

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122422\
 Data File : PD073470.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Dec 2022 18:47
 Operator : AR\AJ
 Sample : PB149878BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB149878BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/27/2022
 Supervised By : Ankita Jodhani 12/28/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 24 06:33:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121622.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 16 15:46:21 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...	2.694	3.456	46658284	2162.5E6	22.263	21.989
28)	SA Decachlor...	7.824	8.910	56713464	481.3E6	23.423	27.304
Target Compounds							
2)	A alpha-BHC	3.197	3.920	192.4E6	7009.2E6	55.619	52.441
3)	MA gamma-BHC...	3.527	4.254	158.3E6	5138.0E6	57.569	52.072
4)	MA Heptachlor	3.859	4.820	172.5E6	3469.7E6	55.134	54.449
5)	MB Aldrin	4.137	5.158	176.6E6	3223.9E6	57.010	58.511
6)	B beta-BHC	3.829	4.469	65789520	1750.9E6	51.807	51.672
7)	B delta-BHC	4.058	4.713	176.0E6	3860.9E6	55.910	58.187
8)	B Heptachlo...	4.642	5.590	153.5E6	2654.0E6	55.368	59.534
9)	A Endosulfan I	5.011	5.975	143.2E6	2409.9E6	54.112	58.048
10)	B gamma-Chl...	4.891	5.844	154.9E6	2472.3E6	54.290	55.310
11)	B alpha-Chl...	4.954	5.920	154.5E6	2548.4E6	54.842	58.235
12)	B 4,4'-DDE	5.143	6.094	151.4E6	2551.3E6	55.909	60.370
13)	MA Dieldrin	5.278	6.252	159.0E6	2592.2E6	56.329	61.703
14)	MA Endrin	5.555	6.484	143.5E6	2170.6E6	55.897	66.068
15)	B Endosulfa...	5.852	6.714	133.0E6	1981.0E6	56.300m	62.360
16)	A 4,4'-DDD	5.702	6.618	123.3E6	1879.9E6	54.656	60.171
17)	MA 4,4'-DDT	5.949	6.927	121.5E6	1791.1E6	54.854m	59.271
18)	B Endrin al...	6.035	6.846	107.8E6	1531.7E6	57.283	65.336
19)	B Endosulfa...	6.258	7.078	128.1E6	1682.8E6	53.903	61.506
20)	A Methoxychlor	6.533	7.406	71094345	812.1E6	53.342	60.000
21)	B Endrin ke...	6.768	7.569	149.0E6	1651.1E6	54.821	60.135
22)	Mirex	6.933	8.016	111.5E6	1024.5E6	53.621	58.576

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122422\
Data File : PD073470.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2022 18:47
Operator : AR\AJ
Sample : PB149878BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

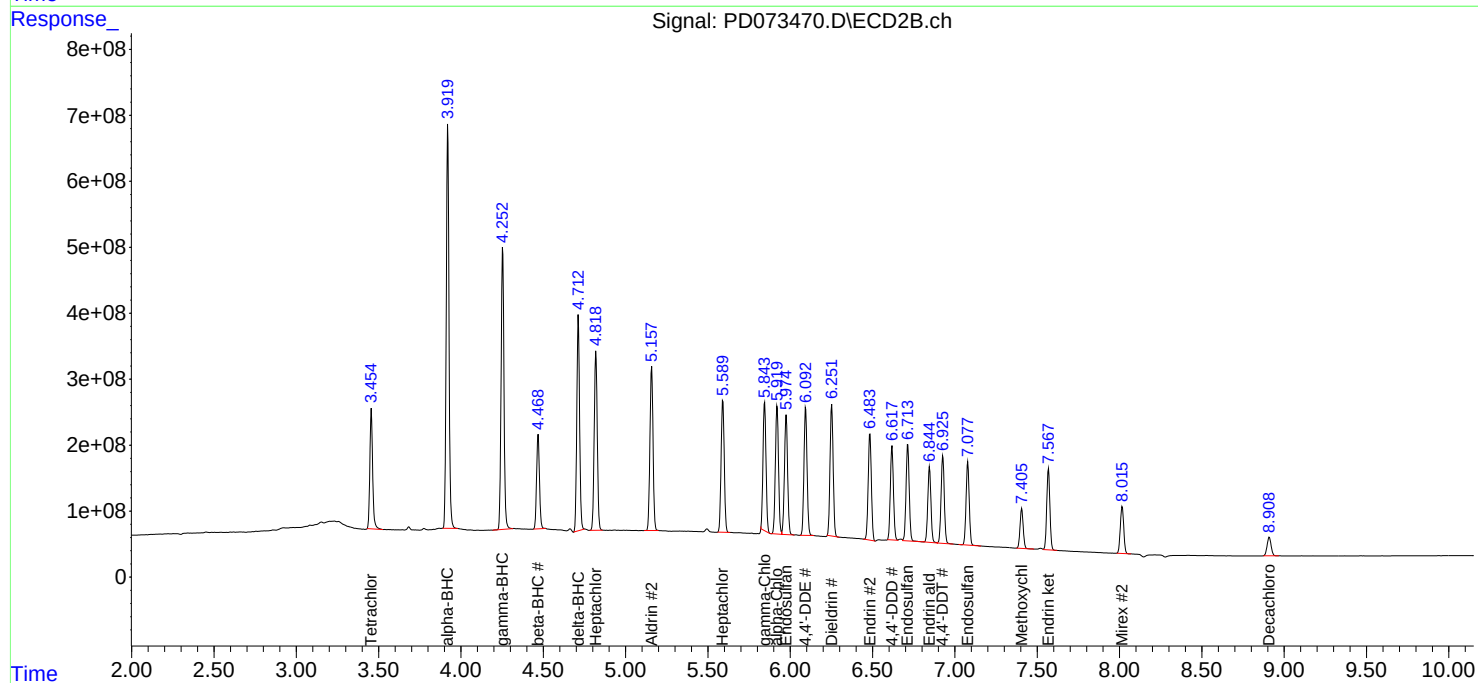
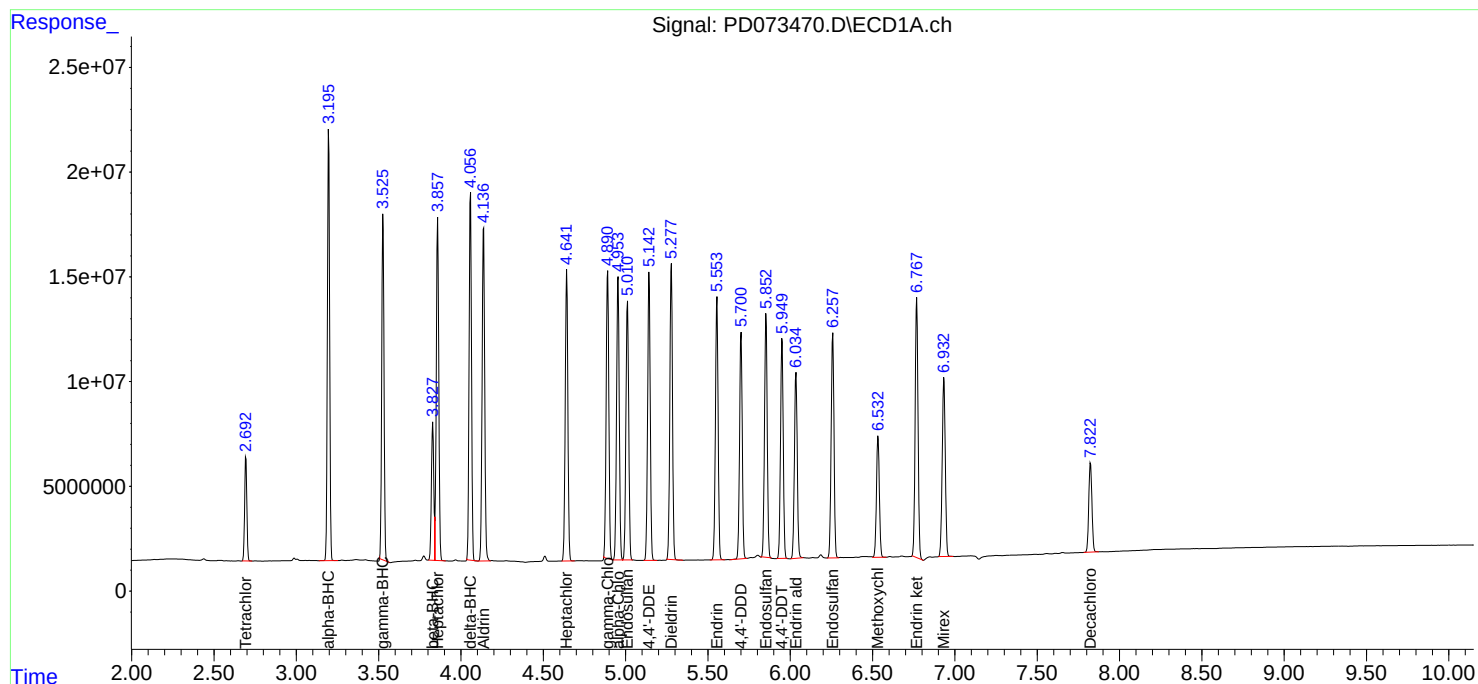
Instrument :
ECD_D
ClientSampleId :
PB149878BSD

