

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022624\
 Data File : PL088282.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2024 13:31
 Operator : AR\AJ
 Sample : PB159225BS
 Misc : TOX BS
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB159225BS

Manual Integrations APPROVED

Reviewed By :Abdul
 Mirza

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 23:53:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 16 21:46:54 2024
 Response via : Initial Calibration
 Integrator: ChemStation

02/27/2024
 Supervised By :Ankita
 Jodhani

Volume Inj. : 1 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 x0.5µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	02/27/2024

System Monitoring Compounds							
1) SA Tetrachlo...	3.641	2.855	53069099	25679740	19.321	18.310	
28) SA Decachlor...	9.310	8.087	46904043	26650381	24.354	20.930	
Target Compounds							
2) A alpha-BHC	4.105	3.368	479679	580719	0.115	0.283 #	
3) MA gamma-BHC...	0.000	3.702	0	245515	N.D.	0.123 #	
5) MB Aldrin	0.000	4.320f	0	26398	N.D.	0.014 #	
6) B beta-BHC	0.000	4.019	0	107437	N.D.	0.121 #	
7) B delta-BHC	0.000	4.237	0	69578	N.D.	0.035 #	
8) B Heptachlo...	5.821	4.853	1738462	168192	0.496	0.097 #	
9) A Endosulfan I	6.189f	0.000	449265	0	0.144	N.D. #	
10) B gamma-Chl...	6.052f	5.131f	487357	2210013	0.143	1.239 #	
11) B alpha-Chl...	6.142f	5.196f	820817	351782	0.241	0.197	
12) B 4,4'-DDE	6.311f	5.351	923208	368478	0.304	0.232	
14) MA Endrin	6.733	5.796f	1462470	869207	0.562	0.581	
15) B Endosulfa...	0.000	6.072	0	1826450	N.D.	1.199 #	
16) A 4,4'-DDD	6.852	5.946f	2557975	681243	0.986	0.499 #	
17) MA 4,4'-DDT	0.000	6.187	0	1228309	N.D.	0.900 #	
18) B Endrin al...	7.088f	6.265	943528	-374144	0.456	N.D. #	
19) B Endosulfa...	7.307	6.480	10088782	229459	3.873	0.163 #	
20) A Methoxychlor	0.000	6.754	0	5286078	N.D.	6.745 #	
21) B Endrin ke...	7.782f	7.007	4382059	-826355	1.564	N.D. #	
22) Mirex	0.000	7.200f	0	6579149	N.D.	5.022 #	
23) Chlordane-1	0.000	3.876	0	8364	N.D.	0.162 #	
24) Chlordane-2	0.000	4.484f	0	207057	N.D.	3.259 #	
25) Chlordane-3	6.052f	5.131f	487357	2210013	0.965	11.869 #	
26) Chlordane-4	6.142f	5.196f	820817	351782	1.337	2.034 #	
27) Chlordane-5	7.011	5.857	8446353	209512	83.449	3.960 #	

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022624\
Data File : PL088282.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2024 13:31
Operator : AR\AJ
Sample : PB159225BS
Misc : TOX BS
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB159225BS

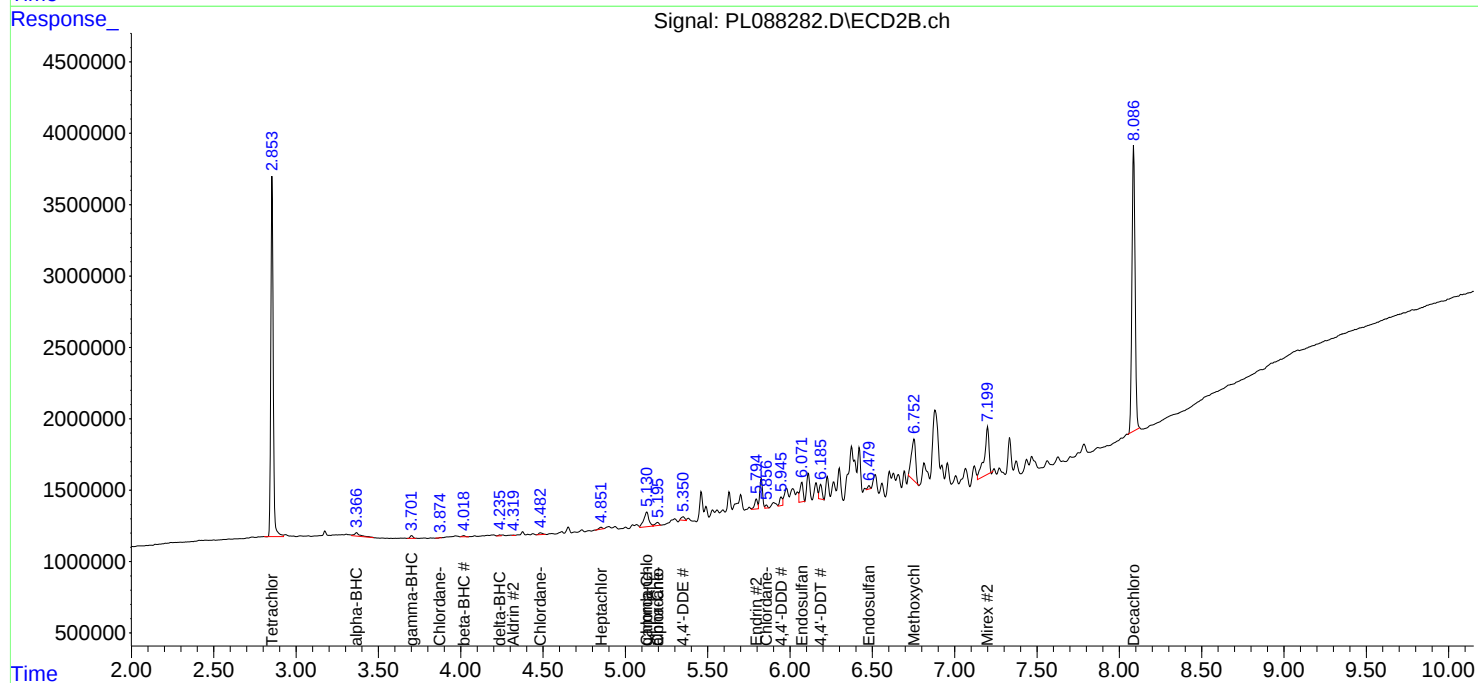
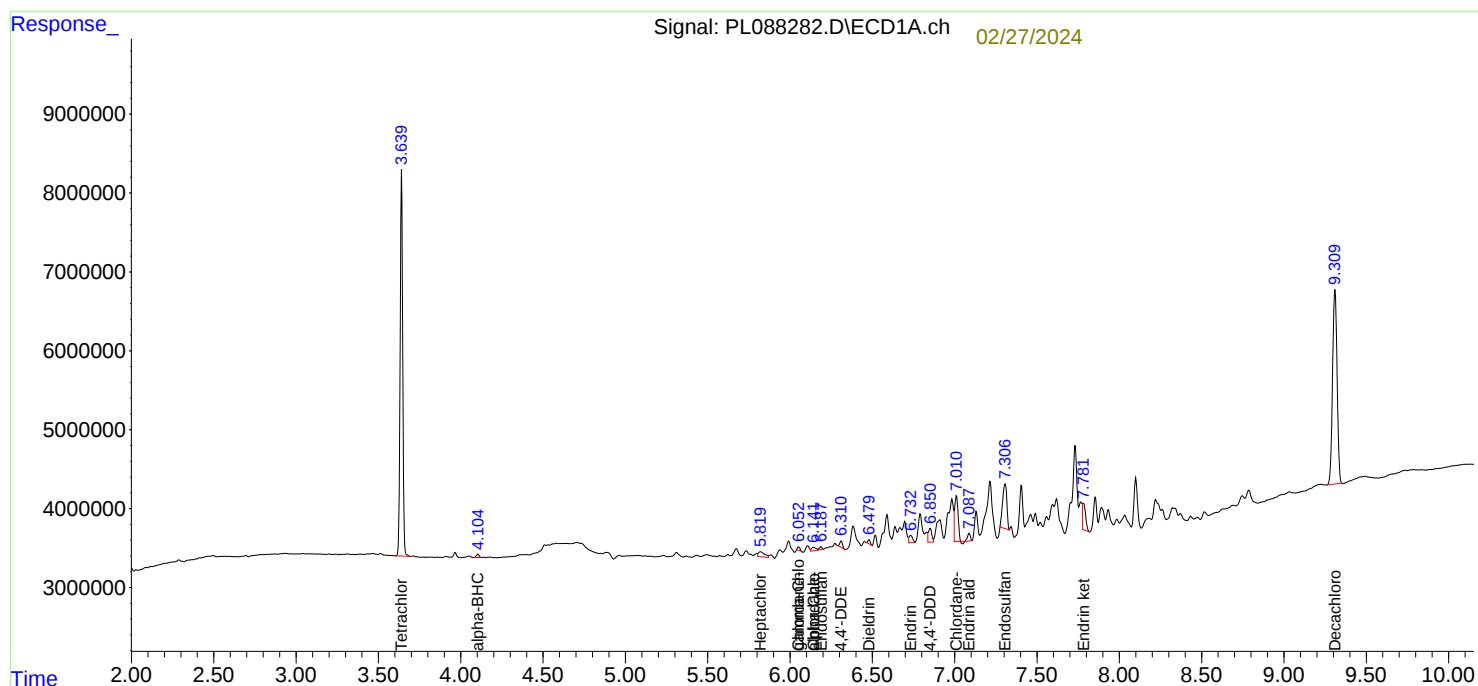
Manual Integrations
APPROVED

