

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080922\
 Data File : PD071455.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2022 11:43
 Operator : AR\AJ
 Sample : N3980-09
 Misc : PEST MDL 1 PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-WATER-03-QT3-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/10/2022
 Supervised By :Ankita Jodhani 08/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 00:12:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 03:39:07 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	2.814	3.572	43105117	525.0E6	15.199	18.649
2)	SA Decachlor...	8.014	9.102	46007112	192.1E6	16.588	18.554
Target Compounds							
2)	A alpha-BHC	3.323	4.038	3554620	52191640	0.848	1.406 #
3)	MA gamma-BHC...	3.657	4.374	3288128	38751000	0.822	1.294 #
4)	MA Heptachlor	4.004	4.952	3608209	30406136	0.851	1.438 #
5)	MB Aldrin	4.289	5.295	3557016	23640745	0.872	1.339 #
6)	B beta-BHC	3.956	4.581	1629846	17013682	0.954	1.436 #
7)	B delta-BHC	4.190	4.829	3148785	23407536	0.802	1.176 #
8)	B Heptachlo...	4.796	5.726	3428227	20263515	0.936	1.551 #
9)	A Endosulfan I	5.170	6.114	3265424	19104332	0.953	1.390 #
10)	B gamma-Chl...	5.050	5.981	3582931	18651460	0.943	1.270 #
11)	B alpha-Chl...	5.114	6.059	3540921	18937820	0.953	1.306 #
12)	B 4,4'-DDE	5.304	6.231	2910591	19977800	0.850	1.398 #
13)	MA Dieldrin	5.437	6.392	3213986	21032489	0.887	1.431 #
14)	MA Endrin	5.714	6.625	2925607	14879241	0.924	1.190 #
15)	B Endosulfa...	6.008	6.850	2802963	16197034	0.933m	1.306 #
16)	A 4,4'-DDD	5.863	6.756	2855762	14573920	1.002	1.225
17)	MA 4,4'-DDT	6.117	7.067	1939503	12863735	0.657	0.986 #
18)	B Endrin al...	6.191	6.980	2364893	12873094	1.073	1.329
19)	B Endosulfa...	6.415	7.214	3028162	16739373	1.053	1.404 #
20)	A Methoxychlor	6.698	7.543	1536958	8976503	0.932	1.302 #
21)	B Endrin ke...	6.926	7.706	3577400	17700137	1.098	1.318
22)	Mirex	7.113	8.167	2853000	11194205	1.165	1.301

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080922\
Data File : PD071455.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Aug 2022 11:43
Operator : AR\AJ
Sample : N3980-09
Misc : PEST MDL 1 PPB
ALS Vial : 10 Sample Multiplier: 1

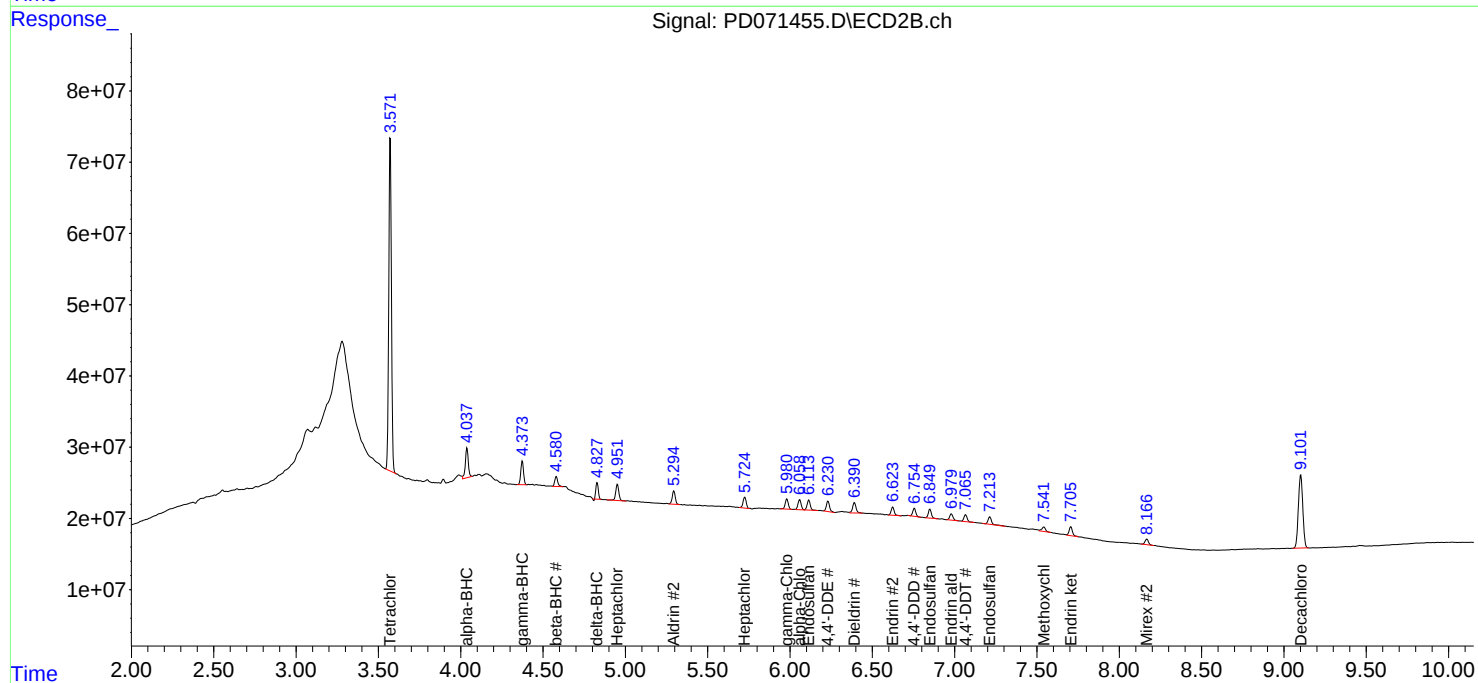
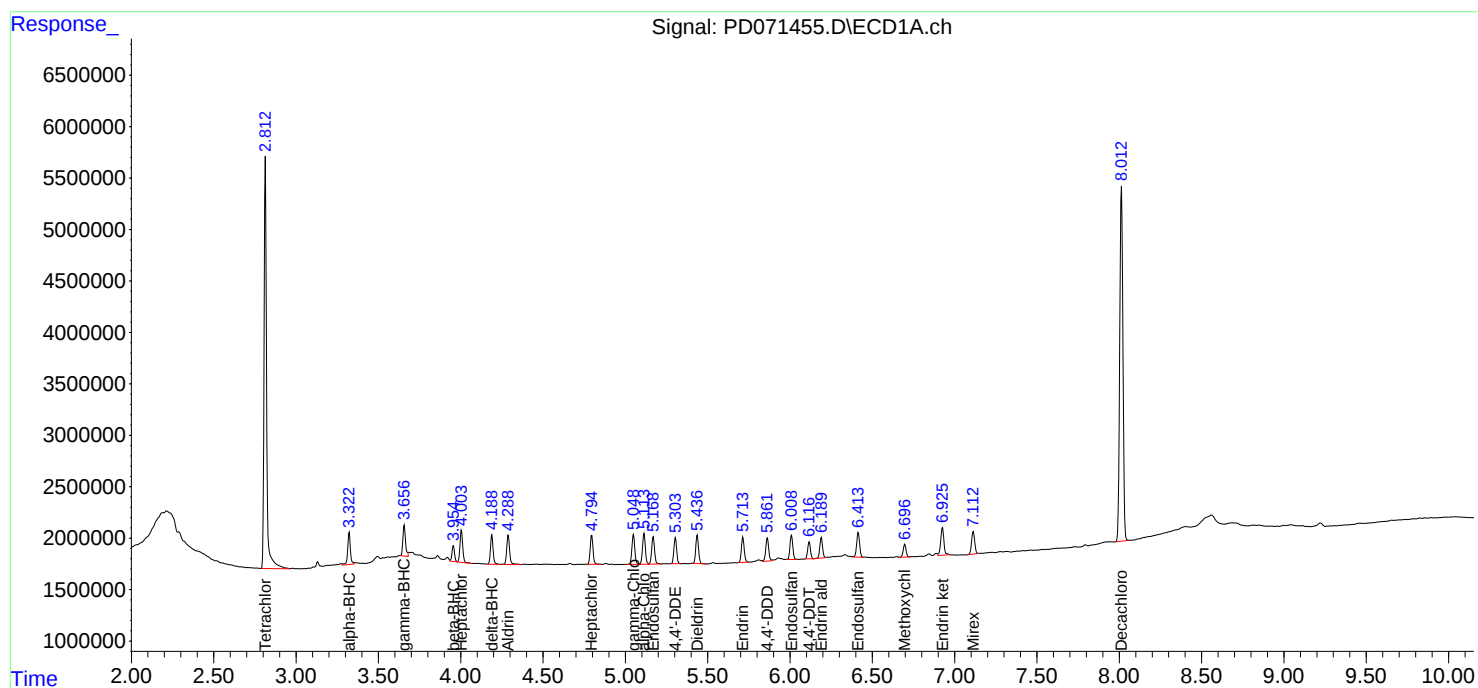
Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2022

