

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031622\
 Data File : PL073424.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2022 17:18
 Operator : AR\AJ
 Sample : N1645-07
 Misc : PEST LOD 1PPB
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-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 06:31:31 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	6225239	33572131	19.436	20.455
28)	SA Decachlor...	10.417	11.330	10080212	36324604	19.824	20.314
Target Compounds							
2)	A alpha-BHC	5.351	6.053	364920	2080150	0.885	0.925
3)	MA gamma-BHC...	5.774	6.442	522490	2166225	1.253	1.015
4)	MA Heptachlor	6.184	7.102	498024	2614552	1.104m	1.116
5)	MB Aldrin	6.511	7.469	497828	2382166	1.205	1.137
6)	B beta-BHC	6.152	6.678	194630	1967792	0.945m	1.888 #
7)	B delta-BHC	6.414	6.946	436943	3903969	1.088m	1.813 #
8)	B Heptachlo...	7.088	7.926	534338	2330403	1.240	1.167
9)	A Endosulfan I	7.491	8.326	474644	2014468	1.157	1.104
10)	B gamma-Chl...	7.365	8.194	564748	3011337	1.291	1.474
11)	B alpha-Chl...	7.435	8.276	549434	2360892	1.243	1.180
12)	B 4,4'-DDE	7.649	8.460	394790	1868851	1.100	1.043
13)	MA Dieldrin	7.777	8.611	499941	2164495	1.200	1.173
14)	MA Endrin	8.068	8.845	524519	1771375	1.352	1.151
15)	B Endosulfa...	8.379	9.069	570309	1711816	1.459	1.115
16)	A 4,4'-DDD	8.233	8.987	329263	2215959	1.014m	1.518 #
17)	MA 4,4'-DDT	8.496	9.306	406485	1892893	1.075	1.158
18)	B Endrin al...	8.567	9.200	465207	1691351	1.471	1.379m
19)	B Endosulfa...	8.798	9.438	559466	1879429	1.324	1.192
20)	A Methoxychlor	9.092	9.785	320144	1032060	1.248	1.145
21)	B Endrin ke...	9.317	9.926	559316	1625860	1.143	0.985m
22)	Mirex	9.506	10.403	654183	1644061	1.387	1.210

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031622\
 Data File : PL073424.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2022 17:18
 Operator : AR\AJ
 Sample : N1645-07
 Misc : PEST LOD 1PPB
 ALS Vial : 16 Sample Multiplier: 1

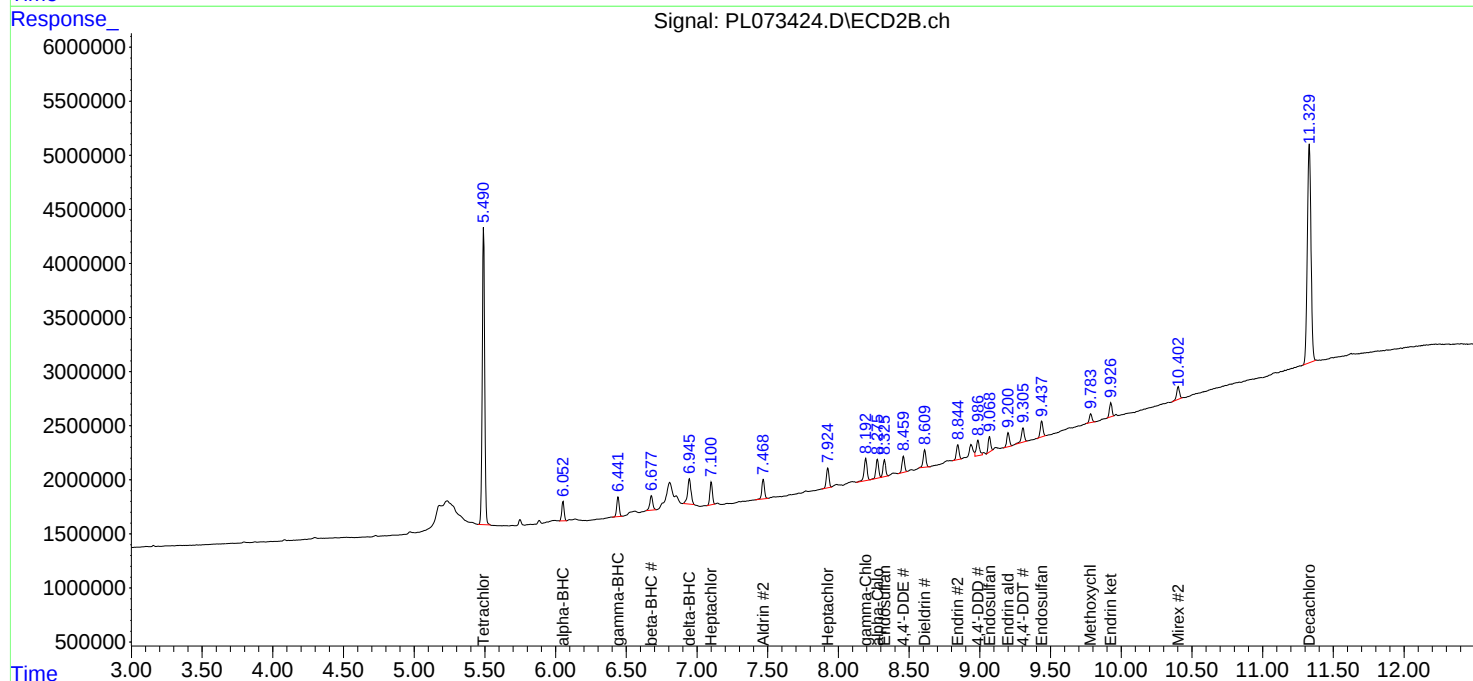
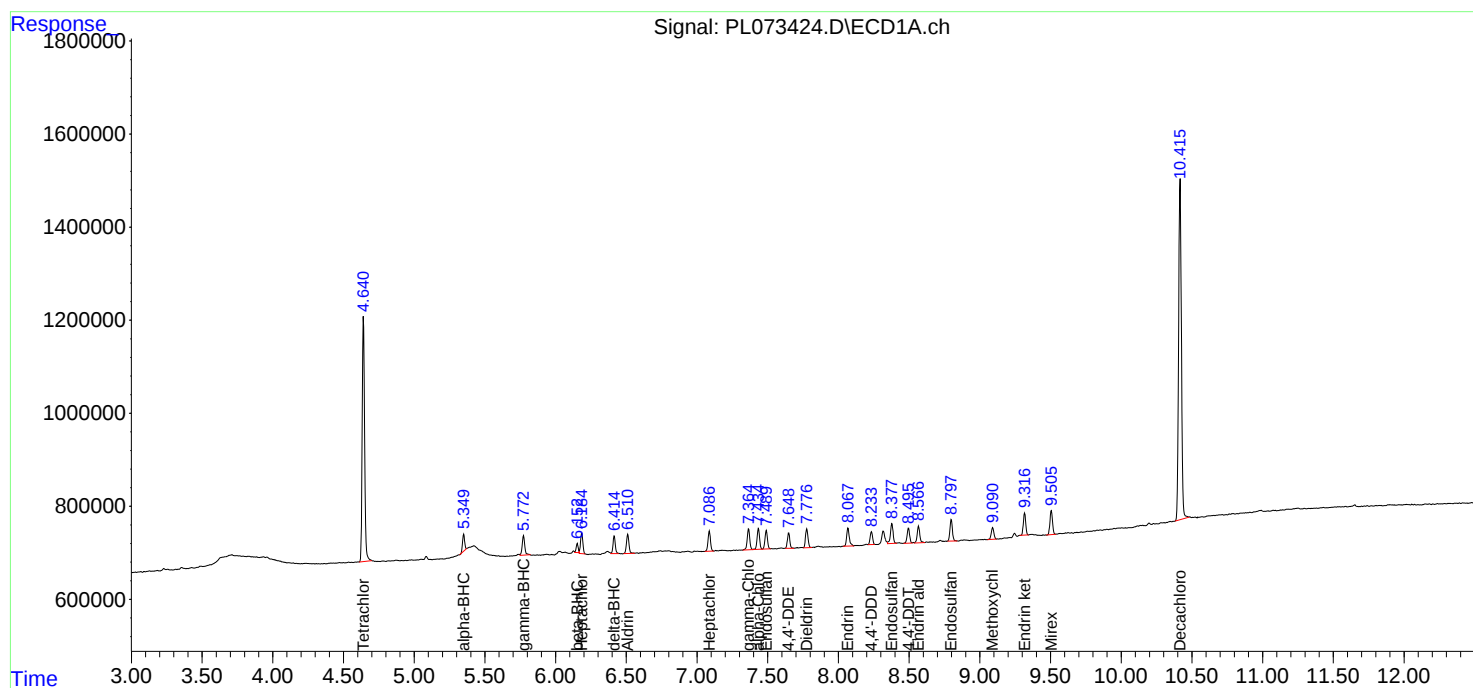
Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022

