

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062922\
 Data File : PL076106.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jun 2022 14:39
 Operator : AR\AJ
 Sample : N3214-07
 Misc : PEST LOD 1 PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/30/2022
 Supervised By : Ankita Jodhani 06/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 30 00:14:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062222.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 24 02:17:51 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...	5.644	4.632	15005125	35688217	19.840	18.817
28)	SA Decachlor...	11.634	10.372	14499228	30368794	23.041	19.773
Target Compounds							
2)	A alpha-BHC	6.228	5.332	1029353	2075737	1.042	0.849
3)	MA gamma-BHC...	6.626	5.753	879003	2452789	0.949	1.061
4)	MA Heptachlor	7.280	6.160	1348978	2687874	1.471	1.185
5)	MB Aldrin	7.653	6.484	758301	2190260	0.914	1.061
6)	B beta-BHC	6.879	6.133	732788	1360491	1.673	1.304
7)	B delta-BHC	7.146	6.393	955030	2712793	1.223	1.201
8)	B Heptachlo...	8.120	7.058	804966	2426108	1.011m	1.265 #
9)	A Endosulfan I	8.530	7.459	828346	2055493	1.146	1.171
10)	B gamma-Chl...	8.391	7.333	1097752	2197624	1.412	1.143m
11)	B alpha-Chl...	8.474	7.401	903337	2492968	1.163	1.302m
12)	B 4,4'-DDE	8.657	7.614	674405	1858315	0.998m	1.095
13)	MA Dieldrin	8.819	7.744	844774	2246973	1.151	1.249
14)	MA Endrin	9.058	8.034	660666	1809364	1.060m	1.191m
15)	B Endosulfa...	9.296	8.345	1063287	1647028	1.676	1.090 #
16)	A 4,4'-DDD	9.200	8.197	682951	1566330	1.204	1.129m
17)	MA 4,4'-DDT	9.520	8.458	805661	1521265	1.320	1.029
18)	B Endrin al...	9.429	8.532	645335	1512967	1.249	1.267
19)	B Endosulfa...	9.668	8.762	807965	2178879	1.260	1.420
20)	A Methoxychlor	10.005	9.050	462793	1050247	1.349	1.233
21)	B Endrin ke...	10.179	9.280	1755768	2013701	2.436	1.219 #
22)	Mirex	10.642	9.467	774810	1602033	1.441	1.197

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062922\
Data File : PL076106.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jun 2022 14:39
Operator : AR\AJ
Sample : N3214-07
Misc : PEST LOD 1 PPB
ALS Vial : 10 Sample Multiplier: 1

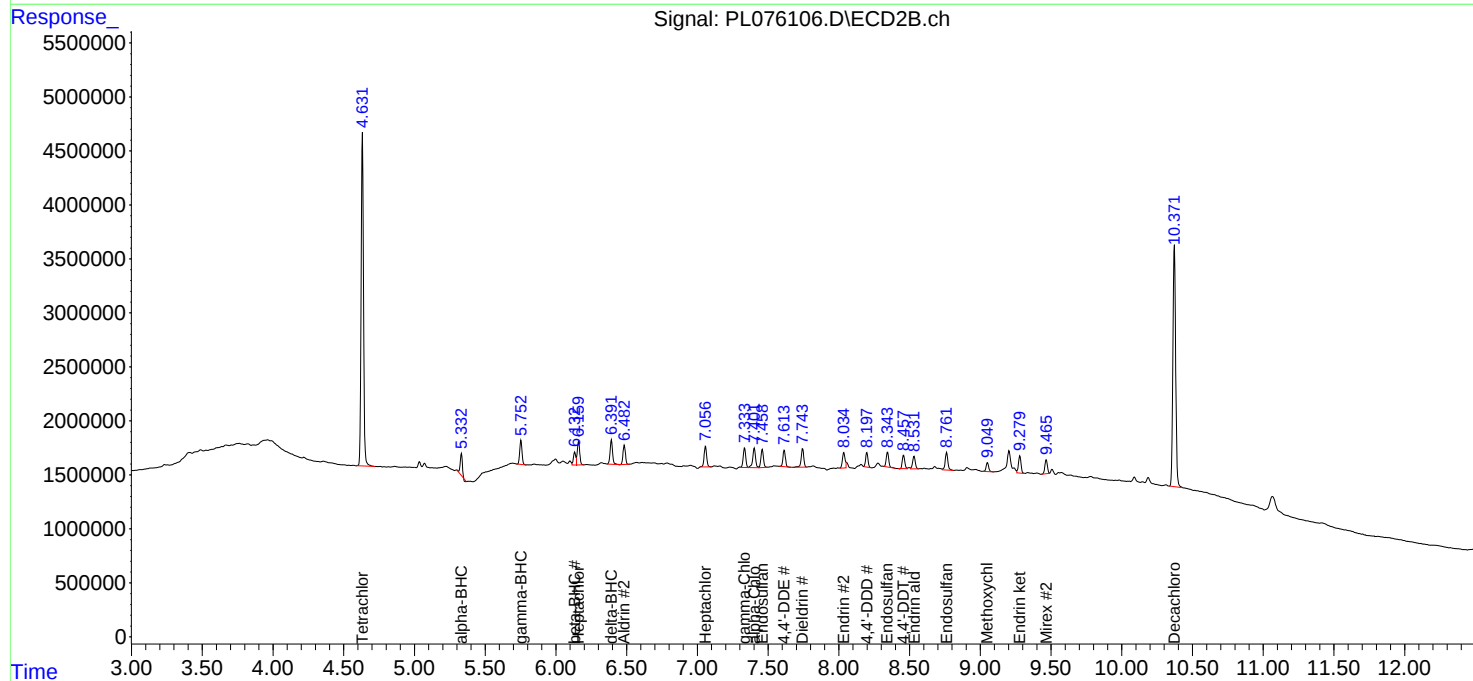
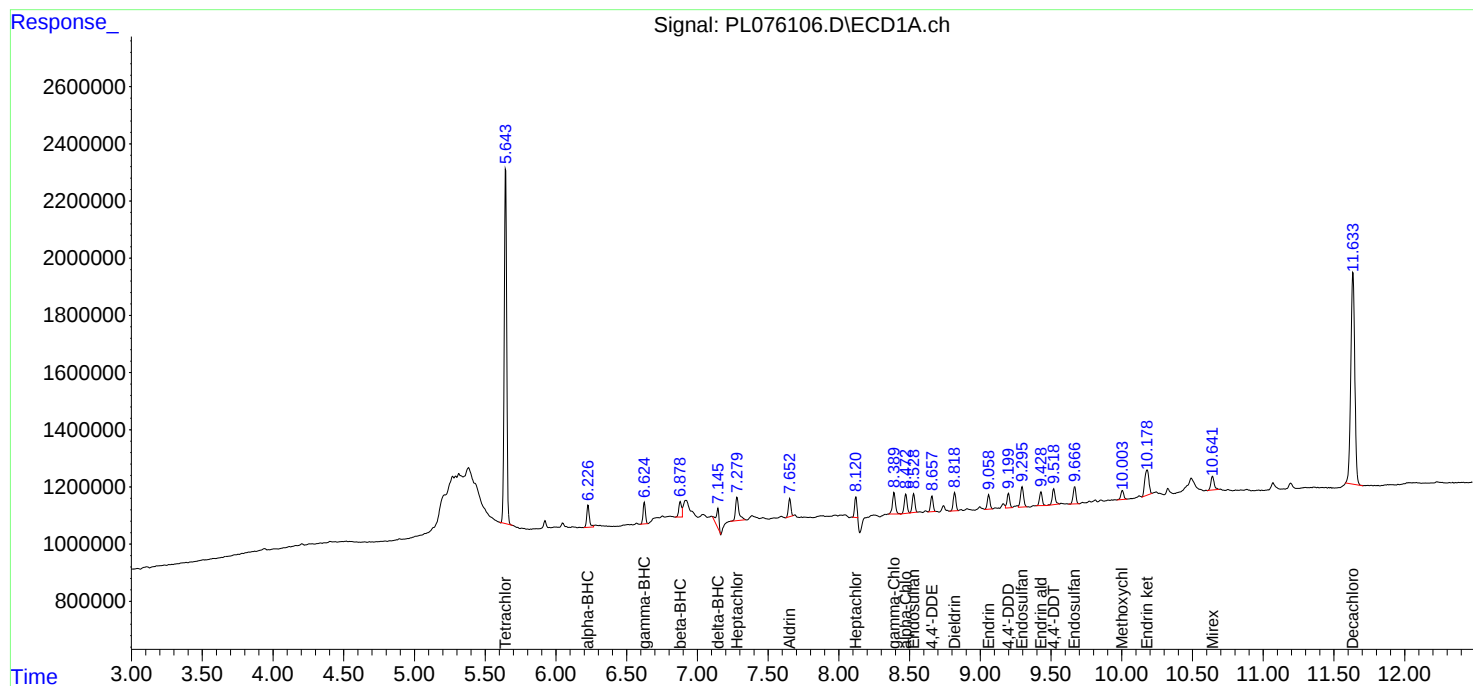
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