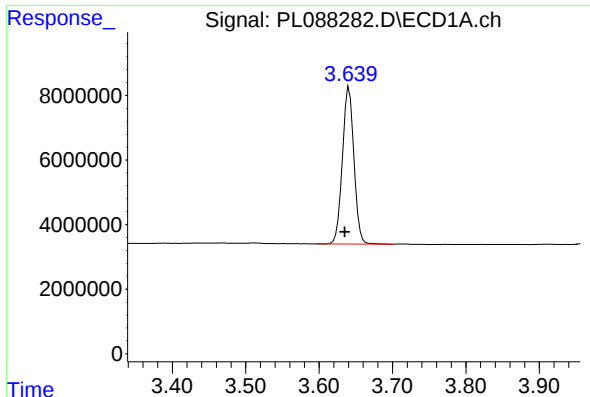
Reviewed By :Abdul
Mirza

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 23:53:01 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
Quant Title : GC Extractables
QLast Update : Fri Feb 16 21:46:54 2024
Response via : Initial Calibration
Integrator: ChemStation

02/27/2024
Supervised By :Ankita
Jodhani

Volume Inj. : 1 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 x0.5µm





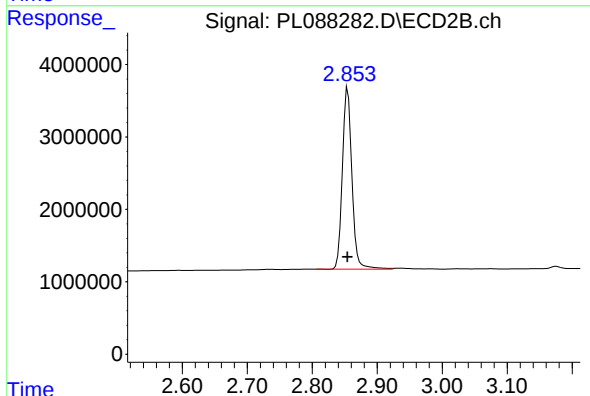
#1 Tetrachloro-m-xylene

R.T.: 3.641 min
Delta R.T.: 0.006 min
Response: 53069099
Conc: 19.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159225BS

Manual Integrations
APPROVED

Reviewed By :Abdul
Mirza

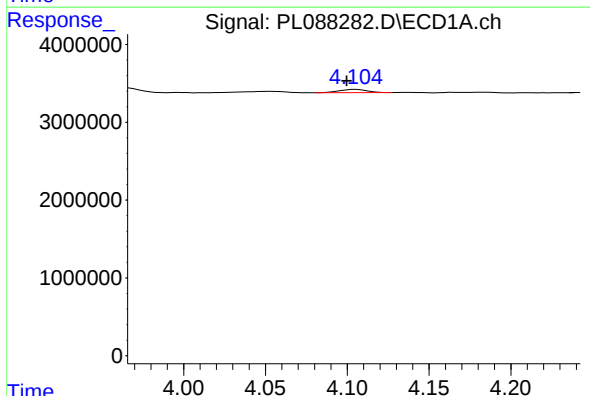


#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: 0.000 min
Response: 25679740
Conc: 18.31 ng/ml

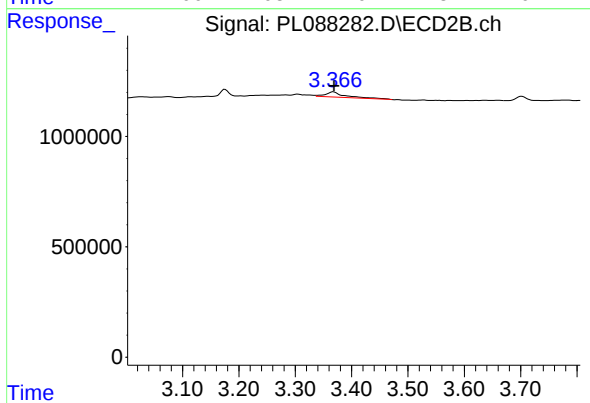
02/27/2024
Supervised By :Ankita
Jodhani

02/27/2024



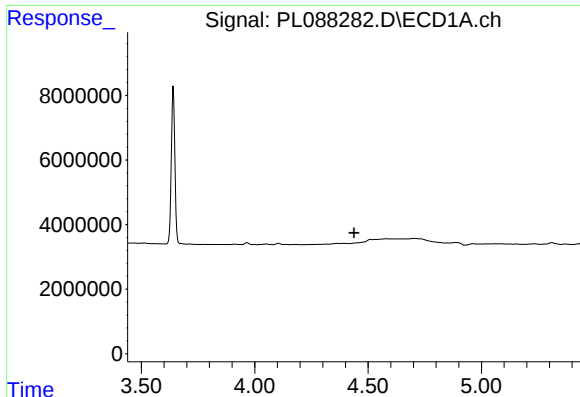
#2 alpha-BHC

R.T.: 4.105 min
Delta R.T.: 0.005 min
Response: 479679
Conc: 0.11 ng/ml



#2 alpha-BHC

R.T.: 3.368 min
Delta R.T.: 0.000 min
Response: 580719
Conc: 0.28 ng/ml



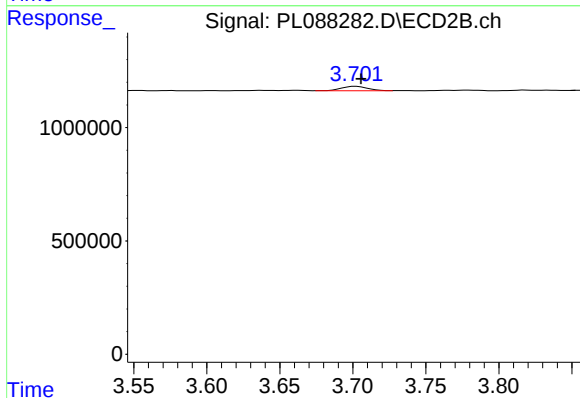
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T.: 4.438 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PB159225BS