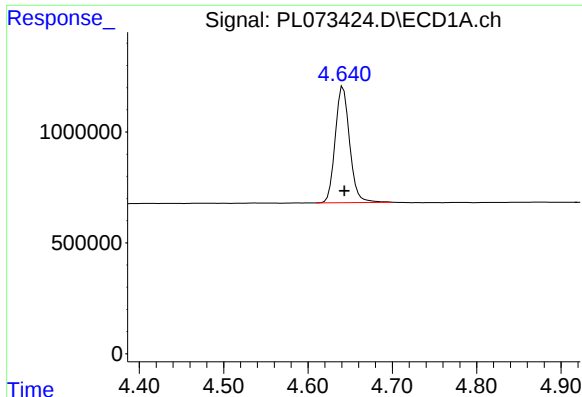
Manual Integrations APPROVED

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 06:31:31 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





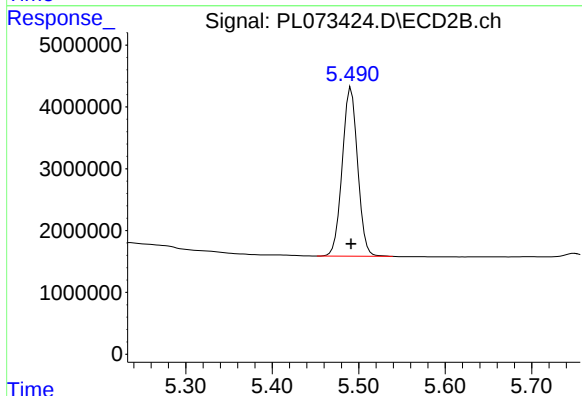
#1 Tetrachloro-m-xylene

R.T.: 4.642 min
Delta R.T.: -0.001 min
Response: 6225239
Conc: 19.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

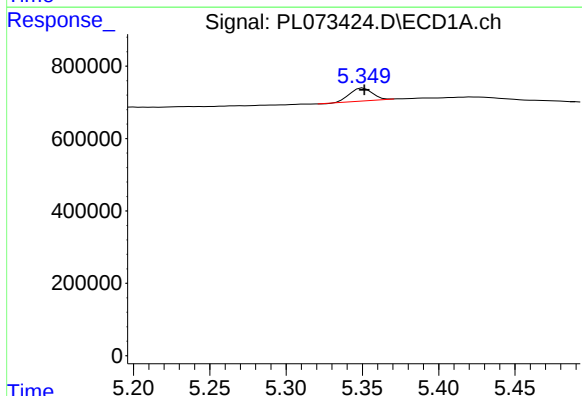
Manual Integrations
APPROVED

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



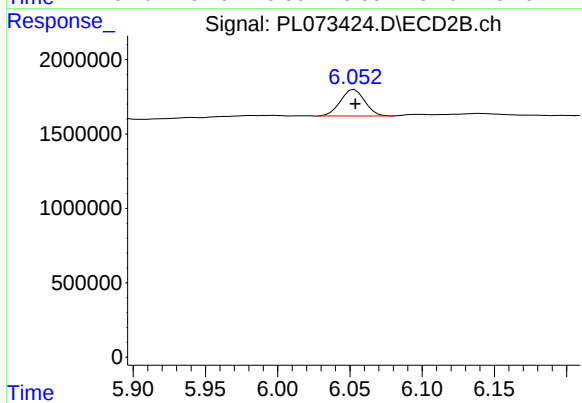
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 33572131
Conc: 20.46 ng/ml