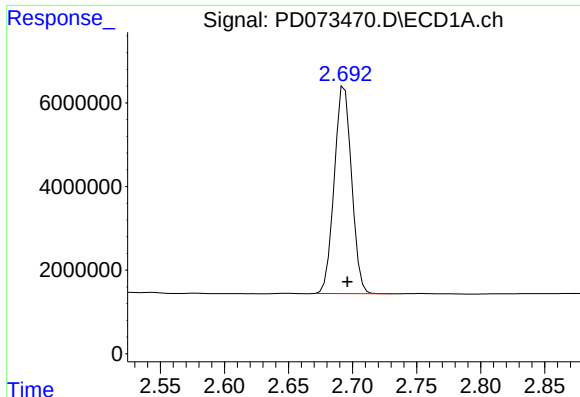
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/27/2022
Supervised By :Ankita Jodhani 12/28/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 06:33:37 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121622.M
Quant Title : GC Extractables
QLast Update : Fri Dec 16 15:46:21 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





#1 Tetrachloro-m-xylene

R.T.: 2.694 min
Delta R.T.: -0.002 min
Response: 46658284
Conc: 22.26 ng/ml

Instrument :

ECD_D

ClientSampleId :

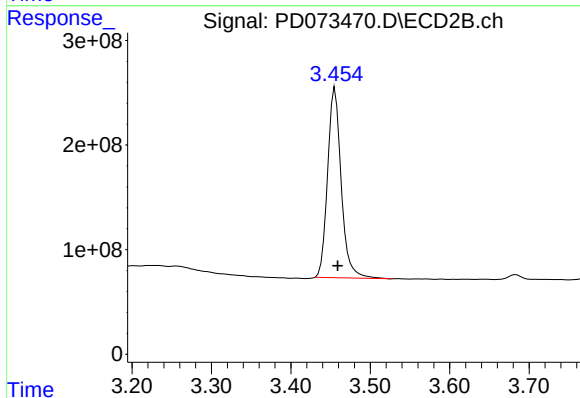
PB149878BSD

Manual Integrations

APPROVED

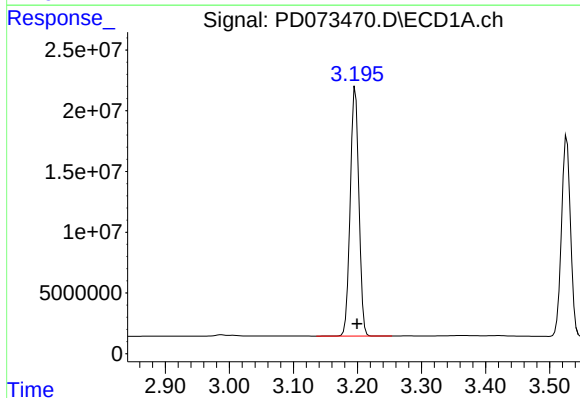
Reviewed By :Abdul Mirza 12/27/2022

Supervised By :Ankita Jodhani 12/28/2022



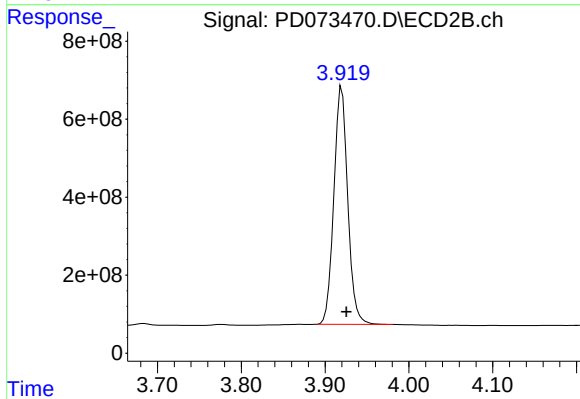
#1 Tetrachloro-m-xylene

R.T.: 3.456 min
Delta R.T.: -0.004 min
Response: 2162511948
Conc: 21.99 ng/ml



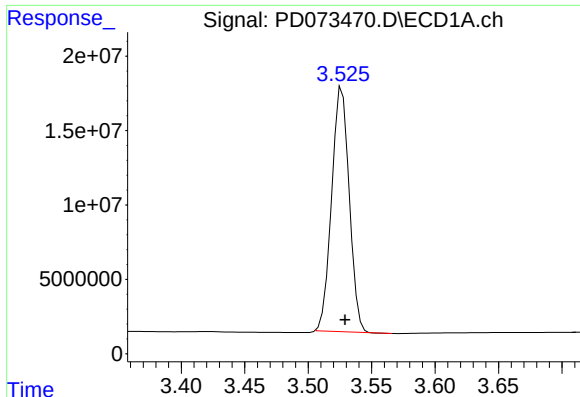
#2 alpha-BHC

R.T.: 3.197 min
Delta R.T.: -0.002 min
Response: 192377954
Conc: 55.62 ng/ml



#2 alpha-BHC

R.T.: 3.920 min
Delta R.T.: -0.005 min
Response: 7009164422
Conc: 52.44 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 3.527 min
Delta R.T.: -0.002 min
Response: 158297394
Conc: 57.57 ng/ml

