

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110921\
 Data File : PD066807.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2021 13:02
 Operator : AR\AJ
 Sample : PB140589BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB140589BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/10/2021
 Supervised By : mohammad ahmed 11/10/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 05:33:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 28 02:17:57 2021
 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...	3.443	3.967	31262278	146.0E6	16.755	18.048
28)	SA Decachlor...	8.172	9.029	19843759	104.1E6	17.175	19.333
Target Compounds							
2)	A alpha-BHC	3.881	4.361	28192423	121.9E6	9.221	11.051
3)	MA gamma-BHC...	4.163	4.646	27833352	106.7E6	9.217	10.706
4)	MA Heptachlor	4.457	5.147	28646789	105.8E6	9.656	10.796
5)	MB Aldrin	4.702	5.450	27520614	95647214	9.550	10.537
6)	B beta-BHC	4.412	4.824	13191027	51597868	10.560	11.081
7)	B delta-BHC	4.614	5.039	25294711	103.2E6	9.409	11.288
8)	B Heptachlo...	5.144	5.837	25631017	65966380	9.909	9.102m
9)	A Endosulfan I	5.480	6.197	23666473	86391601	9.966	10.957
10)	B gamma-Chl...	5.368	6.074	25596604	90670879	9.824	10.868
11)	B alpha-Chl...	5.426	6.146	25462765	91935808	9.922	11.084
12)	B 4,4'-DDE	5.590	6.306	21961882	86243986	9.426	10.944
13)	MA Dieldrin	5.723	6.455	24047583	90804810	9.610	10.943
14)	MA Endrin	5.980	6.674	18800153	69050662	8.983	10.033
15)	B Endosulfa...	6.252	6.889	20458515	79096713	10.288	11.203
16)	A 4,4'-DDD	6.105	6.801	17359295	72520505	9.259	10.672
17)	MA 4,4'-DDT	6.344	7.098	18371506	78162182	9.551	10.776
18)	B Endrin al...	6.421	7.014	14869478	59986171	9.620	10.546
19)	B Endosulfa...	6.633	7.237	19268762	81400765	10.353	11.221
20)	A Methoxychlor	6.891	7.561	10836929	43037730	10.494	10.565
21)	B Endrin ke...	7.125	7.710	23783337	103.1E6	10.899	12.265
22)	Mirex	7.305	8.159	16598764	66145008	10.671	11.184

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110921\
Data File : PD066807.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Nov 2021 13:02
Operator : AR\AJ
Sample : PB140589BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

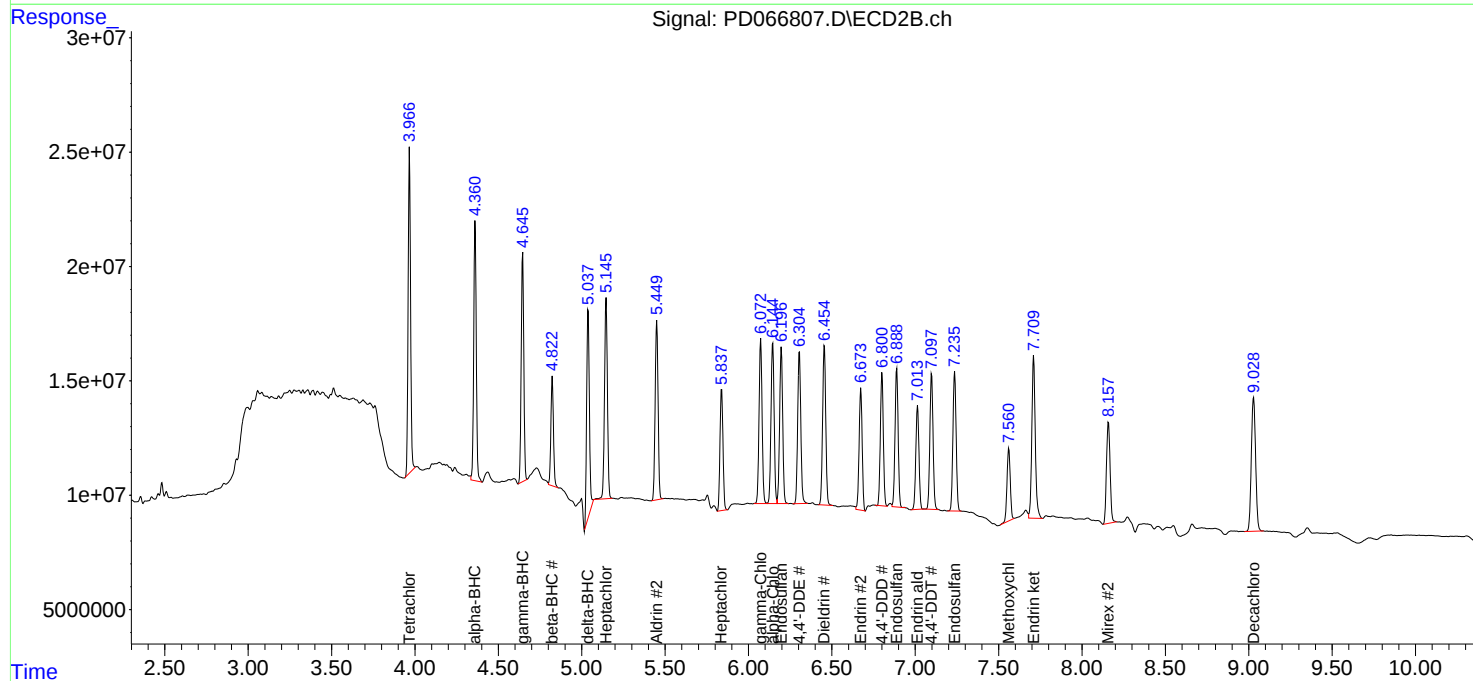
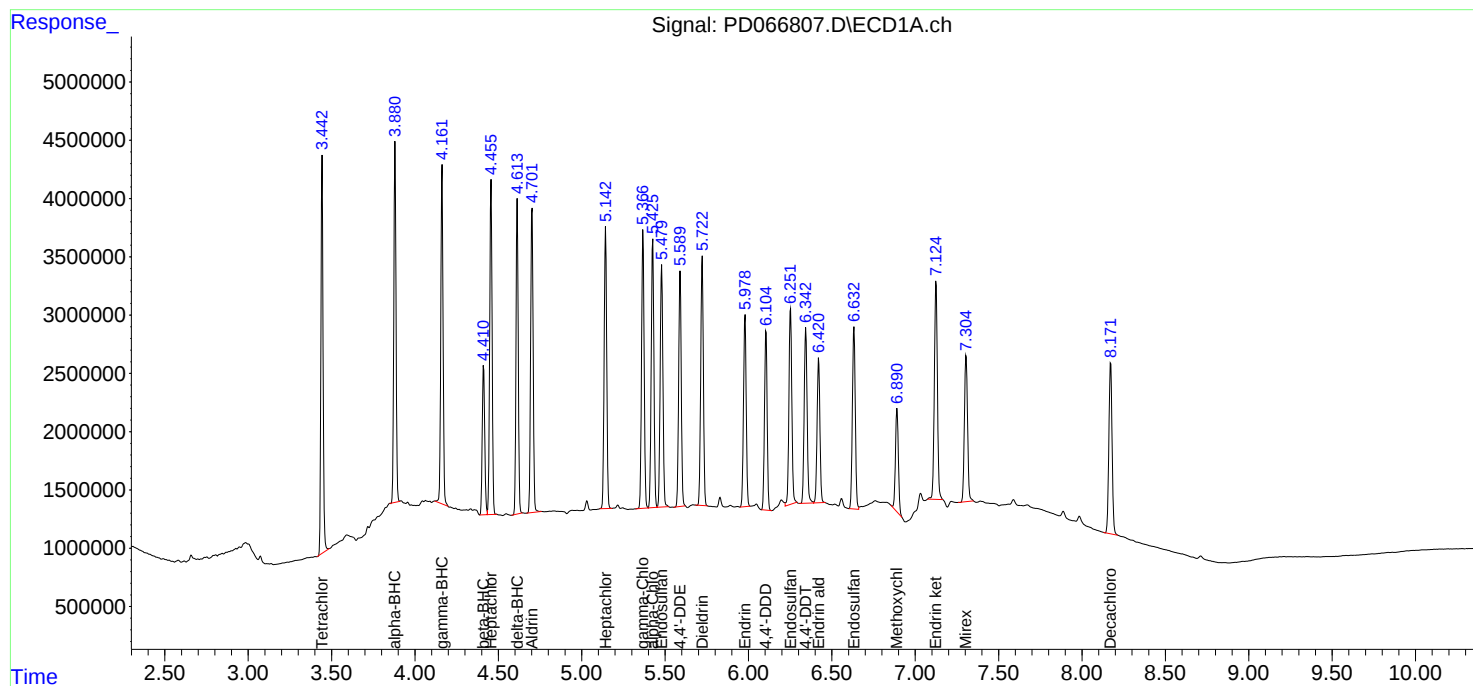
Instrument :
ECD_D
ClientSampleId :
PB140589BSD

