

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031622\
 Data File : PL073425.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2022 17:34
 Operator : AR\AJ
 Sample : N1645-07
 Misc : PEST LOD 2.5PPB
 ALS Vial : 17 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 06:33:38 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	6265993	34171457	19.564	20.820
28)	SA Decachlor...	10.417	11.329	10185487	37125814	20.031	20.762
Target Compounds							
2)	A alpha-BHC	5.350	6.054	1084412	5101211	2.631	2.268
3)	MA gamma-BHC...	5.774	6.443	1171157	5292846	2.808	2.479
4)	MA Heptachlor	6.185	7.102	1222239	6361728	2.709	2.715
5)	MB Aldrin	6.511	7.469	1153317	5699282	2.791	2.720
6)	B beta-BHC	6.152	6.679	505474	3706325	2.455m	3.556 #
7)	B delta-BHC	6.415	6.946	1035069	7091911	2.577	3.293 #
8)	B Heptachlo...	7.088	7.926	1251774	5689800	2.904	2.849
9)	A Endosulfan I	7.491	8.326	1150970	4930283	2.806	2.701
10)	B gamma-Chl...	7.365	8.193	1318244	6295430	3.014	3.082
11)	B alpha-Chl...	7.435	8.276	1288312	5605311	2.915	2.803
12)	B 4,4'-DDE	7.649	8.460	931459	4602415	2.596	2.568
13)	MA Dieldrin	7.777	8.610	1189100	5098411	2.854	2.764
14)	MA Endrin	8.068	8.845	1156694	4374349	2.981	2.842
15)	B Endosulfa...	8.379	9.069	1239005	4287307	3.170	2.792
16)	A 4,4'-DDD	8.234	8.986	822520	4228530	2.533	2.897m
17)	MA 4,4'-DDT	8.496	9.305	993100	4381660	2.626	2.681
18)	B Endrin al...	8.568	9.200	1069597	4016657	3.382	3.275m
19)	B Endosulfa...	8.798	9.439	1288903	4639198	3.051	2.944
20)	A Methoxychlor	9.092	9.785	735994	2657015	2.869	2.949
21)	B Endrin ke...	9.317	9.925	1340380	4152660	2.740	2.516m
22)	Mirex	9.505	10.404	1535237	3869556	3.256	2.848

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031622\
Data File : PL073425.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Mar 2022 17:34
Operator : AR\AJ
Sample : N1645-07
Misc : PEST LOD 2.5PPB
ALS Vial : 17 Sample Multiplier: 1

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

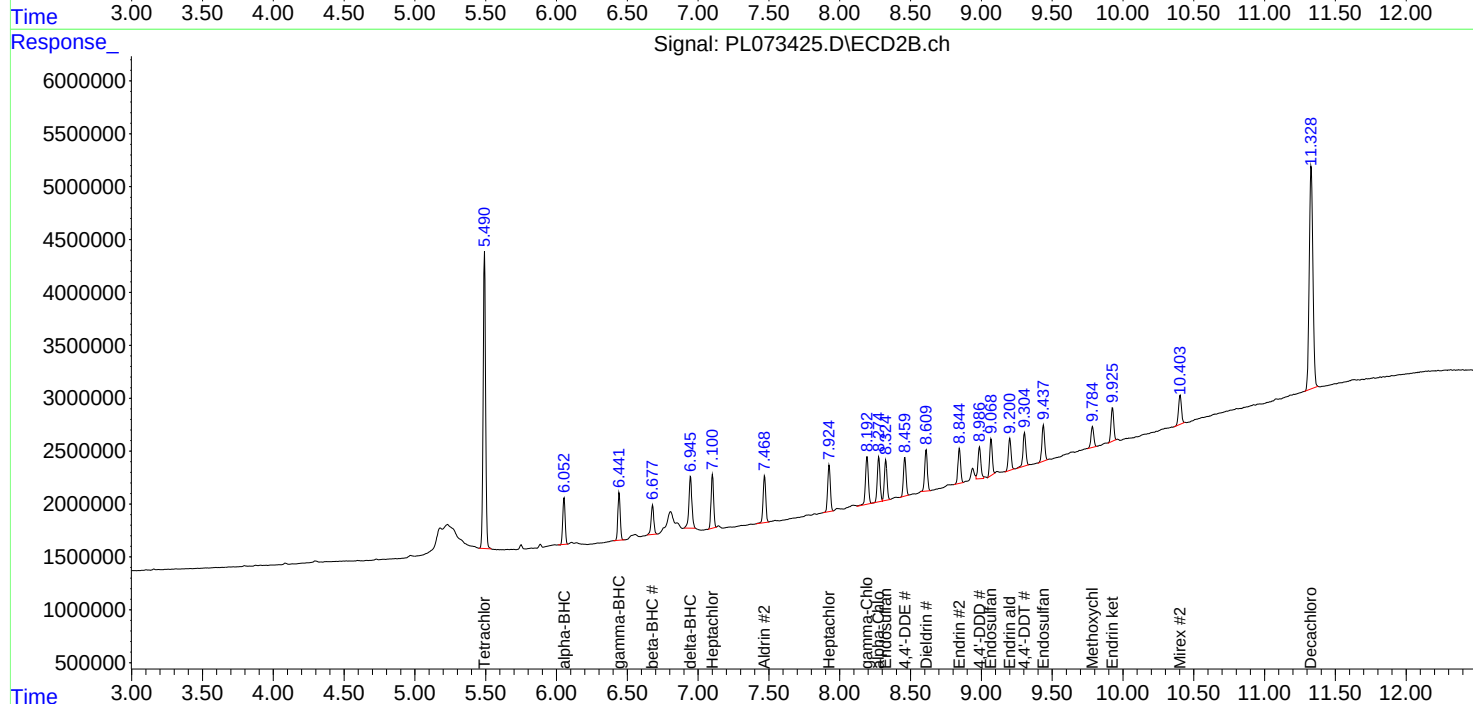
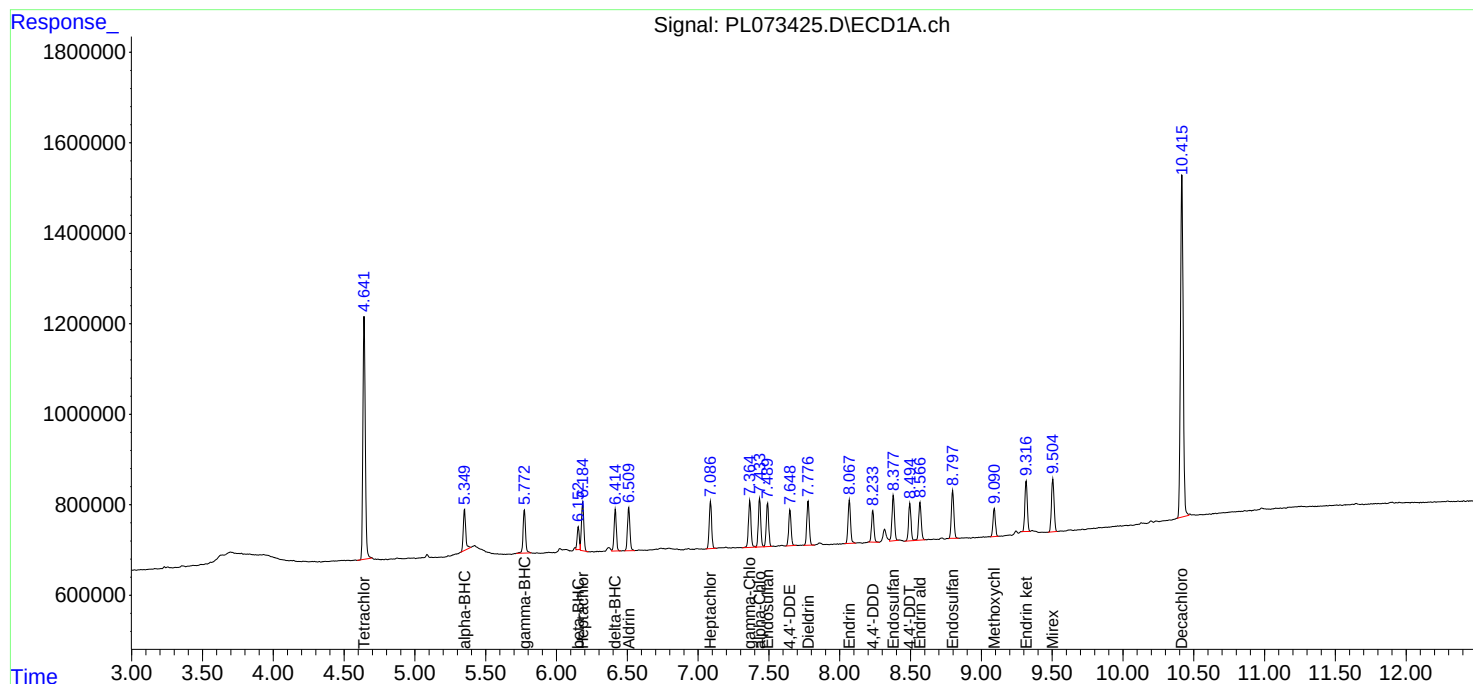
Manual Integrations
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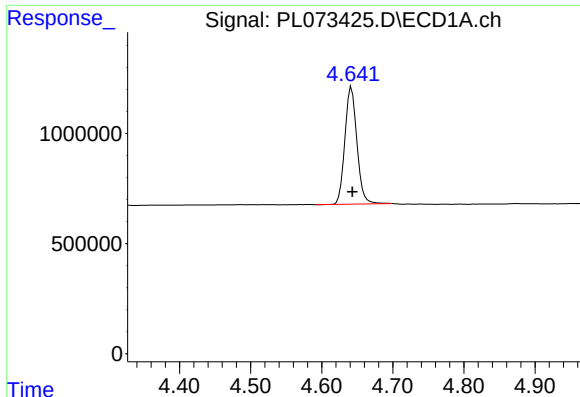
Reviewed By : Abdul
Mirza
03/17/2022