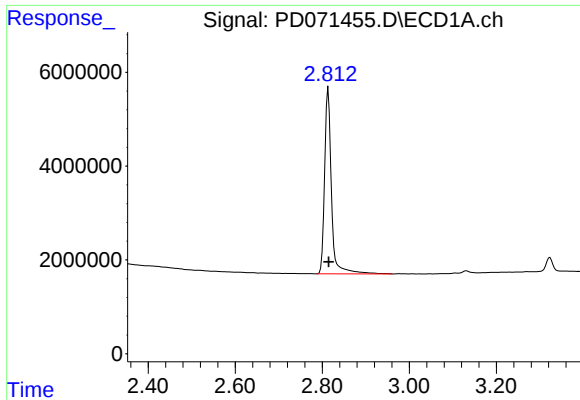
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/10/2022
Supervised By :Ankita Jodhani 08/10/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 00:12:23 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072622.M
Quant Title : GC Extractables
QLast Update : Tue Jul 26 03:39:07 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm





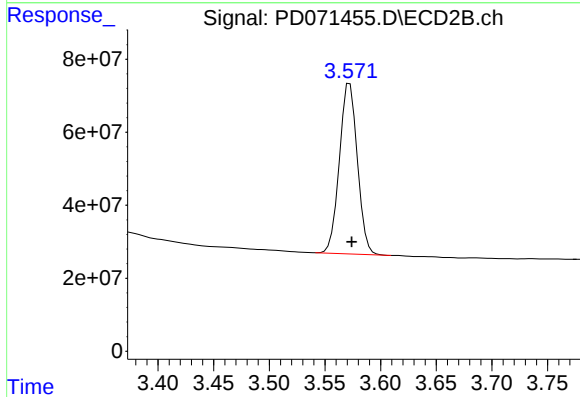
#1 Tetrachloro-m-xylene

R.T.: 2.814 min
Delta R.T.: -0.001 min
Response: 43105117
Conc: 15.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2022

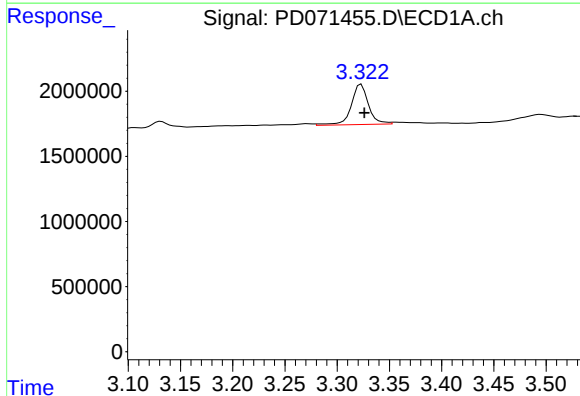
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/10/2022
Supervised By :Ankita Jodhani 08/10/2022



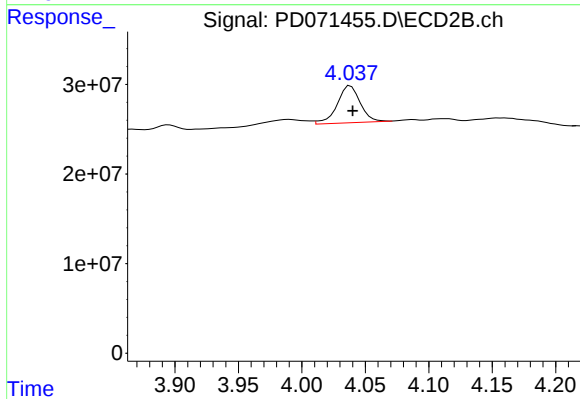
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: -0.002 min
Response: 524971624
Conc: 18.65 ng/ml



