

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120723\
 Data File : PD080012.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Dec 2023 14:43
 Operator : AR\AJ
 Sample : 05659-01MSD 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SU-04-120623

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/08/2023
 Supervised By :Ankita Jodhani 12/08/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 07 20:47:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120623.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 06 14:11:45 2023
 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...	3.566	2.800	3011782	5112547	1.998m	2.034
28)	SA Decachlor...	9.113	7.943	3581155	4692404	1.769	1.665
Target Compounds							
2)	A alpha-BHC	4.023	3.303	12865377	19042462	5.122	4.980
3)	MA gamma-BHC...	4.357	3.632	11932008	18378092	5.036	5.057
4)	MA Heptachlor	4.949	3.974	13397224	18944471	5.448m	5.403
5)	MB Aldrin	5.293	4.255	12556920	19576100	5.288	5.499
6)	B beta-BHC	4.551	3.927	5965040	8450328	5.960	5.474
7)	B delta-BHC	4.800	4.158	12825378	18783889	5.237	4.988
8)	B Heptachlo...	5.720	4.756	12450683	17350676	5.652	5.291
9)	A Endosulfan I	6.106	5.126	11442931	16563867	5.565	5.486
10)	B gamma-Chl...	5.975	5.006	11851322	17316578	5.444	5.372
11)	B alpha-Chl...	6.056	5.071	11876336	17419808	5.506	5.420
12)	B 4,4'-DDE	6.226	5.259	10254594	15570132	5.114	5.165
13)	MA Dieldrin	6.382	5.391	11139126	16704120	5.105	5.101
14)	MA Endrin	6.612	5.666	9459995	15084538	5.217	5.368
15)	B Endosulfa...	6.830	5.958	10107364	14025262	5.306	5.140
16)	A 4,4'-DDD	6.743	5.813	8641130	13597965	5.158	5.281
17)	MA 4,4'-DDT	7.059	6.064	8619927	11924975	4.845	4.694
18)	B Endrin al...	6.960	6.138	7440066	10853270	5.193	5.287
19)	B Endosulfa...	7.195	6.360	10148627	14035015	5.352	5.235
20)	A Methoxychlor	7.533	6.639	5181063	7291543	5.242	4.986
21)	B Endrin ke...	7.681	6.867	10763658	15368756	5.199	4.918
22)	Mirex	8.158	7.051	8886386	12413154	5.432	5.129

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120723\
Data File : PD080012.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Dec 2023 14:43
Operator : AR\AJ
Sample : 05659-01MSD 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

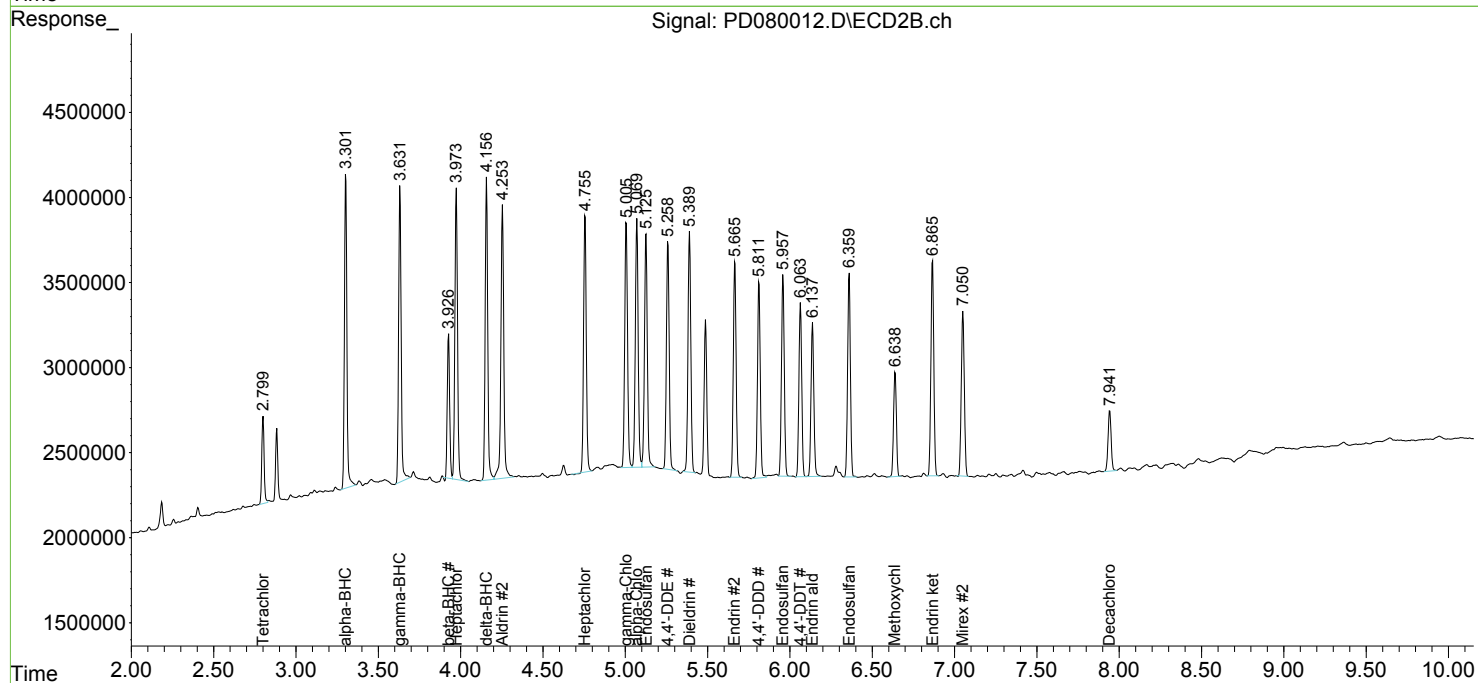
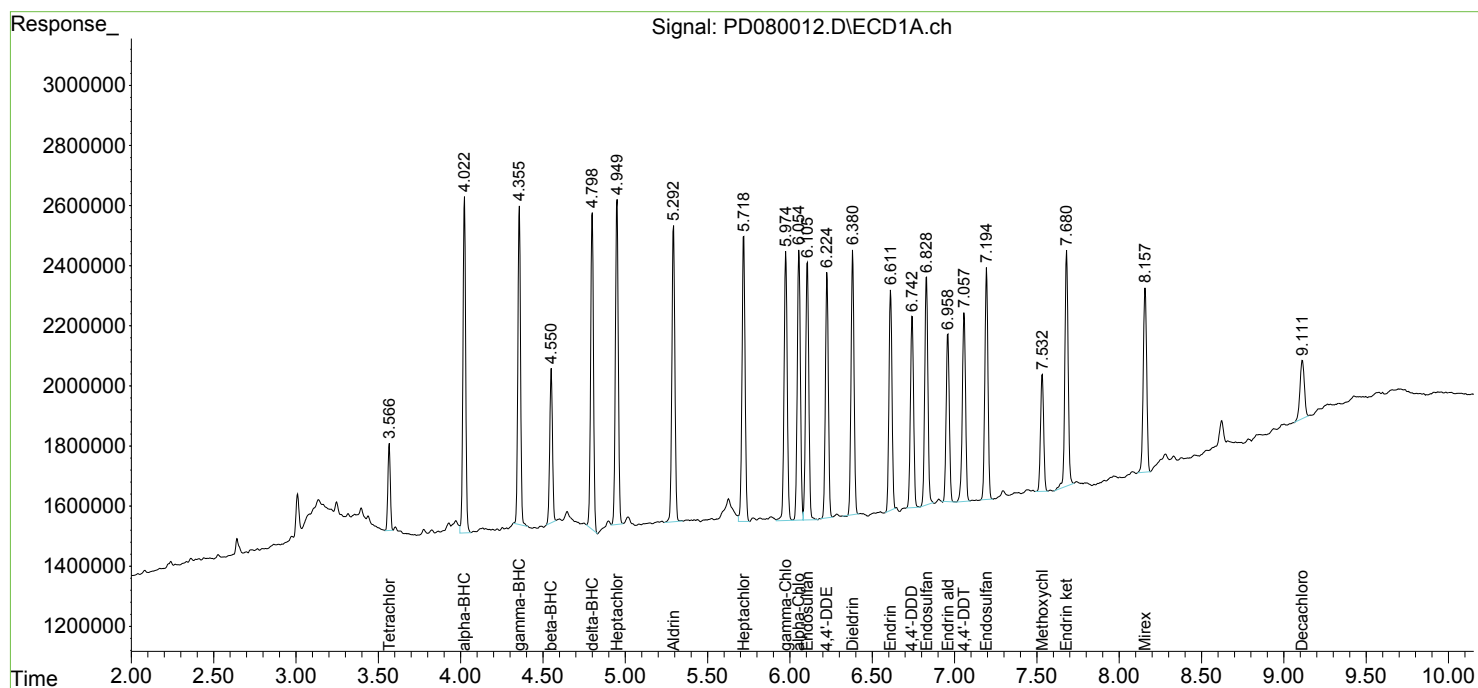
Instrument :
ECD_D
ClientSampleId :
SU-04-120623

