

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031922\
 Data File : PD068684.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Mar 2022 10:53
 Operator : AR\AJ
 Sample : N1645-07
 Misc : PEST LOD 1PPB
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/21/2022
 Supervised By :mohammad ahmed 03/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 00:43:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 03:30:32 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...	3.448	4.175	24679603	202.5E6	20.326	21.180
28)	SA Decachlor...	8.206	9.371	26633028	123.6E6	21.081	21.814
Target Compounds							
2)	A alpha-BHC	3.887	4.571	2058721	19001029	1.137	1.381
3)	MA gamma-BHC...	4.171	4.861	1835240	18082393	1.099	1.446 #
4)	MA Heptachlor	4.469	5.388	1972810	17545935	1.197	1.476
5)	MB Aldrin	4.717	5.702	1939479	18379591	1.214	1.601 #
6)	B beta-BHC	4.421	5.025	987448	7084164	1.326	1.290
7)	B delta-BHC	4.625	5.250	1829910	18589081	1.120	1.546 #
8)	B Heptachlo...	5.161	6.090	1878520	25005105	1.256	2.394 #
9)	A Endosulfan I	5.500	6.453	1743682	15225676	1.246	1.624 #
10)	B gamma-Chl...	5.387	6.325	2032364	16239814	1.340	1.576m
11)	B alpha-Chl...	5.446	6.400	1955319	16499584	1.308	1.657m#
12)	B 4,4'-DDE	5.610	6.551	1585062	14006942	1.159m	1.512 #
13)	MA Dieldrin	5.744	6.711	1853359	15393457	1.269	1.585
14)	MA Endrin	6.002	6.931	1775124	10565653	1.348	1.366
15)	B Endosulfa...	6.276	7.136	1746482	13004538	1.401	1.721
16)	A 4,4'-DDD	6.129	7.042	1434003	11170901	1.216	1.513
17)	MA 4,4'-DDT	6.370	7.345	1119755	9710375	0.932	1.322 #
18)	B Endrin al...	6.445	7.261	1525586	10524856	1.537	1.739
19)	B Endosulfa...	6.658	7.485	1776230	11655410	1.389	1.585
20)	A Methoxychlor	6.920	7.798	804228	4819012	1.160	1.322
21)	B Endrin ke...	7.151	7.960	1938977	12808144	1.317	1.653 #
22)	Mirex	7.335	8.427	1759397	8918109	1.484	1.627

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031922\
Data File : PD068684.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Mar 2022 10:53
Operator : AR\AJ
Sample : N1645-07
Misc : PEST LOD 1PPB
ALS Vial : 8 Sample Multiplier: 1

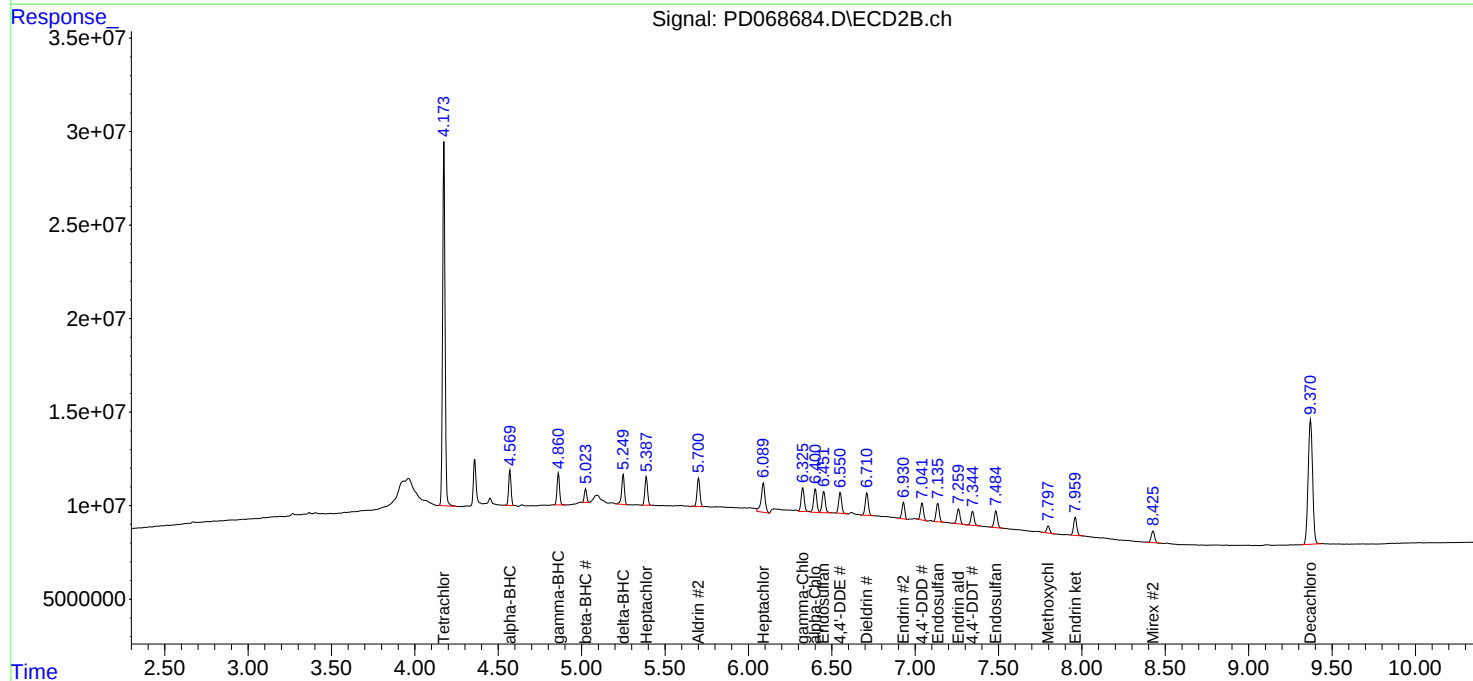
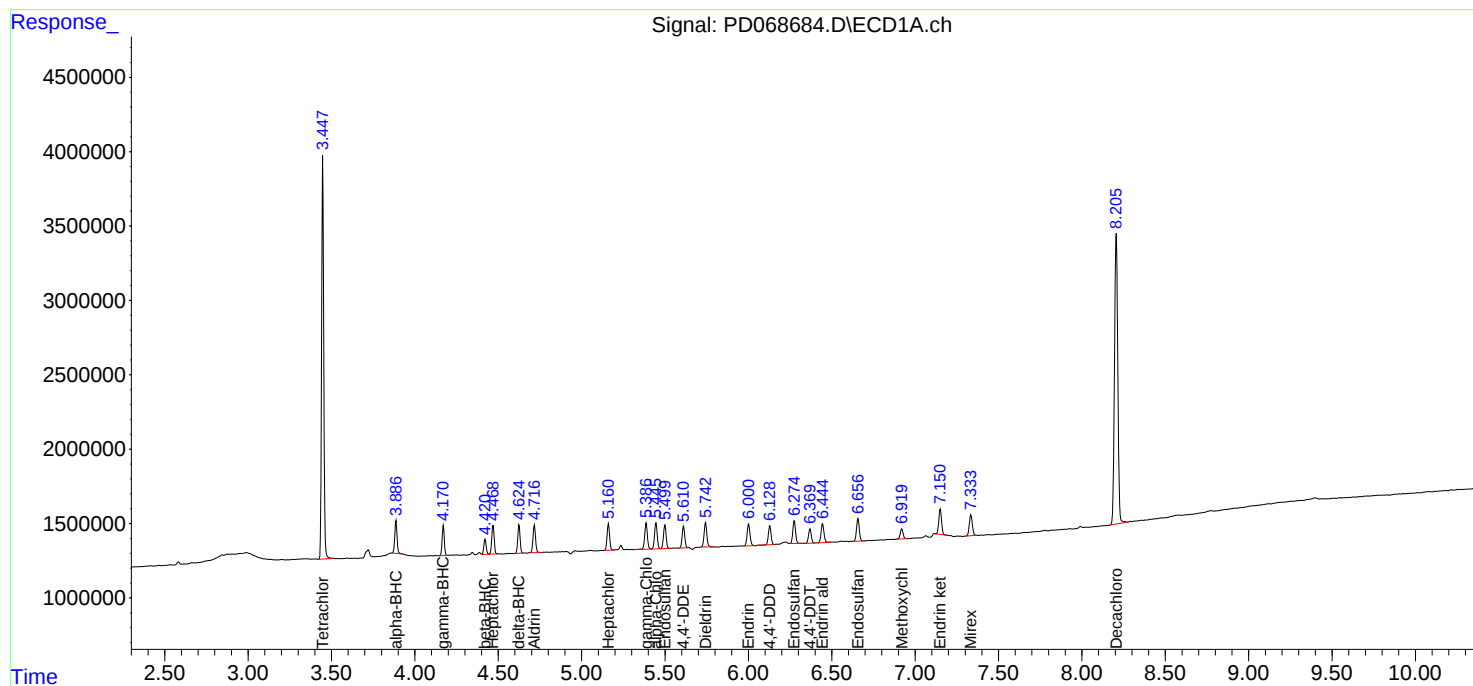
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

