

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040522\
 Data File : PL073839.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Apr 2022 03:28
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/06/2022
 Supervised By : mohammad ahmed 04/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 04:03:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.640	5.492	16297798	94374459	50.885	57.502
28)	SA Decachlor...	10.414	11.335	23374939	81282309	45.969	45.455
Target Compounds							
2)	A alpha-BHC	5.348	6.054	21095605	136.3E6	51.178	60.573m
3)	MA gamma-BHC...	5.772	6.444	20859094	125.3E6	50.005	58.694
4)	MA Heptachlor	6.183	7.103	20894769	124.7E6	46.309	53.220
5)	MB Aldrin	6.508	7.472	20176165	119.6E6	48.833	57.107
6)	B beta-BHC	6.152	6.681	10504367	56433406	51.018	54.139
7)	B delta-BHC	6.413	6.949	20787368	123.4E6	51.755	57.281
8)	B Heptachlo...	7.085	7.928	20691312	109.8E6	48.010	54.996
9)	A Endosulfan I	7.488	8.328	19830873	97395941	48.342	53.356
10)	B gamma-Chl...	7.362	8.195	21112713	110.0E6	48.279	53.867m
11)	B alpha-Chl...	7.432	8.279	21173989	107.5E6	47.912	53.740
12)	B 4,4'-DDE	7.646	8.463	17506701	96577280	48.787	53.882
13)	MA Dieldrin	7.775	8.614	20741787	96992473	49.785	52.578
14)	MA Endrin	8.066	8.848	18814099	75891115	48.489	49.299
15)	B Endosulfa...	8.376	9.072	18628622	77325998	47.659	50.348
16)	A 4,4'-DDD	8.232	8.989	16382254	76740190	50.448	52.572m
17)	MA 4,4'-DDT	8.493	9.309	16213340	73747592	42.872	45.118
18)	B Endrin al...	8.564	9.203	14561648	58555072	46.045	47.749m
19)	B Endosulfa...	8.795	9.442	20131776	77624387	47.658m	49.252
20)	A Methoxychlor	9.088	9.790	10585762	36226310	41.264	40.203
21)	B Endrin ke...	9.315	9.930	24316711	80408109	49.705	48.715
22)	Mirex	9.502	10.407	21523136	60405389	45.642	44.466

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040522\
Data File : PL073839.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Apr 2022 03:28
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

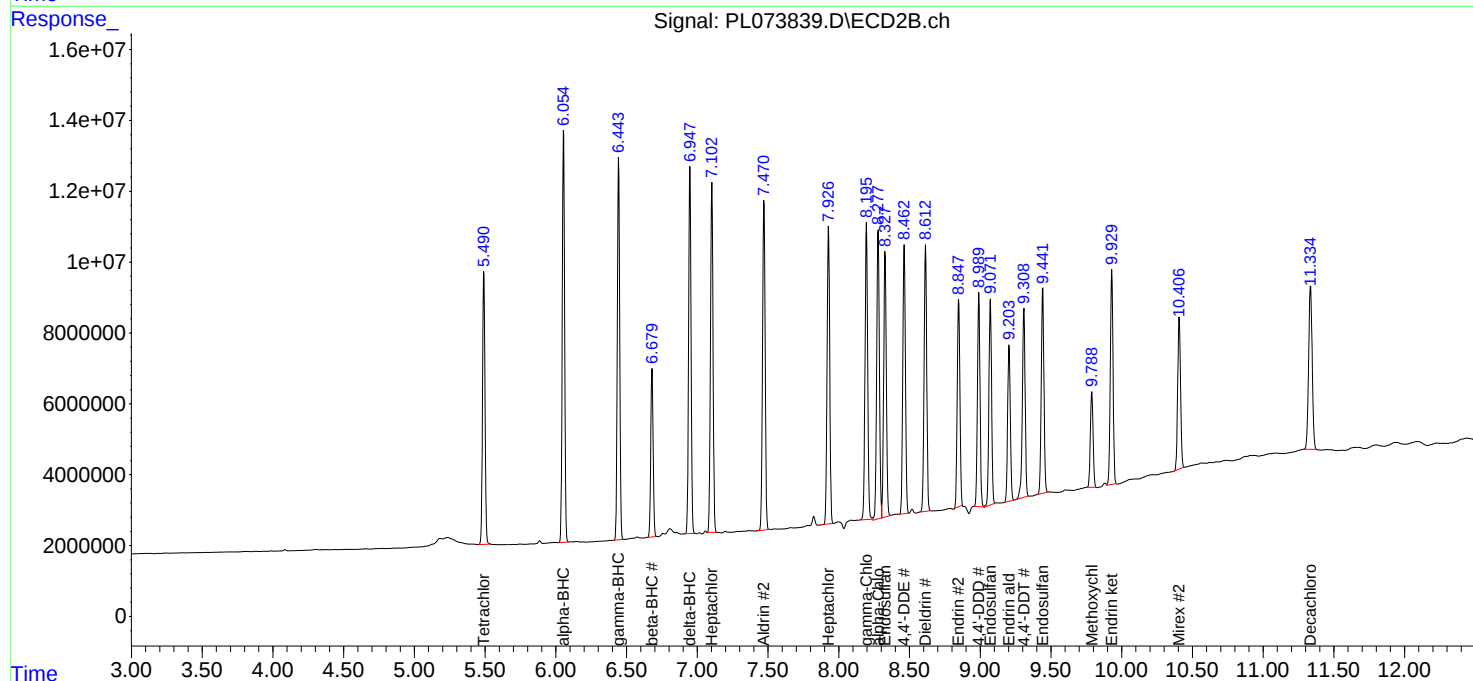
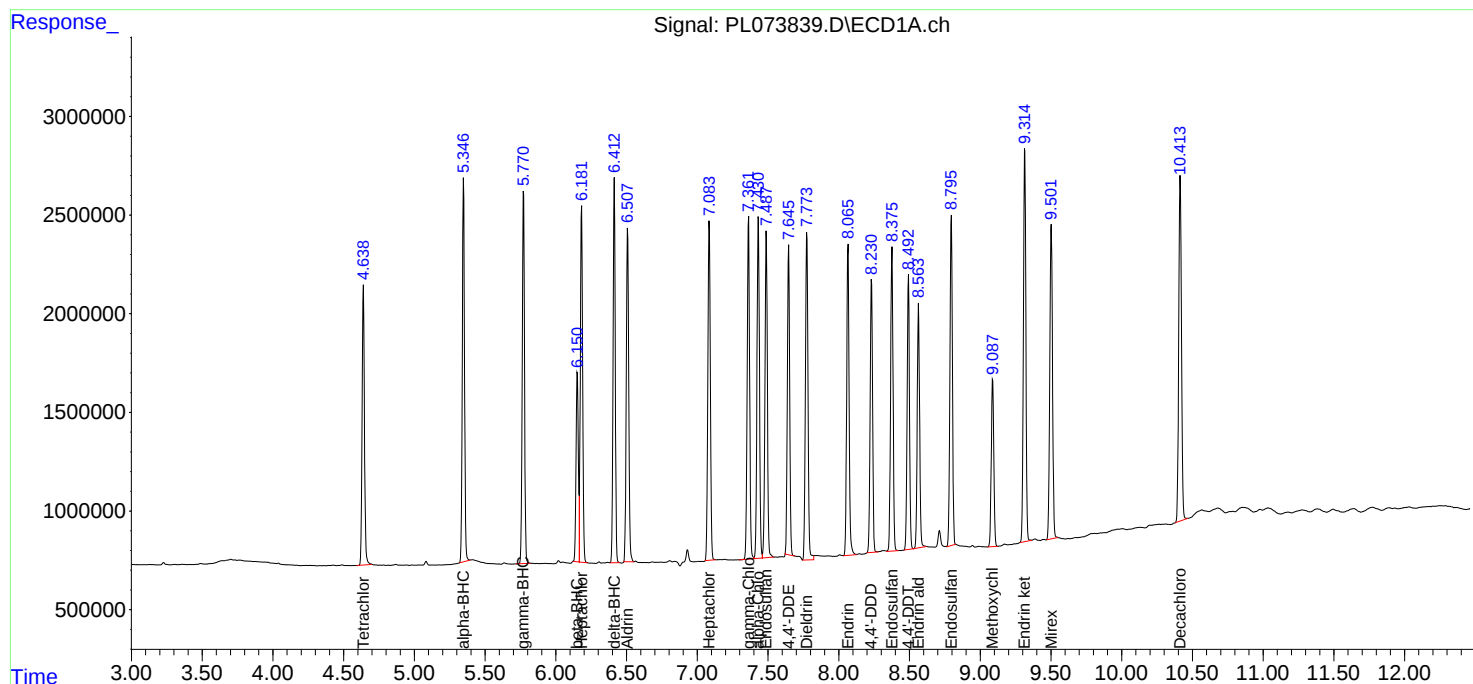
APPROVED