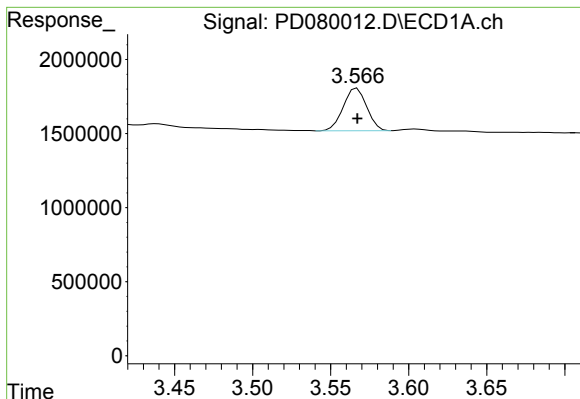
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :Ankita Jodhani 12/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 07 20:47:23 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120623.M
Quant Title : GC Extractables
QLast Update : Wed Dec 06 14:11:45 2023
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.: 3.566 min
Delta R.T.: -0.001 min
Response: 3011782
Conc: 2.00 ng/ml

Instrument :

ECD_D

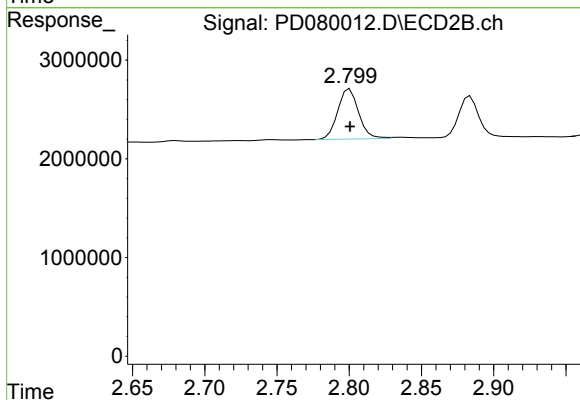
ClientSampleId :

SU-04-120623

Manual Integrations

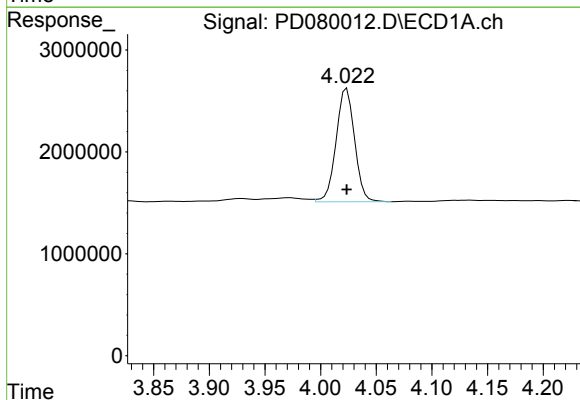
APPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :Ankita Jodhani 12/08/2023