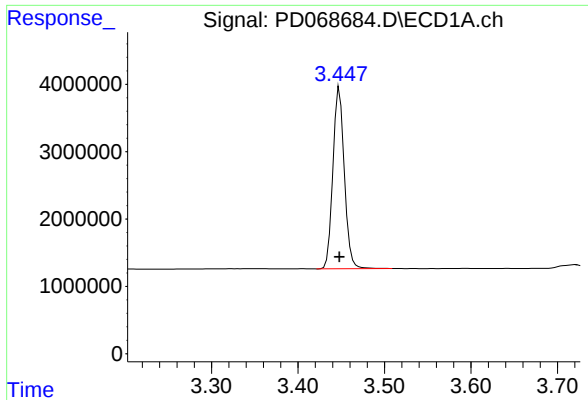
Manual Integrations
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Supervised By :mohammad ahmed 03/21/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 19 00:43:24 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
Quant Title : GC Extractables
QLast Update : Mon Mar 14 03:30:32 2022
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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





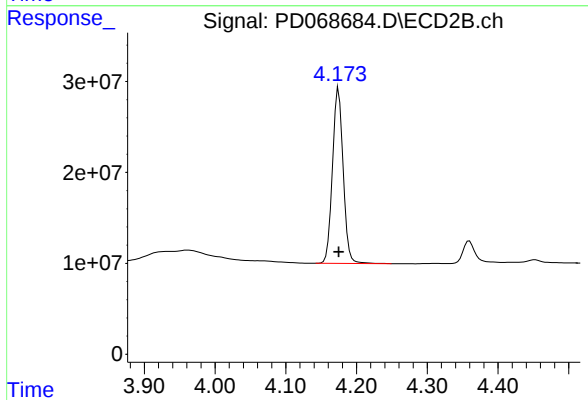
#1 Tetrachloro-m-xylene

R.T.: 3.448 min
Delta R.T.: 0.000 min
Response: 24679603
Conc: 20.33 ng/ml

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

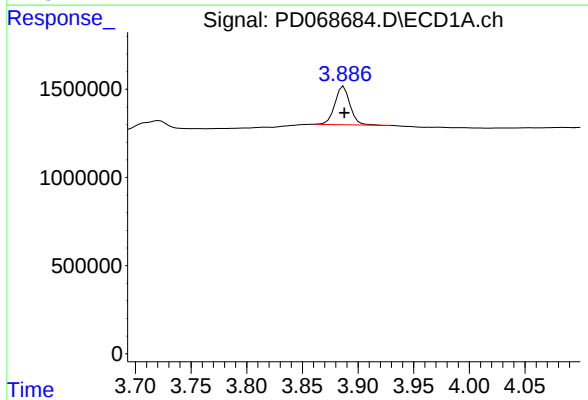
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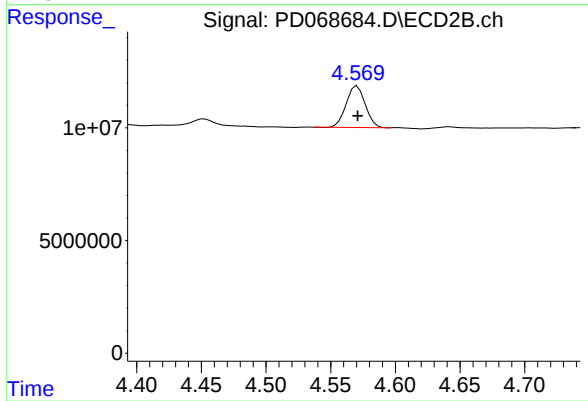
#1 Tetrachloro-m-xylene

R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 202492304
Conc: 21.18 ng/ml



