

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051524\
 Data File : PD082817.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2024 10:44
 Operator : AR\AJ
 Sample : P2403-09
 Misc : PEST MDL 1PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-WATER-03-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/17/2024
 Supervised By :Ankita Jodhani 05/17/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 16 05:49:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 15:39:20 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.565	2.776	31378612	77365913	20.268	19.521
28)	SA Decachlor...	9.122	7.905	41499027	80533214	20.782	20.835
Target Compounds							
2)	A alpha-BHC	4.020	3.275	2653254	5958049	0.969m	0.955
3)	MA gamma-BHC...	4.355	3.604	2306842	4985377	0.873	0.844
4)	MA Heptachlor	4.948	3.942	2632321	5196989	1.044	0.939
5)	MB Aldrin	5.292	4.221	2558108	4870546	0.993	0.855
6)	B beta-BHC	4.552	3.900	1041145	2926696	0.994	1.226
7)	B delta-BHC	4.799	4.129	3997723	4784315	1.609	0.827 #
8)	B Heptachlo...	5.716	4.721	3145945	4670078	1.349m	0.927m#
9)	A Endosulfan I	6.105	5.092	2212046	4216152	1.024m	0.914
10)	B gamma-Chl...	5.975	4.972	2298170	5008456	1.015m	1.002
11)	B alpha-Chl...	6.054	5.037	2361571	5065784	1.044m	1.020
12)	B 4,4'-DDE	6.227	5.224	2351254	4328578	1.075	0.927m
13)	MA Dieldrin	6.382	5.356	2316954	4862498	1.036	0.967
14)	MA Endrin	6.612	5.631	1834205	4776228	0.975m	1.092m
15)	B Endosulfa...	6.832	5.925	2517254	4175809	1.262m	1.000
16)	A 4,4'-DDD	6.746	5.779	1618006	3628792	1.012m	0.965
17)	MA 4,4'-DDT	7.061	6.029	1776408	3081479	1.052	0.804
18)	B Endrin al...	6.962	6.105	1608728	3834954	1.149m	1.228
19)	B Endosulfa...	7.198	6.326	2043552	4737795	1.158	1.188
20)	A Methoxychlor	7.539	6.604	970792	1840156	1.059	0.906
21)	B Endrin ke...	7.686	6.832	2206652	3947991	1.148	0.868
22)	Mirex	8.163	7.014	1942080	3989893	1.267	1.117

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051524\
Data File : PD082817.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2024 10:44
Operator : AR\AJ
Sample : P2403-09
Misc : PEST MDL 1PPB
ALS Vial : 10 Sample Multiplier: 1

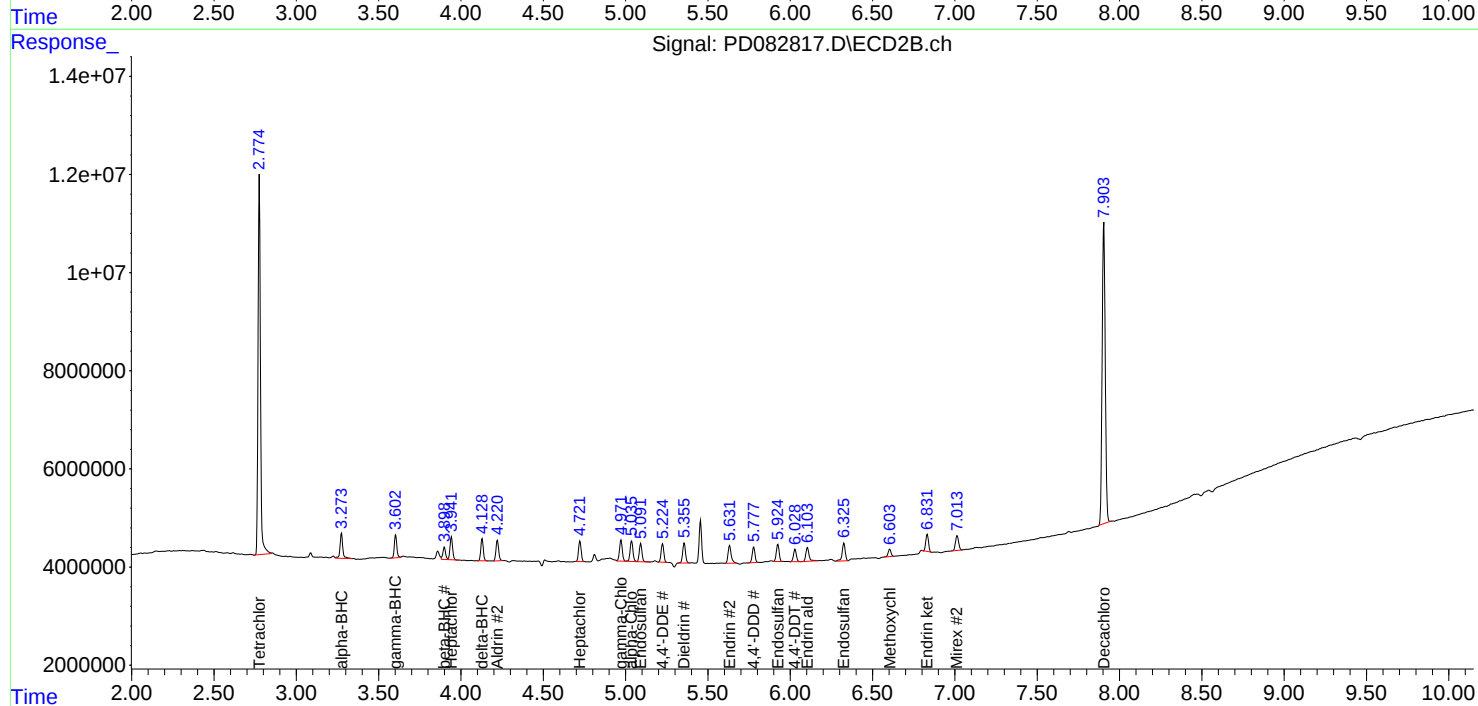
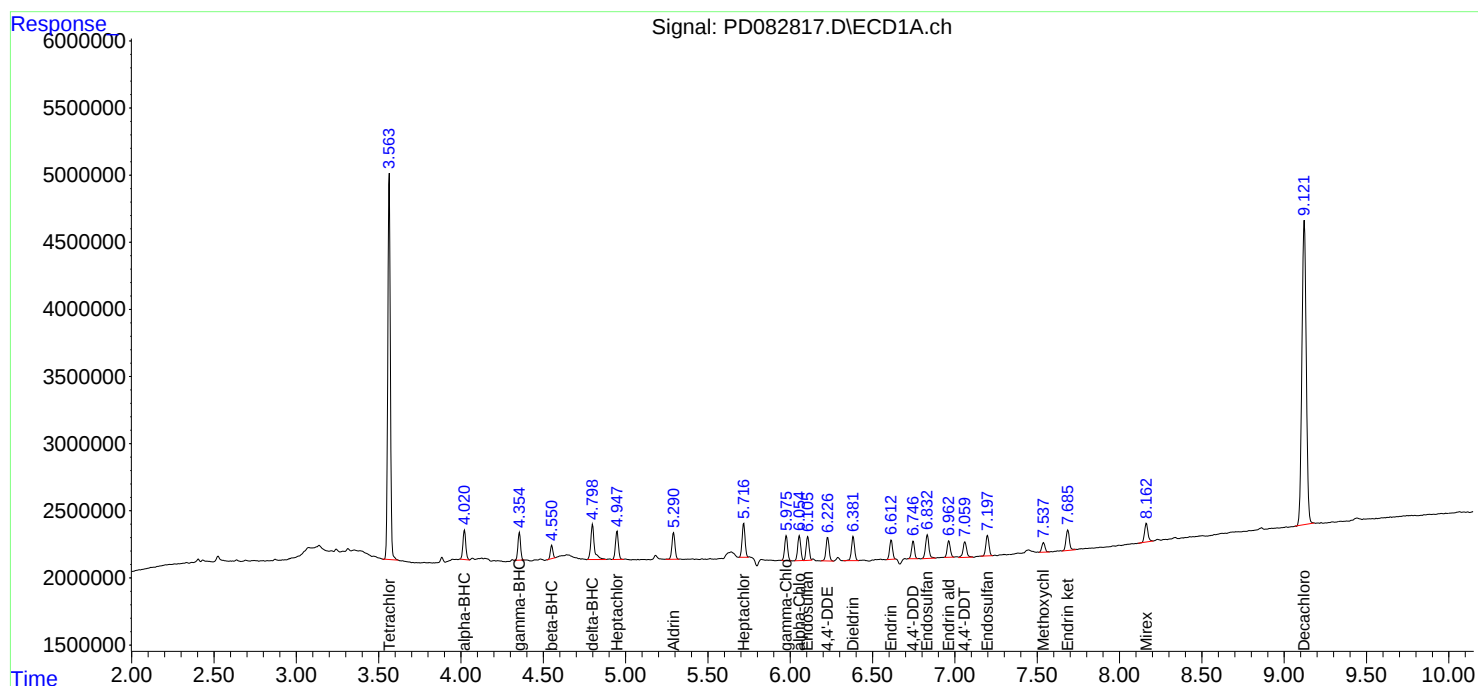
Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2024