Instrument :

ECD_D

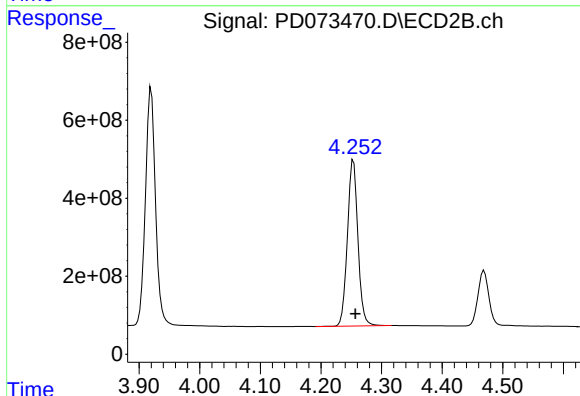
ClientSampleId :

PB149878BSD

Manual Integrations

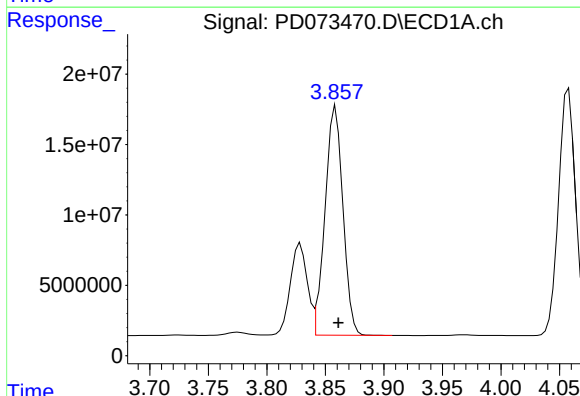
APPROVED

Reviewed By :Abdul Mirza 12/27/2022
Supervised By :Ankita Jodhani 12/28/2022



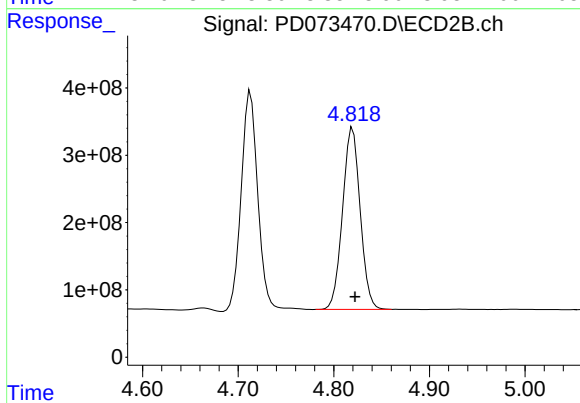
#3 gamma-BHC (Lindane)

R.T.: 4.254 min
Delta R.T.: -0.003 min
Response: 5137960724
Conc: 52.07 ng/ml



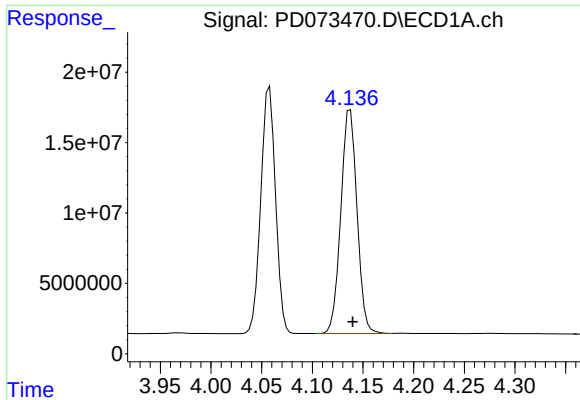
#4 Heptachlor

R.T.: 3.859 min
Delta R.T.: -0.002 min
Response: 172472362
Conc: 55.13 ng/ml



#4 Heptachlor

R.T.: 4.820 min
Delta R.T.: -0.003 min
Response: 3469737751
Conc: 54.45 ng/ml



#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.003 min
Response: 176624528
Conc: 57.01 ng/ml

Instrument :

ECD_D

ClientSampleId :