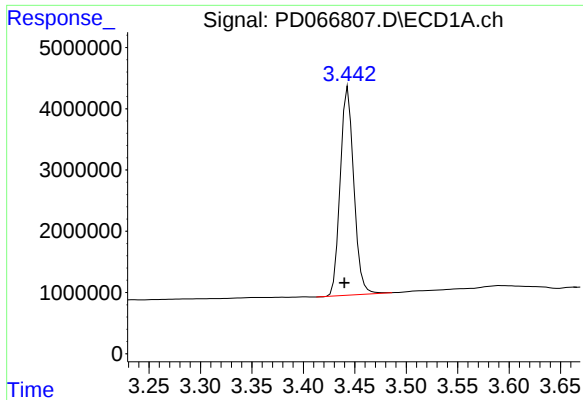
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2021
Supervised By :mohammad ahmed 11/10/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 10 05:33:45 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
Quant Title : GC Extractables
QLast Update : Thu Oct 28 02:17:57 2021
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





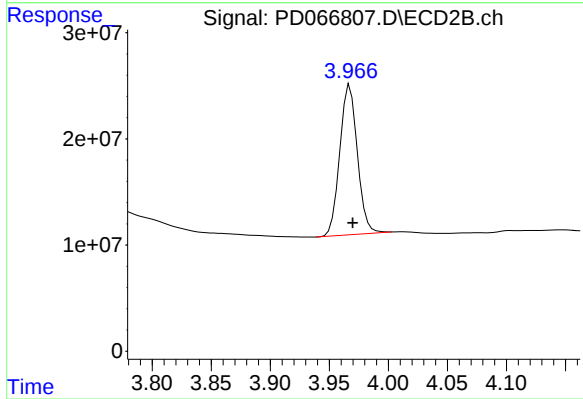
#1 Tetrachloro-m-xylene

R.T.: 3.443 min
Delta R.T.: 0.003 min
Response: 31262278
Conc: 16.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB140589BSD

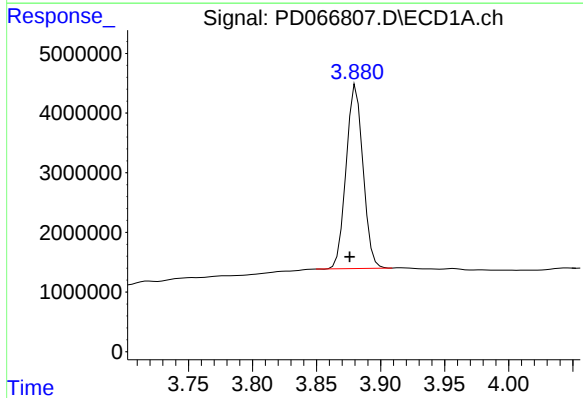
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2021
Supervised By :mohammad ahmed 11/10/2021