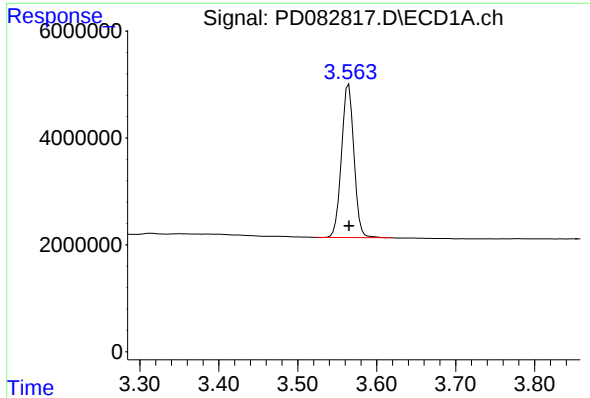
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/17/2024
Supervised By :Ankita Jodhani 05/17/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 05:49:18 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
Quant Title : GC Extractables
QLast Update : Mon May 13 15:39:20 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





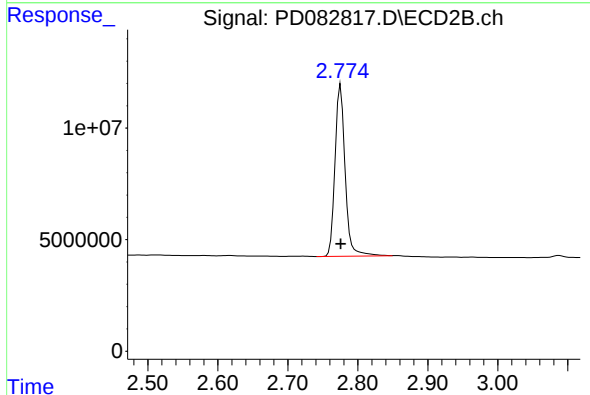
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: 0.000 min
Response: 31378612
Conc: 20.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2024

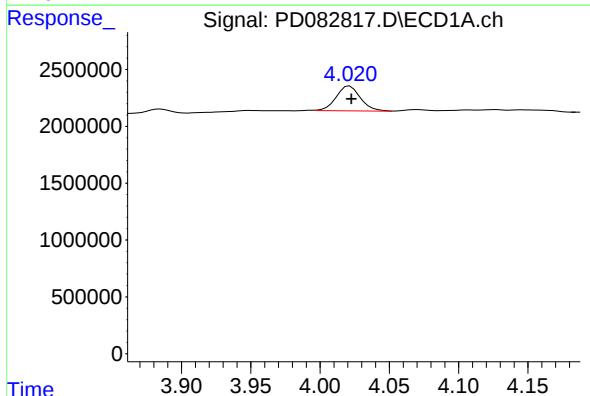
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/17/2024
Supervised By :Ankita Jodhani 05/17/2024



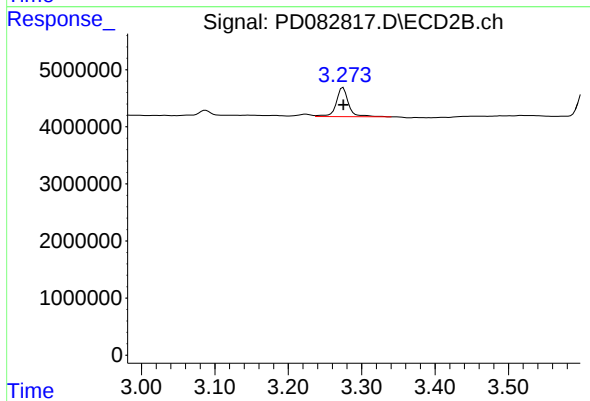
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.000 min
Response: 77365913
Conc: 19.52 ng/ml



