

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111124\
 Data File : PD086519.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2024 14:04
 Operator : AR\AJ
 Sample : P4368-07
 Misc : PEST LOD 2.5PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/12/2024
 Supervised By :Ankita Jodhani 11/12/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 01:41:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD103024.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 31 11:38:14 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...	3.560	2.887	28150791	211.2E6	19.272	21.361
28)	SA Decachlor...	9.098	8.095	40892807	251.2E6	21.330	23.447
Target Compounds							
2)	A alpha-BHC	4.010	3.401	6202817	45741209	2.165	3.014 #
3)	MA gamma-BHC...	4.342	3.739	6263612	43245879	2.186	2.958 #
4)	MA Heptachlor	4.943	4.095	7096623	45306607	2.595	3.216
5)	MB Aldrin	5.284	4.381	6171717	42947343	2.246m	2.946m#
6)	B beta-BHC	4.525	4.035	3158441	22323867	2.763	3.501 #
7)	B delta-BHC	4.774	4.271	8336779	43351572	2.821	2.916m
8)	B Heptachlo...	5.703	4.886	7041876	42166069	2.859m	3.199m
9)	A Endosulfan I	6.088	5.260	5810744	35043114	2.531m	2.821m
10)	B gamma-Chl...	5.958	5.140	6039775	43555637	2.509m	3.200m#
11)	B alpha-Chl...	6.041	5.204	5601473	43511219	2.314m	3.252m#
12)	B 4,4'-DDE	6.209	5.390	5293997	39621799	2.368m	3.028m#
13)	MA Dieldrin	6.362	5.527	6062168	41910197	2.436	3.074m#
14)	MA Endrin	6.588	5.804	5279364	43068107	2.449m	3.510m#
15)	B Endosulfa...	6.799	6.097	5731317	39981990	2.652m	3.330 #
16)	A 4,4'-DDD	6.718	5.946	4291609	33723150	2.375m	3.062 #
17)	MA 4,4'-DDT	7.037	6.202	4013257	35453215	2.192	3.057 #
18)	B Endrin al...	6.930	6.275	4540523	31940809	2.746	3.407
19)	B Endosulfa...	7.164	6.499	5139666	39705044	2.558	3.430 #
20)	A Methoxychlor	7.510	6.774	2854069	21837265	2.639	3.456 #
21)	B Endrin ke...	7.645	7.007	5724610	38522049	2.523	3.029m
22)	Mirex	8.131	7.205	4615629	36494333	2.788	3.513 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111124\
Data File : PD086519.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2024 14:04
Operator : AR\AJ
Sample : P4368-07
Misc : PEST LOD 2.5PPB
ALS Vial : 10 Sample Multiplier: 1

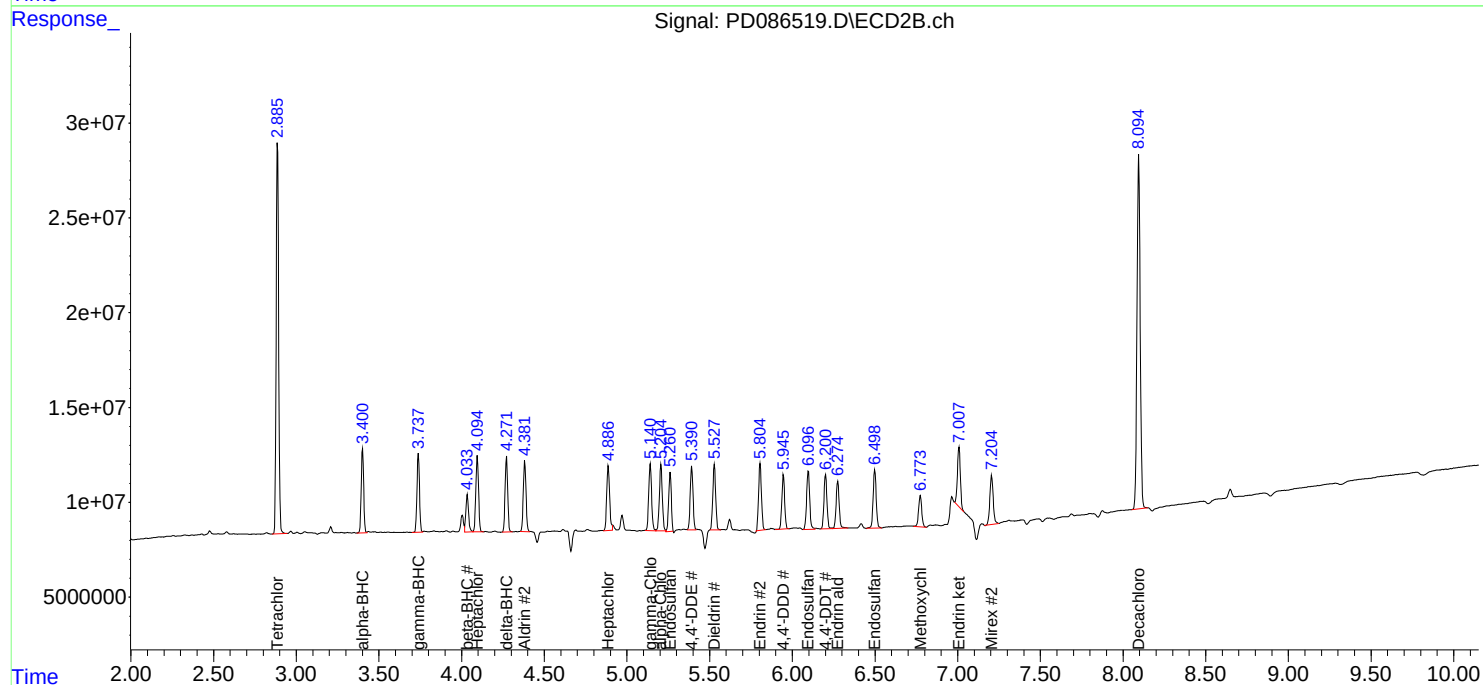
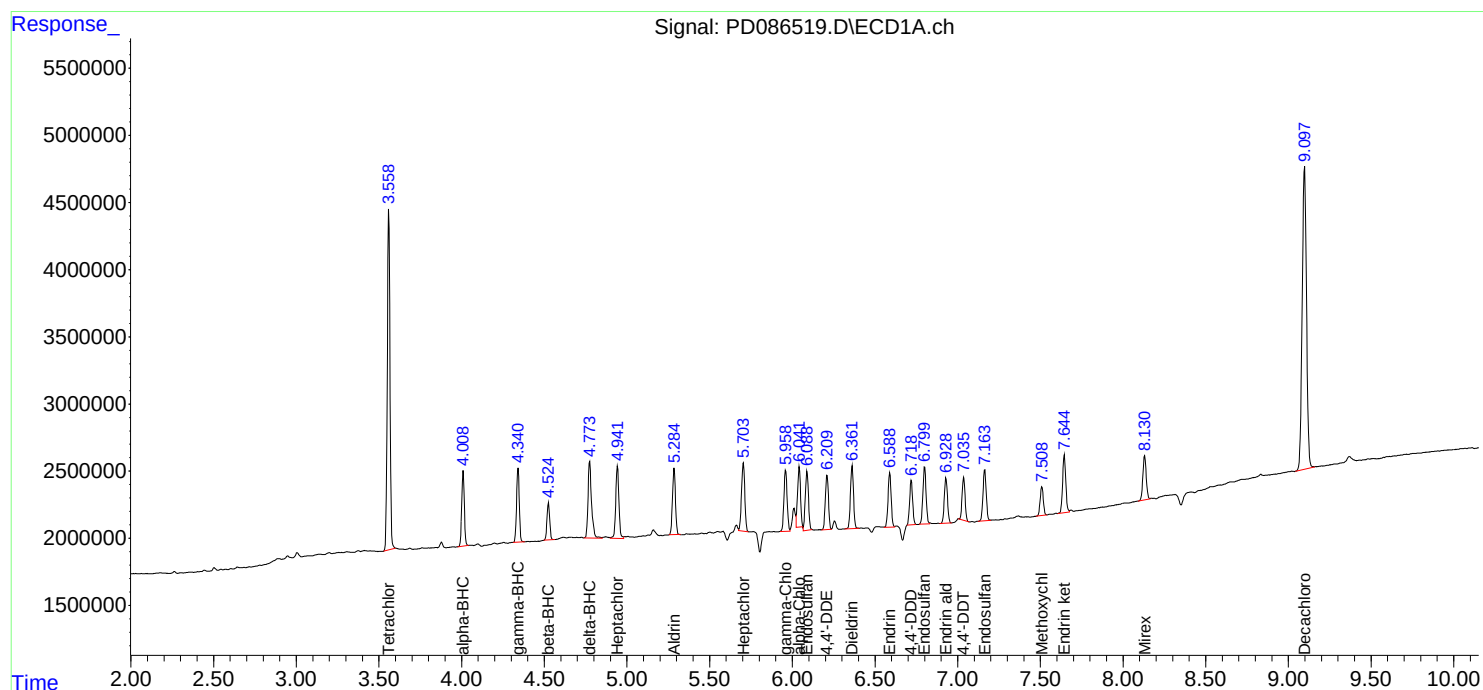
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