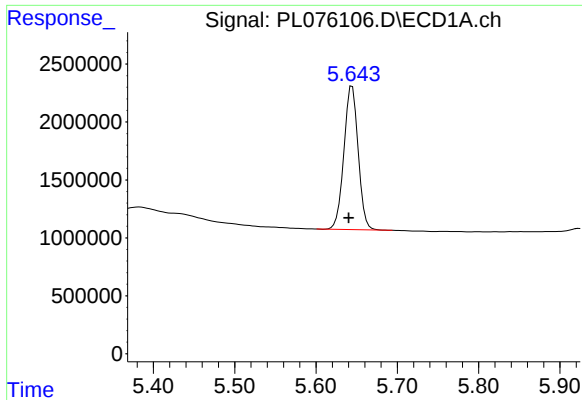
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/30/2022
Supervised By :Ankita Jodhani 06/30/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 30 00:14:56 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062222.M
Quant Title : GC Extractables
QLast Update : Fri Jun 24 02:17:51 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





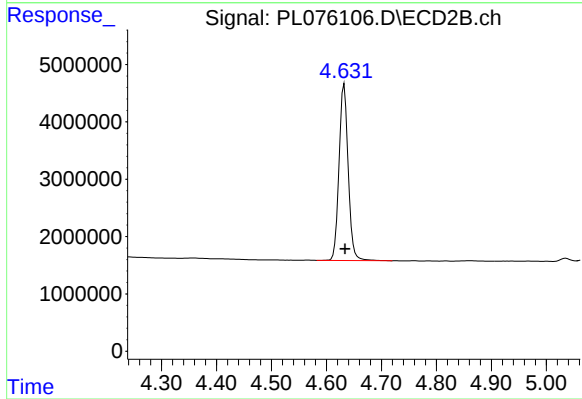
#1 Tetrachloro-m-xylene

R.T.: 5.644 min
Delta R.T.: 0.004 min
Response: 15005125
Conc: 19.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

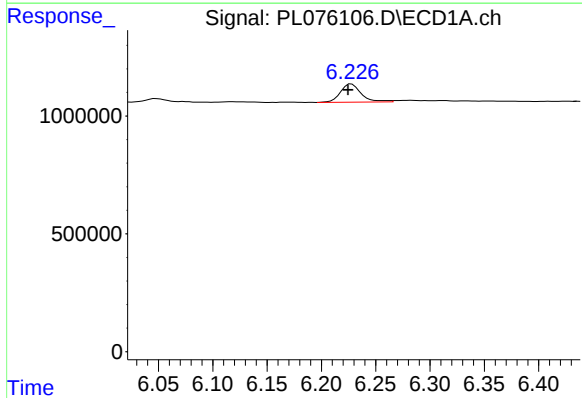
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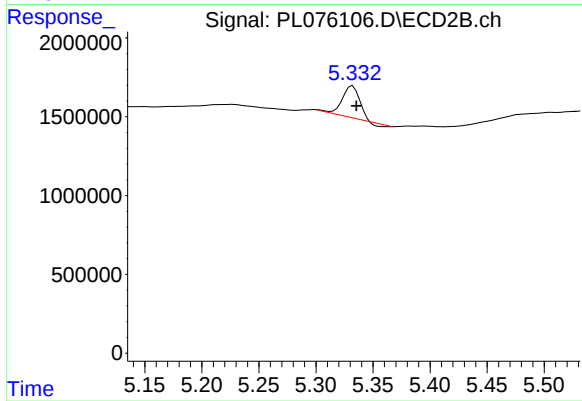
#1 Tetrachloro-m-xylene