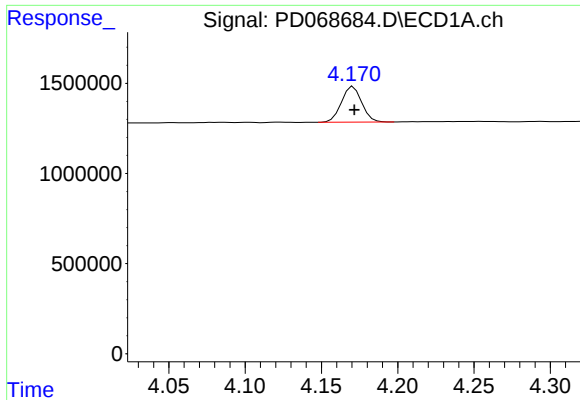
#2 alpha-BHC

R.T.: 3.887 min
Delta R.T.: 0.000 min
Response: 2058721
Conc: 1.14 ng/ml



#2 alpha-BHC

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 19001029
Conc: 1.38 ng/ml



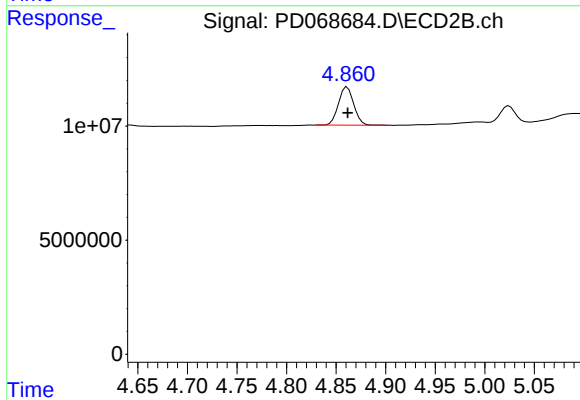
#3 gamma-BHC (Lindane)

R.T.: 4.171 min
Delta R.T.: 0.000 min
Response: 1835240
Conc: 1.10 ng/ml

Instrument :
ECD_D
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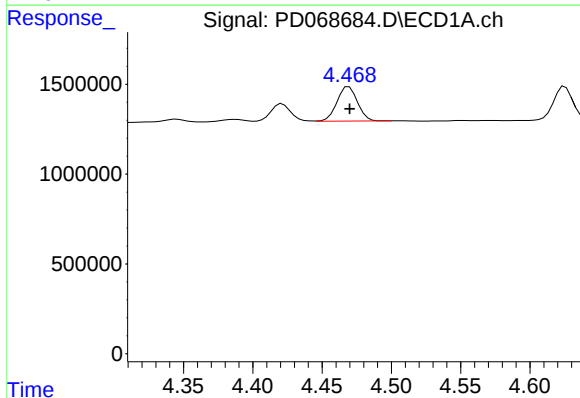
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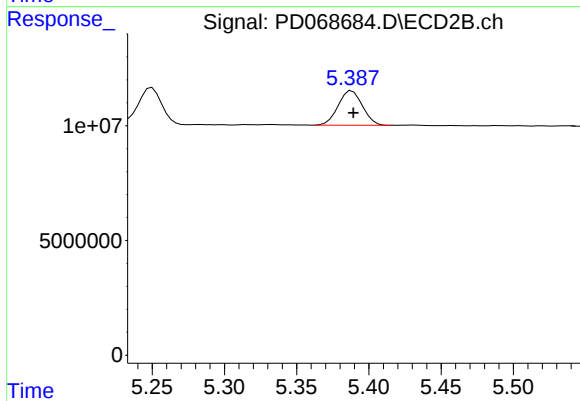
#3 gamma-BHC (Lindane)

R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 18082393
Conc: 1.45 ng/ml



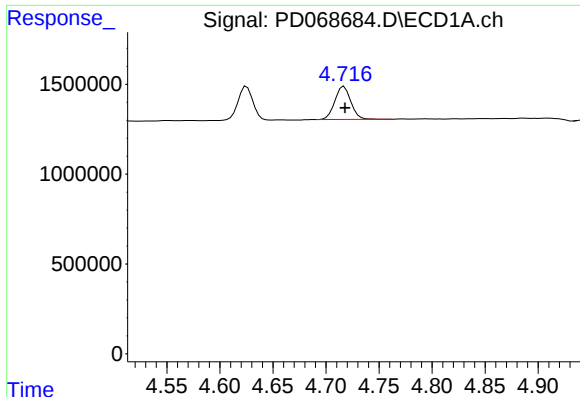
#4 Heptachlor

R.T.: 4.469 min
Delta R.T.: 0.000 min
Response: 1972810
Conc: 1.20 ng/ml



#4 Heptachlor

R.T.: 5.388 min
Delta R.T.: -0.001 min
Response: 17545935
Conc: 1.48 ng/ml



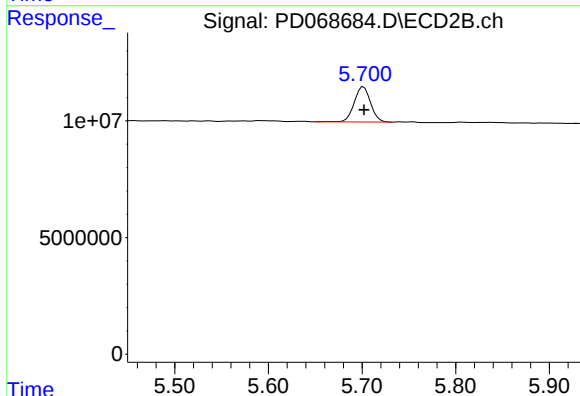
#5 Aldrin

R.T.: 4.717 min
Delta R.T.: 0.000 min
Response: 1939479
Conc: 1.21 ng/ml

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

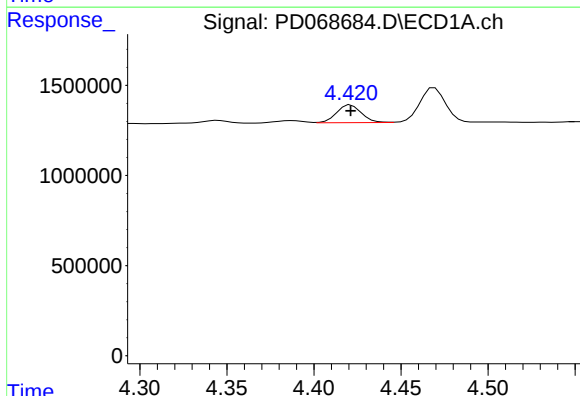
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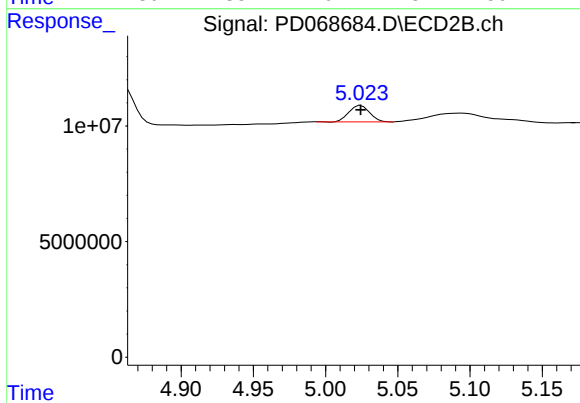
#5 Aldrin