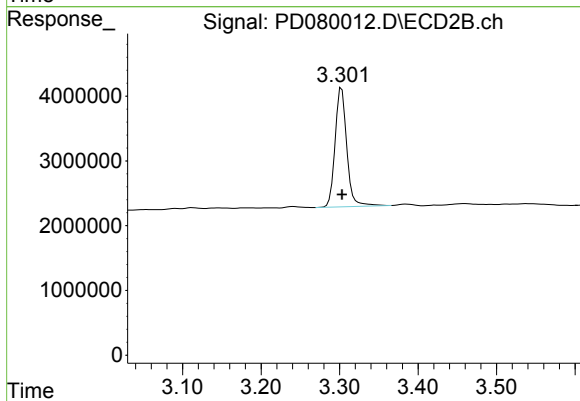
#1 Tetrachloro-m-xylene

R.T.: 2.800 min
Delta R.T.: 0.000 min
Response: 5112547
Conc: 2.03 ng/ml



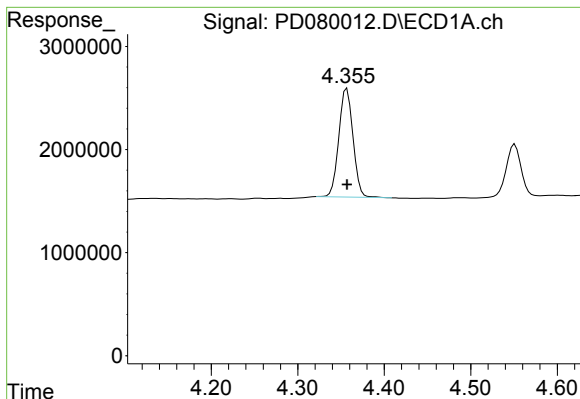
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 12865377
Conc: 5.12 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 19042462
Conc: 4.98 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 11932008
Conc: 5.04 ng/ml

Instrument :

ECD_D

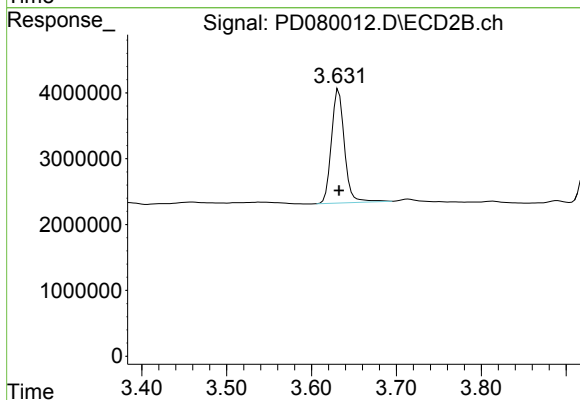
ClientSampleId :

SU-04-120623

Manual Integrations

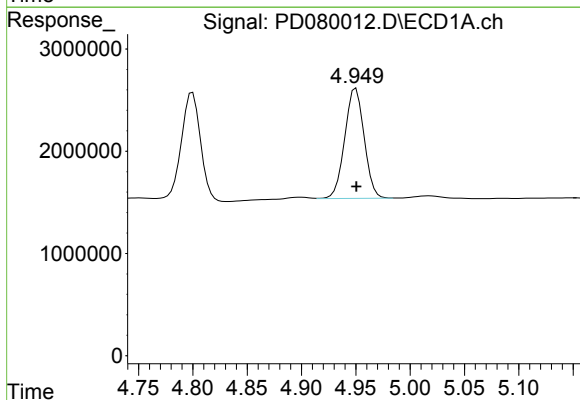
APPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :Ankita Jodhani 12/08/2023



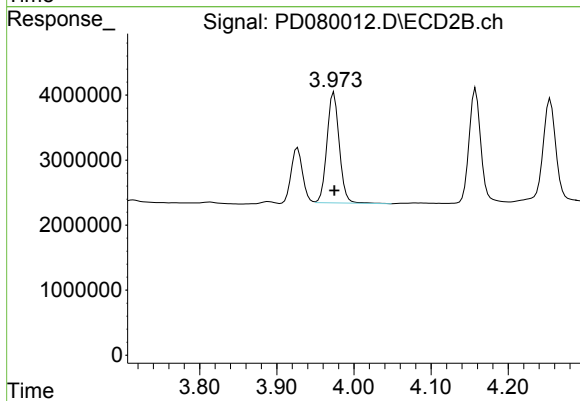
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 18378092
Conc: 5.06 ng/ml



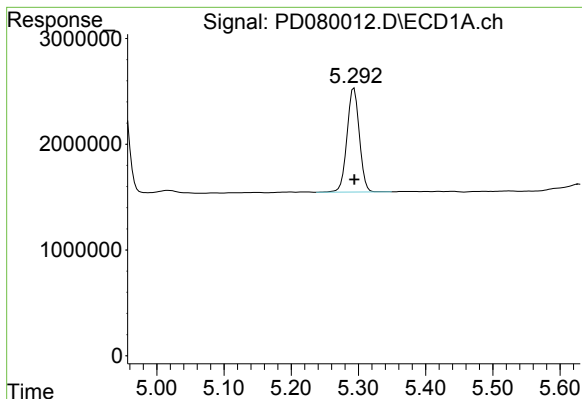
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: -0.002 min
Response: 13397224
Conc: 5.45 ng/ml m



#4 Heptachlor

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 18944471
Conc: 5.40 ng/ml



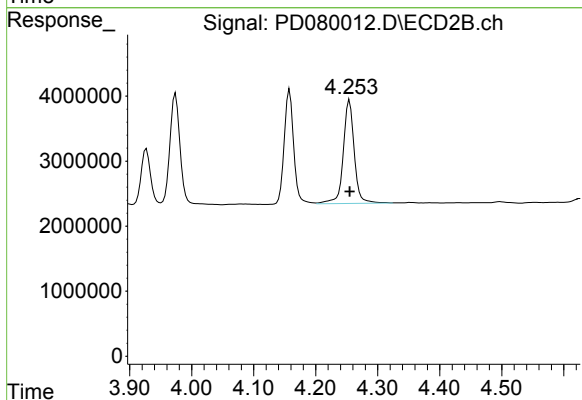
#5 Aldrin

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 12556920
Conc: 5.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
SU-04-120623

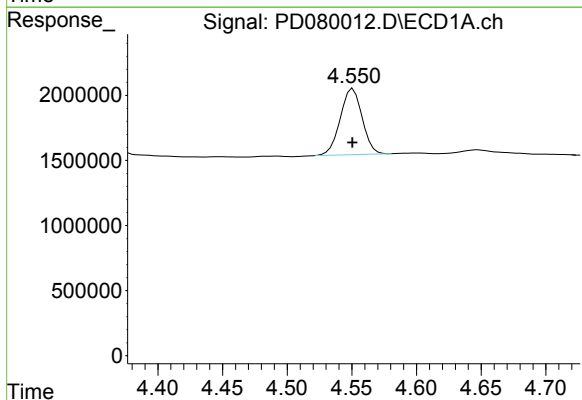
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :Ankita Jodhani 12/08/2023