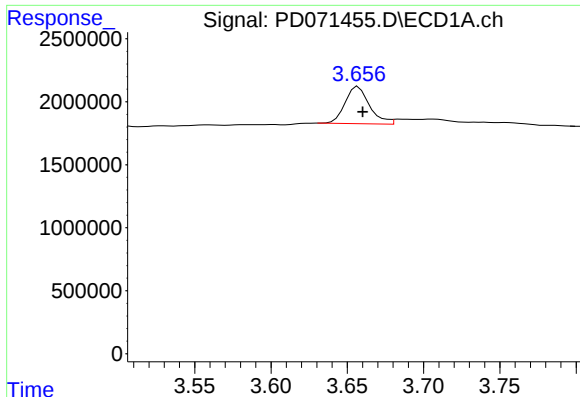
#2 alpha-BHC

R.T.: 3.323 min
Delta R.T.: -0.003 min
Response: 3554620
Conc: 0.85 ng/ml



#2 alpha-BHC

R.T.: 4.038 min
Delta R.T.: -0.002 min
Response: 52191640
Conc: 1.41 ng/ml



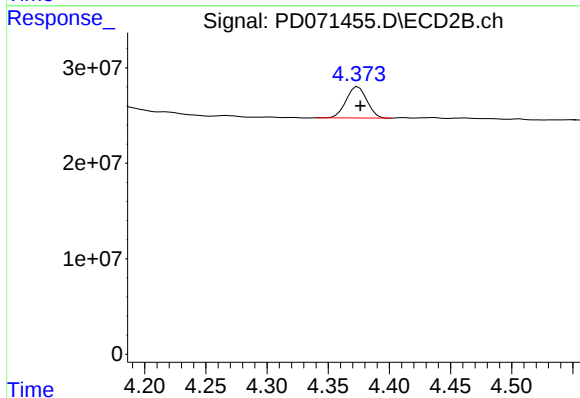
#3 gamma-BHC (Lindane)

R.T.: 3.657 min
Delta R.T.: -0.003 min
Response: 3288128
Conc: 0.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2022

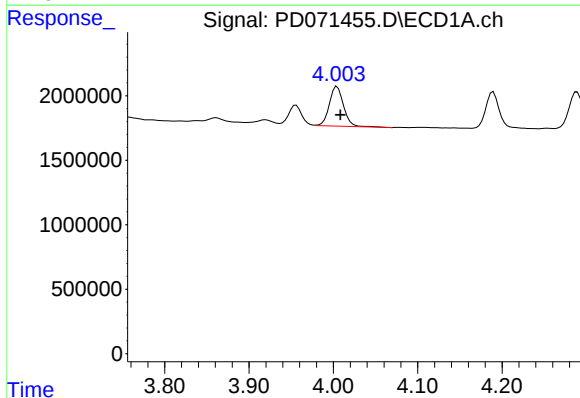
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/10/2022
Supervised By :Ankita Jodhani 08/10/2022



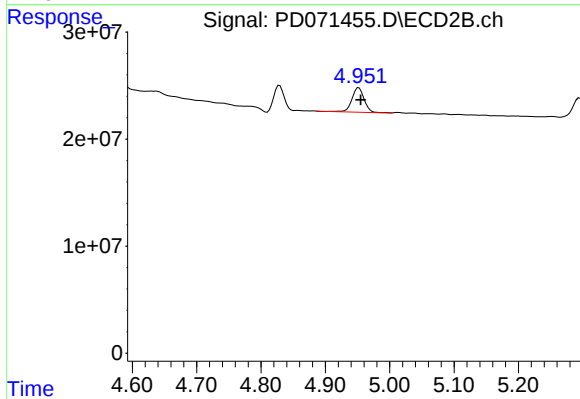
#3 gamma-BHC (Lindane)

R.T.: 4.374 min
Delta R.T.: -0.002 min
Response: 38751000
Conc: 1.29 ng/ml



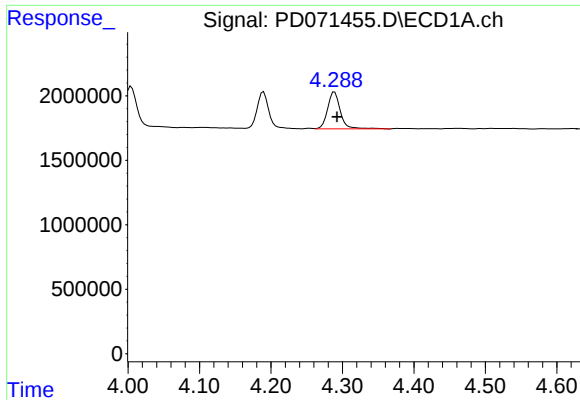
#4 Heptachlor

R.T.: 4.004 min
Delta R.T.: -0.004 min
Response: 3608209
Conc: 0.85 ng/ml



#4 Heptachlor

R.T.: 4.952 min
Delta R.T.: -0.003 min
Response: 30406136
Conc: 1.44 ng/ml



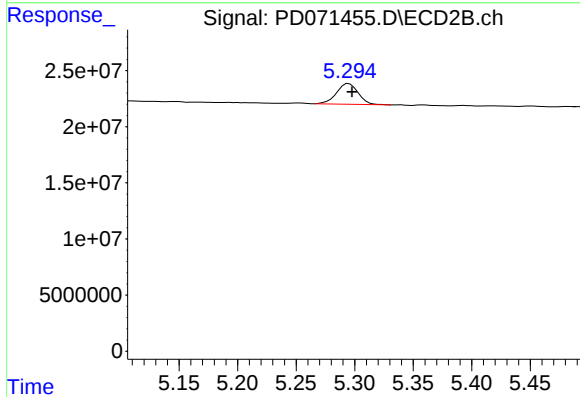
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: -0.003 min
Response: 3557016
Conc: 0.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2022

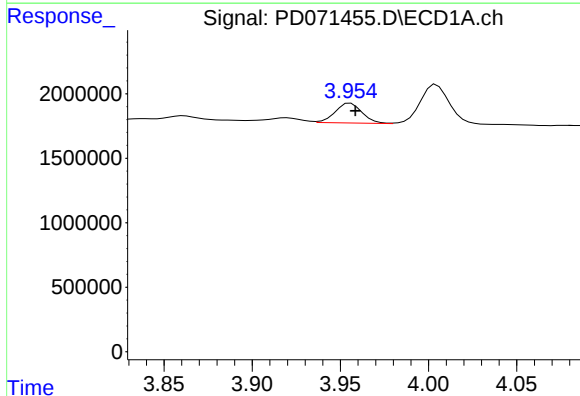
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/10/2022
Supervised By :Ankita Jodhani 08/10/2022