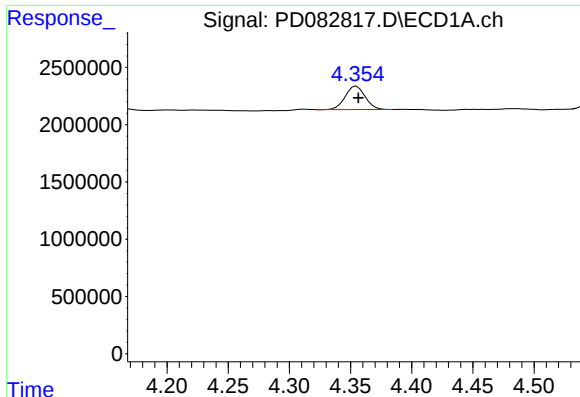
#2 alpha-BHC

R.T.: 4.020 min
Delta R.T.: -0.003 min
Response: 2653254
Conc: 0.97 ng/ml m



#2 alpha-BHC

R.T.: 3.275 min
Delta R.T.: 0.000 min
Response: 5958049
Conc: 0.96 ng/ml



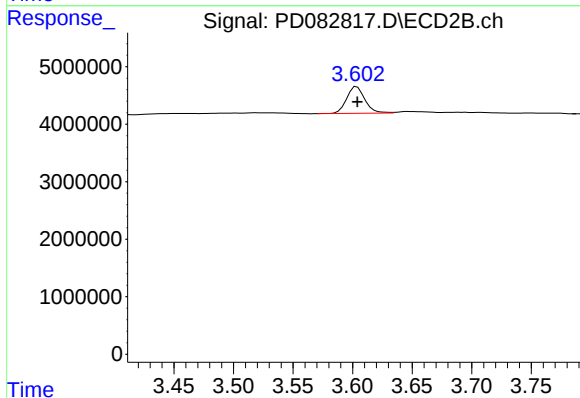
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: -0.001 min
Response: 2306842
Conc: 0.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2024

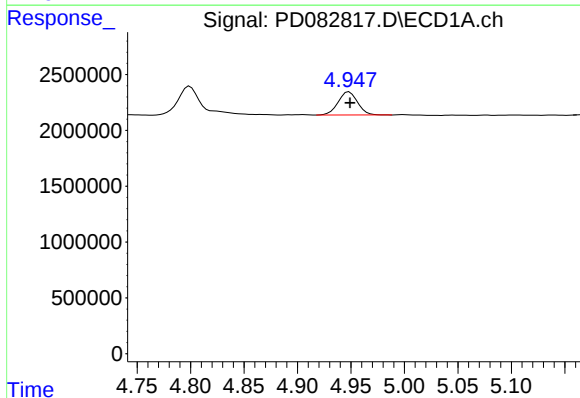
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/17/2024
Supervised By :Ankita Jodhani 05/17/2024



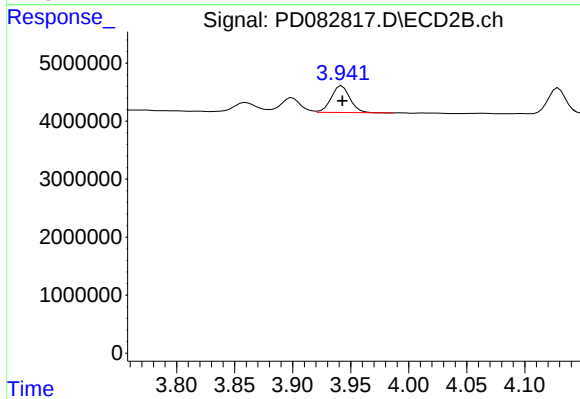
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.000 min
Response: 4985377
Conc: 0.84 ng/ml



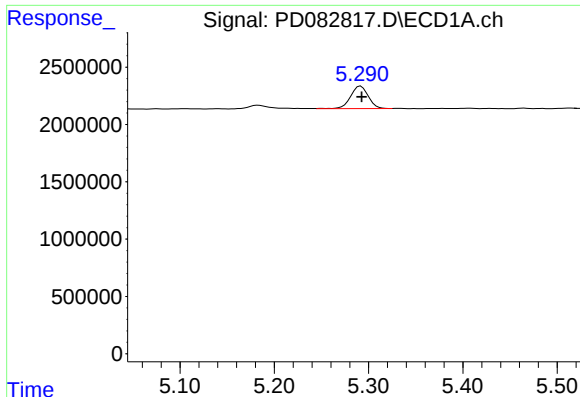
#4 Heptachlor

R.T.: 4.948 min
Delta R.T.: 0.000 min
Response: 2632321
Conc: 1.04 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.000 min
Response: 5196989
Conc: 0.94 ng/ml



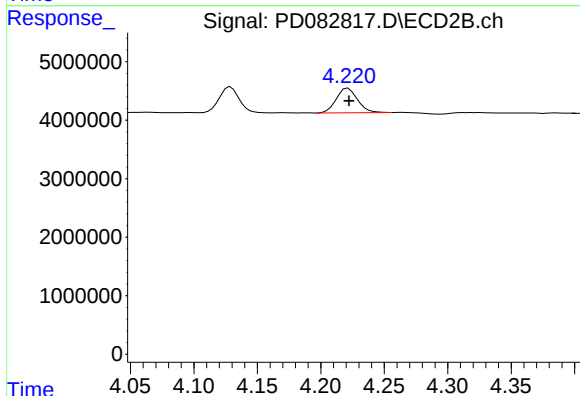
#5 Aldrin

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 2558108
Conc: 0.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2024

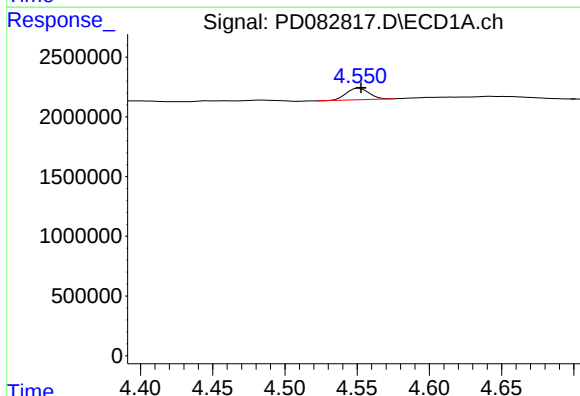
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/17/2024
Supervised By :Ankita Jodhani 05/17/2024