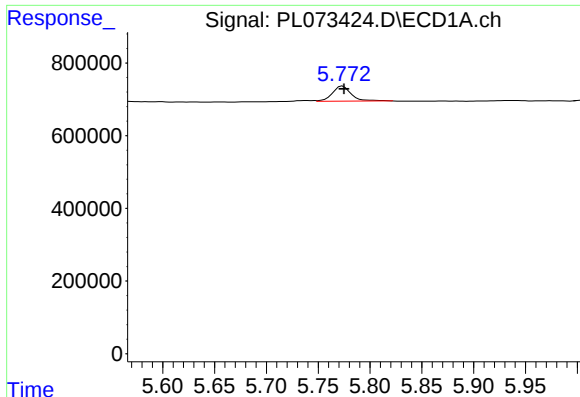
#2 alpha-BHC

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 364920
Conc: 0.89 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 2080150
Conc: 0.92 ng/ml



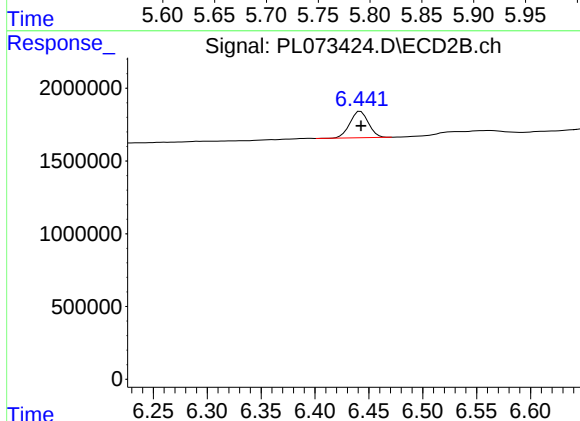
#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: -0.001 min
Response: 522490
Conc: 1.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

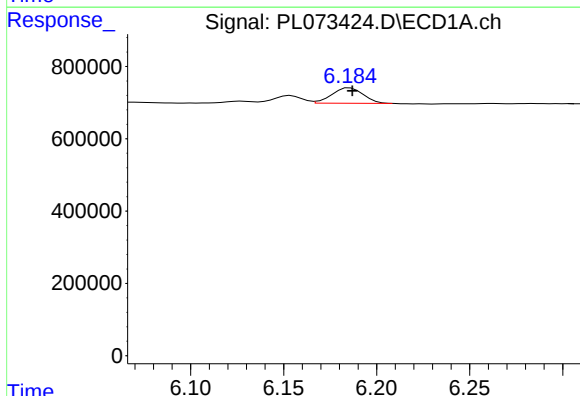
Manual Integrations
APPROVED

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



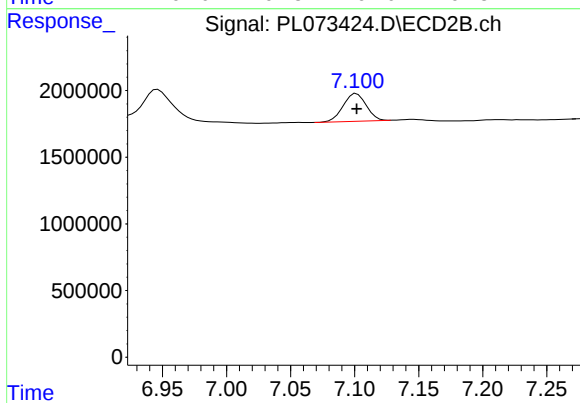
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 2166225
Conc: 1.01 ng/ml



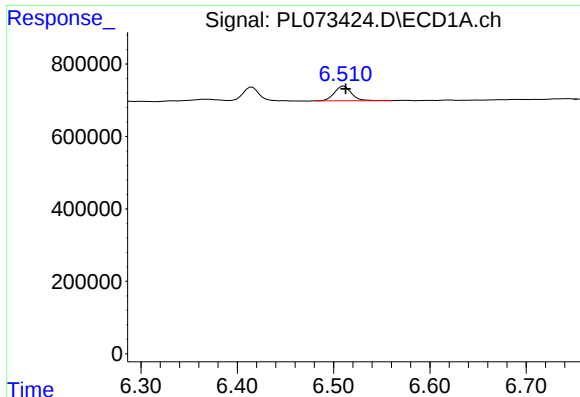
#4 Heptachlor

R.T.: 6.184 min
Delta R.T.: -0.003 min
Response: 498024
Conc: 1.10 ng/ml m



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 2614552
Conc: 1.12 ng/ml



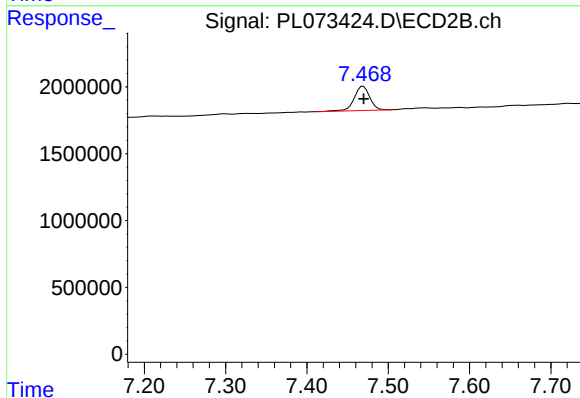
#5 Aldrin

R.T.: 6.511 min
Delta R.T.: -0.002 min
Response: 497828
Conc: 1.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

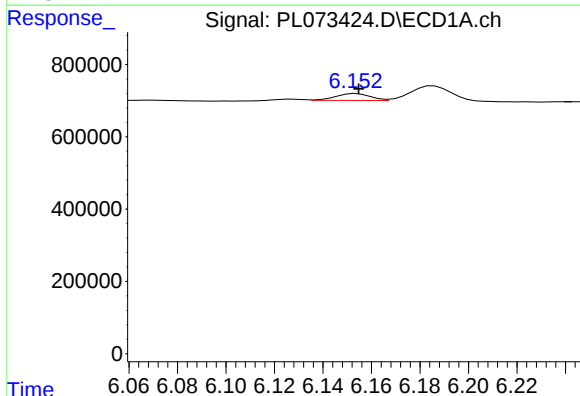
Manual Integrations
APPROVED

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



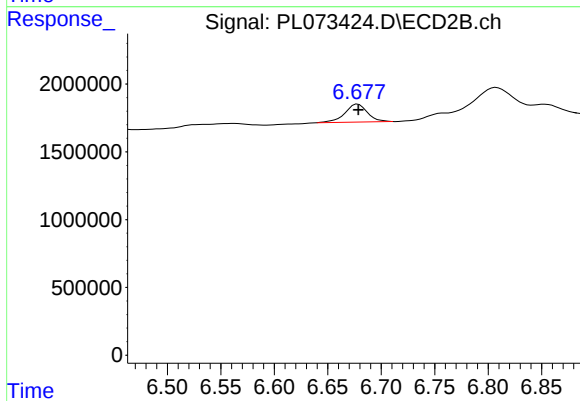
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 2382166
Conc: 1.14 ng/ml



