

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031622\
 Data File : PL073428.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2022 18:24
 Operator : AR\AJ
 Sample : N1645-08
 Misc : PEST LOQ 5PPB
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-WATER-02-QT1-2022

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/17/2022
 Supervised By :Ankita Jodhani 03/17/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 06:37:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 2022
 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...	4.642	5.491	6128565	33298628	19.135	20.289
28)	SA Decachlor...	10.417	11.329	9902710	35834374	19.474	20.040
Target Compounds							
2)	A alpha-BHC	5.350	6.053	1836333	9867740	4.455	4.386
3)	MA gamma-BHC...	5.773	6.442	2024476	9922583	4.853	4.647
4)	MA Heptachlor	6.185	7.102	2269412	11773381	5.030	5.025
5)	MB Aldrin	6.510	7.469	2055770	10508320	4.976	5.016
6)	B beta-BHC	6.153	6.678	1061489	5993872	5.155	5.750
7)	B delta-BHC	6.415	6.946	1857812	11081095	4.625	5.145
8)	B Heptachlo...	7.087	7.925	2252851	10527222	5.227	5.271
9)	A Endosulfan I	7.491	8.325	2097527	9356154	5.113	5.126
10)	B gamma-Chl...	7.365	8.193	2296845	10869134	5.252	5.322
11)	B alpha-Chl...	7.435	8.276	2303453	10430229	5.212	5.215
12)	B 4,4'-DDE	7.649	8.460	1669366	8795553	4.652	4.907
13)	MA Dieldrin	7.777	8.610	2103742	9360031	5.050	5.074
14)	MA Endrin	8.068	8.844	2069301	7992695	5.333	5.192
15)	B Endosulfa...	8.378	9.068	2203344	8039857	5.637	5.235
16)	A 4,4'-DDD	8.234	8.987	1516764	7251650	4.671	4.968
17)	MA 4,4'-DDT	8.496	9.305	1802281	7693438	4.766	4.707
18)	B Endrin al...	8.567	9.199	1877601	7074318	5.937	5.769m
19)	B Endosulfa...	8.798	9.438	2279661	8185610	5.397	5.194
20)	A Methoxychlor	9.091	9.784	1336735	4726831	5.211	5.246
21)	B Endrin ke...	9.317	9.926	2442095	7743917	4.992	4.692
22)	Mirex	9.505	10.403	2766887	7359685	5.867	5.418

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

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 Data File : PL073428.D
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 Acq On : 16 Mar 2022 18:24
 Operator : AR\AJ
 Sample : N1645-08
 Misc : PEST LOQ 5PPB
 ALS Vial : 20 Sample Multiplier: 1

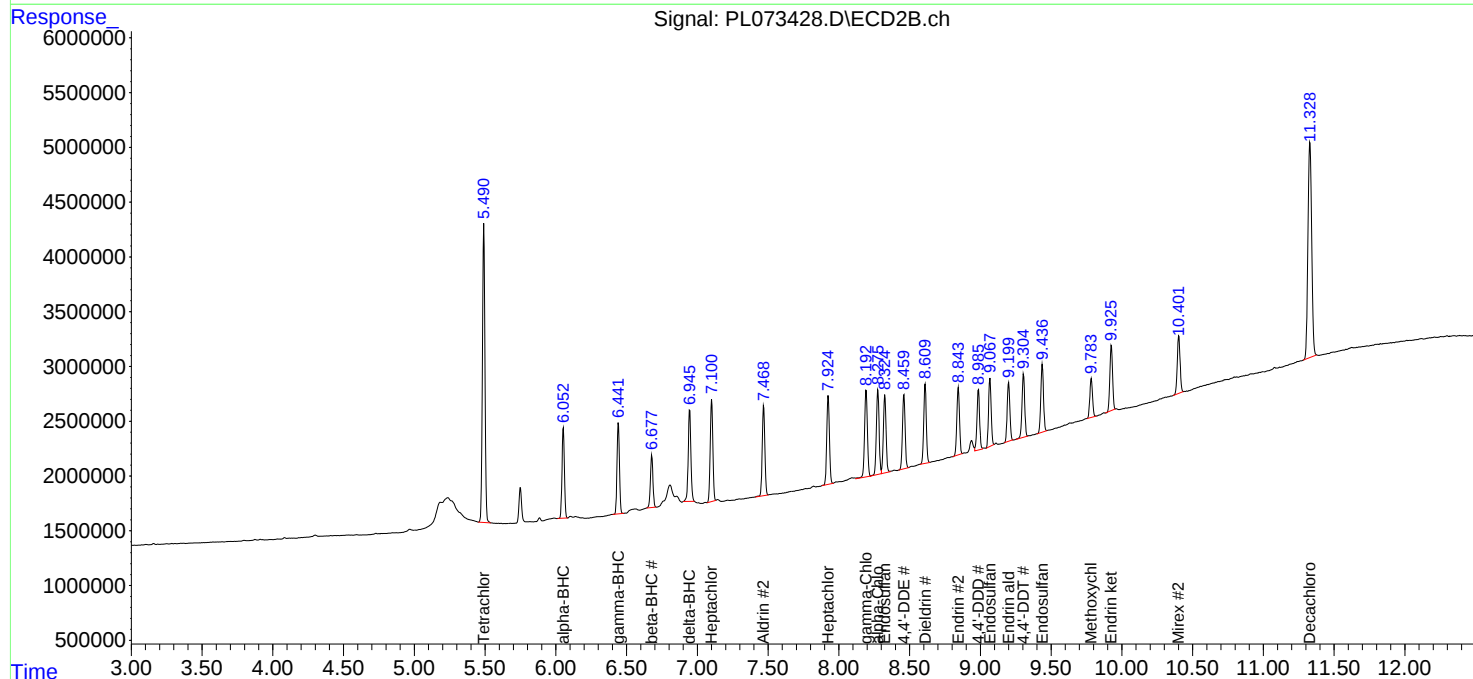
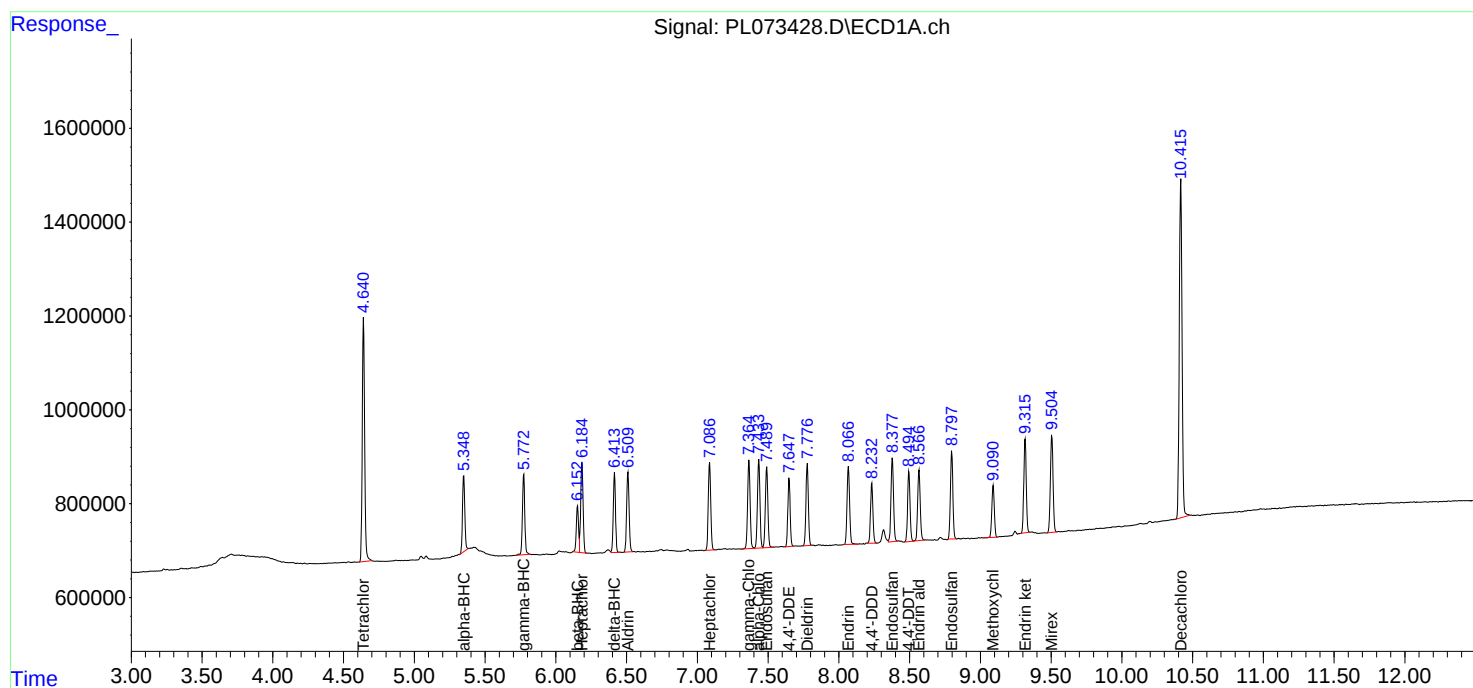
Instrument :
 ECD_L
 ClientSampleId :
 LOQ-WATER-02-QT1-2022

