

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060223\
 Data File : PL083184.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2023 15:49
 Operator : AR\AJ
 Sample : 02213-08
 Misc : PEST LOQ 5PPB
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/05/2023
 Supervised By :Ankita Jodhani 06/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 05:36:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 2023
 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...	3.319	2.630	59893005	53969616	20.379	20.789
2)	SA Decachlor...	8.737	7.737	52331138	59955358	24.951	24.112
Target Compounds							
2)	A alpha-BHC	3.768	3.126	16248442	14018728	3.660	3.757
3)	MA gamma-BHC...	4.096	3.453	16953015	14046418	4.092	4.214
4)	MA Heptachlor	4.674	3.783	16883292	15143411	4.417	4.136
5)	MB Aldrin	5.010	4.059	15669766	13879586	4.454	4.266
6)	B beta-BHC	4.301	3.754	7900132	6170515	4.196	4.315
7)	B delta-BHC	4.541	3.979	18074305	13062714	5.256	3.987
8)	B Heptachlo...	5.437	4.561	13416129	13293861	4.194	4.479
9)	A Endosulfan I	5.816	4.928	14163782	12846140	4.720m	4.597
10)	B gamma-Chl...	5.690	4.810	14847241	14145547	4.673m	4.710
11)	B alpha-Chl...	5.768	4.872	15468064	14131412	4.820m	4.707
12)	B 4,4'-DDE	5.948	5.063	12253412	10236930	4.445	4.215
13)	MA Dieldrin	6.092	5.193	14136183	12600413	4.700	4.464
14)	MA Endrin	6.319	5.467	12090508	10922035	4.499	4.305
15)	B Endosulfa...	6.539	5.762	19331143	12574225	3.328m	5.082m#
16)	A 4,4'-DDD	6.465	5.617	15756006	8624042	7.251	4.484m#
17)	MA 4,4'-DDT	6.774	5.866	12015839	9064281	4.800m	4.063
18)	B Endrin al...	6.672	5.944	11008827	11726947	5.475	5.930
19)	B Endosulfa...	6.906	6.166	12615952	11369214	4.921	4.642m
20)	A Methoxychlor	7.256	6.446	7052012	6344312	5.333	4.989
21)	B Endrin ke...	7.384	6.671	11786119	12521697	4.621m	4.631
22)	Mirex	7.849	6.842	11173824	11178766	5.331	4.778

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

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 Acq On : 02 Jun 2023 15:49
 Operator : AR\AJ
 Sample : 02213-08
 Misc : PEST LOQ 5PPB
 ALS Vial : 14 Sample Multiplier: 1

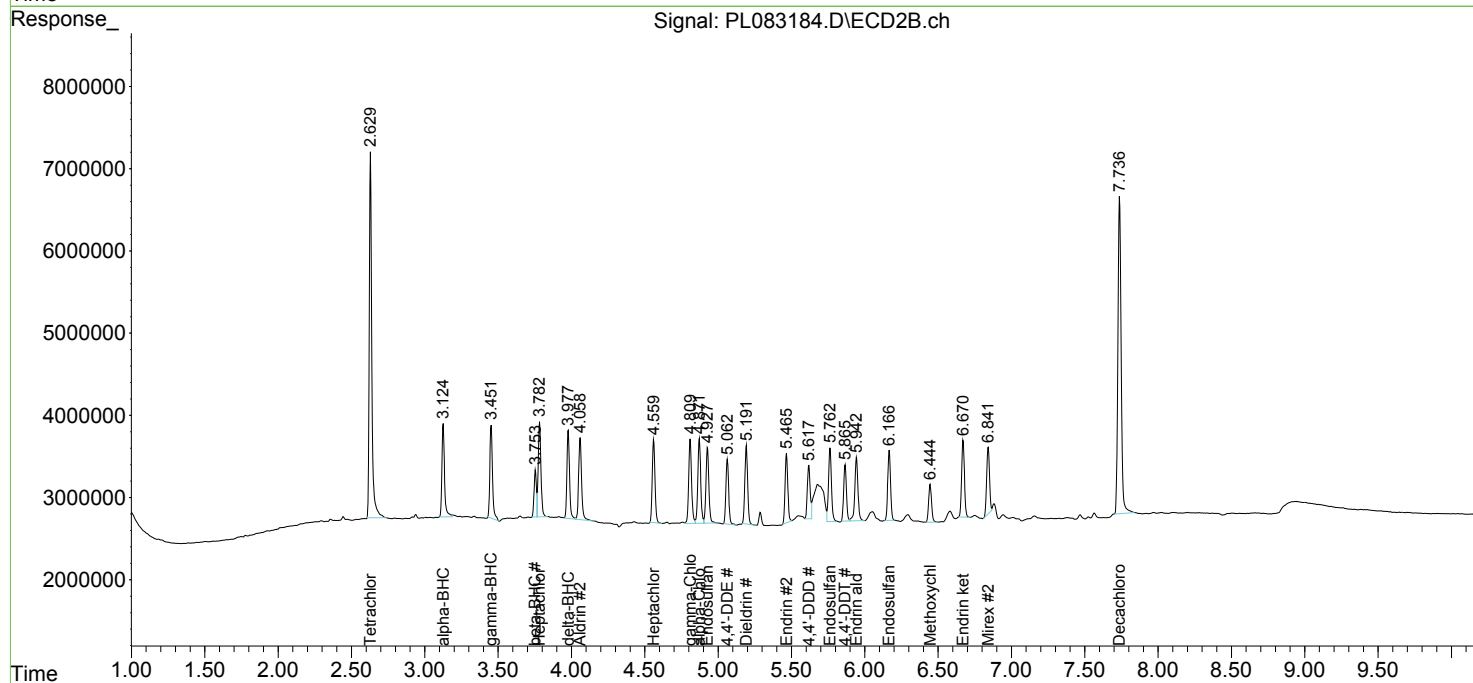
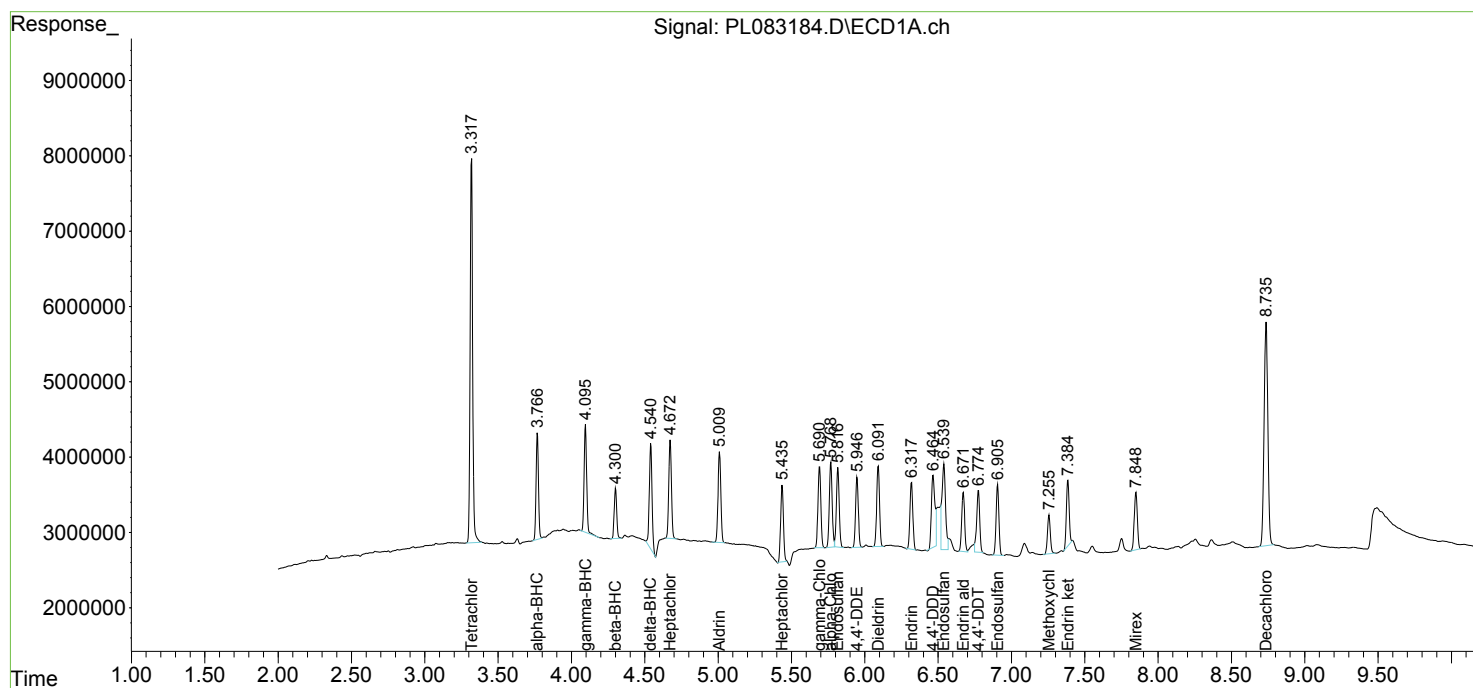
Instrument :
 ECD_L
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 LOQ-WATER-02-QT2-2023