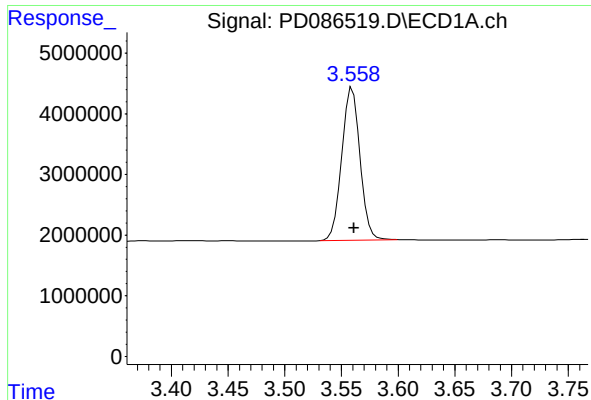
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 11/12/2024
Supervised By : Ankita Jodhani 11/12/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 01:41:55 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD103024.M
Quant Title : GC Extractables
QLast Update : Thu Oct 31 11:38:14 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





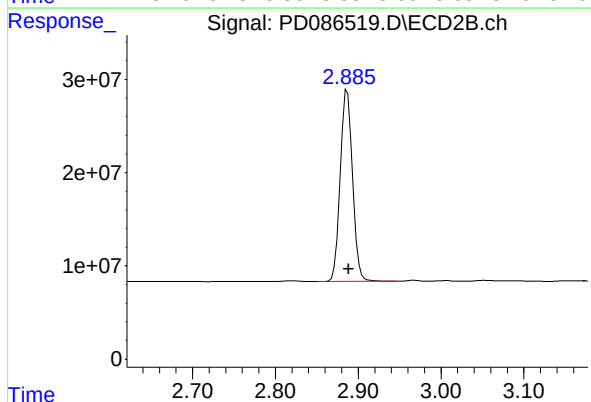
#1 Tetrachloro-m-xylene

R.T.: 3.560 min
Delta R.T.: -0.001 min
Response: 28150791
Conc: 19.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

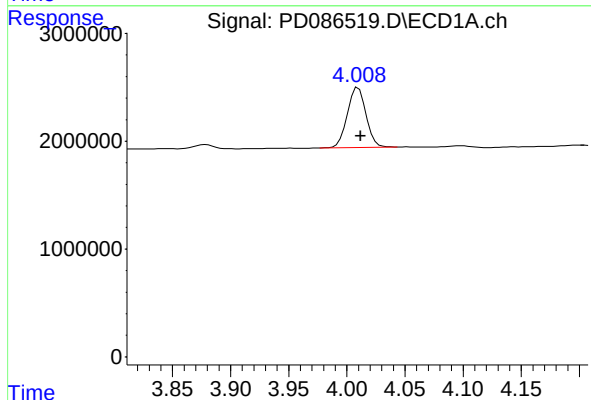
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/12/2024
Supervised By :Ankita Jodhani 11/12/2024