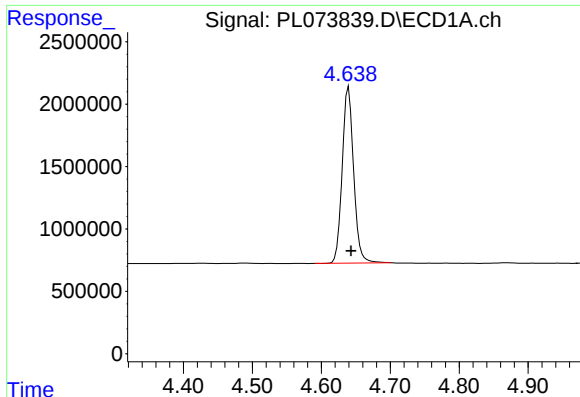
Reviewed By :Abdul Mirza 04/06/2022

Supervised By :mohammad ahmed 04/06/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 04:03:02 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
Quant Title : GC Extractables
QLast Update : Mon Mar 14 04:12:46 2022
Response via : Initial Calibration
Integrator: ChemStation

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





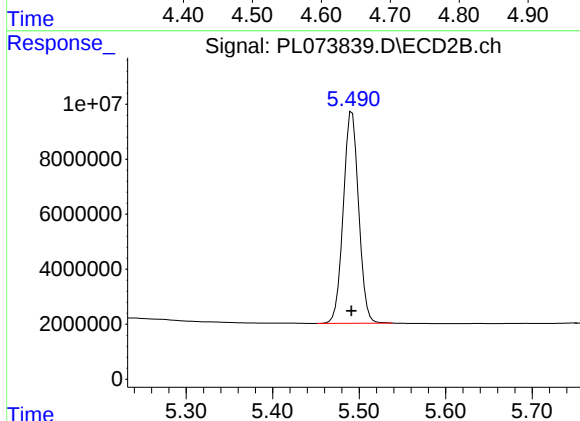
#1 Tetrachloro-m-xylene

R.T.: 4.640 min
Delta R.T.: -0.003 min
Response: 16297798
Conc: 50.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

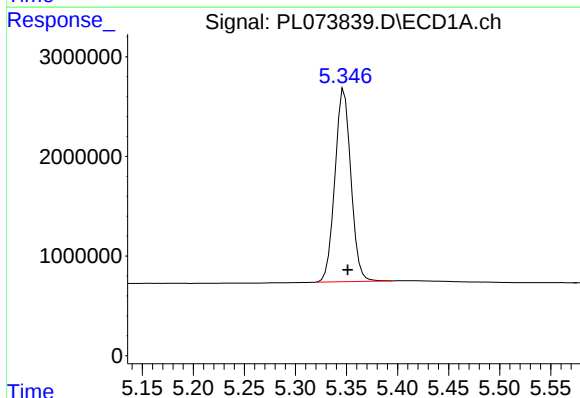
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/06/2022
Supervised By :mohammad ahmed 04/06/2022



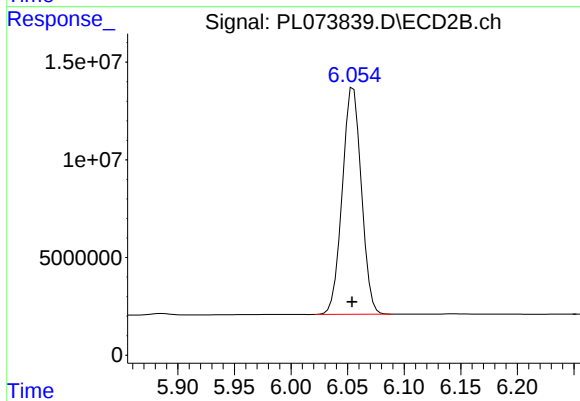
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 94374459
Conc: 57.50 ng/ml



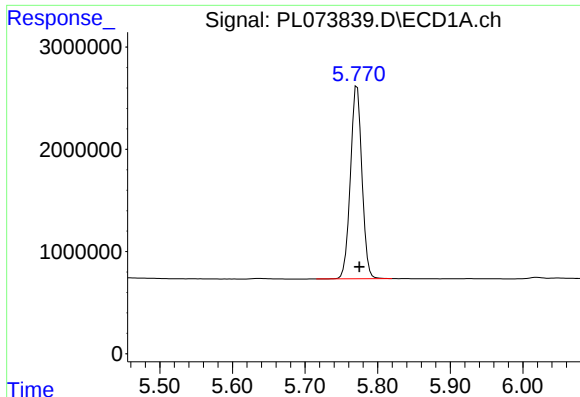
#2 alpha-BHC

R.T.: 5.348 min
Delta R.T.: -0.003 min
Response: 21095605
Conc: 51.18 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 136267702
Conc: 60.57 ng/ml m