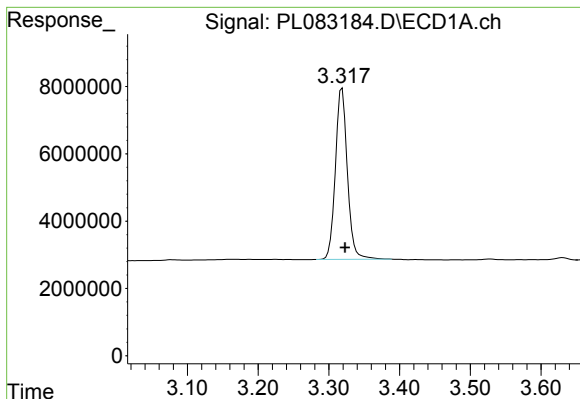
Manual Integrations APPROVED

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 Supervised By :Ankita Jodhani 06/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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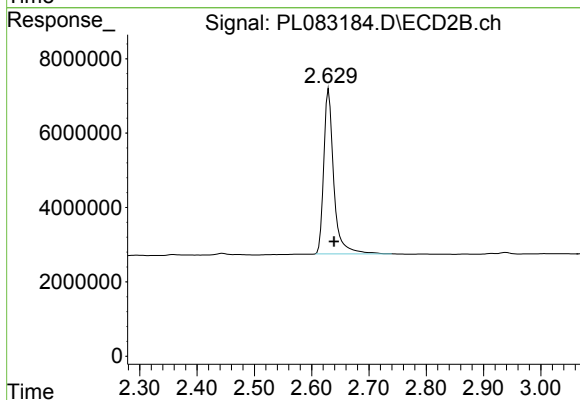
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 59893005
Conc: 20.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2023

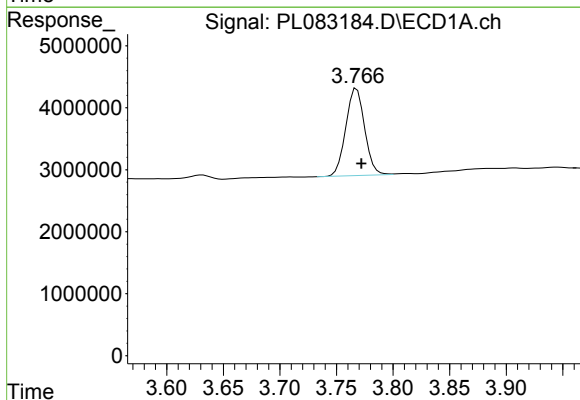
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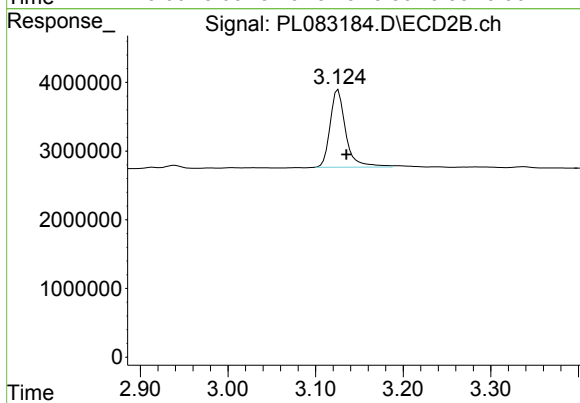
#1 Tetrachloro-m-xylene