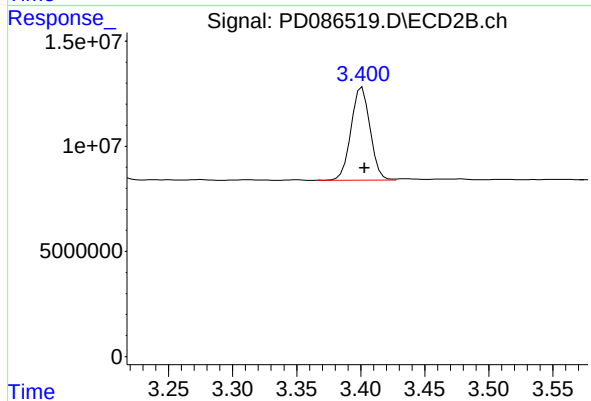
#1 Tetrachloro-m-xylene

R.T.: 2.887 min
Delta R.T.: -0.002 min
Response: 211243893
Conc: 21.36 ng/ml



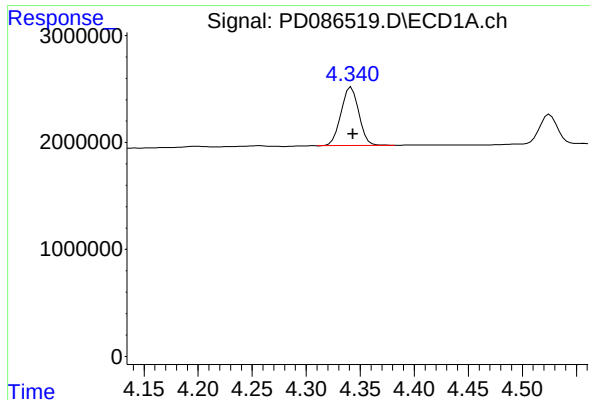
#2 alpha-BHC

R.T.: 4.010 min
Delta R.T.: -0.002 min
Response: 6202817
Conc: 2.16 ng/ml



#2 alpha-BHC

R.T.: 3.401 min
Delta R.T.: -0.002 min
Response: 45741209
Conc: 3.01 ng/ml



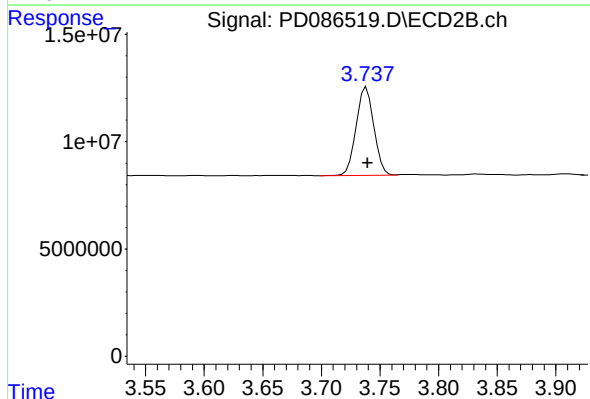
#3 gamma-BHC (Lindane)

R.T.: 4.342 min
Delta R.T.: -0.002 min
Response: 6263612
Conc: 2.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

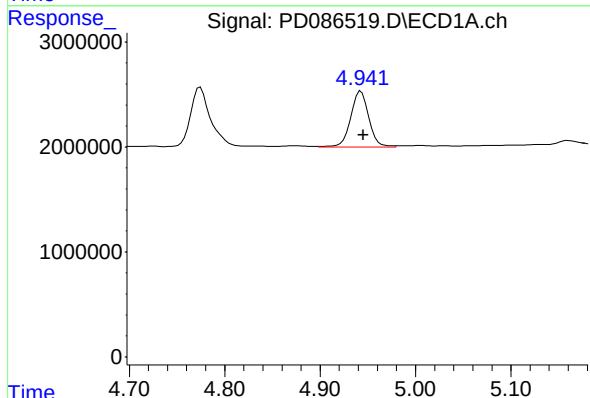
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/12/2024
Supervised By :Ankita Jodhani 11/12/2024



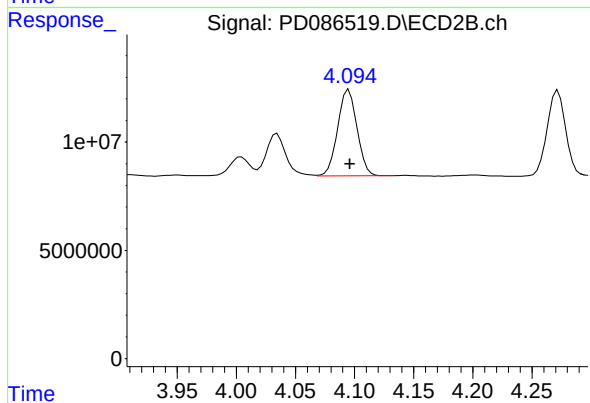
#3 gamma-BHC (Lindane)

R.T.: 3.739 min
Delta R.T.: -0.001 min
Response: 43245879
Conc: 2.96 ng/ml



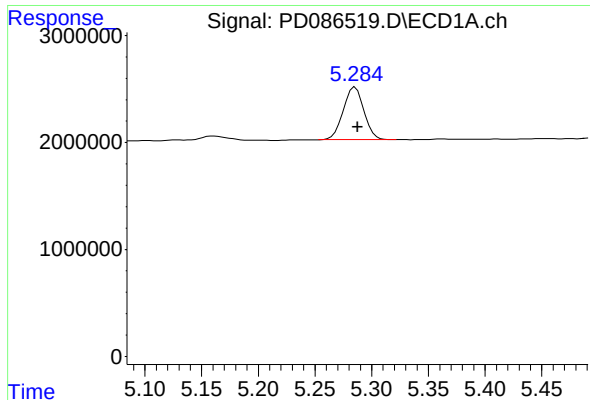
#4 Heptachlor

R.T.: 4.943 min
Delta R.T.: -0.002 min
Response: 7096623
Conc: 2.59 ng/ml



#4 Heptachlor

R.T.: 4.095 min
Delta R.T.: 0.000 min
Response: 45306607
Conc: 3.22 ng/ml



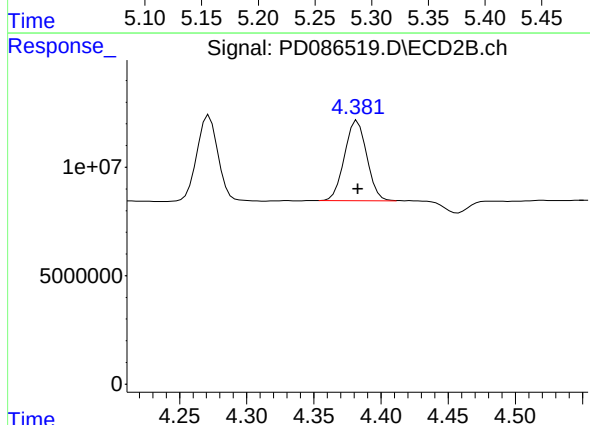
#5 Aldrin

R.T.: 5.284 min
Delta R.T.: -0.003 min
Response: 6171717
Conc: 2.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

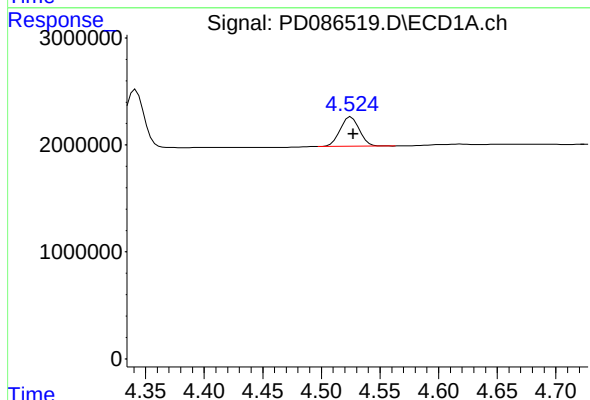
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/12/2024
Supervised By :Ankita Jodhani 11/12/2024