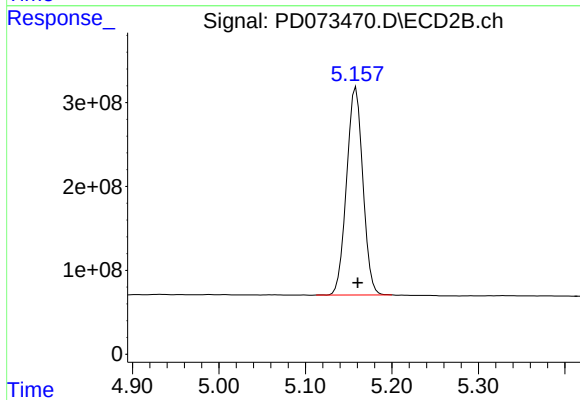
PB149878BSD

Manual Integrations

APPROVED

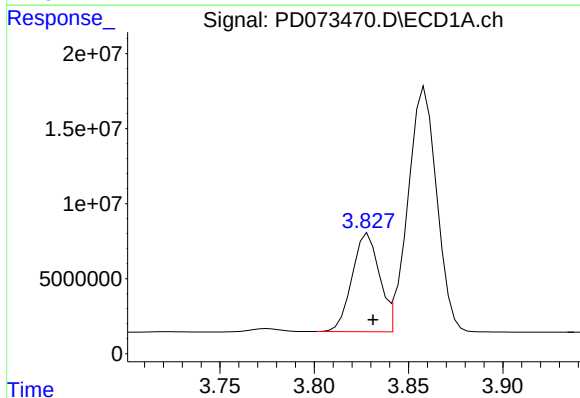
Reviewed By :Abdul Mirza 12/27/2022

Supervised By :Ankita Jodhani 12/28/2022



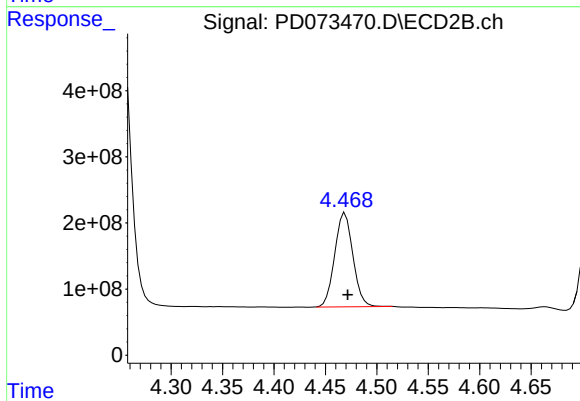
#5 Aldrin

R.T.: 5.158 min
Delta R.T.: -0.002 min
Response: 3223884523
Conc: 58.51 ng/ml



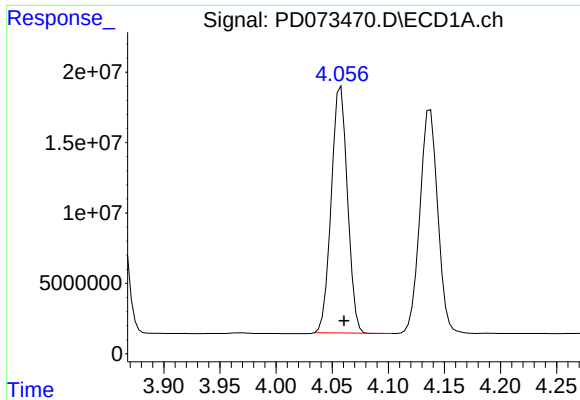
#6 beta-BHC

R.T.: 3.829 min
Delta R.T.: -0.002 min
Response: 65789520
Conc: 51.81 ng/ml



#6 beta-BHC

R.T.: 4.469 min
Delta R.T.: -0.002 min
Response: 1750911306
Conc: 51.67 ng/ml



#7 delta-BHC

R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 176028641
Conc: 55.91 ng/ml

Instrument :

ECD_D

ClientSampleId :

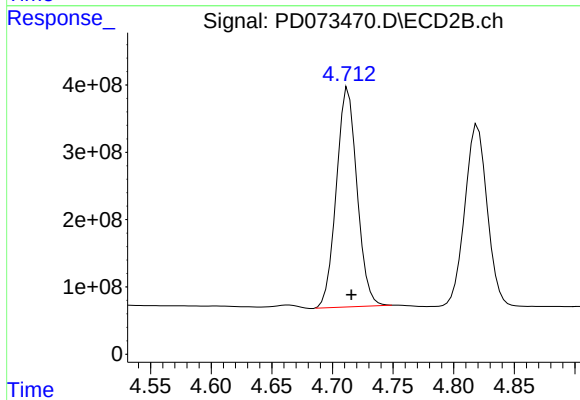
PB149878BSD

Manual Integrations

APPROVED

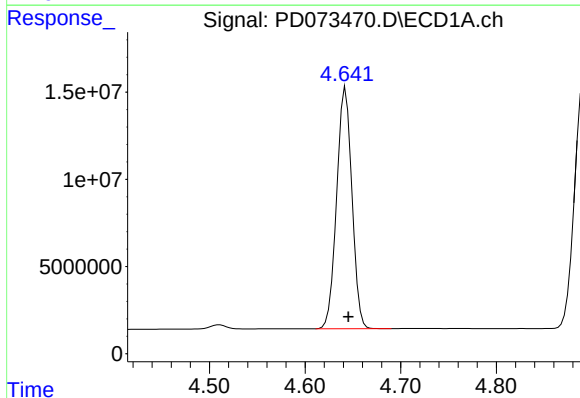
Reviewed By :Abdul Mirza 12/27/2022

Supervised By :Ankita Jodhani 12/28/2022



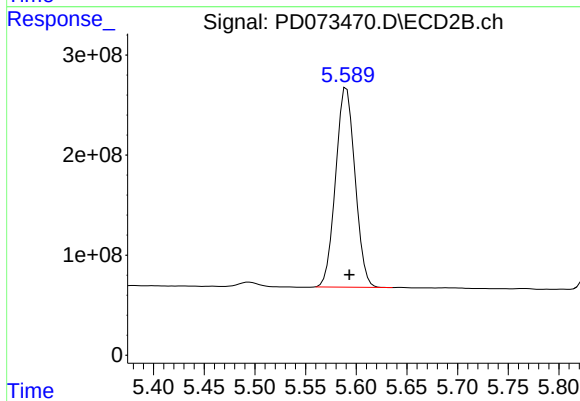
#7 delta-BHC

R.T.: 4.713 min
Delta R.T.: -0.003 min
Response: 3860920107
Conc: 58.19 ng/ml



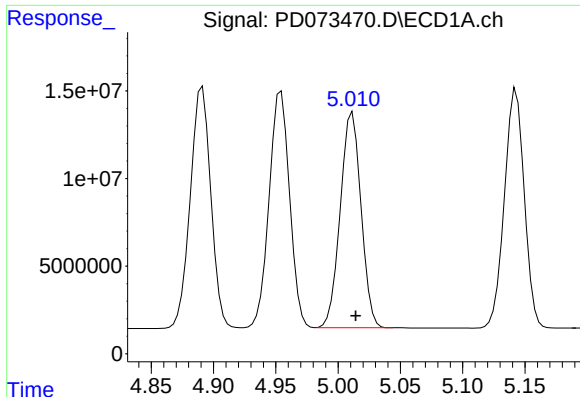
#8 Heptachlor epoxide

R.T.: 4.642 min
Delta R.T.: -0.003 min
Response: 153458247
Conc: 55.37 ng/ml



#8 Heptachlor epoxide

R.T.: 5.590 min
Delta R.T.: -0.003 min
Response: 2653989897
Conc: 59.53 ng/ml



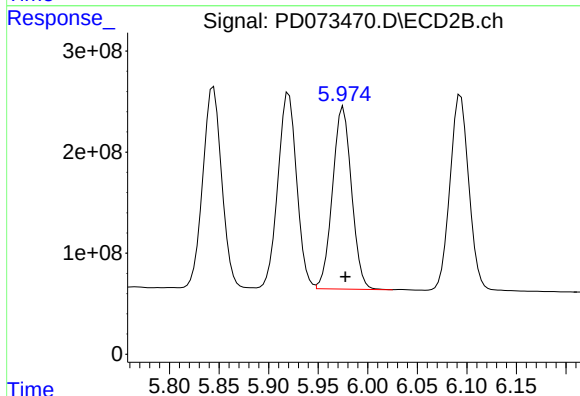
#9 Endosulfan I

R.T.: 5.011 min
Delta R.T.: -0.003 min
Response: 143210530
Conc: 54.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149878BSD