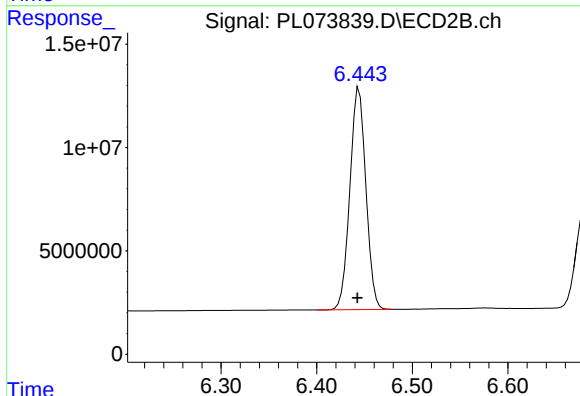
#3 gamma-BHC (Lindane)

R.T.: 5.772 min
Delta R.T.: -0.003 min
Response: 20859094
Conc: 50.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

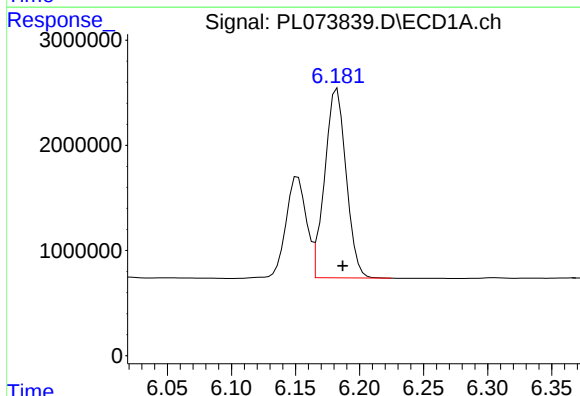
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/06/2022
Supervised By :mohammad ahmed 04/06/2022



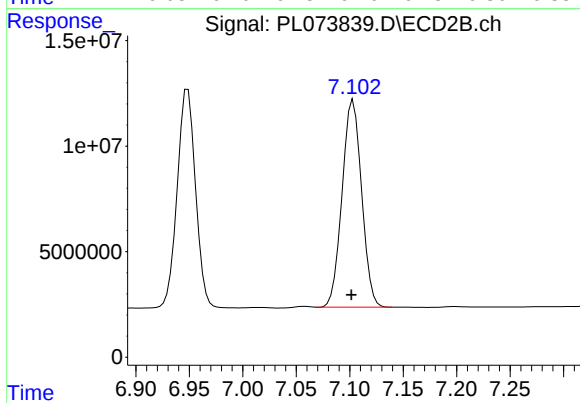
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.002 min
Response: 125316009
Conc: 58.69 ng/ml



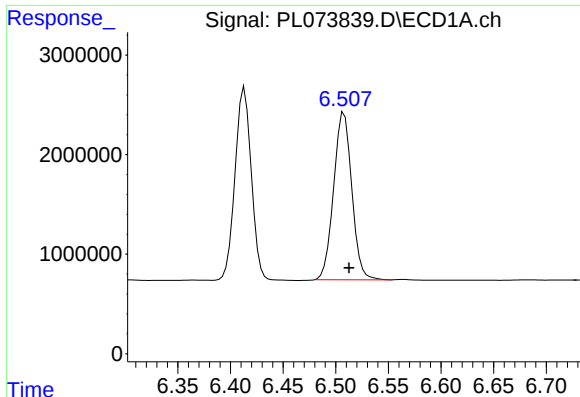
#4 Heptachlor

R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 20894769
Conc: 46.31 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.002 min
Response: 124698658
Conc: 53.22 ng/ml



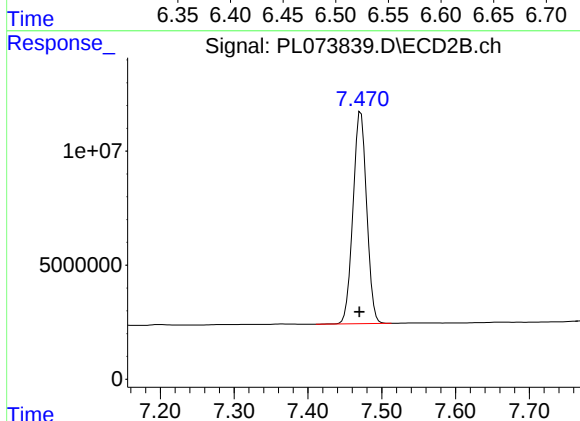
#5 Aldrin

R.T.: 6.508 min
Delta R.T.: -0.005 min
Response: 20176165
Conc: 48.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

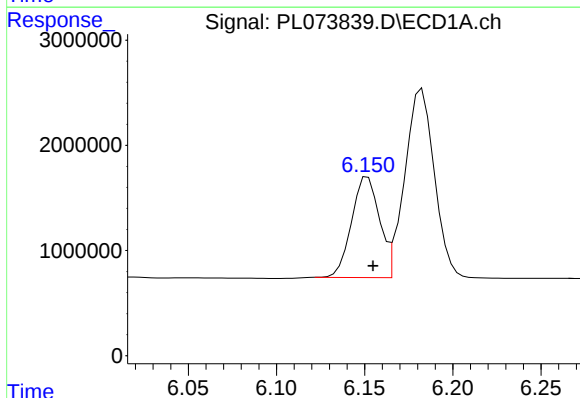
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/06/2022
Supervised By :mohammad ahmed 04/06/2022



