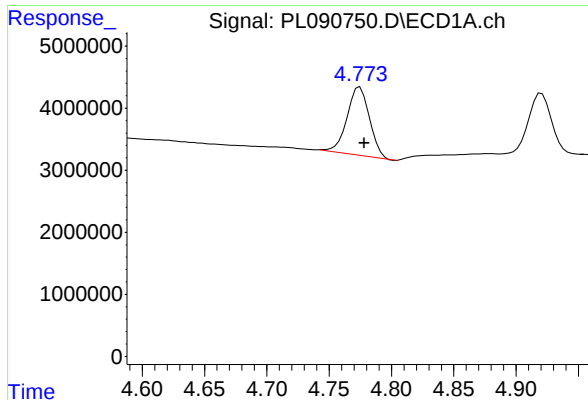
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: -0.004 min
Response: 6324670
Conc: 4.99 ng/ml m



#6 beta-BHC

R.T.: 3.918 min
Delta R.T.: -0.004 min
Response: 4939860
Conc: 4.79 ng/ml



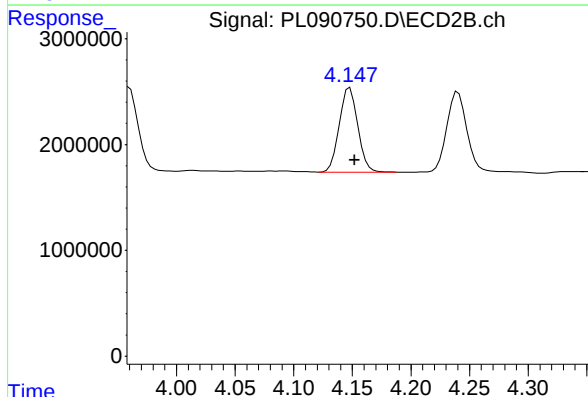
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: -0.003 min
Response: 13791857
Conc: 5.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024

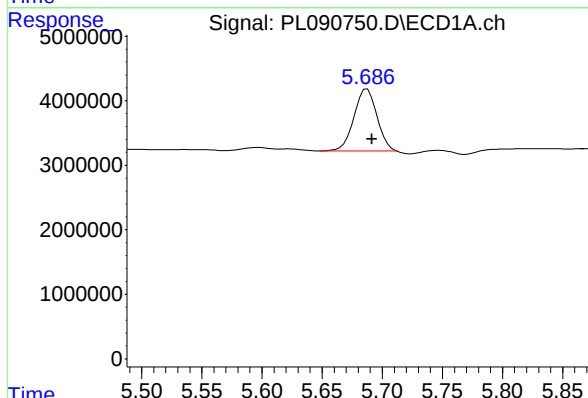
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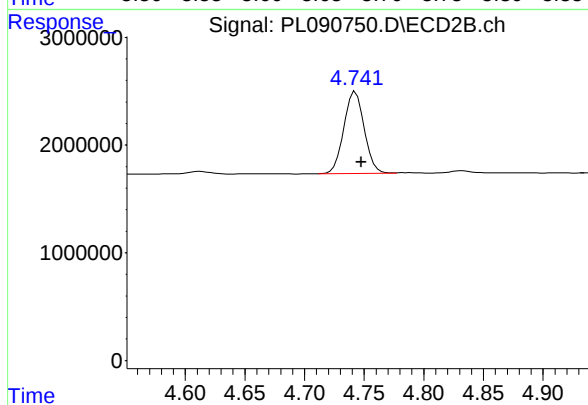
#7 delta-BHC