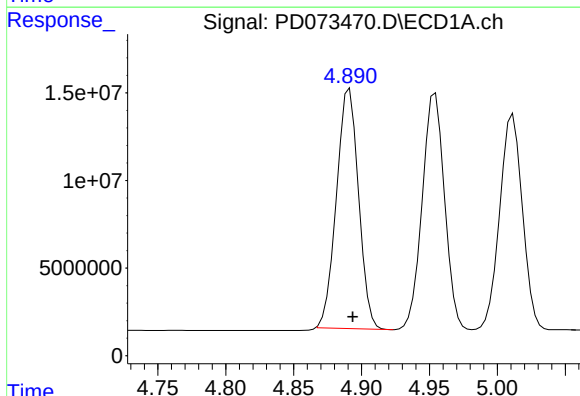
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/27/2022
Supervised By :Ankita Jodhani 12/28/2022



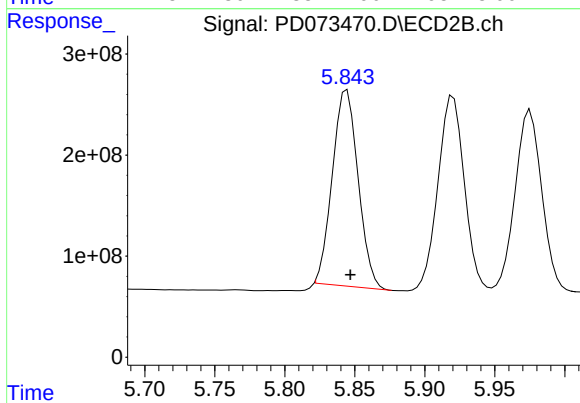
#9 Endosulfan I

R.T.: 5.975 min
Delta R.T.: -0.002 min
Response: 2409940136
Conc: 58.05 ng/ml



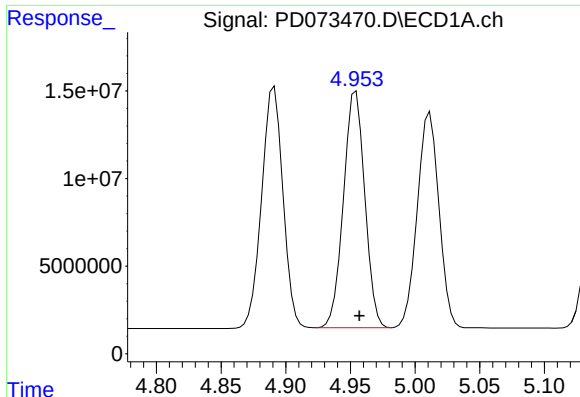
#10 gamma-Chlordane

R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 154909718
Conc: 54.29 ng/ml



#10 gamma-Chlordane

R.T.: 5.844 min
Delta R.T.: -0.002 min
Response: 2472346025
Conc: 55.31 ng/ml



#11 alpha-Chlordane

R.T.: 4.954 min
Delta R.T.: -0.003 min
Response: 154501657
Conc: 54.84 ng/ml

Instrument :

ECD_D

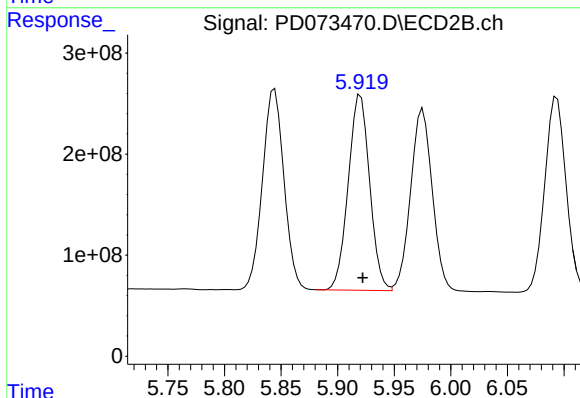
ClientSampleId :

PB149878BSD

Manual Integrations

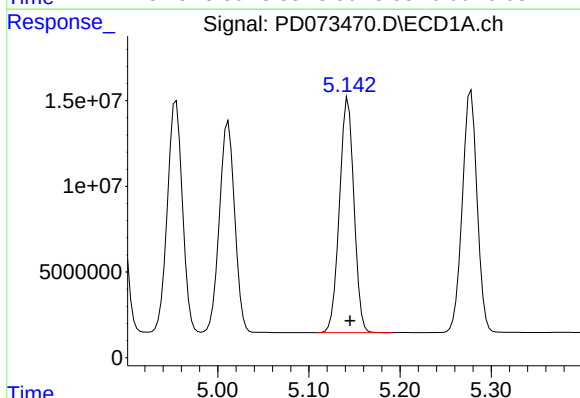
APPROVED

Reviewed By :Abdul Mirza 12/27/2022
Supervised By :Ankita Jodhani 12/28/2022



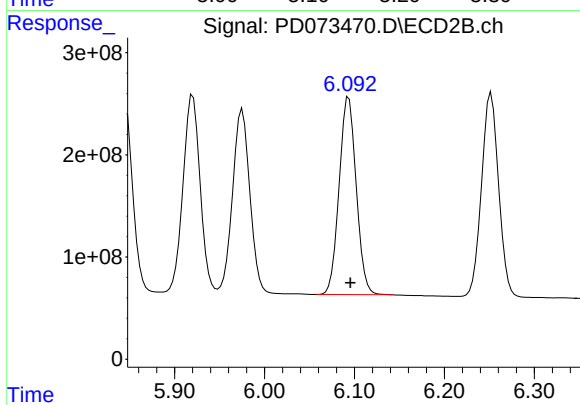
#11 alpha-Chlordane

R.T.: 5.920 min
Delta R.T.: -0.002 min
Response: 2548446404
Conc: 58.23 ng/ml



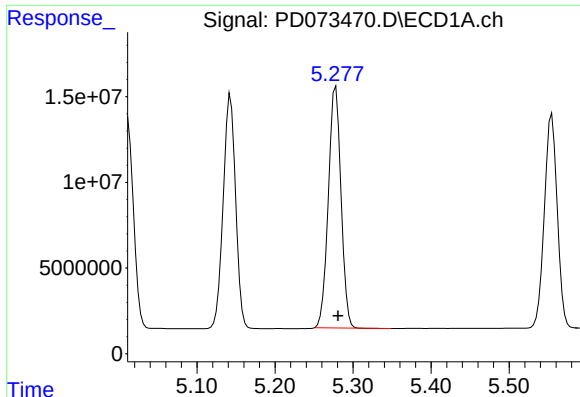
#12 4,4'-DDE

R.T.: 5.143 min
Delta R.T.: -0.002 min
Response: 151392330
Conc: 55.91 ng/ml



#12 4,4'-DDE

R.T.: 6.094 min
Delta R.T.: -0.002 min
Response: 2551299681
Conc: 60.37 ng/ml



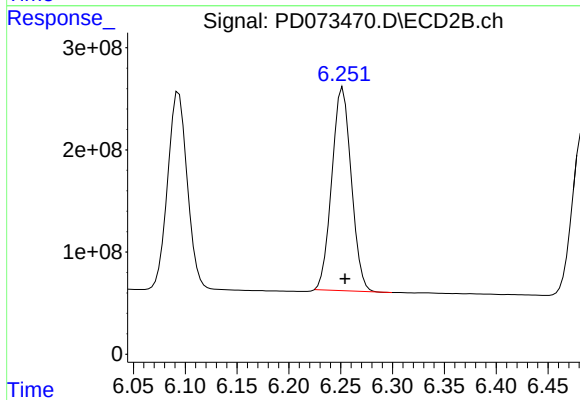
#13 Dieldrin

R.T.: 5.278 min
Delta R.T.: -0.003 min
Response: 158960591
Conc: 56.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149878BSD