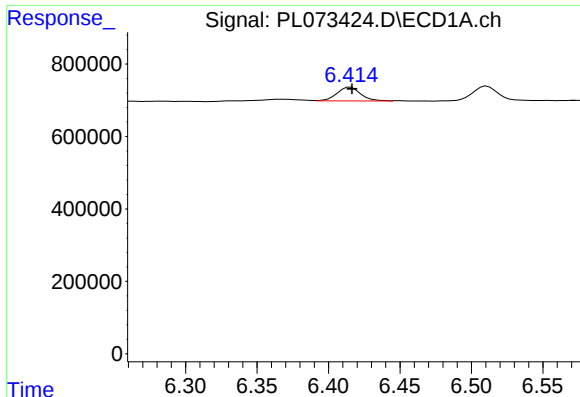
#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: -0.002 min
Response: 194630
Conc: 0.95 ng/ml m



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 1967792
Conc: 1.89 ng/ml



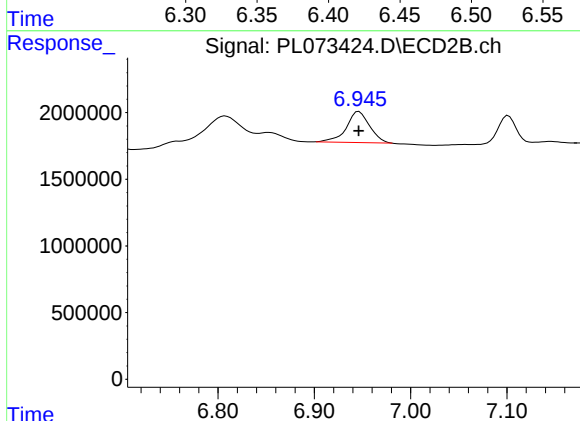
#7 delta-BHC

R.T.: 6.414 min
Delta R.T.: -0.002 min
Response: 436943
Conc: 1.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

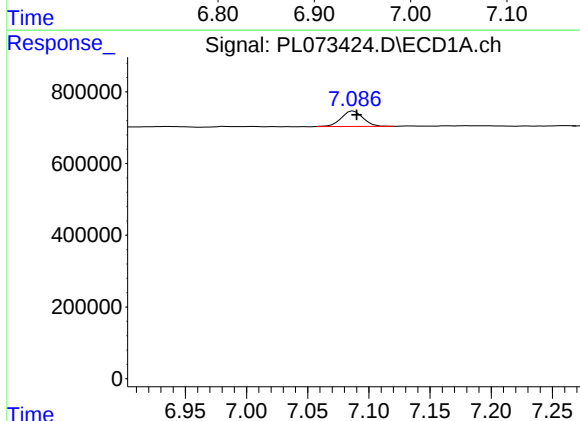
Manual Integrations
APPROVED

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



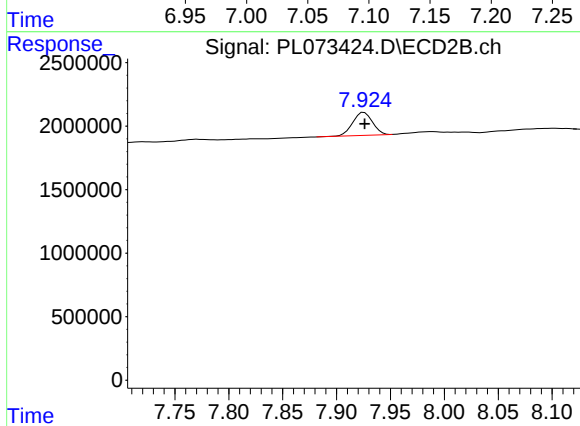
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 3903969
Conc: 1.81 ng/ml



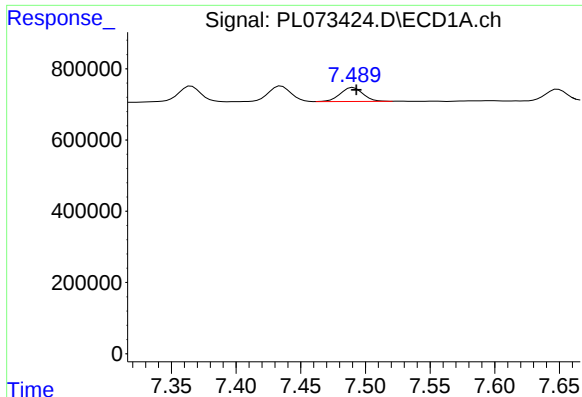
#8 Heptachlor epoxide

R.T.: 7.088 min
Delta R.T.: -0.003 min
Response: 534338
Conc: 1.24 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 2330403
Conc: 1.17 ng/ml



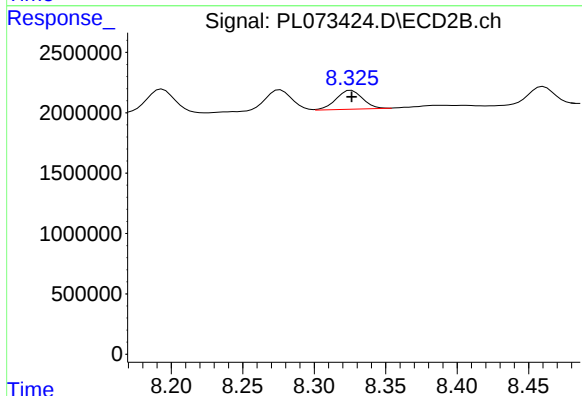
#9 Endosulfan I

R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 474644
Conc: 1.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