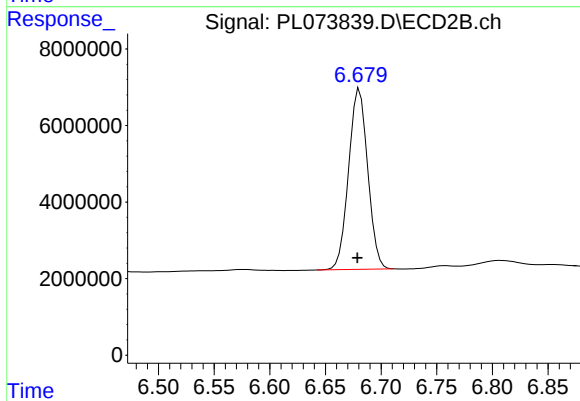
#5 Aldrin

R.T.: 7.472 min
Delta R.T.: 0.002 min
Response: 119638204
Conc: 57.11 ng/ml



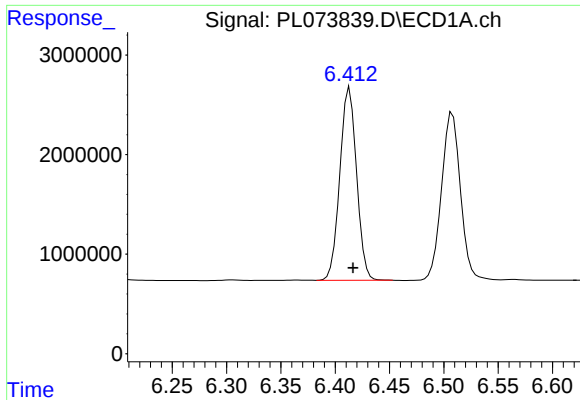
#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: -0.003 min
Response: 10504367
Conc: 51.02 ng/ml



#6 beta-BHC

R.T.: 6.681 min
Delta R.T.: 0.002 min
Response: 56433406
Conc: 54.14 ng/ml



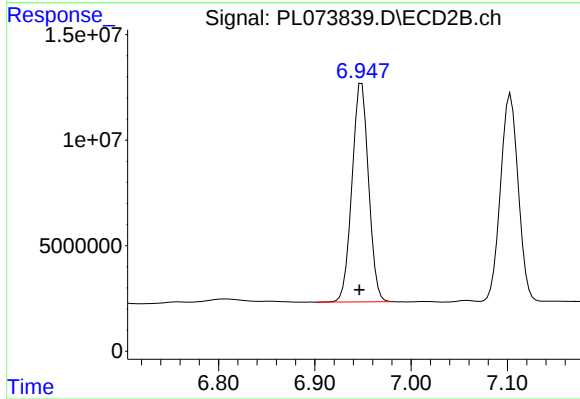
#7 delta-BHC

R.T.: 6.413 min
Delta R.T.: -0.003 min
Response: 20787368
Conc: 51.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

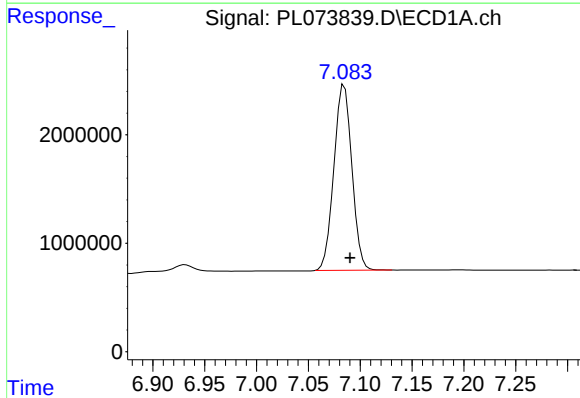
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/06/2022
Supervised By :mohammad ahmed 04/06/2022



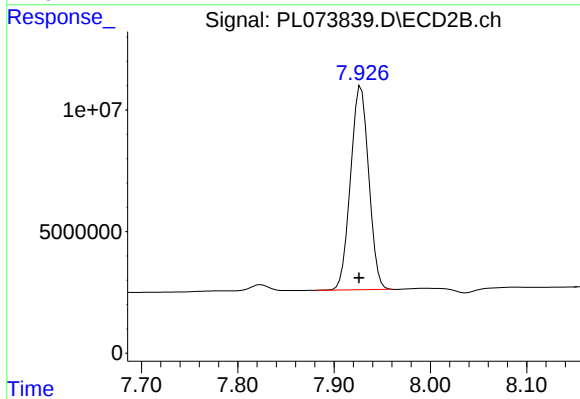
#7 delta-BHC

R.T.: 6.949 min
Delta R.T.: 0.002 min
Response: 123357844
Conc: 57.28 ng/ml



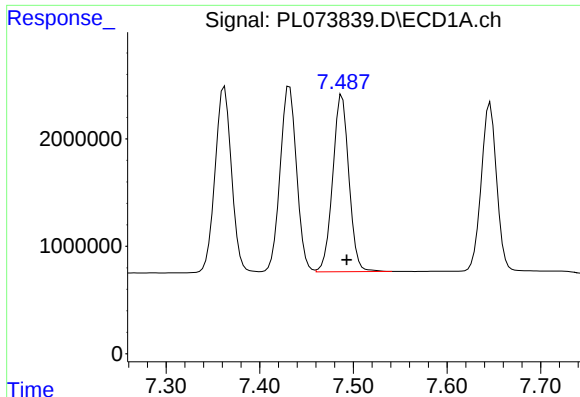
#8 Heptachlor epoxide

R.T.: 7.085 min
Delta R.T.: -0.005 min
Response: 20691312
Conc: 48.01 ng/ml



#8 Heptachlor epoxide

R.T.: 7.928 min
Delta R.T.: 0.002 min
Response: 109843959
Conc: 55.00 ng/ml



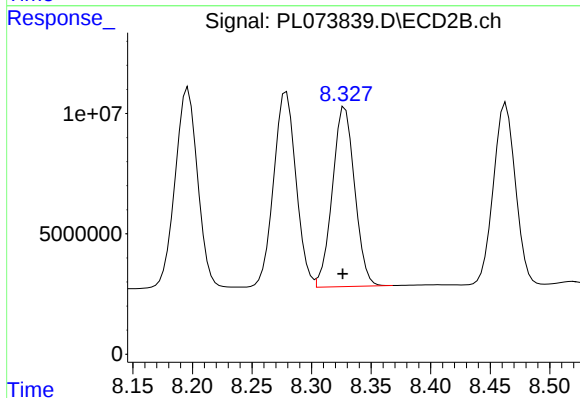
#9 Endosulfan I

R.T.: 7.488 min
Delta R.T.: -0.005 min
Response: 19830873
Conc: 48.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

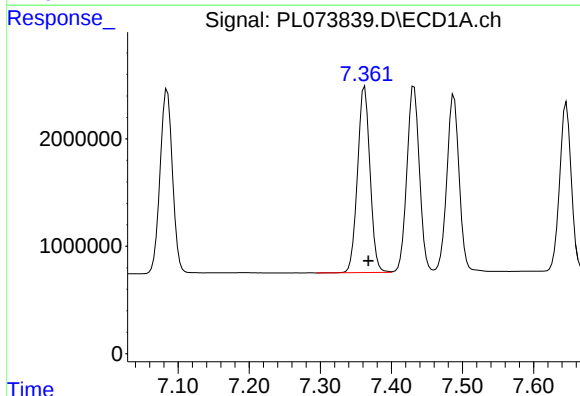
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/06/2022
Supervised By :mohammad ahmed 04/06/2022