R.T.: 4.147 min
Delta R.T.: -0.005 min
Response: 8748766
Conc: 3.98 ng/ml m



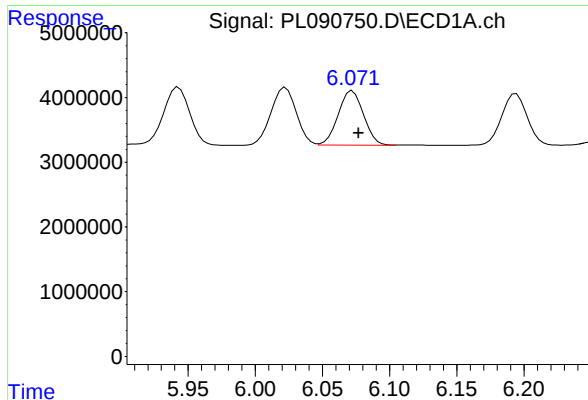
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.005 min
Response: 12840730
Conc: 5.46 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.743 min
Delta R.T.: -0.005 min
Response: 9070463
Conc: 4.65 ng/ml



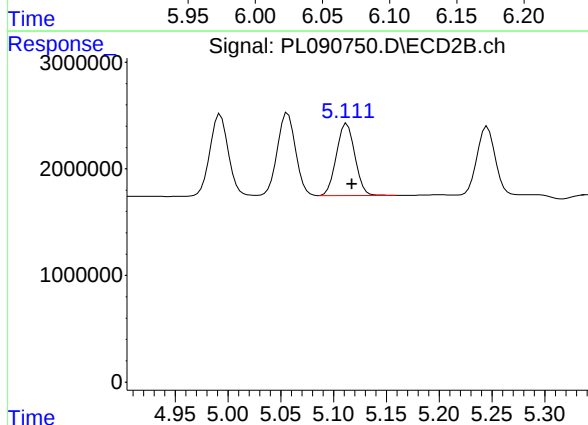
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: -0.006 min
Response: 11043371
Conc: 5.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024

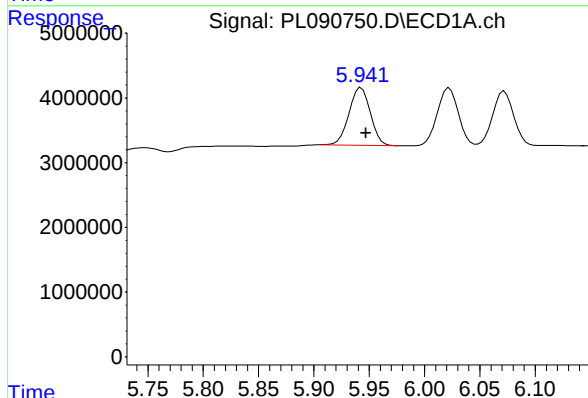
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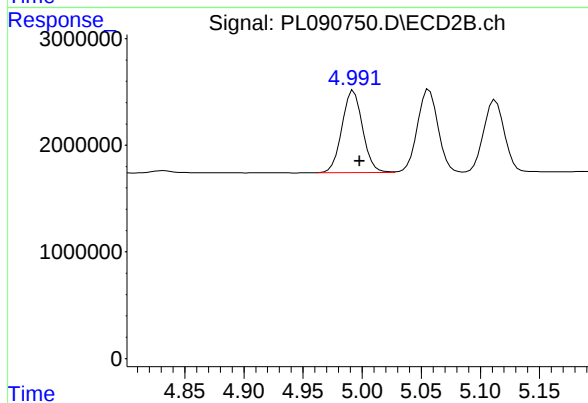
#9 Endosulfan I

R.T.: 5.113 min
Delta R.T.: -0.005 min
Response: 8248330
Conc: 4.51 ng/ml



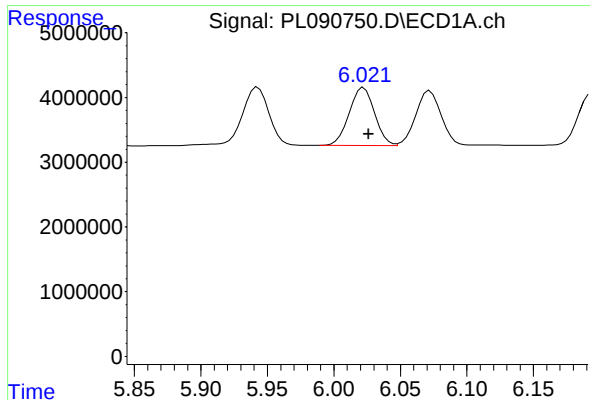
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.006 min
Response: 11967581
Conc: 5.15 ng/ml m