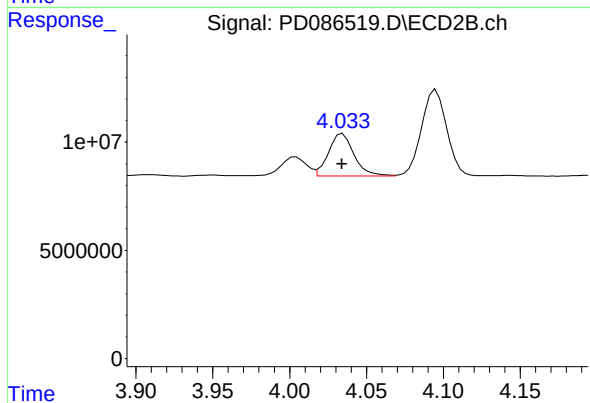
#5 Aldrin

R.T.: 4.381 min
Delta R.T.: -0.002 min
Response: 42947343
Conc: 2.95 ng/ml m



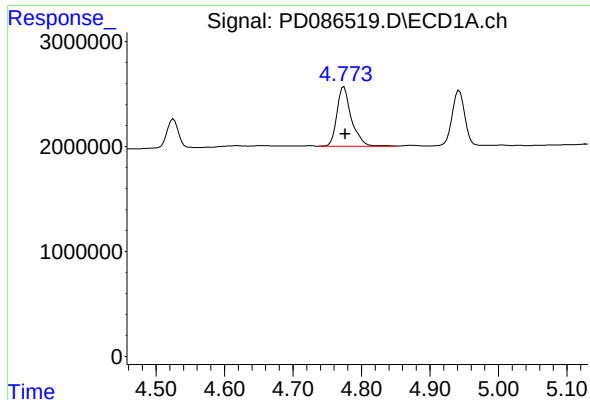
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: -0.002 min
Response: 3158441
Conc: 2.76 ng/ml



#6 beta-BHC

R.T.: 4.035 min
Delta R.T.: 0.000 min
Response: 22323867
Conc: 3.50 ng/ml



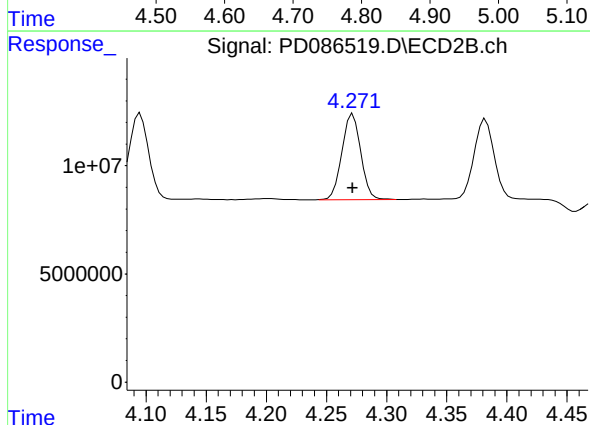
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: -0.002 min
Response: 8336779
Conc: 2.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

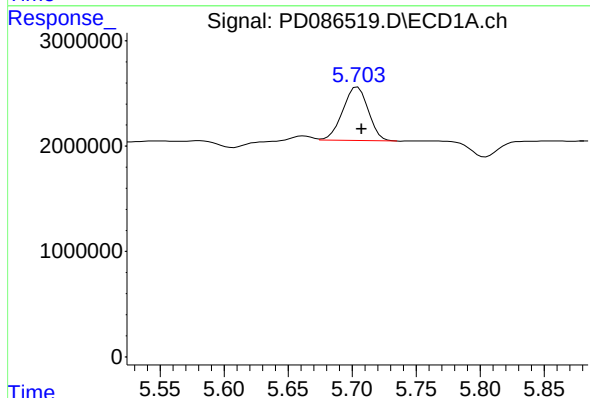
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/12/2024
Supervised By :Ankita Jodhani 11/12/2024



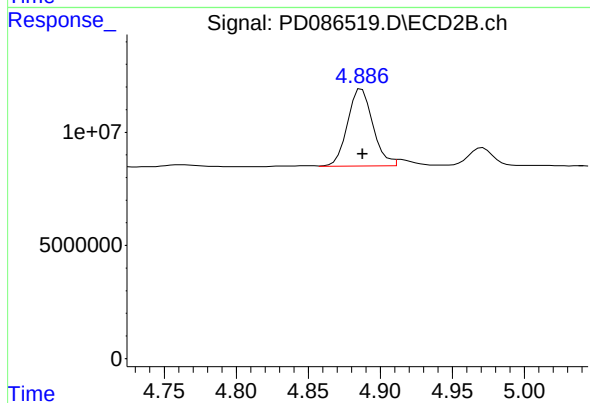
#7 delta-BHC

R.T.: 4.271 min
Delta R.T.: -0.001 min
Response: 43351572
Conc: 2.92 ng/ml m



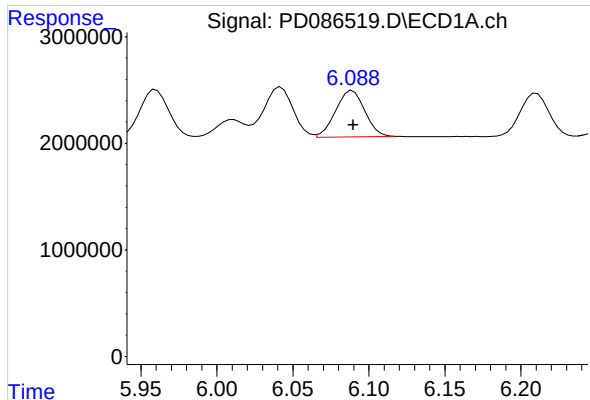
#8 Heptachlor epoxide

R.T.: 5.703 min
Delta R.T.: -0.005 min
Response: 7041876
Conc: 2.86 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.886 min
Delta R.T.: -0.002 min
Response: 42166069
Conc: 3.20 ng/ml m



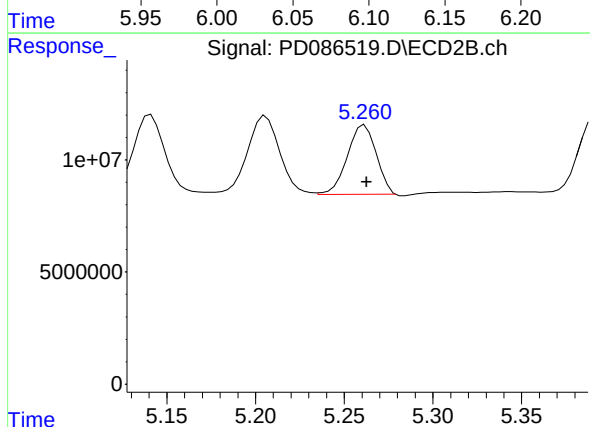
#9 Endosulfan I

R.T.: 6.088 min
Delta R.T.: -0.002 min
Response: 5810744
Conc: 2.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