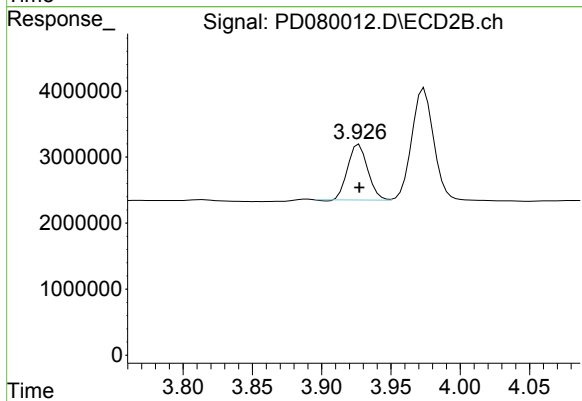
#5 Aldrin

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 19576100
Conc: 5.50 ng/ml



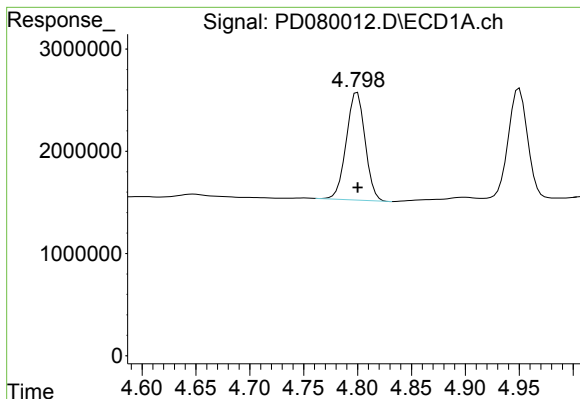
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 5965040
Conc: 5.96 ng/ml



#6 beta-BHC

R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 8450328
Conc: 5.47 ng/ml



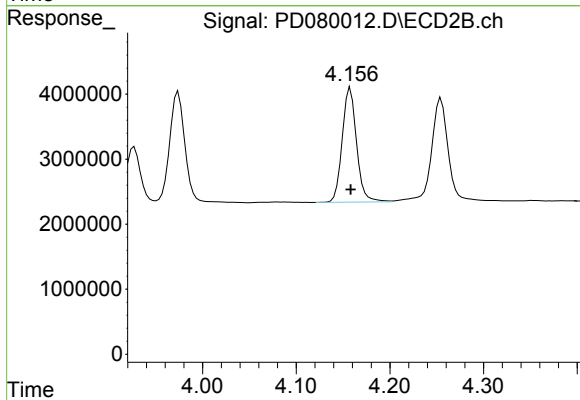
#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 12825378
Conc: 5.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
SU-04-120623

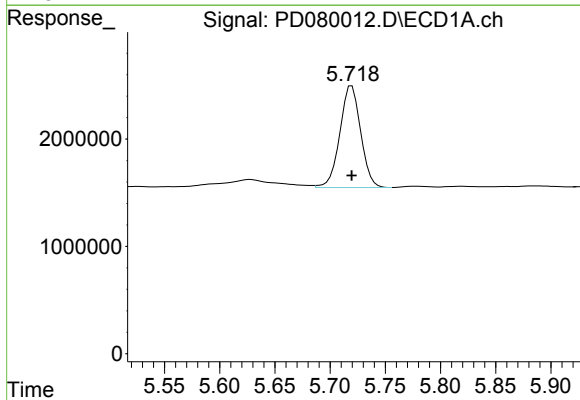
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :Ankita Jodhani 12/08/2023



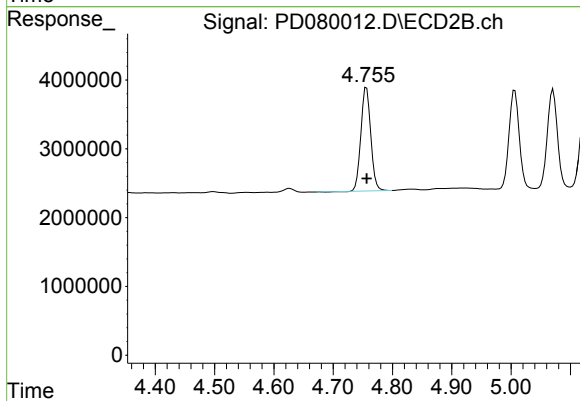
#7 delta-BHC

R.T.: 4.158 min
Delta R.T.: 0.000 min
Response: 18783889
Conc: 4.99 ng/ml



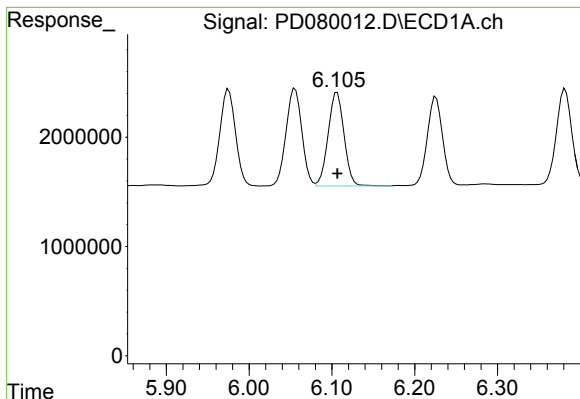
#8 Heptachlor epoxide

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 12450683
Conc: 5.65 ng/ml



#8 Heptachlor epoxide

R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 17350676
Conc: 5.29 ng/ml



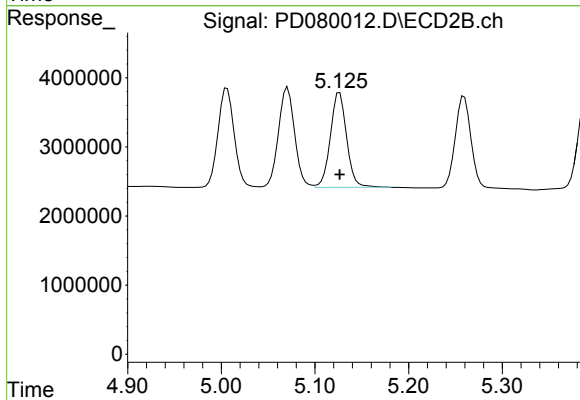
#9 Endosulfan I

R.T.: 6.106 min
Delta R.T.: 0.000 min
Response: 11442931
Conc: 5.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
SU-04-120623

