

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111323\
 Data File : PD079611.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2023 17:04
 Operator : AR\AJ
 Sample : PB157022BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB157022BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/10/2023
 Supervised By :Ankita Jodhani 11/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 20:10:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 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...	3.569	2.804	29020947	46239350	17.974	19.971
28)	SA Decachlor...	9.117	7.949	40797091	53516292	20.337	21.956
Target Compounds							
2)	A alpha-BHC	4.026	3.306	124.7E6	183.3E6	46.838	52.857
3)	MA gamma-BHC...	4.359	3.636	121.1E6	179.3E6	46.602	52.798
4)	MA Heptachlor	4.953	3.978	119.8E6	165.8E6	44.774	54.304
5)	MB Aldrin	5.296	4.259	121.2E6	174.2E6	47.052	53.246
6)	B beta-BHC	4.552	3.931	48390585	71609406	45.158	50.819
7)	B delta-BHC	4.801	4.162	122.0E6	178.6E6	45.574m	53.328
8)	B Heptachlo...	5.722	4.761	110.8E6	158.9E6	47.296	53.590
9)	A Endosulfan I	6.109	5.130	103.1E6	143.7E6	47.543	54.268m
10)	B gamma-Chl...	5.978	5.010	108.7E6	154.7E6	47.405	53.927m
11)	B alpha-Chl...	6.058	5.074	107.8E6	151.2E6	47.273	52.680m
12)	B 4,4'-DDE	6.228	5.265	102.3E6	146.6E6	48.398	55.079
13)	MA Dieldrin	6.385	5.396	112.0E6	161.6E6	48.086	54.403
14)	MA Endrin	6.615	5.671	87129782	131.7E6	44.737	51.456
15)	B Endosulfa...	6.833	5.963	96367674	137.6E6	47.248	55.097
16)	A 4,4'-DDD	6.745	5.818	86327112	127.3E6	49.107	55.716
17)	MA 4,4'-DDT	7.061	6.070	86900328	121.8E6	45.890	53.219
18)	B Endrin al...	6.962	6.143	78815316	110.5E6	51.036m	59.446
19)	B Endosulfa...	7.197	6.365	94562839	129.5E6	47.564	55.472
20)	A Methoxychlor	7.535	6.644	47819953	66863844	43.640	49.250
21)	B Endrin ke...	7.683	6.872	108.4E6	160.2E6	49.736	57.313
22)	Mirex	8.161	7.057	91576742	133.1E6	54.102	62.318

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111323\
Data File : PD079611.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Nov 2023 17:04
Operator : AR\AJ
Sample : PB157022BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

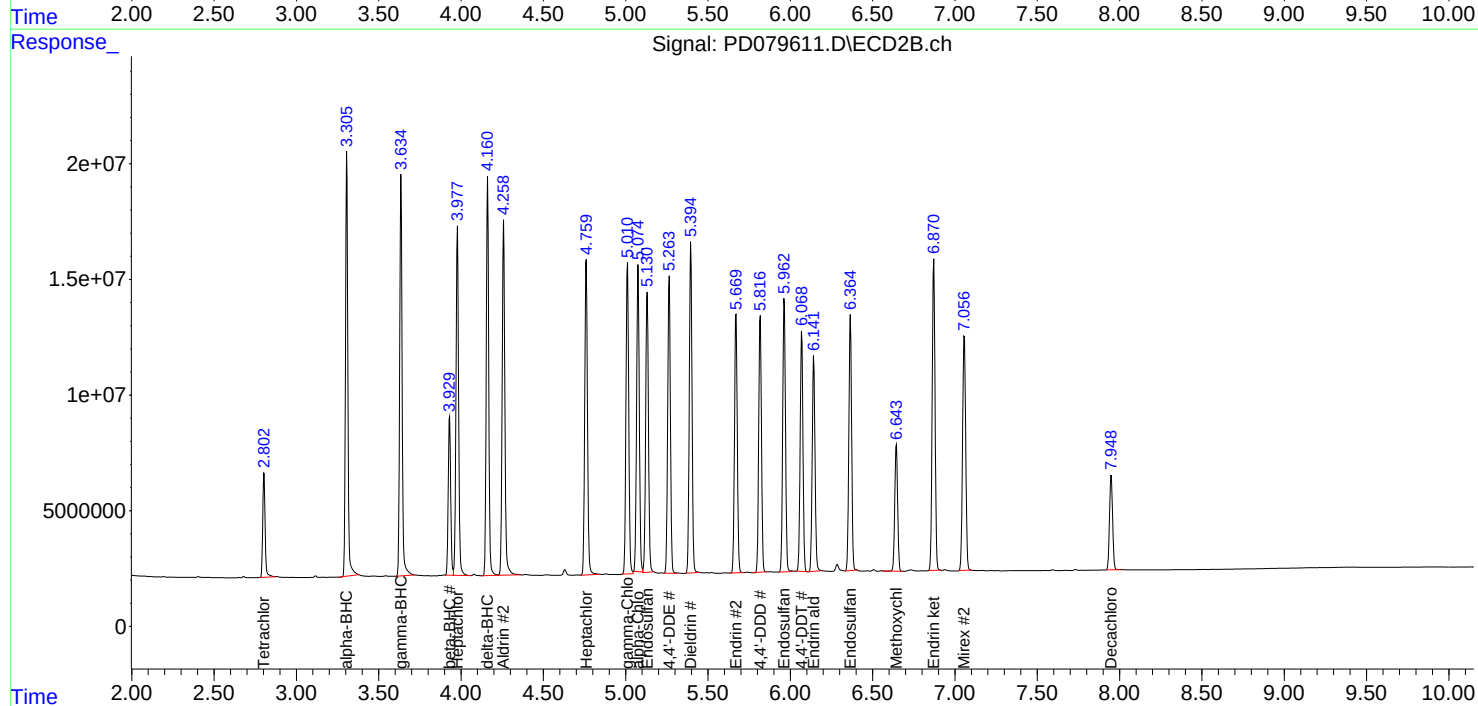
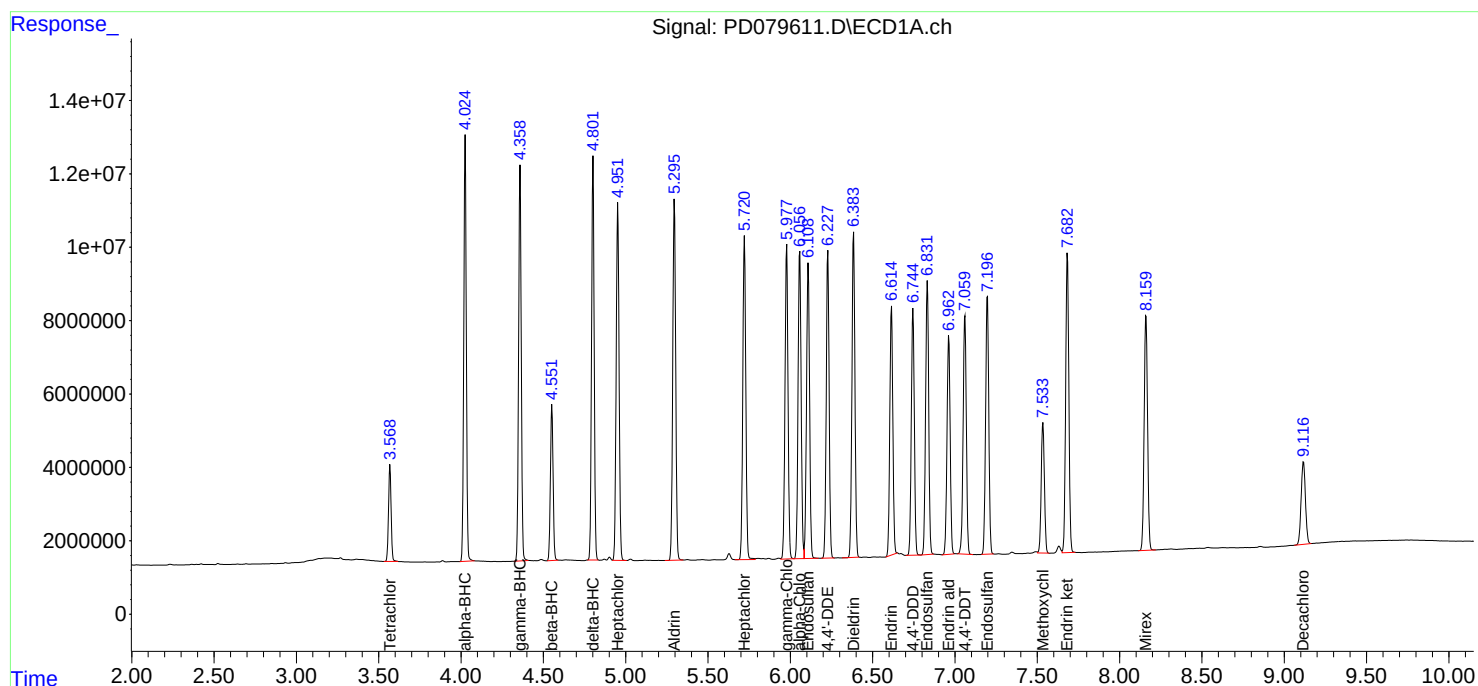
Instrument :
ECD_D
ClientSampleId :
PB157022BSD