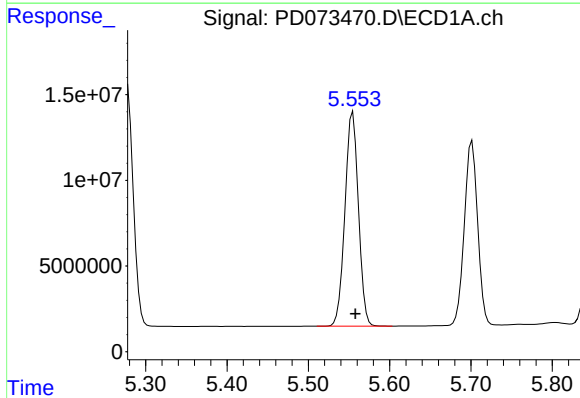
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/27/2022
Supervised By :Ankita Jodhani 12/28/2022



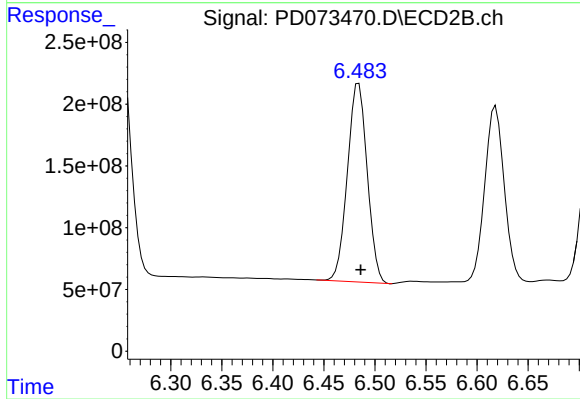
#13 Dieldrin

R.T.: 6.252 min
Delta R.T.: -0.002 min
Response: 2592150923
Conc: 61.70 ng/ml



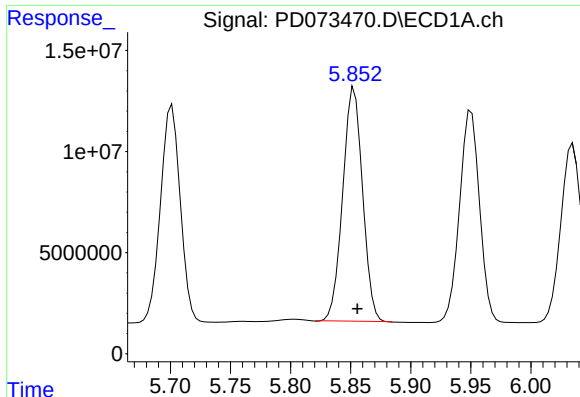
#14 Endrin

R.T.: 5.555 min
Delta R.T.: -0.003 min
Response: 143525861
Conc: 55.90 ng/ml



#14 Endrin

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 2170585104
Conc: 66.07 ng/ml



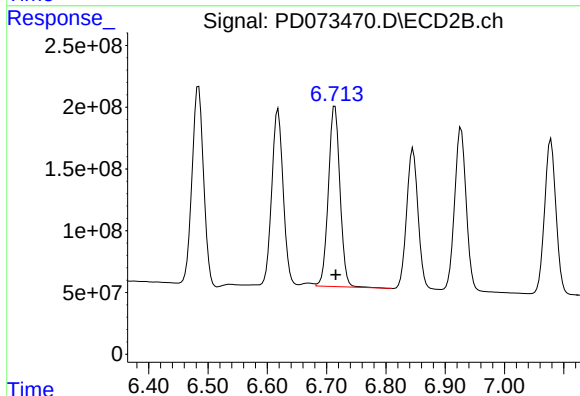
#15 Endosulfan II

R.T.: 5.852 min
Delta R.T.: -0.004 min
Response: 133015072
Conc: 56.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149878BSD

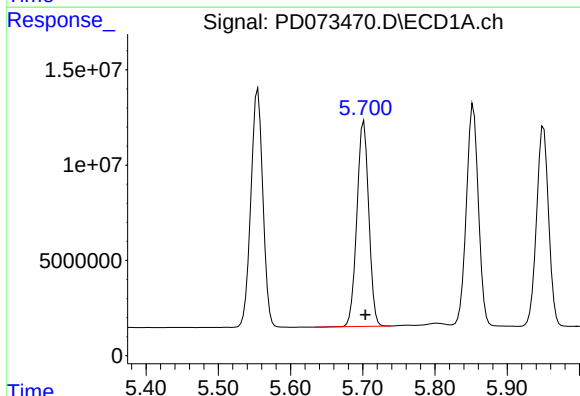
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/27/2022
Supervised By :Ankita Jodhani 12/28/2022



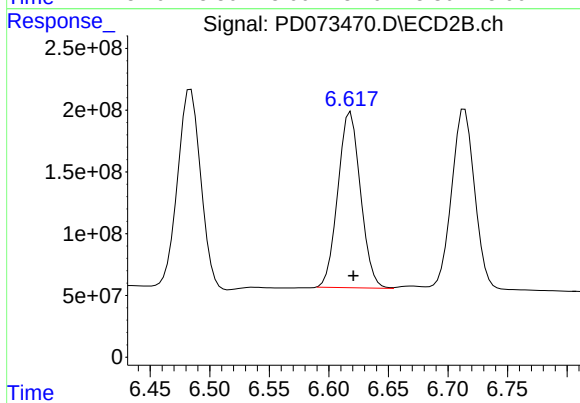
#15 Endosulfan II

R.T.: 6.714 min
Delta R.T.: -0.002 min
Response: 1980977425
Conc: 62.36 ng/ml



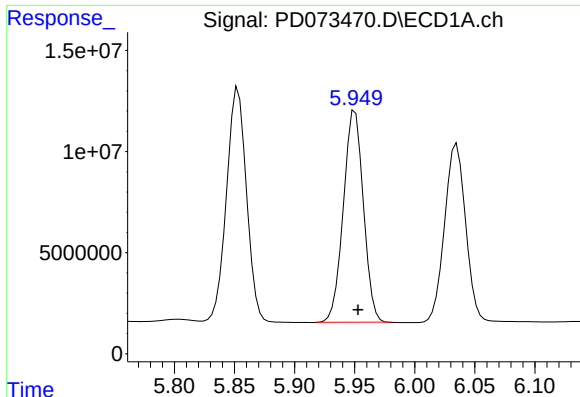
#16 4,4'-DDD

R.T.: 5.702 min
Delta R.T.: -0.002 min
Response: 123273267
Conc: 54.66 ng/ml



#16 4,4'-DDD

R.T.: 6.618 min
Delta R.T.: -0.002 min
Response: 1879943085
Conc: 60.17 ng/ml



#17 4,4'-DDT

R.T.: 5.949 min
Delta R.T.: -0.004 min
Response: 121511009
Conc: 54.85 ng/ml

Instrument :