Supervised By : Ankita
Jodhani
03/17/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 17 06:33:38 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

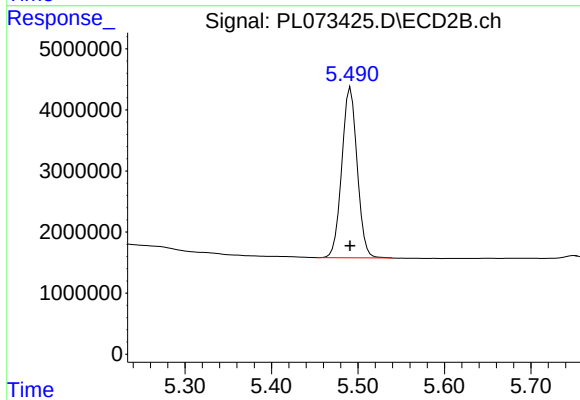
R.T.: 4.642 min
Delta R.T.: -0.001 min
Response: 6265993
Conc: 19.56 ng/ml

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

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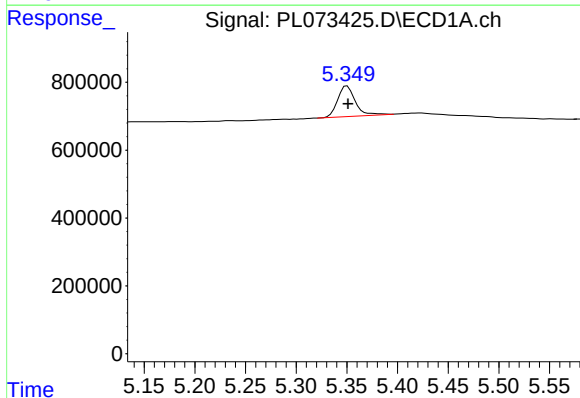
Reviewed By :Abdul
Mirza
03/17/2022

Supervised By :Ankita
Jodhani
03/17/2022



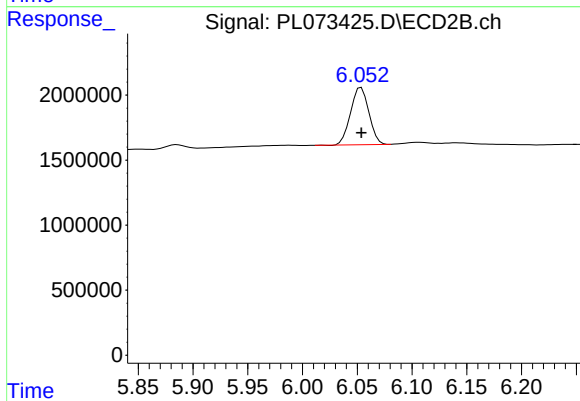
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 34171457
Conc: 20.82 ng/ml



