

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111121\
 Data File : PL070920.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2021 12:54
 Operator : AR\AJ
 Sample : M4068-07
 Misc : (Sig #1); PEST LOD 1PPB (Sig #2)
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/12/2021
 Supervised By : mohammad ahmed 11/12/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 04:04:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 04 19:28:07 2021
 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...	4.568	5.501	9456768	25792576	19.307	20.456
28)	SA Decachlor...	10.329	11.390	13895817	28485509	20.336	21.300
Target Compounds							
2)	A alpha-BHC	5.273	6.080	385585	1763713	0.576	0.958 #
3)	MA gamma-BHC...	5.695	6.476	694641	1782095	1.036	1.028
4)	MA Heptachlor	6.102	7.123	735673	1729100	1.025m	1.065
5)	MB Aldrin	6.427	7.493	638963	1720571	0.999	1.060
6)	B beta-BHC	6.077	6.735	320616	1912661	0.987m	2.232 #
7)	B delta-BHC	6.336	6.997	626930	1503937	0.947m	0.899m
8)	B Heptachlo...	7.004	7.960	723966	1664460	1.114	1.092
9)	A Endosulfan I	7.406	8.364	690545	1656636	1.127	1.152
10)	B gamma-Chl...	7.281	8.229	771076	1747423	1.162	1.129
11)	B alpha-Chl...	7.350	8.309	783667	1966667	1.176	1.293
12)	B 4,4'-DDE	7.565	8.499	587238	1753033	1.008	1.188
13)	MA Dieldrin	7.692	8.653	785629	1645772	1.259	1.129
14)	MA Endrin	7.983	8.892	551191	1460285	0.972	1.261 #
15)	B Endosulfa...	8.294	9.127	755716	1782731	1.248	1.460
16)	A 4,4'-DDD	8.151	9.037	583725	1063793	1.149	0.884m
17)	MA 4,4'-DDT	8.411	9.355	582077	1319975	1.058	1.046
18)	B Endrin al...	8.483	9.262	641570	1343289	1.412	1.389
19)	B Endosulfa...	8.714	9.498	764216	1477089	1.239	1.192
20)	A Methoxychlor	9.008	9.841	540425	909911	1.477	1.344
21)	B Endrin ke...	9.231	9.995	1023642	2279732	1.432	1.588
22)	Mirex	9.415	10.460	860685	1205598	1.401	1.157

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111121\
 Data File : PL070920.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2021 12:54
 Operator : AR\AJ
 Sample : M4068-07
 Misc : (Sig #1); PEST LOD 1PPB (Sig #2)
 ALS Vial : 11 Sample Multiplier: 1

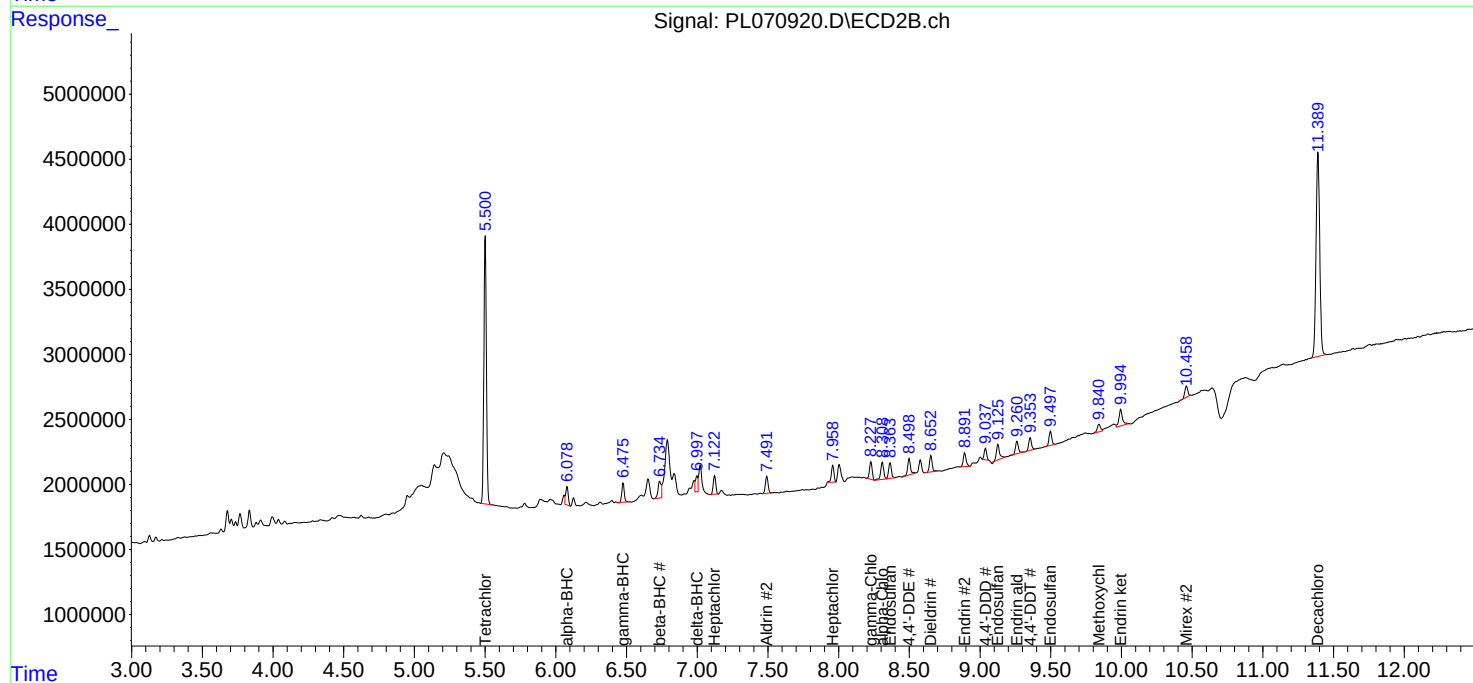
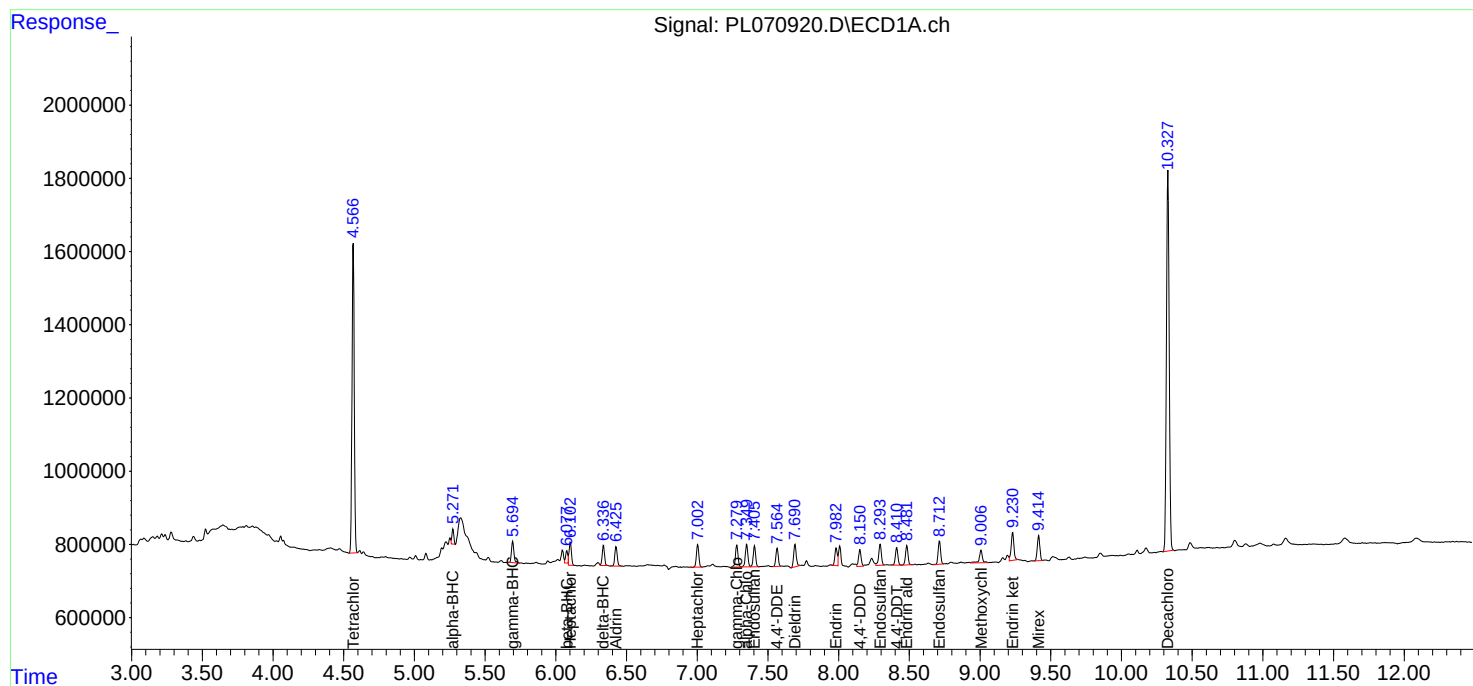
Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021