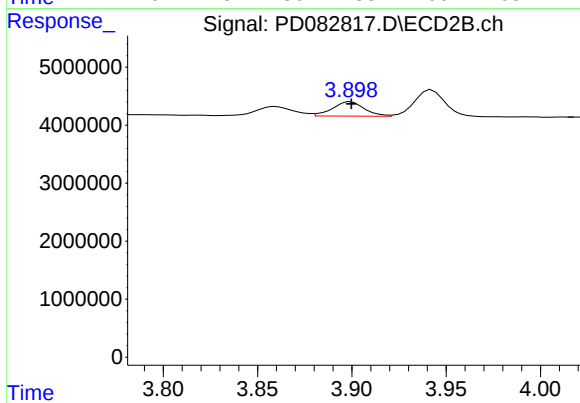
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.000 min
Response: 4870546
Conc: 0.85 ng/ml



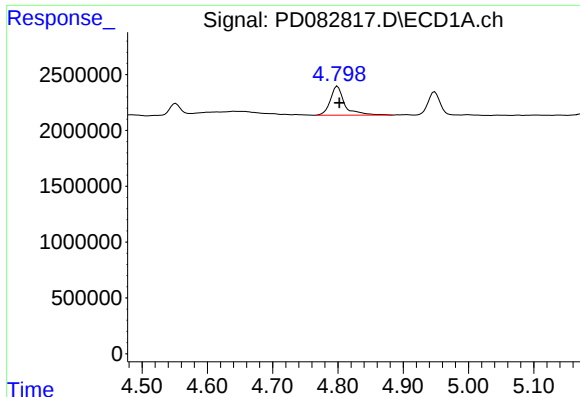
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 1041145
Conc: 0.99 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 2926696
Conc: 1.23 ng/ml



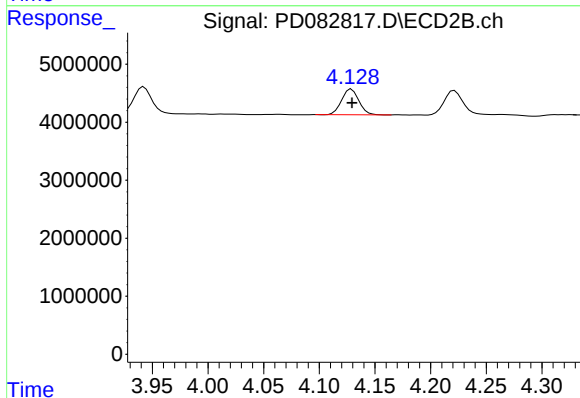
#7 delta-BHC

R.T.: 4.799 min
Delta R.T.: -0.003 min
Response: 3997723
Conc: 1.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2024

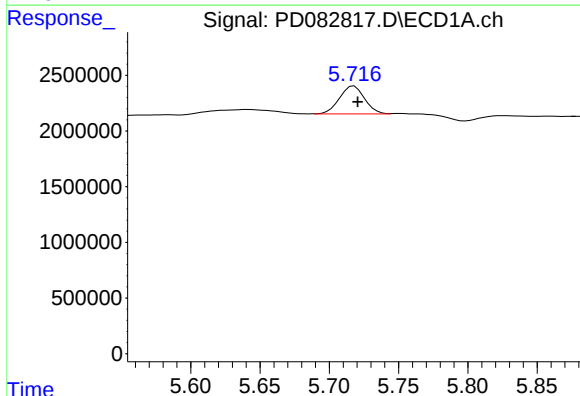
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/17/2024
Supervised By :Ankita Jodhani 05/17/2024



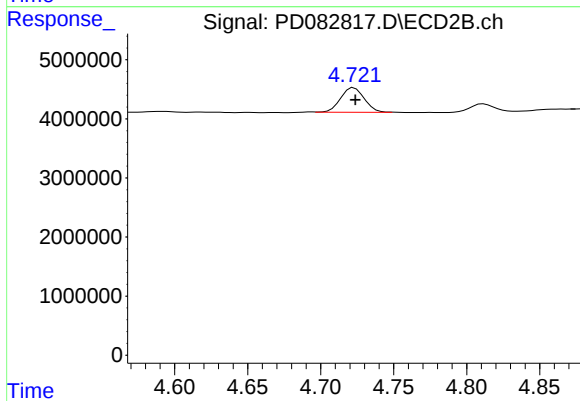
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 4784315
Conc: 0.83 ng/ml



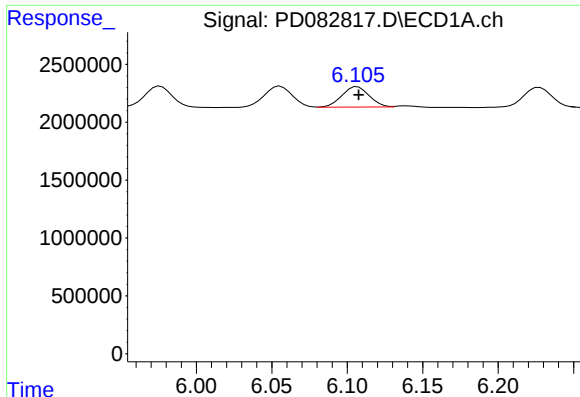
#8 Heptachlor epoxide

R.T.: 5.716 min
Delta R.T.: -0.004 min
Response: 3145945
Conc: 1.35 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.002 min
Response: 4670078
Conc: 0.93 ng/ml m



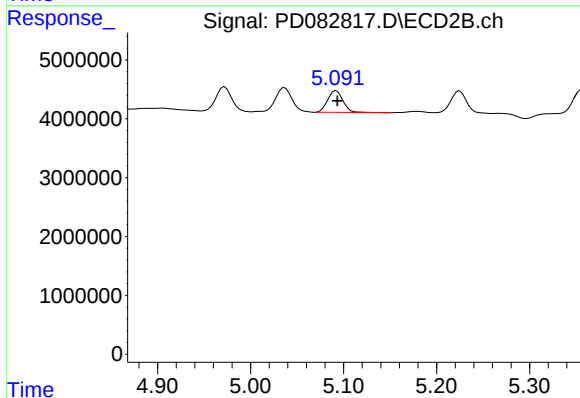
#9 Endosulfan I

R.T.: 6.105 min
Delta R.T.: -0.002 min
Response: 2212046
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2024