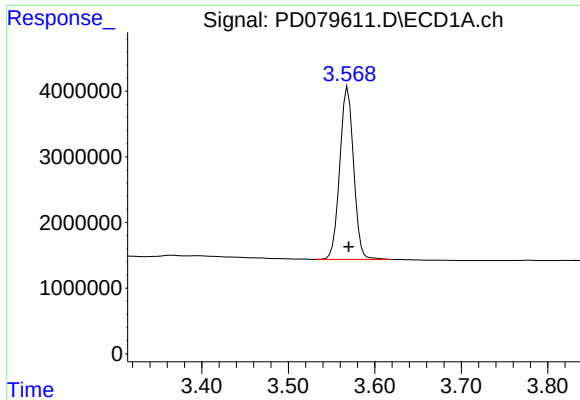
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2023
Supervised By :Ankita Jodhani 11/10/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 09 20:10:50 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
Quant Title : GC Extractables
QLast Update : Fri Oct 20 04:44:01 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.: 3.569 min
Delta R.T.: -0.001 min
Response: 29020947
Conc: 17.97 ng/ml

Instrument :

ECD_D

ClientSampleId :

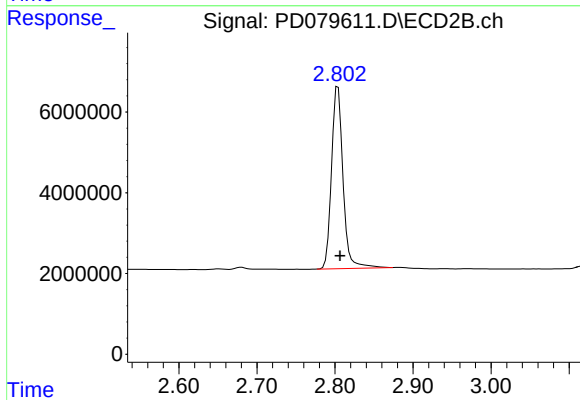
PB157022BSD

Manual Integrations

APPROVED

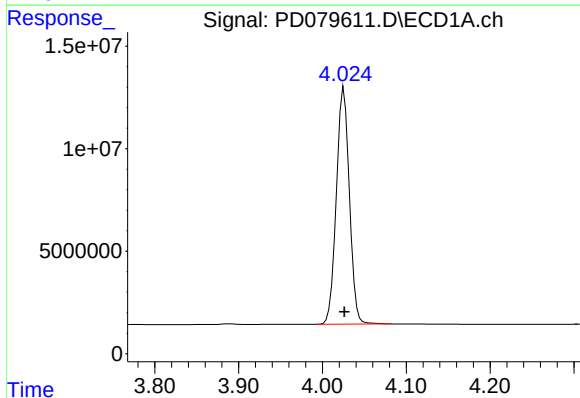
Reviewed By :Abdul Mirza 11/10/2023

Supervised By :Ankita Jodhani 11/10/2023



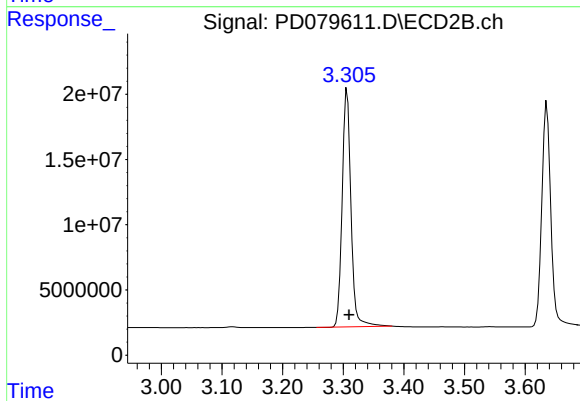
#1 Tetrachloro-m-xylene

R.T.: 2.804 min
Delta R.T.: -0.003 min
Response: 46239350
Conc: 19.97 ng/ml



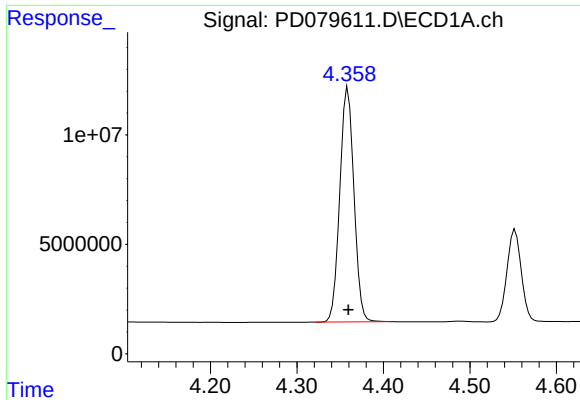
#2 alpha-BHC

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 124686516
Conc: 46.84 ng/ml



#2 alpha-BHC

R.T.: 3.306 min
Delta R.T.: -0.004 min
Response: 183277679