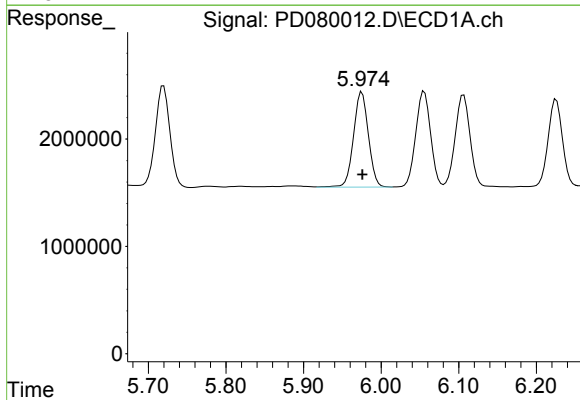
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :Ankita Jodhani 12/08/2023



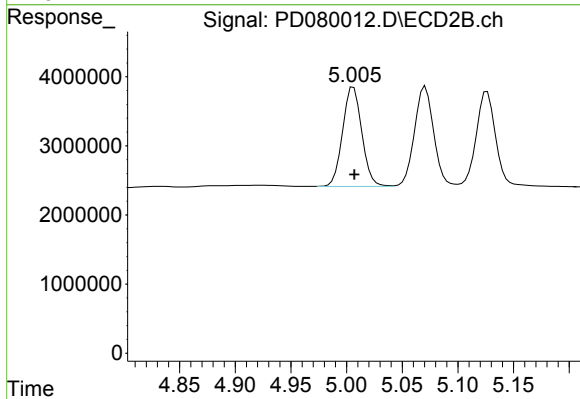
#9 Endosulfan I

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 16563867
Conc: 5.49 ng/ml



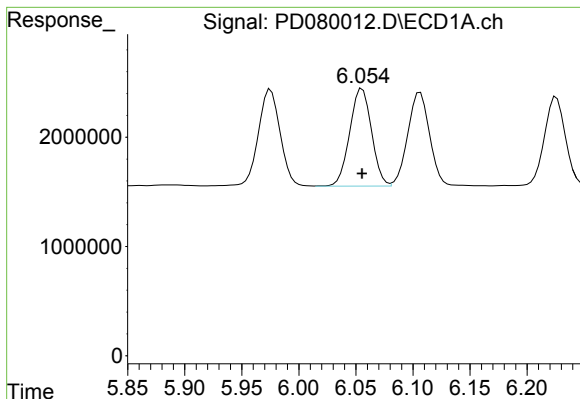
#10 gamma-Chlordane

R.T.: 5.975 min
Delta R.T.: 0.000 min
Response: 11851322
Conc: 5.44 ng/ml



#10 gamma-Chlordane

R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 17316578
Conc: 5.37 ng/ml



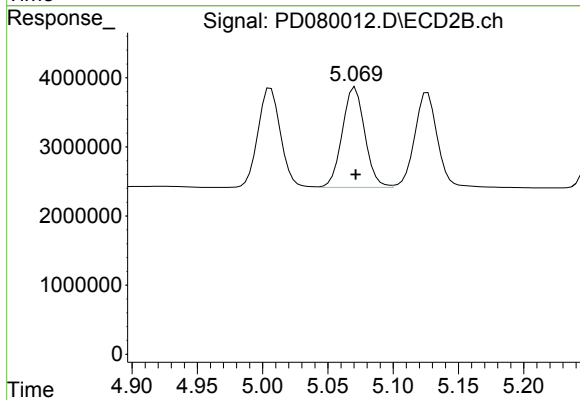
#11 alpha-Chlordane

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 11876336
Conc: 5.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
SU-04-120623

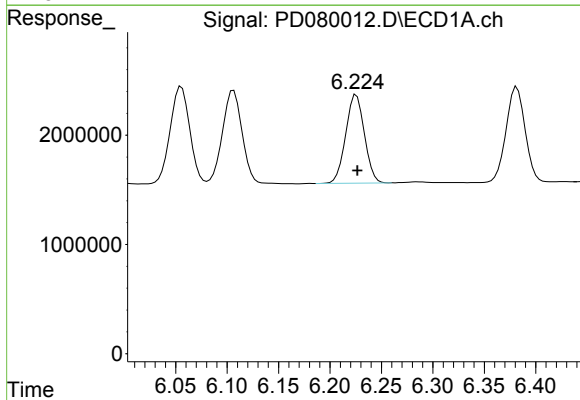
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :Ankita Jodhani 12/08/2023



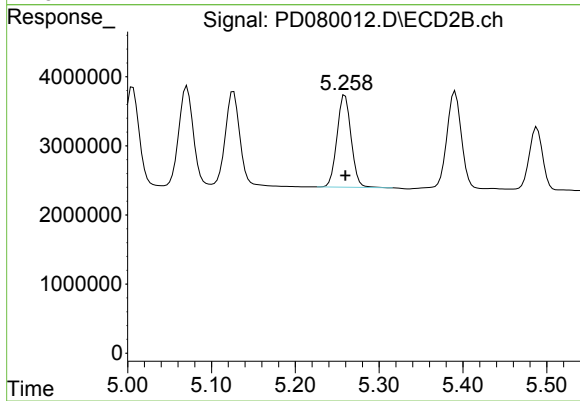
#11 alpha-Chlordane

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 17419808
Conc: 5.42 ng/ml



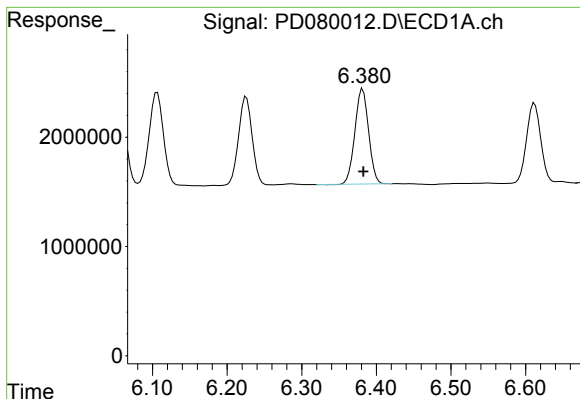
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 10254594
Conc: 5.11 ng/ml