R.T.: 2.630 min
Delta R.T.: -0.009 min
Response: 53969616
Conc: 20.79 ng/ml



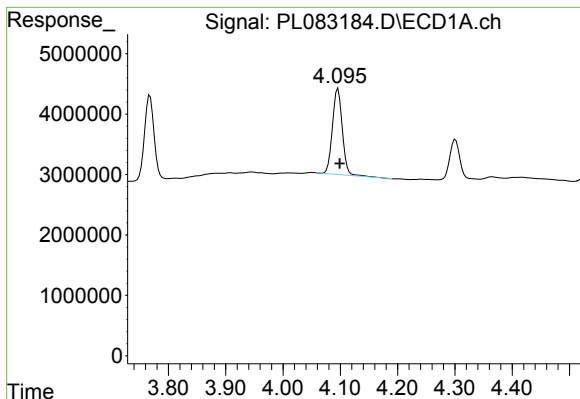
#2 alpha-BHC

R.T.: 3.768 min
Delta R.T.: -0.004 min
Response: 16248442
Conc: 3.66 ng/ml



#2 alpha-BHC

R.T.: 3.126 min
Delta R.T.: -0.009 min
Response: 14018728
Conc: 3.76 ng/ml



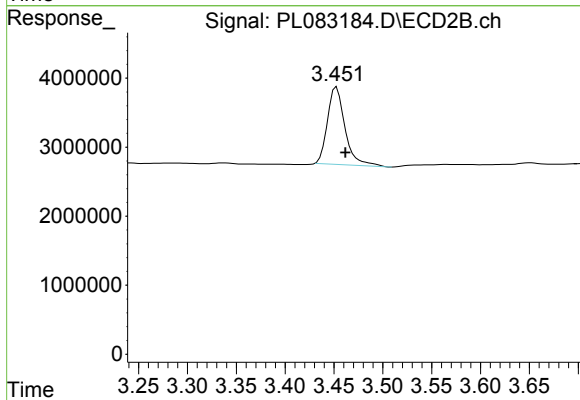
#3 gamma-BHC (Lindane)

R.T.: 4.096 min
Delta R.T.: -0.003 min
Response: 16953015
Conc: 4.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2023

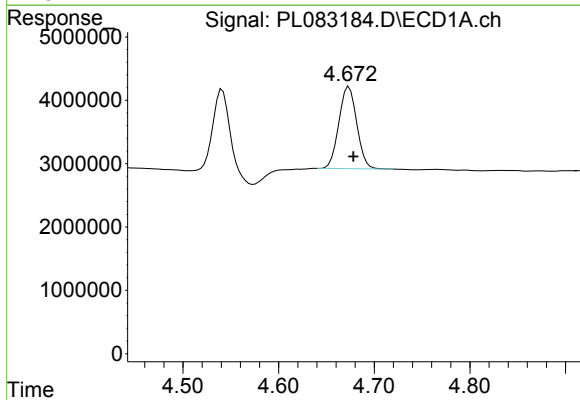
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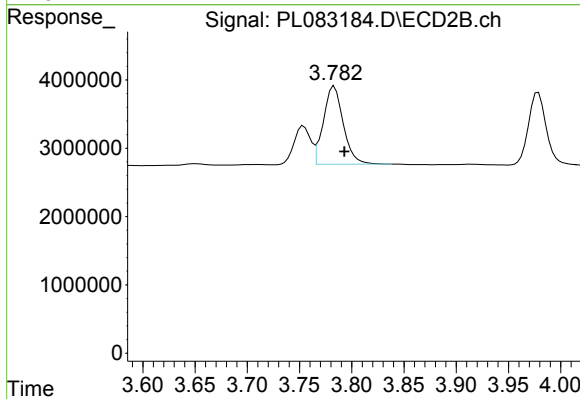
#3 gamma-BHC (Lindane)

R.T.: 3.453 min
Delta R.T.: -0.009 min
Response: 14046418
Conc: 4.21 ng/ml



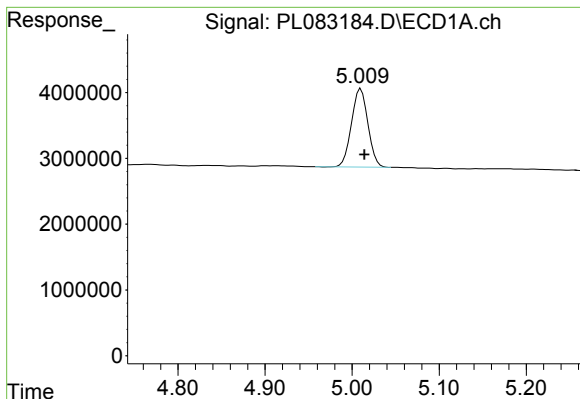
#4 Heptachlor

R.T.: 4.674 min
Delta R.T.: -0.004 min
Response: 16883292
Conc: 4.42 ng/ml



#4 Heptachlor

R.T.: 3.783 min
Delta R.T.: -0.010 min
Response: 15143411
Conc: 4.14 ng/ml



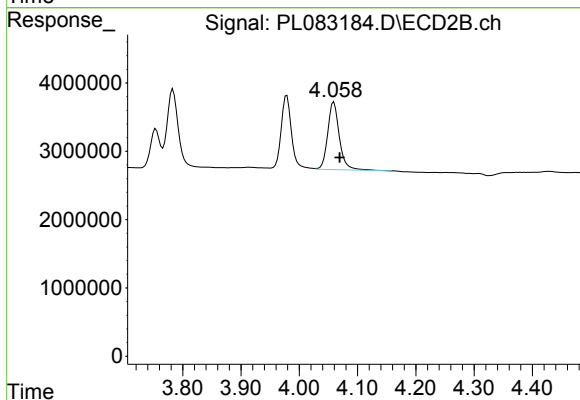
#5 Aldrin

R.T.: 5.010 min
Delta R.T.: -0.004 min
Response: 15669766
Conc: 4.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2023

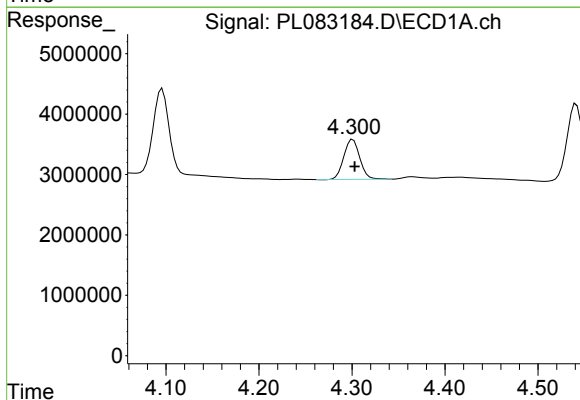
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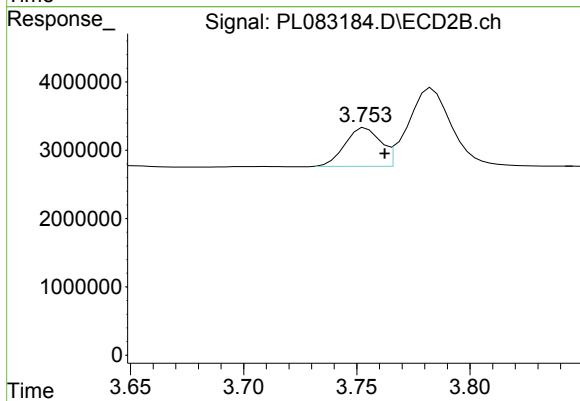
#5 Aldrin