R.T.: 4.632 min
Delta R.T.: -0.002 min
Response: 35688217
Conc: 18.82 ng/ml



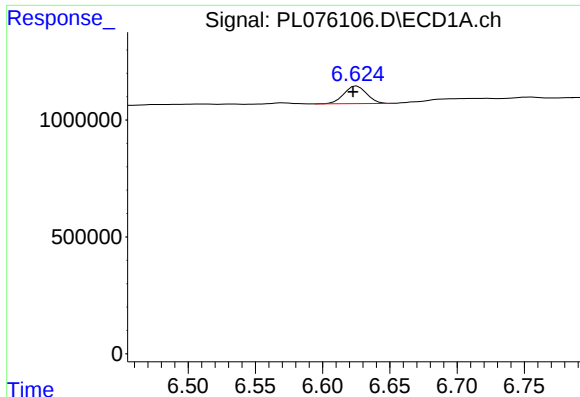
#2 alpha-BHC

R.T.: 6.228 min
Delta R.T.: 0.003 min
Response: 1029353
Conc: 1.04 ng/ml



#2 alpha-BHC

R.T.: 5.332 min
Delta R.T.: -0.003 min
Response: 2075737
Conc: 0.85 ng/ml



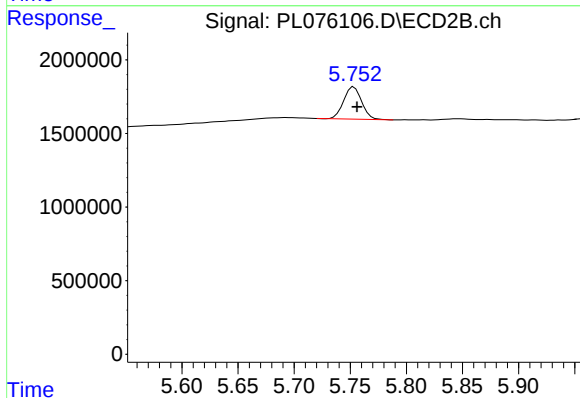
#3 gamma-BHC (Lindane)

R.T.: 6.626 min
Delta R.T.: 0.003 min
Response: 879003
Conc: 0.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

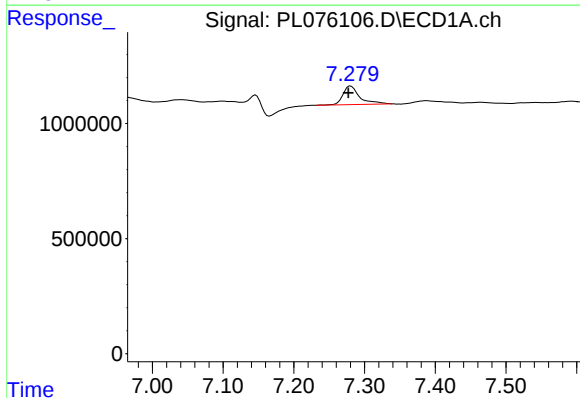
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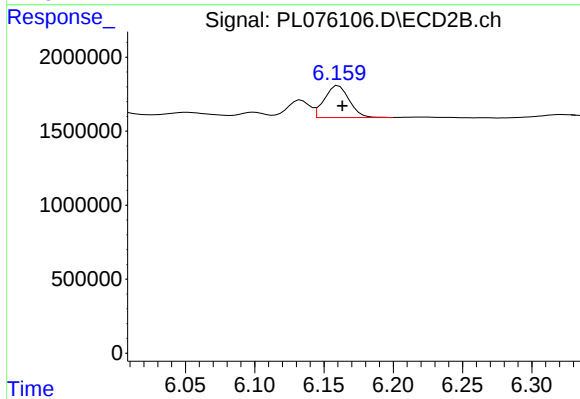
#3 gamma-BHC (Lindane)

R.T.: 5.753 min
Delta R.T.: -0.003 min
Response: 2452789
Conc: 1.06 ng/ml



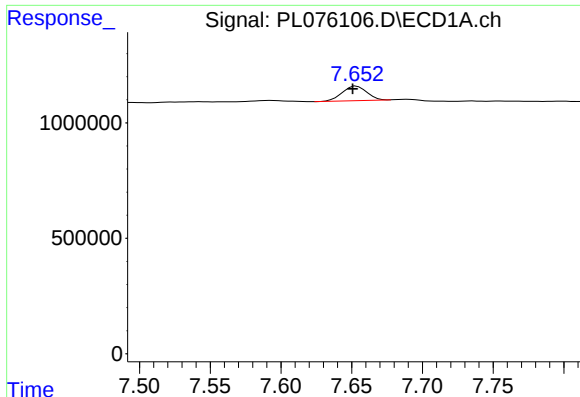
#4 Heptachlor

R.T.: 7.280 min
Delta R.T.: 0.003 min
Response: 1348978
Conc: 1.47 ng/ml



#4 Heptachlor

R.T.: 6.160 min
Delta R.T.: -0.003 min
Response: 2687874
Conc: 1.18 ng/ml



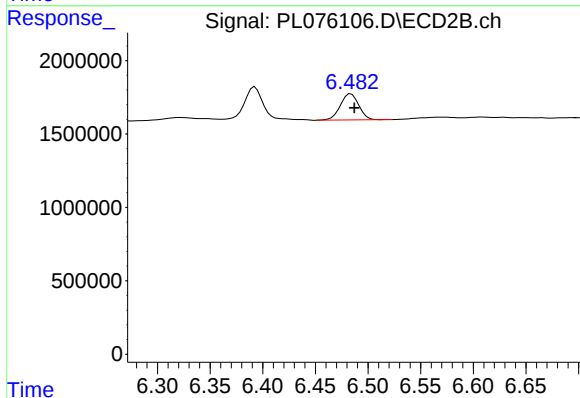
#5 Aldrin

R.T.: 7.653 min
Delta R.T.: 0.003 min
Response: 758301
Conc: 0.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

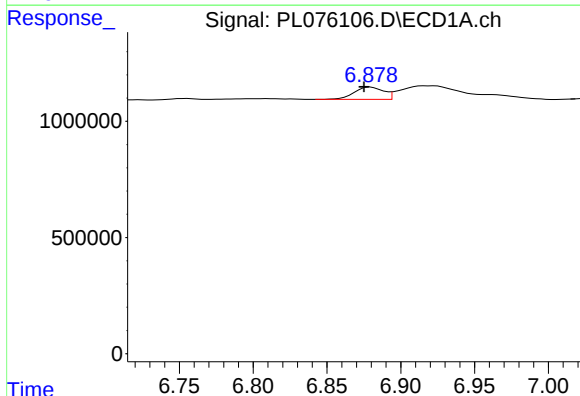
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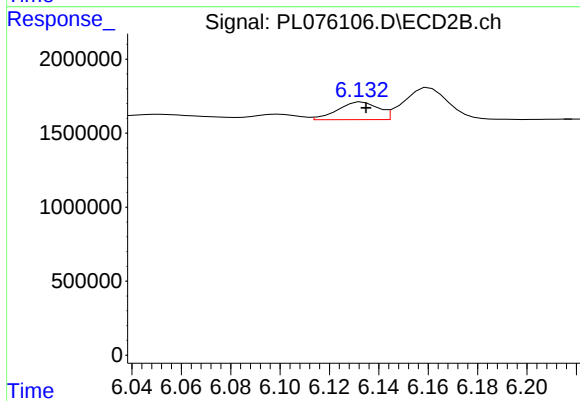
#5 Aldrin