#10 gamma-Chlordane

R.T.: 4.993 min
Delta R.T.: -0.005 min
Response: 9305112
Conc: 4.59 ng/ml



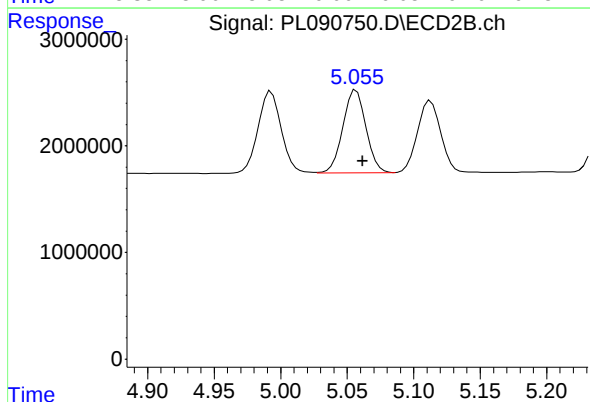
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: -0.005 min
Response: 11848230
Conc: 5.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024

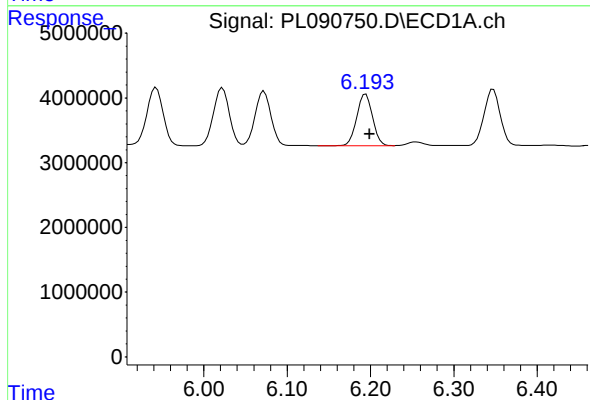
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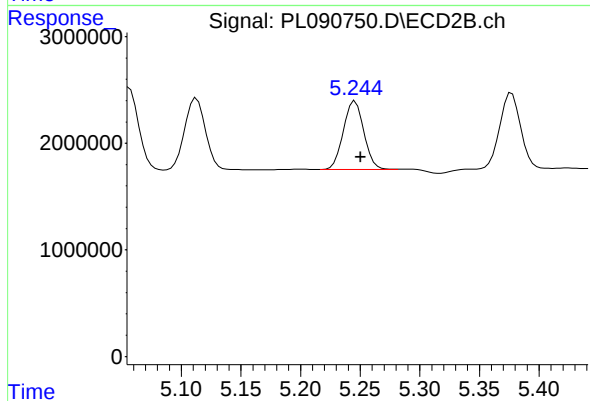
#11 alpha-Chlordane

R.T.: 5.057 min
Delta R.T.: -0.005 min
Response: 9369601
Conc: 4.64 ng/ml



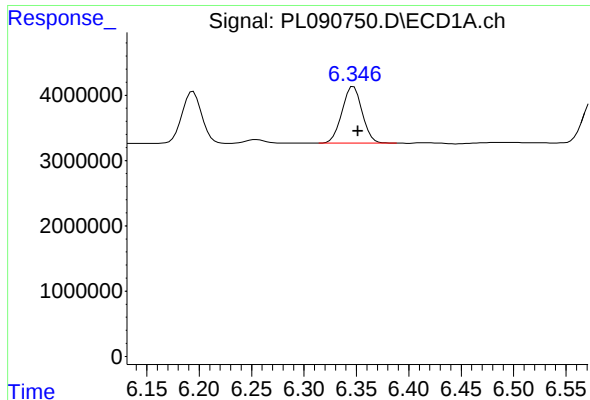
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.005 min
Response: 10472406
Conc: 5.18 ng/ml