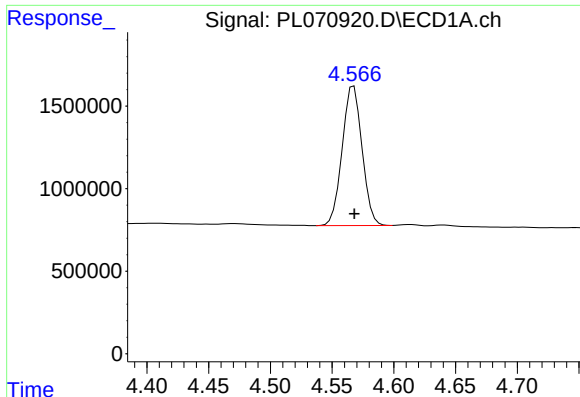
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/12/2021
 Supervised By :mohammad ahmed 11/12/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 04:04:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 04 19:28:07 2021
 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





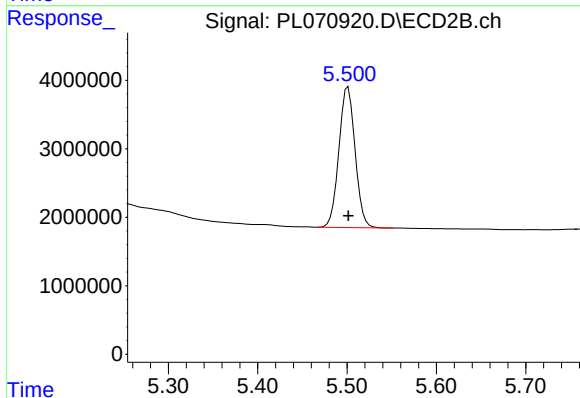
#1 Tetrachloro-m-xylene

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 9456768
Conc: 19.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

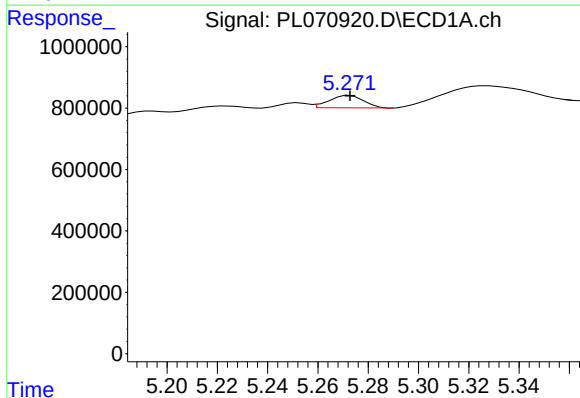
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/12/2021
Supervised By :mohammad ahmed 11/12/2021



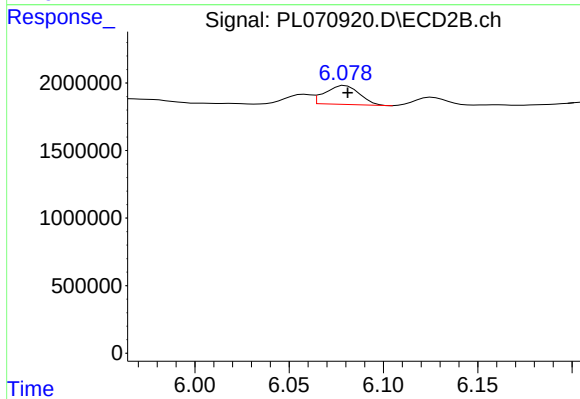
#1 Tetrachloro-m-xylene

R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 25792576
Conc: 20.46 ng/ml