R.T.: 6.484 min
Delta R.T.: -0.003 min
Response: 2190260
Conc: 1.06 ng/ml



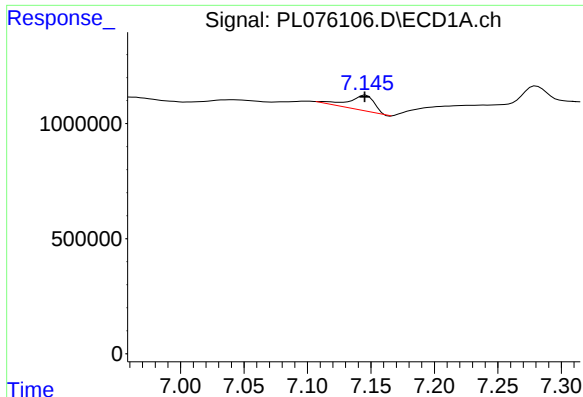
#6 beta-BHC

R.T.: 6.879 min
Delta R.T.: 0.004 min
Response: 732788
Conc: 1.67 ng/ml



#6 beta-BHC

R.T.: 6.133 min
Delta R.T.: -0.002 min
Response: 1360491
Conc: 1.30 ng/ml



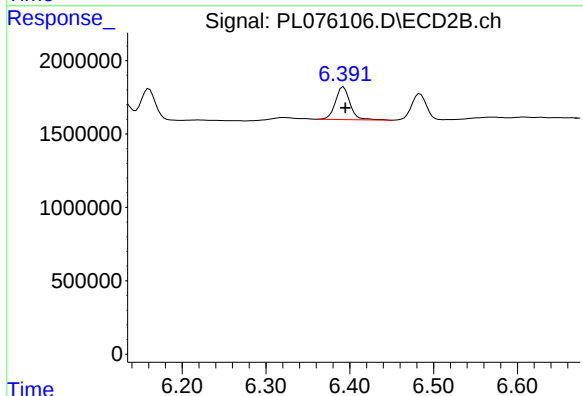
#7 delta-BHC

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 955030
Conc: 1.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

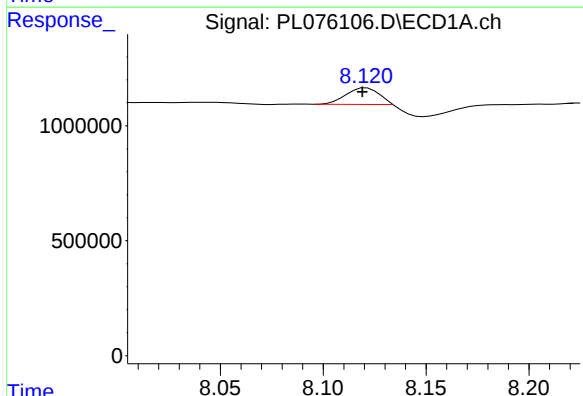
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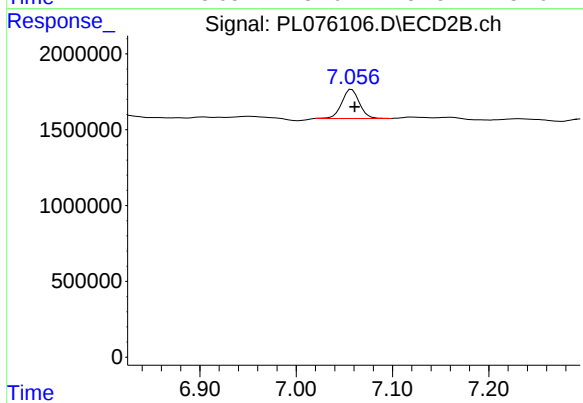
#7 delta-BHC

R.T.: 6.393 min
Delta R.T.: -0.002 min
Response: 2712793
Conc: 1.20 ng/ml



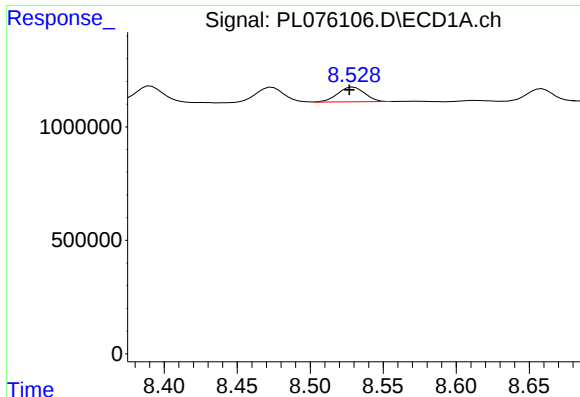
#8 Heptachlor epoxide

R.T.: 8.120 min
Delta R.T.: 0.000 min
Response: 804966
Conc: 1.01 ng/ml m



#8 Heptachlor epoxide

R.T.: 7.058 min
Delta R.T.: -0.003 min
Response: 2426108
Conc: 1.26 ng/ml



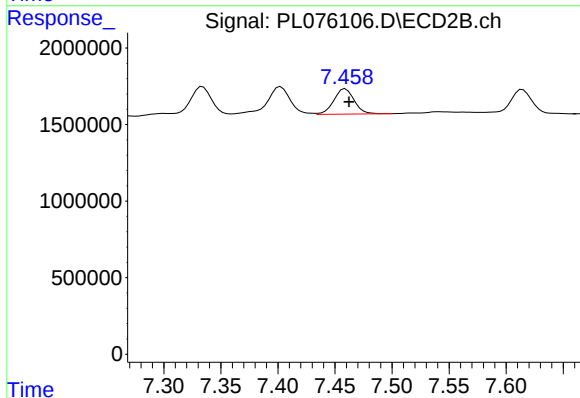
#9 Endosulfan I

R.T.: 8.530 min
Delta R.T.: 0.003 min
Response: 828346
Conc: 1.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