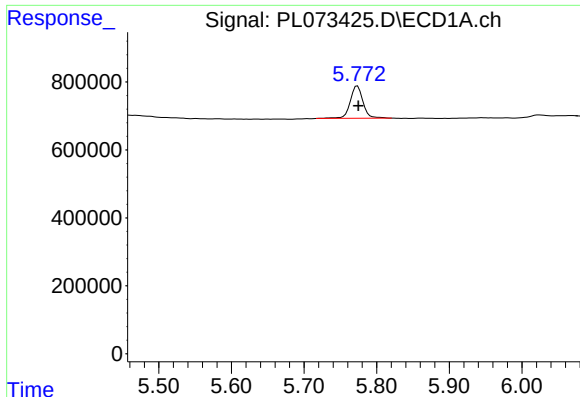
#2 alpha-BHC

R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 1084412
Conc: 2.63 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 5101211
Conc: 2.27 ng/ml



#3 gamma-BHC (Lindane)

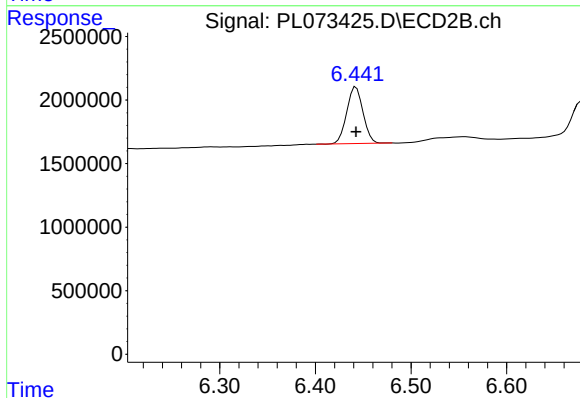
R.T.: 5.774 min
Delta R.T.: -0.001 min
Response: 1171157
Conc: 2.81 ng/ml

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

Manual Integrations
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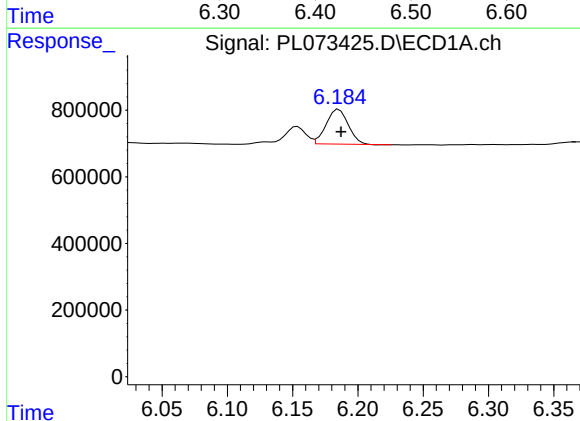
Reviewed By :Abdul
Mirza
03/17/2022

Supervised By :Ankita
Jodhani
03/17/2022



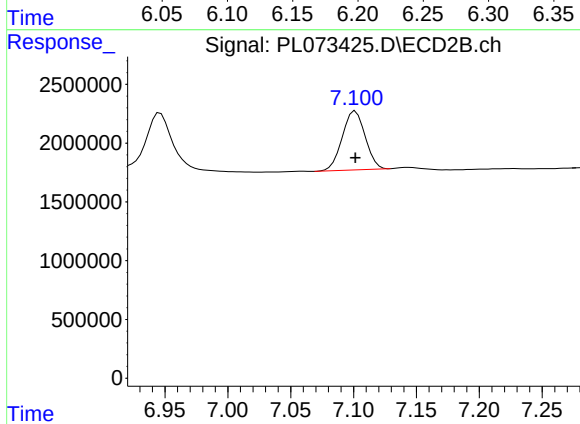
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 5292846
Conc: 2.48 ng/ml



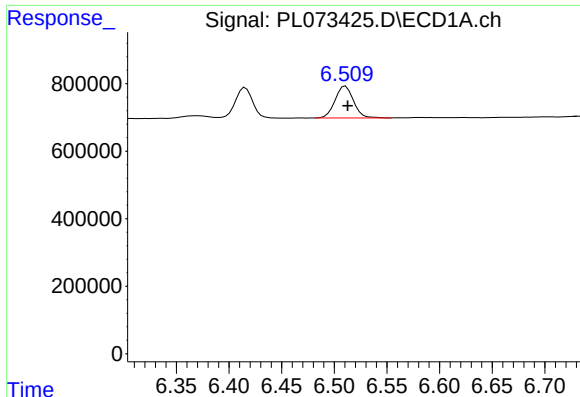
#4 Heptachlor

R.T.: 6.185 min
Delta R.T.: -0.002 min
Response: 1222239
Conc: 2.71 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 6361728
Conc: 2.72 ng/ml



#5 Aldrin

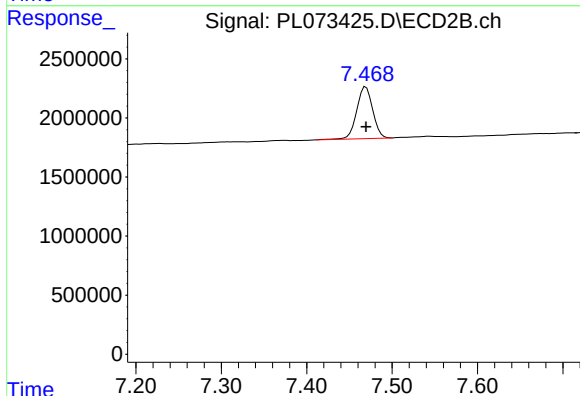
R.T.: 6.511 min
Delta R.T.: -0.002 min
Response: 1153317
Conc: 2.79 ng/ml

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

Manual Integrations
APPROVED

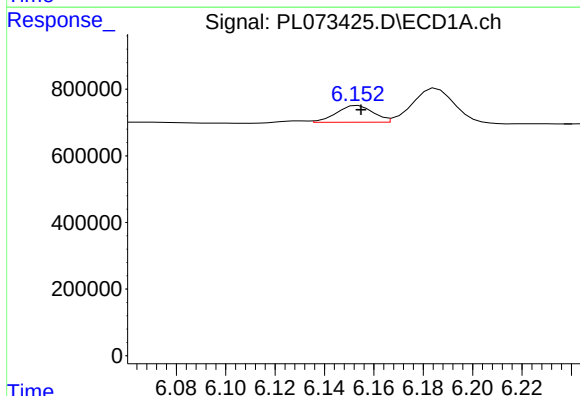
Reviewed By :Abdul
Mirza
03/17/2022

Supervised By :Ankita
Jodhani
03/17/2022



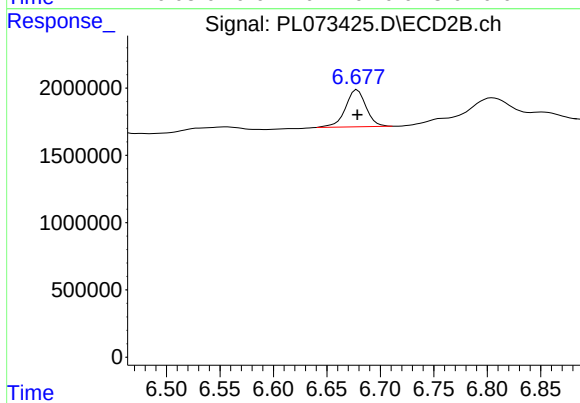
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 5699282
Conc: 2.72 ng/ml