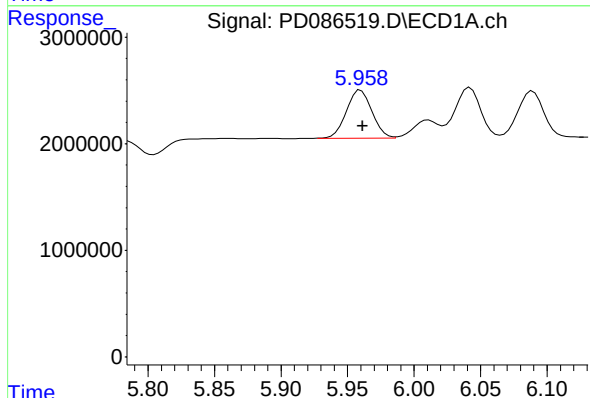
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/12/2024
Supervised By :Ankita Jodhani 11/12/2024



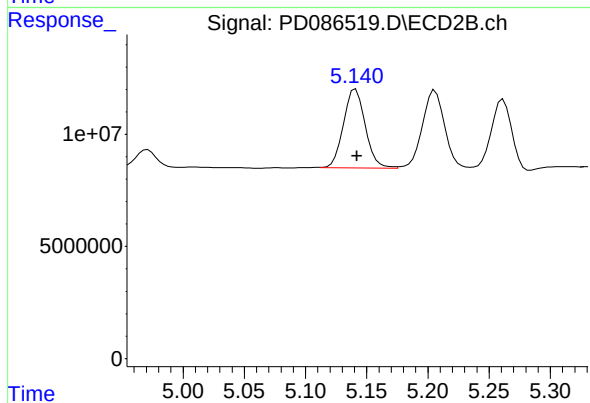
#9 Endosulfan I

R.T.: 5.260 min
Delta R.T.: -0.003 min
Response: 35043114
Conc: 2.82 ng/ml m



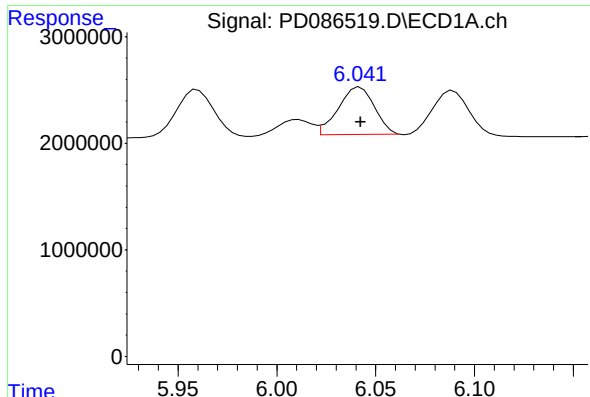
#10 gamma-Chlordane

R.T.: 5.958 min
Delta R.T.: -0.003 min
Response: 6039775
Conc: 2.51 ng/ml m



#10 gamma-Chlordane

R.T.: 5.140 min
Delta R.T.: -0.002 min
Response: 43555637
Conc: 3.20 ng/ml m



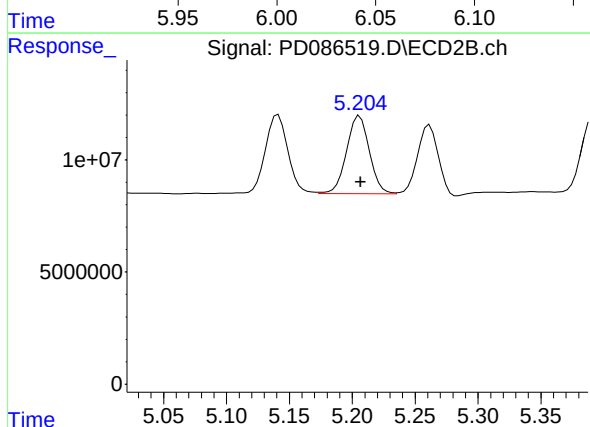
#11 alpha-Chlordane

R.T.: 6.041 min
Delta R.T.: -0.002 min
Response: 5601473
Conc: 2.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

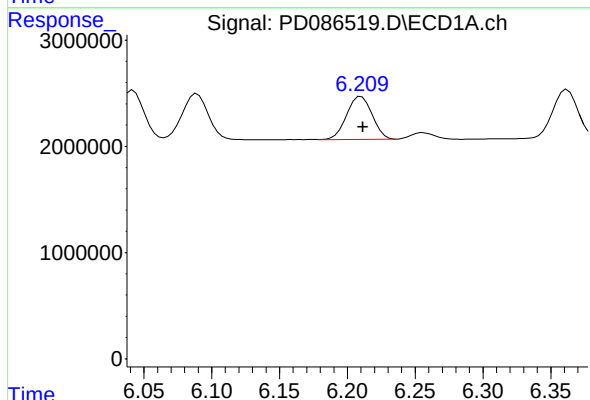
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/12/2024
Supervised By :Ankita Jodhani 11/12/2024