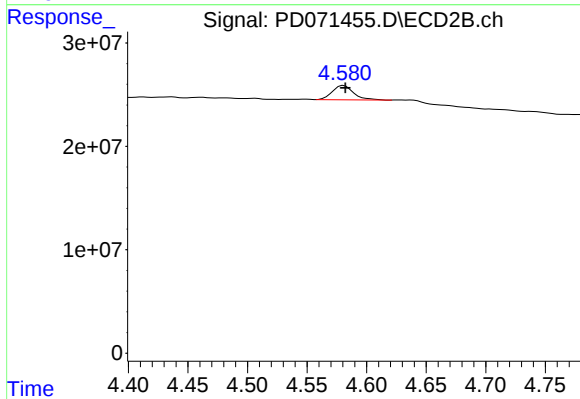
#5 Aldrin

R.T.: 5.295 min
Delta R.T.: -0.003 min
Response: 23640745
Conc: 1.34 ng/ml



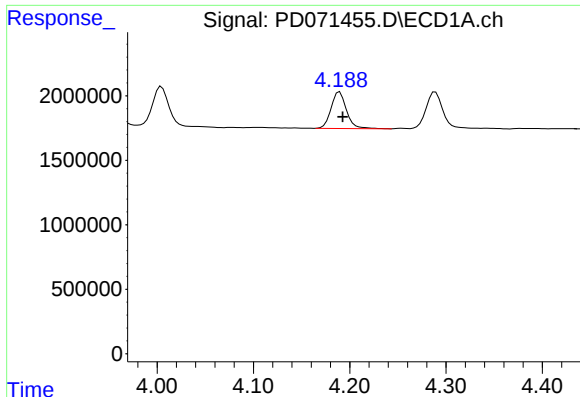
#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: -0.003 min
Response: 1629846
Conc: 0.95 ng/ml



#6 beta-BHC

R.T.: 4.581 min
Delta R.T.: -0.001 min
Response: 17013682
Conc: 1.44 ng/ml



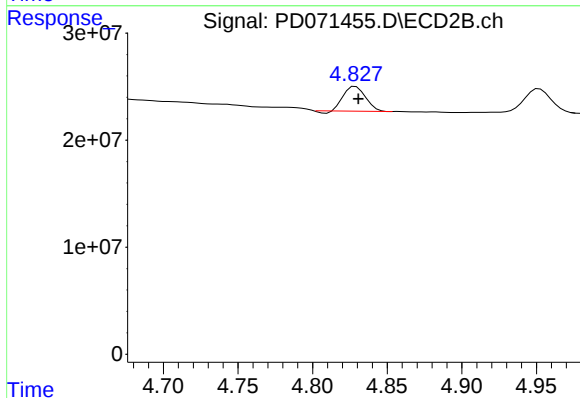
#7 delta-BHC

R.T.: 4.190 min
Delta R.T.: -0.003 min
Response: 3148785
Conc: 0.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2022

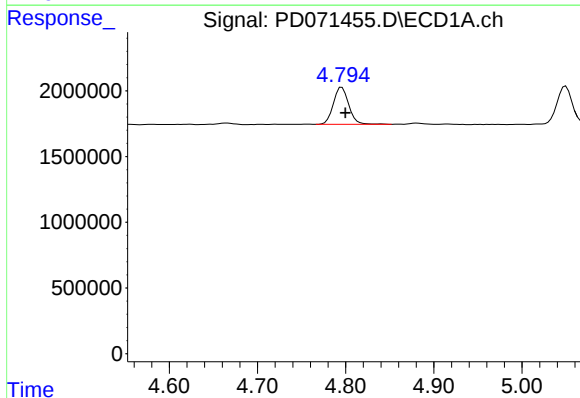
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/10/2022
Supervised By :Ankita Jodhani 08/10/2022



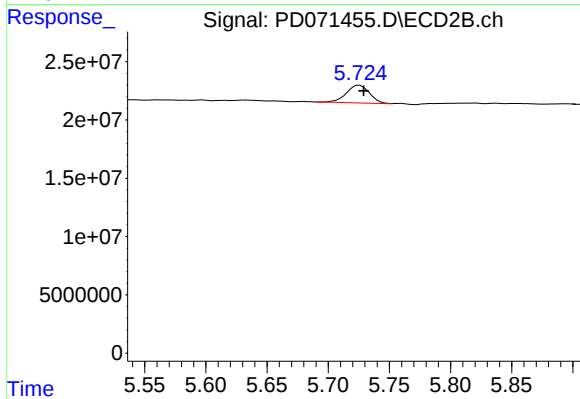
#7 delta-BHC

R.T.: 4.829 min
Delta R.T.: -0.002 min
Response: 23407536
Conc: 1.18 ng/ml



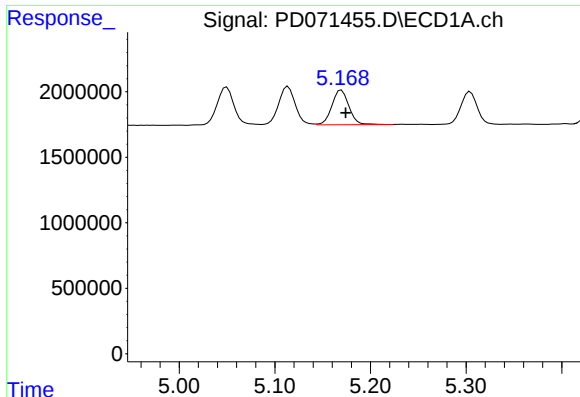
#8 Heptachlor epoxide

R.T.: 4.796 min
Delta R.T.: -0.004 min
Response: 3428227
Conc: 0.94 ng/ml



#8 Heptachlor epoxide

R.T.: 5.726 min
Delta R.T.: -0.004 min
Response: 20263515
Conc: 1.55 ng/ml



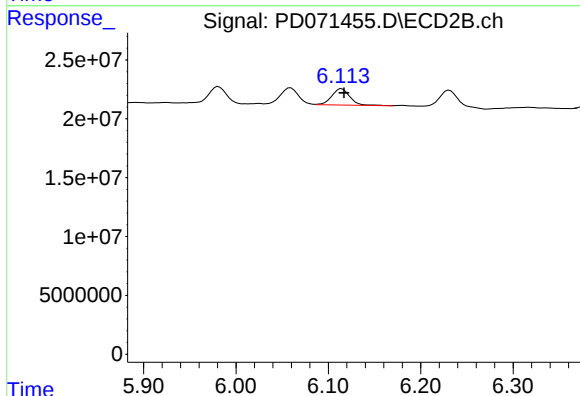
#9 Endosulfan I

R.T.: 5.170 min
Delta R.T.: -0.005 min
Response: 3265424
Conc: 0.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2022