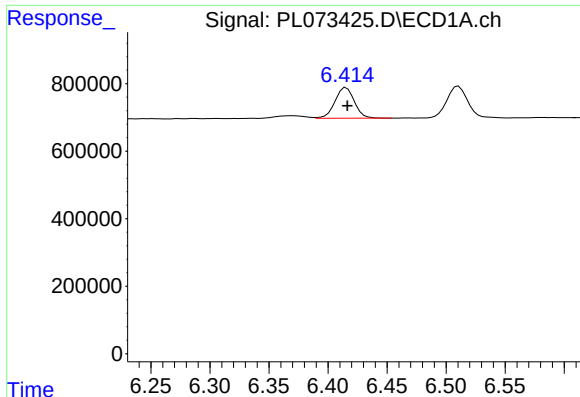
#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: -0.002 min
Response: 505474
Conc: 2.45 ng/ml m



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 3706325
Conc: 3.56 ng/ml



#7 delta-BHC

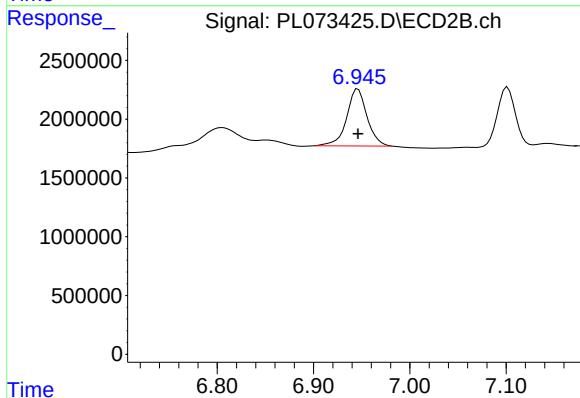
R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 1035069
Conc: 2.58 ng/ml

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

Manual Integrations
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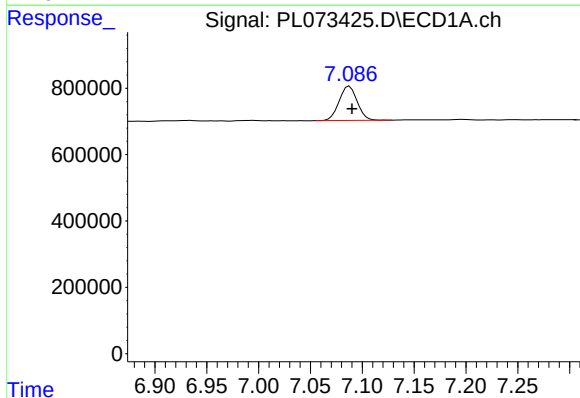
Reviewed By :Abdul
Mirza
03/17/2022

Supervised By :Ankita
Jodhani
03/17/2022



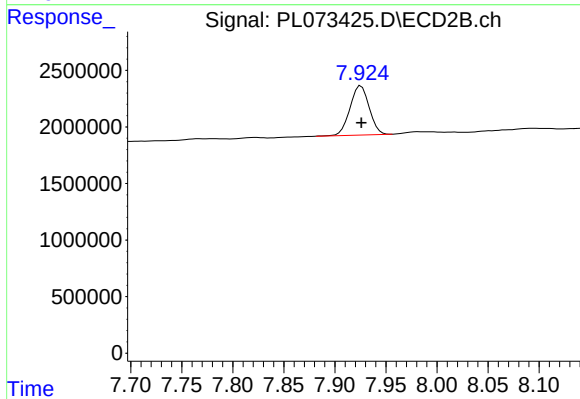
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 7091911
Conc: 3.29 ng/ml



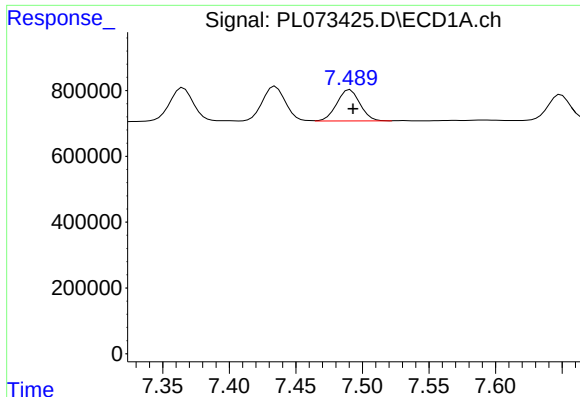
#8 Heptachlor epoxide

R.T.: 7.088 min
Delta R.T.: -0.002 min
Response: 1251774
Conc: 2.90 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 5689800
Conc: 2.85 ng/ml



#9 Endosulfan I

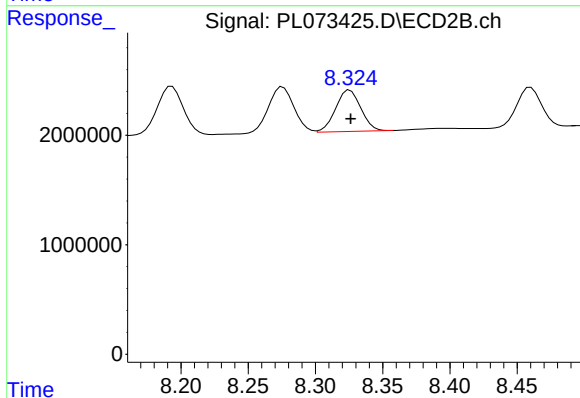
R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 1150970
Conc: 2.81 ng/ml

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

Manual Integrations
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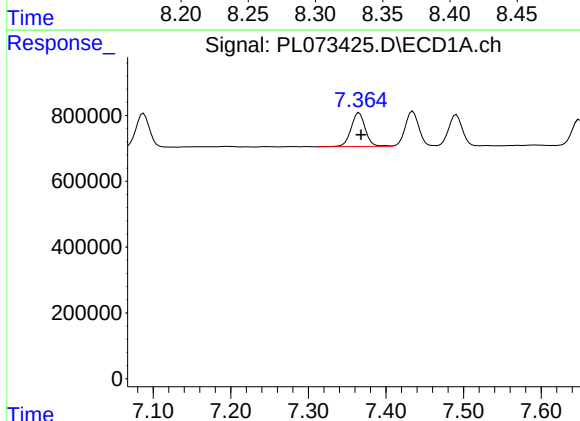
Reviewed By :Abdul
Mirza
03/17/2022