Manual Integrations
APPROVED

Reviewed By :Abdul
Mirza

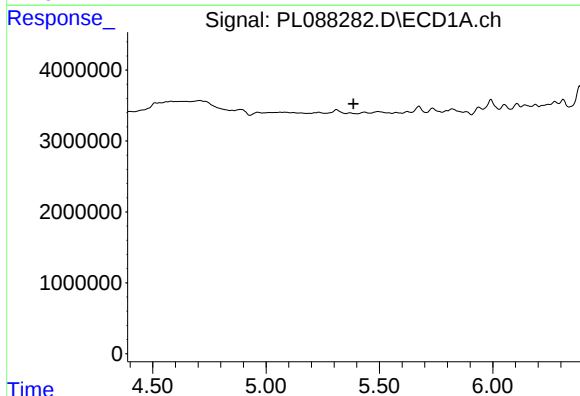


#3 gamma-BHC (Lindane)

R.T.: 3.702 min
Delta R.T.: -0.004 min
Response: 245515
Conc: 0.12 ng/ml

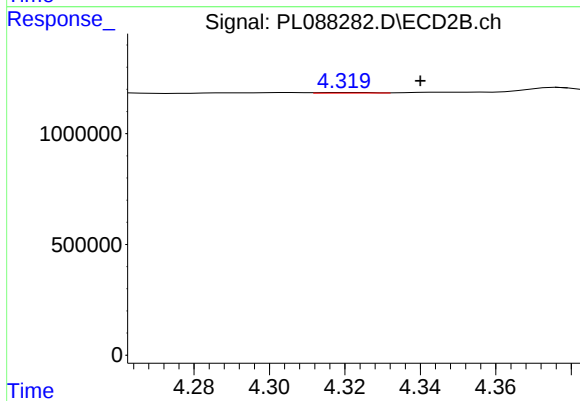
02/27/2024
Supervised By :Ankita
Jodhani

02/27/2024



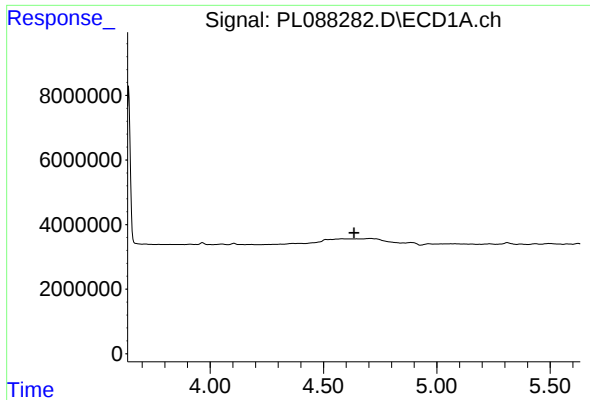
#5 Aldrin

R.T.: 0.000 min
Exp R.T.: 5.386 min
Response: 0
Conc: N.D.



#5 Aldrin

R.T.: 4.320 min
Delta R.T.: -0.020 min
Response: 26398
Conc: 0.01 ng/ml



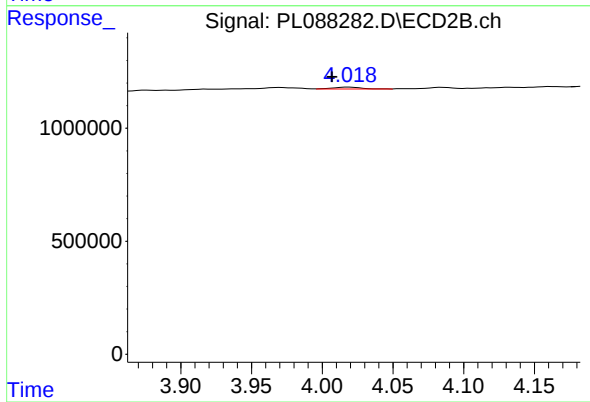
#6 beta-BHC

R.T.: 0.000 min
Exp R.T.: 4.635 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PB159225BS

Manual Integrations
APPROVED

Reviewed By :Abdul
Mirza

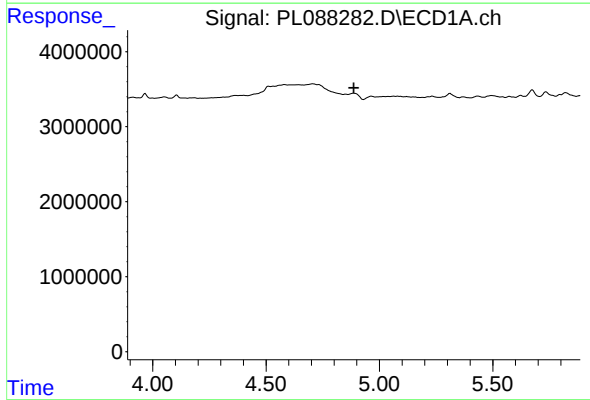


#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.012 min
Response: 107437
Conc: 0.12 ng/ml

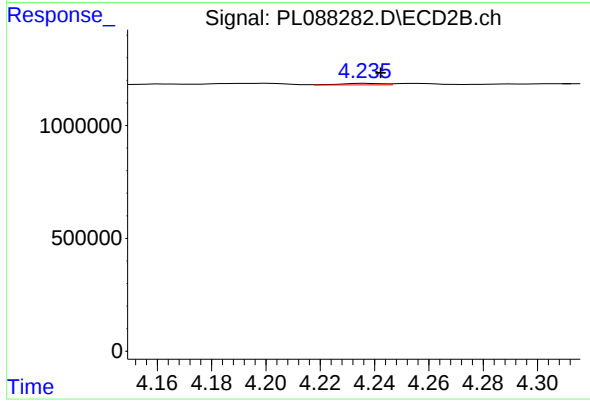
02/27/2024
Supervised By :Ankita
Jodhani

02/27/2024



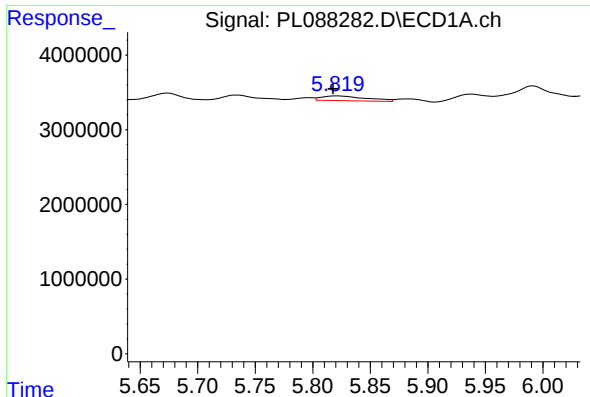
#7 delta-BHC

R.T.: 0.000 min
Exp R.T.: 4.887 min
Response: 0
Conc: N.D.



#7 delta-BHC

R.T.: 4.237 min
Delta R.T.: -0.005 min
Response: 69578
Conc: 0.03 ng/ml



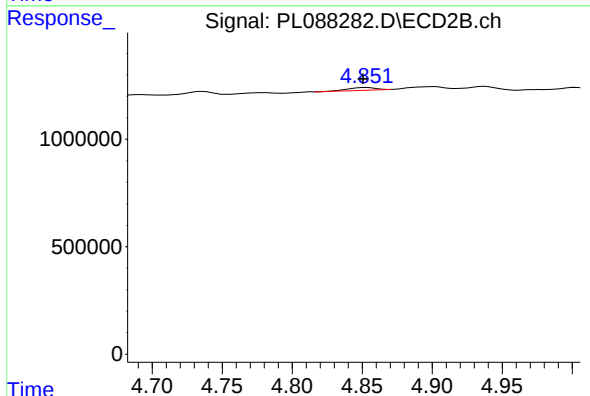
#8 Heptachlor epoxide

R.T.: 5.821 min
Delta R.T.: 0.003 min
Response: 1738462
Conc: 0.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159225BS