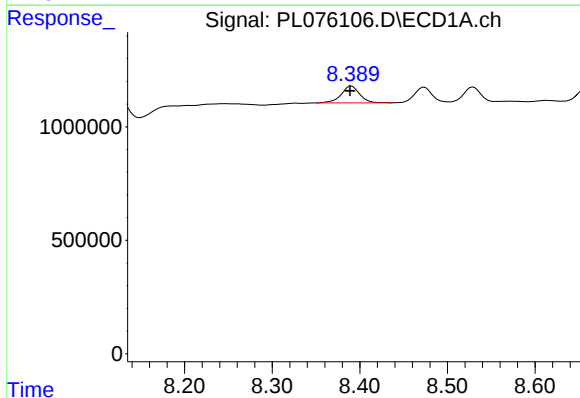
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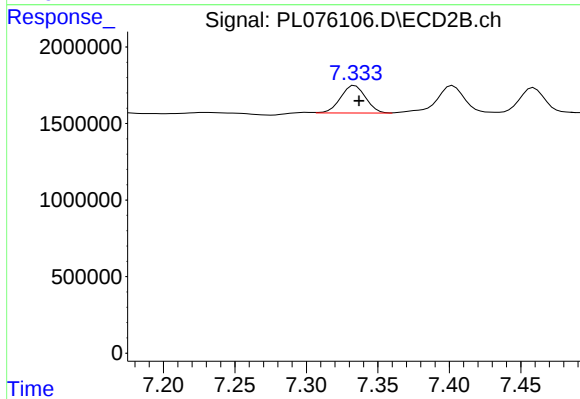
#9 Endosulfan I

R.T.: 7.459 min
Delta R.T.: -0.003 min
Response: 2055493
Conc: 1.17 ng/ml



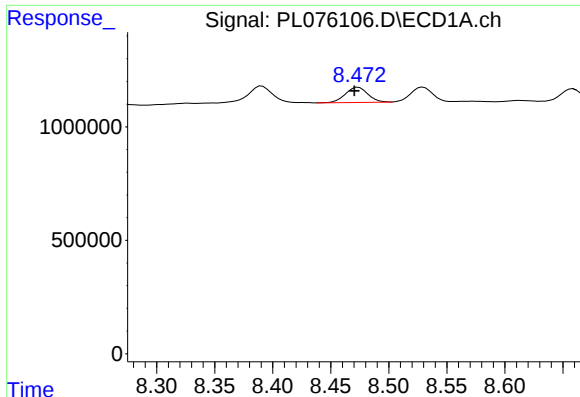
#10 gamma-Chlordane

R.T.: 8.391 min
Delta R.T.: 0.002 min
Response: 1097752
Conc: 1.41 ng/ml



#10 gamma-Chlordane

R.T.: 7.333 min
Delta R.T.: -0.004 min
Response: 2197624
Conc: 1.14 ng/ml m



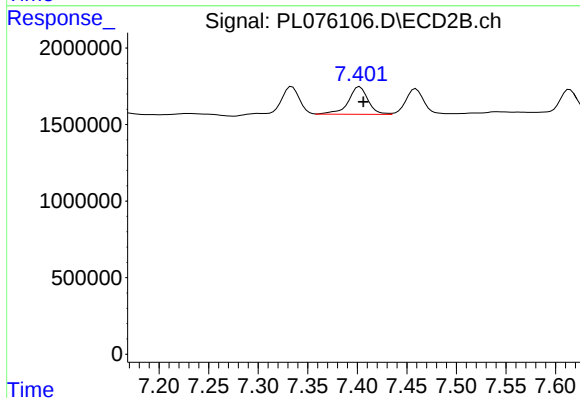
#11 alpha-Chlordane

R.T.: 8.474 min
Delta R.T.: 0.003 min
Response: 903337
Conc: 1.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

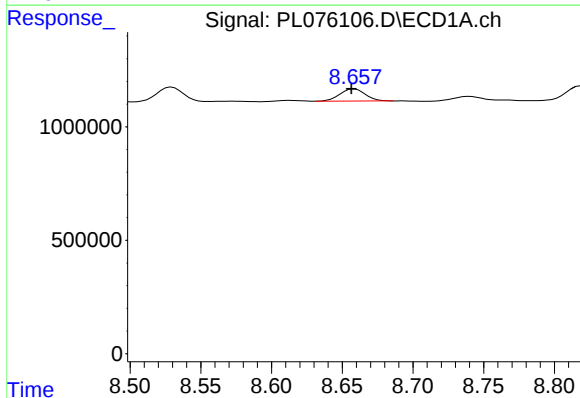
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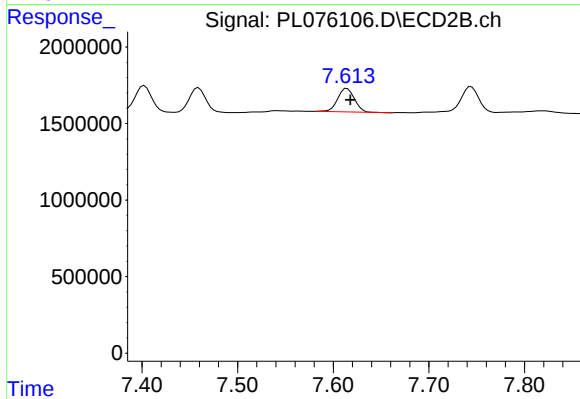
#11 alpha-Chlordane

R.T.: 7.401 min
Delta R.T.: -0.005 min
Response: 2492968
Conc: 1.30 ng/ml m



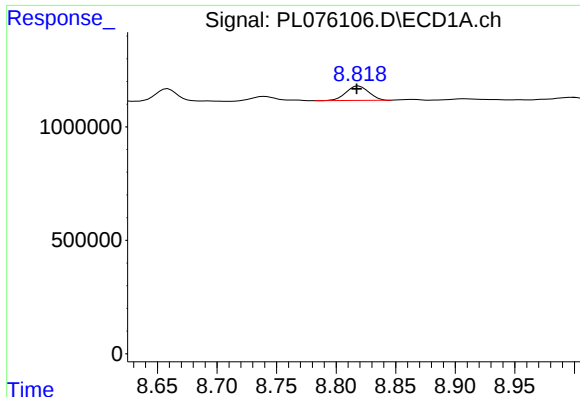
#12 4,4'-DDE

R.T.: 8.657 min
Delta R.T.: 0.001 min
Response: 674405
Conc: 1.00 ng/ml m



#12 4,4'-DDE

R.T.: 7.614 min
Delta R.T.: -0.004 min
Response: 1858315
Conc: 1.09 ng/ml



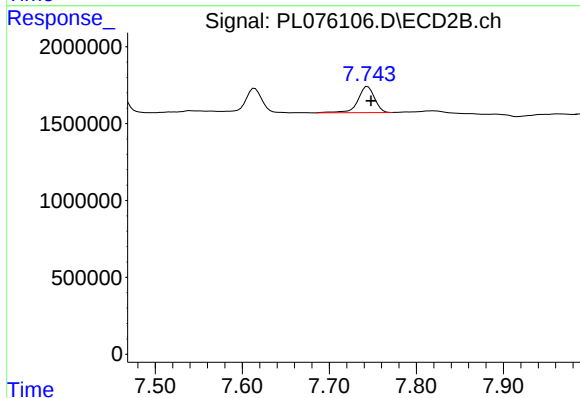
#13 Dieldrin

R.T.: 8.819 min
Delta R.T.: 0.002 min
Response: 844774
Conc: 1.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