#12 4,4'-DDE

R.T.: 5.259 min
Delta R.T.: 0.000 min
Response: 15570132
Conc: 5.17 ng/ml



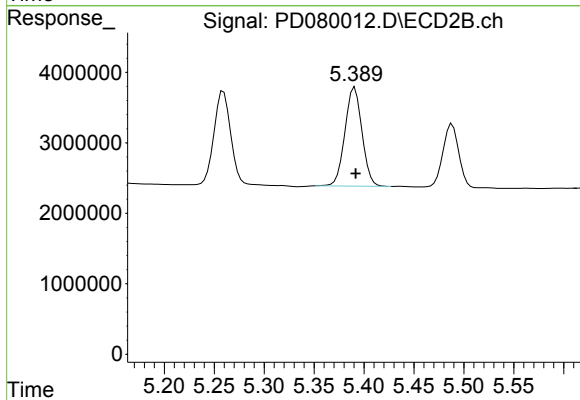
#13 Dieldrin

R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 11139126
Conc: 5.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
SU-04-120623

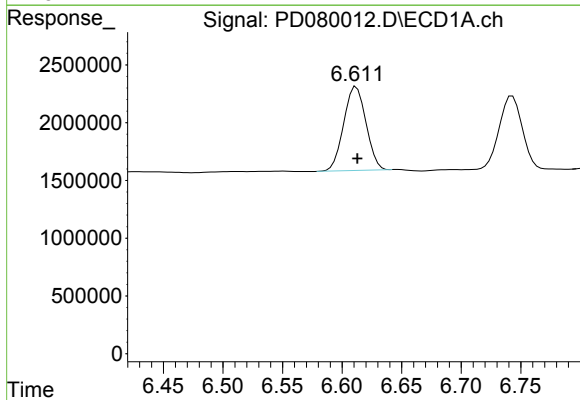
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :Ankita Jodhani 12/08/2023



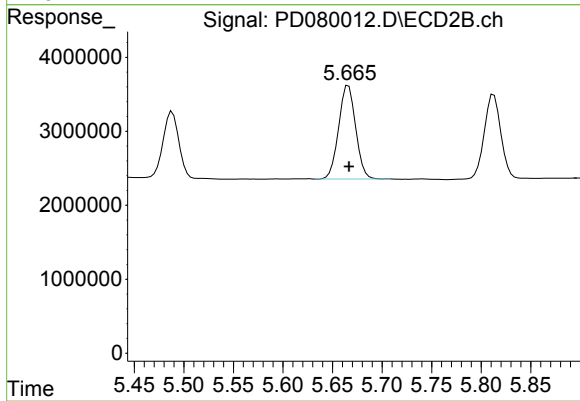
#13 Dieldrin

R.T.: 5.391 min
Delta R.T.: 0.000 min
Response: 16704120
Conc: 5.10 ng/ml



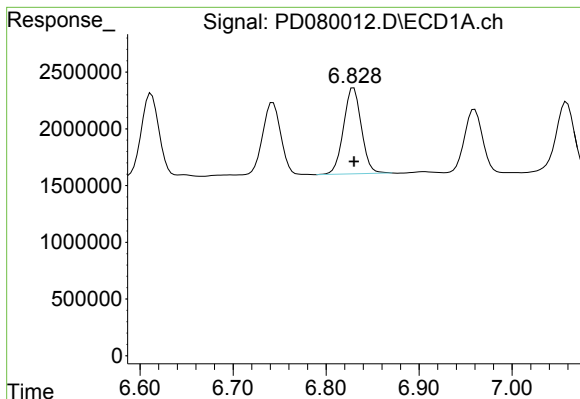
#14 Endrin

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 9459995
Conc: 5.22 ng/ml



#14 Endrin

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 15084538
Conc: 5.37 ng/ml



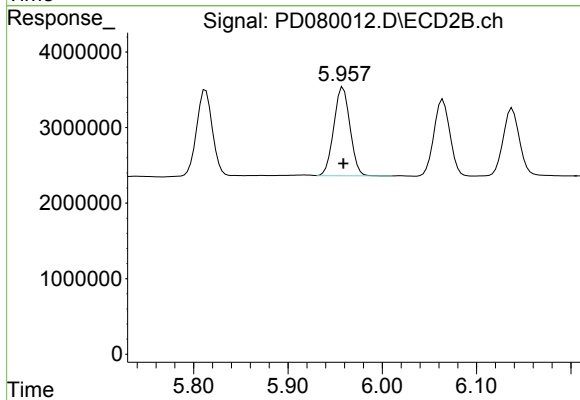
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: 0.000 min
Response: 10107364
Conc: 5.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
SU-04-120623

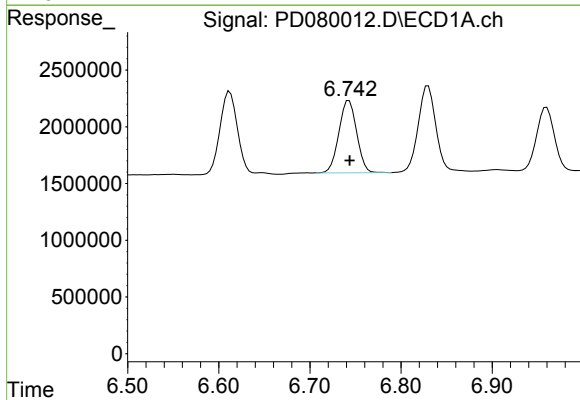
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :Ankita Jodhani 12/08/2023