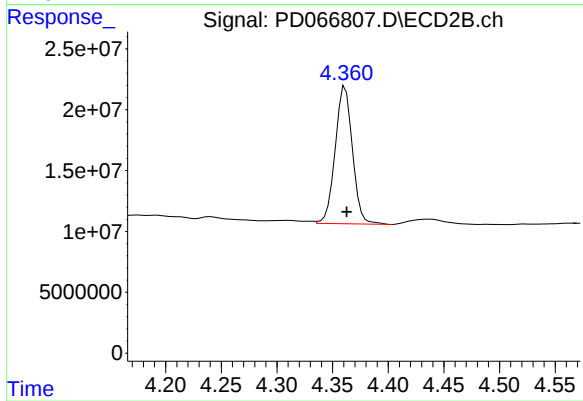
#1 Tetrachloro-m-xylene

R.T.: 3.967 min
Delta R.T.: -0.002 min
Response: 146045282
Conc: 18.05 ng/ml



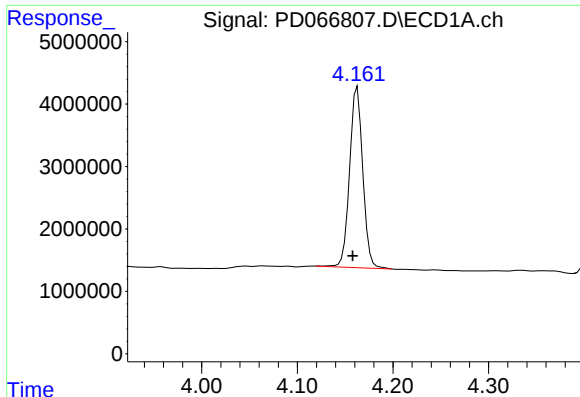
#2 alpha-BHC

R.T.: 3.881 min
Delta R.T.: 0.005 min
Response: 28192423
Conc: 9.22 ng/ml



#2 alpha-BHC

R.T.: 4.361 min
Delta R.T.: -0.001 min
Response: 121920187
Conc: 11.05 ng/ml



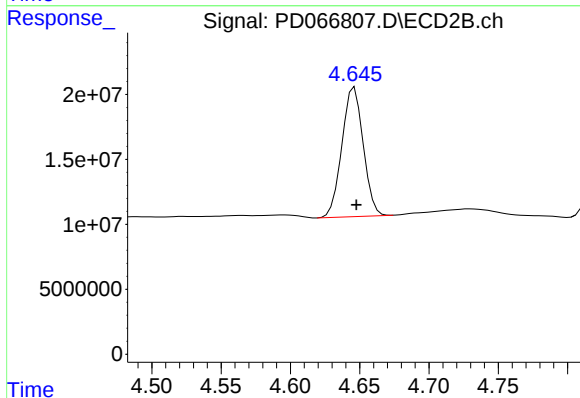
#3 gamma-BHC (Lindane)

R.T.: 4.163 min
Delta R.T.: 0.005 min
Response: 27833352
Conc: 9.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB140589BSD

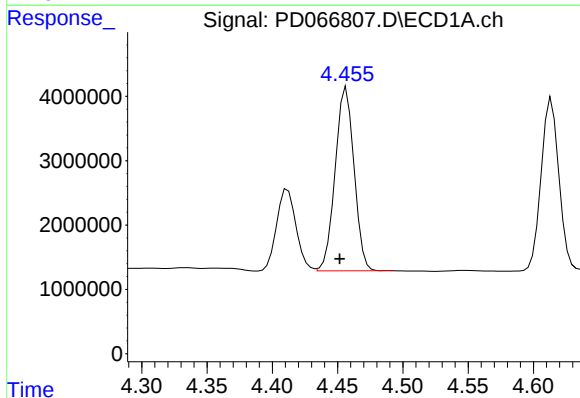
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2021
Supervised By :mohammad ahmed 11/10/2021



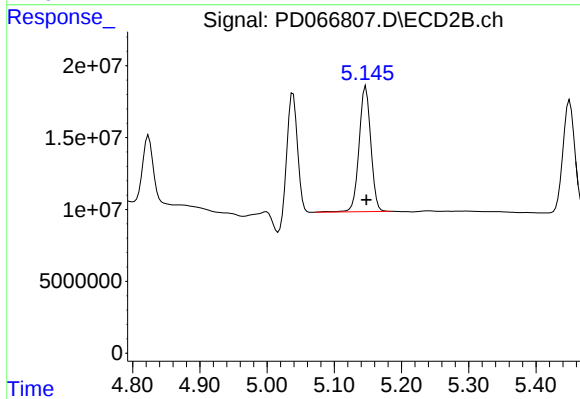
#3 gamma-BHC (Lindane)

R.T.: 4.646 min
Delta R.T.: -0.001 min
Response: 106685778
Conc: 10.71 ng/ml



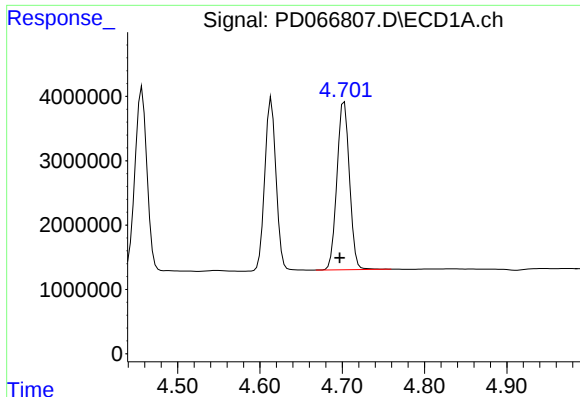
#4 Heptachlor

R.T.: 4.457 min
Delta R.T.: 0.005 min
Response: 28646789
Conc: 9.66 ng/ml



#4 Heptachlor

R.T.: 5.147 min
Delta R.T.: 0.000 min
Response: 105824730
Conc: 10.80 ng/ml



#5 Aldrin

R.T.: 4.702 min
Delta R.T.: 0.006 min
Response: 27520614
Conc: 9.55 ng/ml

Instrument :

ECD_D

ClientSampleId :