#12 4,4'-DDE

R.T.: 5.244 min
Delta R.T.: -0.006 min
Response: 7674503
Conc: 4.29 ng/ml m



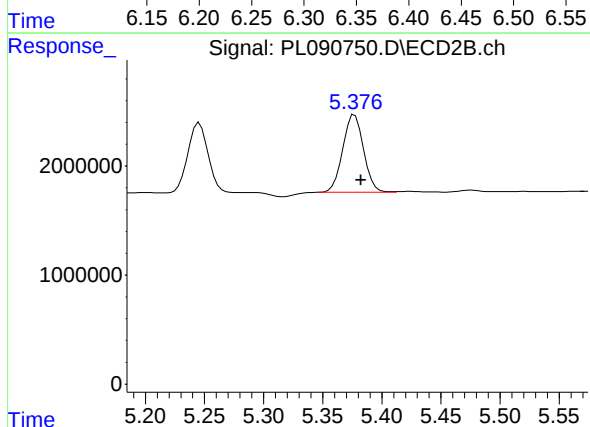
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.006 min
Response: 11663638
Conc: 5.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024

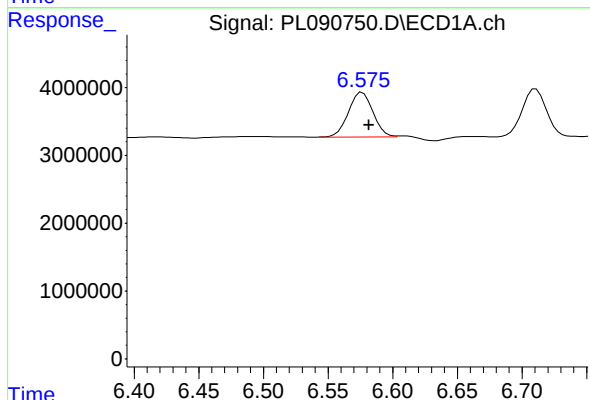
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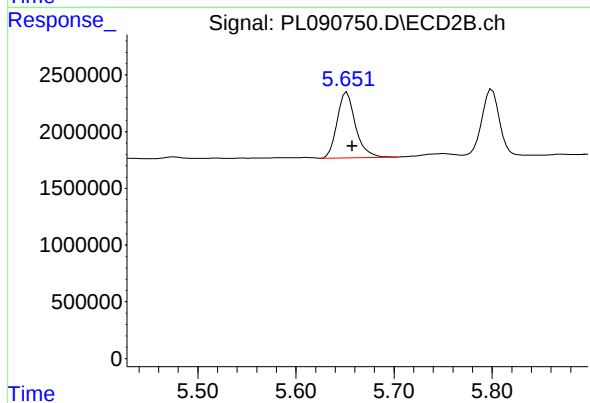
#13 Dieldrin