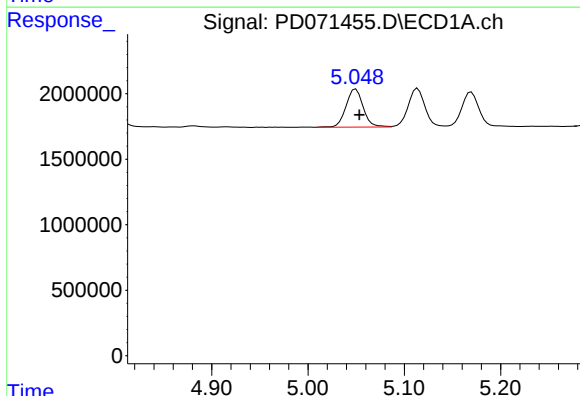
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/10/2022
Supervised By :Ankita Jodhani 08/10/2022



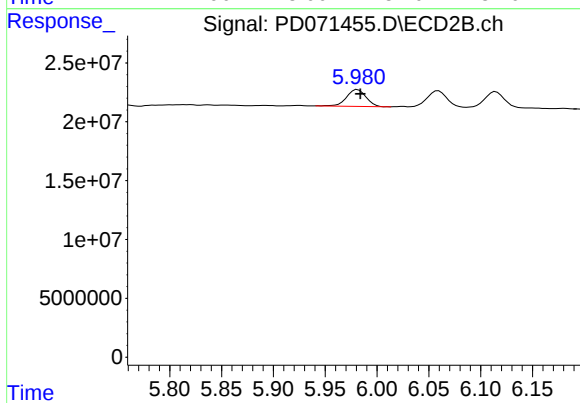
#9 Endosulfan I

R.T.: 6.114 min
Delta R.T.: -0.003 min
Response: 19104332
Conc: 1.39 ng/ml



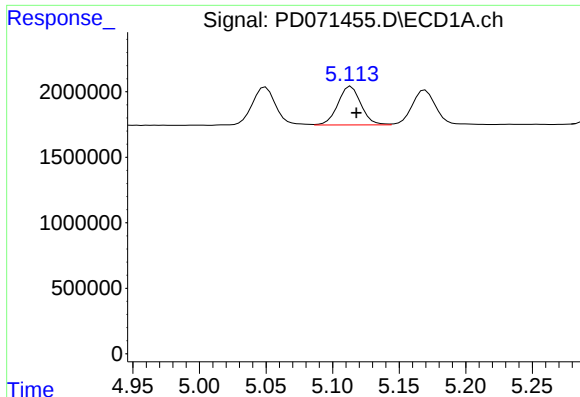
#10 gamma-Chlordane

R.T.: 5.050 min
Delta R.T.: -0.004 min
Response: 3582931
Conc: 0.94 ng/ml



#10 gamma-Chlordane

R.T.: 5.981 min
Delta R.T.: -0.003 min
Response: 18651460
Conc: 1.27 ng/ml



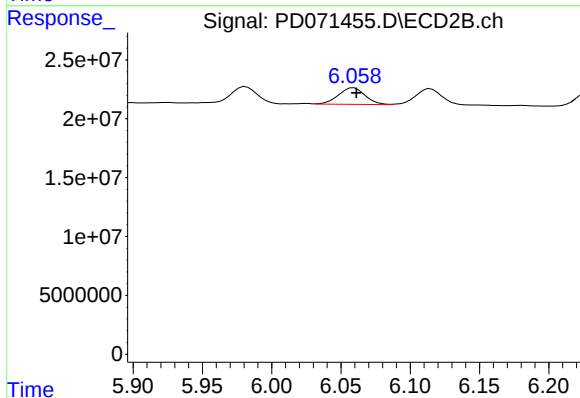
#11 alpha-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.004 min
Response: 3540921
Conc: 0.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2022

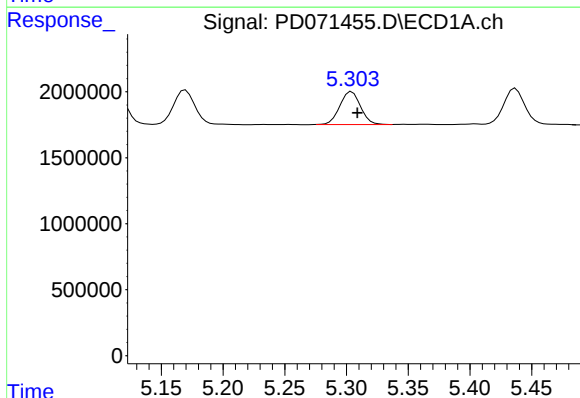
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/10/2022
Supervised By :Ankita Jodhani 08/10/2022



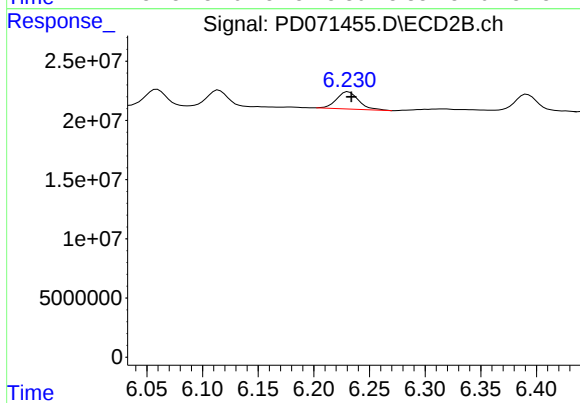
#11 alpha-Chlordane

R.T.: 6.059 min
Delta R.T.: -0.002 min
Response: 18937820
Conc: 1.31 ng/ml



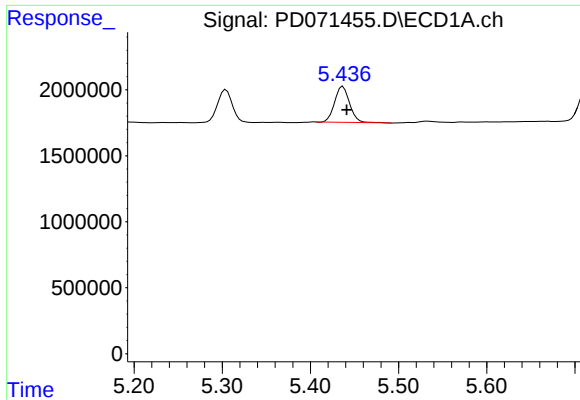
#12 4,4'-DDE

R.T.: 5.304 min
Delta R.T.: -0.004 min
Response: 2910591
Conc: 0.85 ng/ml



#12 4,4'-DDE

R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 19977800
Conc: 1.40 ng/ml



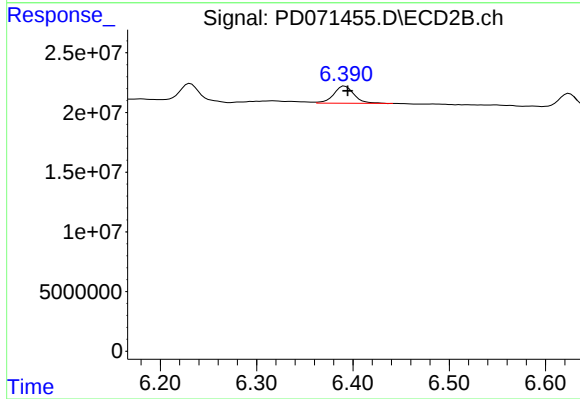
#13 Dieldrin

R.T.: 5.437 min
Delta R.T.: -0.004 min
Response: 3213986
Conc: 0.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2022