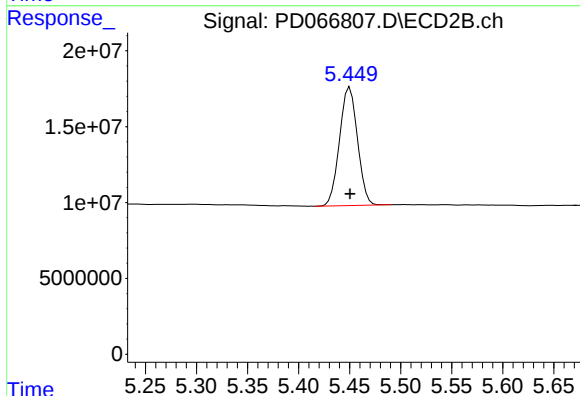
PB140589BSD

Manual Integrations

APPROVED

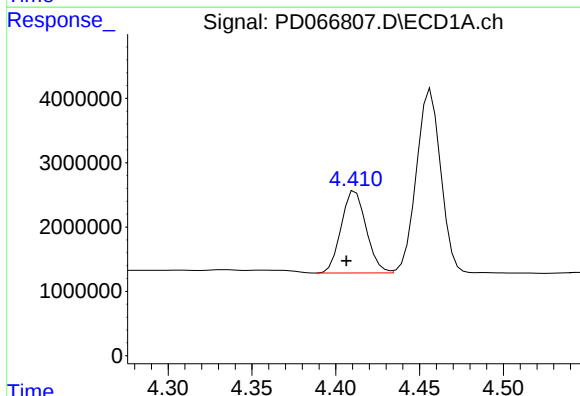
Reviewed By :Abdul Mirza 11/10/2021

Supervised By :mohammad ahmed 11/10/2021



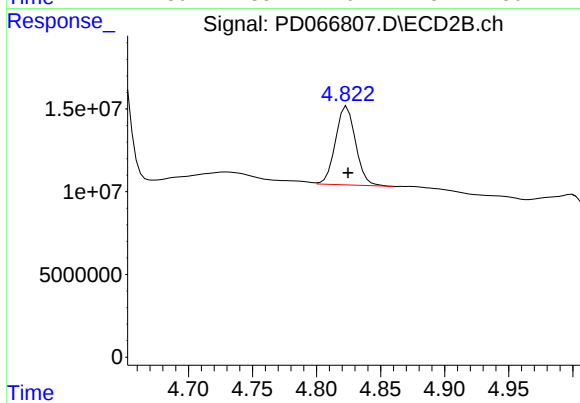
#5 Aldrin

R.T.: 5.450 min
Delta R.T.: 0.000 min
Response: 95647214
Conc: 10.54 ng/ml



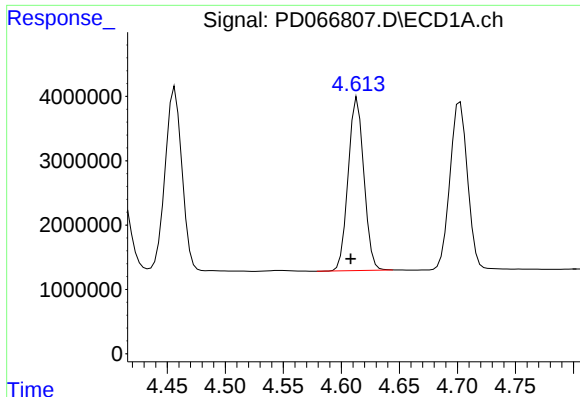
#6 beta-BHC

R.T.: 4.412 min
Delta R.T.: 0.005 min
Response: 13191027
Conc: 10.56 ng/ml



#6 beta-BHC

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 51597868
Conc: 11.08 ng/ml



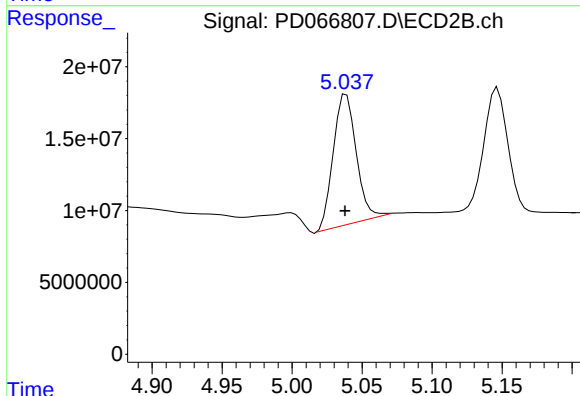
#7 delta-BHC

R.T.: 4.614 min
Delta R.T.: 0.006 min
Response: 25294711
Conc: 9.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB140589BSD

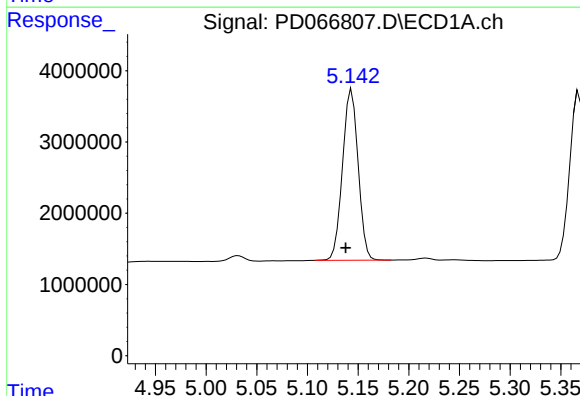
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2021
Supervised By :mohammad ahmed 11/10/2021



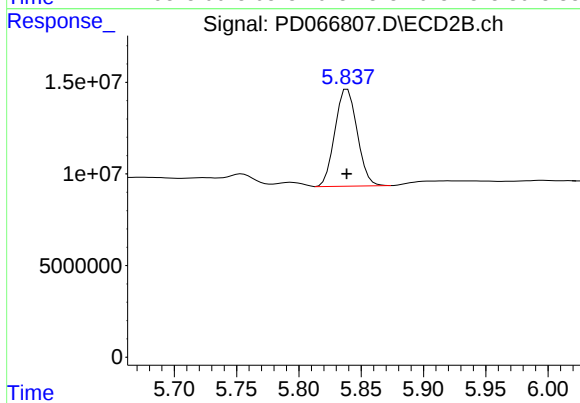
#7 delta-BHC

R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 103176046
Conc: 11.29 ng/ml



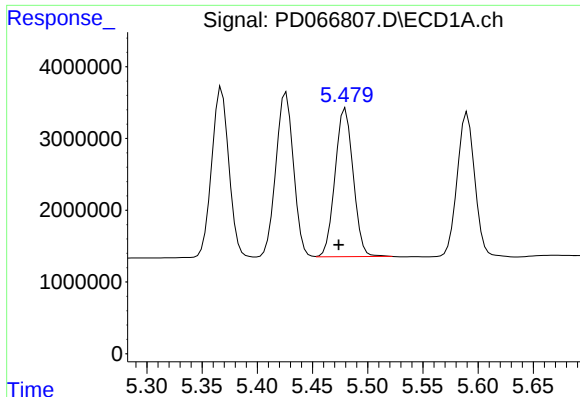
#8 Heptachlor epoxide

R.T.: 5.144 min
Delta R.T.: 0.006 min
Response: 25631017
Conc: 9.91 ng/ml



#8 Heptachlor epoxide

R.T.: 5.837 min
Delta R.T.: 0.000 min
Response: 65966380
Conc: 9.10 ng/ml m



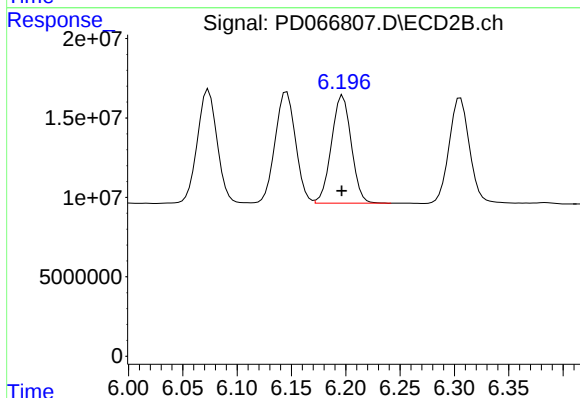
#9 Endosulfan I

R.T.: 5.480 min
Delta R.T.: 0.006 min
Response: 23666473
Conc: 9.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB140589BSD

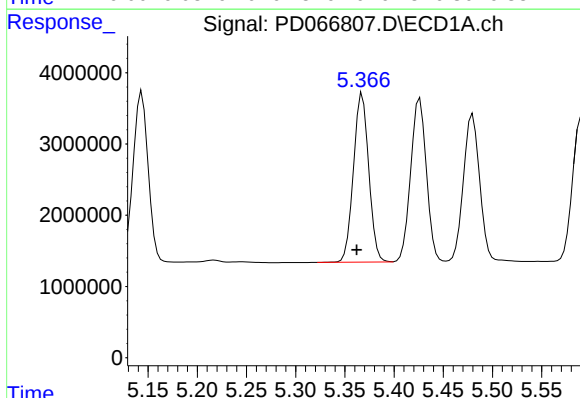
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2021
Supervised By :mohammad ahmed 11/10/2021