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 18379591
Conc: 1.60 ng/ml



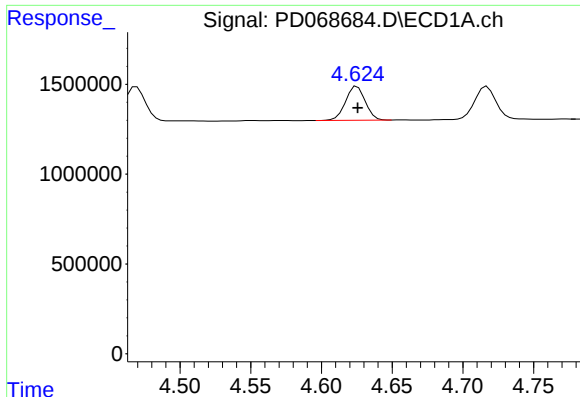
#6 beta-BHC

R.T.: 4.421 min
Delta R.T.: 0.000 min
Response: 987448
Conc: 1.33 ng/ml



#6 beta-BHC

R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 7084164
Conc: 1.29 ng/ml



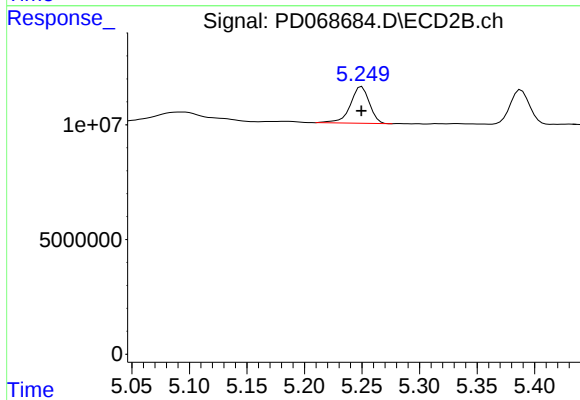
#7 delta-BHC

R.T.: 4.625 min
Delta R.T.: 0.000 min
Response: 1829910
Conc: 1.12 ng/ml

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

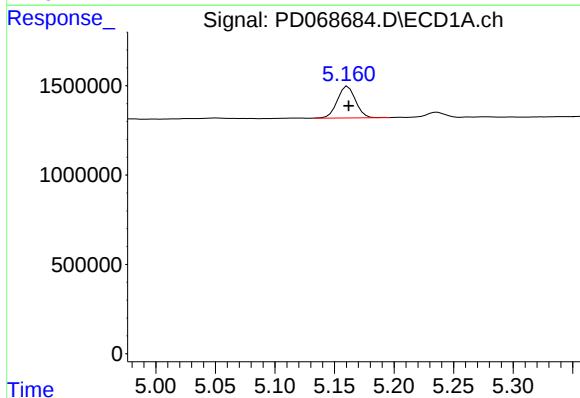
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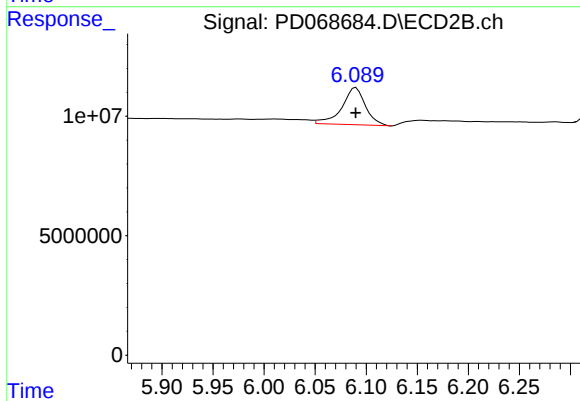
#7 delta-BHC

R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 18589081
Conc: 1.55 ng/ml



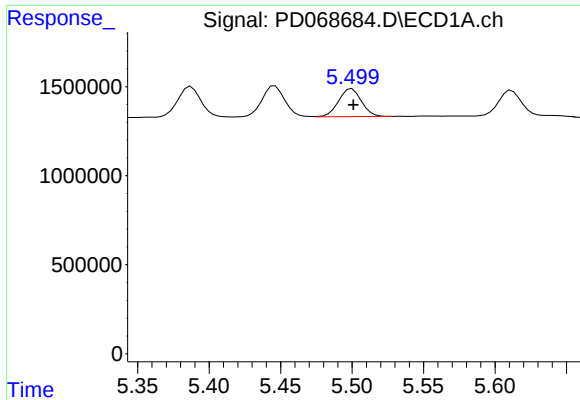
#8 Heptachlor epoxide

R.T.: 5.161 min
Delta R.T.: 0.000 min
Response: 1878520
Conc: 1.26 ng/ml



#8 Heptachlor epoxide

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 25005105
Conc: 2.39 ng/ml



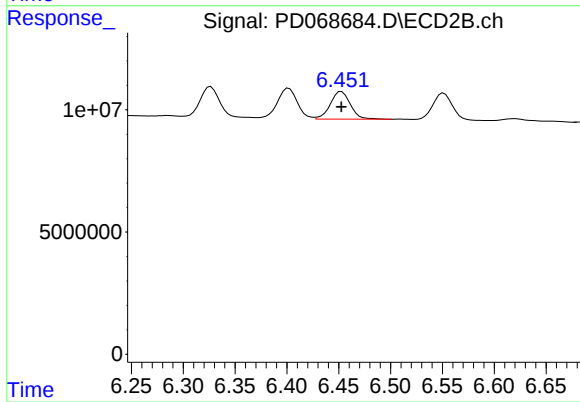
#9 Endosulfan I

R.T.: 5.500 min
Delta R.T.: -0.001 min
Response: 1743682
Conc: 1.25 ng/ml

Instrument :
ECD_D
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LOD-MDL-WATER-01-QT1-2022