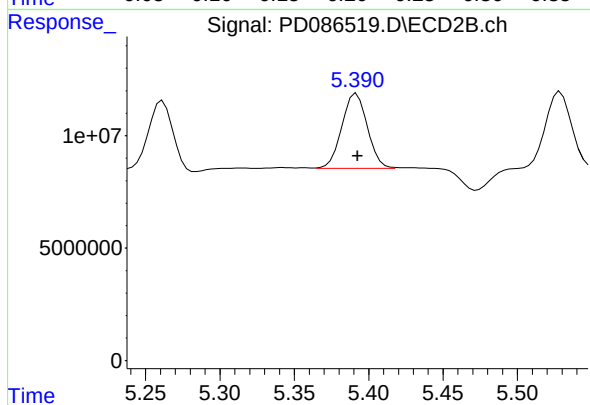
#11 alpha-Chlordane

R.T.: 5.204 min
Delta R.T.: -0.002 min
Response: 43511219
Conc: 3.25 ng/ml



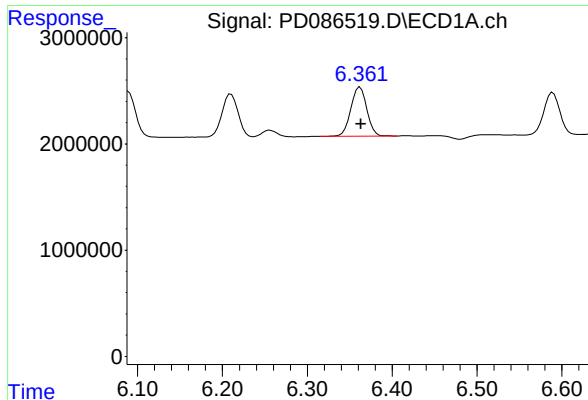
#12 4,4'-DDE

R.T.: 6.209 min
Delta R.T.: -0.003 min
Response: 5293997
Conc: 2.37 ng/ml



#12 4,4'-DDE

R.T.: 5.390 min
Delta R.T.: -0.002 min
Response: 39621799
Conc: 3.03 ng/ml



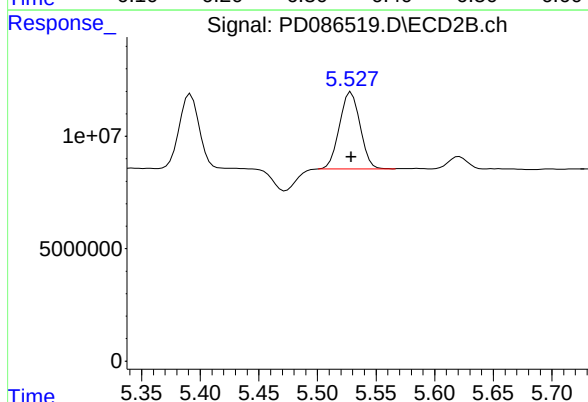
#13 Dieldrin

R.T.: 6.362 min
Delta R.T.: -0.001 min
Response: 6062168
Conc: 2.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

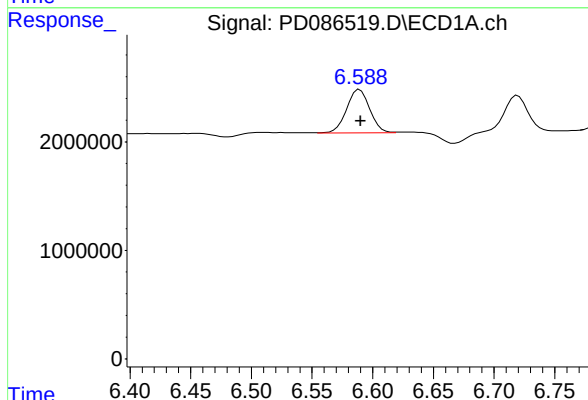
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/12/2024
Supervised By :Ankita Jodhani 11/12/2024



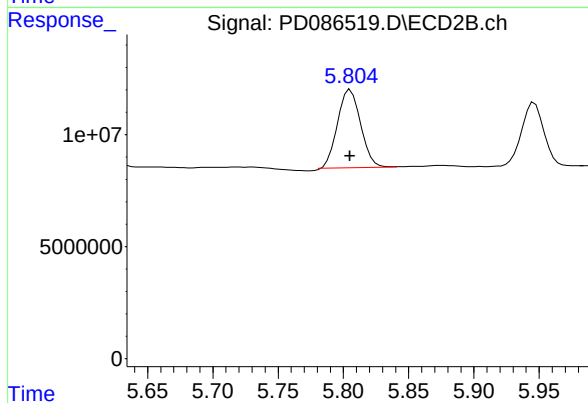
#13 Dieldrin

R.T.: 5.527 min
Delta R.T.: -0.002 min
Response: 41910197
Conc: 3.07 ng/ml



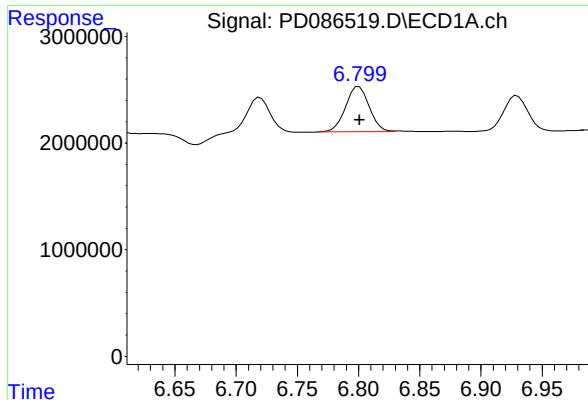
#14 Endrin

R.T.: 6.588 min
Delta R.T.: -0.002 min
Response: 5279364
Conc: 2.45 ng/ml



#14 Endrin

R.T.: 5.804 min
Delta R.T.: -0.001 min
Response: 43068107
Conc: 3.51 ng/ml



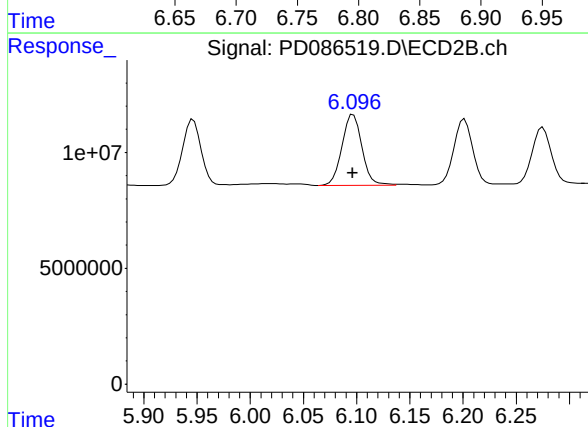
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: -0.002 min
Response: 5731317
Conc: 2.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

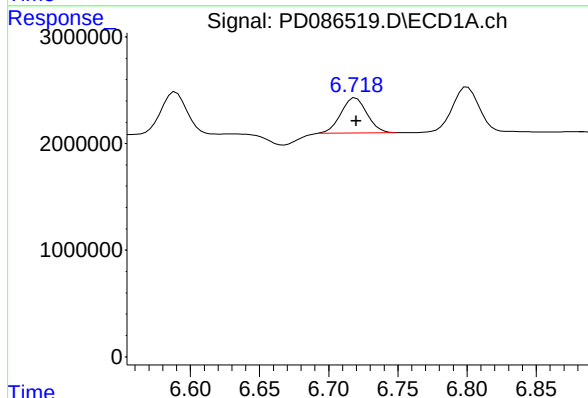
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/12/2024
Supervised By :Ankita Jodhani 11/12/2024