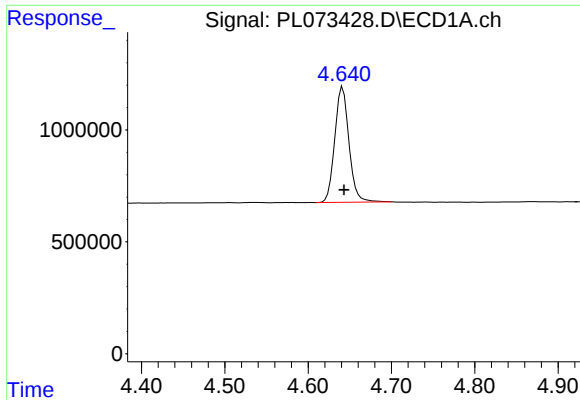
Manual Integrations APPROVED

Reviewed By : Abdul Mirza 03/17/2022
 Supervised By : Ankita Jodhani 03/17/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 06:37:06 2022
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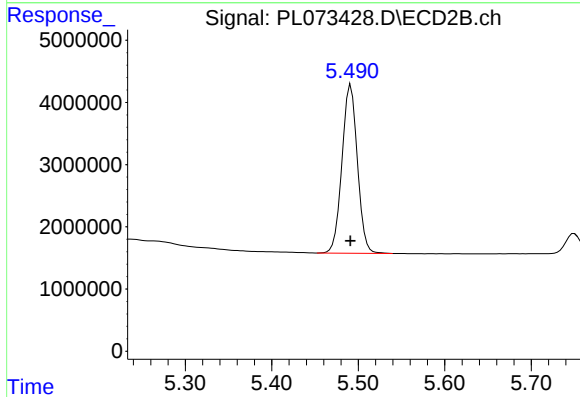
#1 Tetrachloro-m-xylene

R.T.: 4.642 min
Delta R.T.: -0.001 min
Response: 6128565
Conc: 19.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2022

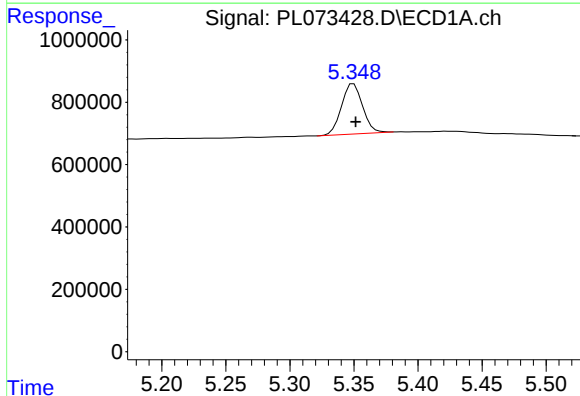
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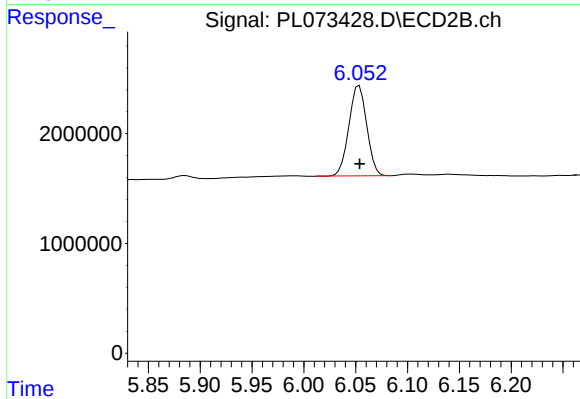
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 33298628
Conc: 20.29 ng/ml