R.T.: 4.059 min
Delta R.T.: -0.010 min
Response: 13879586
Conc: 4.27 ng/ml



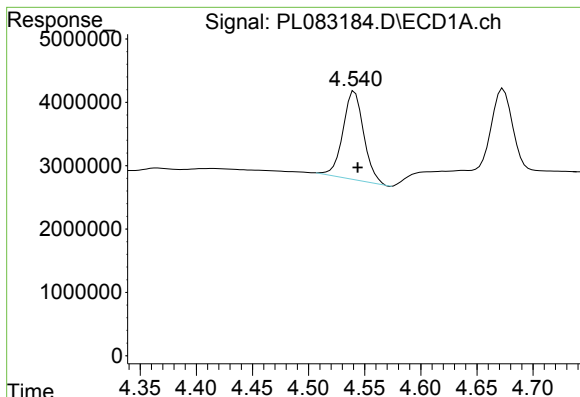
#6 beta-BHC

R.T.: 4.301 min
Delta R.T.: -0.002 min
Response: 7900132
Conc: 4.20 ng/ml



#6 beta-BHC

R.T.: 3.754 min
Delta R.T.: -0.008 min
Response: 6170515
Conc: 4.31 ng/ml



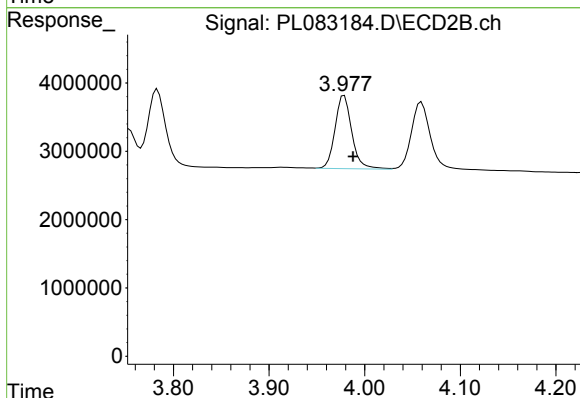
#7 delta-BHC

R.T.: 4.541 min
Delta R.T.: -0.003 min
Response: 18074305
Conc: 5.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2023

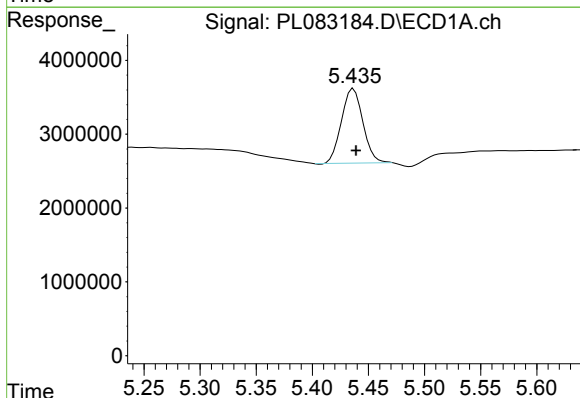
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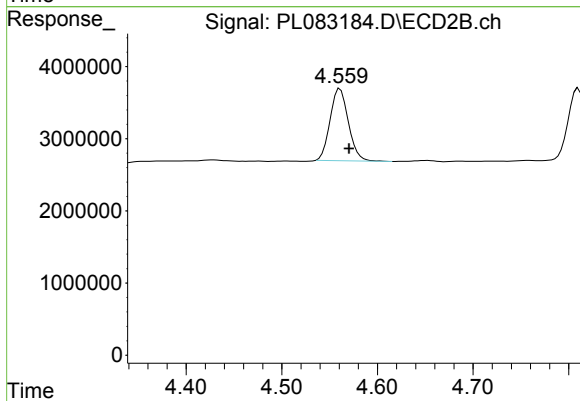
#7 delta-BHC

R.T.: 3.979 min
Delta R.T.: -0.009 min
Response: 13062714
Conc: 3.99 ng/ml



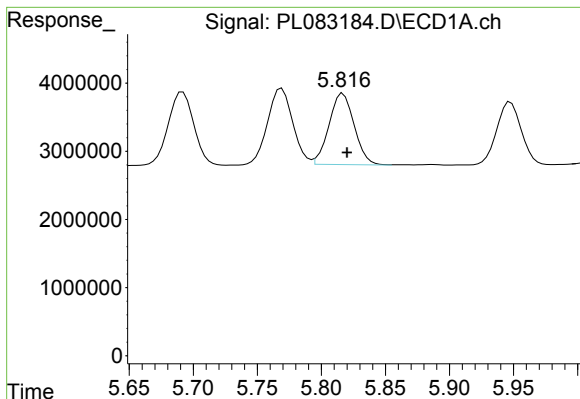
#8 Heptachlor epoxide

R.T.: 5.437 min
Delta R.T.: -0.002 min
Response: 13416129
Conc: 4.19 ng/ml



#8 Heptachlor epoxide

R.T.: 4.561 min
Delta R.T.: -0.009 min
Response: 13293861
Conc: 4.48 ng/ml



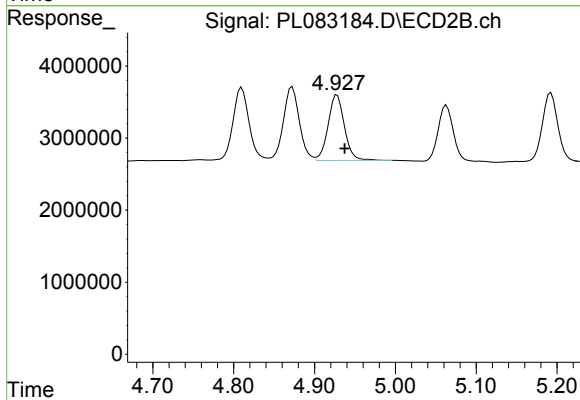
#9 Endosulfan I

R.T.: 5.816 min
Delta R.T.: -0.004 min
Response: 14163782
Conc: 4.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2023