Conc: 52.86 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 121111477
Conc: 46.60 ng/ml

Instrument :

ECD_D

ClientSampleId :

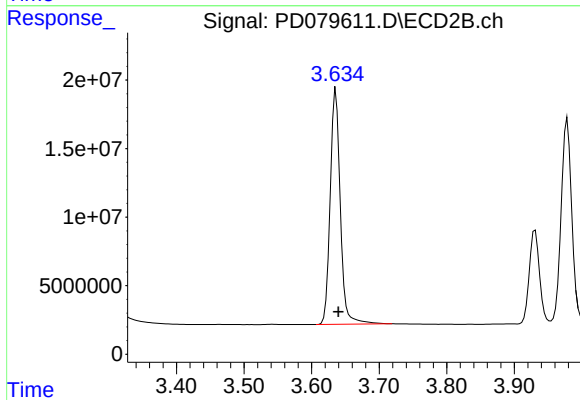
PB157022BSD

Manual Integrations

APPROVED

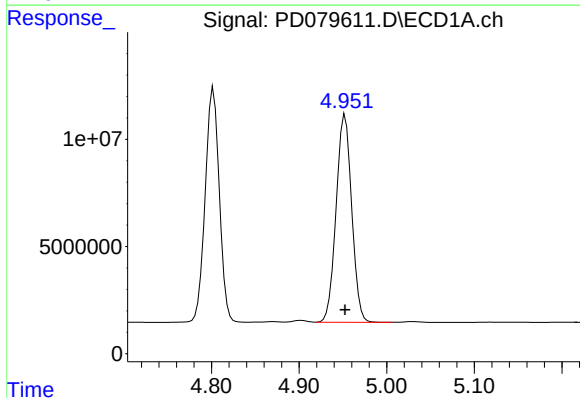
Reviewed By :Abdul Mirza 11/10/2023

Supervised By :Ankita Jodhani 11/10/2023



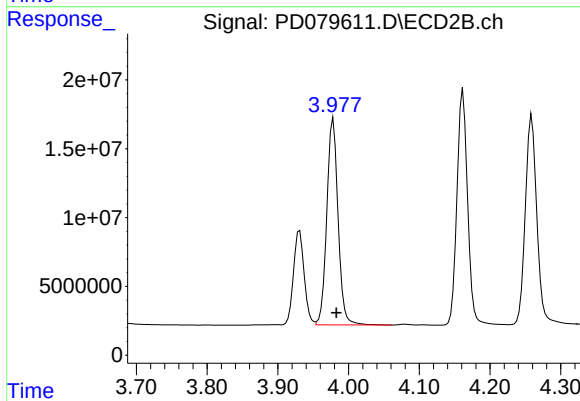
#3 gamma-BHC (Lindane)

R.T.: 3.636 min
Delta R.T.: -0.004 min
Response: 179290764
Conc: 52.80 ng/ml



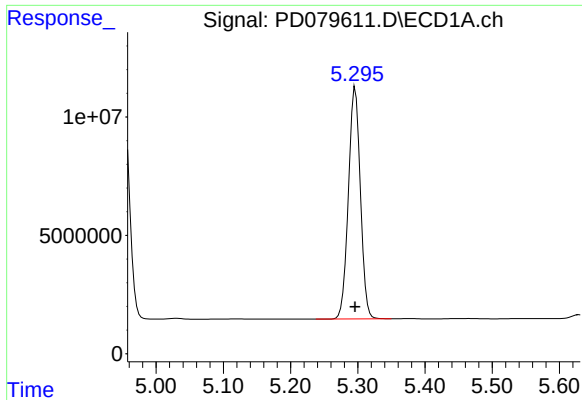
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 119766265
Conc: 44.77 ng/ml



#4 Heptachlor

R.T.: 3.978 min
Delta R.T.: -0.004 min
Response: 165849826
Conc: 54.30 ng/ml



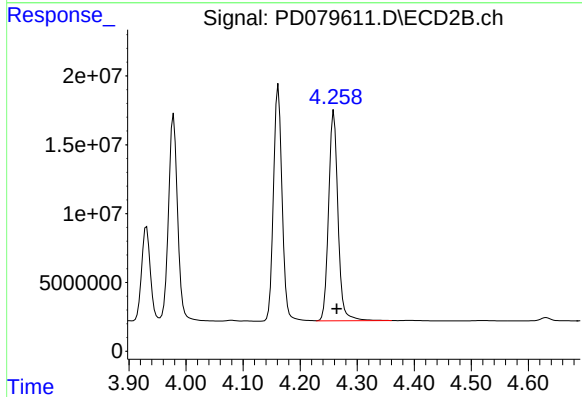
#5 Aldrin

R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 121243390
Conc: 47.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157022BSD

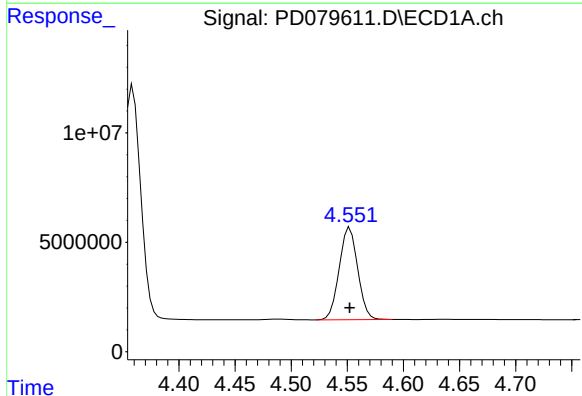
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2023
Supervised By :Ankita Jodhani 11/10/2023