Supervised By :Ankita
Jodhani
03/17/2022



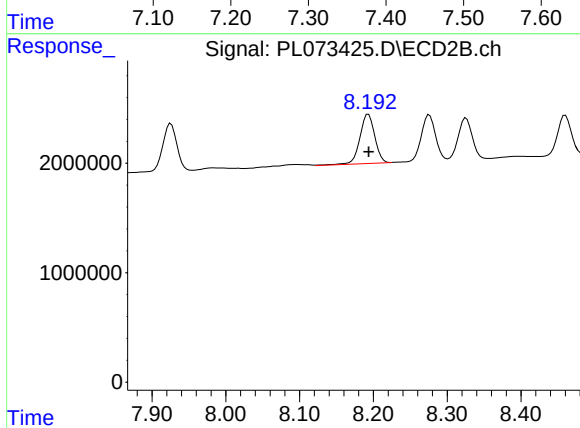
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 4930283
Conc: 2.70 ng/ml



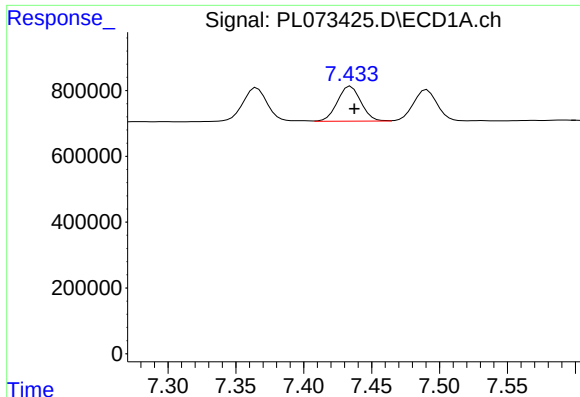
#10 gamma-Chlordane

R.T.: 7.365 min
Delta R.T.: -0.002 min
Response: 1318244
Conc: 3.01 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 6295430
Conc: 3.08 ng/ml



#11 alpha-Chlordane

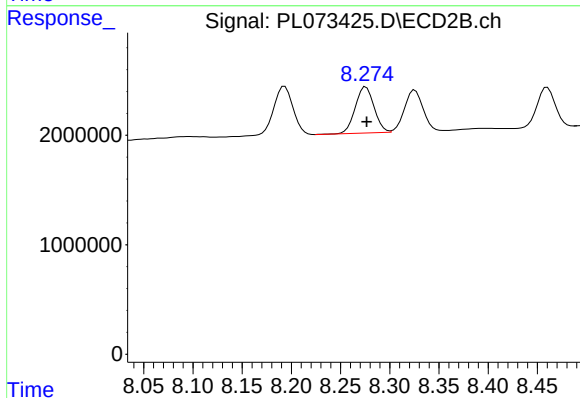
R.T.: 7.435 min
Delta R.T.: -0.003 min
Response: 1288312
Conc: 2.92 ng/ml

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

Manual Integrations
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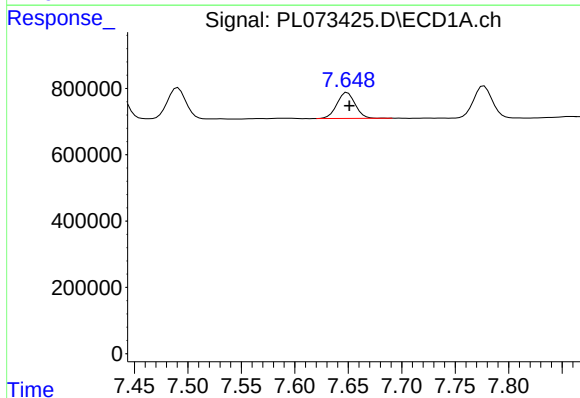
Reviewed By :Abdul
Mirza
03/17/2022

Supervised By :Ankita
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03/17/2022



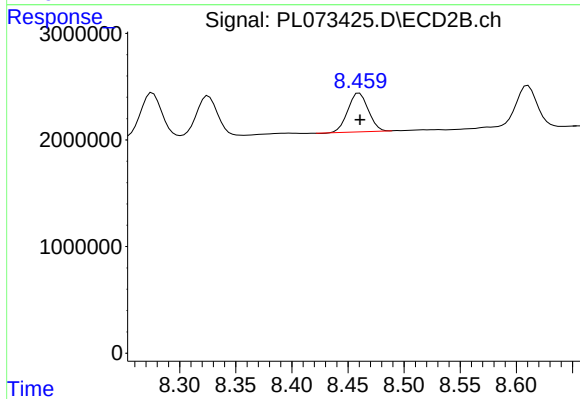
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: 0.000 min
Response: 5605311
Conc: 2.80 ng/ml



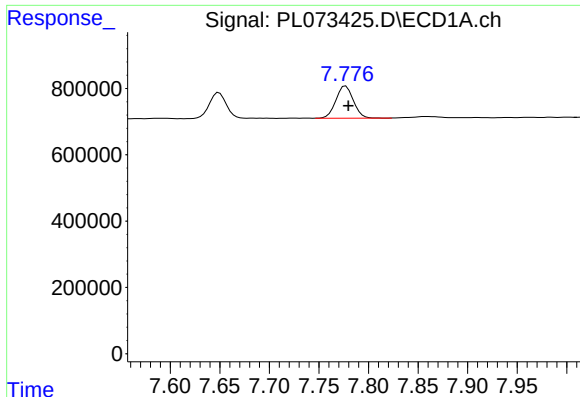
#12 4,4'-DDE

R.T.: 7.649 min
Delta R.T.: -0.002 min
Response: 931459
Conc: 2.60 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: 0.000 min
Response: 4602415
Conc: 2.57 ng/ml