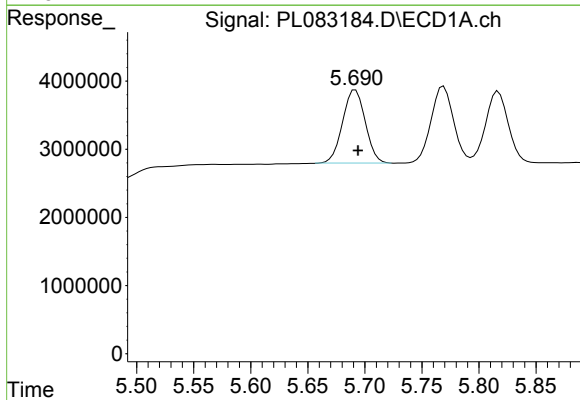
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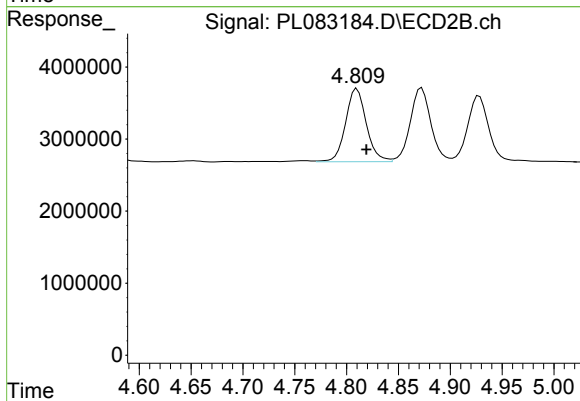
#9 Endosulfan I

R.T.: 4.928 min
Delta R.T.: -0.009 min
Response: 12846140
Conc: 4.60 ng/ml



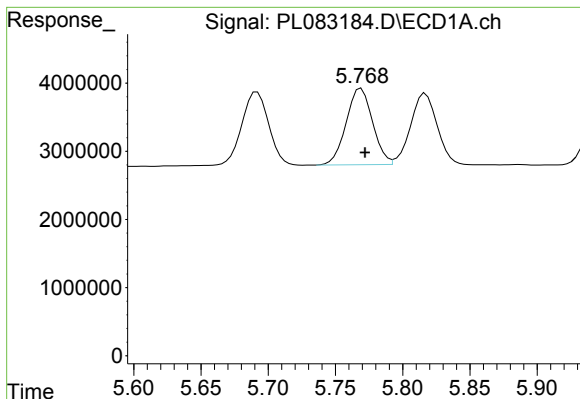
#10 gamma-Chlordane

R.T.: 5.690 min
Delta R.T.: -0.004 min
Response: 14847241
Conc: 4.67 ng/ml m



#10 gamma-Chlordane

R.T.: 4.810 min
Delta R.T.: -0.009 min
Response: 14145547
Conc: 4.71 ng/ml



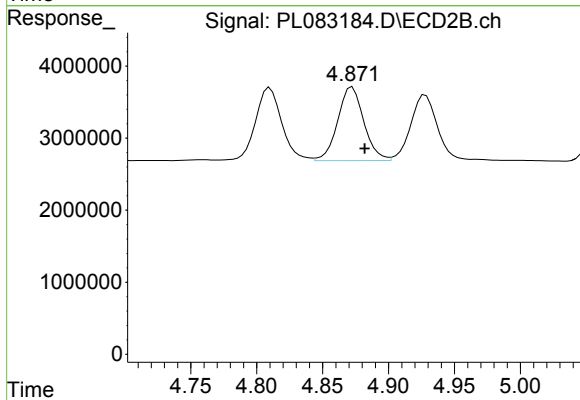
#11 alpha-Chlordane

R.T.: 5.768 min
Delta R.T.: -0.004 min
Response: 15468064
Conc: 4.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2023

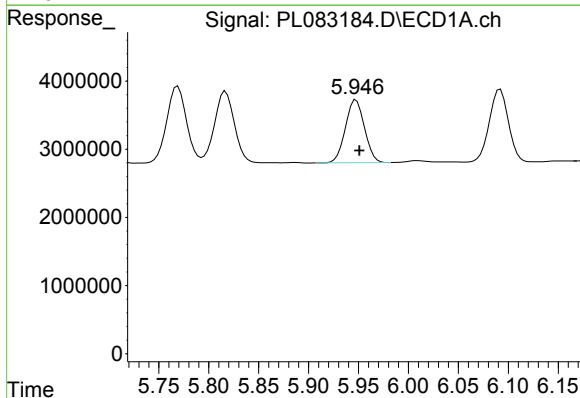
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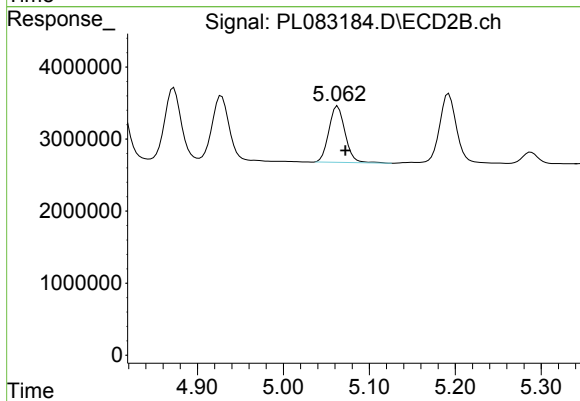
#11 alpha-Chlordane

R.T.: 4.872 min
Delta R.T.: -0.009 min
Response: 14131412
Conc: 4.71 ng/ml



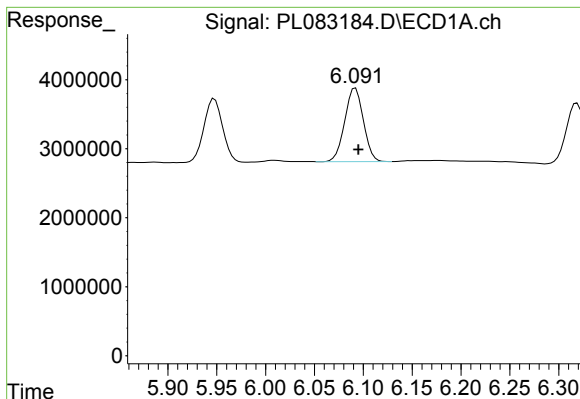
#12 4,4'-DDE

R.T.: 5.948 min
Delta R.T.: -0.003 min
Response: 12253412
Conc: 4.45 ng/ml



#12 4,4'-DDE

R.T.: 5.063 min
Delta R.T.: -0.009 min
Response: 10236930
Conc: 4.21 ng/ml



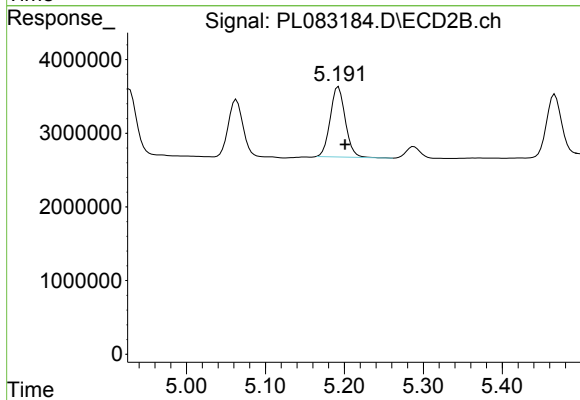
#13 Dieldrin

R.T.: 6.092 min
Delta R.T.: -0.003 min
Response: 14136183
Conc: 4.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2023