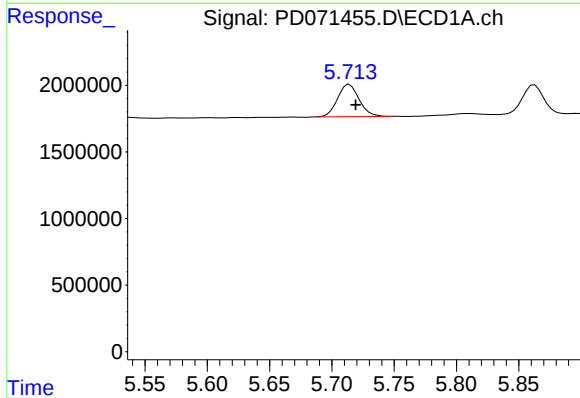
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/10/2022
Supervised By :Ankita Jodhani 08/10/2022



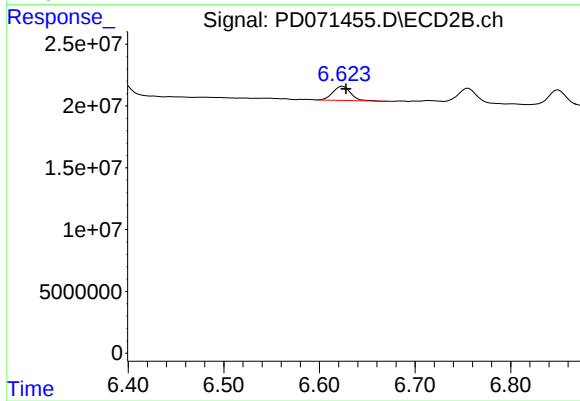
#13 Dieldrin

R.T.: 6.392 min
Delta R.T.: -0.003 min
Response: 21032489
Conc: 1.43 ng/ml



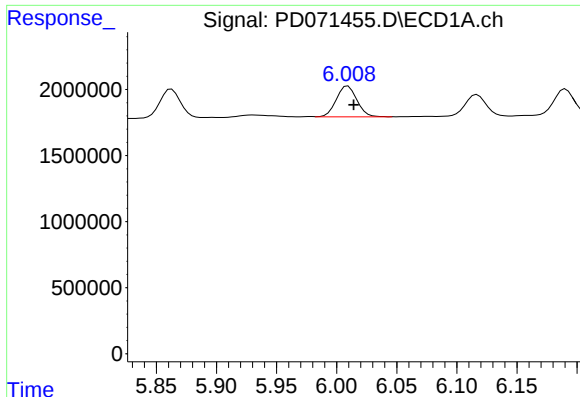
#14 Endrin

R.T.: 5.714 min
Delta R.T.: -0.005 min
Response: 2925607
Conc: 0.92 ng/ml



#14 Endrin

R.T.: 6.625 min
Delta R.T.: -0.003 min
Response: 14879241
Conc: 1.19 ng/ml



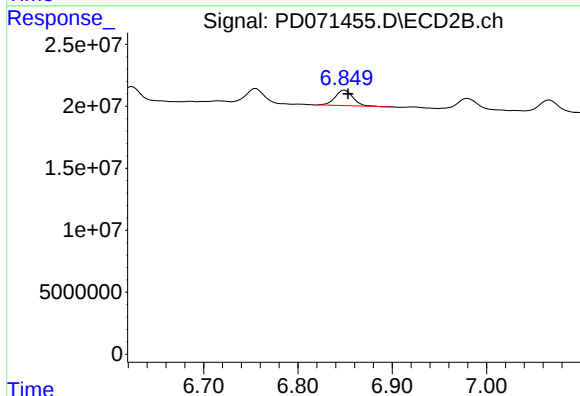
#15 Endosulfan II

R.T.: 6.008 min
Delta R.T.: -0.006 min
Response: 2802963
Conc: 0.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2022

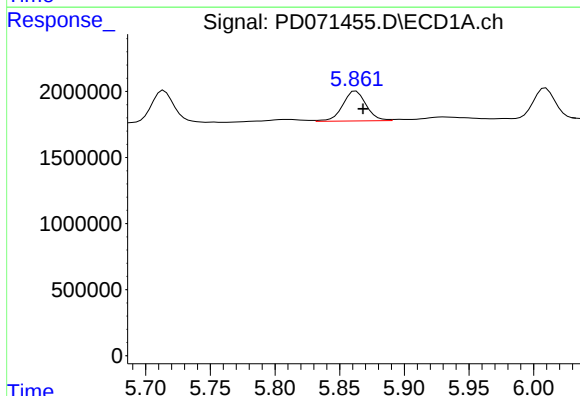
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/10/2022
Supervised By :Ankita Jodhani 08/10/2022