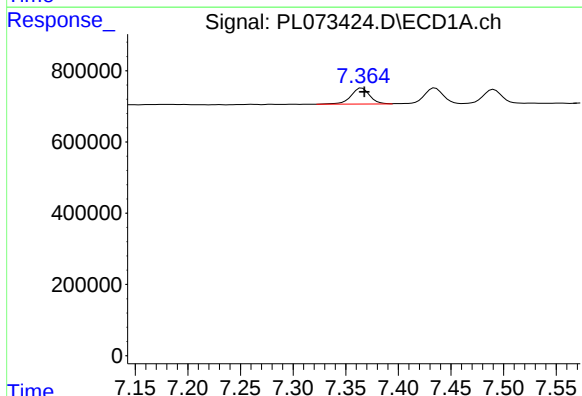
Manual Integrations
APPROVED

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



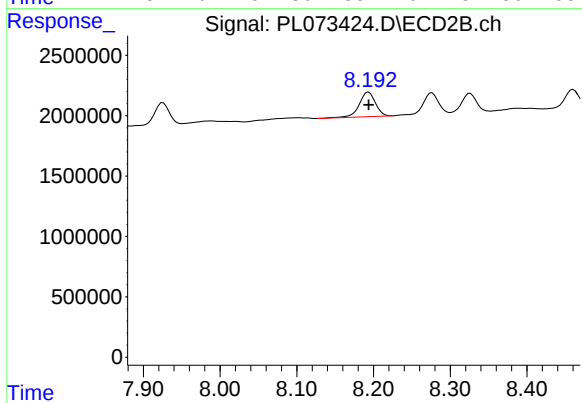
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 2014468
Conc: 1.10 ng/ml



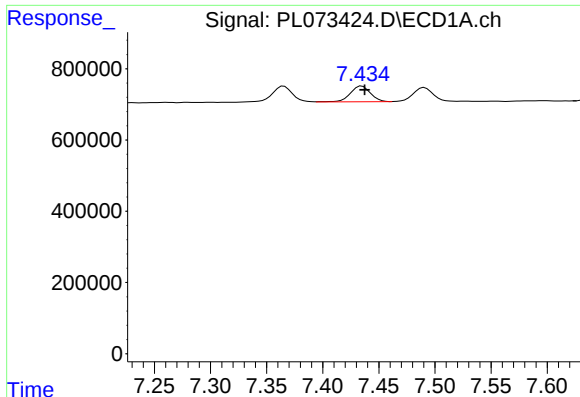
#10 gamma-Chlordane

R.T.: 7.365 min
Delta R.T.: -0.002 min
Response: 564748
Conc: 1.29 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 3011337
Conc: 1.47 ng/ml



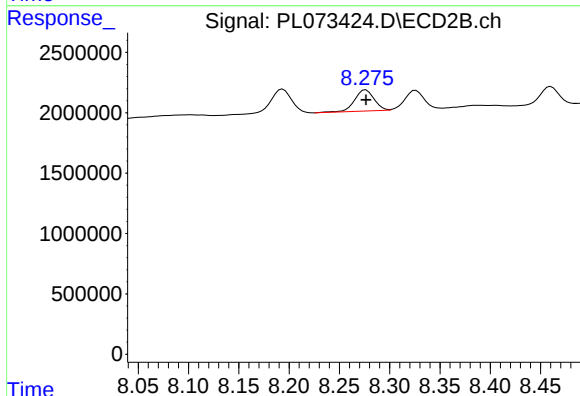
#11 alpha-Chlordane

R.T.: 7.435 min
Delta R.T.: -0.002 min
Response: 549434
Conc: 1.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

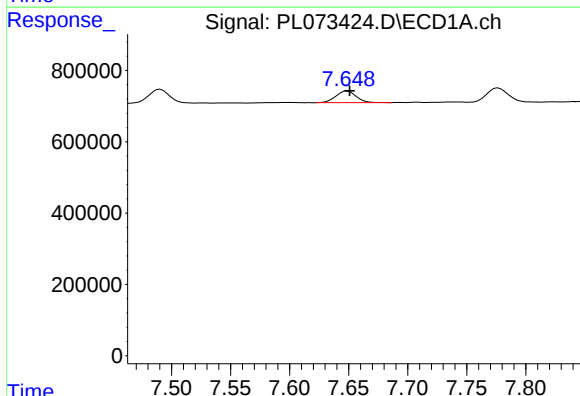
Manual Integrations
APPROVED

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



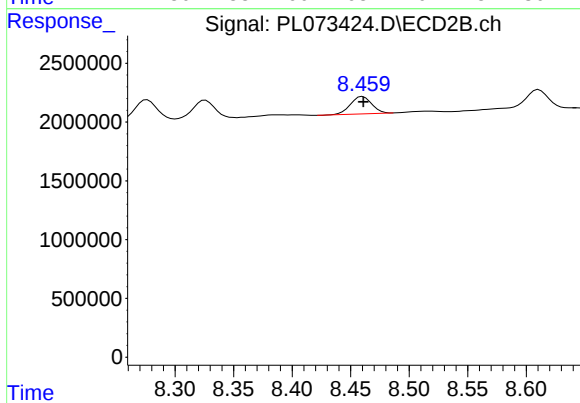
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: 0.000 min
Response: 2360892
Conc: 1.18 ng/ml



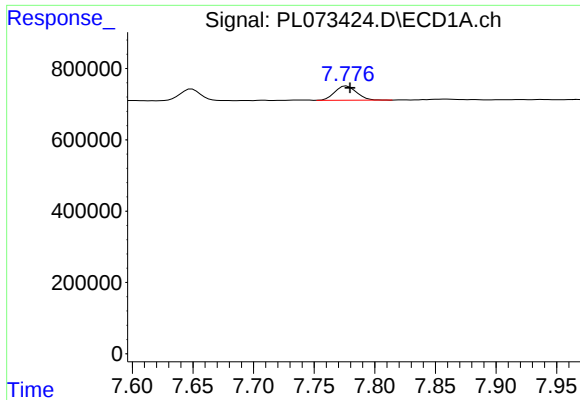
#12 4,4'-DDE

R.T.: 7.649 min
Delta R.T.: -0.002 min
Response: 394790
Conc: 1.10 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: 0.000 min
Response: 1868851
Conc: 1.04 ng/ml