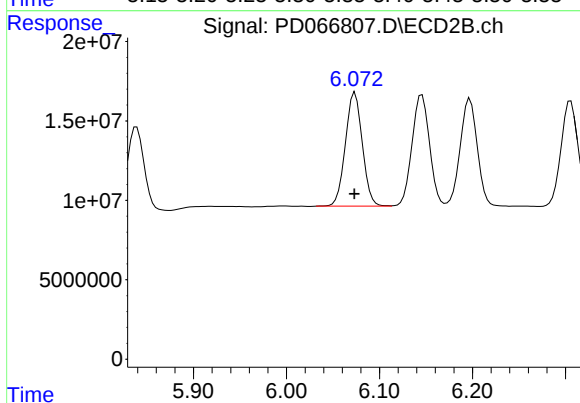
#9 Endosulfan I

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 86391601
Conc: 10.96 ng/ml



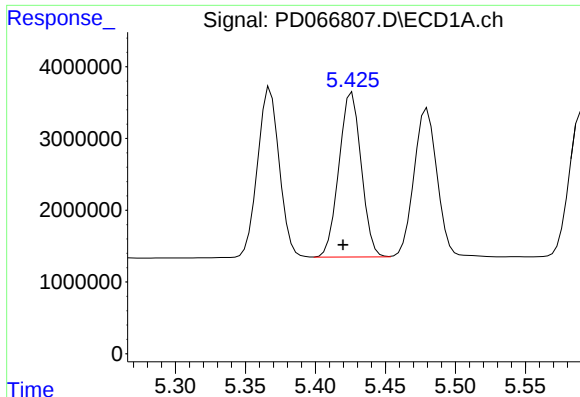
#10 gamma-Chlordane

R.T.: 5.368 min
Delta R.T.: 0.006 min
Response: 25596604
Conc: 9.82 ng/ml



#10 gamma-Chlordane

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 90670879
Conc: 10.87 ng/ml



#11 alpha-Chlordane

R.T.: 5.426 min
Delta R.T.: 0.007 min
Response: 25462765
Conc: 9.92 ng/ml

Instrument :

ECD_D

ClientSampleId :

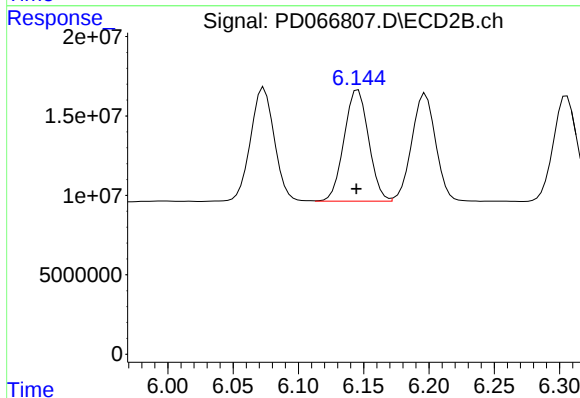
PB140589BSD

Manual Integrations

APPROVED

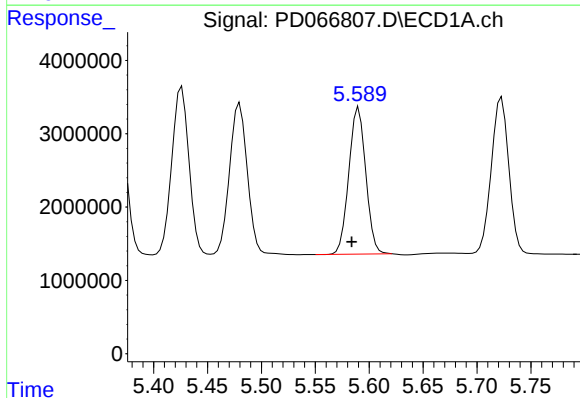
Reviewed By :Abdul Mirza 11/10/2021

Supervised By :mohammad ahmed 11/10/2021



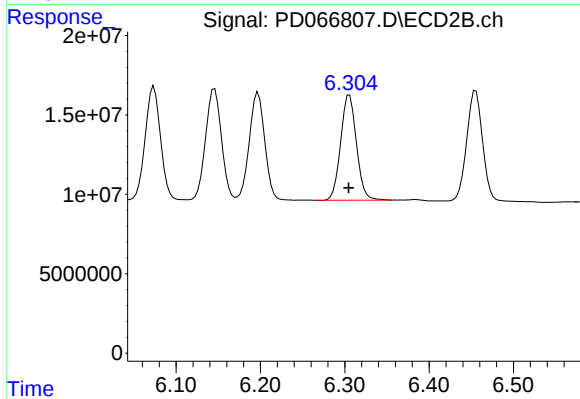
#11 alpha-Chlordane

R.T.: 6.146 min
Delta R.T.: 0.001 min
Response: 91935808
Conc: 11.08 ng/ml



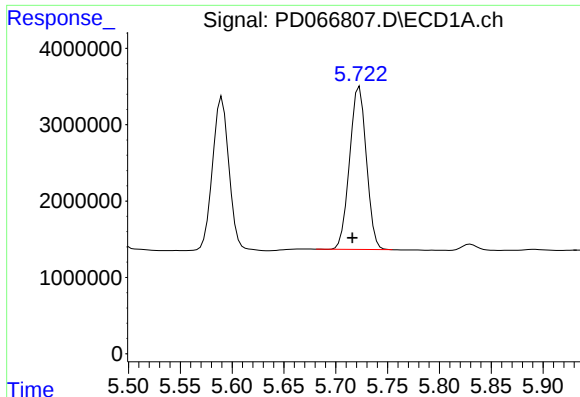
#12 4,4'-DDE

R.T.: 5.590 min
Delta R.T.: 0.006 min
Response: 21961882
Conc: 9.43 ng/ml



#12 4,4'-DDE

R.T.: 6.306 min
Delta R.T.: 0.000 min
Response: 86243986
Conc: 10.94 ng/ml



#13 Dieldrin

R.T.: 5.723 min
Delta R.T.: 0.007 min
Response: 24047583
Conc: 9.61 ng/ml

Instrument :