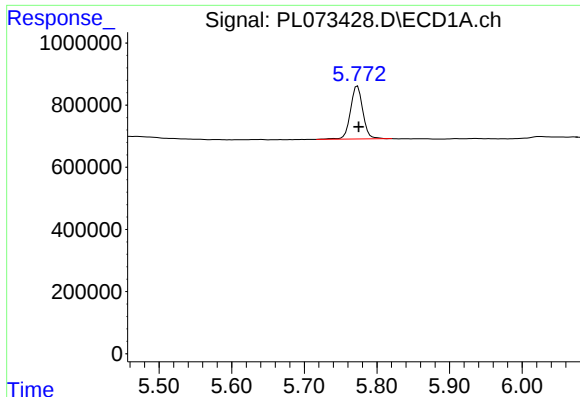
#2 alpha-BHC

R.T.: 5.350 min
Delta R.T.: -0.002 min
Response: 1836333
Conc: 4.45 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 9867740
Conc: 4.39 ng/ml



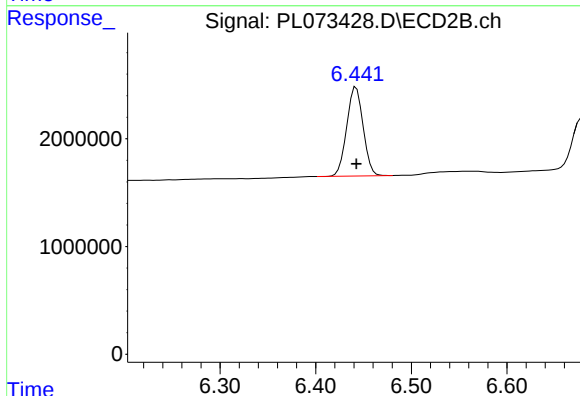
#3 gamma-BHC (Lindane)

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 2024476
Conc: 4.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2022

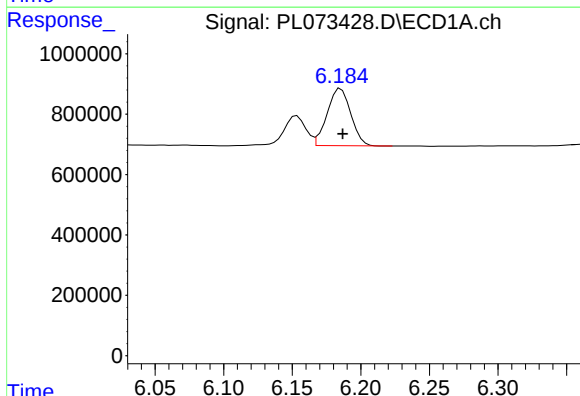
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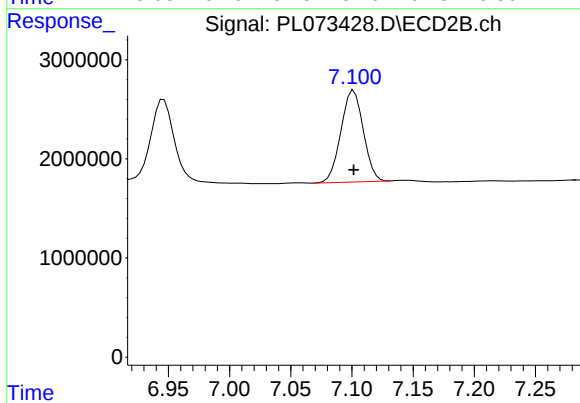
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 9922583
Conc: 4.65 ng/ml



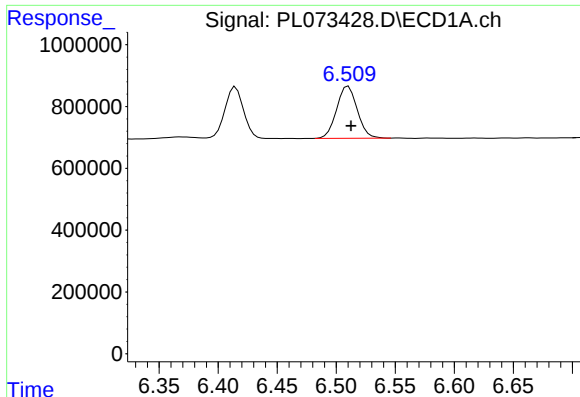
#4 Heptachlor

R.T.: 6.185 min
Delta R.T.: -0.002 min
Response: 2269412
Conc: 5.03 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 11773381
Conc: 5.02 ng/ml



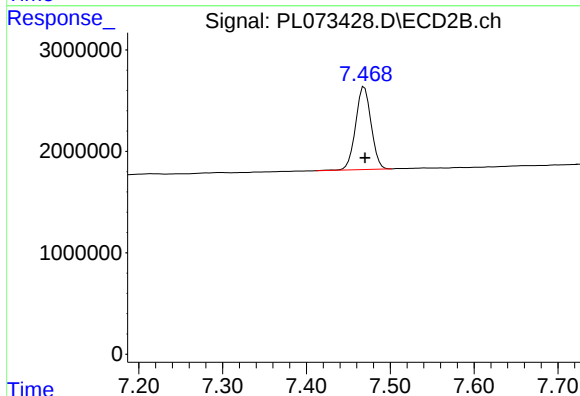
#5 Aldrin

R.T.: 6.510 min
Delta R.T.: -0.002 min
Response: 2055770
Conc: 4.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2022

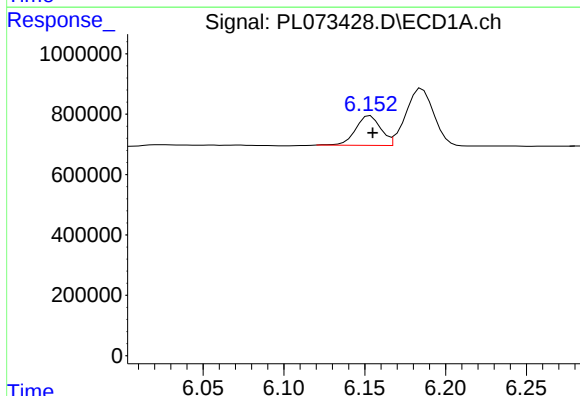
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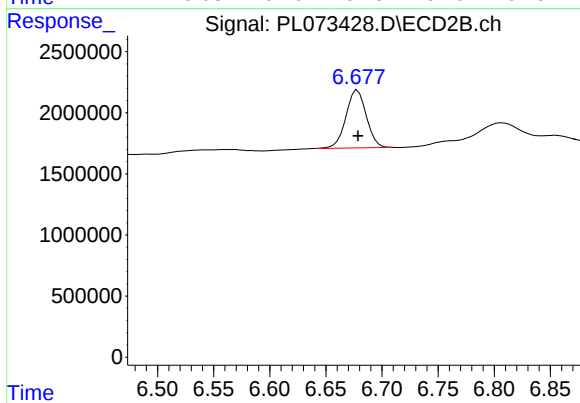
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 10508320
Conc: 5.02 ng/ml