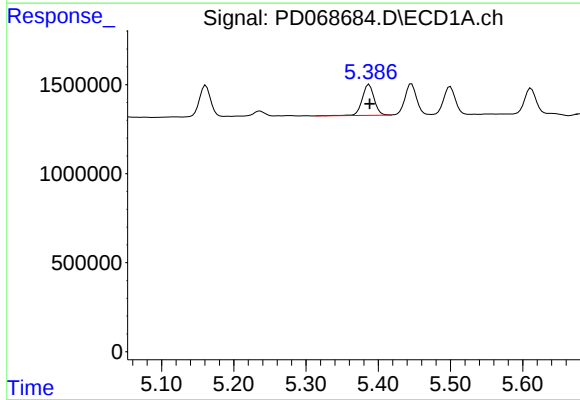
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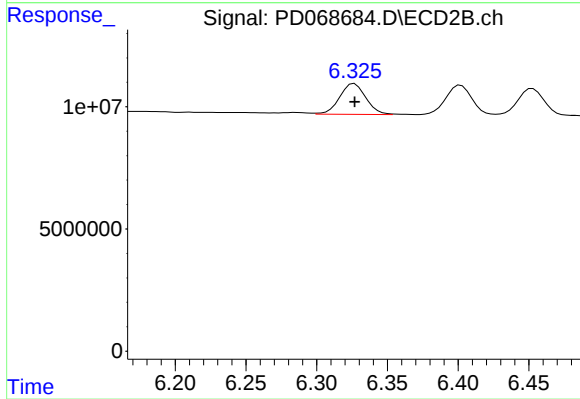
#9 Endosulfan I

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 15225676
Conc: 1.62 ng/ml



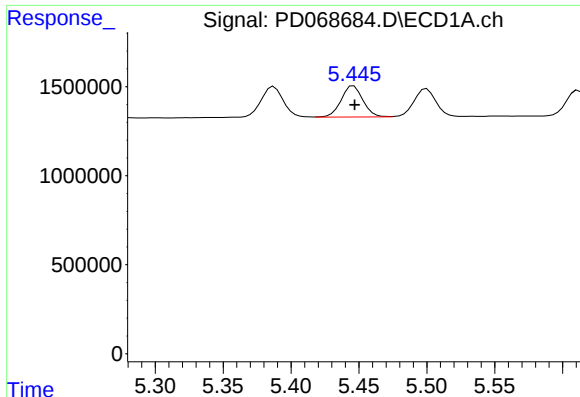
#10 gamma-Chlordane

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 2032364
Conc: 1.34 ng/ml



#10 gamma-Chlordane

R.T.: 6.325 min
Delta R.T.: -0.002 min
Response: 16239814
Conc: 1.58 ng/ml m



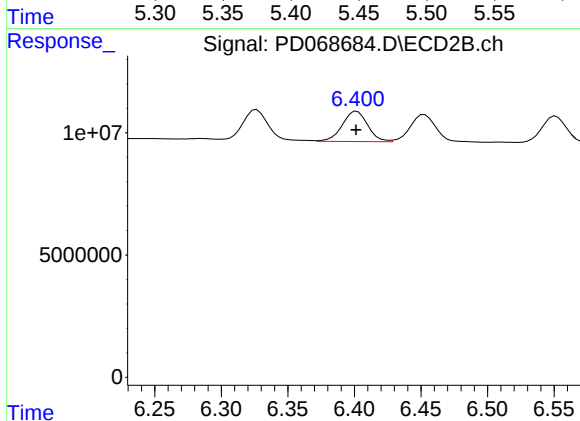
#11 alpha-Chlordane

R.T.: 5.446 min
Delta R.T.: 0.000 min
Response: 1955319
Conc: 1.31 ng/ml

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

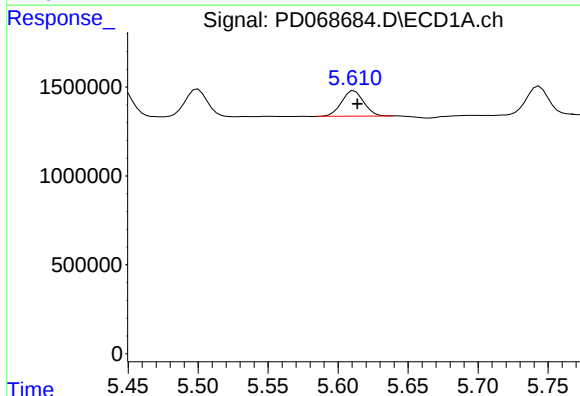
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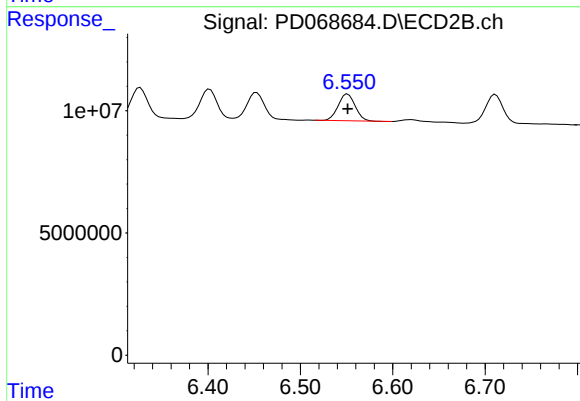
#11 alpha-Chlordane