ECD_D

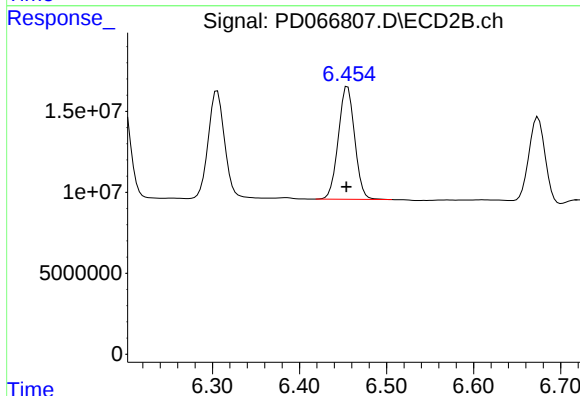
ClientSampleId :

PB140589BSD

Manual Integrations

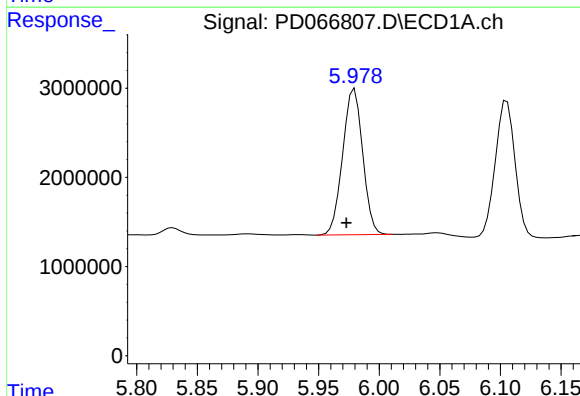
APPROVED

Reviewed By :Abdul Mirza 11/10/2021
Supervised By :mohammad ahmed 11/10/2021



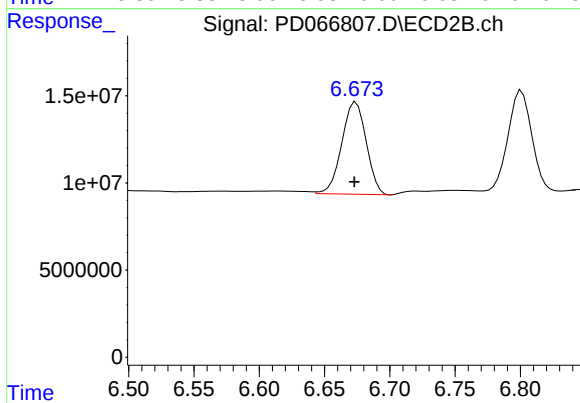
#13 Dieldrin

R.T.: 6.455 min
Delta R.T.: 0.002 min
Response: 90804810
Conc: 10.94 ng/ml



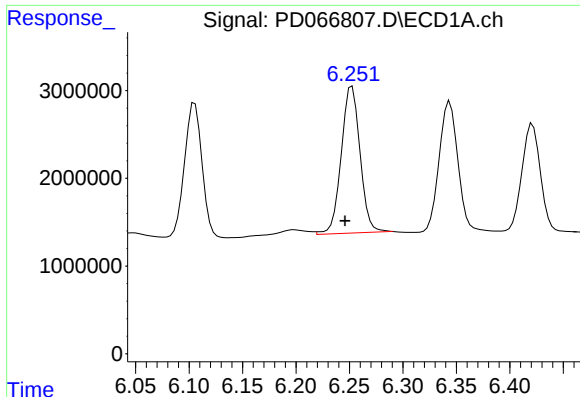
#14 Endrin

R.T.: 5.980 min
Delta R.T.: 0.007 min
Response: 18800153
Conc: 8.98 ng/ml



#14 Endrin

R.T.: 6.674 min
Delta R.T.: 0.001 min
Response: 69050662
Conc: 10.03 ng/ml



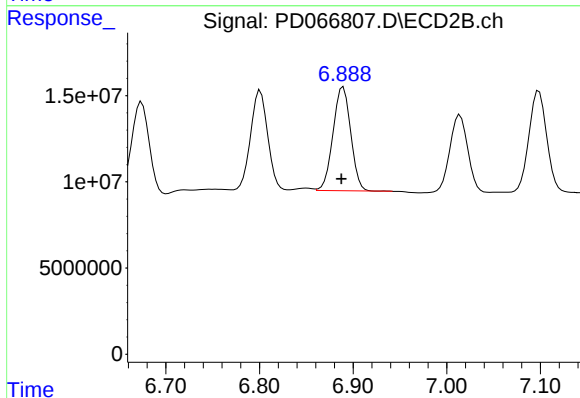
#15 Endosulfan II

R.T.: 6.252 min
Delta R.T.: 0.007 min
Response: 20458515
Conc: 10.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB140589BSD

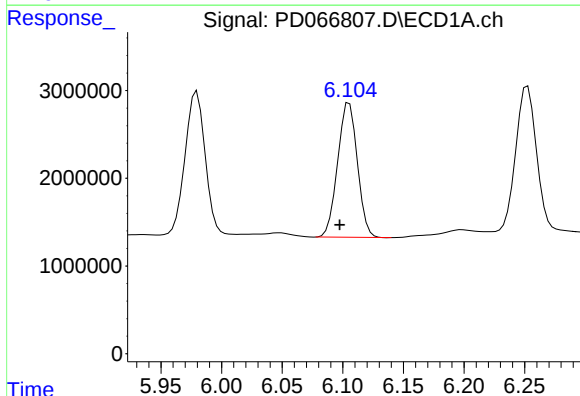
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2021
Supervised By :mohammad ahmed 11/10/2021