#13 Dieldrin

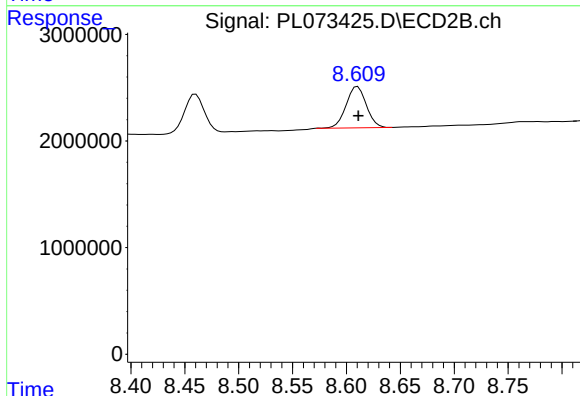
R.T.: 7.777 min
Delta R.T.: -0.003 min
Response: 1189100
Conc: 2.85 ng/ml

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

Manual Integrations
APPROVED

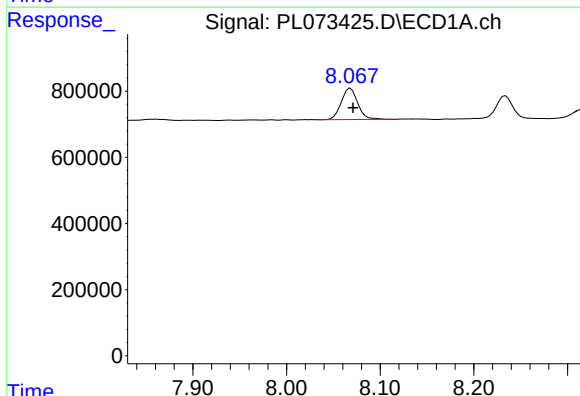
Reviewed By :Abdul
Mirza
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Supervised By :Ankita
Jodhani
03/17/2022



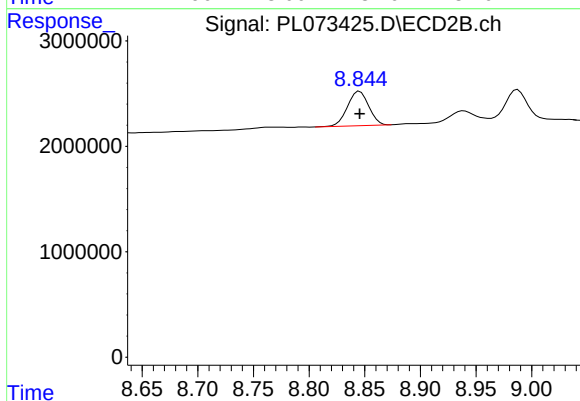
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 5098411
Conc: 2.76 ng/ml



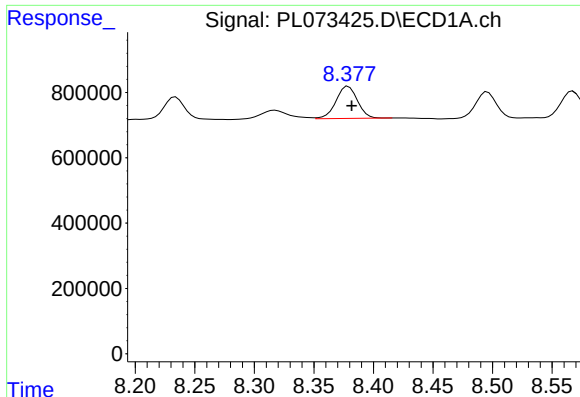
#14 Endrin

R.T.: 8.068 min
Delta R.T.: -0.003 min
Response: 1156694
Conc: 2.98 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: 0.000 min
Response: 4374349
Conc: 2.84 ng/ml



#15 Endosulfan II

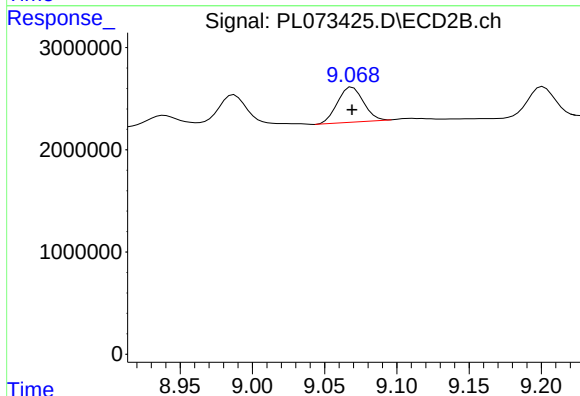
R.T.: 8.379 min
Delta R.T.: -0.003 min
Response: 1239005
Conc: 3.17 ng/ml

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

Manual Integrations
APPROVED

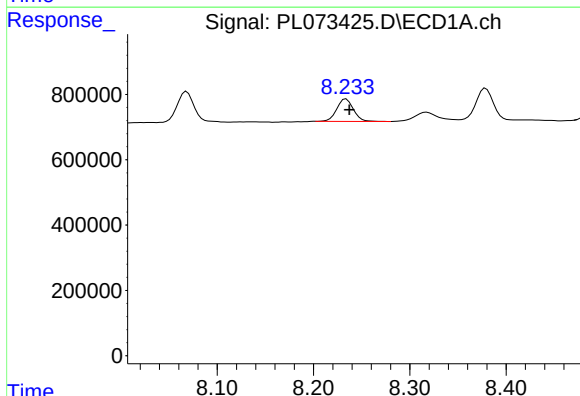
Reviewed By :Abdul
Mirza
03/17/2022

Supervised By :Ankita
Jodhani
03/17/2022



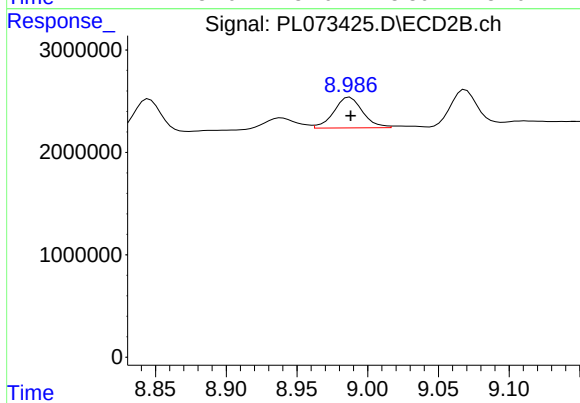
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 4287307
Conc: 2.79 ng/ml