Manual Integrations
APPROVED

Reviewed By :Abdul
Mirza

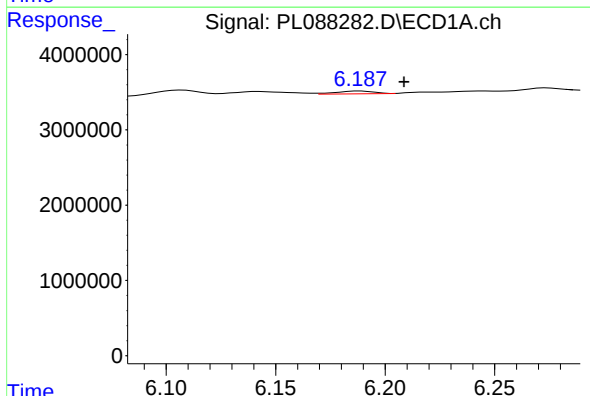


#8 Heptachlor epoxide

R.T.: 4.853 min
Delta R.T.: 0.002 min
Response: 168192
Conc: 0.10 ng/ml

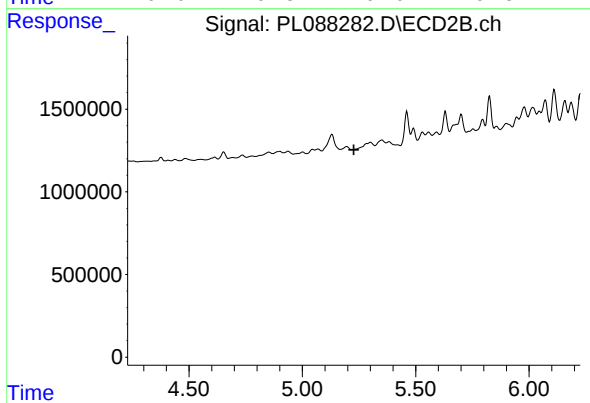
02/27/2024
Supervised By :Ankita
Jodhani

02/27/2024



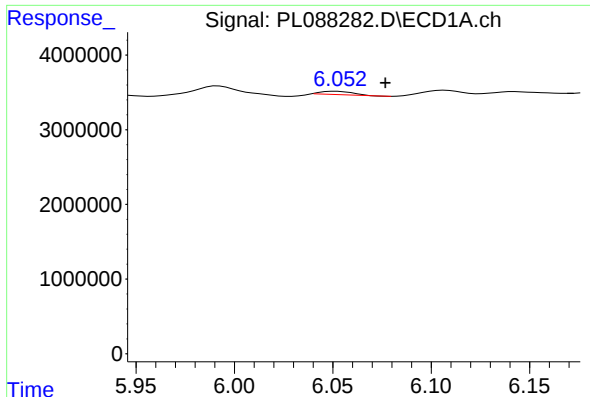
#9 Endosulfan I

R.T.: 6.189 min
Delta R.T.: -0.020 min
Response: 449265
Conc: 0.14 ng/ml



#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.226 min
Response: 0
Conc: N.D.



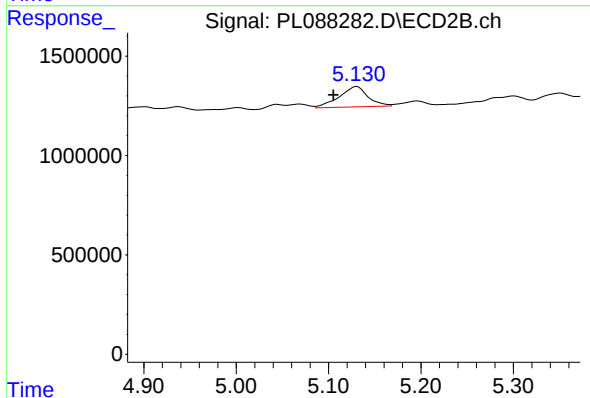
#10 gamma-Chlordane

R.T.: 6.052 min
Delta R.T.: -0.025 min
Response: 487357
Conc: 0.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159225BS

Manual Integrations
APPROVED

Reviewed By :Abdul
Mirza

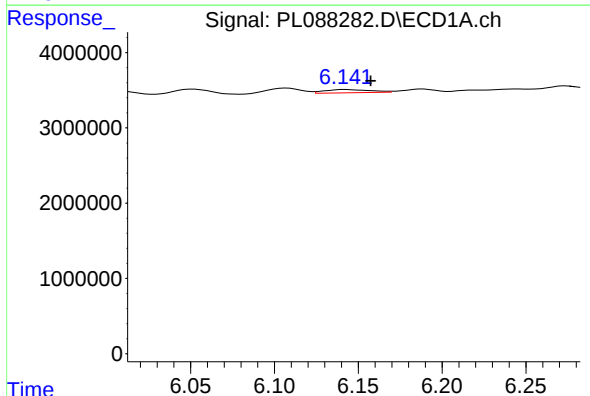


#10 gamma-Chlordane

R.T.: 5.131 min
Delta R.T.: 0.026 min
Response: 2210013
Conc: 1.24 ng/ml

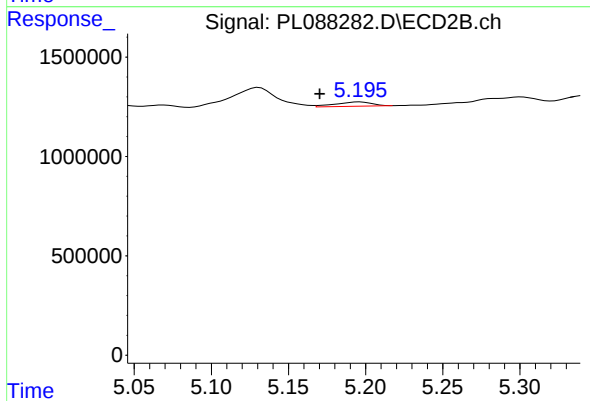
02/27/2024
Supervised By :Ankita
Jodhani

02/27/2024



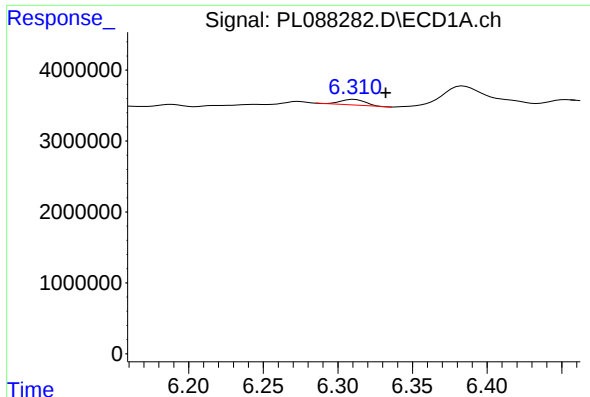
#11 alpha-Chlordane

R.T.: 6.142 min
Delta R.T.: -0.015 min
Response: 820817
Conc: 0.24 ng/ml



#11 alpha-Chlordane

R.T.: 5.196 min
Delta R.T.: 0.026 min
Response: 351782
Conc: 0.20 ng/ml



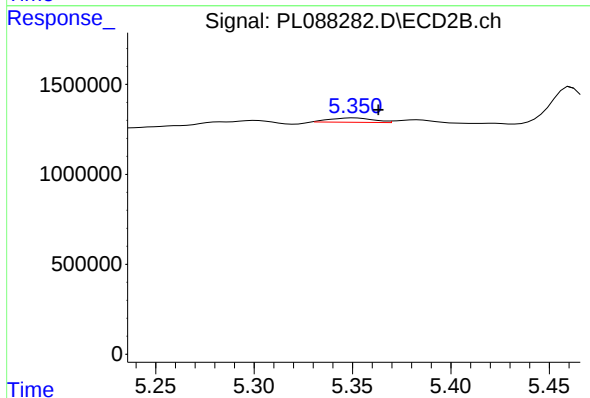
#12 4,4'-DDE

R.T.: 6.311 min
Delta R.T.: -0.021 min
Response: 923208
Conc: 0.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159225BS