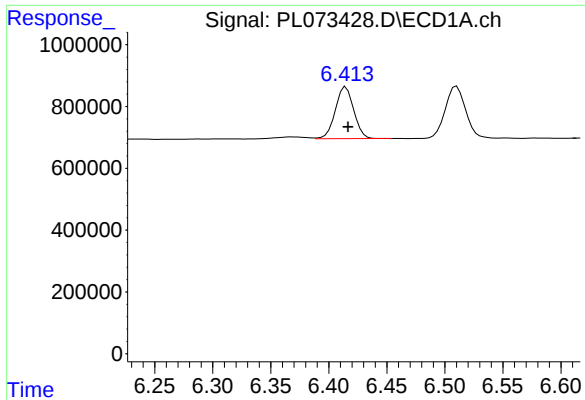
#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: -0.001 min
Response: 1061489
Conc: 5.16 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 5993872
Conc: 5.75 ng/ml



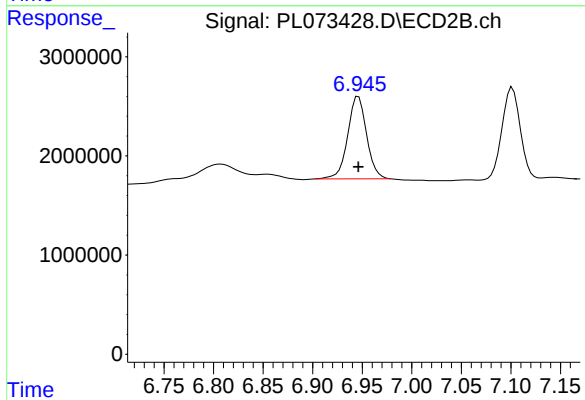
#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: -0.002 min
Response: 1857812
Conc: 4.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2022

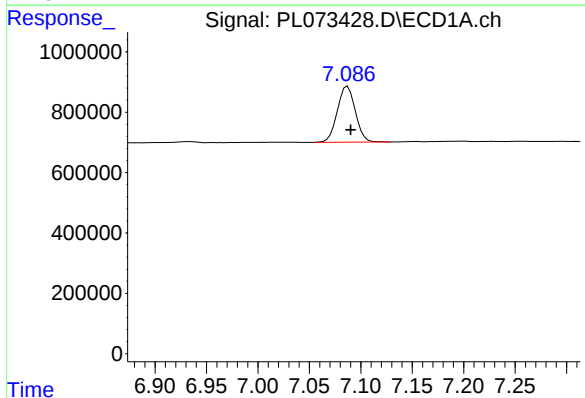
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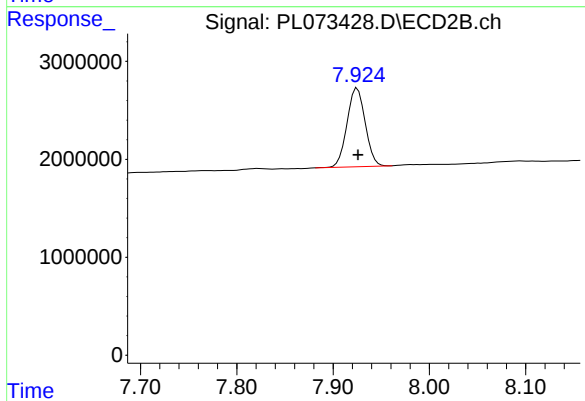
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 11081095
Conc: 5.15 ng/ml



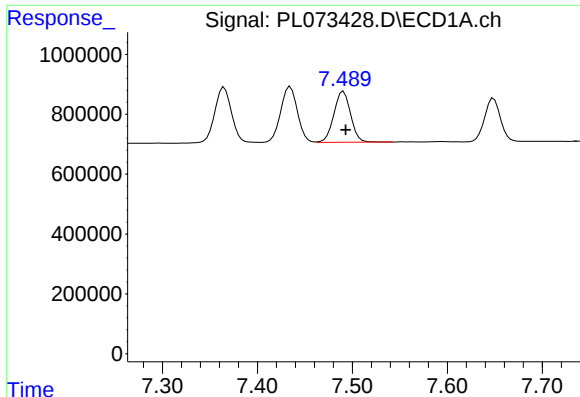
#8 Heptachlor epoxide

R.T.: 7.087 min
Delta R.T.: -0.003 min
Response: 2252851
Conc: 5.23 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: 0.000 min
Response: 10527222
Conc: 5.27 ng/ml



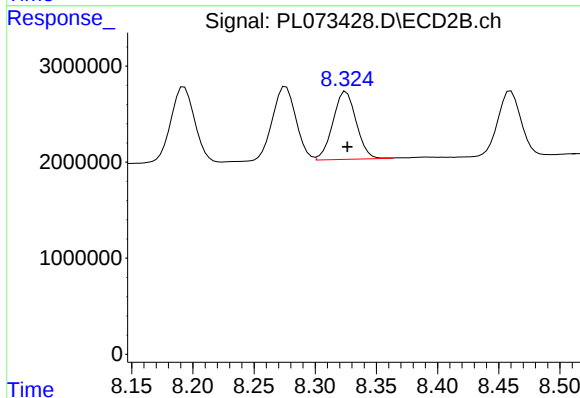
#9 Endosulfan I

R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 2097527
Conc: 5.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2022