R.T.: 5.377 min
Delta R.T.: -0.005 min
Response: 8705192
Conc: 4.44 ng/ml



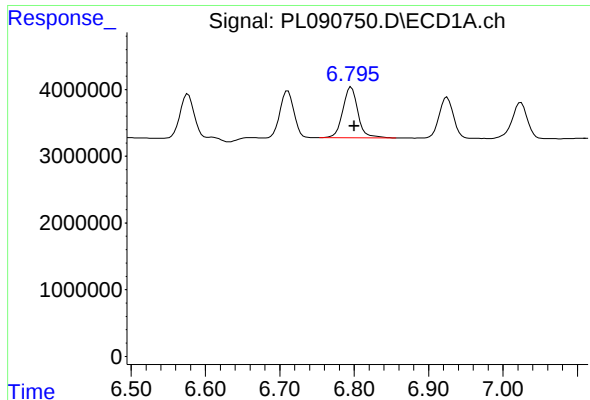
#14 Endrin

R.T.: 6.575 min
Delta R.T.: -0.007 min
Response: 8710034
Conc: 4.74 ng/ml m



#14 Endrin

R.T.: 5.652 min
Delta R.T.: -0.006 min
Response: 7534591
Conc: 4.38 ng/ml



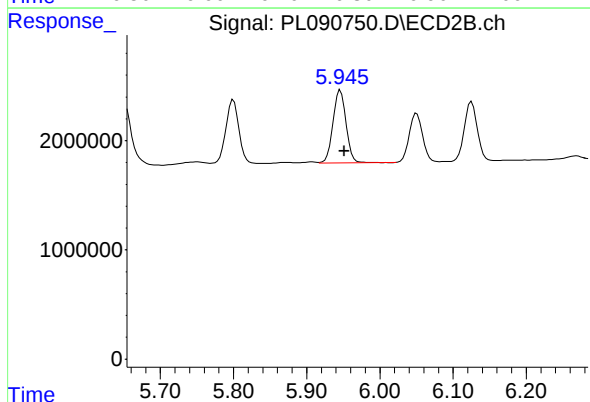
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: -0.006 min
Response: 10750125
Conc: 5.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
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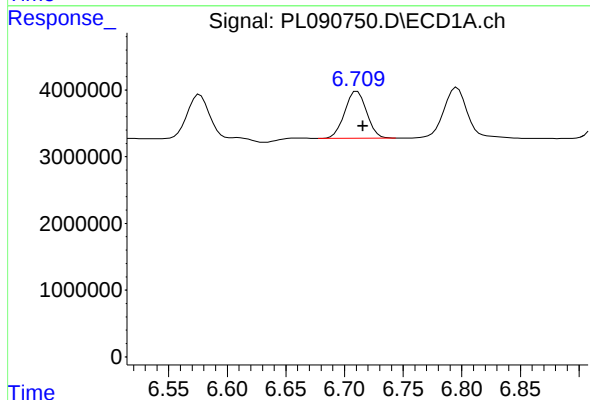
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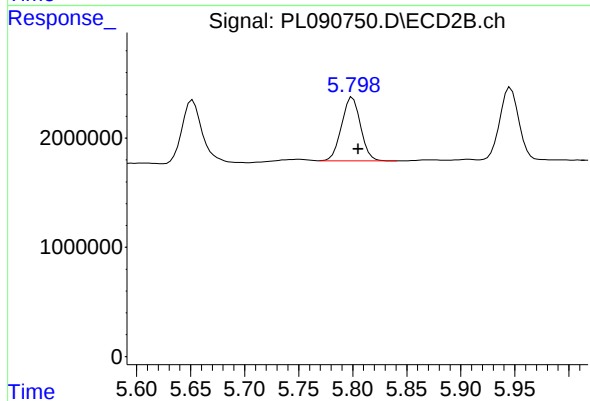
#15 Endosulfan II

R.T.: 5.946 min
Delta R.T.: -0.006 min
Response: 8227324
Conc: 4.82 ng/ml



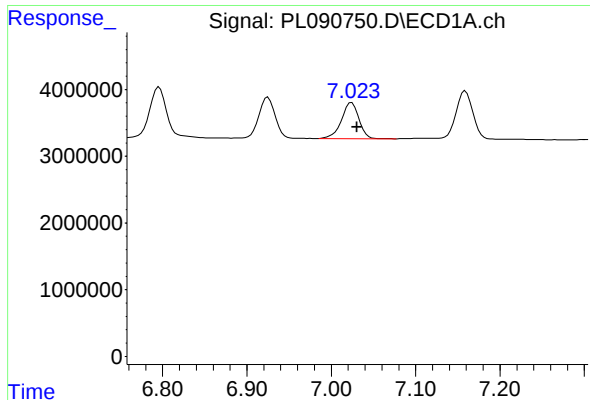
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: -0.006 min
Response: 9200055
Conc: 5.45 ng/ml m



#16 4,4'-DDD

R.T.: 5.798 min
Delta R.T.: -0.007 min
Response: 7122257
Conc: 4.75 ng/ml m



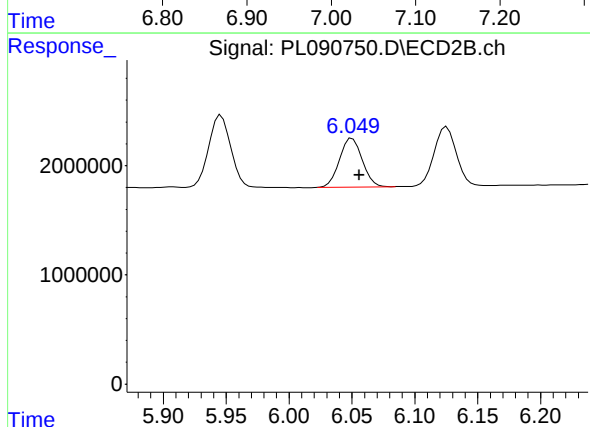
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: -0.006 min
Response: 7772655
Conc: 4.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024