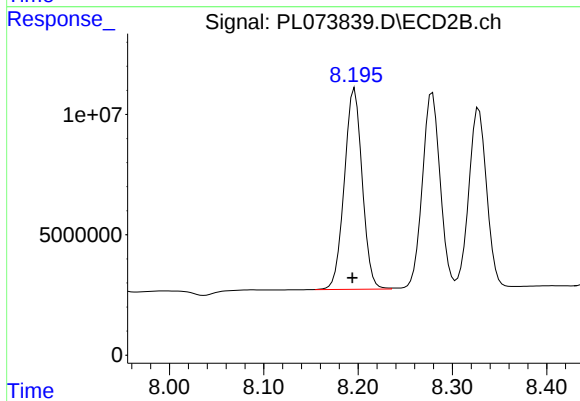
#9 Endosulfan I

R.T.: 8.328 min
Delta R.T.: 0.002 min
Response: 97395941
Conc: 53.36 ng/ml



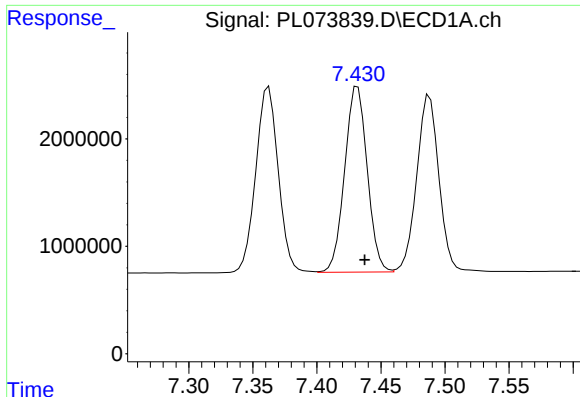
#10 gamma-Chlordane

R.T.: 7.362 min
Delta R.T.: -0.005 min
Response: 21112713
Conc: 48.28 ng/ml



#10 gamma-Chlordane

R.T.: 8.195 min
Delta R.T.: 0.001 min
Response: 110018557
Conc: 53.87 ng/ml m



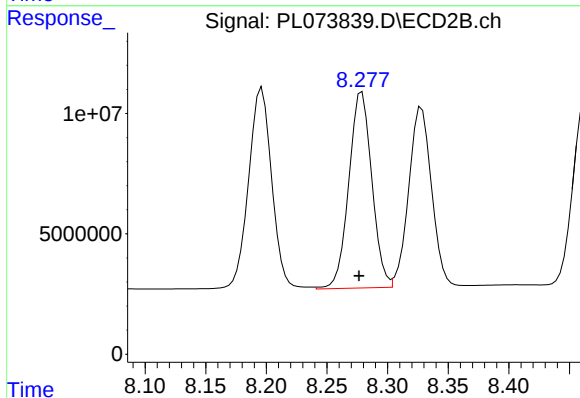
#11 alpha-Chlordane

R.T.: 7.432 min
Delta R.T.: -0.005 min
Response: 21173989
Conc: 47.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

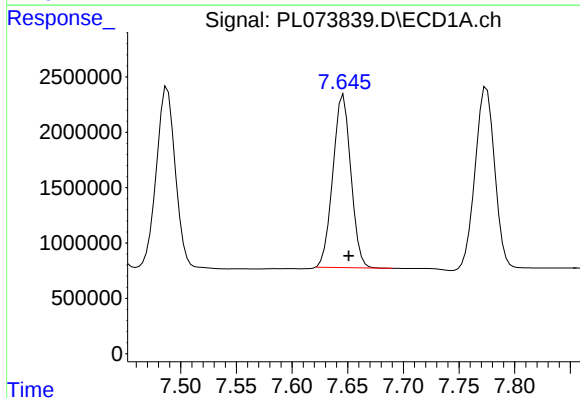
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/06/2022
Supervised By :mohammad ahmed 04/06/2022



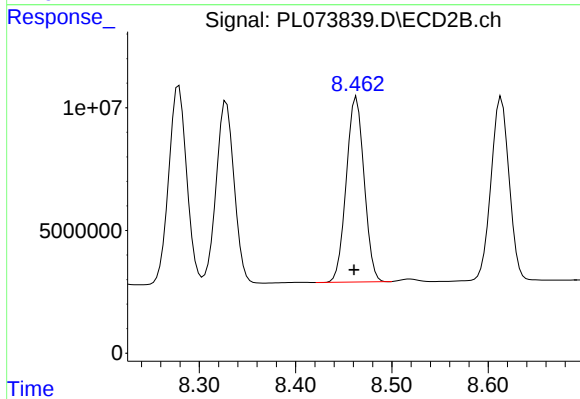
#11 alpha-Chlordane

R.T.: 8.279 min
Delta R.T.: 0.002 min
Response: 107480984
Conc: 53.74 ng/ml



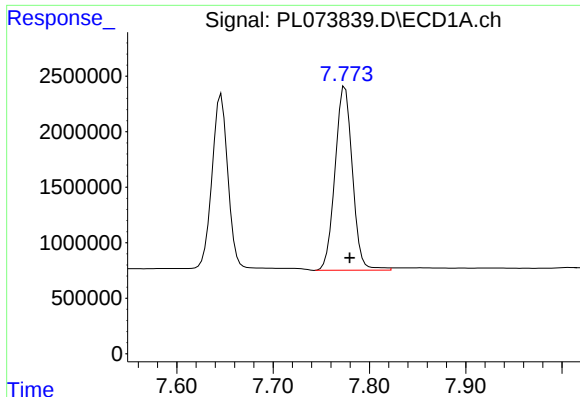
#12 4,4'-DDE

R.T.: 7.646 min
Delta R.T.: -0.005 min
Response: 17506701
Conc: 48.79 ng/ml



#12 4,4'-DDE

R.T.: 8.463 min
Delta R.T.: 0.002 min
Response: 96577280
Conc: 53.88 ng/ml



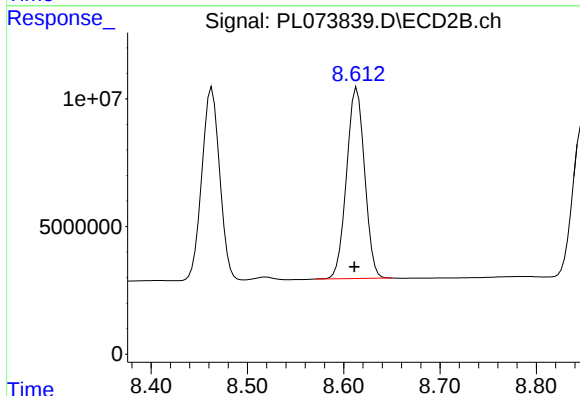
#13 Dieldrin

R.T.: 7.775 min
Delta R.T.: -0.005 min
Response: 20741787
Conc: 49.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