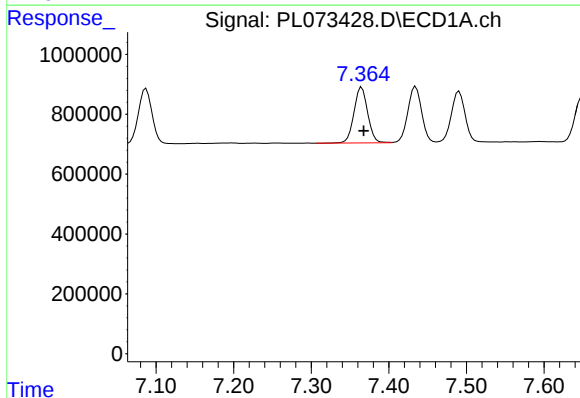
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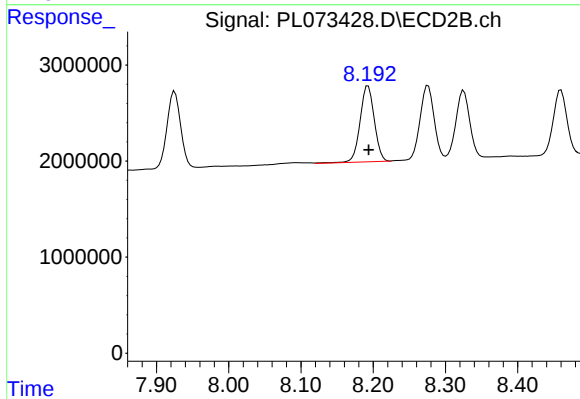
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.001 min
Response: 9356154
Conc: 5.13 ng/ml



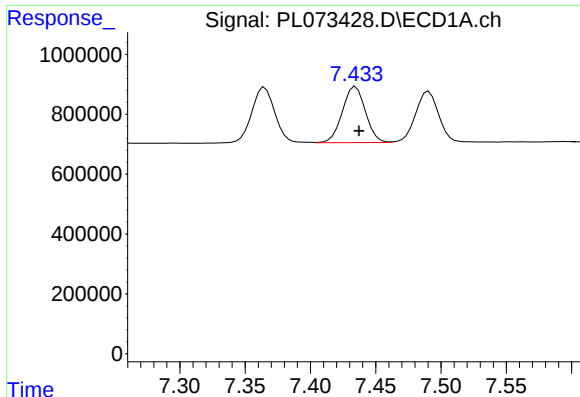
#10 gamma-Chlordane

R.T.: 7.365 min
Delta R.T.: -0.003 min
Response: 2296845
Conc: 5.25 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 10869134
Conc: 5.32 ng/ml



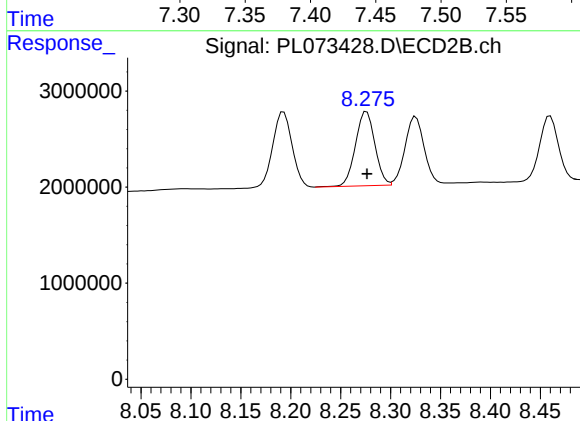
#11 alpha-Chlordane

R.T.: 7.435 min
Delta R.T.: -0.003 min
Response: 2303453
Conc: 5.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2022

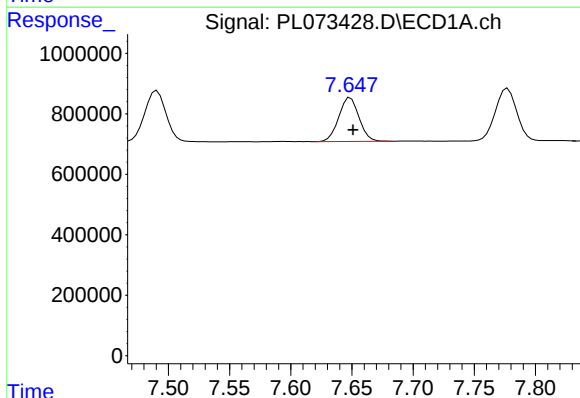
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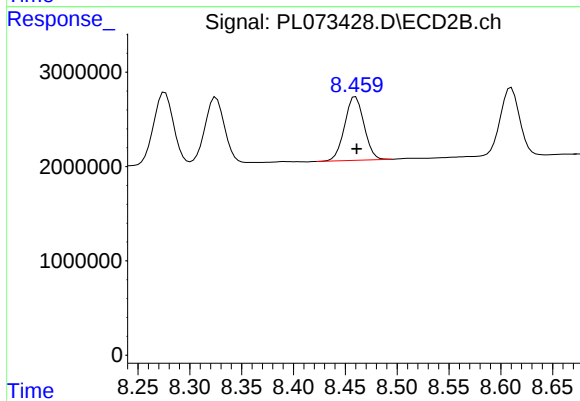
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: 0.000 min
Response: 10430229
Conc: 5.22 ng/ml



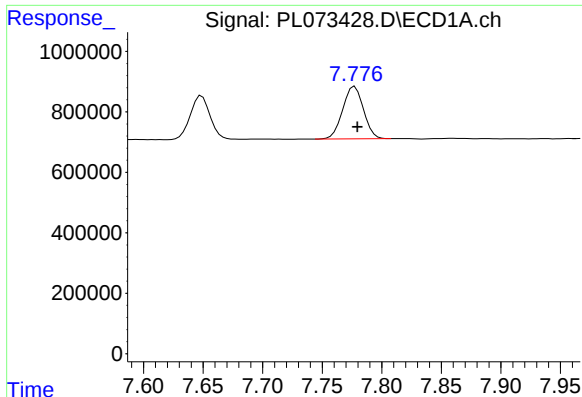
#12 4,4'-DDE

R.T.: 7.649 min
Delta R.T.: -0.002 min
Response: 1669366
Conc: 4.65 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: 0.000 min
Response: 8795553
Conc: 4.91 ng/ml



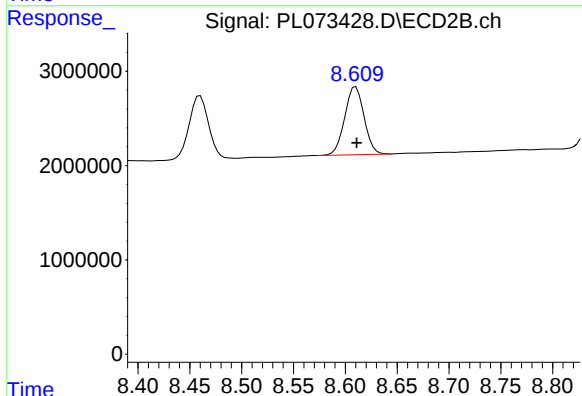
#13 Dieldrin

R.T.: 7.777 min
Delta R.T.: -0.002 min
Response: 2103742
Conc: 5.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2022