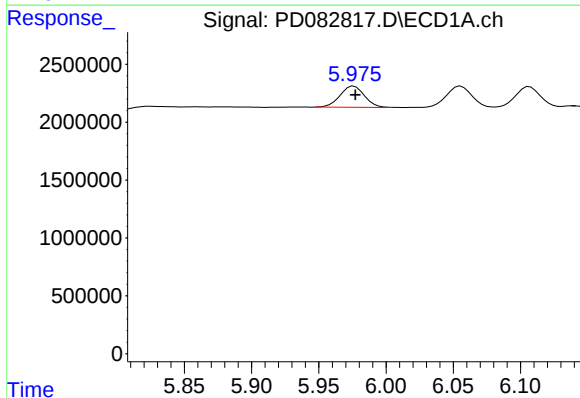
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/17/2024
Supervised By :Ankita Jodhani 05/17/2024



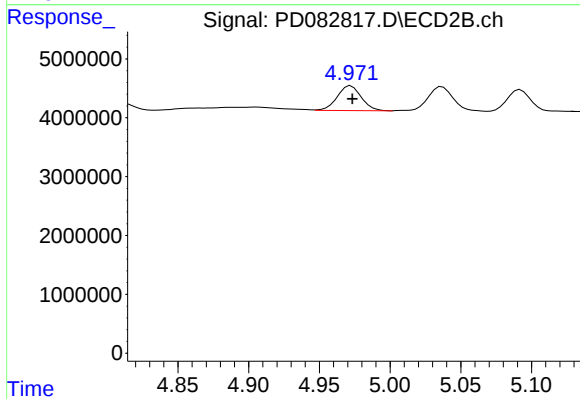
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 4216152
Conc: 0.91 ng/ml



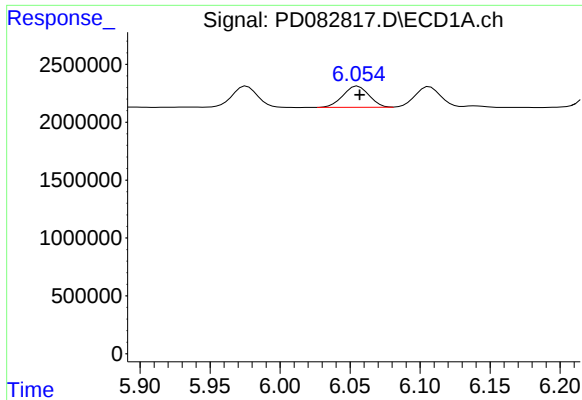
#10 gamma-Chlordane

R.T.: 5.975 min
Delta R.T.: -0.003 min
Response: 2298170
Conc: 1.01 ng/ml m



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: -0.001 min
Response: 5008456
Conc: 1.00 ng/ml



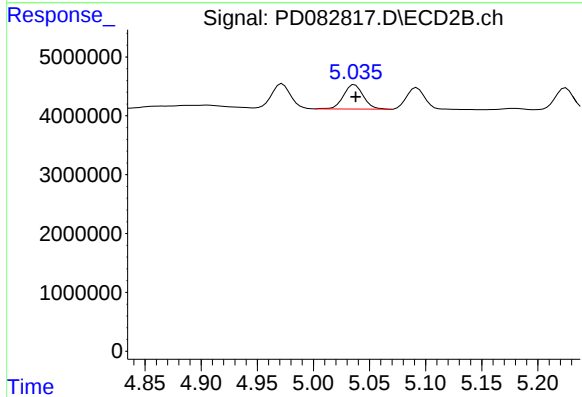
#11 alpha-Chlordane

R.T.: 6.054 min
Delta R.T.: -0.003 min
Response: 2361571
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2024

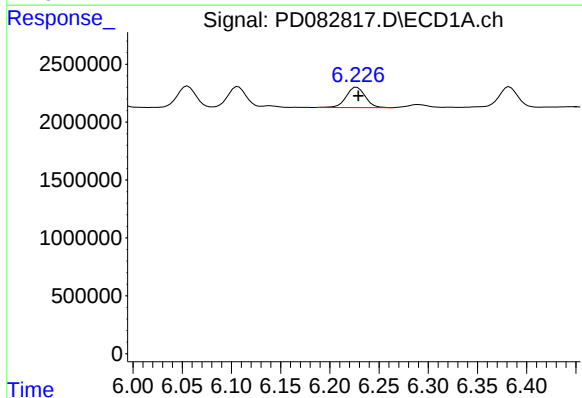
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/17/2024
Supervised By :Ankita Jodhani 05/17/2024



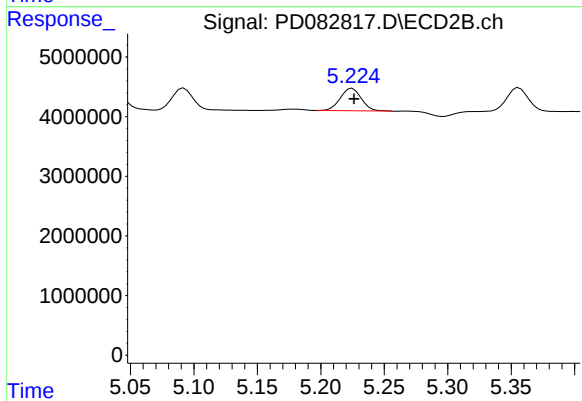
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: -0.001 min
Response: 5065784
Conc: 1.02 ng/ml



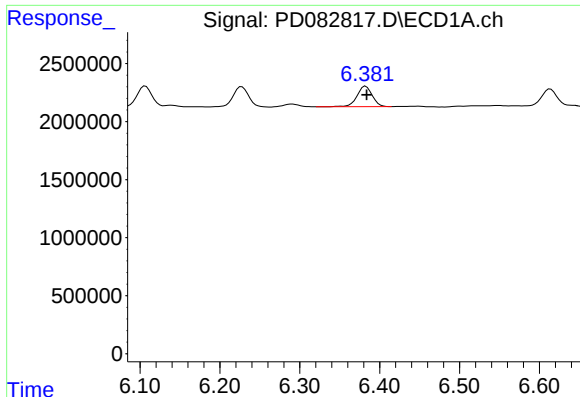
#12 4,4'-DDE

R.T.: 6.227 min
Delta R.T.: -0.002 min
Response: 2351254
Conc: 1.07 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: -0.003 min
Response: 4328578
Conc: 0.93 ng/ml m