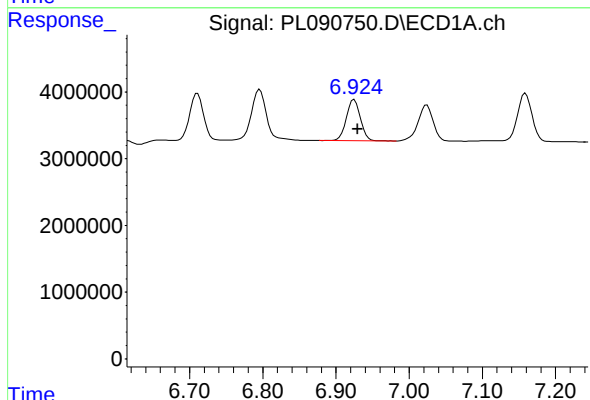
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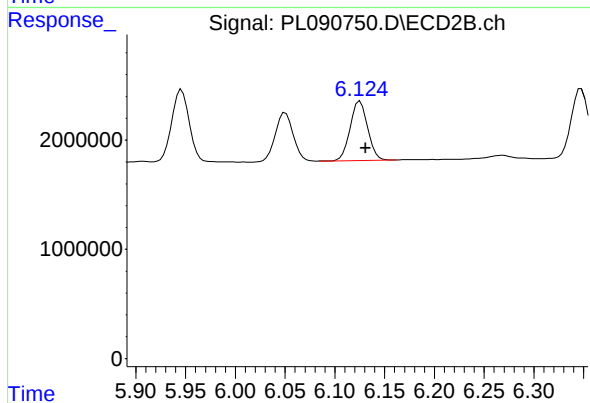
#17 4,4'-DDT

R.T.: 6.050 min
Delta R.T.: -0.005 min
Response: 5611853
Conc: 3.83 ng/ml



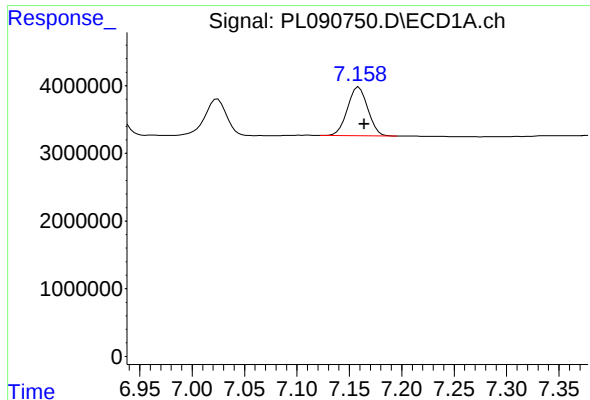
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: -0.005 min
Response: 8227327
Conc: 5.55 ng/ml



#18 Endrin aldehyde

R.T.: 6.125 min
Delta R.T.: -0.005 min
Response: 6647177
Conc: 5.09 ng/ml



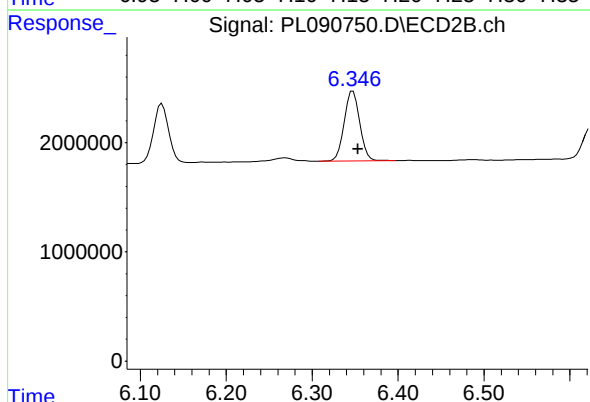
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: -0.007 min
Response: 9794723
Conc: 5.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024