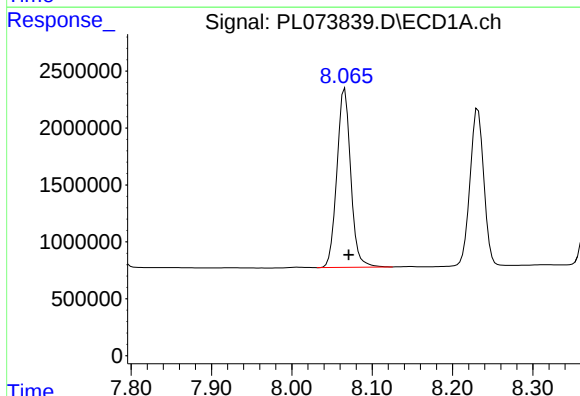
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/06/2022
Supervised By :mohammad ahmed 04/06/2022



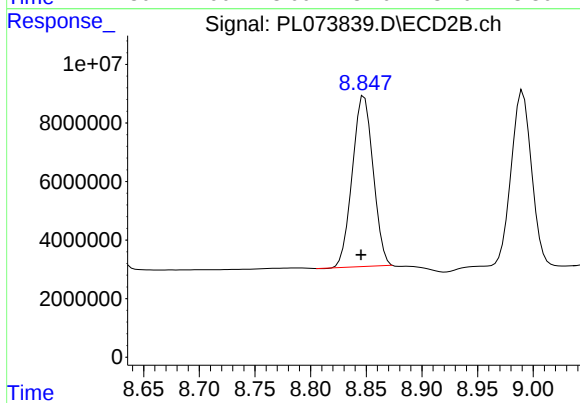
#13 Dieldrin

R.T.: 8.614 min
Delta R.T.: 0.003 min
Response: 96992473
Conc: 52.58 ng/ml



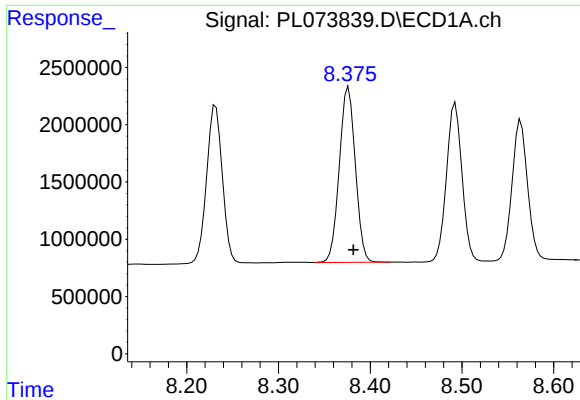
#14 Endrin

R.T.: 8.066 min
Delta R.T.: -0.005 min
Response: 18814099
Conc: 48.49 ng/ml



#14 Endrin

R.T.: 8.848 min
Delta R.T.: 0.003 min
Response: 75891115
Conc: 49.30 ng/ml



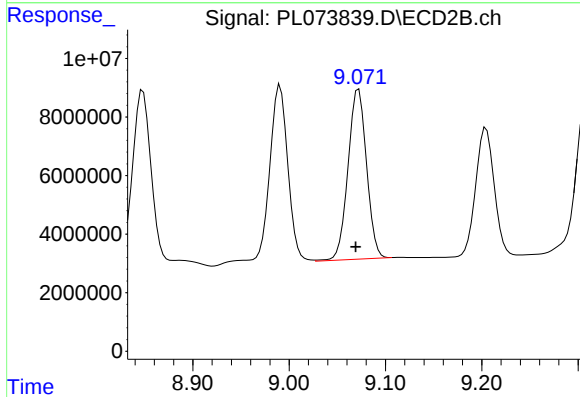
#15 Endosulfan II

R.T.: 8.376 min
Delta R.T.: -0.005 min
Response: 18628622
Conc: 47.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

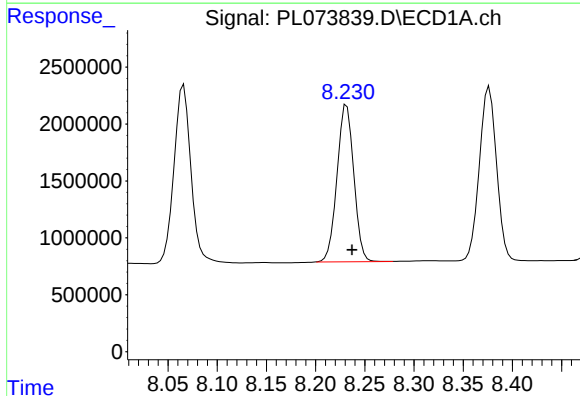
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/06/2022
Supervised By :mohammad ahmed 04/06/2022



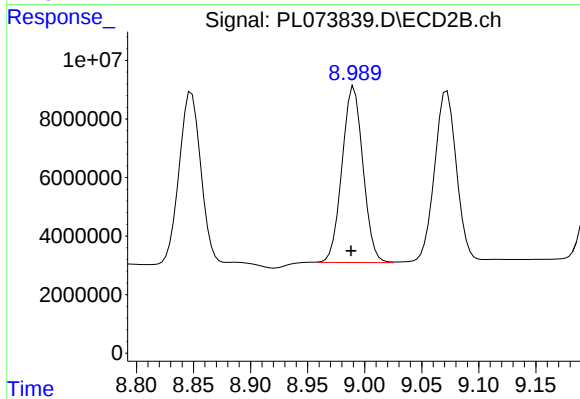
#15 Endosulfan II

R.T.: 9.072 min
Delta R.T.: 0.003 min
Response: 77325998
Conc: 50.35 ng/ml



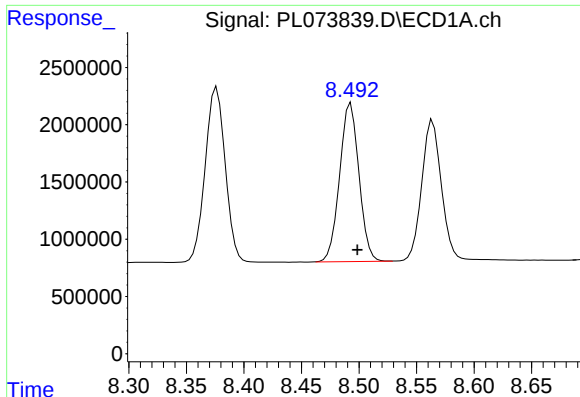
#16 4,4'-DDD

R.T.: 8.232 min
Delta R.T.: -0.005 min
Response: 16382254
Conc: 50.45 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.001 min
Response: 76740190
Conc: 52.57 ng/ml m