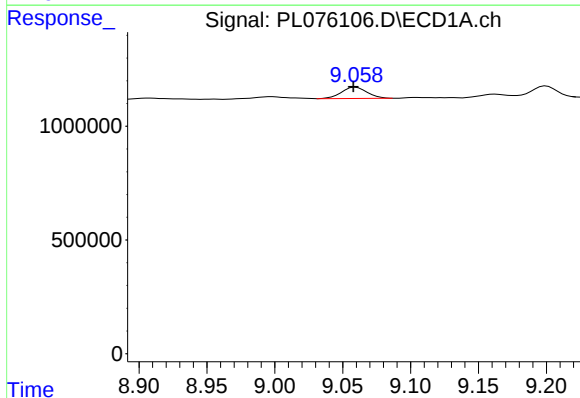
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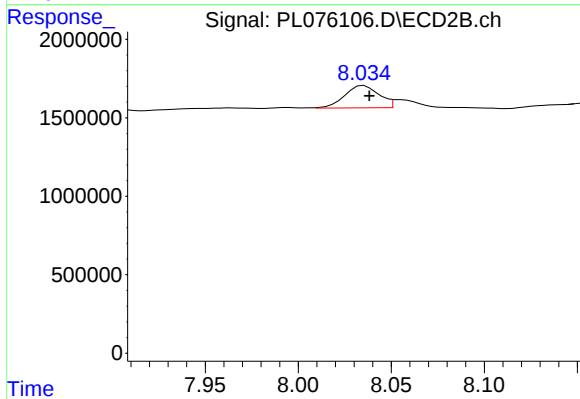
#13 Dieldrin

R.T.: 7.744 min
Delta R.T.: -0.004 min
Response: 2246973
Conc: 1.25 ng/ml



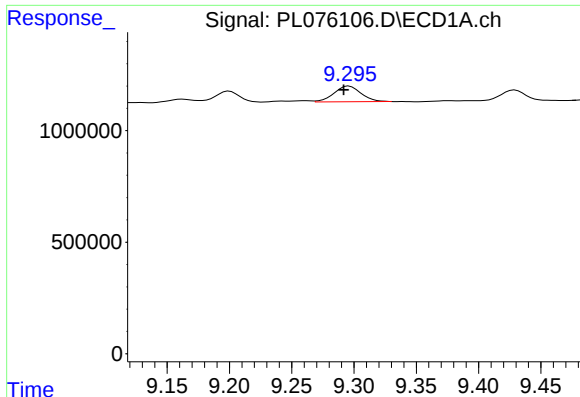
#14 Endrin

R.T.: 9.058 min
Delta R.T.: 0.000 min
Response: 660666
Conc: 1.06 ng/ml m



#14 Endrin

R.T.: 8.034 min
Delta R.T.: -0.004 min
Response: 1809364
Conc: 1.19 ng/ml m



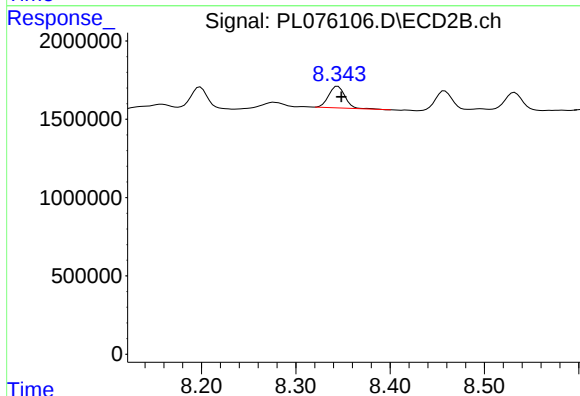
#15 Endosulfan II

R.T.: 9.296 min
Delta R.T.: 0.004 min
Response: 1063287
Conc: 1.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

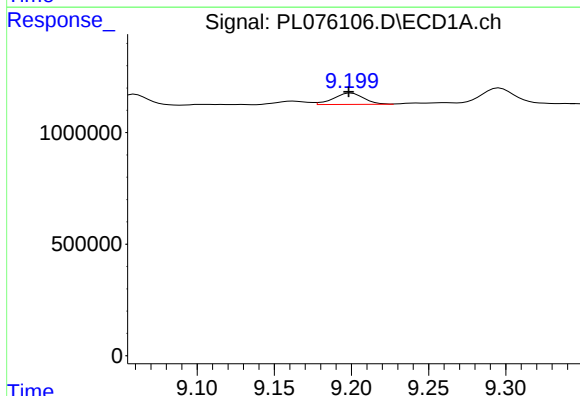
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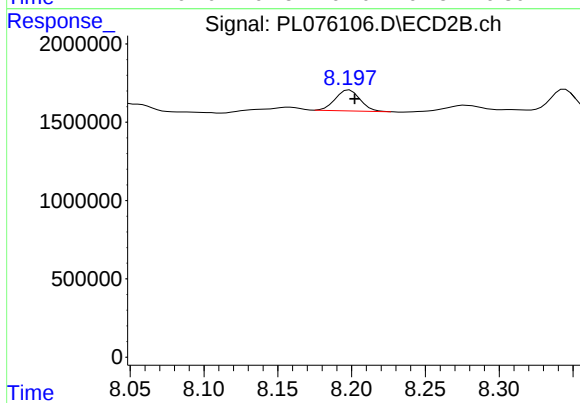
#15 Endosulfan II