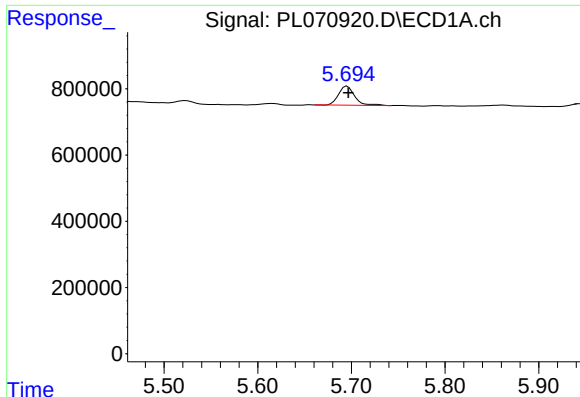
#2 alpha-BHC

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 385585
Conc: 0.58 ng/ml



#2 alpha-BHC

R.T.: 6.080 min
Delta R.T.: -0.001 min
Response: 1763713
Conc: 0.96 ng/ml



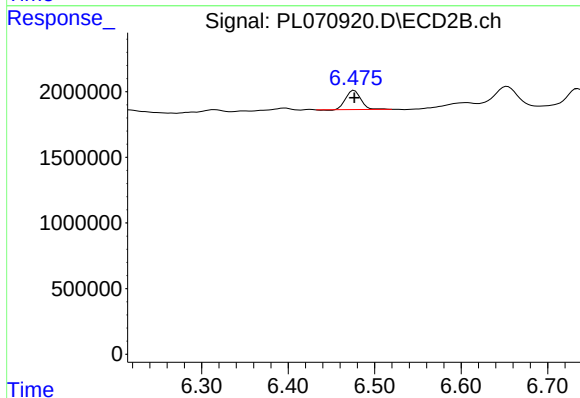
#3 gamma-BHC (Lindane)

R.T.: 5.695 min
Delta R.T.: -0.001 min
Response: 694641
Conc: 1.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

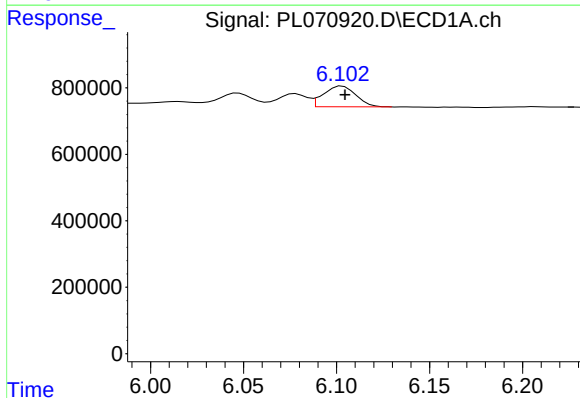
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/12/2021
Supervised By :mohammad ahmed 11/12/2021



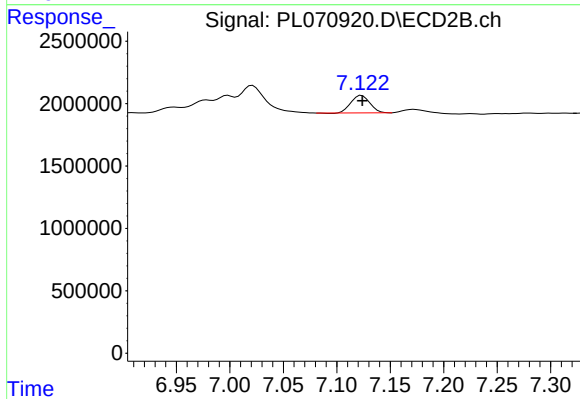
#3 gamma-BHC (Lindane)

R.T.: 6.476 min
Delta R.T.: 0.000 min
Response: 1782095
Conc: 1.03 ng/ml



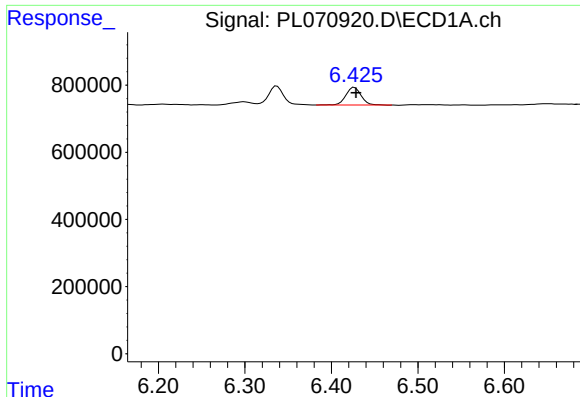
#4 Heptachlor

R.T.: 6.102 min
Delta R.T.: -0.003 min
Response: 735673
Conc: 1.03 ng/ml m



#4 Heptachlor

R.T.: 7.123 min
Delta R.T.: 0.000 min
Response: 1729100
Conc: 1.06 ng/ml



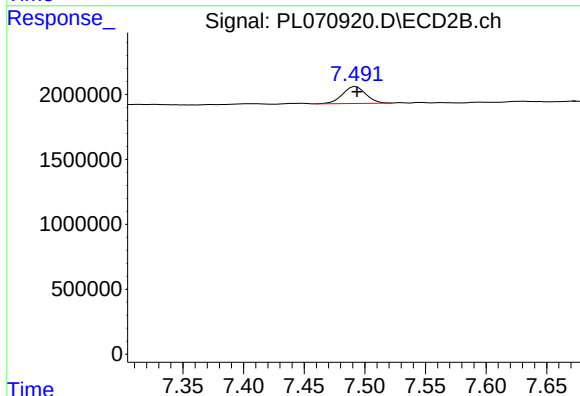
#5 Aldrin

R.T.: 6.427 min
Delta R.T.: -0.002 min
Response: 638963
Conc: 1.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

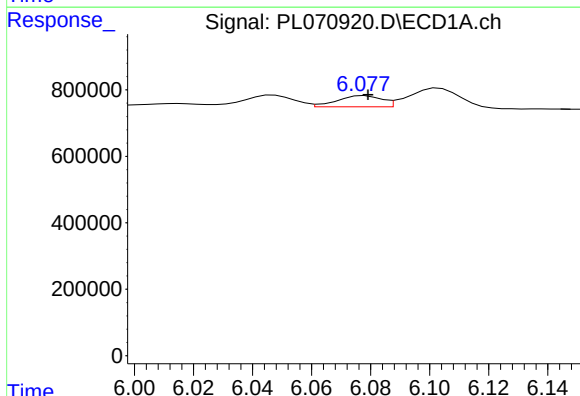
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/12/2021
Supervised By :mohammad ahmed 11/12/2021