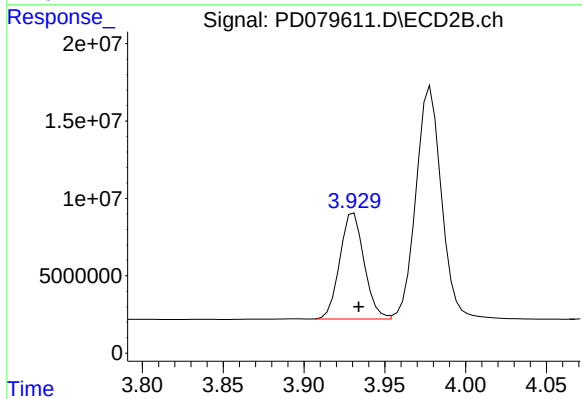
#5 Aldrin

R.T.: 4.259 min
Delta R.T.: -0.005 min
Response: 174184117
Conc: 53.25 ng/ml



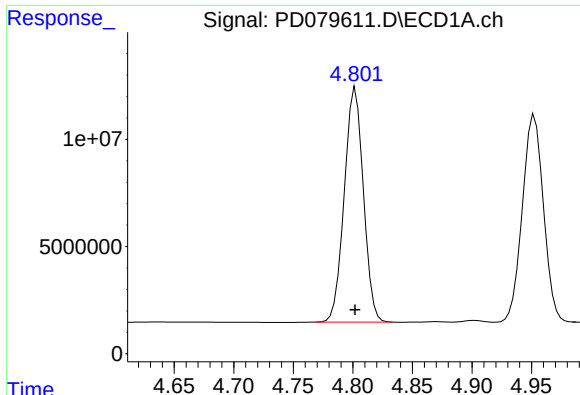
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 48390585
Conc: 45.16 ng/ml



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: -0.003 min
Response: 71609406
Conc: 50.82 ng/ml



#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: -0.001 min
Response: 122004662
Conc: 45.57 ng/ml

Instrument :

ECD_D

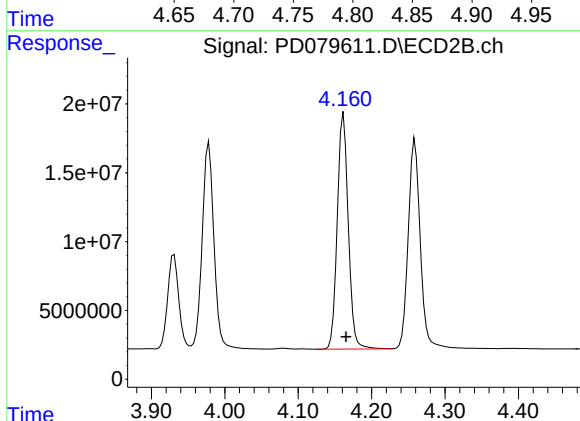
ClientSampleId :

PB157022BSD

Manual Integrations

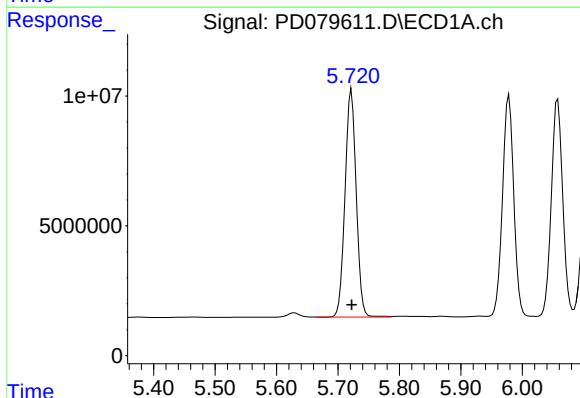
APPROVED

Reviewed By :Abdul Mirza 11/10/2023
Supervised By :Ankita Jodhani 11/10/2023



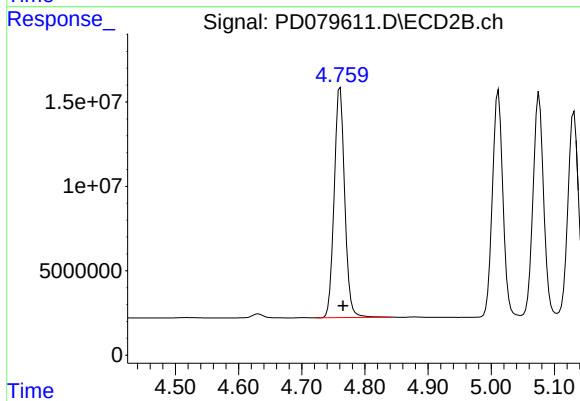
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: -0.003 min
Response: 178555991
Conc: 53.33 ng/ml



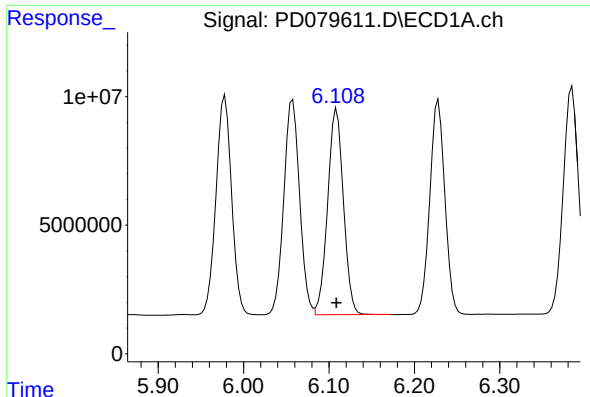
#8 Heptachlor epoxide

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 110847365
Conc: 47.30 ng/ml



#8 Heptachlor epoxide

R.T.: 4.761 min
Delta R.T.: -0.005 min
Response: 158878030
Conc: 53.59 ng/ml



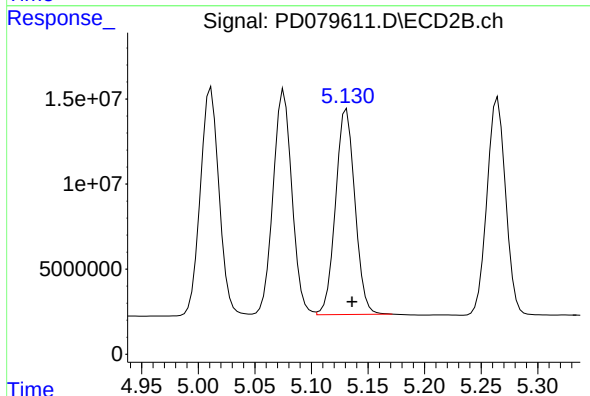
#9 Endosulfan I

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 103070593
Conc: 47.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157022BSD