R.T.: 8.345 min
Delta R.T.: -0.004 min
Response: 1647028
Conc: 1.09 ng/ml



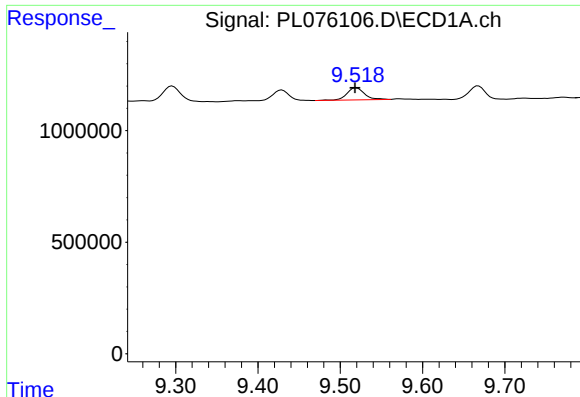
#16 4,4'-DDD

R.T.: 9.200 min
Delta R.T.: 0.002 min
Response: 682951
Conc: 1.20 ng/ml



#16 4,4'-DDD

R.T.: 8.197 min
Delta R.T.: -0.005 min
Response: 1566330
Conc: 1.13 ng/ml m



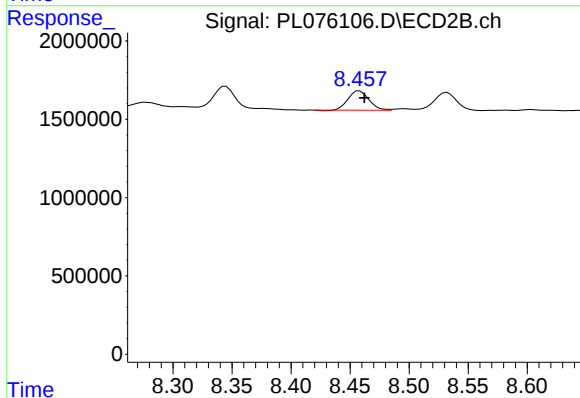
#17 4,4'-DDT

R.T.: 9.520 min
Delta R.T.: 0.002 min
Response: 805661
Conc: 1.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

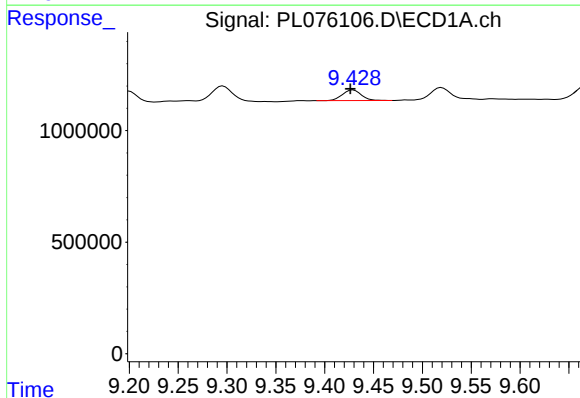
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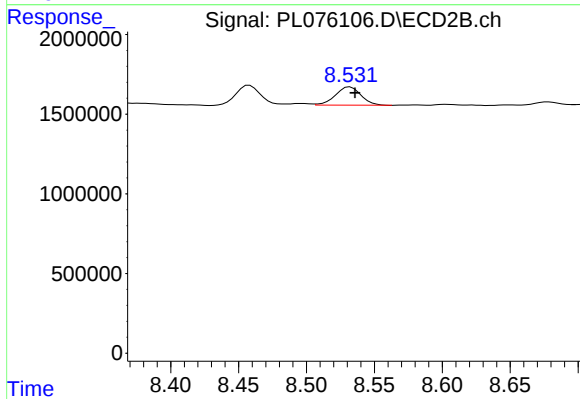
#17 4,4'-DDT

R.T.: 8.458 min
Delta R.T.: -0.004 min
Response: 1521265
Conc: 1.03 ng/ml



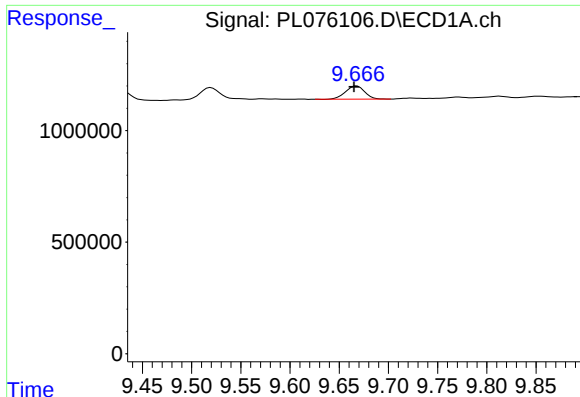
#18 Endrin aldehyde

R.T.: 9.429 min
Delta R.T.: 0.003 min
Response: 645335
Conc: 1.25 ng/ml



#18 Endrin aldehyde

R.T.: 8.532 min
Delta R.T.: -0.004 min
Response: 1512967
Conc: 1.27 ng/ml



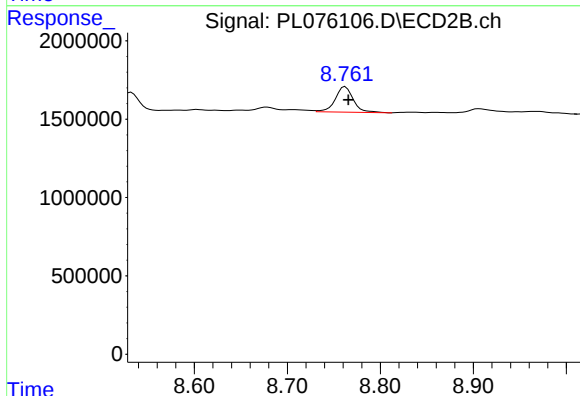
#19 Endosulfan Sulfate

R.T.: 9.668 min
Delta R.T.: 0.003 min
Response: 807965
Conc: 1.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

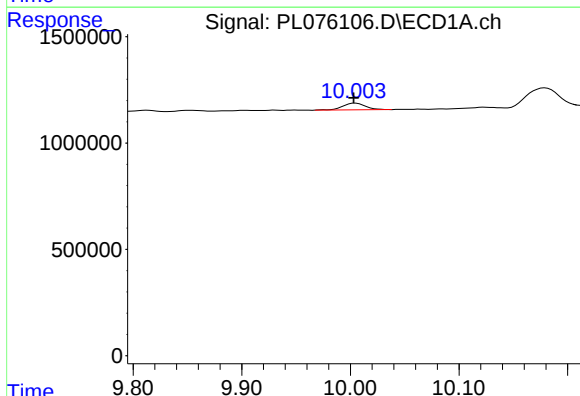
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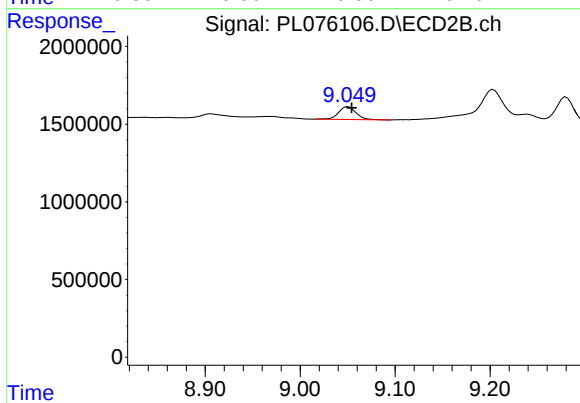
#19 Endosulfan Sulfate