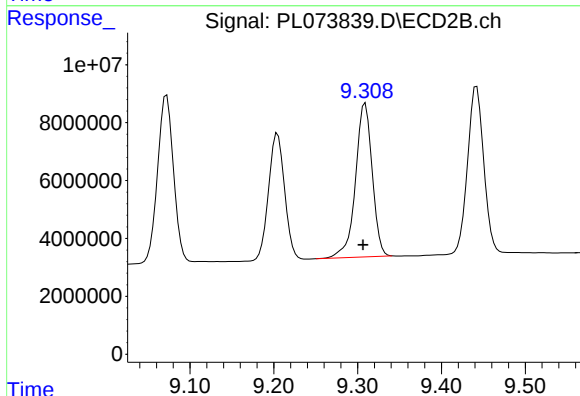
#17 4,4'-DDT

R.T.: 8.493 min
Delta R.T.: -0.006 min
Response: 16213340
Conc: 42.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

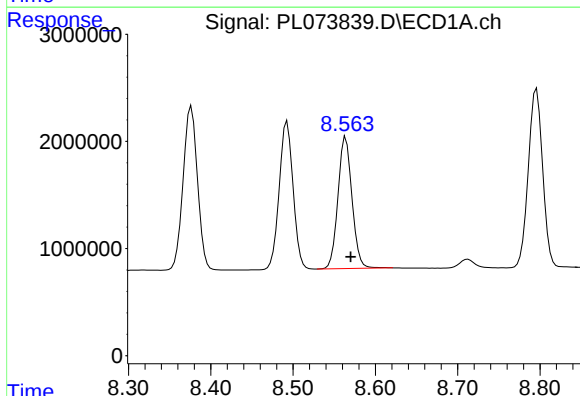
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/06/2022
Supervised By :mohammad ahmed 04/06/2022



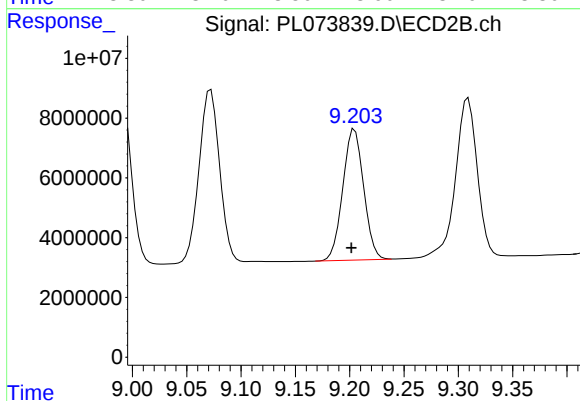
#17 4,4'-DDT

R.T.: 9.309 min
Delta R.T.: 0.003 min
Response: 73747592
Conc: 45.12 ng/ml



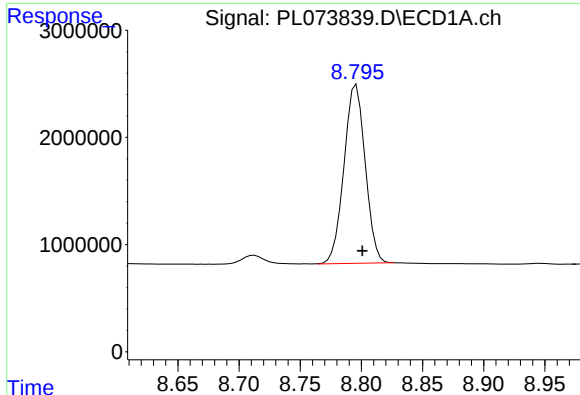
#18 Endrin aldehyde

R.T.: 8.564 min
Delta R.T.: -0.006 min
Response: 14561648
Conc: 46.05 ng/ml



#18 Endrin aldehyde

R.T.: 9.203 min
Delta R.T.: 0.002 min
Response: 58555072
Conc: 47.75 ng/ml m



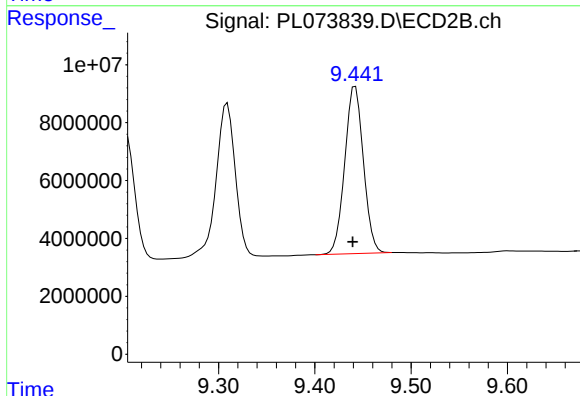
#19 Endosulfan Sulfate

R.T.: 8.795 min
Delta R.T.: -0.006 min
Response: 20131776
Conc: 47.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

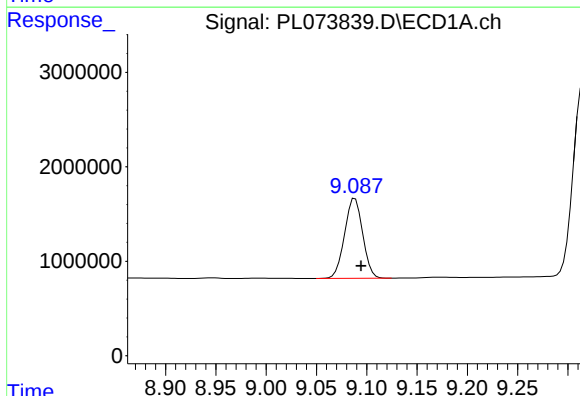
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/06/2022
Supervised By :mohammad ahmed 04/06/2022