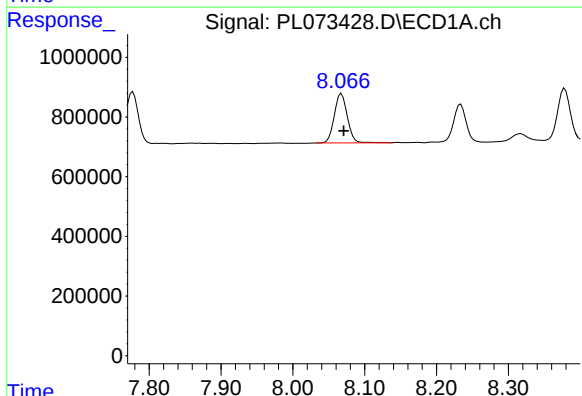
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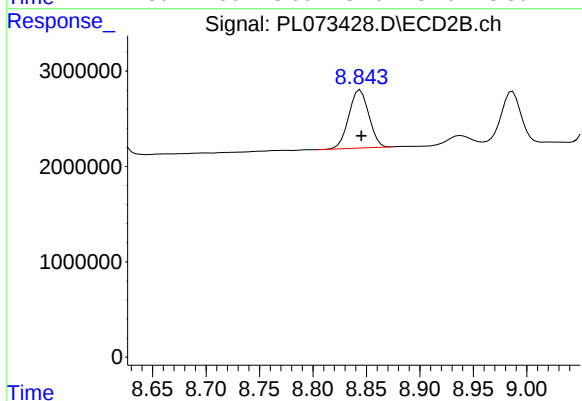
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 9360031
Conc: 5.07 ng/ml



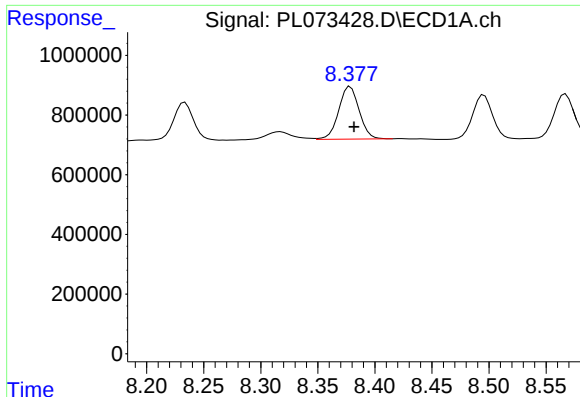
#14 Endrin

R.T.: 8.068 min
Delta R.T.: -0.003 min
Response: 2069301
Conc: 5.33 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.001 min
Response: 7992695
Conc: 5.19 ng/ml



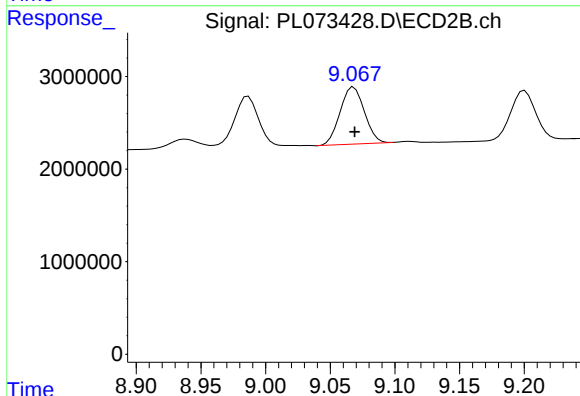
#15 Endosulfan II

R.T.: 8.378 min
Delta R.T.: -0.003 min
Response: 2203344
Conc: 5.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2022

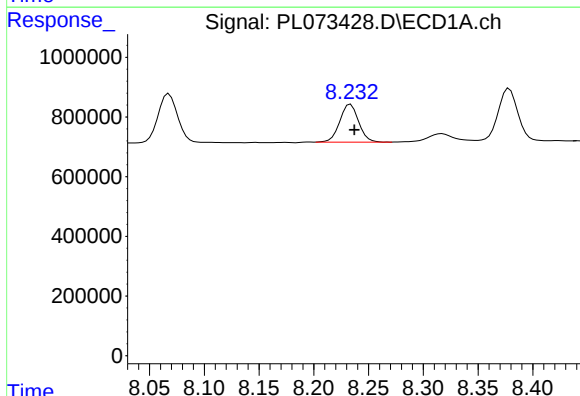
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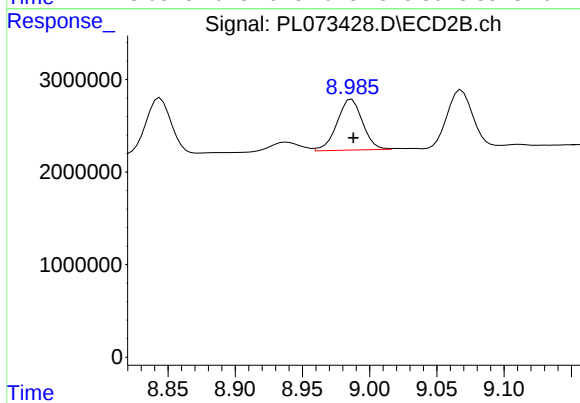
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: 0.000 min
Response: 8039857
Conc: 5.23 ng/ml



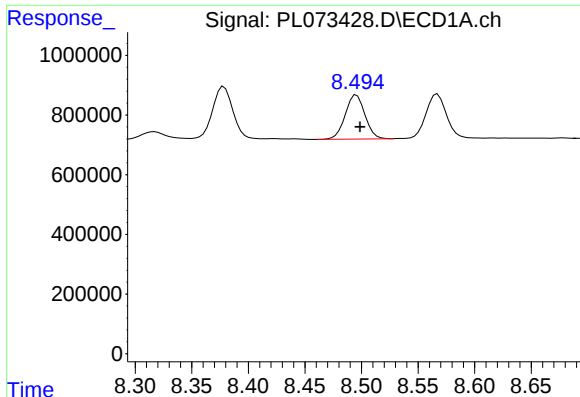
#16 4,4'-DDD

R.T.: 8.234 min
Delta R.T.: -0.004 min
Response: 1516764
Conc: 4.67 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.001 min
Response: 7251650
Conc: 4.97 ng/ml