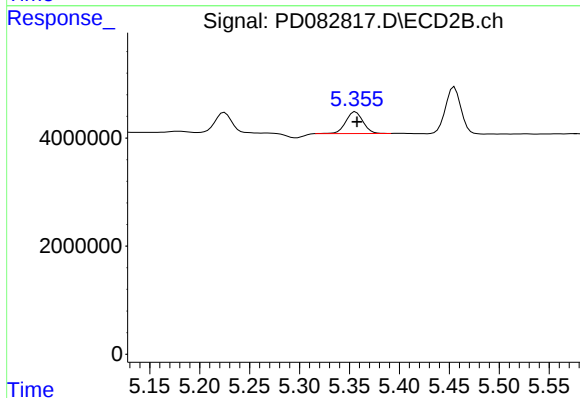
#13 Dieldrin

R.T.: 6.382 min
Delta R.T.: -0.001 min
Response: 2316954
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2024

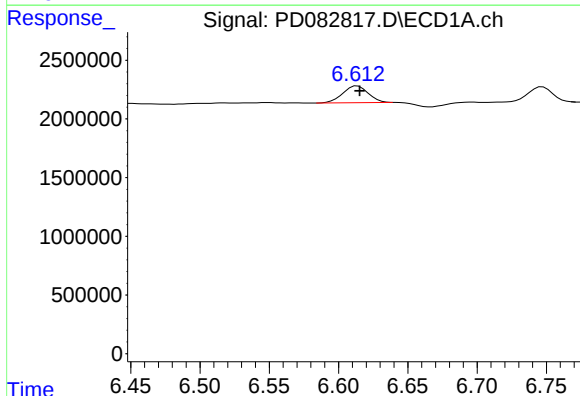
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/17/2024
Supervised By :Ankita Jodhani 05/17/2024



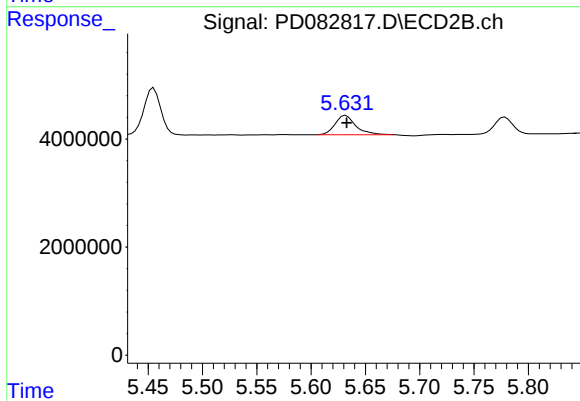
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.001 min
Response: 4862498
Conc: 0.97 ng/ml



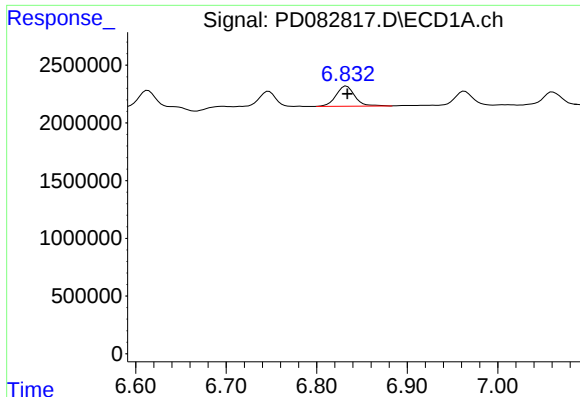
#14 Endrin

R.T.: 6.612 min
Delta R.T.: -0.003 min
Response: 1834205
Conc: 0.97 ng/ml m



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.002 min
Response: 4776228
Conc: 1.09 ng/ml m



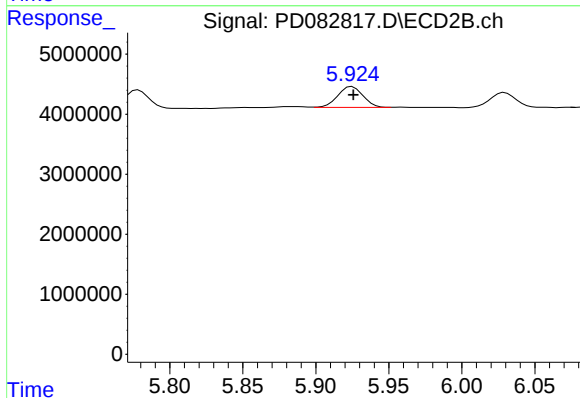
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: -0.002 min
Response: 2517254
Conc: 1.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2024

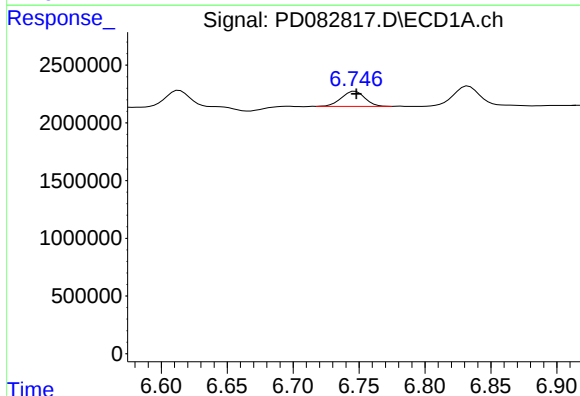
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/17/2024
Supervised By :Ankita Jodhani 05/17/2024



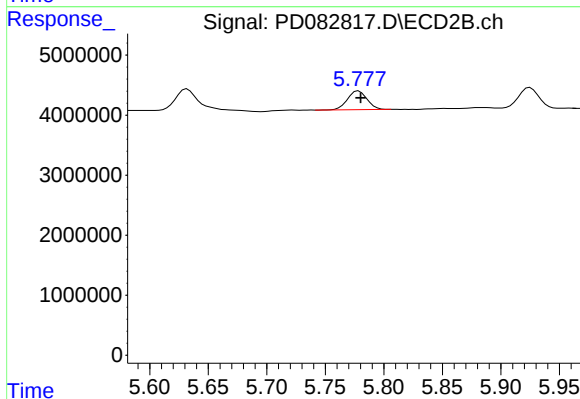
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 4175809
Conc: 1.00 ng/ml