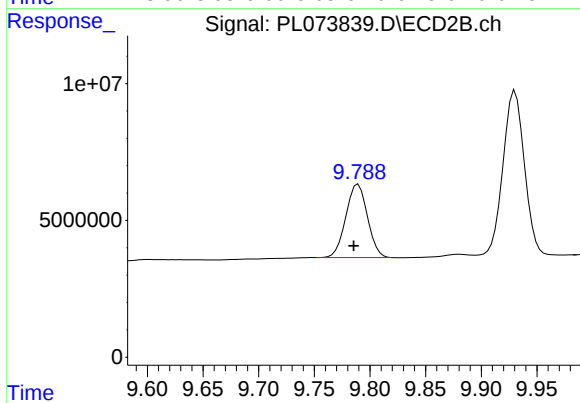
#19 Endosulfan Sulfate

R.T.: 9.442 min
Delta R.T.: 0.003 min
Response: 77624387
Conc: 49.25 ng/ml



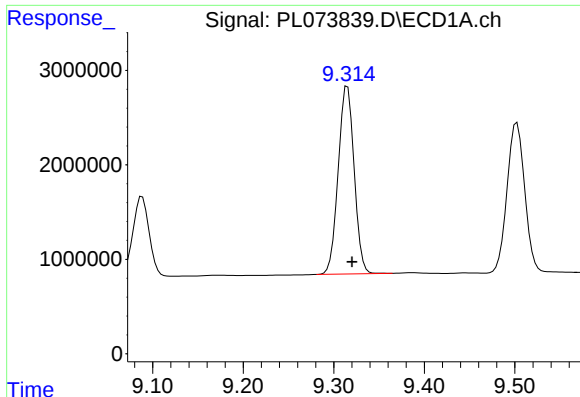
#20 Methoxychlor

R.T.: 9.088 min
Delta R.T.: -0.006 min
Response: 10585762
Conc: 41.26 ng/ml



#20 Methoxychlor

R.T.: 9.790 min
Delta R.T.: 0.004 min
Response: 36226310
Conc: 40.20 ng/ml



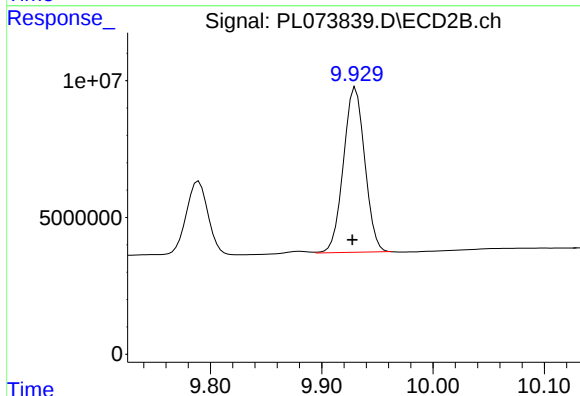
#21 Endrin ketone

R.T.: 9.315 min
Delta R.T.: -0.005 min
Response: 24316711
Conc: 49.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

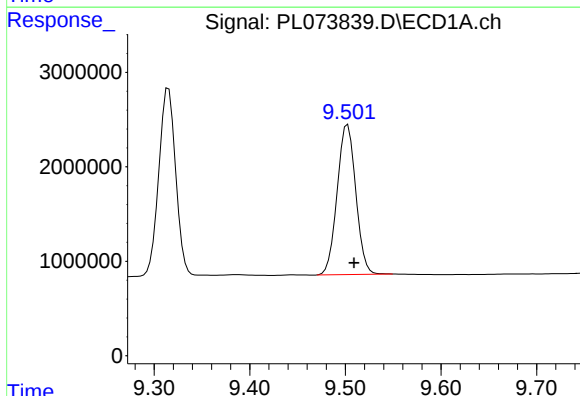
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/06/2022
Supervised By :mohammad ahmed 04/06/2022



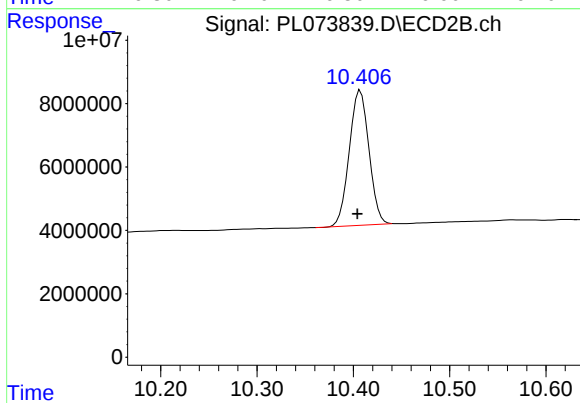
#21 Endrin ketone

R.T.: 9.930 min
Delta R.T.: 0.003 min
Response: 80408109
Conc: 48.71 ng/ml



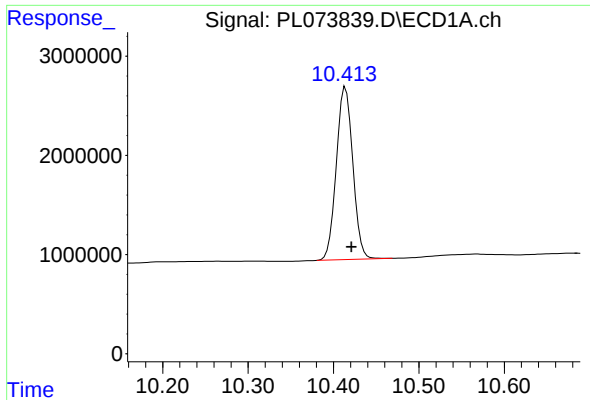
#22 Mirex

R.T.: 9.502 min
Delta R.T.: -0.007 min
Response: 21523136
Conc: 45.64 ng/ml



#22 Mirex

R.T.: 10.407 min
Delta R.T.: 0.003 min
Response: 60405389
Conc: 44.47 ng/ml



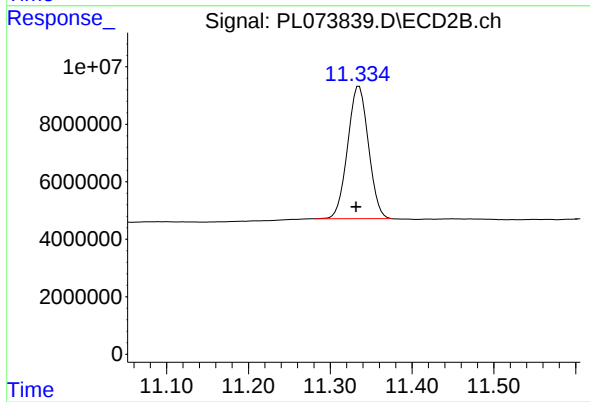
#28 Decachlorobiphenyl

R.T.: 10.414 min
Delta R.T.: -0.007 min
Response: 23374939
Conc: 45.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/06/2022
Supervised By :mohammad ahmed 04/06/2022



#28 Decachlorobiphenyl

R.T.: 11.335 min
Delta R.T.: 0.004 min
Response: 81282309
Conc: 45.46 ng/ml