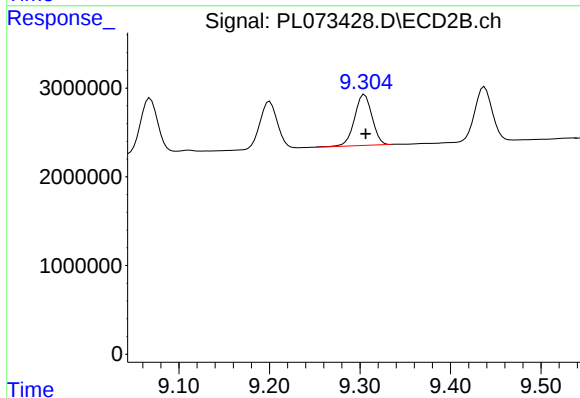
#17 4,4'-DDT

R.T.: 8.496 min
Delta R.T.: -0.003 min
Response: 1802281
Conc: 4.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2022

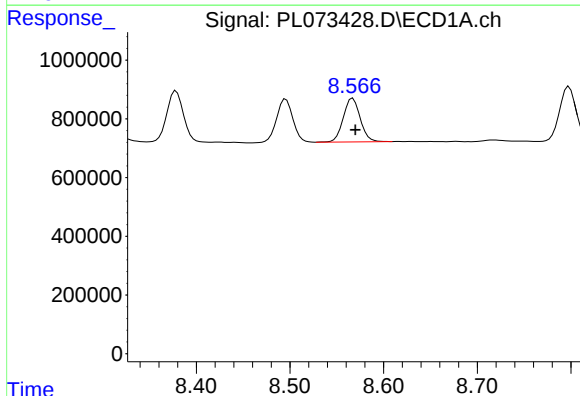
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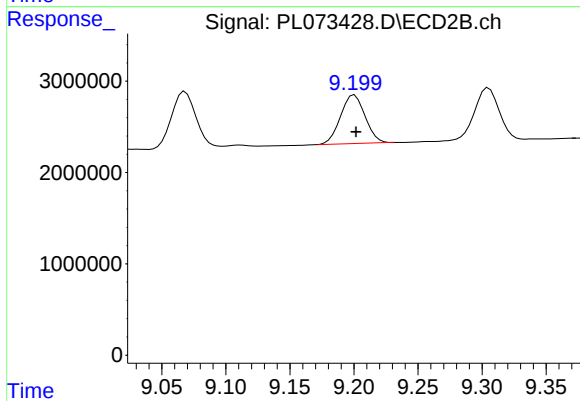
#17 4,4'-DDT

R.T.: 9.305 min
Delta R.T.: -0.001 min
Response: 7693438
Conc: 4.71 ng/ml



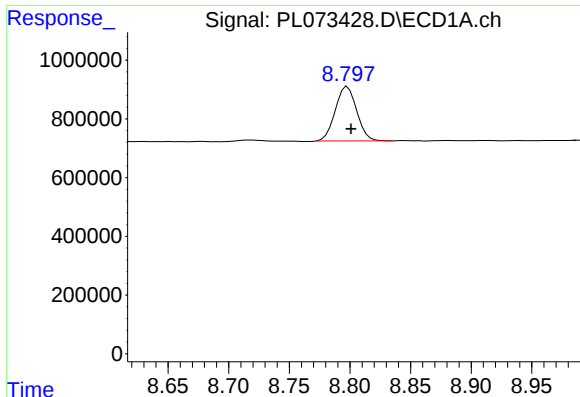
#18 Endrin aldehyde

R.T.: 8.567 min
Delta R.T.: -0.003 min
Response: 1877601
Conc: 5.94 ng/ml



#18 Endrin aldehyde

R.T.: 9.199 min
Delta R.T.: -0.003 min
Response: 7074318
Conc: 5.77 ng/ml m



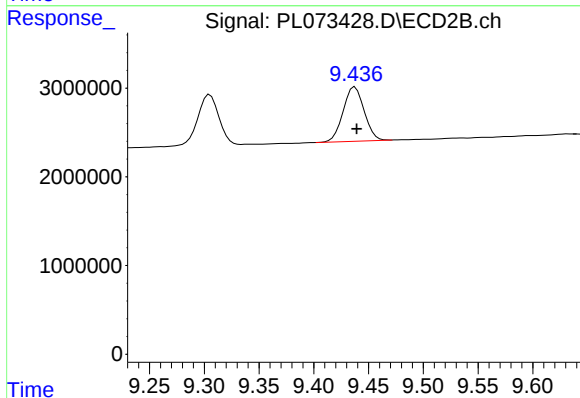
#19 Endosulfan Sulfate

R.T.: 8.798 min
Delta R.T.: -0.003 min
Response: 2279661
Conc: 5.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2022

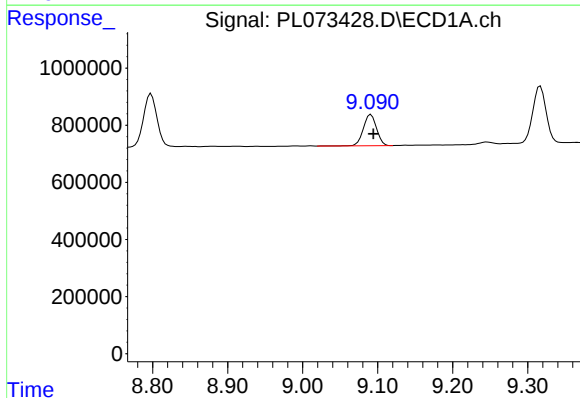
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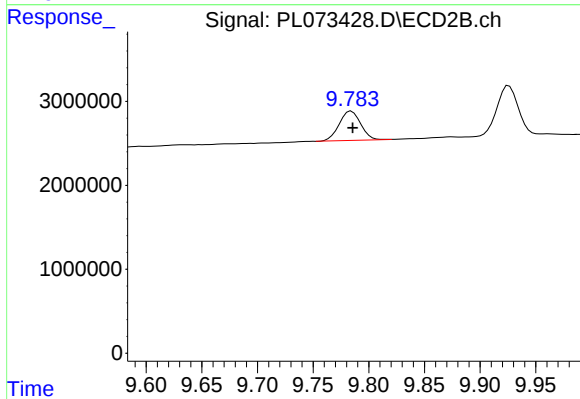
#19 Endosulfan Sulfate