ECD_D

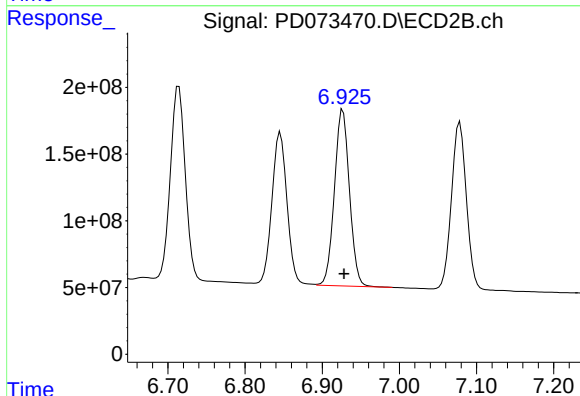
ClientSampleId :

PB149878BSD

Manual Integrations

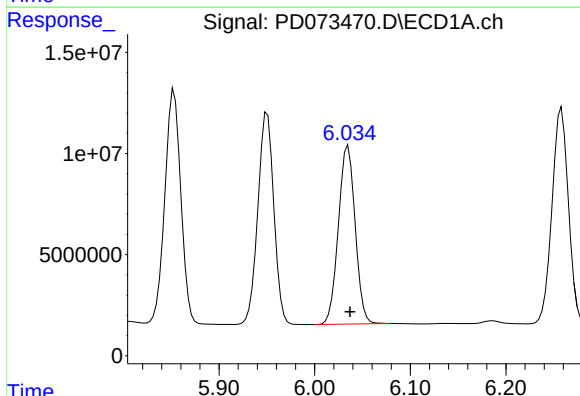
APPROVED

Reviewed By :Abdul Mirza 12/27/2022
Supervised By :Ankita Jodhani 12/28/2022



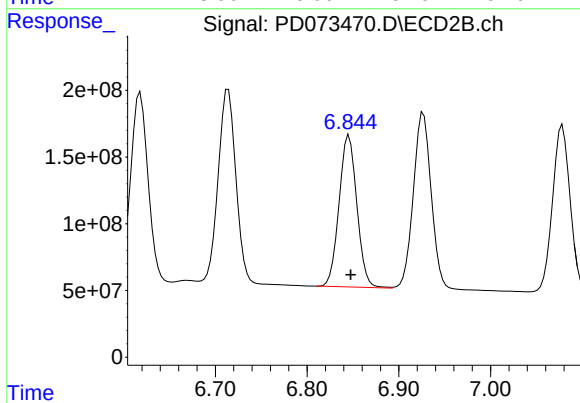
#17 4,4'-DDT

R.T.: 6.927 min
Delta R.T.: -0.001 min
Response: 1791140120
Conc: 59.27 ng/ml



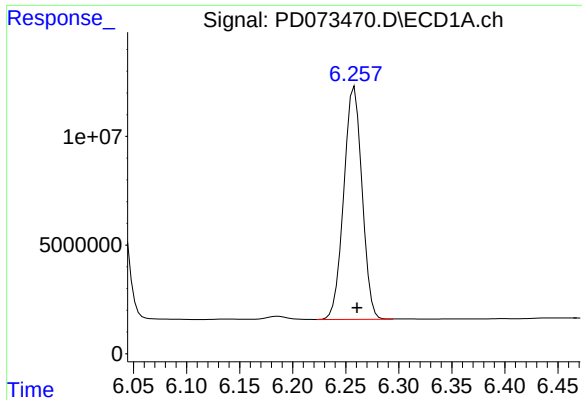
#18 Endrin aldehyde

R.T.: 6.035 min
Delta R.T.: -0.002 min
Response: 107825416
Conc: 57.28 ng/ml



#18 Endrin aldehyde

R.T.: 6.846 min
Delta R.T.: -0.002 min
Response: 1531675634
Conc: 65.34 ng/ml



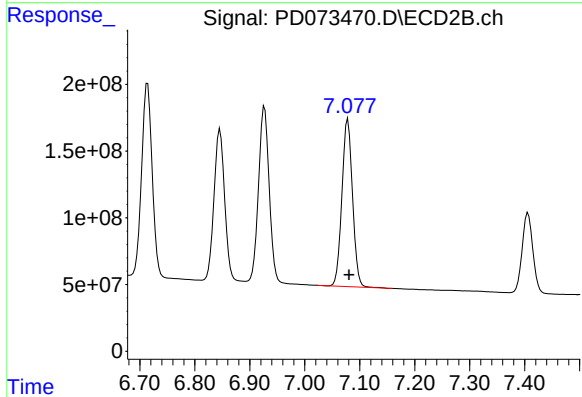
#19 Endosulfan Sulfate

R.T.: 6.258 min
Delta R.T.: -0.002 min
Response: 128120005
Conc: 53.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149878BSD

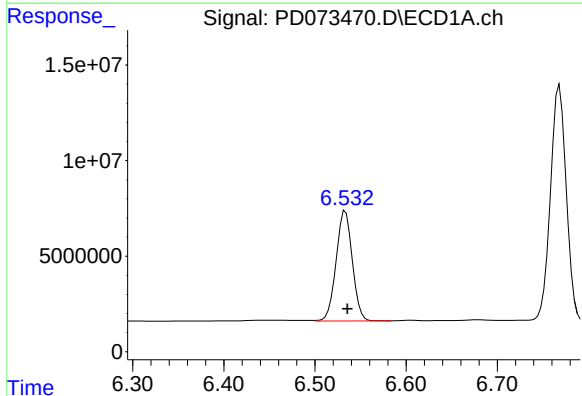
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/27/2022
Supervised By :Ankita Jodhani 12/28/2022