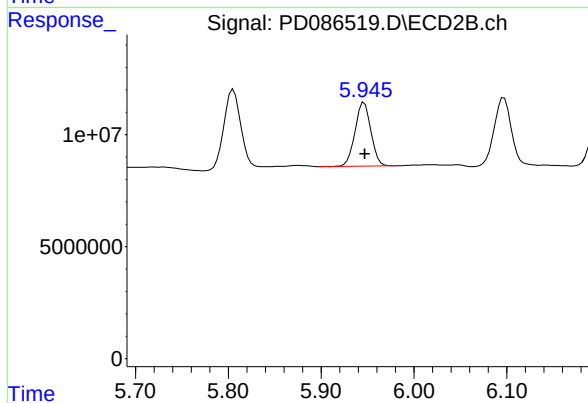
#15 Endosulfan II

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 39981990
Conc: 3.33 ng/ml



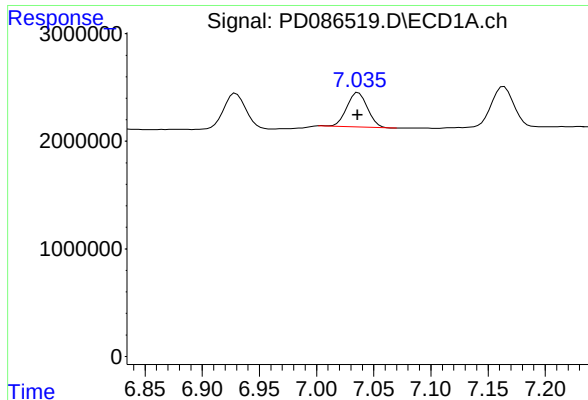
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: -0.002 min
Response: 4291609
Conc: 2.38 ng/ml m



#16 4,4'-DDD

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 33723150
Conc: 3.06 ng/ml



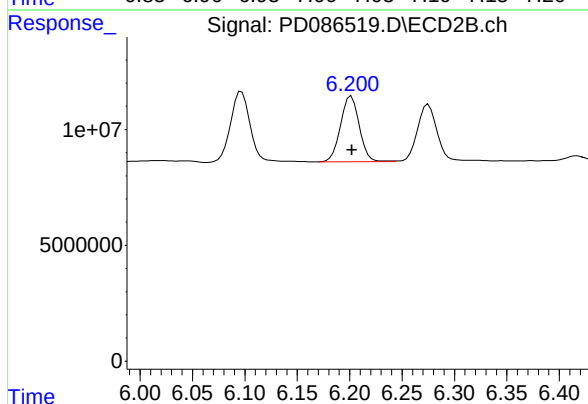
#17 4,4'-DDT

R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 4013257
Conc: 2.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

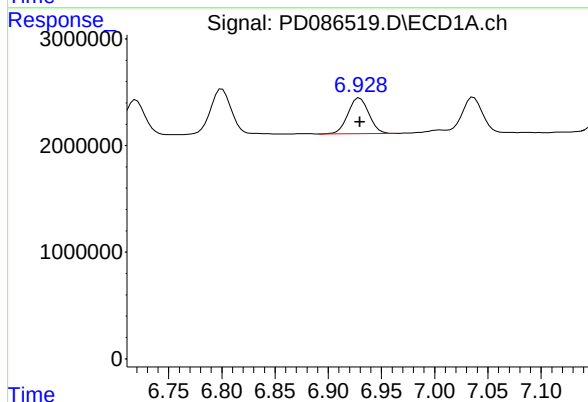
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/12/2024
Supervised By :Ankita Jodhani 11/12/2024



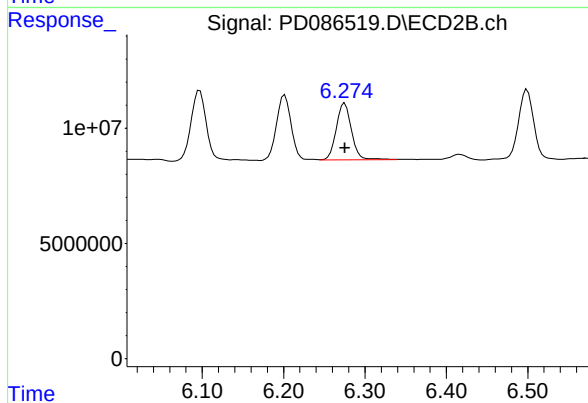
#17 4,4'-DDT

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 35453215
Conc: 3.06 ng/ml



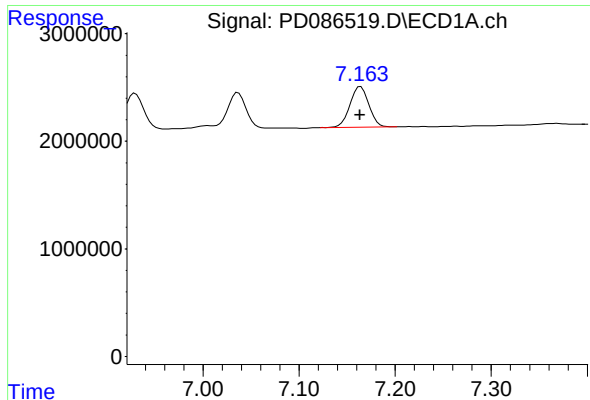
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 4540523
Conc: 2.75 ng/ml



#18 Endrin aldehyde

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 31940809
Conc: 3.41 ng/ml



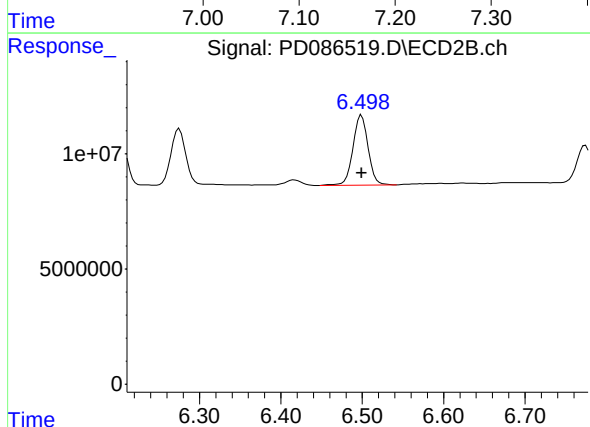
#19 Endosulfan Sulfate

R.T.: 7.164 min
Delta R.T.: 0.000 min
Response: 5139666
Conc: 2.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

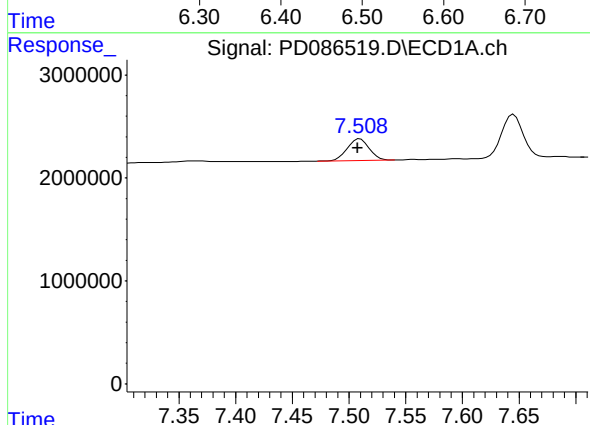
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/12/2024
Supervised By :Ankita Jodhani 11/12/2024