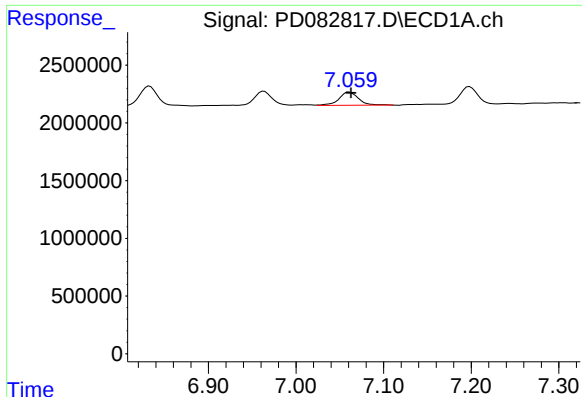
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: -0.002 min
Response: 1618006
Conc: 1.01 ng/ml m



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 3628792
Conc: 0.96 ng/ml



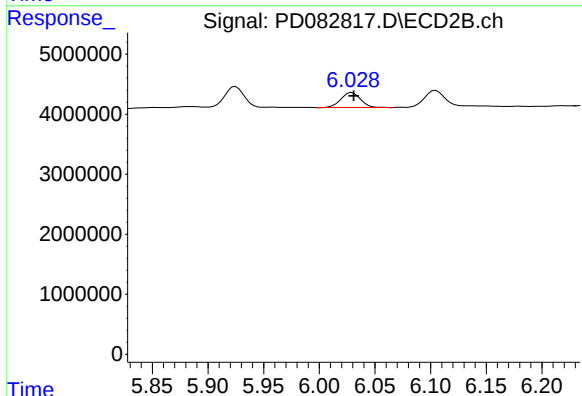
#17 4,4'-DDT

R.T.: 7.061 min
Delta R.T.: -0.002 min
Response: 1776408
Conc: 1.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2024

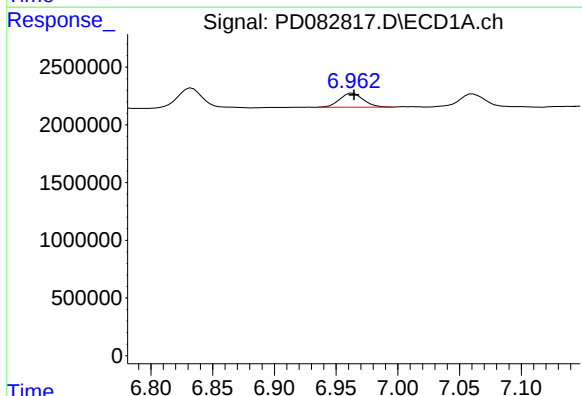
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/17/2024
Supervised By :Ankita Jodhani 05/17/2024



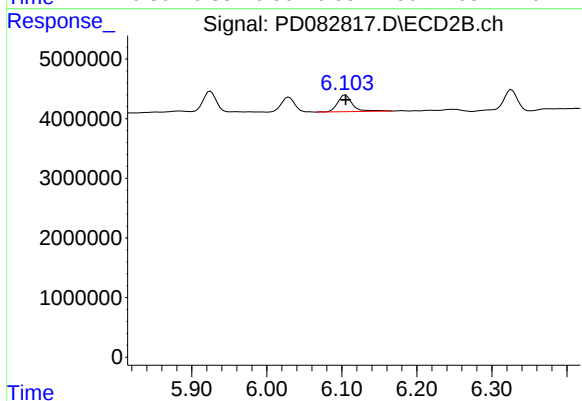
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.001 min
Response: 3081479
Conc: 0.80 ng/ml



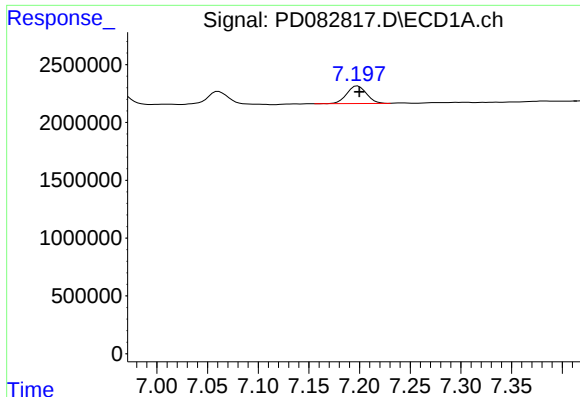
#18 Endrin aldehyde

R.T.: 6.962 min
Delta R.T.: -0.003 min
Response: 1608728
Conc: 1.15 ng/ml m



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 3834954
Conc: 1.23 ng/ml



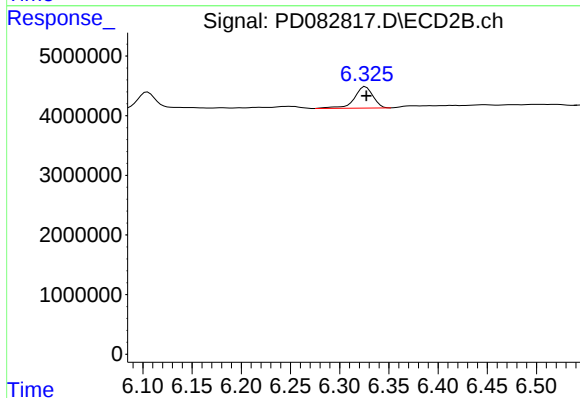
#19 Endosulfan Sulfate

R.T.: 7.198 min
Delta R.T.: -0.002 min
Response: 2043552
Conc: 1.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2024

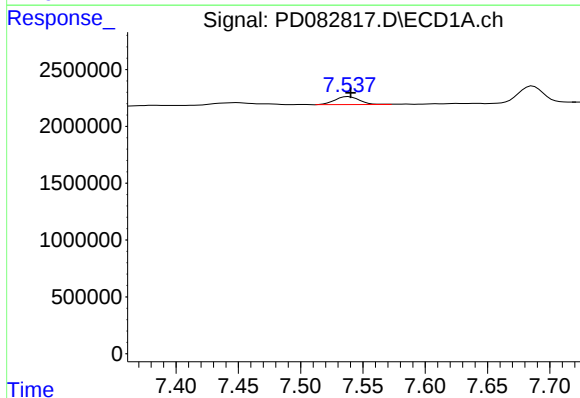
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/17/2024
Supervised By :Ankita Jodhani 05/17/2024