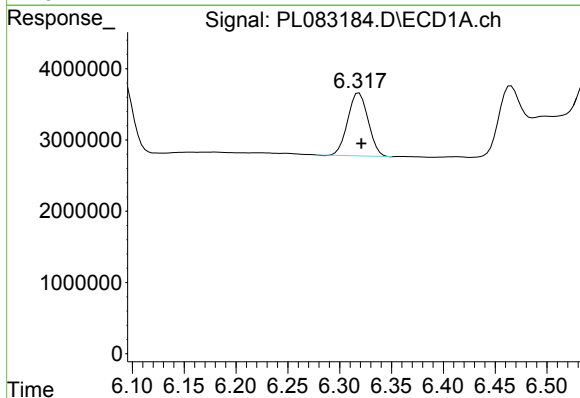
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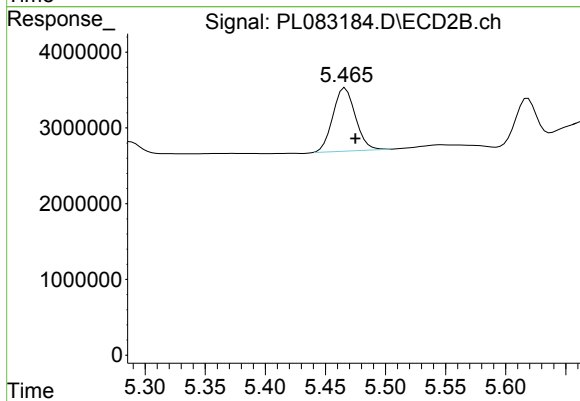
#13 Dieldrin

R.T.: 5.193 min
Delta R.T.: -0.009 min
Response: 12600413
Conc: 4.46 ng/ml



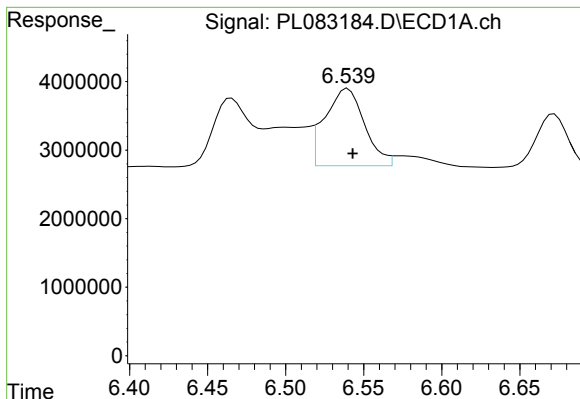
#14 Endrin

R.T.: 6.319 min
Delta R.T.: -0.002 min
Response: 12090508
Conc: 4.50 ng/ml



#14 Endrin

R.T.: 5.467 min
Delta R.T.: -0.008 min
Response: 10922035
Conc: 4.31 ng/ml



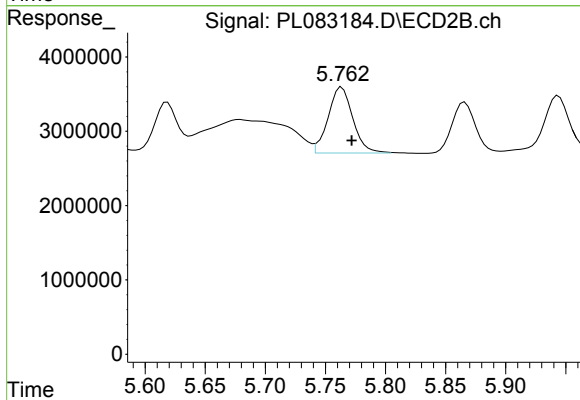
#15 Endosulfan II

R.T.: 6.539 min
Delta R.T.: -0.004 min
Response: 19331143
Conc: 3.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2023

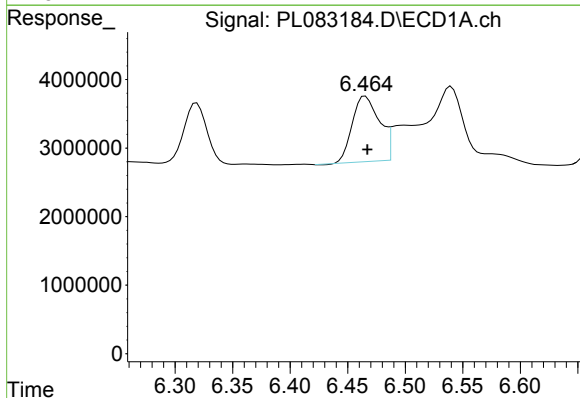
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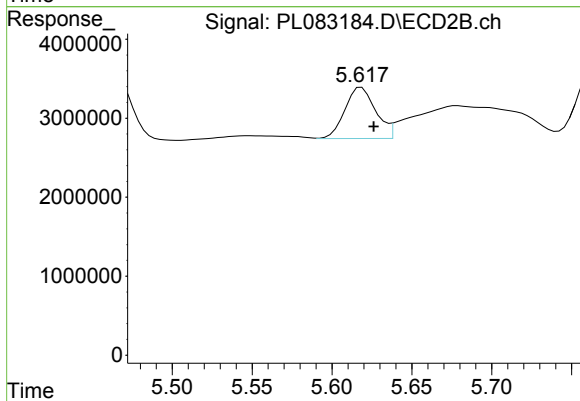
#15 Endosulfan II