Manual Integrations
APPROVED

Reviewed By :Abdul
Mirza

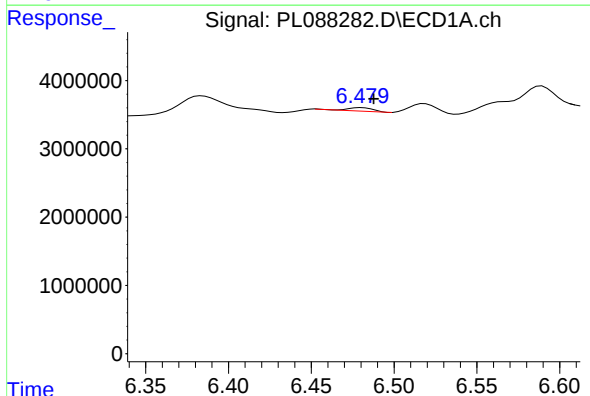


#12 4,4'-DDE

R.T.: 5.351 min
Delta R.T.: -0.012 min
Response: 368478
Conc: 0.23 ng/ml

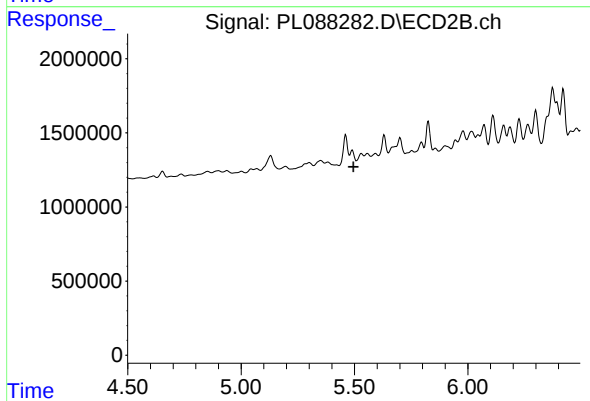
02/27/2024
Supervised By :Ankita
Jodhani

02/27/2024



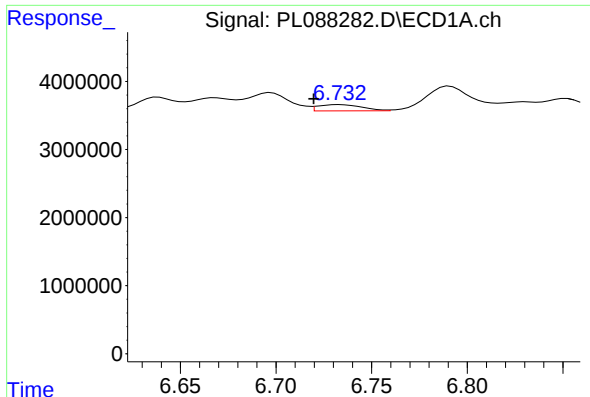
#13 Dieldrin

R.T.: 6.481 min
Delta R.T.: -0.007 min
Response: 547407
Conc: 0.17 ng/ml



#13 Dieldrin

R.T.: 5.490 min
Delta R.T.: -0.006 min
Response: -502795
Conc: N.D.



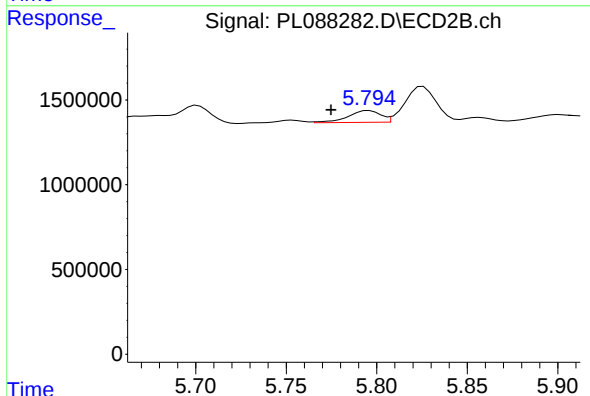
#14 Endrin

R.T.: 6.733 min
Delta R.T.: 0.013 min
Response: 1462470
Conc: 0.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159225BS

Manual Integrations
APPROVED

Reviewed By :Abdul
Mirza

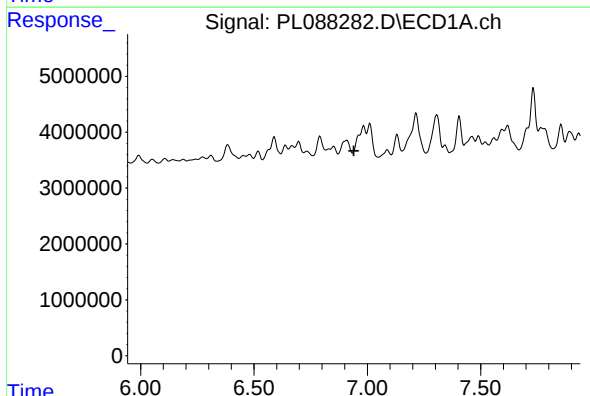


#14 Endrin

R.T.: 5.796 min
Delta R.T.: 0.021 min
Response: 869207
Conc: 0.58 ng/ml

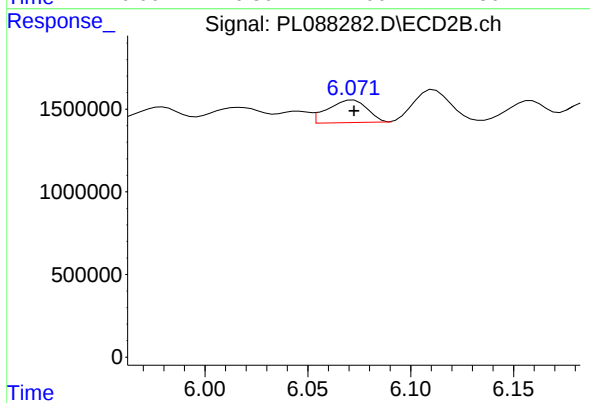
02/27/2024
Supervised By :Ankita
Jodhani

02/27/2024



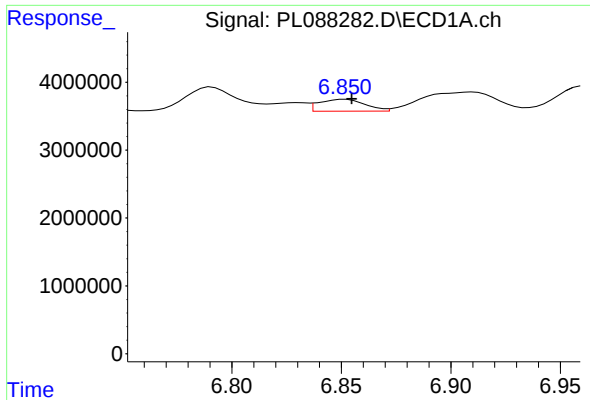
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.941 min
Response: 0
Conc: N.D.



#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 1826450
Conc: 1.20 ng/ml



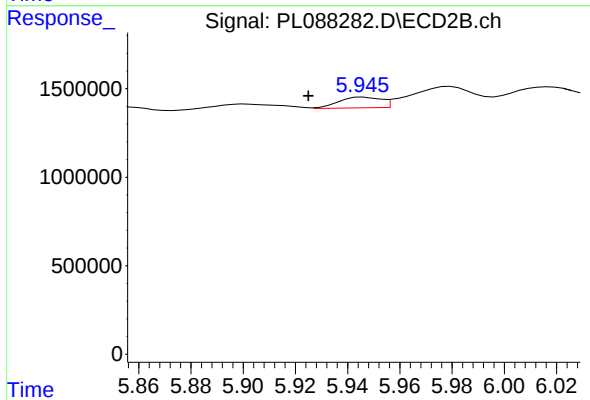
#16 4,4'-DDD

R.T.: 6.852 min
Delta R.T.: -0.003 min
Response: 2557975
Conc: 0.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159225BS