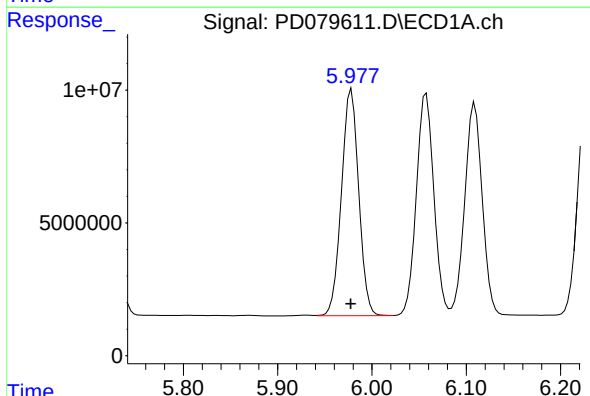
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2023
Supervised By :Ankita Jodhani 11/10/2023



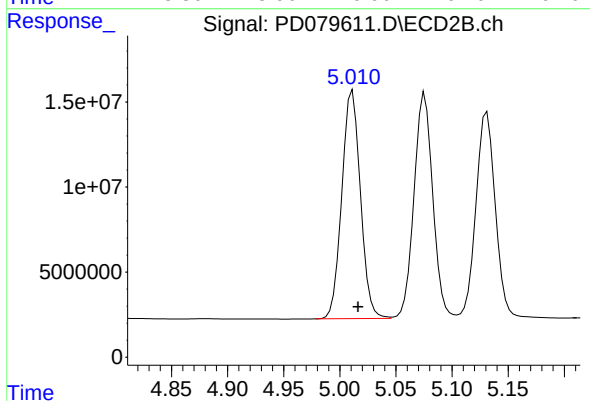
#9 Endosulfan I

R.T.: 5.130 min
Delta R.T.: -0.006 min
Response: 143686697
Conc: 54.27 ng/ml m



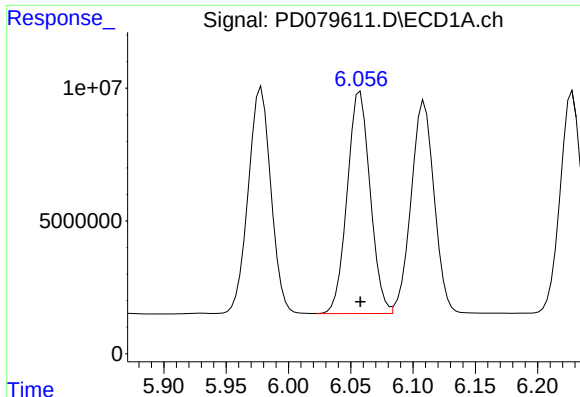
#10 gamma-Chlordane

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 108685666
Conc: 47.40 ng/ml



#10 gamma-Chlordane

R.T.: 5.010 min
Delta R.T.: -0.006 min
Response: 154740839
Conc: 53.93 ng/ml m



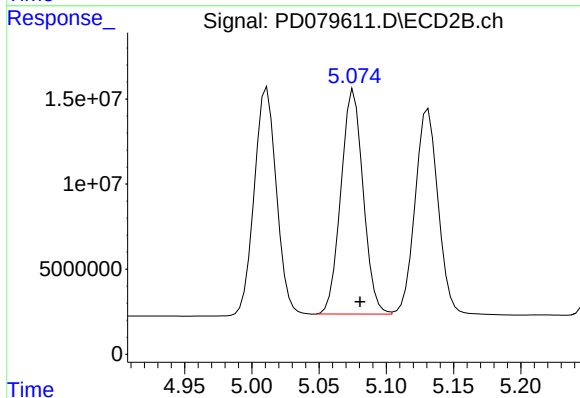
#11 alpha-Chlordane

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 107792778
Conc: 47.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157022BSD

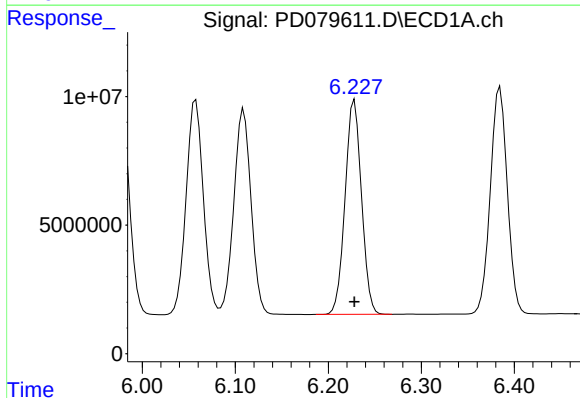
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2023
Supervised By :Ankita Jodhani 11/10/2023



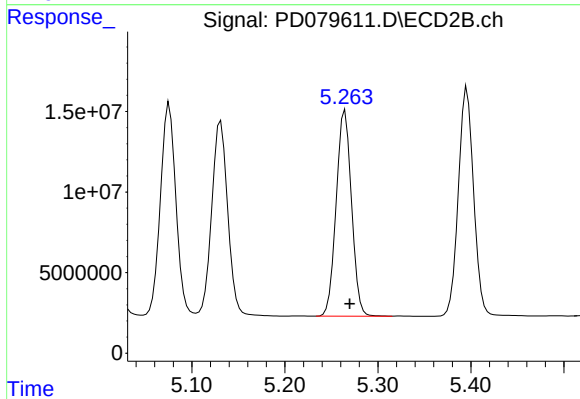
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: -0.006 min
Response: 151183864
Conc: 52.68 ng/ml m



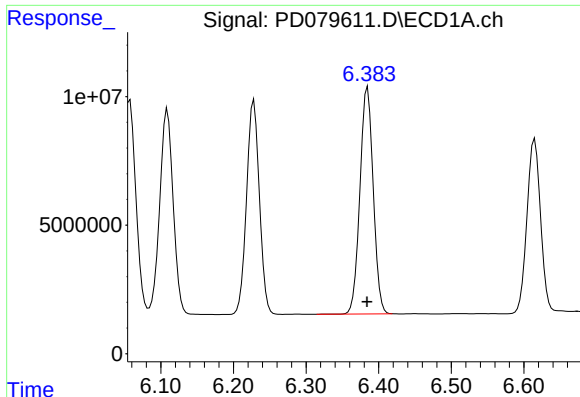
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 102268584
Conc: 48.40 ng/ml