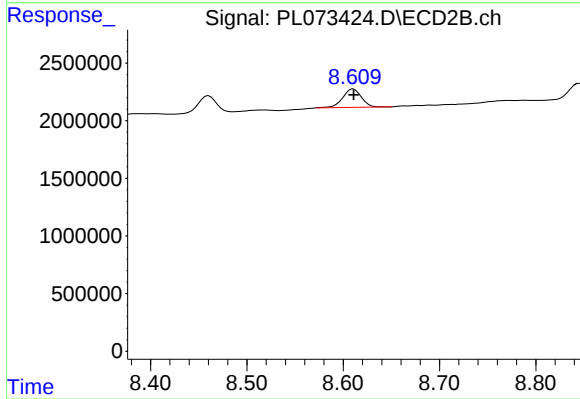
#13 Dieldrin

R.T.: 7.777 min
Delta R.T.: -0.003 min
Response: 499941
Conc: 1.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

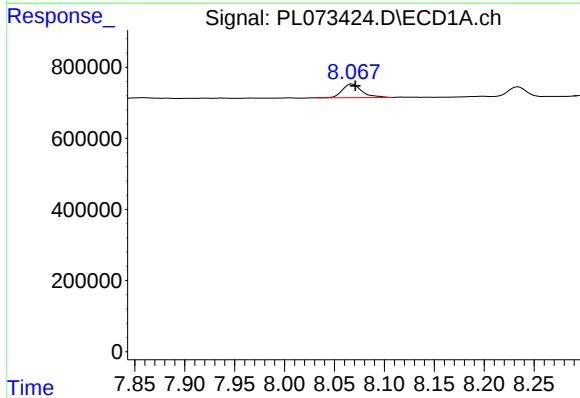
Manual Integrations
APPROVED

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



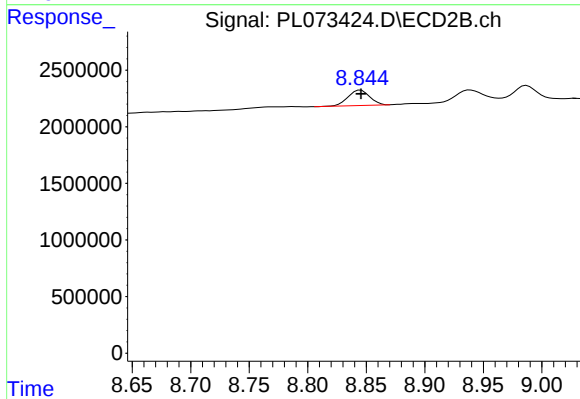
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 2164495
Conc: 1.17 ng/ml



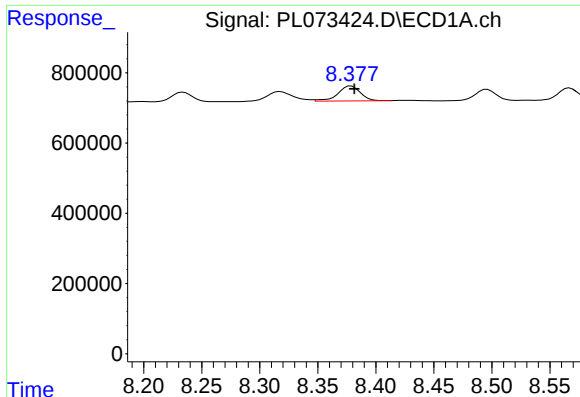
#14 Endrin

R.T.: 8.068 min
Delta R.T.: -0.003 min
Response: 524519
Conc: 1.35 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: 0.000 min
Response: 1771375
Conc: 1.15 ng/ml



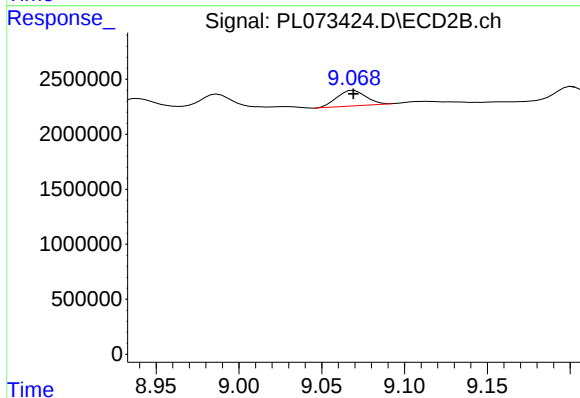
#15 Endosulfan II

R.T.: 8.379 min
Delta R.T.: -0.003 min
Response: 570309
Conc: 1.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

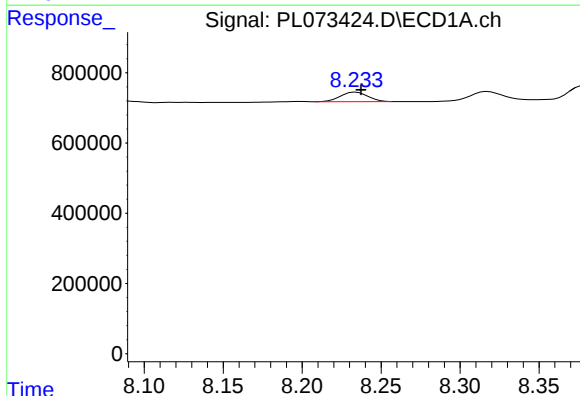
Manual Integrations
APPROVED

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



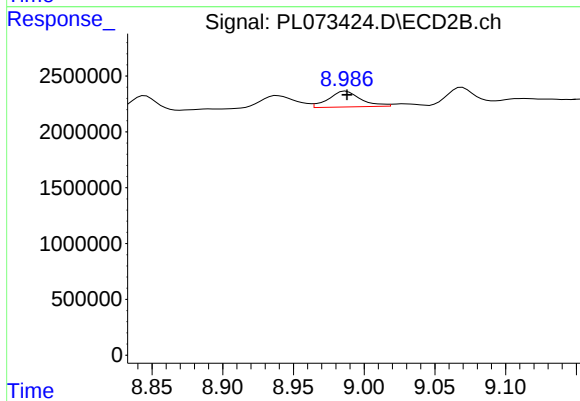
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 1711816
Conc: 1.11 ng/ml



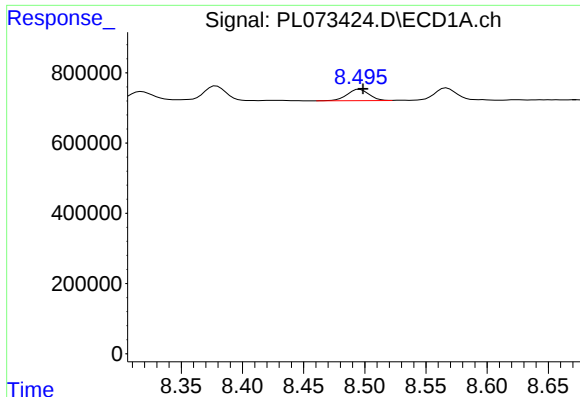
#16 4,4'-DDD

R.T.: 8.233 min
Delta R.T.: -0.004 min
Response: 329263
Conc: 1.01 ng/ml m



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: 0.000 min
Response: 2215959
Conc: 1.52 ng/ml