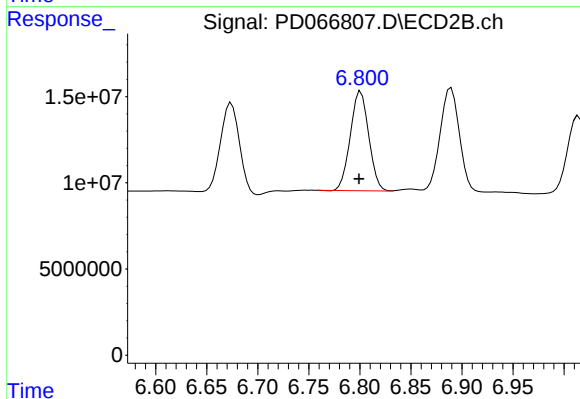
#15 Endosulfan II

R.T.: 6.889 min
Delta R.T.: 0.002 min
Response: 79096713
Conc: 11.20 ng/ml



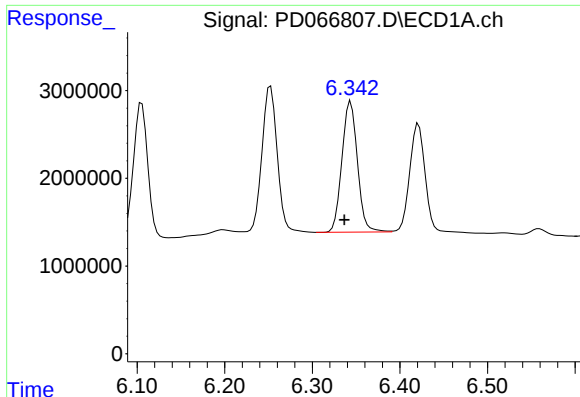
#16 4,4'-DDD

R.T.: 6.105 min
Delta R.T.: 0.008 min
Response: 17359295
Conc: 9.26 ng/ml



#16 4,4'-DDD

R.T.: 6.801 min
Delta R.T.: 0.002 min
Response: 72520505
Conc: 10.67 ng/ml



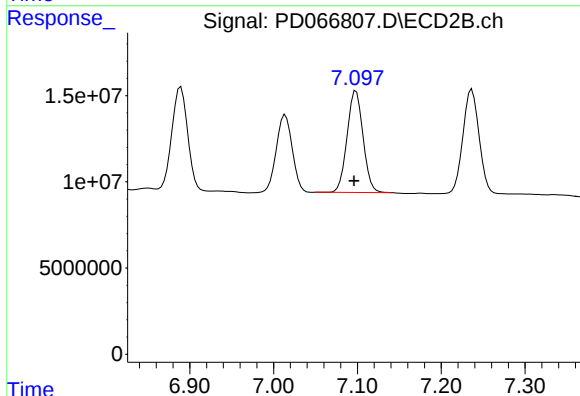
#17 4,4'-DDT

R.T.: 6.344 min
Delta R.T.: 0.007 min
Response: 18371506
Conc: 9.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB140589BSD

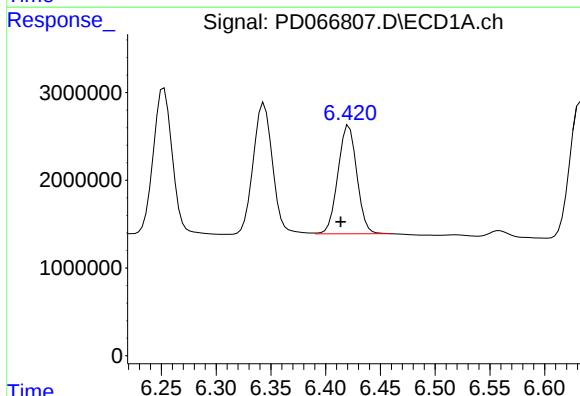
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2021
Supervised By :mohammad ahmed 11/10/2021



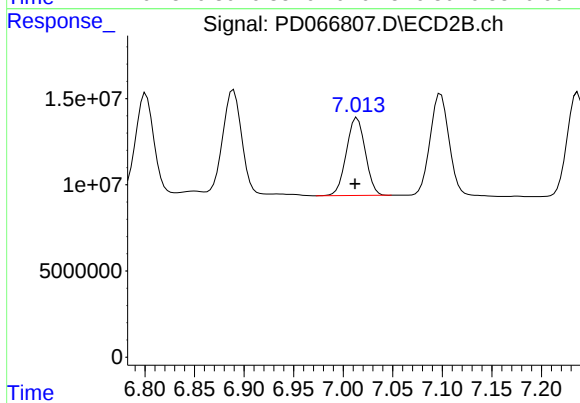
#17 4,4'-DDT

R.T.: 7.098 min
Delta R.T.: 0.002 min
Response: 78162182
Conc: 10.78 ng/ml



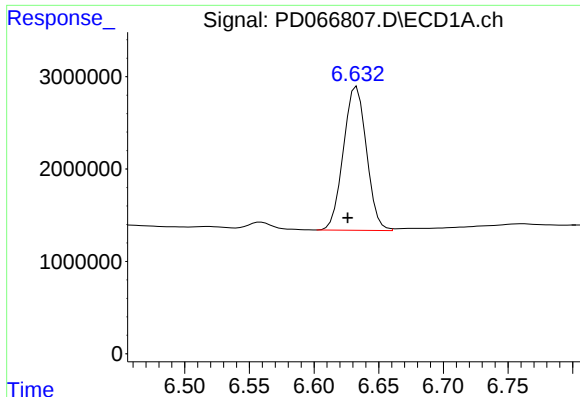
#18 Endrin aldehyde

R.T.: 6.421 min
Delta R.T.: 0.007 min
Response: 14869478
Conc: 9.62 ng/ml



#18 Endrin aldehyde

R.T.: 7.014 min
Delta R.T.: 0.002 min
Response: 59986171
Conc: 10.55 ng/ml



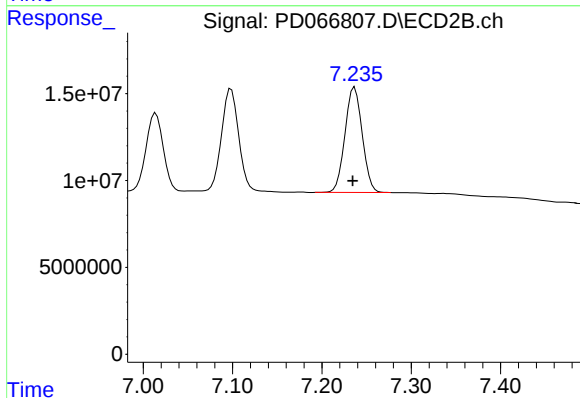
#19 Endosulfan Sulfate

R.T.: 6.633 min
Delta R.T.: 0.007 min
Response: 19268762
Conc: 10.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB140589BSD

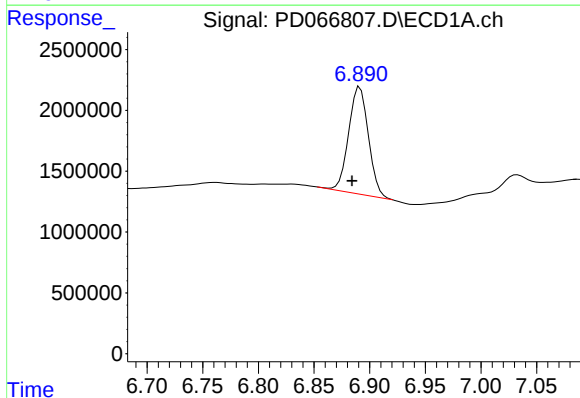
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2021
Supervised By :mohammad ahmed 11/10/2021