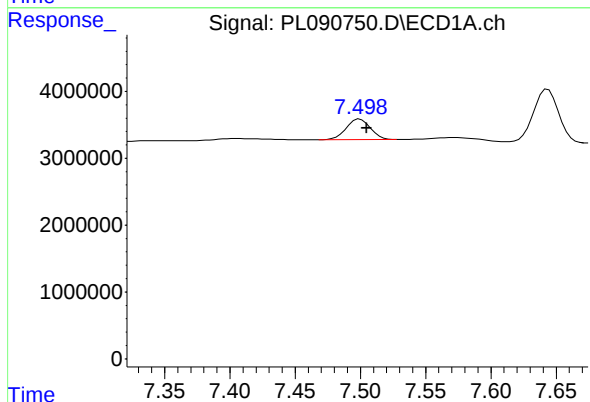
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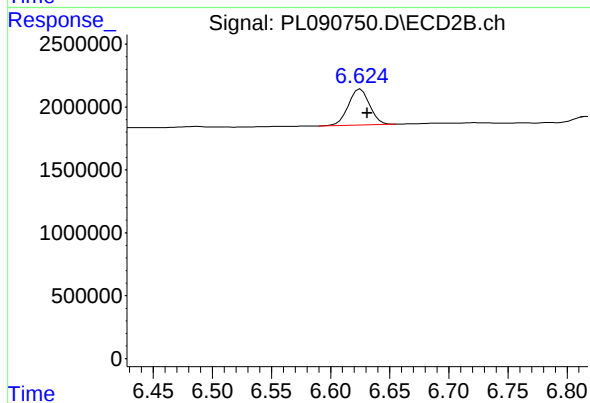
#19 Endosulfan Sulfate

R.T.: 6.347 min
Delta R.T.: -0.006 min
Response: 8045484
Conc: 4.99 ng/ml



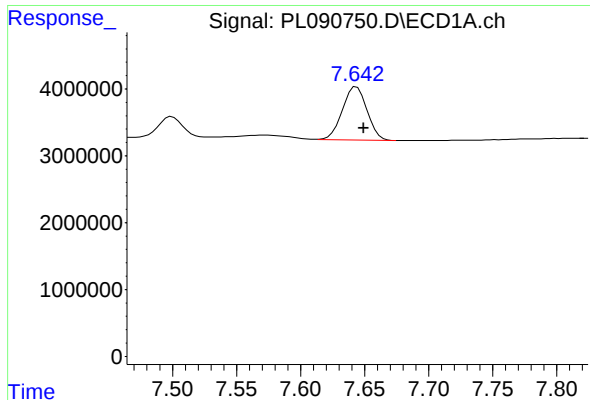
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.007 min
Response: 3968418
Conc: 4.49 ng/ml m



#20 Methoxychlor

R.T.: 6.624 min
Delta R.T.: -0.007 min
Response: 3579319
Conc: 4.43 ng/ml m



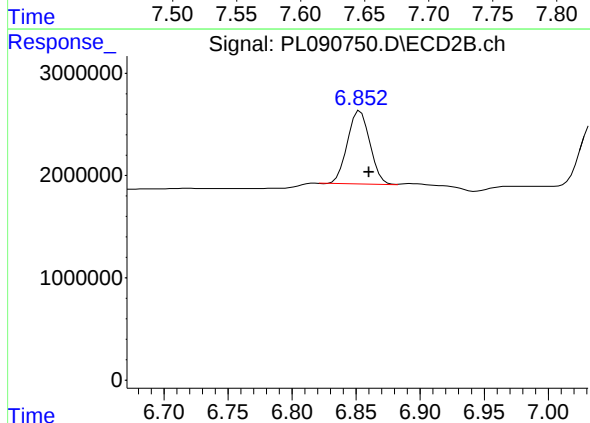
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.007 min
Response: 10616317
Conc: 5.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024