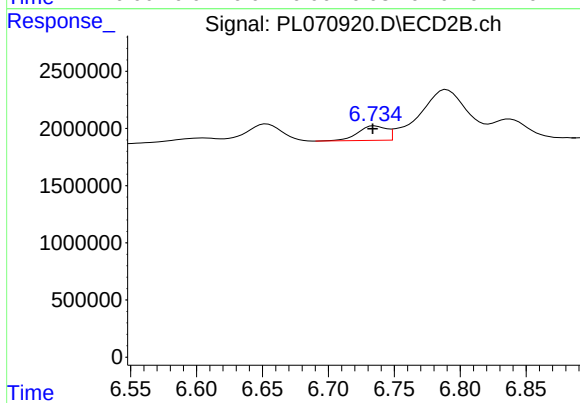
#5 Aldrin

R.T.: 7.493 min
Delta R.T.: -0.001 min
Response: 1720571
Conc: 1.06 ng/ml



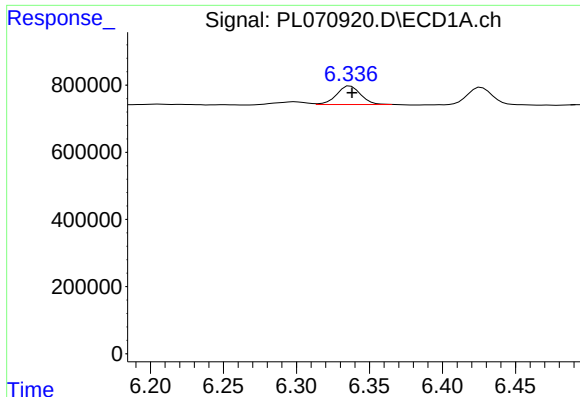
#6 beta-BHC

R.T.: 6.077 min
Delta R.T.: -0.003 min
Response: 320616
Conc: 0.99 ng/ml m



#6 beta-BHC

R.T.: 6.735 min
Delta R.T.: 0.002 min
Response: 1912661
Conc: 2.23 ng/ml



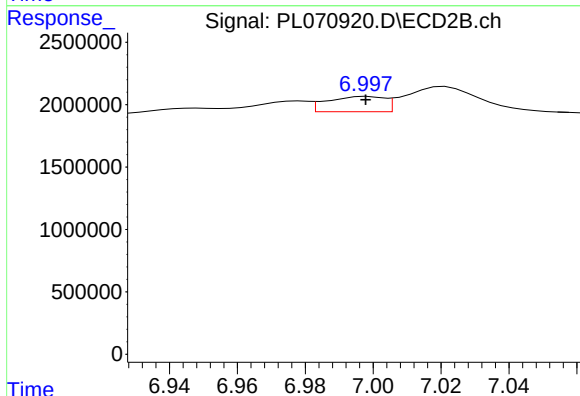
#7 delta-BHC

R.T.: 6.336 min
Delta R.T.: -0.003 min
Response: 626930
Conc: 0.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

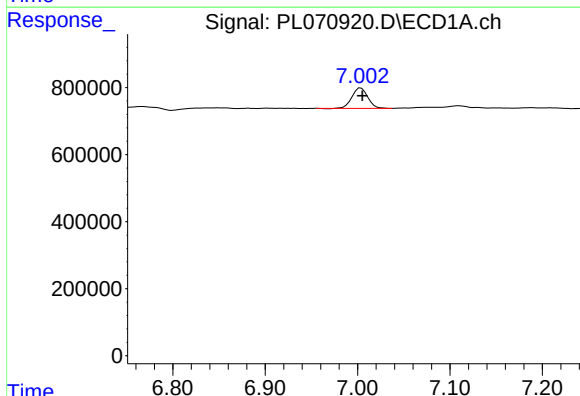
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/12/2021
Supervised By :mohammad ahmed 11/12/2021



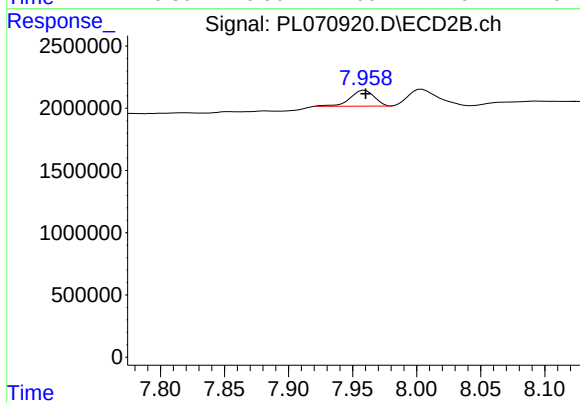
#7 delta-BHC

R.T.: 6.997 min
Delta R.T.: 0.000 min
Response: 1503937
Conc: 0.90 ng/ml m



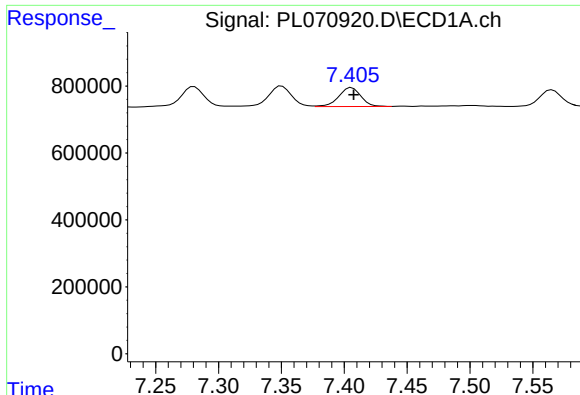
#8 Heptachlor epoxide

R.T.: 7.004 min
Delta R.T.: -0.002 min
Response: 723966
Conc: 1.11 ng/ml



#8 Heptachlor epoxide

R.T.: 7.960 min
Delta R.T.: 0.000 min
Response: 1664460
Conc: 1.09 ng/ml



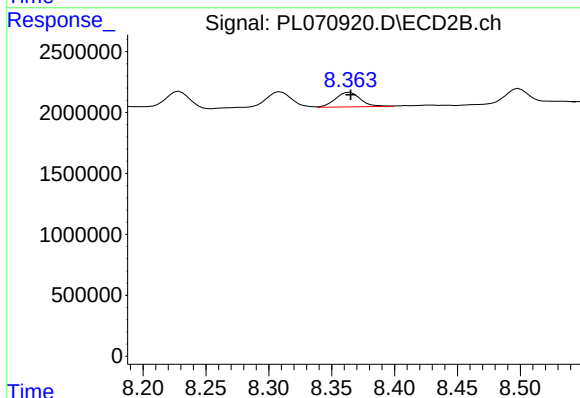
#9 Endosulfan I

R.T.: 7.406 min
Delta R.T.: -0.002 min
Response: 690545
Conc: 1.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

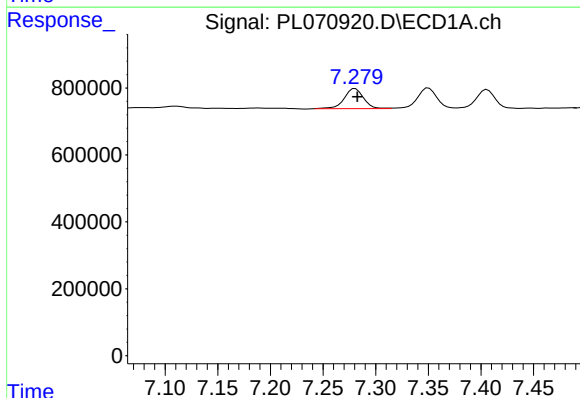
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/12/2021
Supervised By :mohammad ahmed 11/12/2021