R.T.: 6.400 min
Delta R.T.: 0.000 min
Response: 16499584
Conc: 1.66 ng/ml m



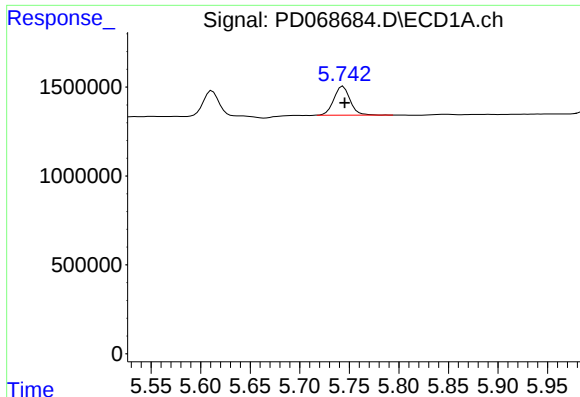
#12 4,4'-DDE

R.T.: 5.610 min
Delta R.T.: -0.004 min
Response: 1585062
Conc: 1.16 ng/ml m



#12 4,4'-DDE

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 14006942
Conc: 1.51 ng/ml



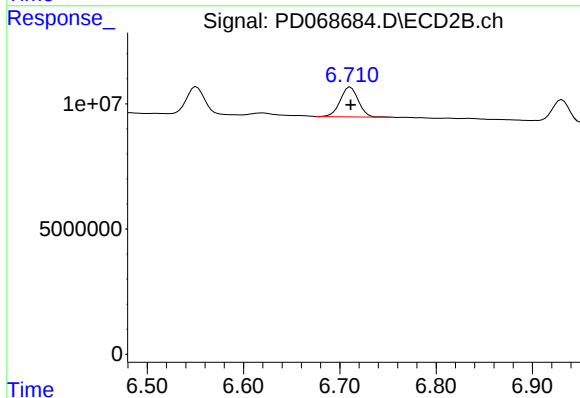
#13 Dieldrin

R.T.: 5.744 min
Delta R.T.: -0.002 min
Response: 1853359
Conc: 1.27 ng/ml

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

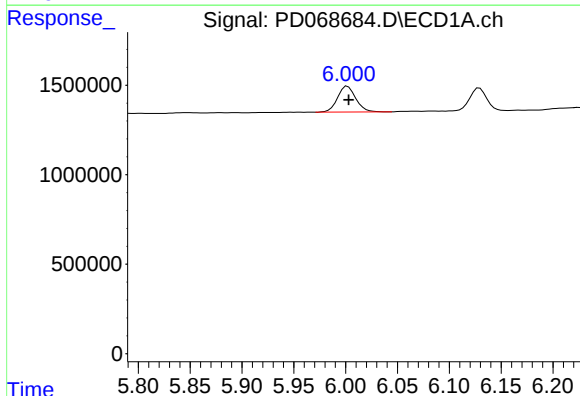
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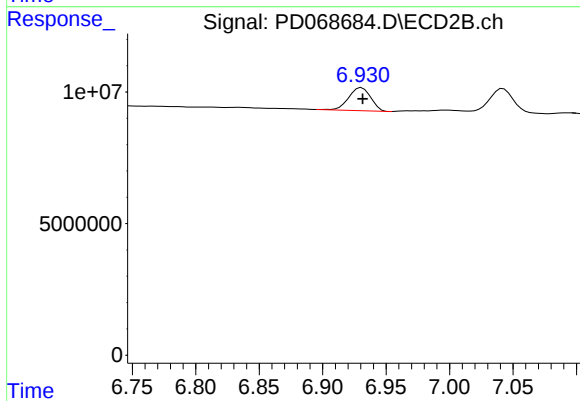
#13 Dieldrin

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 15393457
Conc: 1.58 ng/ml



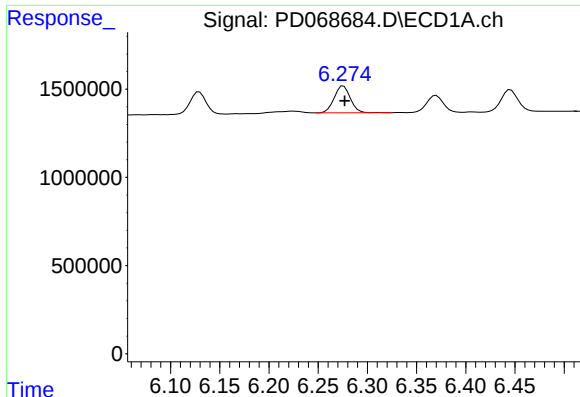
#14 Endrin

R.T.: 6.002 min
Delta R.T.: -0.001 min
Response: 1775124
Conc: 1.35 ng/ml



#14 Endrin

R.T.: 6.931 min
Delta R.T.: 0.000 min
Response: 10565653
Conc: 1.37 ng/ml



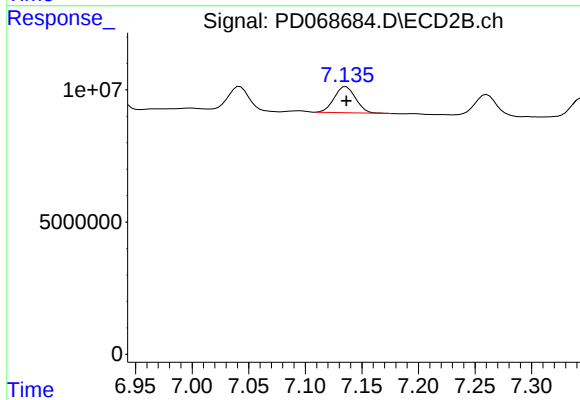
#15 Endosulfan II

R.T.: 6.276 min
Delta R.T.: -0.001 min
Response: 1746482
Conc: 1.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
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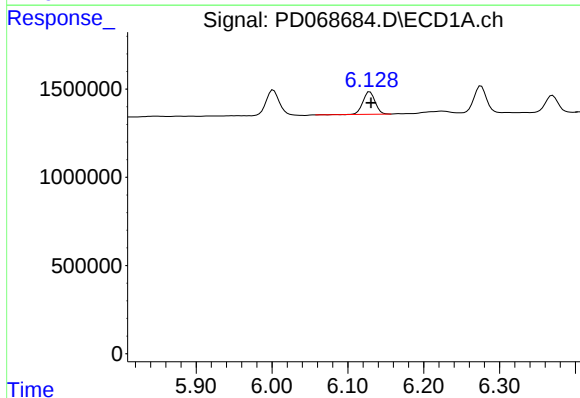
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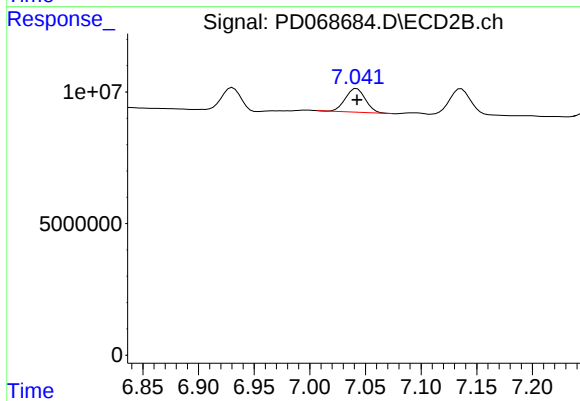
#15 Endosulfan II