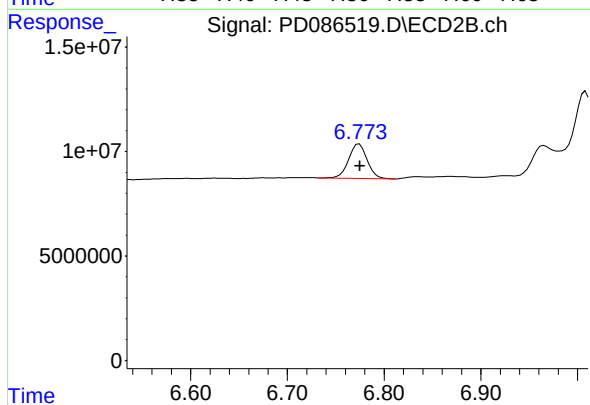
#19 Endosulfan Sulfate

R.T.: 6.499 min
Delta R.T.: 0.000 min
Response: 39705044
Conc: 3.43 ng/ml



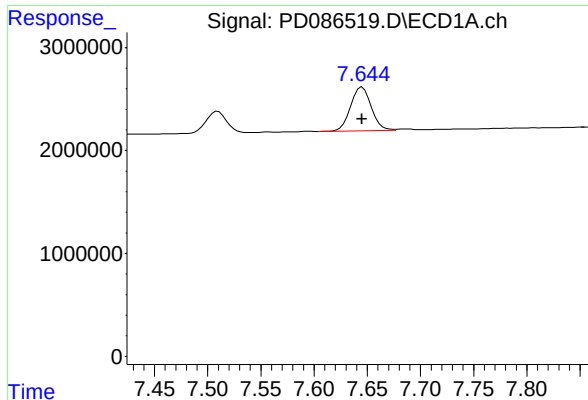
#20 Methoxychlor

R.T.: 7.510 min
Delta R.T.: 0.002 min
Response: 2854069
Conc: 2.64 ng/ml



#20 Methoxychlor

R.T.: 6.774 min
Delta R.T.: -0.001 min
Response: 21837265
Conc: 3.46 ng/ml



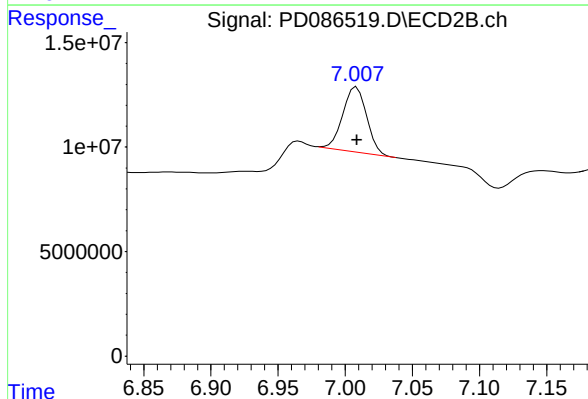
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 5724610
Conc: 2.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

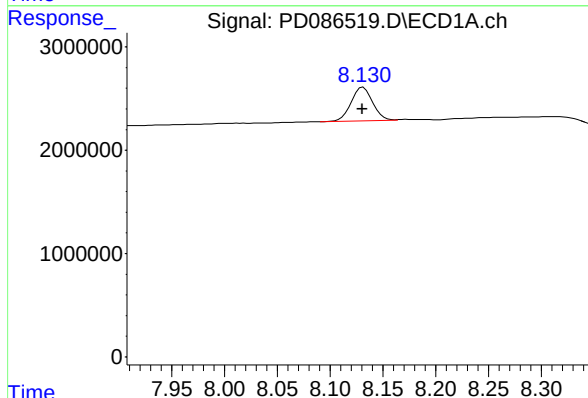
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/12/2024
Supervised By :Ankita Jodhani 11/12/2024



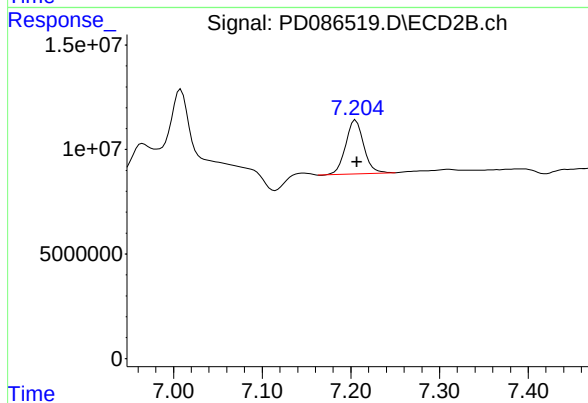
#21 Endrin ketone

R.T.: 7.007 min
Delta R.T.: -0.002 min
Response: 38522049
Conc: 3.03 ng/ml m



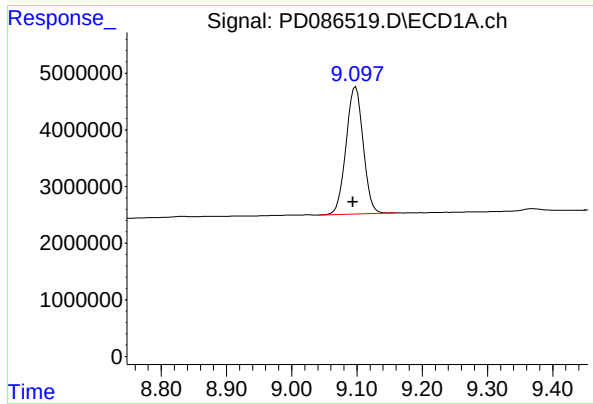
#22 Mirex

R.T.: 8.131 min
Delta R.T.: 0.000 min
Response: 4615629
Conc: 2.79 ng/ml



#22 Mirex

R.T.: 7.205 min
Delta R.T.: -0.001 min
Response: 36494333
Conc: 3.51 ng/ml



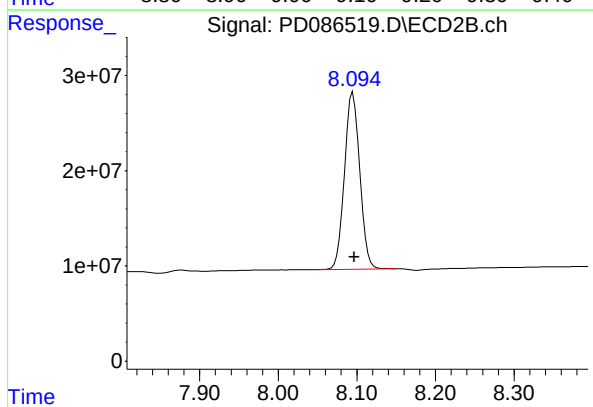
#28 Decachlorobiphenyl

R.T.: 9.098 min
Delta R.T.: 0.004 min
Response: 40892807
Conc: 21.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/12/2024
Supervised By :Ankita Jodhani 11/12/2024



#28 Decachlorobiphenyl

R.T.: 8.095 min
Delta R.T.: -0.002 min
Response: 251169499
Conc: 23.45 ng/ml