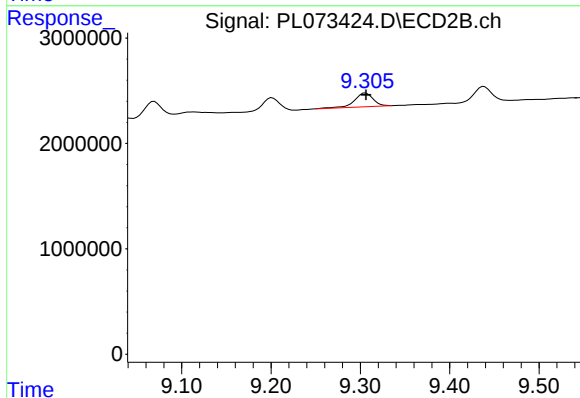
#17 4,4'-DDT

R.T.: 8.496 min
Delta R.T.: -0.003 min
Response: 406485
Conc: 1.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

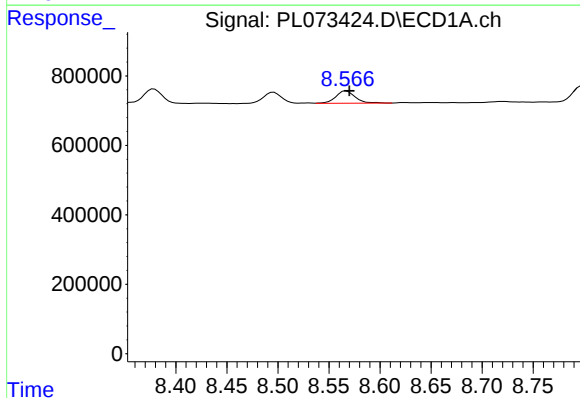
Manual Integrations
APPROVED

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



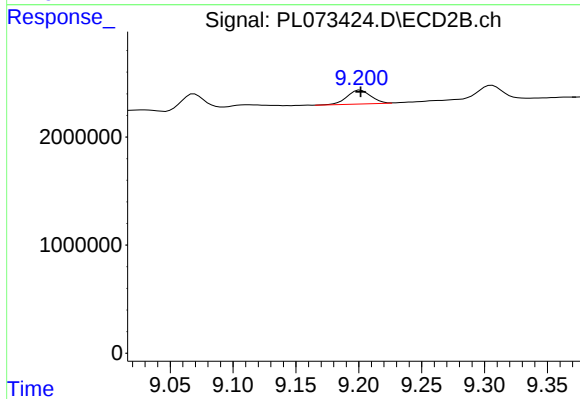
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: 0.000 min
Response: 1892893
Conc: 1.16 ng/ml



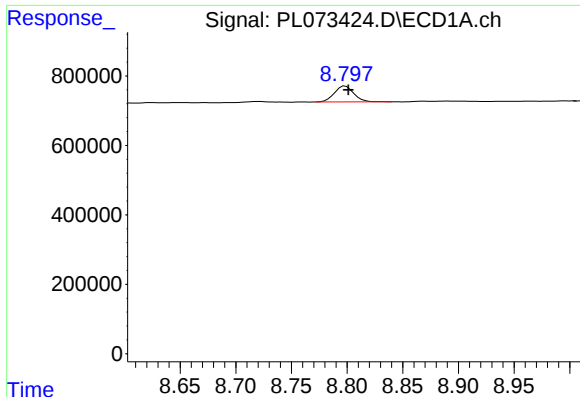
#18 Endrin aldehyde

R.T.: 8.567 min
Delta R.T.: -0.003 min
Response: 465207
Conc: 1.47 ng/ml



#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.002 min
Response: 1691351
Conc: 1.38 ng/ml m



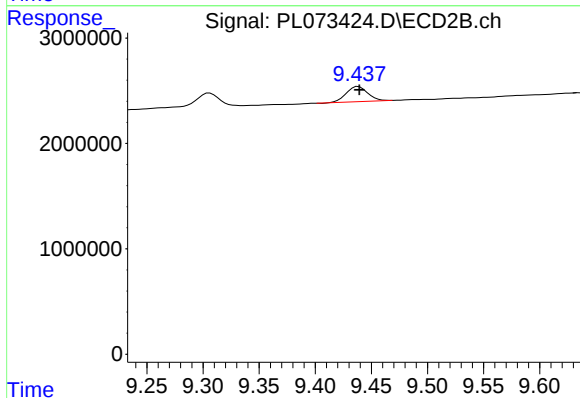
#19 Endosulfan Sulfate

R.T.: 8.798 min
Delta R.T.: -0.003 min
Response: 559466
Conc: 1.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