R.T.: 8.762 min
Delta R.T.: -0.003 min
Response: 2178879
Conc: 1.42 ng/ml



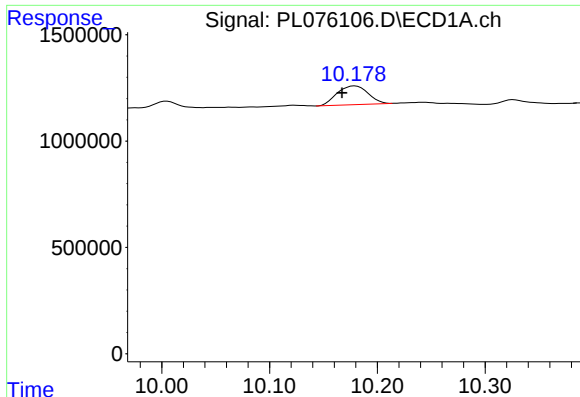
#20 Methoxychlor

R.T.: 10.005 min
Delta R.T.: 0.002 min
Response: 462793
Conc: 1.35 ng/ml



#20 Methoxychlor

R.T.: 9.050 min
Delta R.T.: -0.004 min
Response: 1050247
Conc: 1.23 ng/ml



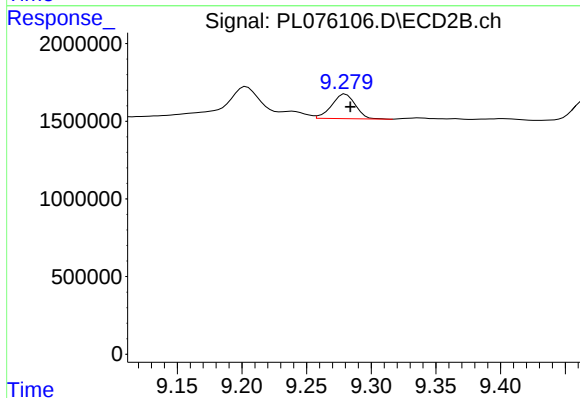
#21 Endrin ketone

R.T.: 10.179 min
Delta R.T.: 0.012 min
Response: 1755768
Conc: 2.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

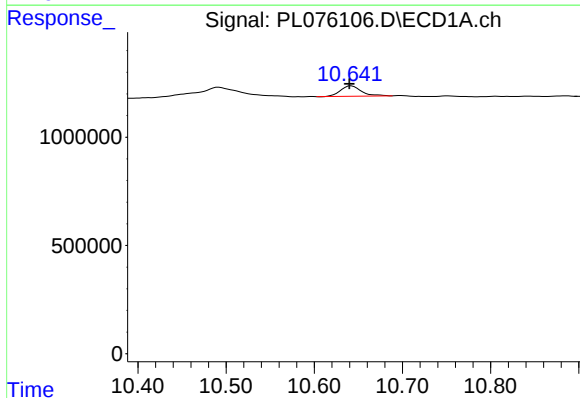
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/30/2022
Supervised By :Ankita Jodhani 06/30/2022



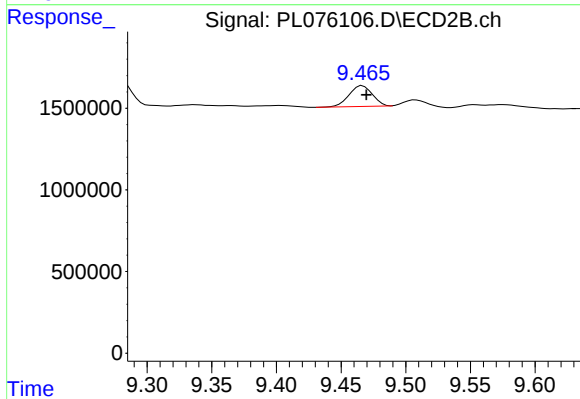
#21 Endrin ketone

R.T.: 9.280 min
Delta R.T.: -0.004 min
Response: 2013701
Conc: 1.22 ng/ml



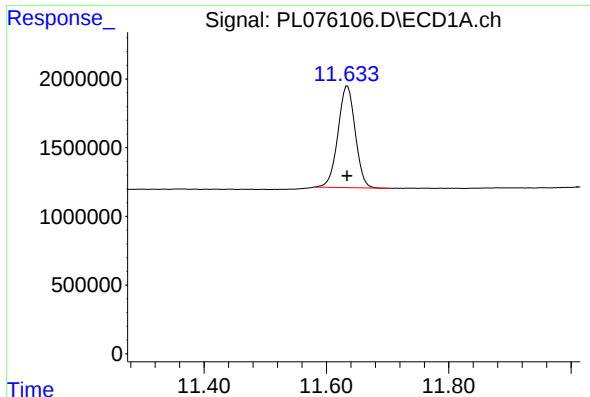
#22 Mirex

R.T.: 10.642 min
Delta R.T.: 0.003 min
Response: 774810
Conc: 1.44 ng/ml



#22 Mirex

R.T.: 9.467 min
Delta R.T.: -0.003 min
Response: 1602033
Conc: 1.20 ng/ml



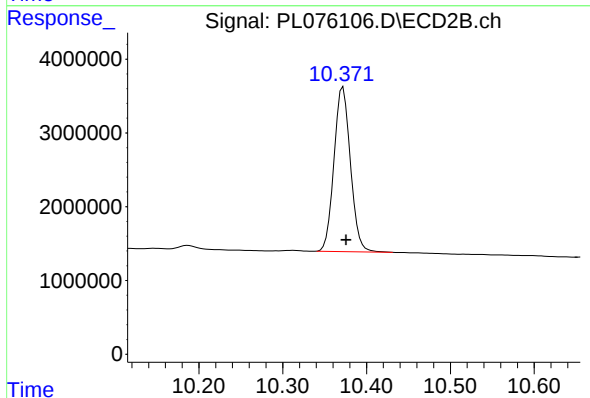
#28 Decachlorobiphenyl

R.T.: 11.634 min
Delta R.T.: 0.000 min
Response: 14499228
Conc: 23.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 10.372 min
Delta R.T.: -0.004 min
Response: 30368794
Conc: 19.77 ng/ml