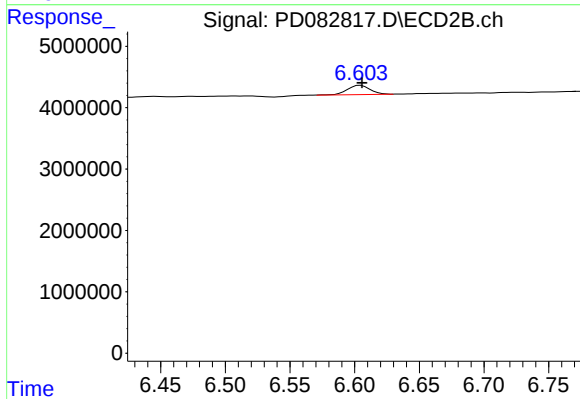
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: -0.001 min
Response: 4737795
Conc: 1.19 ng/ml



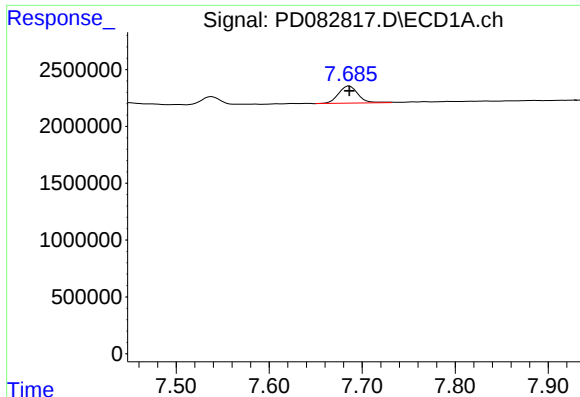
#20 Methoxychlor

R.T.: 7.539 min
Delta R.T.: -0.002 min
Response: 970792
Conc: 1.06 ng/ml



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: -0.001 min
Response: 1840156
Conc: 0.91 ng/ml



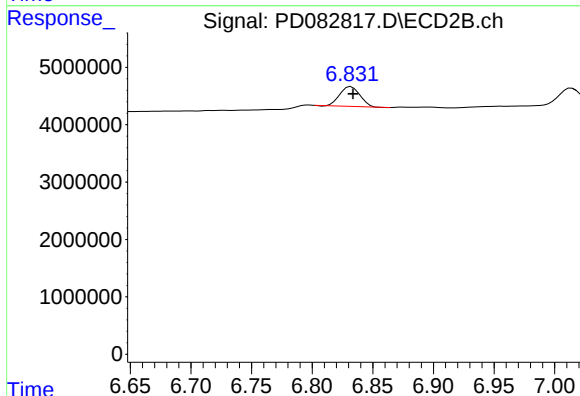
#21 Endrin ketone

R.T.: 7.686 min
Delta R.T.: 0.000 min
Response: 2206652
Conc: 1.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2024

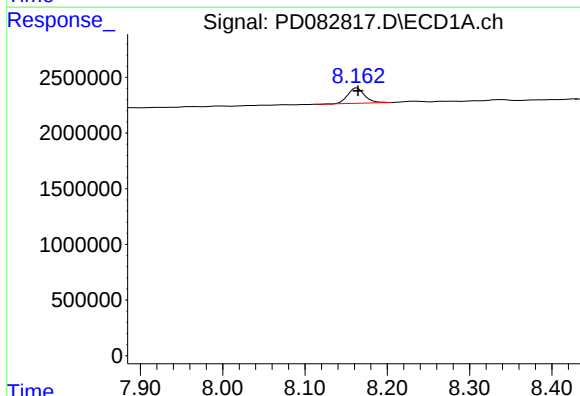
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/17/2024
Supervised By :Ankita Jodhani 05/17/2024



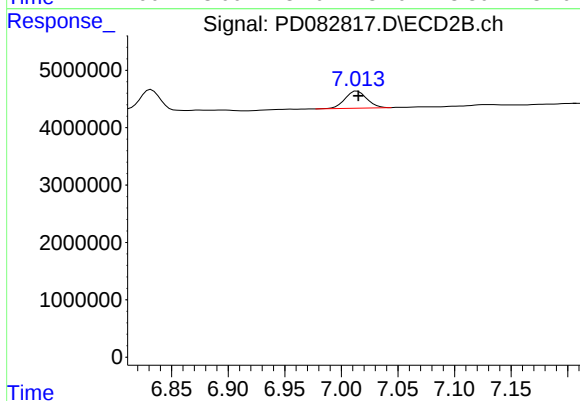
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.002 min
Response: 3947991
Conc: 0.87 ng/ml



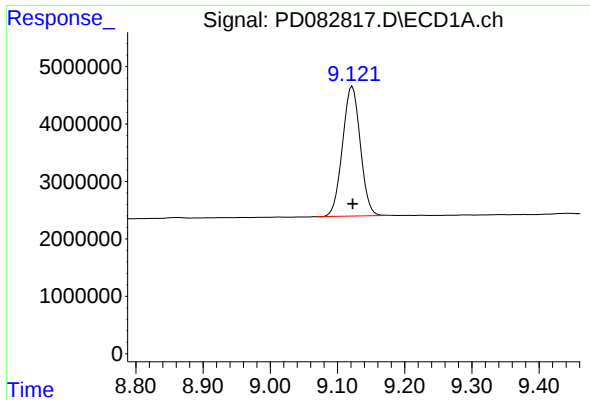
#22 Mirex

R.T.: 8.163 min
Delta R.T.: -0.001 min
Response: 1942080
Conc: 1.27 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: -0.001 min
Response: 3989893
Conc: 1.12 ng/ml



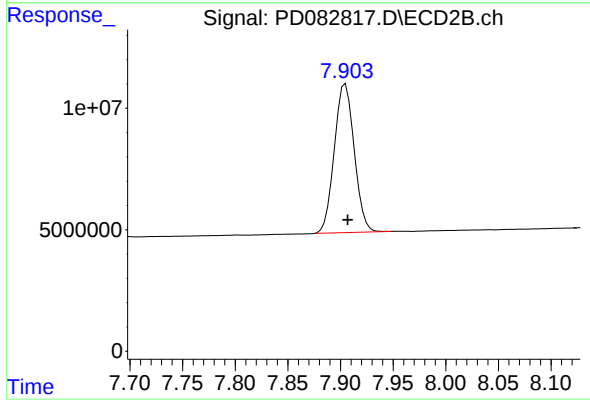
#28 Decachlorobiphenyl

R.T.: 9.122 min
Delta R.T.: 0.000 min
Response: 41499027
Conc: 20.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2024

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/17/2024
Supervised By :Ankita Jodhani 05/17/2024



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: -0.002 min
Response: 80533214
Conc: 20.83 ng/ml