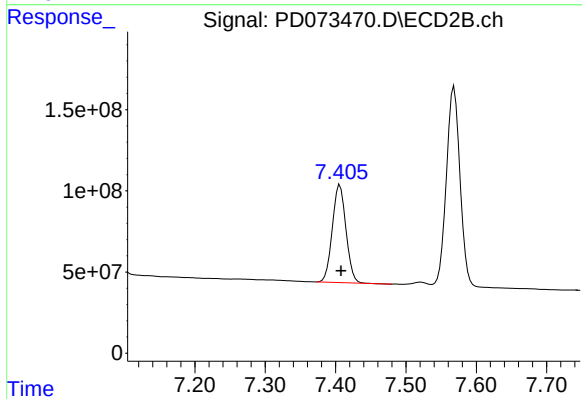
#19 Endosulfan Sulfate

R.T.: 7.078 min
Delta R.T.: -0.002 min
Response: 1682816529
Conc: 61.51 ng/ml



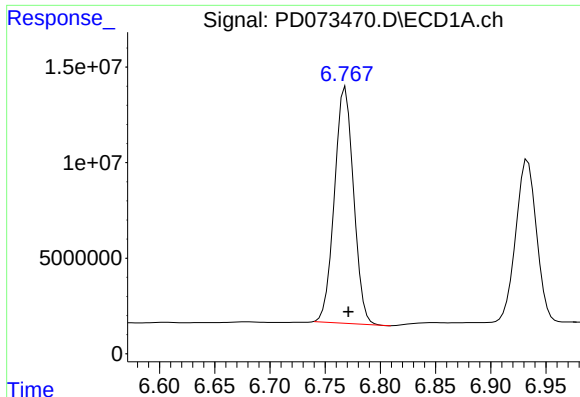
#20 Methoxychlor

R.T.: 6.533 min
Delta R.T.: -0.002 min
Response: 71094345
Conc: 53.34 ng/ml



#20 Methoxychlor

R.T.: 7.406 min
Delta R.T.: -0.002 min
Response: 812116699
Conc: 60.00 ng/ml



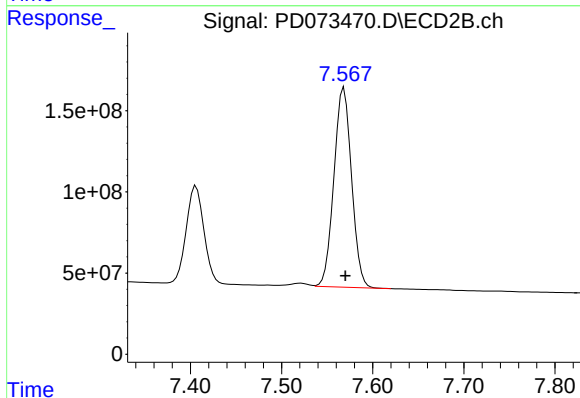
#21 Endrin ketone

R.T.: 6.768 min
Delta R.T.: -0.003 min
Response: 148975034
Conc: 54.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149878BSD

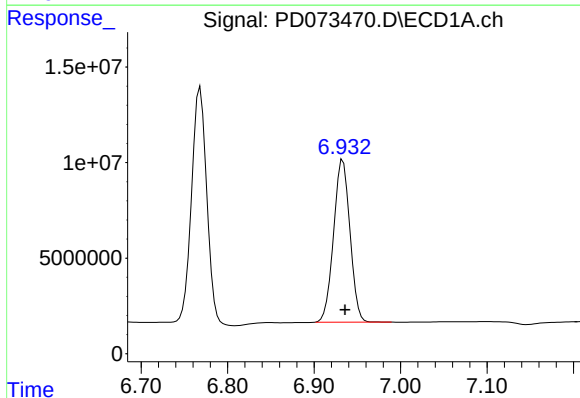
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/27/2022
Supervised By :Ankita Jodhani 12/28/2022



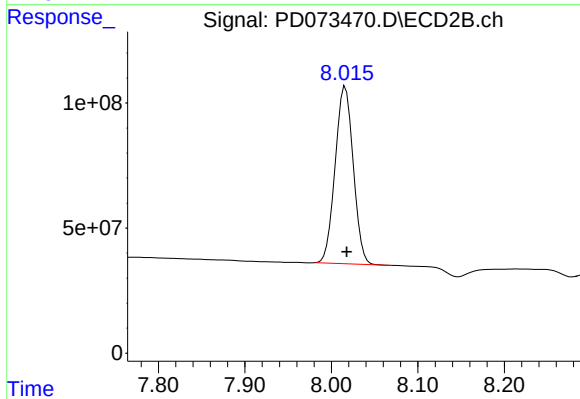
#21 Endrin ketone

R.T.: 7.569 min
Delta R.T.: -0.002 min
Response: 1651100678
Conc: 60.14 ng/ml



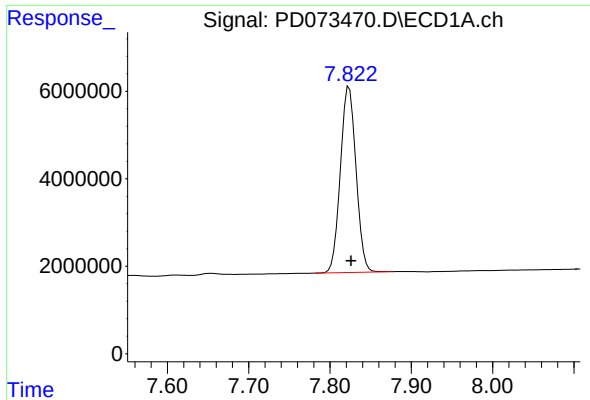
#22 Mirex

R.T.: 6.933 min
Delta R.T.: -0.002 min
Response: 111459403
Conc: 53.62 ng/ml



#22 Mirex

R.T.: 8.016 min
Delta R.T.: -0.001 min
Response: 1024527208
Conc: 58.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.824 min
Delta R.T.: -0.002 min
Response: 56713464
Conc: 23.42 ng/ml

Instrument :

ECD_D

ClientSampleId :

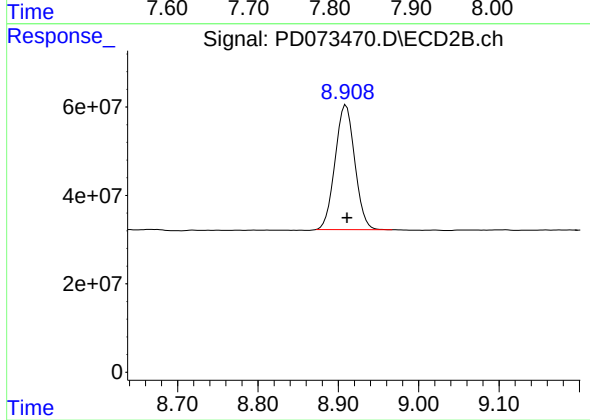
PB149878BSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 12/27/2022

Supervised By :Ankita Jodhani 12/28/2022



#28 Decachlorobiphenyl

R.T.: 8.910 min
Delta R.T.: -0.001 min
Response: 481306461
Conc: 27.30 ng/ml