#12 4,4'-DDE

R.T.: 5.265 min
Delta R.T.: -0.005 min
Response: 146642448
Conc: 55.08 ng/ml



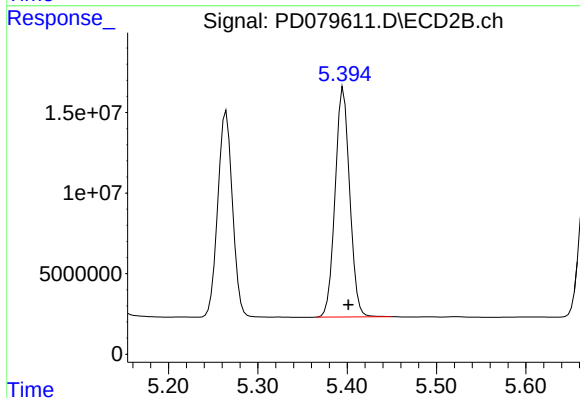
#13 Dieldrin

R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 111985412
Conc: 48.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157022BSD

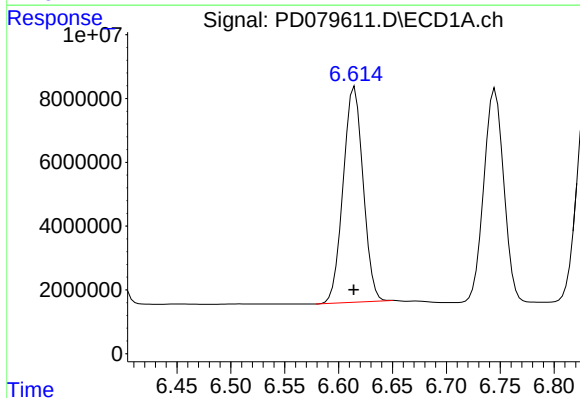
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2023
Supervised By :Ankita Jodhani 11/10/2023



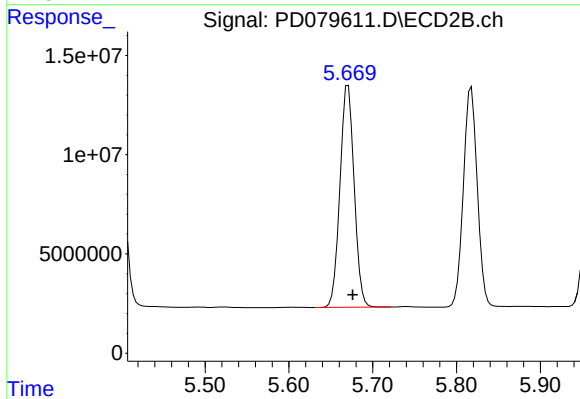
#13 Dieldrin

R.T.: 5.396 min
Delta R.T.: -0.005 min
Response: 161572480
Conc: 54.40 ng/ml



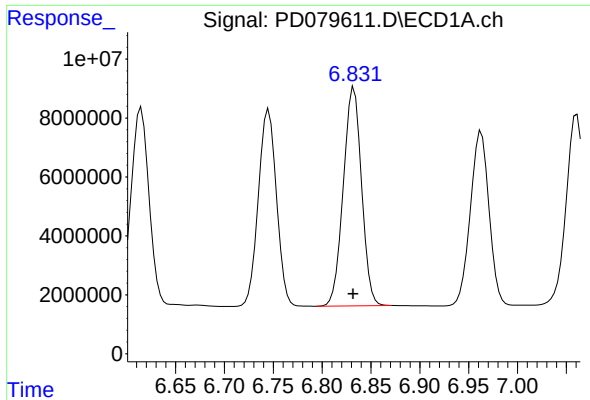
#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 87129782
Conc: 44.74 ng/ml



#14 Endrin

R.T.: 5.671 min
Delta R.T.: -0.006 min
Response: 131681994
Conc: 51.46 ng/ml



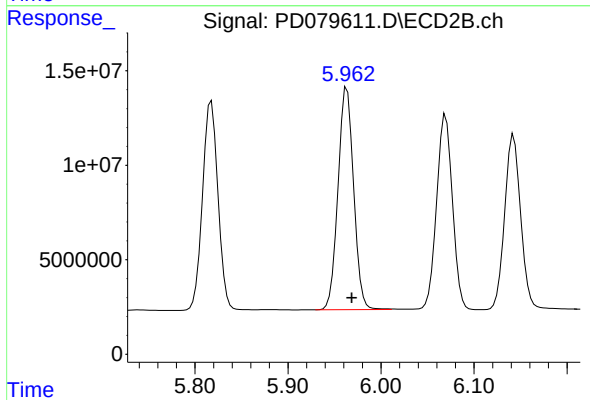
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 96367674
Conc: 47.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157022BSD

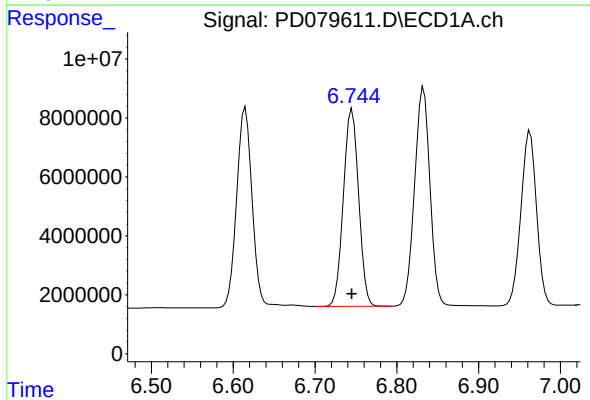
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2023
Supervised By :Ankita Jodhani 11/10/2023



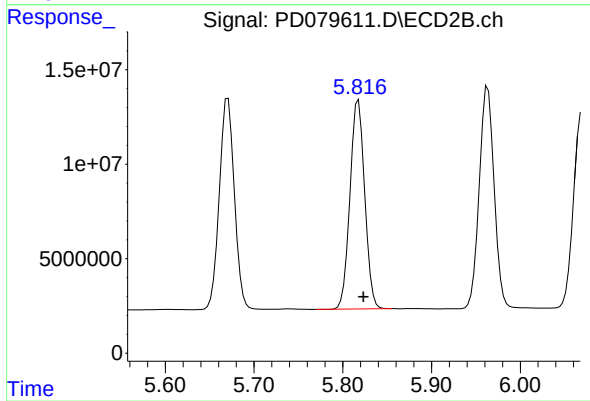
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: -0.005 min
Response: 137551283
Conc: 55.10 ng/ml