R.T.: 9.438 min
Delta R.T.: -0.002 min
Response: 8185610
Conc: 5.19 ng/ml



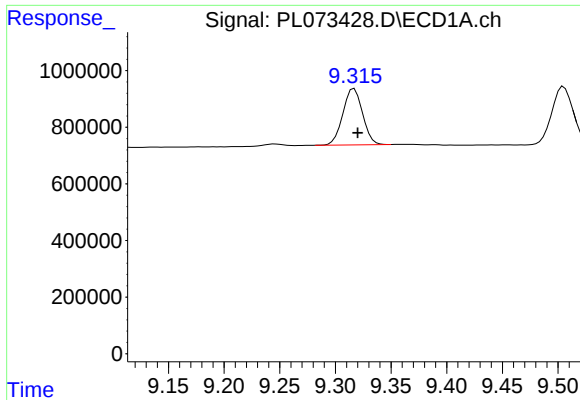
#20 Methoxychlor

R.T.: 9.091 min
Delta R.T.: -0.003 min
Response: 1336735
Conc: 5.21 ng/ml



#20 Methoxychlor

R.T.: 9.784 min
Delta R.T.: -0.001 min
Response: 4726831
Conc: 5.25 ng/ml



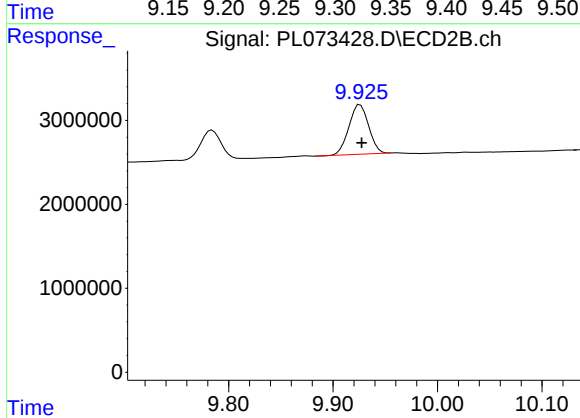
#21 Endrin ketone

R.T.: 9.317 min
Delta R.T.: -0.003 min
Response: 2442095
Conc: 4.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2022

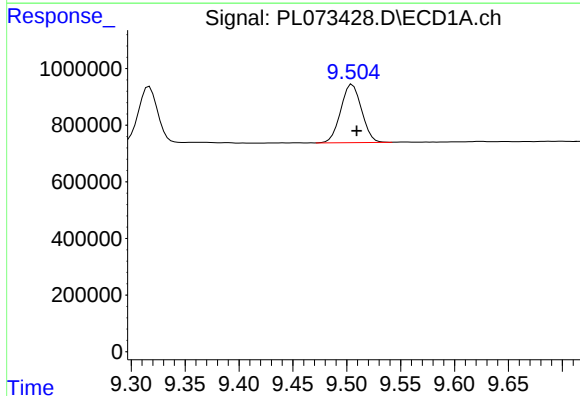
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/17/2022
Supervised By :Ankita Jodhani 03/17/2022



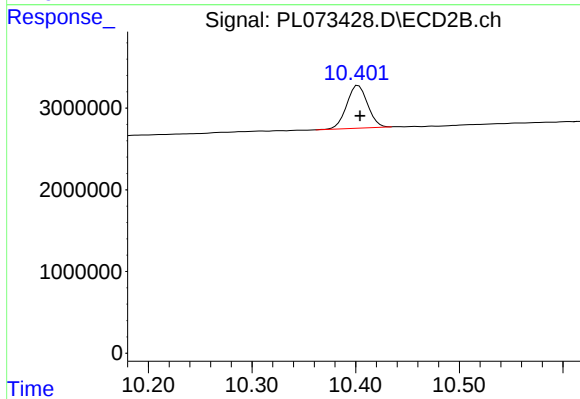
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: -0.002 min
Response: 7743917
Conc: 4.69 ng/ml



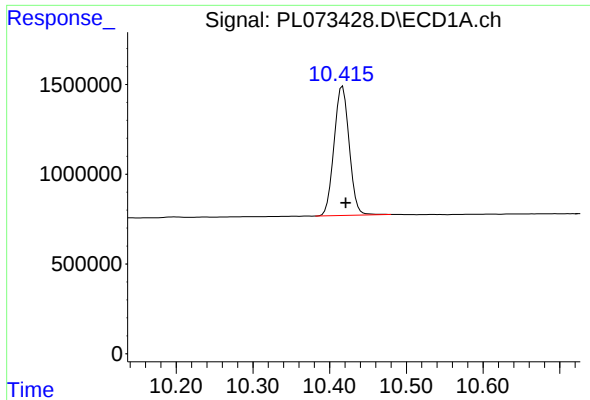
#22 Mirex

R.T.: 9.505 min
Delta R.T.: -0.004 min
Response: 2766887
Conc: 5.87 ng/ml



#22 Mirex

R.T.: 10.403 min
Delta R.T.: -0.002 min
Response: 7359685
Conc: 5.42 ng/ml



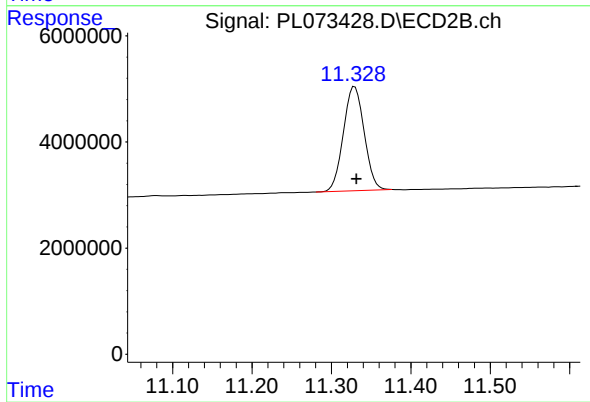
#28 Decachlorobiphenyl

R.T.: 10.417 min
Delta R.T.: -0.004 min
Response: 9902710
Conc: 19.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2022

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#28 Decachlorobiphenyl

R.T.: 11.329 min
Delta R.T.: -0.002 min
Response: 35834374
Conc: 20.04 ng/ml