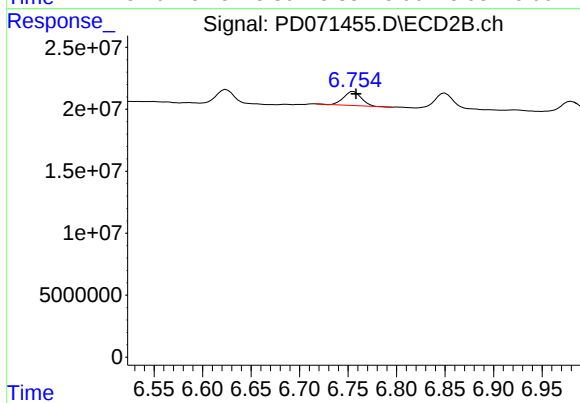
#15 Endosulfan II

R.T.: 6.850 min
Delta R.T.: -0.003 min
Response: 16197034
Conc: 1.31 ng/ml



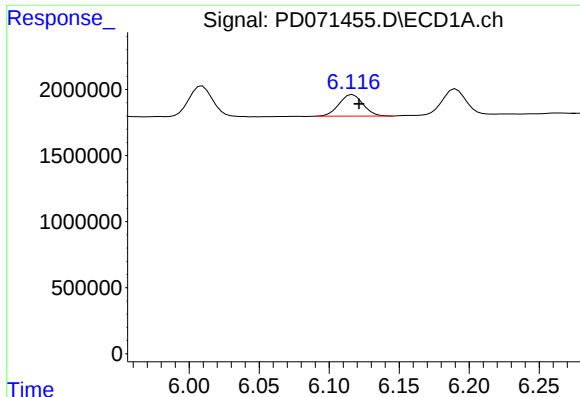
#16 4,4'-DDD

R.T.: 5.863 min
Delta R.T.: -0.005 min
Response: 2855762
Conc: 1.00 ng/ml



#16 4,4'-DDD

R.T.: 6.756 min
Delta R.T.: -0.003 min
Response: 14573920
Conc: 1.23 ng/ml



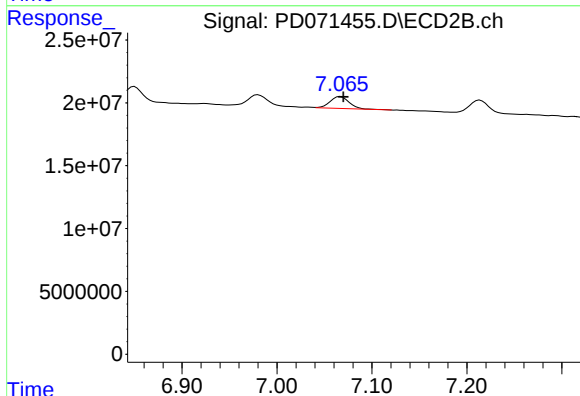
#17 4,4'-DDT

R.T.: 6.117 min
Delta R.T.: -0.005 min
Response: 1939503
Conc: 0.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2022

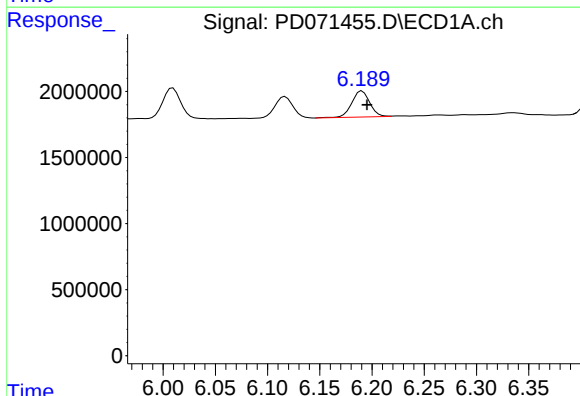
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/10/2022
Supervised By :Ankita Jodhani 08/10/2022



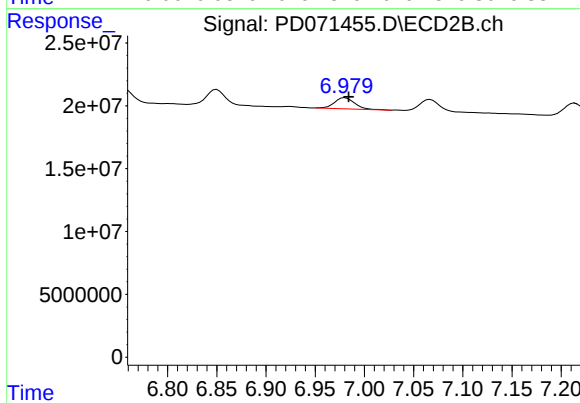
#17 4,4'-DDT

R.T.: 7.067 min
Delta R.T.: -0.003 min
Response: 12863735
Conc: 0.99 ng/ml



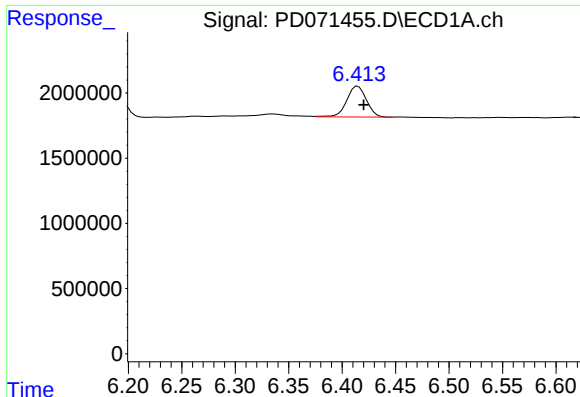
#18 Endrin aldehyde

R.T.: 6.191 min
Delta R.T.: -0.005 min
Response: 2364893
Conc: 1.07 ng/ml



#18 Endrin aldehyde

R.T.: 6.980 min
Delta R.T.: -0.004 min
Response: 12873094
Conc: 1.33 ng/ml



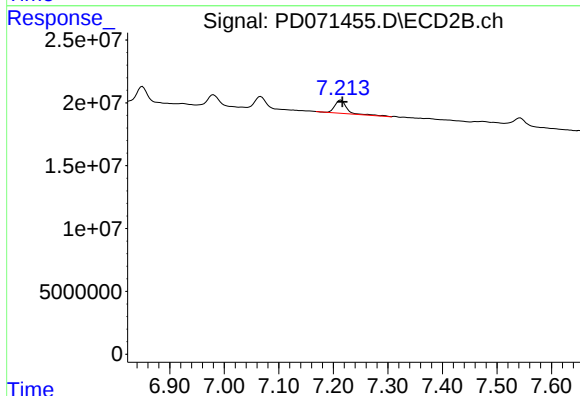
#19 Endosulfan Sulfate

R.T.: 6.415 min
Delta R.T.: -0.005 min
Response: 3028162
Conc: 1.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2022

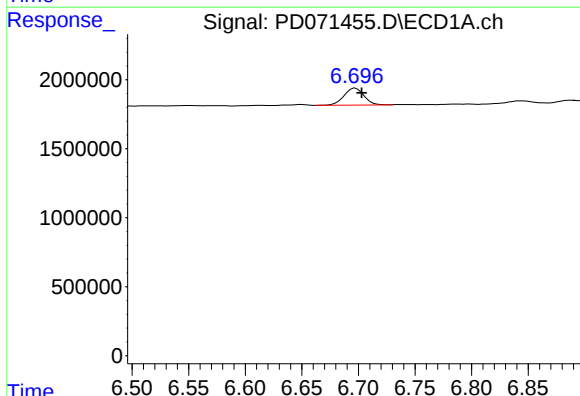
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/10/2022
Supervised By :Ankita Jodhani 08/10/2022