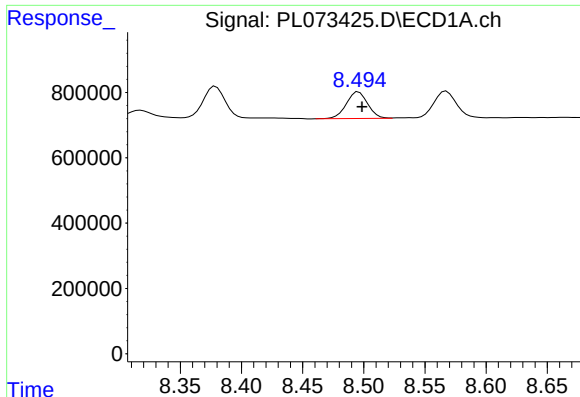
#16 4,4'-DDD

R.T.: 8.234 min
Delta R.T.: -0.003 min
Response: 822520
Conc: 2.53 ng/ml



#16 4,4'-DDD

R.T.: 8.986 min
Delta R.T.: -0.002 min
Response: 4228530
Conc: 2.90 ng/ml m



#17 4,4'-DDT

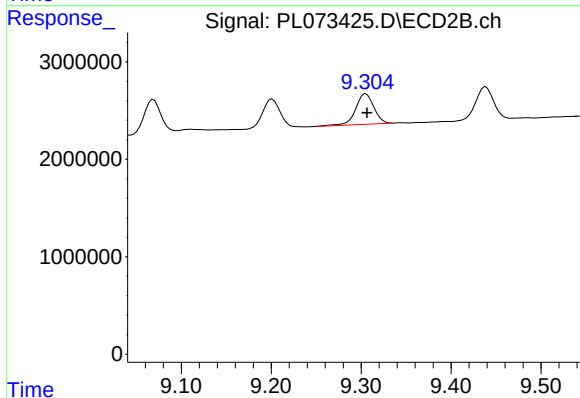
R.T.: 8.496 min
Delta R.T.: -0.003 min
Response: 993100
Conc: 2.63 ng/ml

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

Manual Integrations
APPROVED

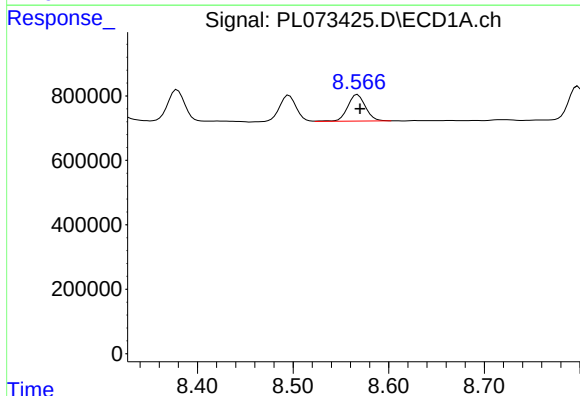
Reviewed By :Abdul
Mirza
03/17/2022

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Jodhani
03/17/2022



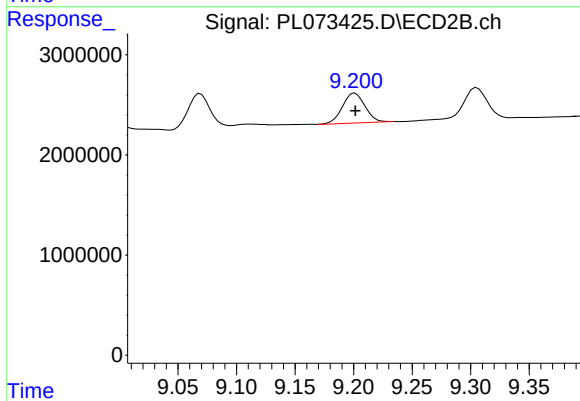
#17 4,4'-DDT

R.T.: 9.305 min
Delta R.T.: -0.001 min
Response: 4381660
Conc: 2.68 ng/ml



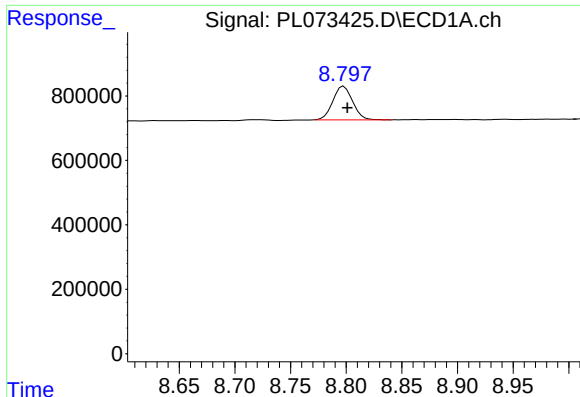
#18 Endrin aldehyde

R.T.: 8.568 min
Delta R.T.: -0.002 min
Response: 1069597
Conc: 3.38 ng/ml



#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.002 min
Response: 4016657
Conc: 3.28 ng/ml m



#19 Endosulfan Sulfate

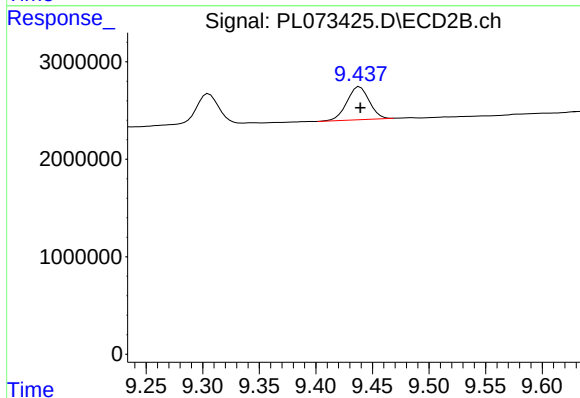
R.T.: 8.798 min
Delta R.T.: -0.003 min
Response: 1288903
Conc: 3.05 ng/ml

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

Manual Integrations
APPROVED

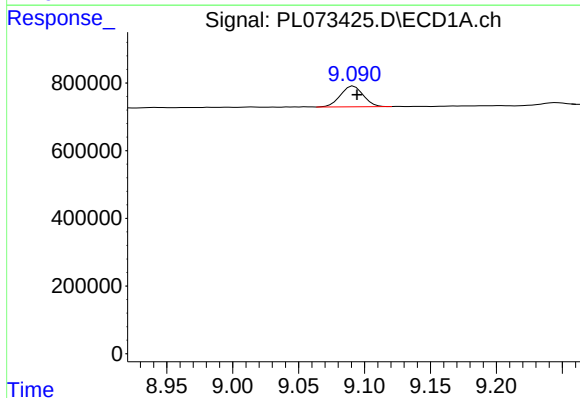
Reviewed By :Abdul
Mirza
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Supervised By :Ankita
Jodhani
03/17/2022