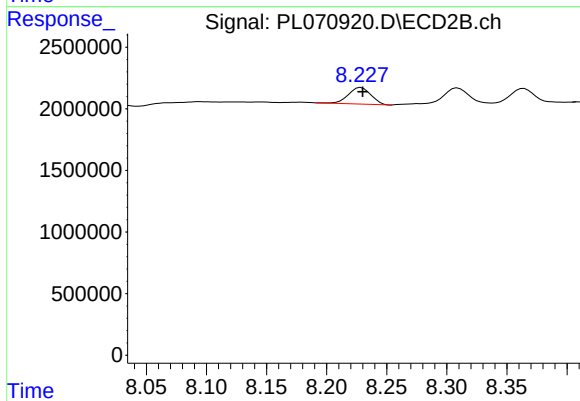
#9 Endosulfan I

R.T.: 8.364 min
Delta R.T.: -0.001 min
Response: 1656636
Conc: 1.15 ng/ml



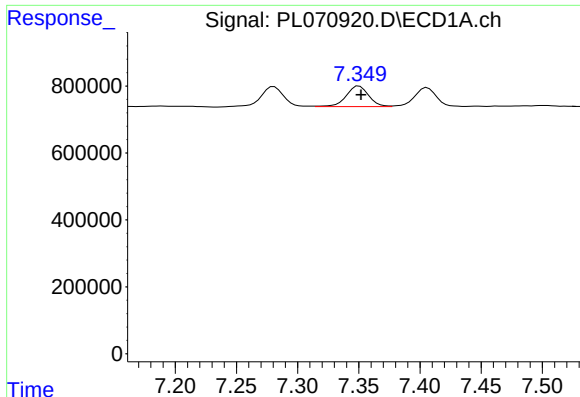
#10 gamma-Chlordane

R.T.: 7.281 min
Delta R.T.: -0.002 min
Response: 771076
Conc: 1.16 ng/ml



#10 gamma-Chlordane

R.T.: 8.229 min
Delta R.T.: -0.001 min
Response: 1747423
Conc: 1.13 ng/ml



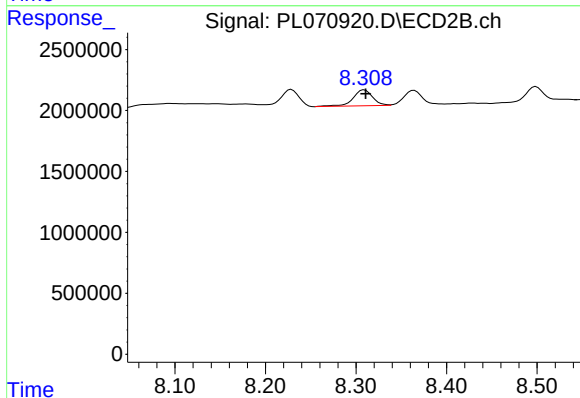
#11 alpha-Chlordane

R.T.: 7.350 min
Delta R.T.: -0.002 min
Response: 783667
Conc: 1.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

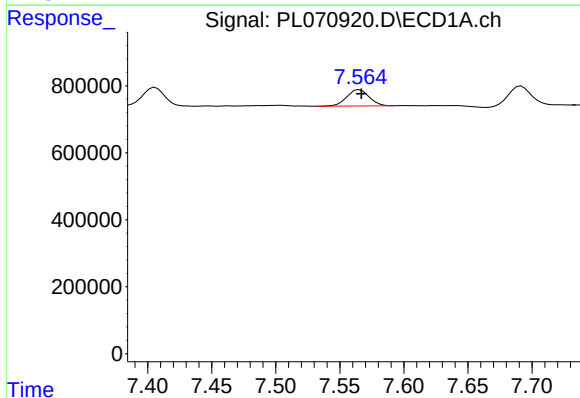
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/12/2021
Supervised By :mohammad ahmed 11/12/2021



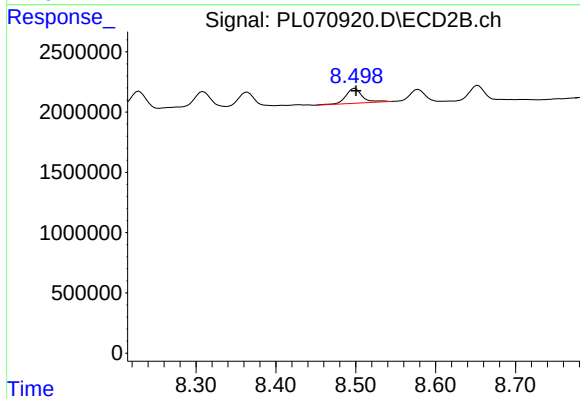
#11 alpha-Chlordane

R.T.: 8.309 min
Delta R.T.: -0.002 min
Response: 1966667
Conc: 1.29 ng/ml



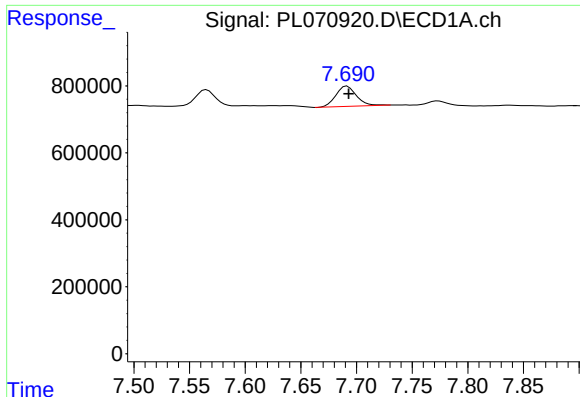
#12 4,4'-DDE

R.T.: 7.565 min
Delta R.T.: -0.002 min
Response: 587238
Conc: 1.01 ng/ml



#12 4,4'-DDE

R.T.: 8.499 min
Delta R.T.: -0.001 min
Response: 1753033
Conc: 1.19 ng/ml



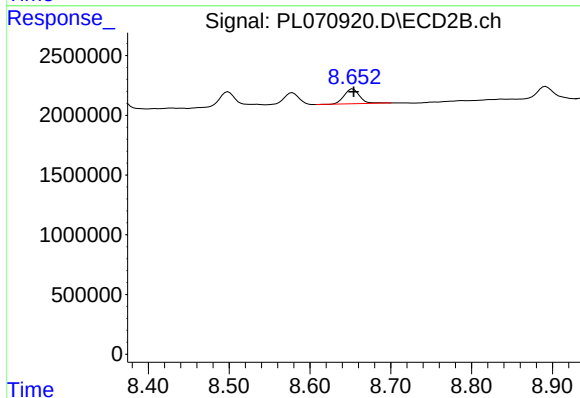
#13 Dieldrin

R.T.: 7.692 min
Delta R.T.: -0.001 min
Response: 785629
Conc: 1.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