Manual Integrations
APPROVED

Reviewed By :Abdul
Mirza

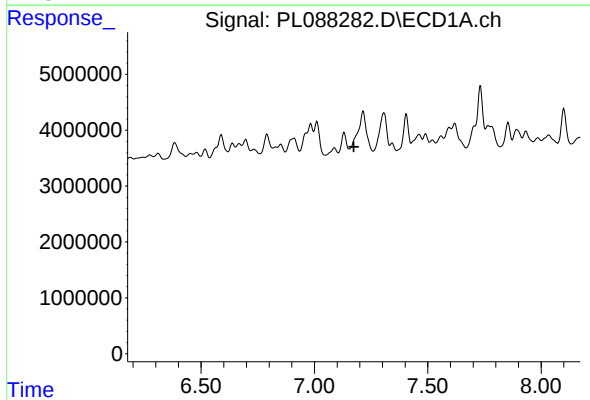


#16 4,4'-DDD

R.T.: 5.946 min
Delta R.T.: 0.021 min
Response: 681243
Conc: 0.50 ng/ml

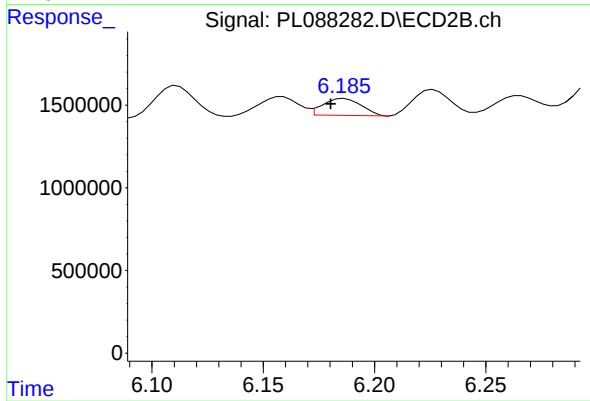
02/27/2024
Supervised By :Ankita
Jodhani

02/27/2024



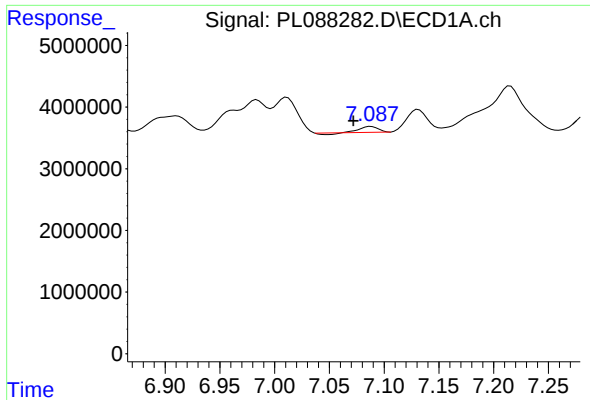
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T. : 7.174 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

R.T.: 6.187 min
Delta R.T.: 0.006 min
Response: 1228309
Conc: 0.90 ng/ml



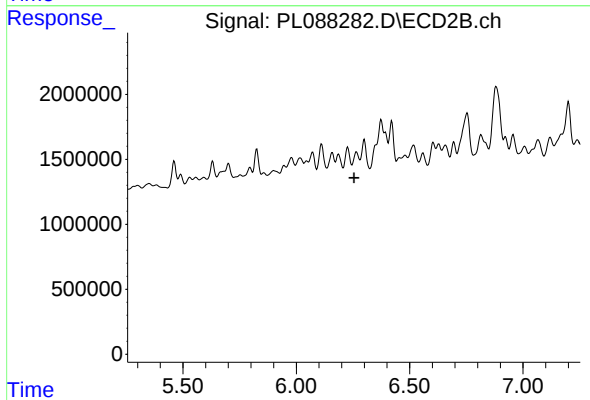
#18 Endrin aldehyde

R.T.: 7.088 min
Delta R.T.: 0.016 min
Response: 943528
Conc: 0.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159225BS

Manual Integrations
APPROVED

Reviewed By :Abdul
Mirza

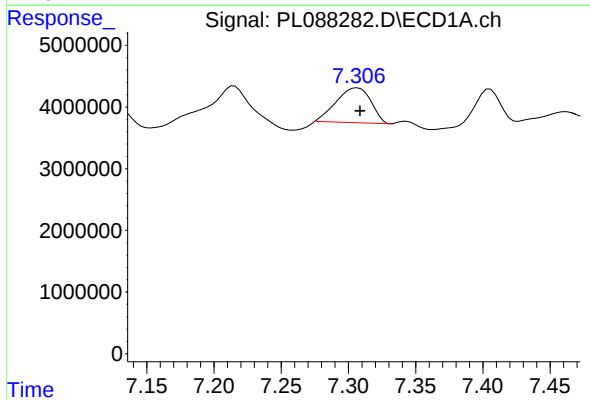


#18 Endrin aldehyde

R.T.: 6.265 min
Delta R.T.: 0.010 min
Response: -374144
Conc: N.D.

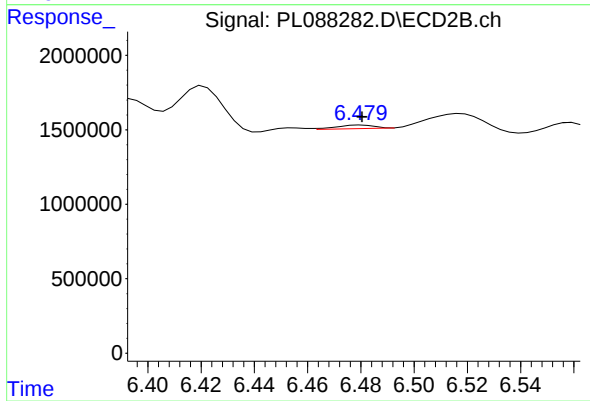
02/27/2024
Supervised By :Ankita
Jodhani

02/27/2024



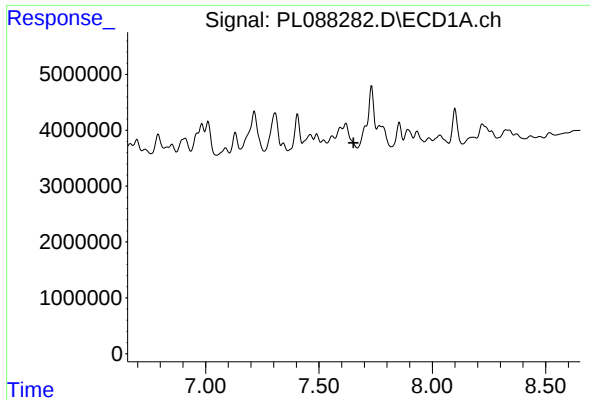
#19 Endosulfan Sulfate

R.T.: 7.307 min
Delta R.T.: -0.002 min
Response: 10088782
Conc: 3.87 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.480 min
Delta R.T.: 0.000 min
Response: 229459
Conc: 0.16 ng/ml



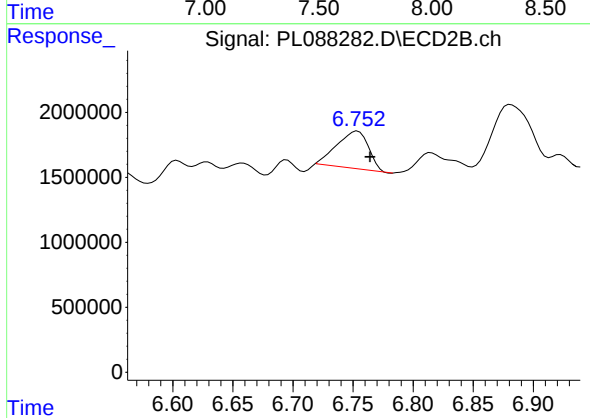
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T.: 7.653 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PB159225BS