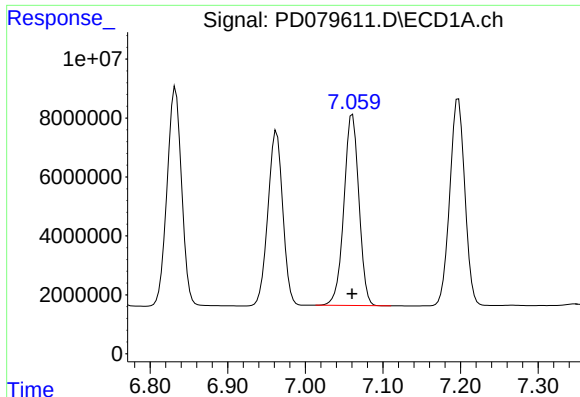
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 86327112
Conc: 49.11 ng/ml



#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: -0.006 min
Response: 127270543
Conc: 55.72 ng/ml



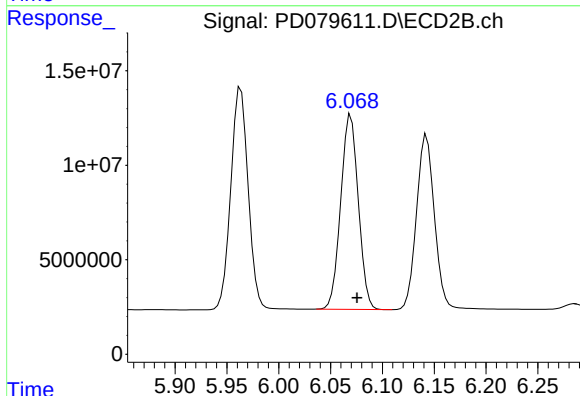
#17 4,4'-DDT

R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 86900328
Conc: 45.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157022BSD

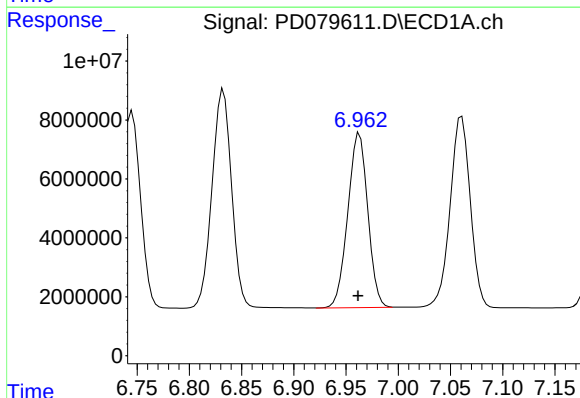
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2023
Supervised By :Ankita Jodhani 11/10/2023



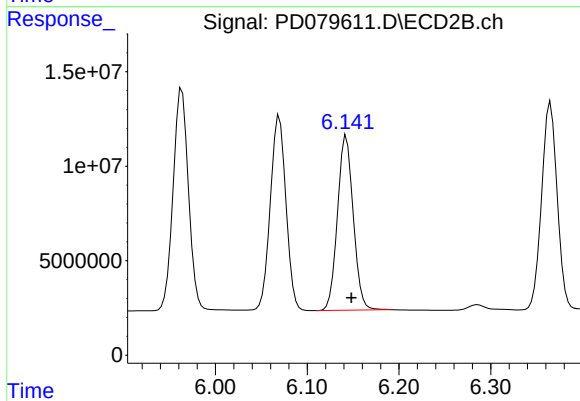
#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: -0.006 min
Response: 121839569
Conc: 53.22 ng/ml



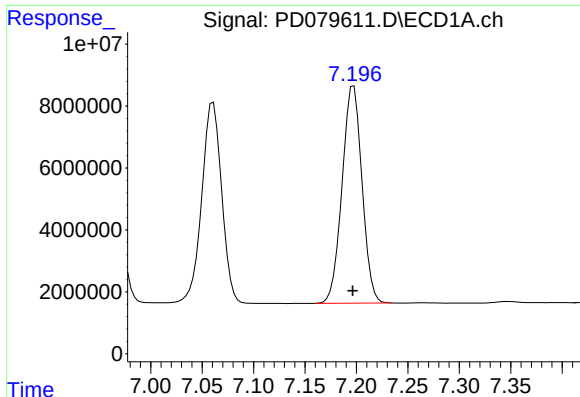
#18 Endrin aldehyde

R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 78815316
Conc: 51.04 ng/ml m



#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: -0.005 min
Response: 110528091
Conc: 59.45 ng/ml



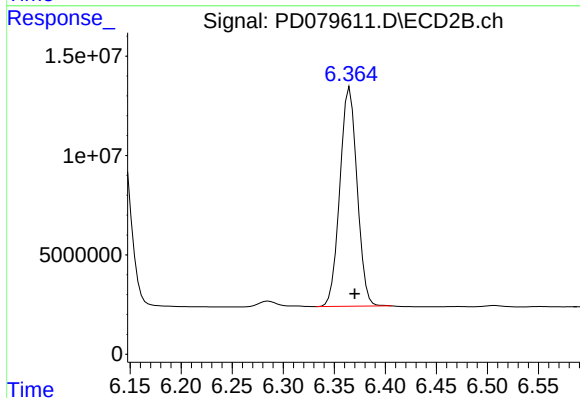
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.001 min
Response: 94562839
Conc: 47.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157022BSD

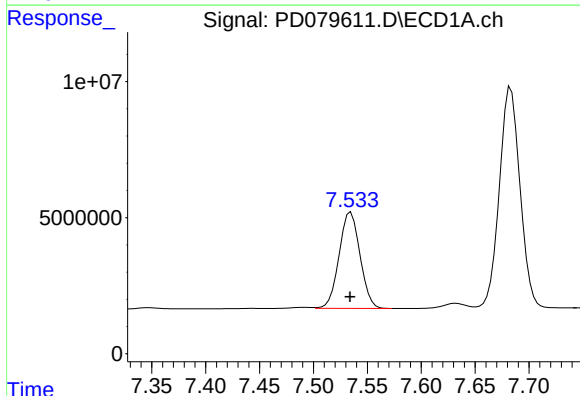
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2023
Supervised By :Ankita Jodhani 11/10/2023