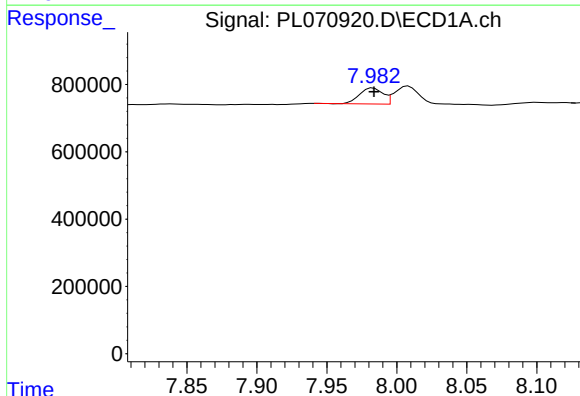
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/12/2021
Supervised By :mohammad ahmed 11/12/2021



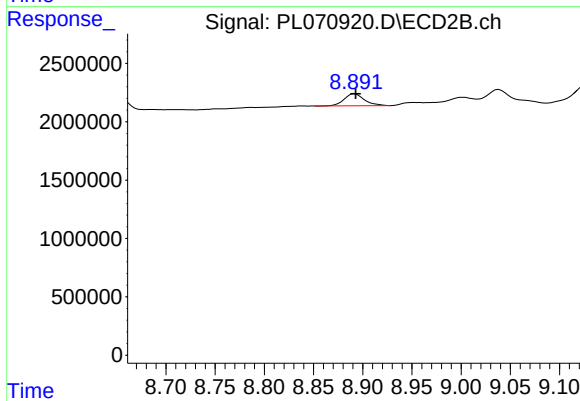
#13 Dieldrin

R.T.: 8.653 min
Delta R.T.: -0.001 min
Response: 1645772
Conc: 1.13 ng/ml



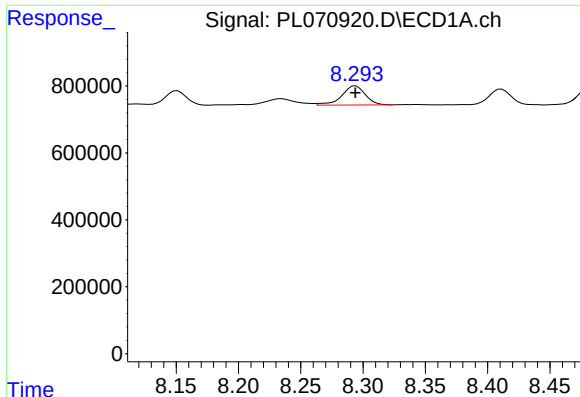
#14 Endrin

R.T.: 7.983 min
Delta R.T.: 0.000 min
Response: 551191
Conc: 0.97 ng/ml



#14 Endrin

R.T.: 8.892 min
Delta R.T.: 0.000 min
Response: 1460285
Conc: 1.26 ng/ml



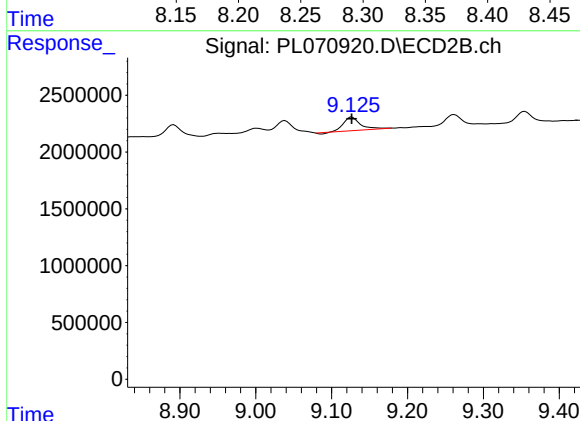
#15 Endosulfan II

R.T.: 8.294 min
Delta R.T.: 0.000 min
Response: 755716
Conc: 1.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

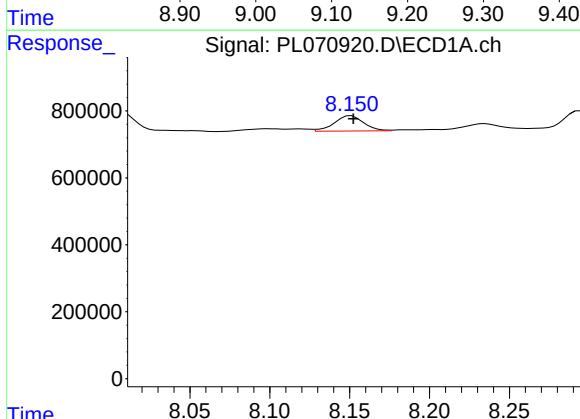
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/12/2021
Supervised By :mohammad ahmed 11/12/2021