Manual Integrations
APPROVED

Reviewed By :Abdul
Mirza

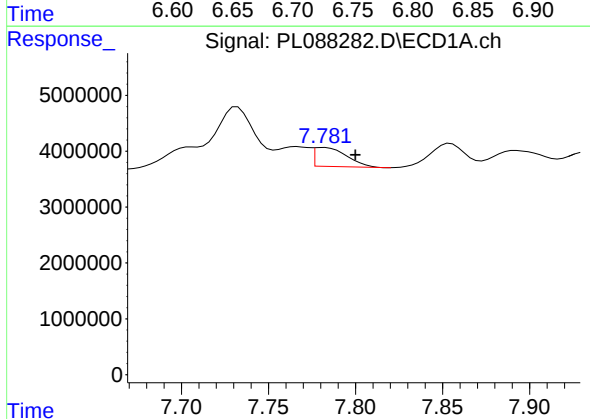


#20 Methoxychlor

R.T.: 6.754 min
Delta R.T.: -0.011 min
Response: 5286078
Conc: 6.74 ng/ml

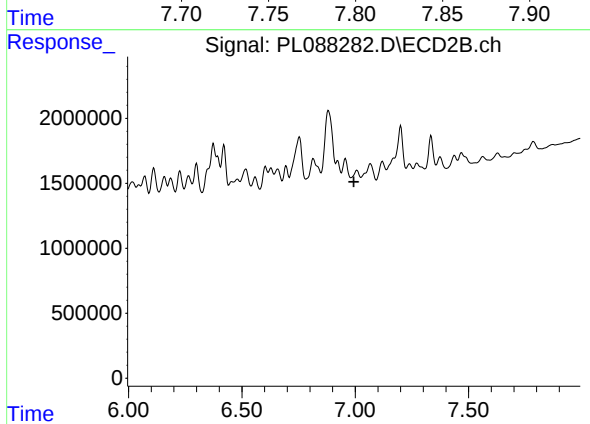
02/27/2024
Supervised By :Ankita
Jodhani

02/27/2024



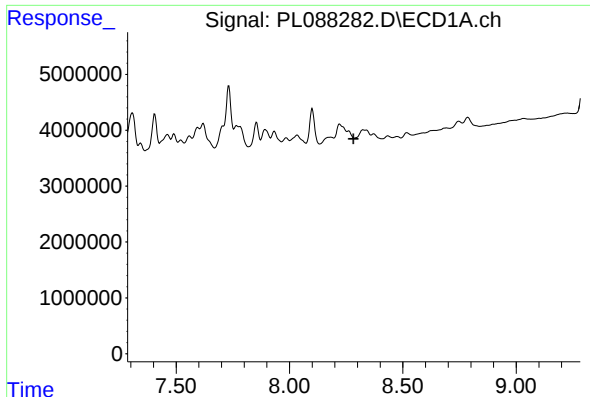
#21 Endrin ketone

R.T.: 7.782 min
Delta R.T.: -0.018 min
Response: 4382059
Conc: 1.56 ng/ml



#21 Endrin ketone

R.T.: 7.007 min
Delta R.T.: 0.014 min
Response: -826355
Conc: N.D.



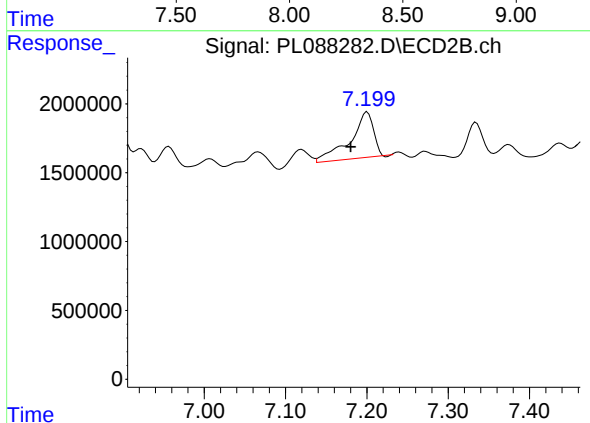
#22 Mirex

R.T.: 0.000 min
Exp R.T.: 8.283 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PB159225BS

Manual Integrations
APPROVED

Reviewed By :Abdul
Mirza

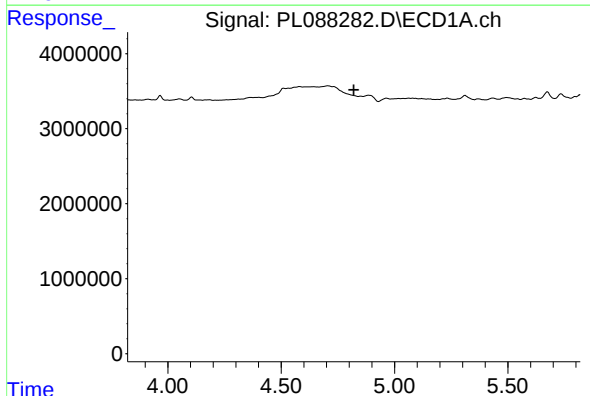


#22 Mirex

R.T.: 7.200 min
Delta R.T.: 0.020 min
Response: 6579149
Conc: 5.02 ng/ml

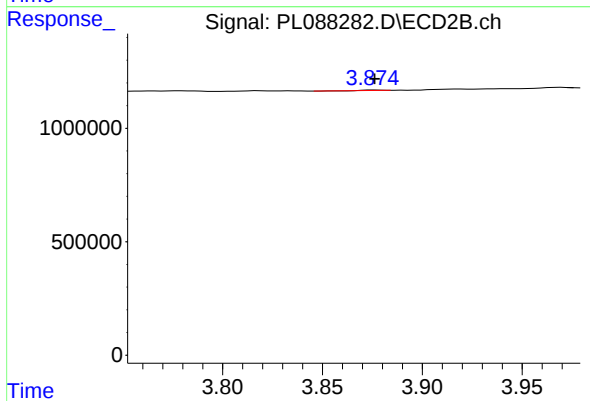
02/27/2024
Supervised By :Ankita
Jodhani

02/27/2024



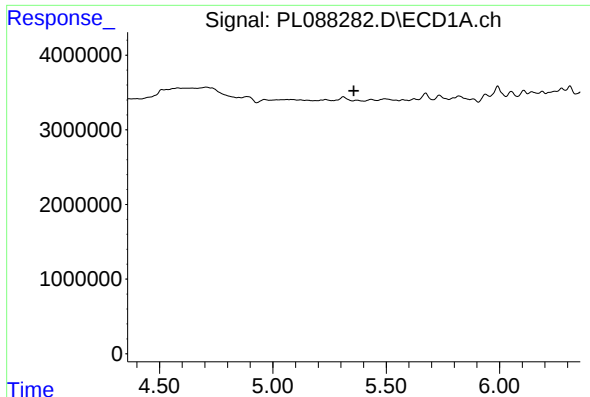
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T.: 4.820 min
Response: 0
Conc: N.D.



#23 Chlordane-1

R.T.: 3.876 min
Delta R.T.: 0.000 min
Response: 8364
Conc: 0.16 ng/ml



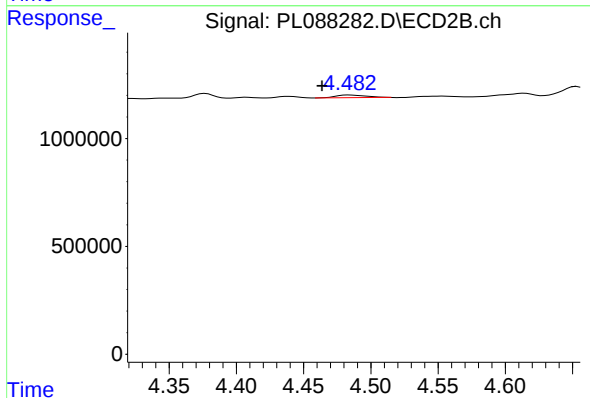
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.357 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PB159225BS