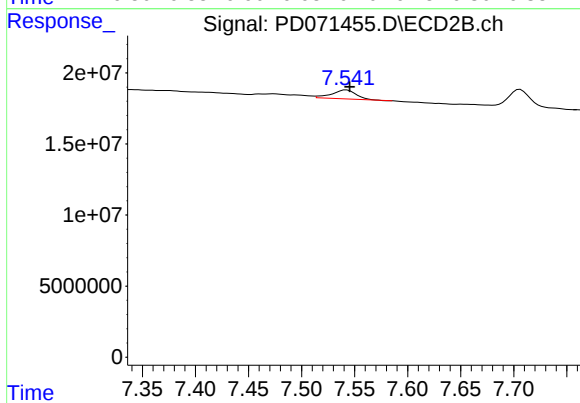
#19 Endosulfan Sulfate

R.T.: 7.214 min
Delta R.T.: -0.003 min
Response: 16739373
Conc: 1.40 ng/ml



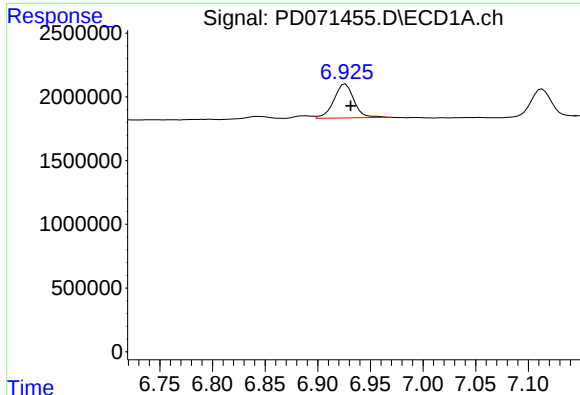
#20 Methoxychlor

R.T.: 6.698 min
Delta R.T.: -0.005 min
Response: 1536958
Conc: 0.93 ng/ml



#20 Methoxychlor

R.T.: 7.543 min
Delta R.T.: -0.003 min
Response: 8976503
Conc: 1.30 ng/ml



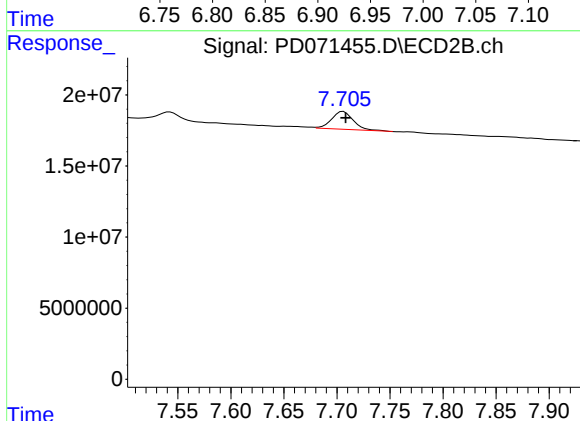
#21 Endrin ketone

R.T.: 6.926 min
Delta R.T.: -0.005 min
Response: 3577400
Conc: 1.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2022

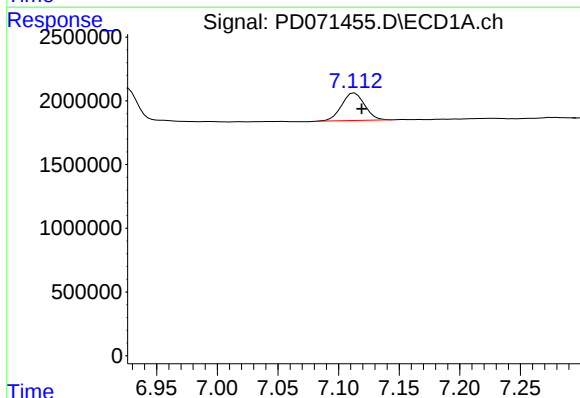
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/10/2022
Supervised By :Ankita Jodhani 08/10/2022



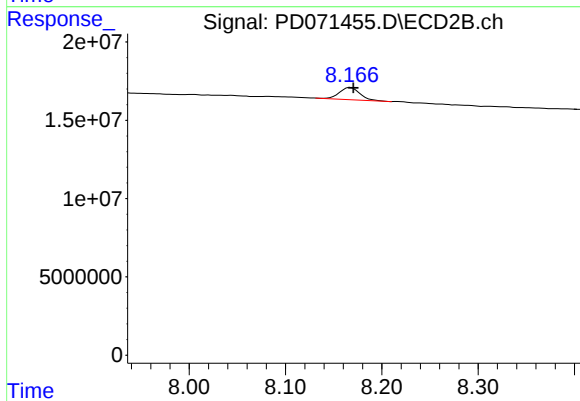
#21 Endrin ketone

R.T.: 7.706 min
Delta R.T.: -0.002 min
Response: 17700137
Conc: 1.32 ng/ml



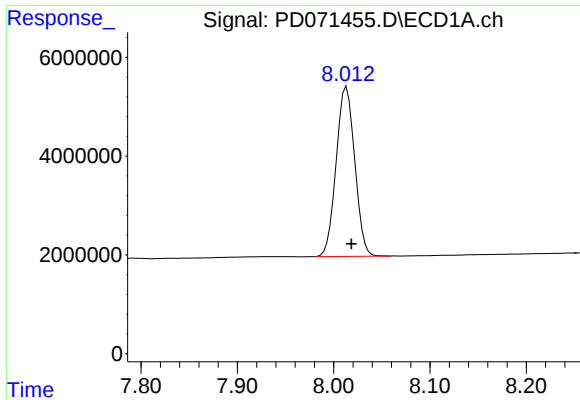
#22 Mirex

R.T.: 7.113 min
Delta R.T.: -0.006 min
Response: 2853000
Conc: 1.17 ng/ml



#22 Mirex

R.T.: 8.167 min
Delta R.T.: -0.003 min
Response: 11194205
Conc: 1.30 ng/ml



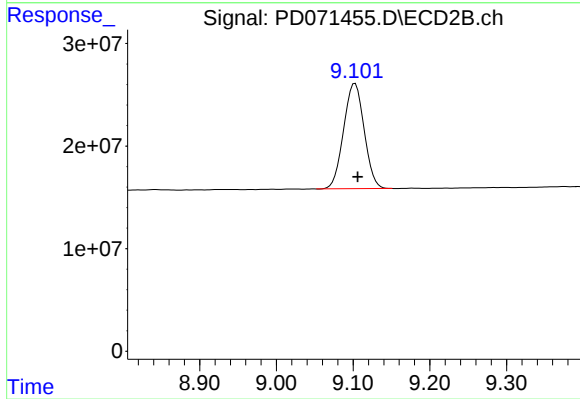
#28 Decachlorobiphenyl

R.T.: 8.014 min
Delta R.T.: -0.005 min
Response: 46007112
Conc: 16.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2022

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/10/2022
Supervised By :Ankita Jodhani 08/10/2022



#28 Decachlorobiphenyl

R.T.: 9.102 min
Delta R.T.: -0.003 min
Response: 192086488
Conc: 18.55 ng/ml