

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051922\
 Data File : PL074839.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2022 14:31
 Operator : AR\AJ
 Sample : PB144913BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144913BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/20/2022
 Supervised By : mohammad ahmed 05/20/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 02:40:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Sat May 14 02:37:15 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...	5.654	4.651	8299523	22337404	16.346	16.275
28) SA Decachlor...	11.654	10.406	8713765	22151050	19.512	21.581
Target Compounds						
2) A alpha-BHC	6.237	5.355	32344210	83247528	47.277	49.467
3) MA gamma-BHC...	6.635	5.776	30973755	79153768	47.984	47.902
4) MA Heptachlor	7.291	6.186	31360135	75691381	48.592	49.867
5) MB Aldrin	7.665	6.510	30132290	76348061	48.641	50.883
6) B beta-BHC	6.885	6.153	14109688	35990621	47.276m	45.330
7) B delta-BHC	7.157	6.414	29682176	75685852	47.337	48.402
8) B Heptachlo...	8.132	7.085	27728634	69678322	48.754	50.064
9) A Endosulfan I	8.540	7.487	27284500	63691499	47.328	50.907
10) B gamma-Chl...	8.401	7.361	26863671	70818940	51.935m	51.102
11) B alpha-Chl...	8.484	7.431	30256137	70154022	49.559	51.896
12) B 4,4'-DDE	8.670	7.643	23757410	61836790	51.320	52.551
13) MA Dieldrin	8.831	7.773	26756626	68729013	50.906	53.951
14) MA Endrin	9.071	8.063	21803538	57839340	52.836	54.756
15) B Endosulfa...	9.304	8.372	23905193	59345681	54.378	52.537
16) A 4,4'-DDD	9.211	8.226	20567912	50928000	45.492	51.696
17) MA 4,4'-DDT	9.531	8.488	22055991	53752772	47.986	53.725
18) B Endrin al...	9.440	8.561	20388925	48442150	57.609	60.652
19) B Endosulfa...	9.678	8.791	22946116	58321556	50.769	53.578
20) A Methoxychlor	10.017	9.082	12731451	31793641	51.984	54.405
21) B Endrin ke...	10.181	9.310	26913251	64478252	52.479	57.834
22) Mirex	10.655	9.499	20353283	51695705	50.441	53.372

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051922\
Data File : PL074839.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2022 14:31
Operator : AR\AJ
Sample : PB144913BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB144913BS