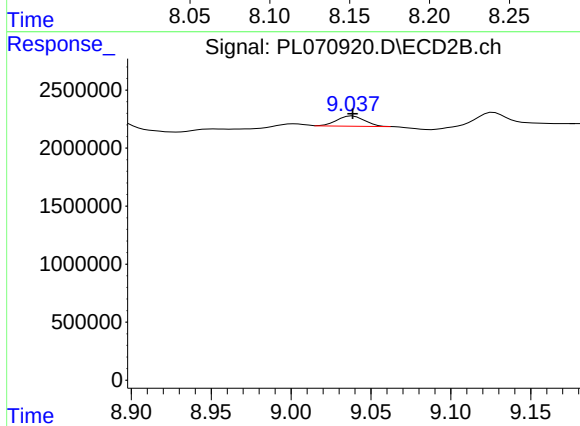
#15 Endosulfan II

R.T.: 9.127 min
Delta R.T.: 0.000 min
Response: 1782731
Conc: 1.46 ng/ml



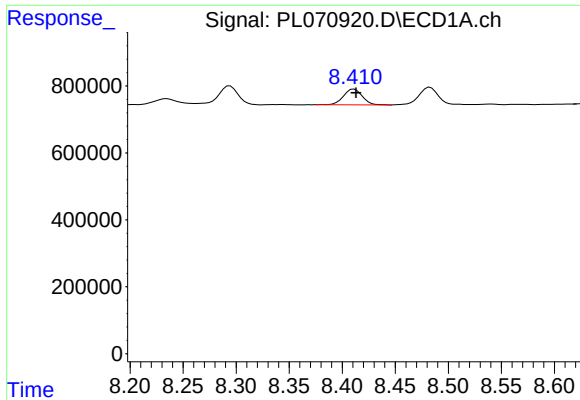
#16 4,4'-DDD

R.T.: 8.151 min
Delta R.T.: -0.001 min
Response: 583725
Conc: 1.15 ng/ml



#16 4,4'-DDD

R.T.: 9.037 min
Delta R.T.: -0.001 min
Response: 1063793
Conc: 0.88 ng/ml m



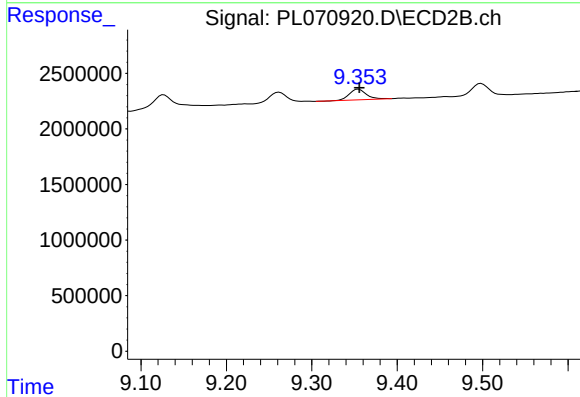
#17 4,4'-DDT

R.T.: 8.411 min
Delta R.T.: -0.002 min
Response: 582077
Conc: 1.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

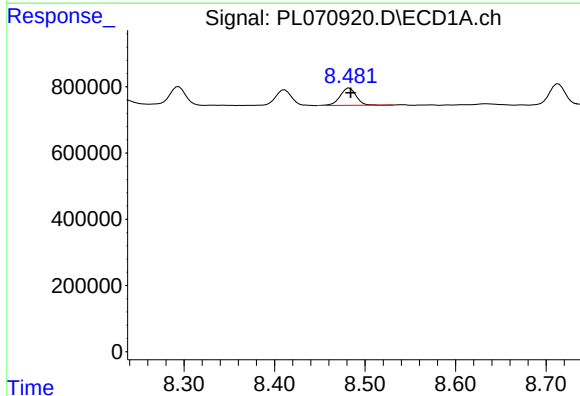
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/12/2021
Supervised By :mohammad ahmed 11/12/2021



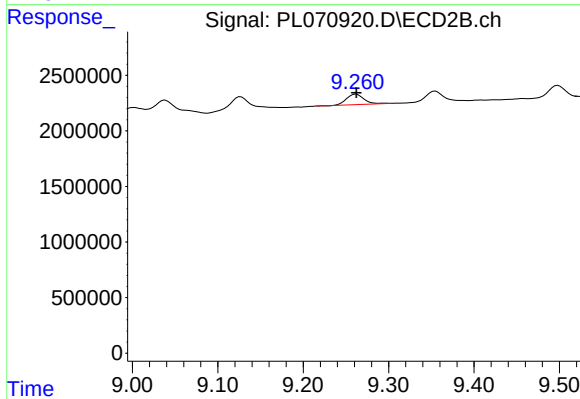
#17 4,4'-DDT

R.T.: 9.355 min
Delta R.T.: 0.000 min
Response: 1319975
Conc: 1.05 ng/ml



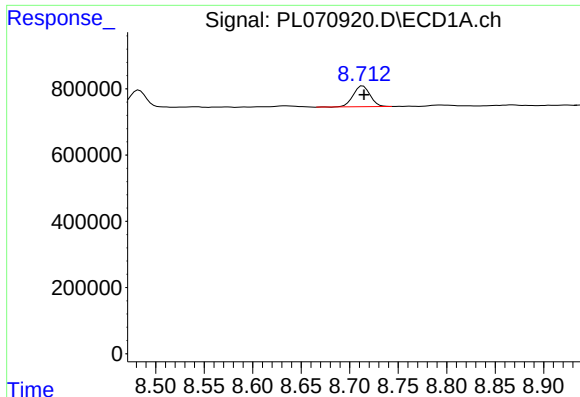
#18 Endrin aldehyde

R.T.: 8.483 min
Delta R.T.: -0.001 min
Response: 641570
Conc: 1.41 ng/ml



#18 Endrin aldehyde

R.T.: 9.262 min
Delta R.T.: 0.000 min
Response: 1343289
Conc: 1.39 ng/ml



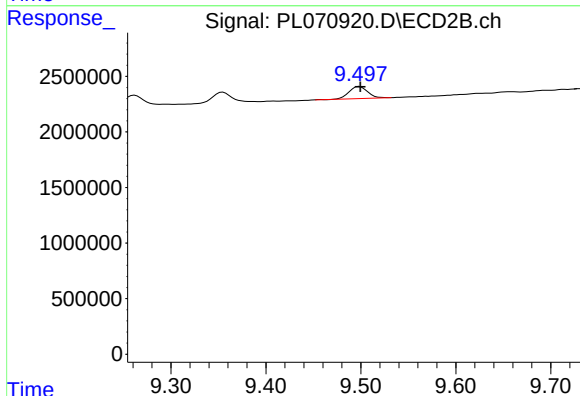
#19 Endosulfan Sulfate

R.T.: 8.714 min
Delta R.T.: -0.001 min
Response: 764216
Conc: 1.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

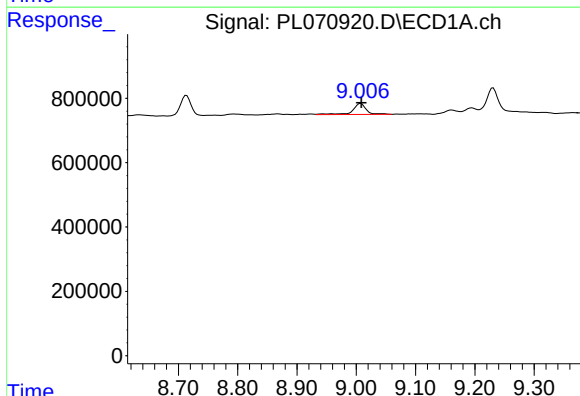
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/12/2021
Supervised By :mohammad ahmed 11/12/2021