R.T.: 7.136 min
Delta R.T.: 0.000 min
Response: 13004538
Conc: 1.72 ng/ml



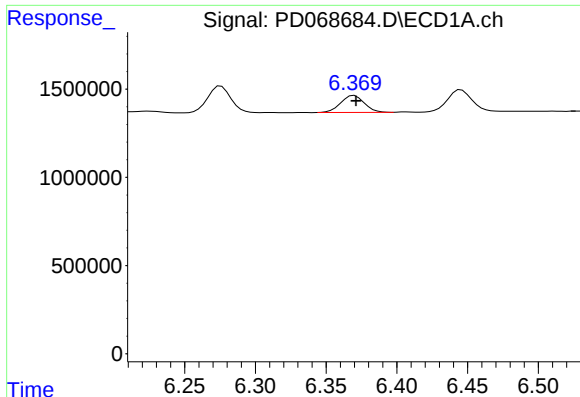
#16 4,4'-DDD

R.T.: 6.129 min
Delta R.T.: -0.002 min
Response: 1434003
Conc: 1.22 ng/ml



#16 4,4'-DDD

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 11170901
Conc: 1.51 ng/ml



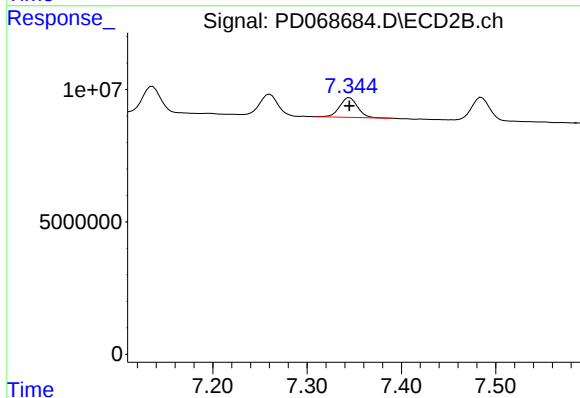
#17 4,4'-DDT

R.T.: 6.370 min
Delta R.T.: -0.001 min
Response: 1119755
Conc: 0.93 ng/ml

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

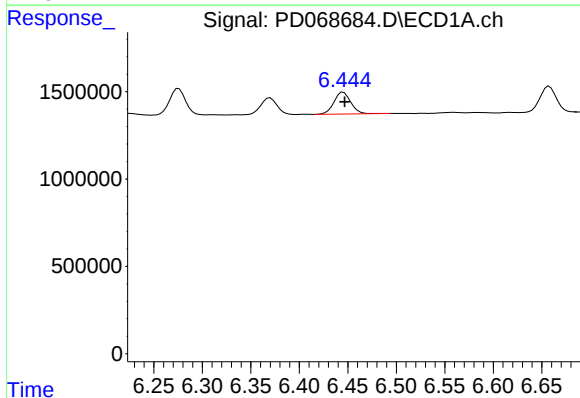
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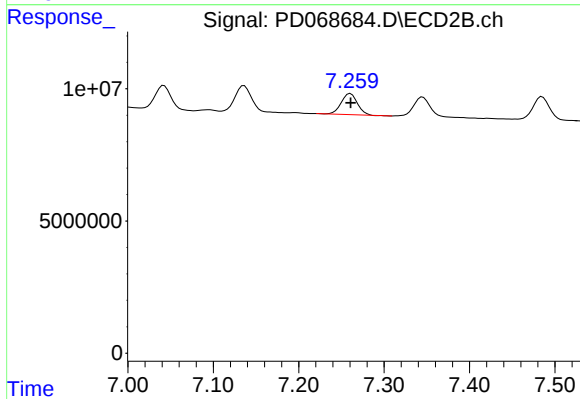
#17 4,4'-DDT

R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 9710375
Conc: 1.32 ng/ml



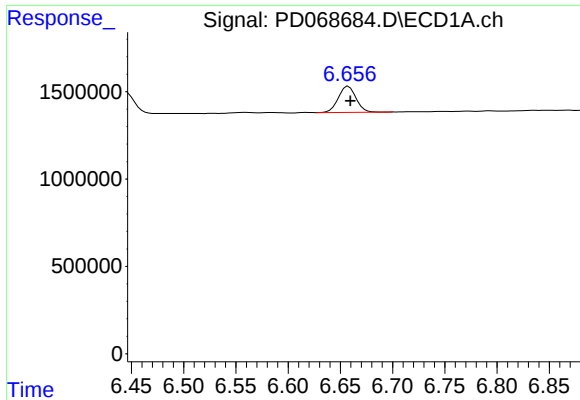
#18 Endrin aldehyde

R.T.: 6.445 min
Delta R.T.: -0.001 min
Response: 1525586
Conc: 1.54 ng/ml



#18 Endrin aldehyde

R.T.: 7.261 min
Delta R.T.: 0.000 min
Response: 10524856
Conc: 1.74 ng/ml



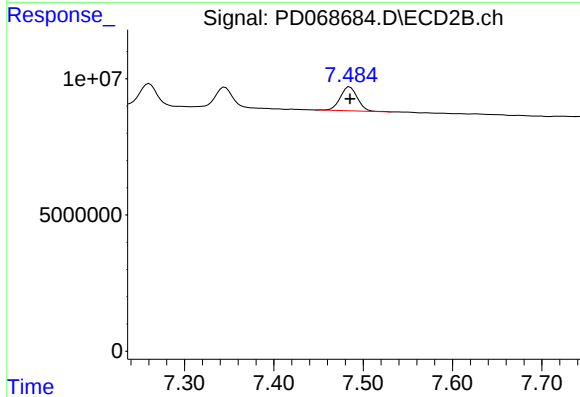
#19 Endosulfan Sulfate

R.T.: 6.658 min
Delta R.T.: -0.002 min
Response: 1776230
Conc: 1.39 ng/ml

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

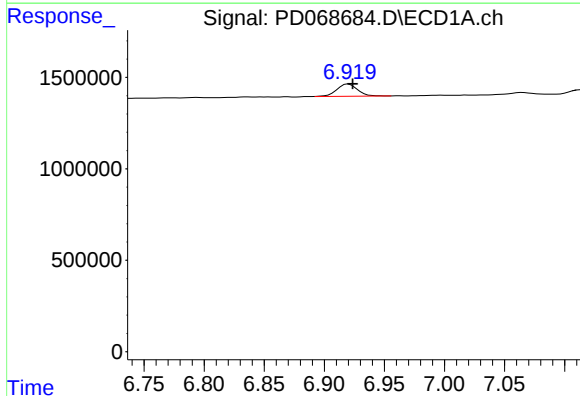
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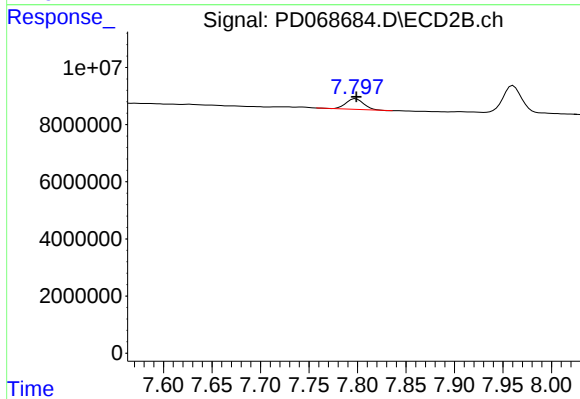
#19 Endosulfan Sulfate