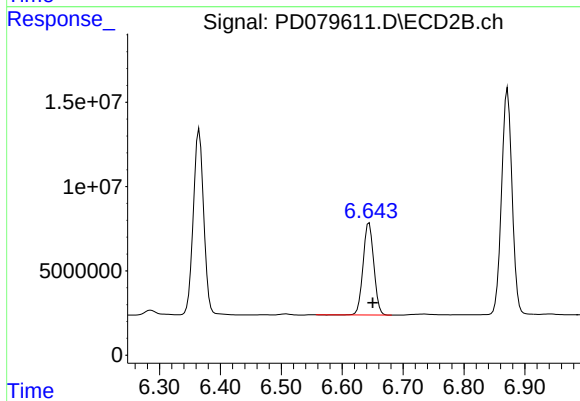
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: -0.005 min
Response: 129518410
Conc: 55.47 ng/ml



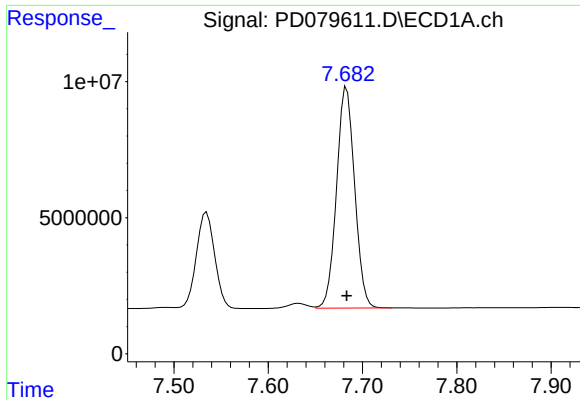
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 47819953
Conc: 43.64 ng/ml



#20 Methoxychlor

R.T.: 6.644 min
Delta R.T.: -0.006 min
Response: 66863844
Conc: 49.25 ng/ml



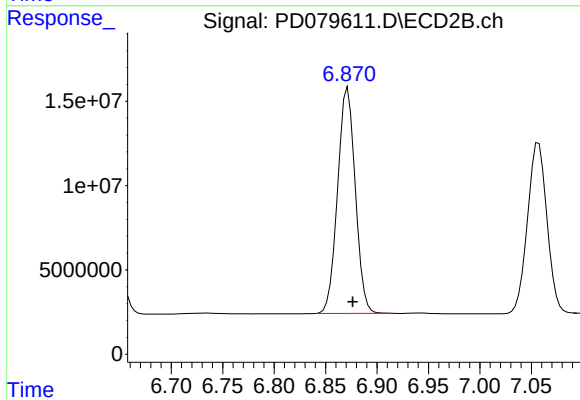
#21 Endrin ketone

R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 108433054
Conc: 49.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157022BSD

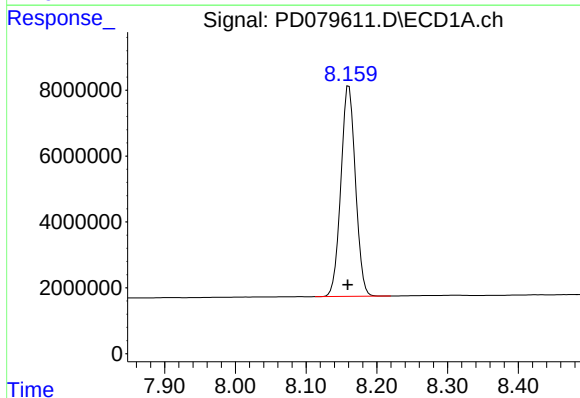
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2023
Supervised By :Ankita Jodhani 11/10/2023



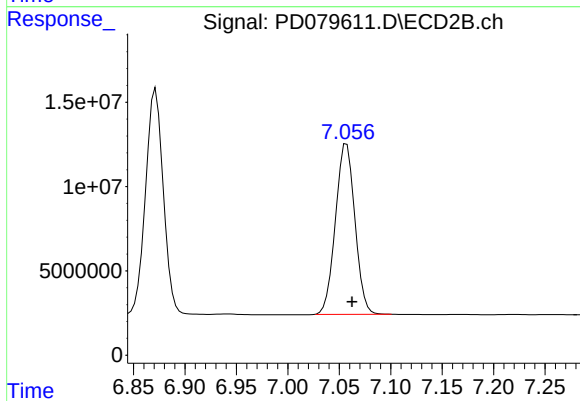
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: -0.005 min
Response: 160230943
Conc: 57.31 ng/ml



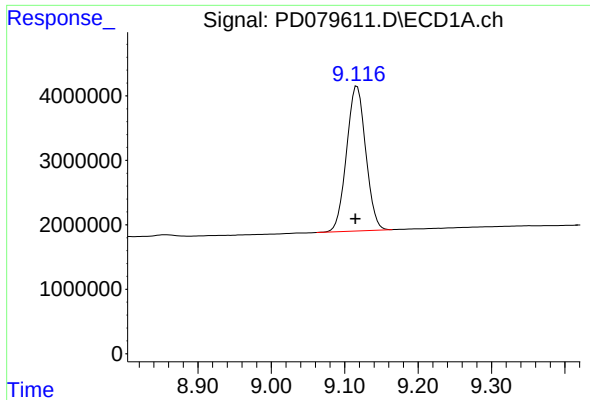
#22 Mirex

R.T.: 8.161 min
Delta R.T.: 0.002 min
Response: 91576742
Conc: 54.10 ng/ml



#22 Mirex

R.T.: 7.057 min
Delta R.T.: -0.005 min
Response: 133131264
Conc: 62.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.117 min
Delta R.T.: 0.002 min
Response: 40797091
Conc: 20.34 ng/ml

Instrument :

ECD_D

ClientSampleId :

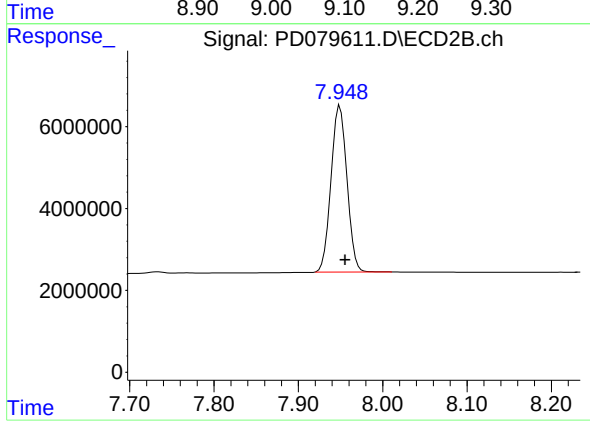
PB157022BSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 11/10/2023

Supervised By :Ankita Jodhani 11/10/2023



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: -0.006 min
Response: 53516292
Conc: 21.96 ng/ml