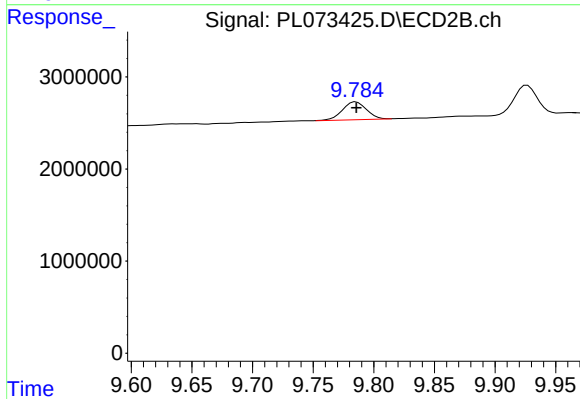
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: 0.000 min
Response: 4639198
Conc: 2.94 ng/ml



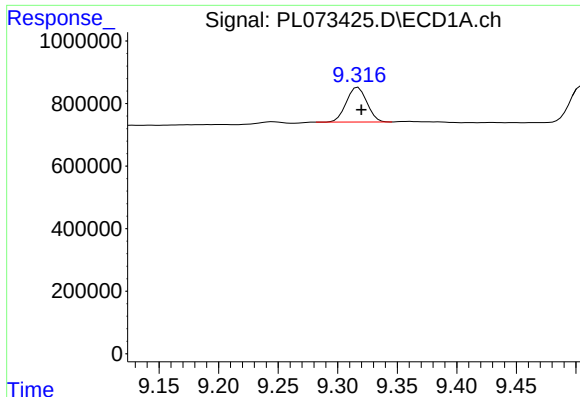
#20 Methoxychlor

R.T.: 9.092 min
Delta R.T.: -0.003 min
Response: 735994
Conc: 2.87 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: 0.000 min
Response: 2657015
Conc: 2.95 ng/ml



#21 Endrin ketone

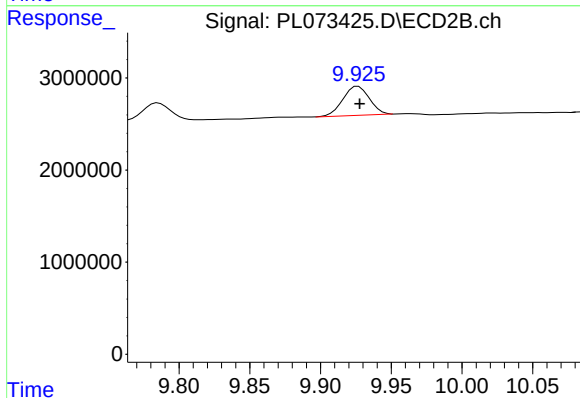
R.T.: 9.317 min
Delta R.T.: -0.003 min
Response: 1340380
Conc: 2.74 ng/ml

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

Manual Integrations
APPROVED

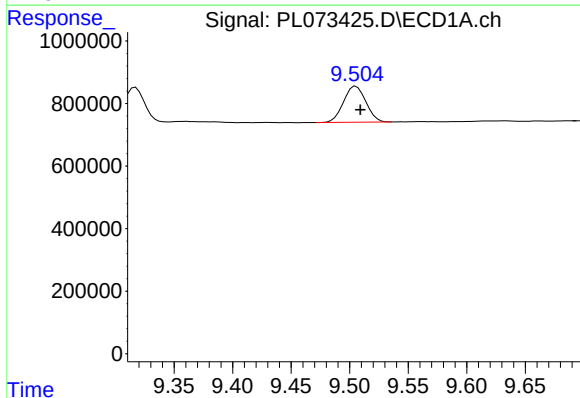
Reviewed By :Abdul
Mirza
03/17/2022

Supervised By :Ankita
Jodhani
03/17/2022



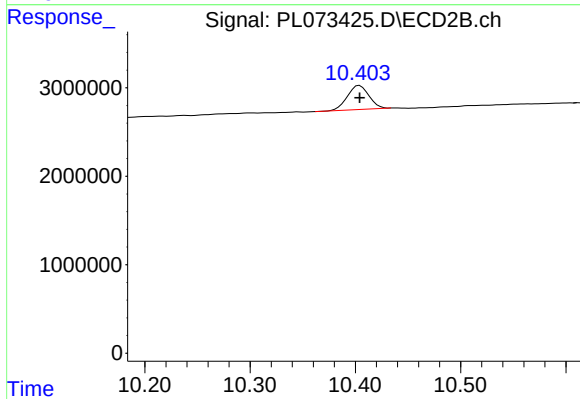
#21 Endrin ketone

R.T.: 9.925 min
Delta R.T.: -0.002 min
Response: 4152660
Conc: 2.52 ng/ml m



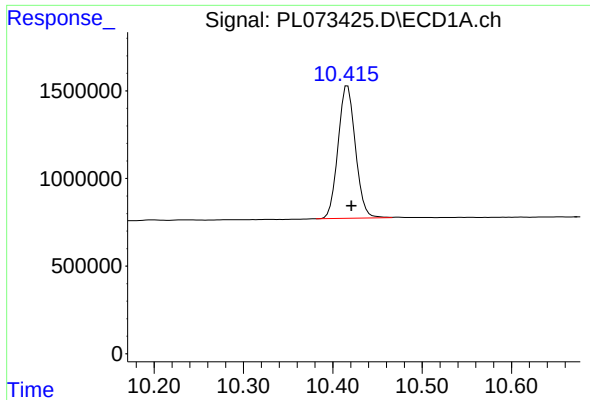
#22 Mirex

R.T.: 9.505 min
Delta R.T.: -0.004 min
Response: 1535237
Conc: 3.26 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: 0.000 min
Response: 3869556
Conc: 2.85 ng/ml



#28 Decachlorobiphenyl

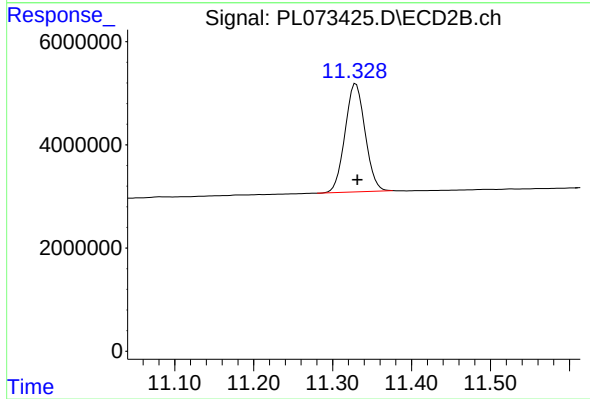
R.T.: 10.417 min
Delta R.T.: -0.004 min
Response: 10185487
Conc: 20.03 ng/ml

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.: 11.329 min
Delta R.T.: -0.002 min
Response: 37125814
Conc: 20.76 ng/ml