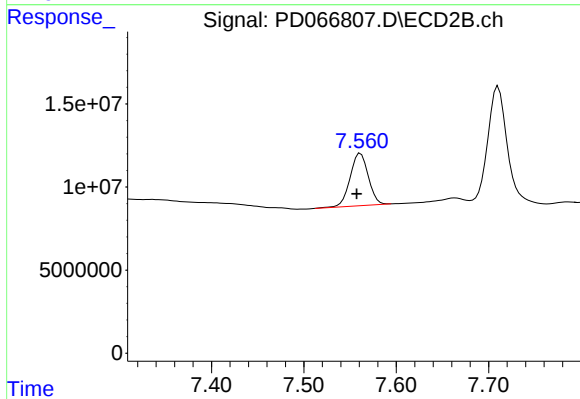
#19 Endosulfan Sulfate

R.T.: 7.237 min
Delta R.T.: 0.002 min
Response: 81400765
Conc: 11.22 ng/ml



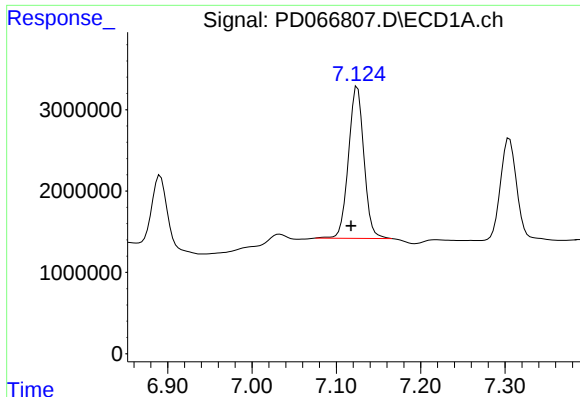
#20 Methoxychlor

R.T.: 6.891 min
Delta R.T.: 0.007 min
Response: 10836929
Conc: 10.49 ng/ml



#20 Methoxychlor

R.T.: 7.561 min
Delta R.T.: 0.004 min
Response: 43037730
Conc: 10.56 ng/ml



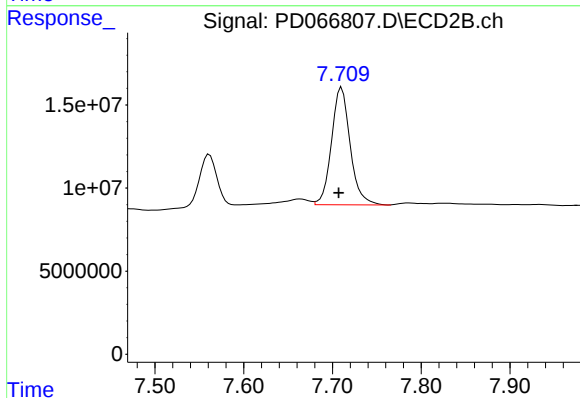
#21 Endrin ketone

R.T.: 7.125 min
Delta R.T.: 0.007 min
Response: 23783337
Conc: 10.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB140589BSD

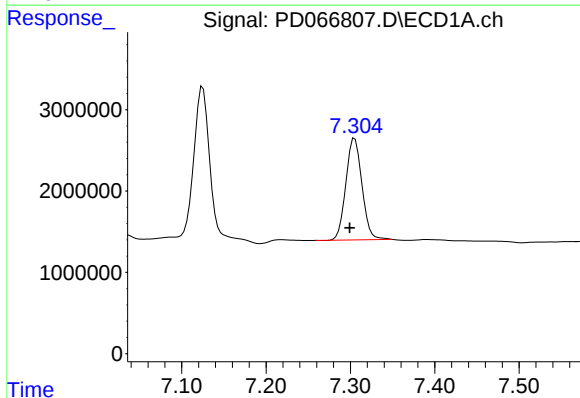
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2021
Supervised By :mohammad ahmed 11/10/2021



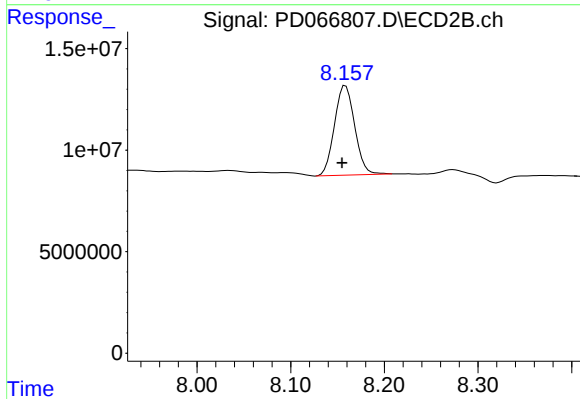
#21 Endrin ketone

R.T.: 7.710 min
Delta R.T.: 0.003 min
Response: 103149698
Conc: 12.27 ng/ml



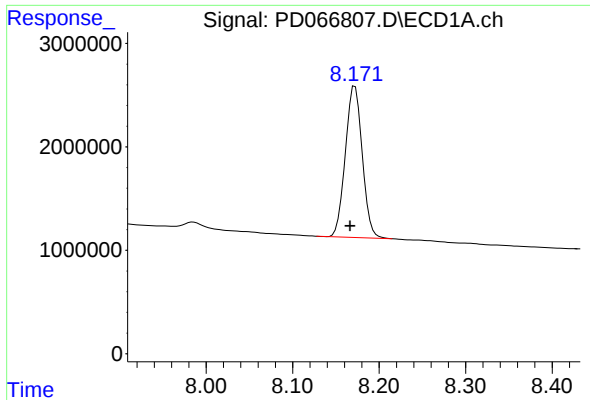
#22 Mirex

R.T.: 7.305 min
Delta R.T.: 0.006 min
Response: 16598764
Conc: 10.67 ng/ml



#22 Mirex

R.T.: 8.159 min
Delta R.T.: 0.004 min
Response: 66145008
Conc: 11.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.172 min
Delta R.T.: 0.006 min
Response: 19843759
Conc: 17.17 ng/ml

Instrument :

ECD_D

ClientSampleId :

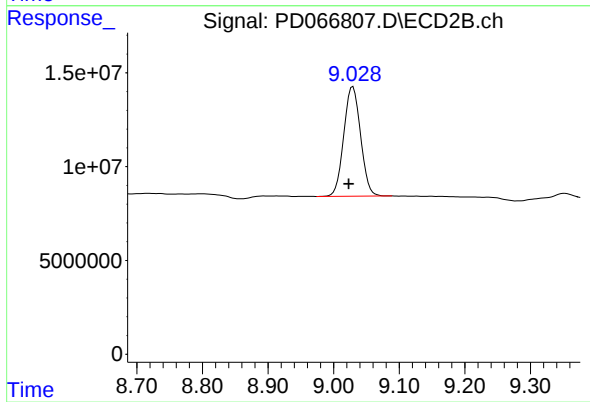
PB140589BSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 11/10/2021

Supervised By :mohammad ahmed 11/10/2021



#28 Decachlorobiphenyl

R.T.: 9.029 min
Delta R.T.: 0.006 min
Response: 104136966
Conc: 19.33 ng/ml