R.T.: 7.485 min
Delta R.T.: 0.000 min
Response: 11655410
Conc: 1.58 ng/ml



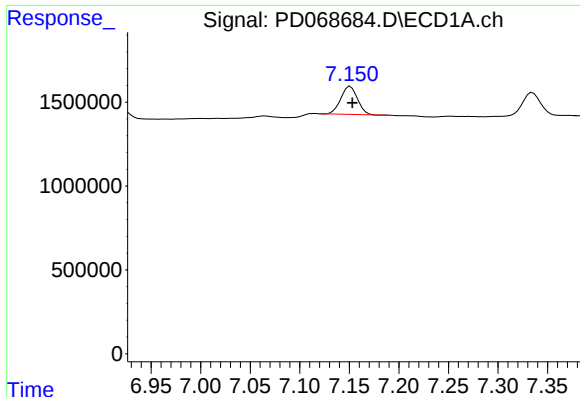
#20 Methoxychlor

R.T.: 6.920 min
Delta R.T.: -0.003 min
Response: 804228
Conc: 1.16 ng/ml



#20 Methoxychlor

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 4819012
Conc: 1.32 ng/ml



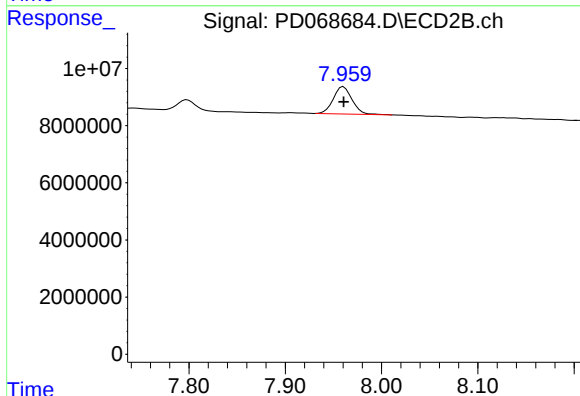
#21 Endrin ketone

R.T.: 7.151 min
Delta R.T.: -0.002 min
Response: 1938977
Conc: 1.32 ng/ml

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

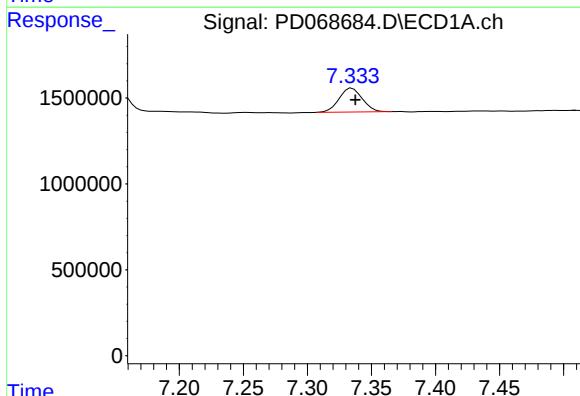
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/21/2022



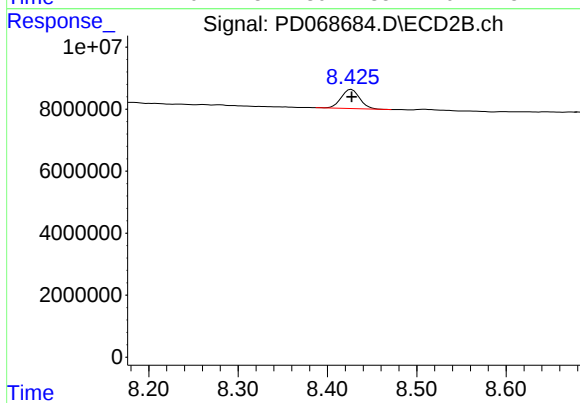
#21 Endrin ketone

R.T.: 7.960 min
Delta R.T.: 0.000 min
Response: 12808144
Conc: 1.65 ng/ml



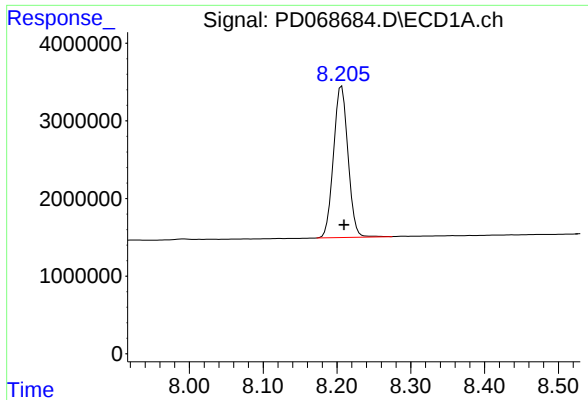
#22 Mirex

R.T.: 7.335 min
Delta R.T.: -0.003 min
Response: 1759397
Conc: 1.48 ng/ml



#22 Mirex

R.T.: 8.427 min
Delta R.T.: 0.000 min
Response: 8918109
Conc: 1.63 ng/ml



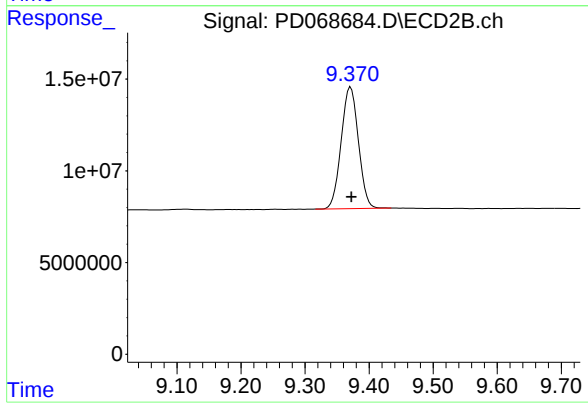
#28 Decachlorobiphenyl

R.T.: 8.206 min
Delta R.T.: -0.003 min
Response: 26633028
Conc: 21.08 ng/ml

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

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/21/2022



#28 Decachlorobiphenyl

R.T.: 9.371 min
Delta R.T.: -0.001 min
Response: 123615734
Conc: 21.81 ng/ml