R.T.: 5.762 min
Delta R.T.: -0.010 min
Response: 12574225
Conc: 5.08 ng/ml m



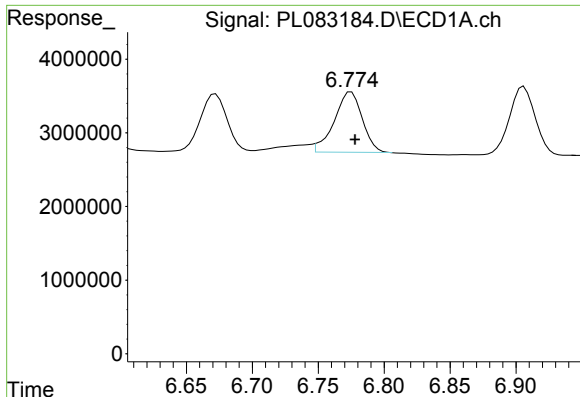
#16 4,4'-DDD

R.T.: 6.465 min
Delta R.T.: -0.002 min
Response: 15756006
Conc: 7.25 ng/ml



#16 4,4'-DDD

R.T.: 5.617 min
Delta R.T.: -0.009 min
Response: 8624042
Conc: 4.48 ng/ml m



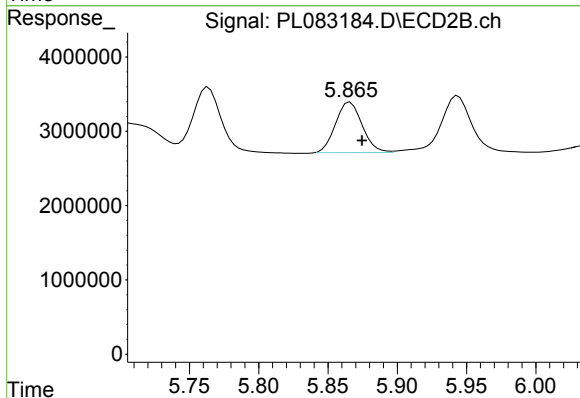
#17 4,4'-DDT

R.T.: 6.774 min
Delta R.T.: -0.004 min
Response: 12015839
Conc: 4.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2023

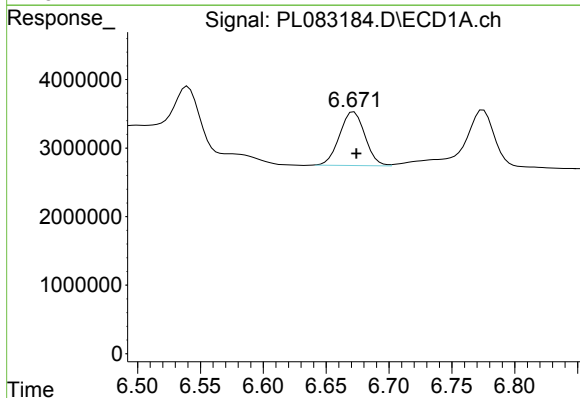
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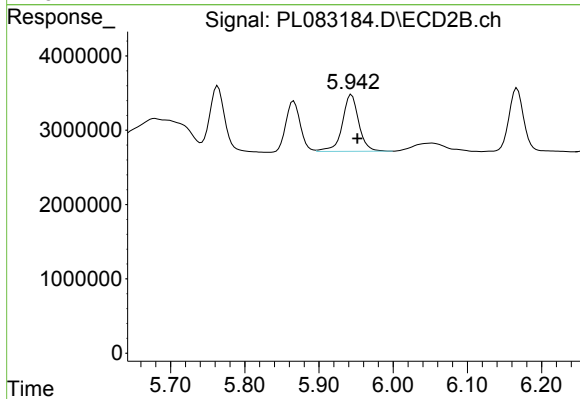
#17 4,4'-DDT

R.T.: 5.866 min
Delta R.T.: -0.009 min
Response: 9064281
Conc: 4.06 ng/ml



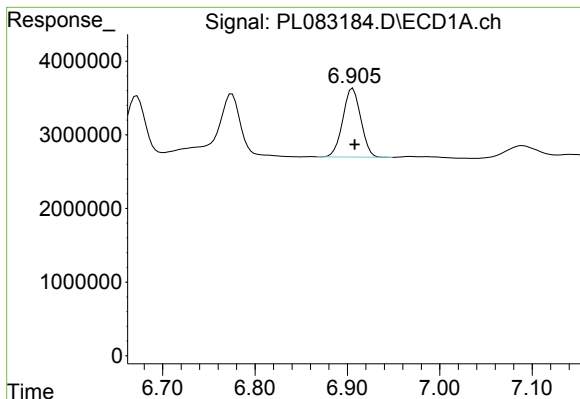
#18 Endrin aldehyde

R.T.: 6.672 min
Delta R.T.: -0.002 min
Response: 11008827
Conc: 5.48 ng/ml



#18 Endrin aldehyde

R.T.: 5.944 min
Delta R.T.: -0.008 min
Response: 11726947
Conc: 5.93 ng/ml



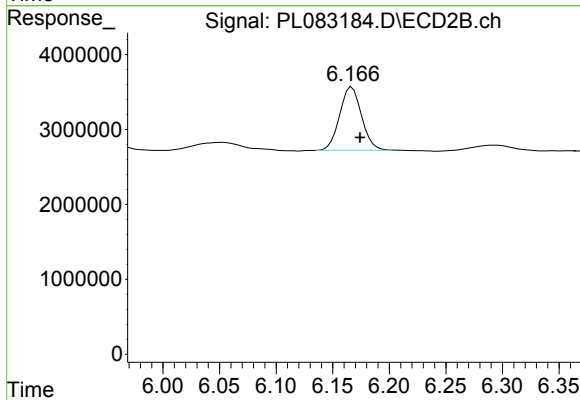
#19 Endosulfan Sulfate

R.T.: 6.906 min
Delta R.T.: -0.002 min
Response: 12615952
Conc: 4.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2023

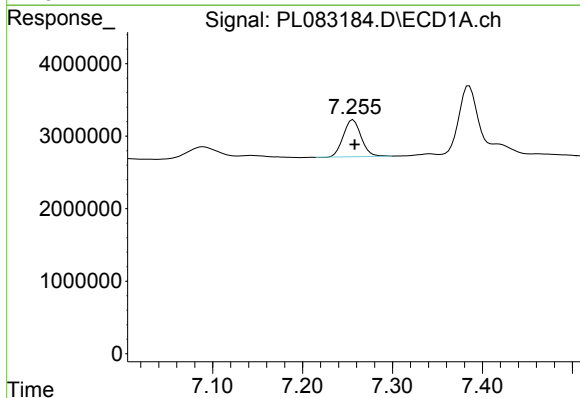
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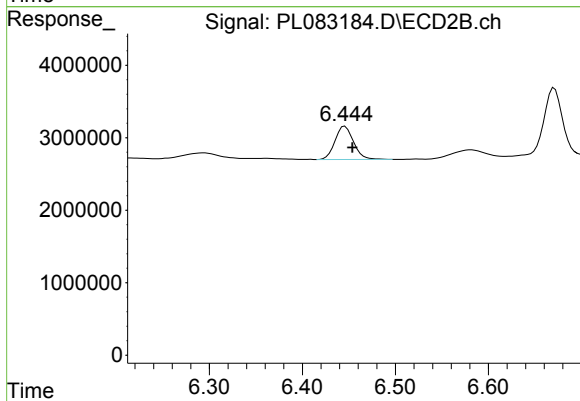
#19 Endosulfan Sulfate