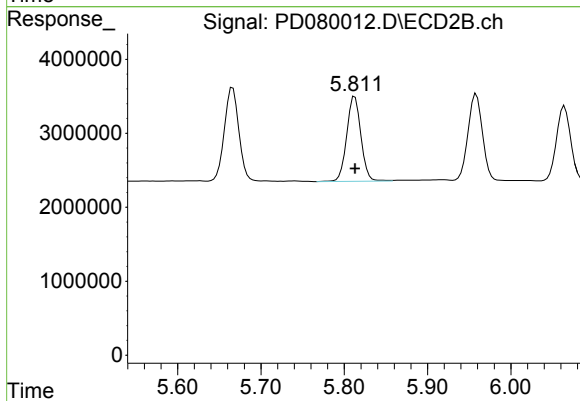
#15 Endosulfan II

R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 14025262
Conc: 5.14 ng/ml



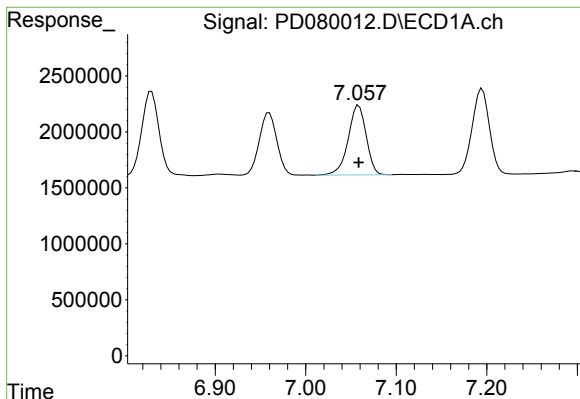
#16 4,4'-DDD

R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 8641130
Conc: 5.16 ng/ml



#16 4,4'-DDD

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 13597965
Conc: 5.28 ng/ml



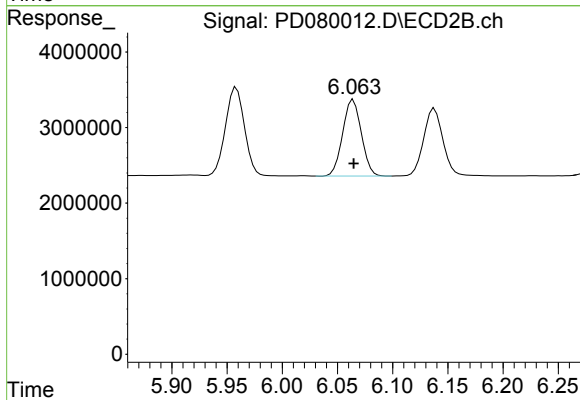
#17 4,4'-DDT

R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 8619927
Conc: 4.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
SU-04-120623

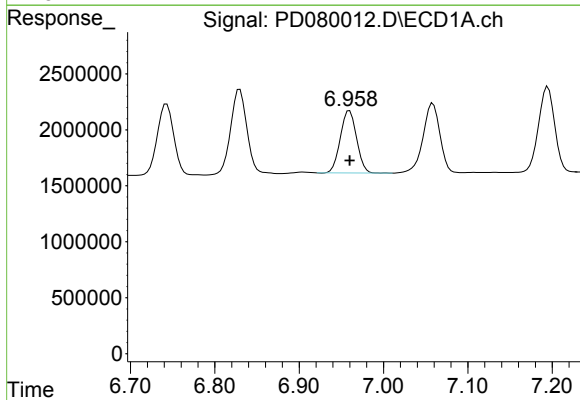
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :Ankita Jodhani 12/08/2023



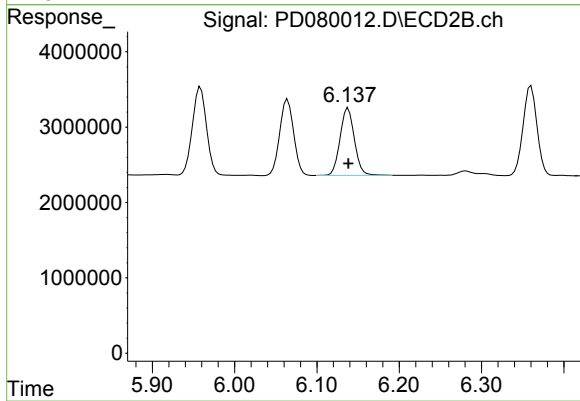
#17 4,4'-DDT

R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 11924975
Conc: 4.69 ng/ml



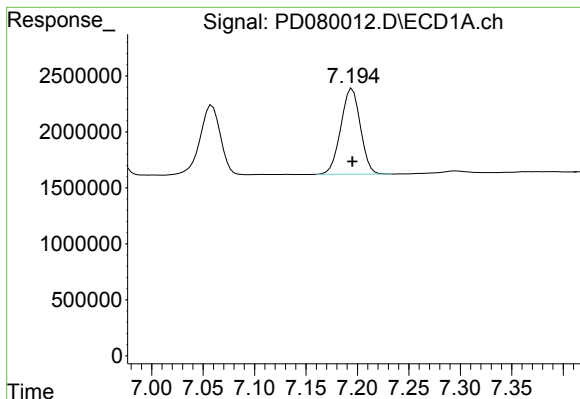
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: 0.000 min
Response: 7440066
Conc: 5.19 ng/ml



#18 Endrin aldehyde

R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 10853270
Conc: 5.29 ng/ml



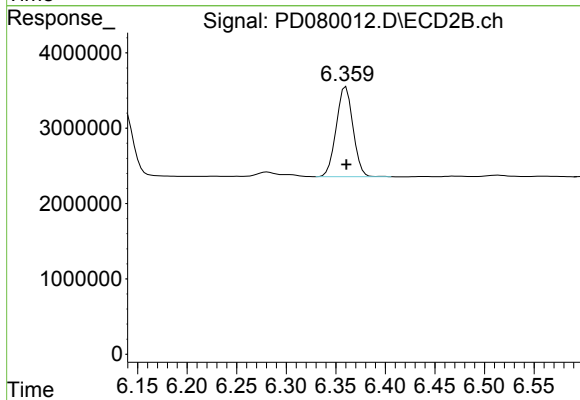
#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: 0.000 min
Response: 10148627
Conc: 5.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
SU-04-120623

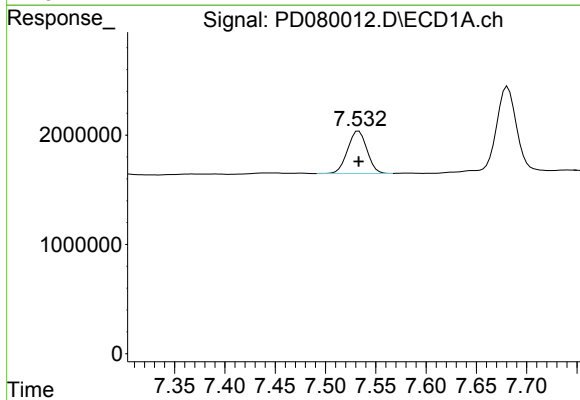
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :Ankita Jodhani 12/08/2023