Manual Integrations
APPROVED

Reviewed By :Abdul
Mirza

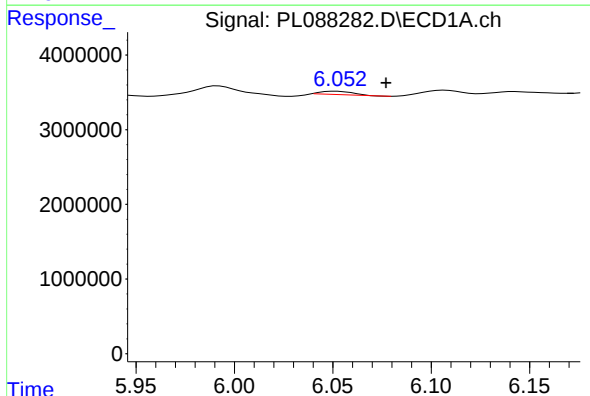


#24 Chlordane-2

R.T.: 4.484 min
Delta R.T.: 0.020 min
Response: 207057
Conc: 3.26 ng/ml

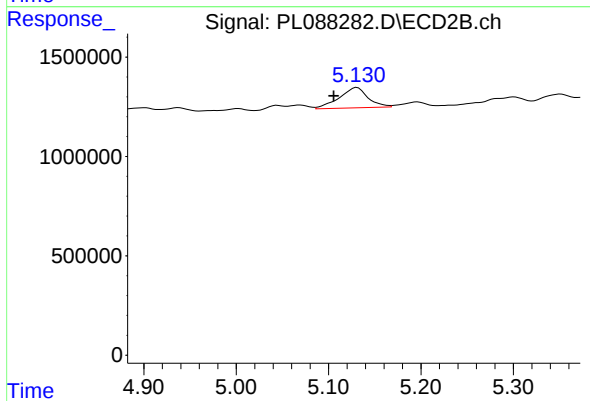
02/27/2024
Supervised By :Ankita
Jodhani

02/27/2024



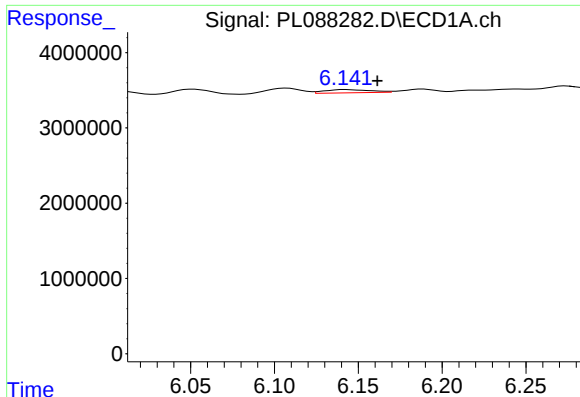
#25 Chlordane-3

R.T.: 6.052 min
Delta R.T.: -0.026 min
Response: 487357
Conc: 0.96 ng/ml



#25 Chlordane-3

R.T.: 5.131 min
Delta R.T.: 0.025 min
Response: 2210013
Conc: 11.87 ng/ml



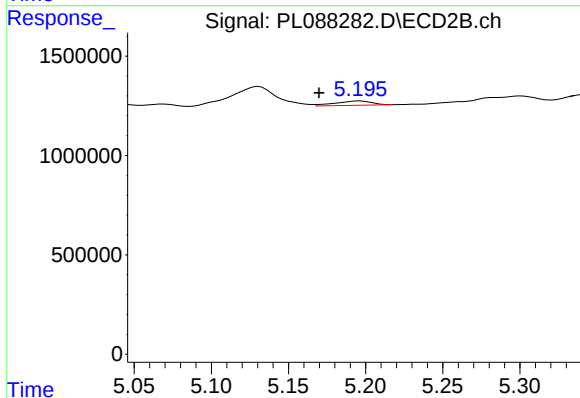
#26 Chlordane-4

R.T.: 6.142 min
Delta R.T.: -0.019 min
Response: 820817
Conc: 1.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159225BS

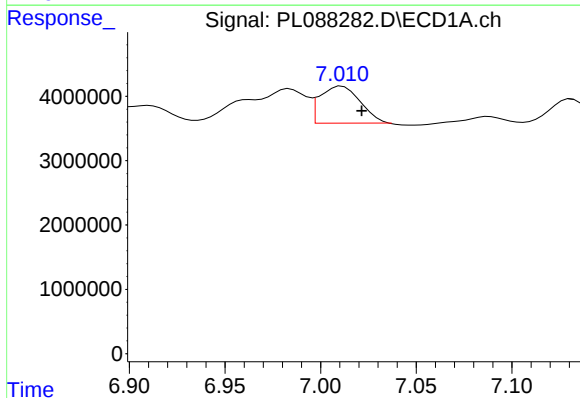
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/27/2024
Supervised By :Ankita Jodhani 02/27/2024



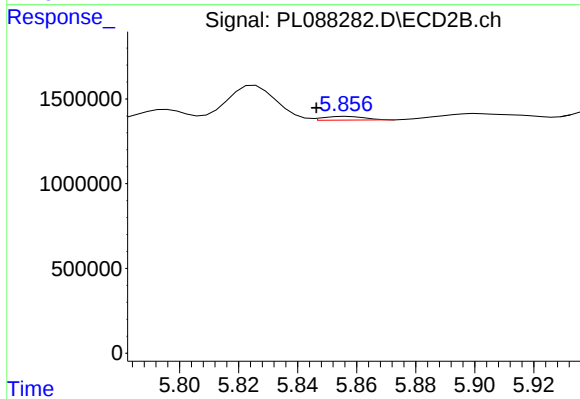
#26 Chlordane-4

R.T.: 5.196 min
Delta R.T.: 0.027 min
Response: 351782
Conc: 2.03 ng/ml



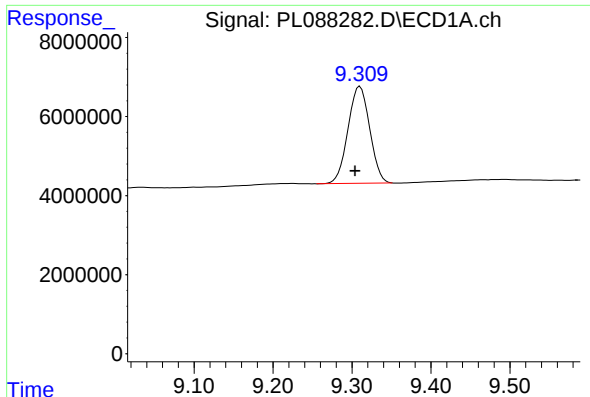
#27 Chlordane-5

R.T.: 7.011 min
Delta R.T.: -0.010 min
Response: 8446353
Conc: 83.45 ng/ml



#27 Chlordane-5

R.T.: 5.857 min
Delta R.T.: 0.011 min
Response: 209512
Conc: 3.96 ng/ml



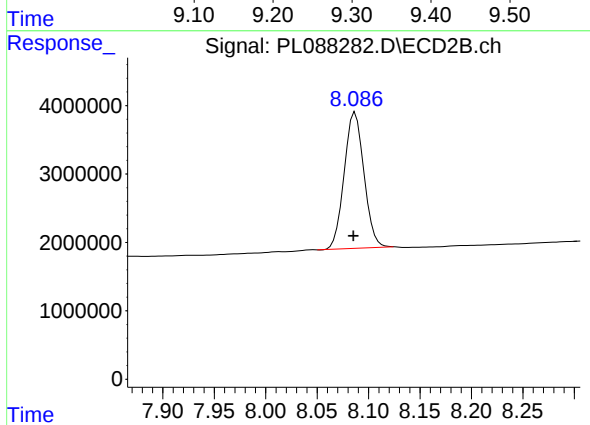
#28 Decachlorobiphenyl

R.T.: 9.310 min
Delta R.T.: 0.006 min
Response: 46904043
Conc: 24.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159225BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/27/2024
Supervised By :Ankita Jodhani 02/27/2024



#28 Decachlorobiphenyl

R.T.: 8.087 min
Delta R.T.: 0.002 min
Response: 26650381
Conc: 20.93 ng/ml