R.T.: 6.166 min
Delta R.T.: -0.009 min
Response: 11369214
Conc: 4.64 ng/ml m



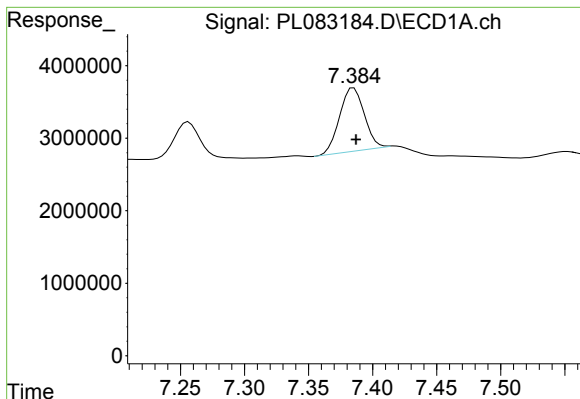
#20 Methoxychlor

R.T.: 7.256 min
Delta R.T.: -0.002 min
Response: 7052012
Conc: 5.33 ng/ml



#20 Methoxychlor

R.T.: 6.446 min
Delta R.T.: -0.008 min
Response: 6344312
Conc: 4.99 ng/ml



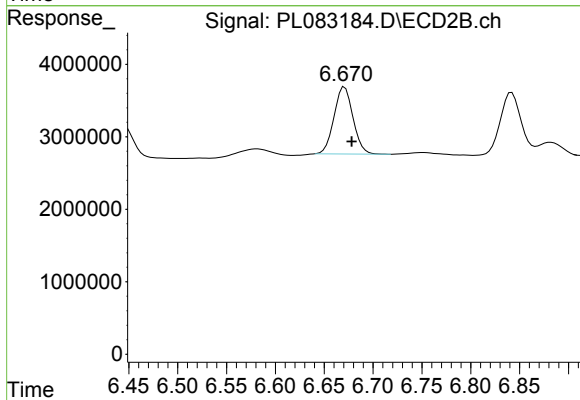
#21 Endrin ketone

R.T.: 7.384 min
Delta R.T.: -0.003 min
Response: 11786119
Conc: 4.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2023

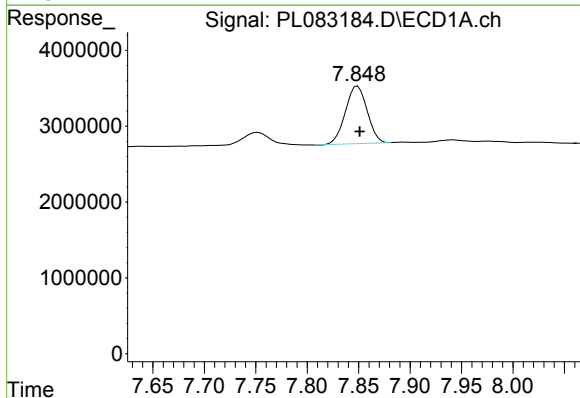
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/05/2023
Supervised By :Ankita Jodhani 06/05/2023



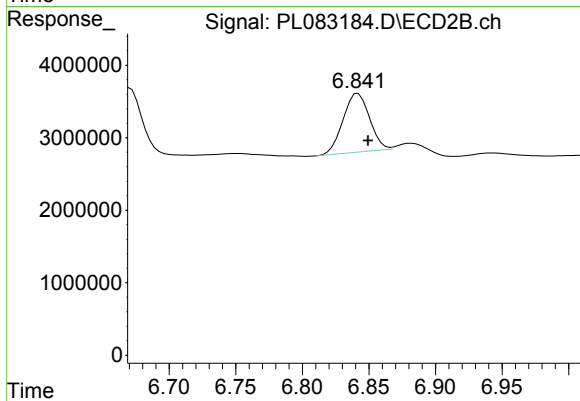
#21 Endrin ketone

R.T.: 6.671 min
Delta R.T.: -0.007 min
Response: 12521697
Conc: 4.63 ng/ml



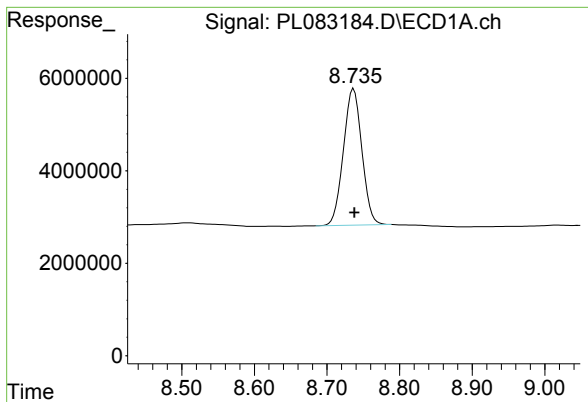
#22 Mirex

R.T.: 7.849 min
Delta R.T.: -0.002 min
Response: 11173824
Conc: 5.33 ng/ml



#22 Mirex

R.T.: 6.842 min
Delta R.T.: -0.007 min
Response: 11178766
Conc: 4.78 ng/ml



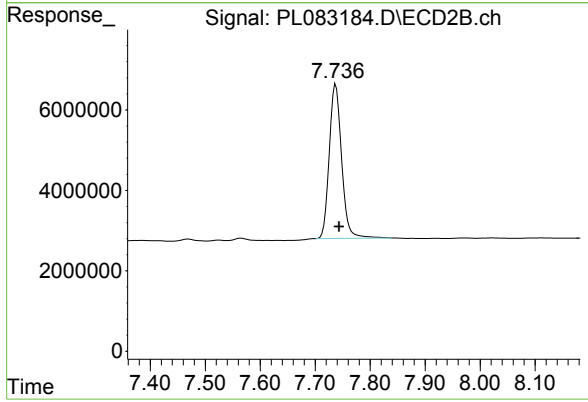
#28 Decachlorobiphenyl

R.T.: 8.737 min
Delta R.T.: -0.001 min
Response: 52331138
Conc: 24.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2023

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/05/2023
Supervised By :Ankita Jodhani 06/05/2023



#28 Decachlorobiphenyl

R.T.: 7.737 min
Delta R.T.: -0.006 min
Response: 59955358
Conc: 24.11 ng/ml