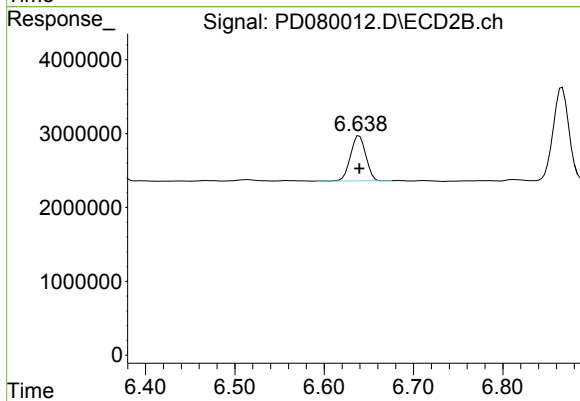
#19 Endosulfan Sulfate

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 14035015
Conc: 5.24 ng/ml



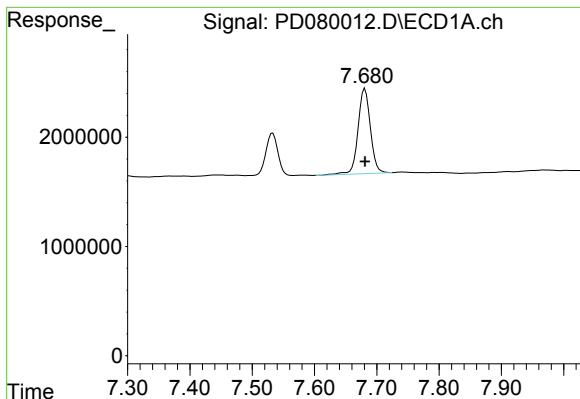
#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 5181063
Conc: 5.24 ng/ml



#20 Methoxychlor

R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 7291543
Conc: 4.99 ng/ml



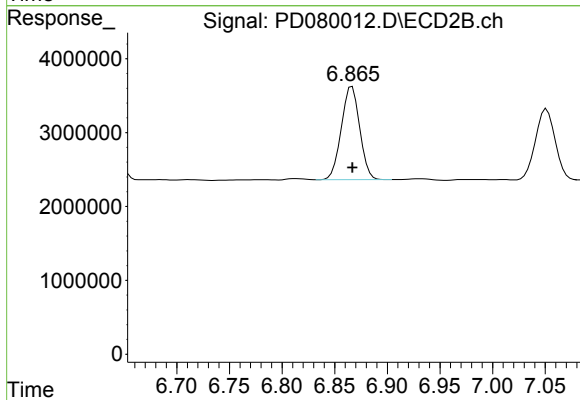
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 10763658
Conc: 5.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
SU-04-120623

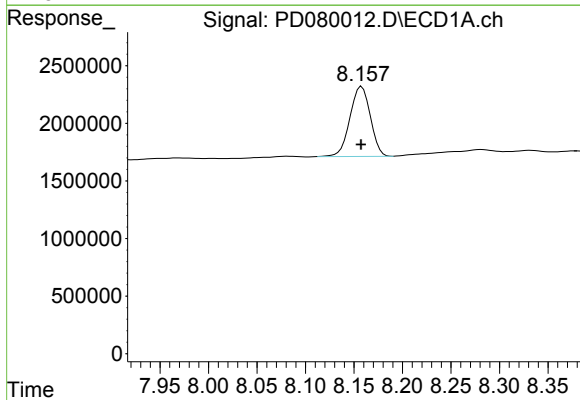
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :Ankita Jodhani 12/08/2023



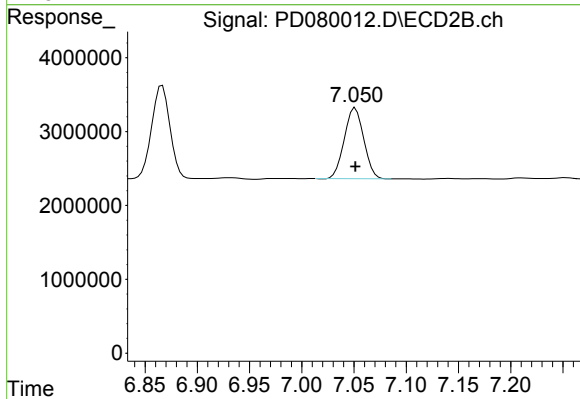
#21 Endrin ketone

R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 15368756
Conc: 4.92 ng/ml



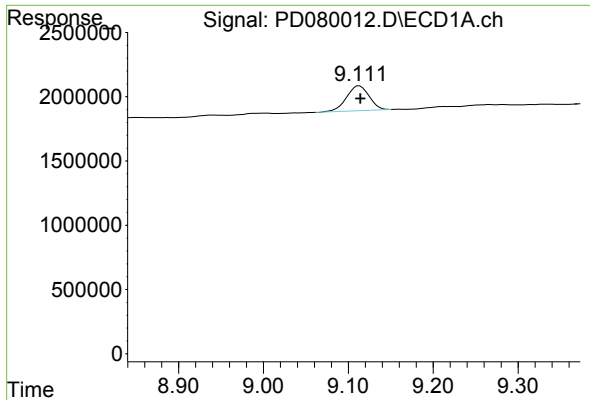
#22 Mirex

R.T.: 8.158 min
Delta R.T.: 0.000 min
Response: 8886386
Conc: 5.43 ng/ml



#22 Mirex

R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 12413154
Conc: 5.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: -0.001 min
Response: 3581155
Conc: 1.77 ng/ml

Instrument :

ECD_D

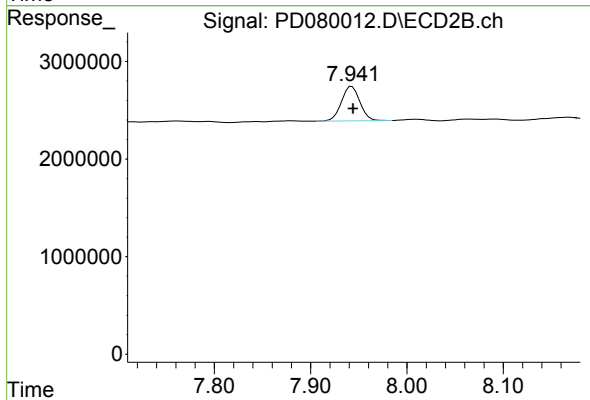
ClientSampleId :

SU-04-120623

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :Ankita Jodhani 12/08/2023



#28 Decachlorobiphenyl

R.T.: 7.943 min
Delta R.T.: 0.000 min
Response: 4692404
Conc: 1.66 ng/ml