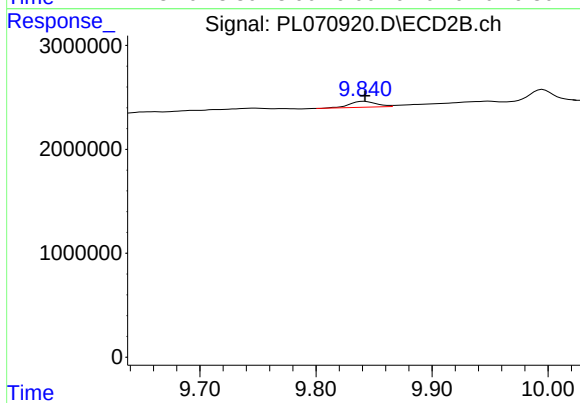
#19 Endosulfan Sulfate

R.T.: 9.498 min
Delta R.T.: -0.001 min
Response: 1477089
Conc: 1.19 ng/ml



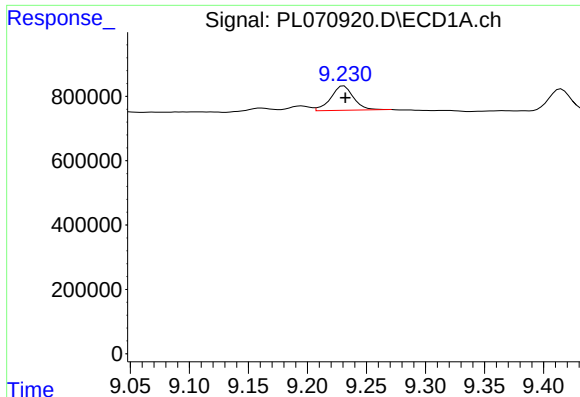
#20 Methoxychlor

R.T.: 9.008 min
Delta R.T.: -0.001 min
Response: 540425
Conc: 1.48 ng/ml



#20 Methoxychlor

R.T.: 9.841 min
Delta R.T.: -0.001 min
Response: 909911
Conc: 1.34 ng/ml



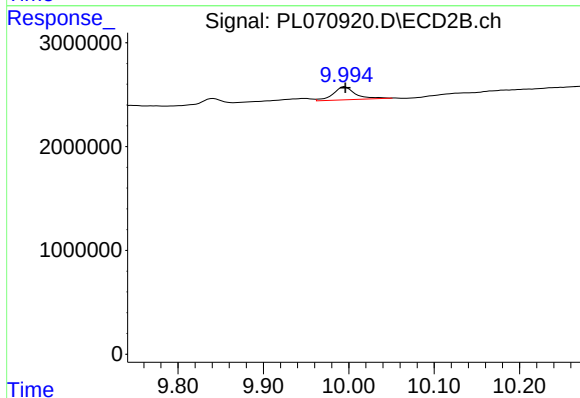
#21 Endrin ketone

R.T.: 9.231 min
Delta R.T.: -0.001 min
Response: 1023642
Conc: 1.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

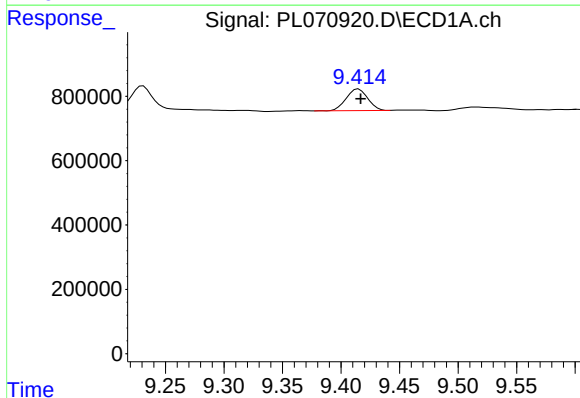
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/12/2021
Supervised By :mohammad ahmed 11/12/2021



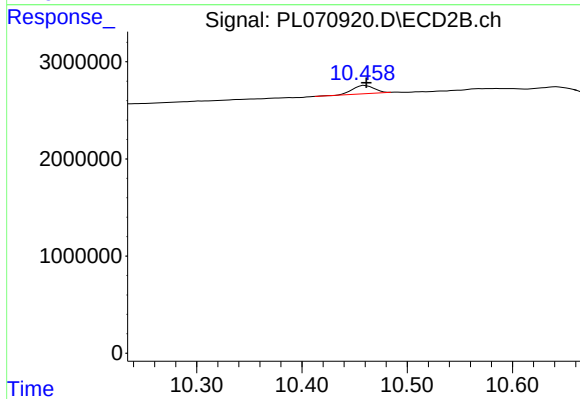
#21 Endrin ketone

R.T.: 9.995 min
Delta R.T.: 0.000 min
Response: 2279732
Conc: 1.59 ng/ml



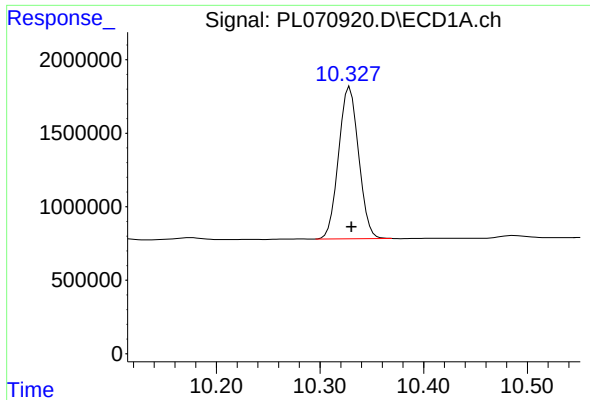
#22 Mirex

R.T.: 9.415 min
Delta R.T.: -0.002 min
Response: 860685
Conc: 1.40 ng/ml



#22 Mirex

R.T.: 10.460 min
Delta R.T.: -0.001 min
Response: 1205598
Conc: 1.16 ng/ml



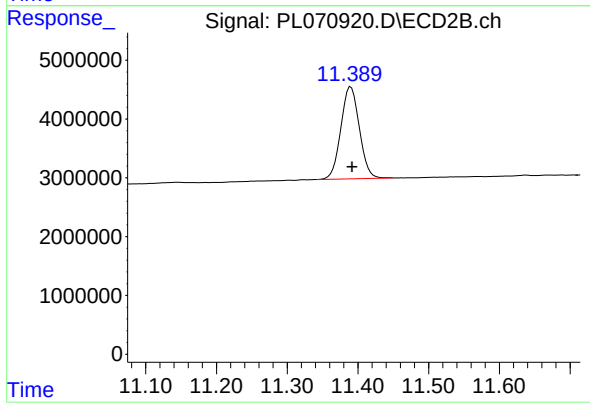
#28 Decachlorobiphenyl

R.T.: 10.329 min
Delta R.T.: -0.002 min
Response: 13895817
Conc: 20.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/12/2021
Supervised By :mohammad ahmed 11/12/2021



#28 Decachlorobiphenyl

R.T.: 11.390 min
Delta R.T.: -0.002 min
Response: 28485509
Conc: 21.30 ng/ml