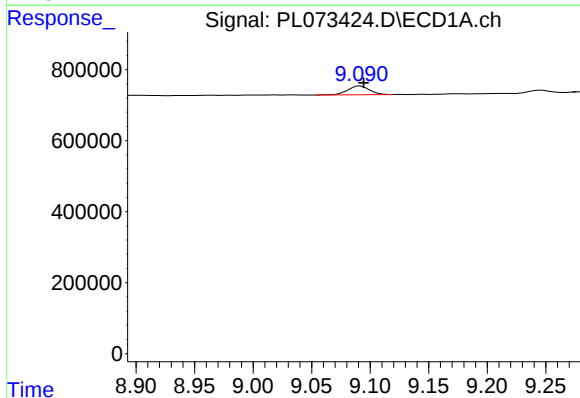
Manual Integrations
APPROVED

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



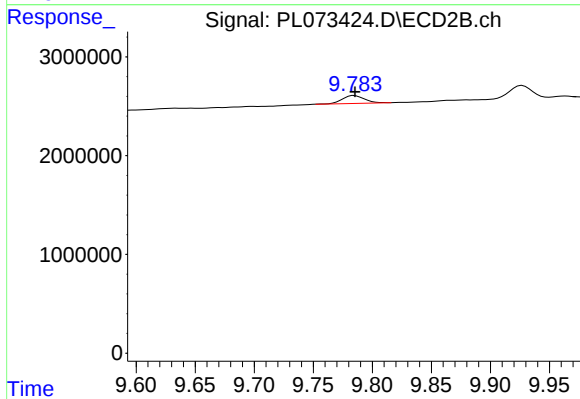
#19 Endosulfan Sulfate

R.T.: 9.438 min
Delta R.T.: 0.000 min
Response: 1879429
Conc: 1.19 ng/ml



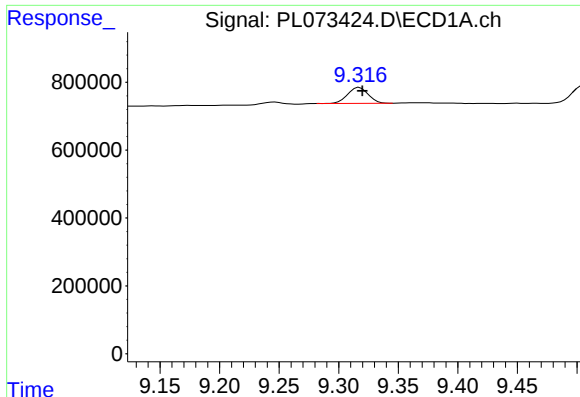
#20 Methoxychlor

R.T.: 9.092 min
Delta R.T.: -0.003 min
Response: 320144
Conc: 1.25 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: 0.000 min
Response: 1032060
Conc: 1.15 ng/ml



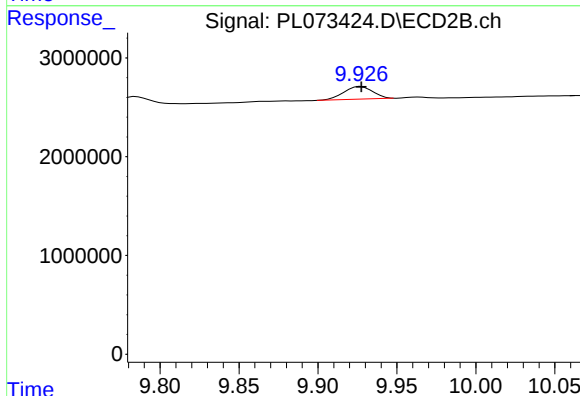
#21 Endrin ketone

R.T.: 9.317 min
Delta R.T.: -0.003 min
Response: 559316
Conc: 1.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

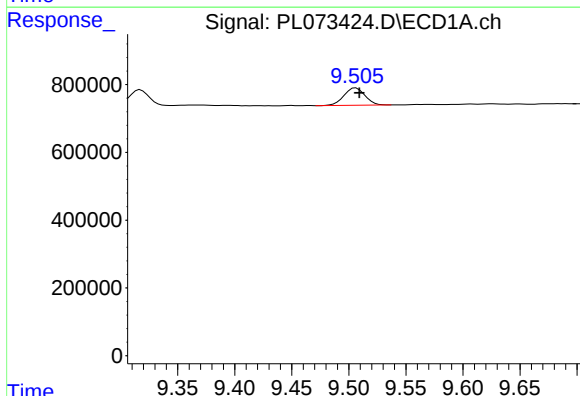
Manual Integrations
APPROVED

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



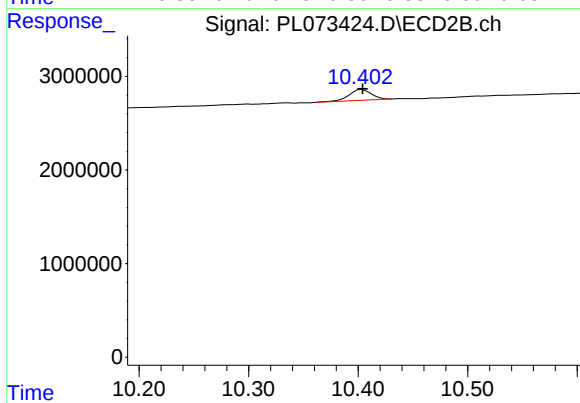
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: -0.002 min
Response: 1625860
Conc: 0.99 ng/ml m



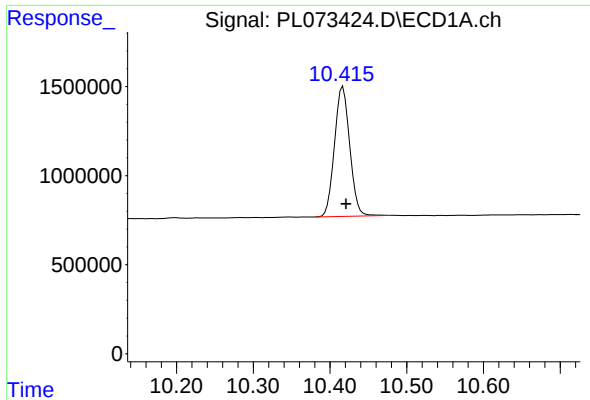
#22 Mirex

R.T.: 9.506 min
Delta R.T.: -0.003 min
Response: 654183
Conc: 1.39 ng/ml



#22 Mirex

R.T.: 10.403 min
Delta R.T.: 0.000 min
Response: 1644061
Conc: 1.21 ng/ml



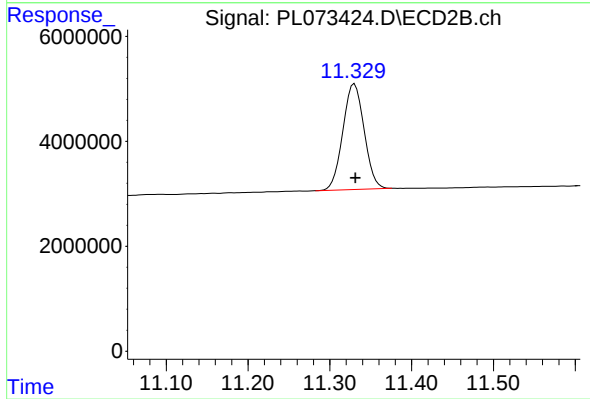
#28 Decachlorobiphenyl

R.T.: 10.417 min
Delta R.T.: -0.004 min
Response: 10080212
Conc: 19.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 11.330 min
Delta R.T.: -0.001 min
Response: 36324604
Conc: 20.31 ng/ml