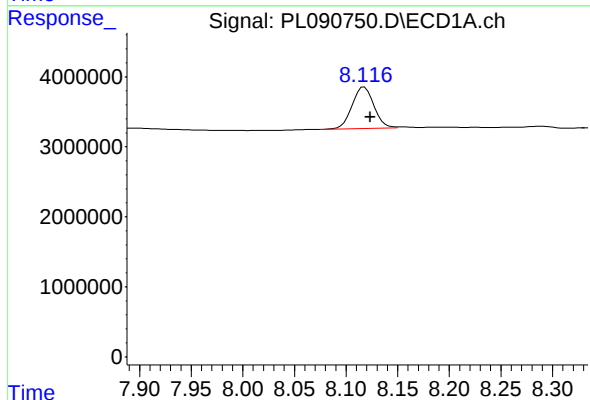
Manual Integrations
APPROVED

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



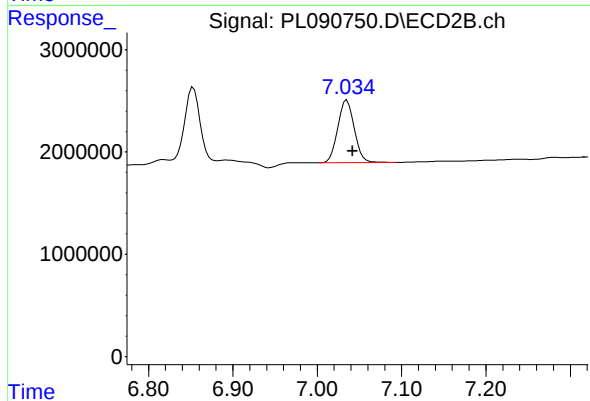
#21 Endrin ketone

R.T.: 6.853 min
Delta R.T.: -0.007 min
Response: 8716164
Conc: 4.77 ng/ml



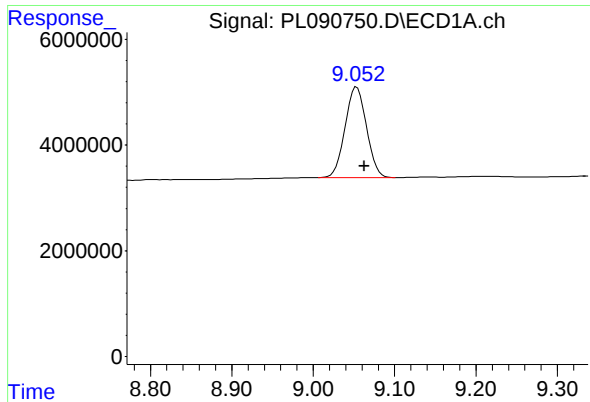
#22 Mirex

R.T.: 8.116 min
Delta R.T.: -0.007 min
Response: 8792074
Conc: 6.21 ng/ml m



#22 Mirex

R.T.: 7.035 min
Delta R.T.: -0.007 min
Response: 8339737
Conc: 5.61 ng/ml



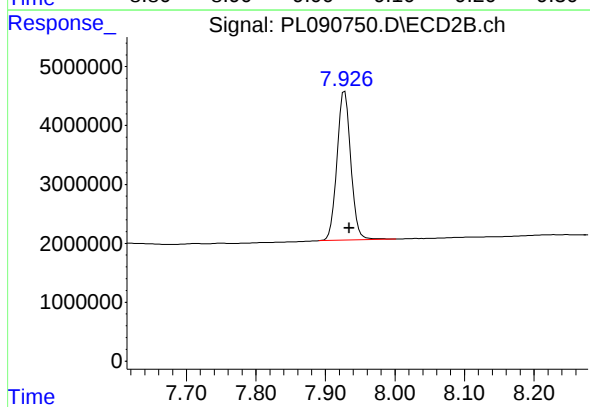
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: -0.011 min
Response: 31569397
Conc: 23.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.928 min
Delta R.T.: -0.007 min
Response: 34770568
Conc: 23.85 ng/ml