Manual Integrations

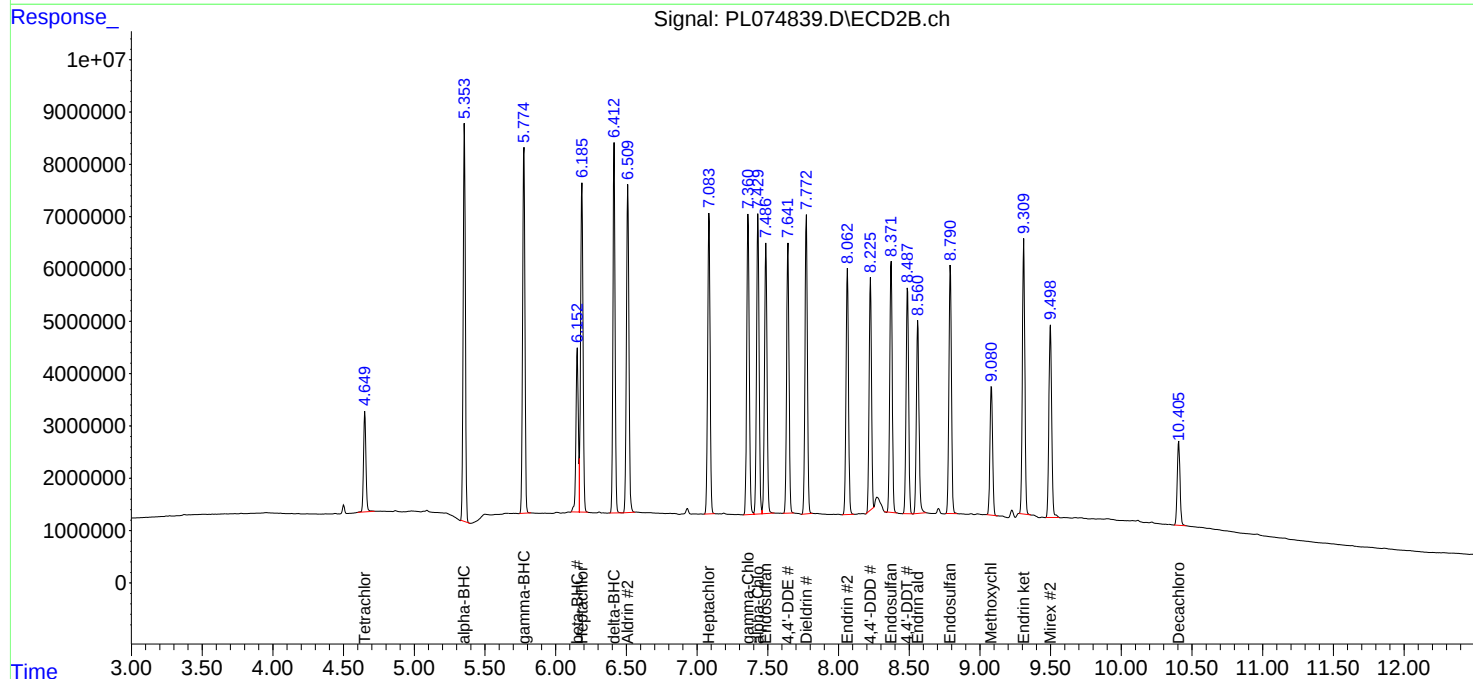
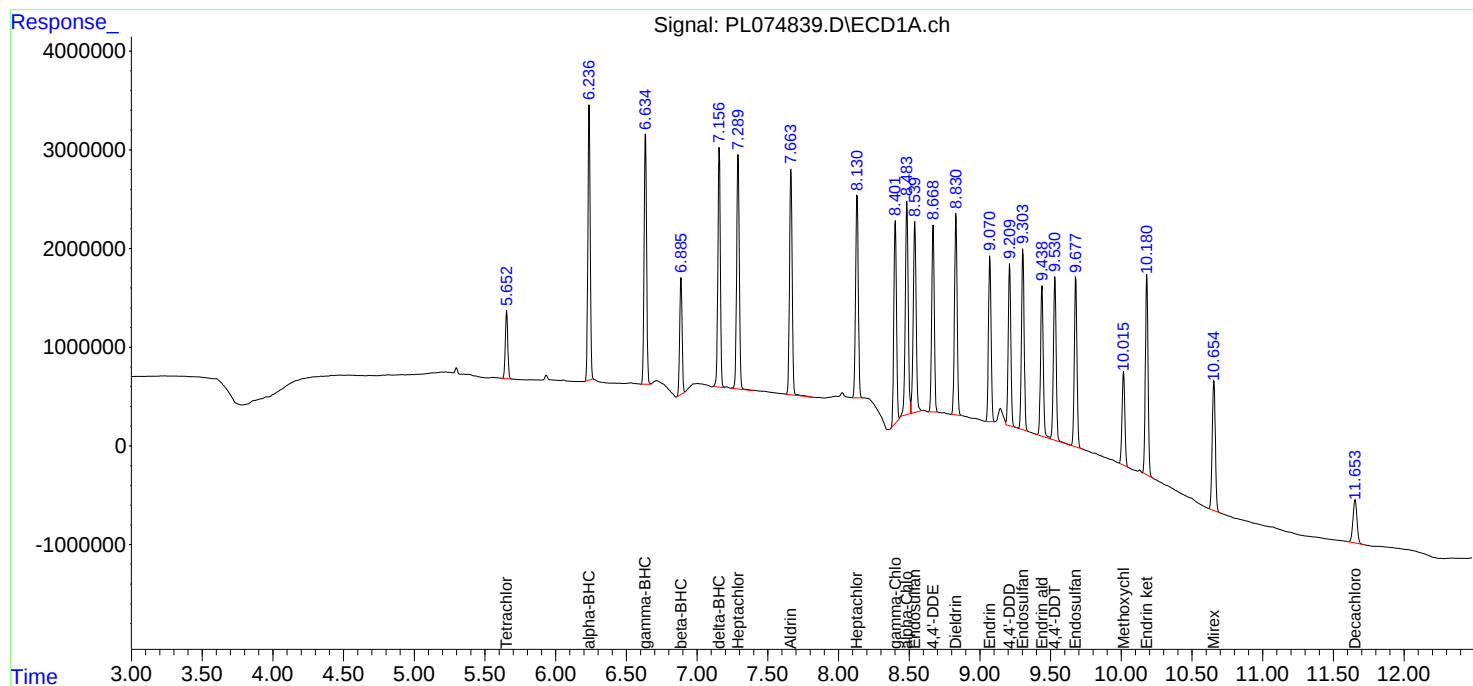
APPROVED

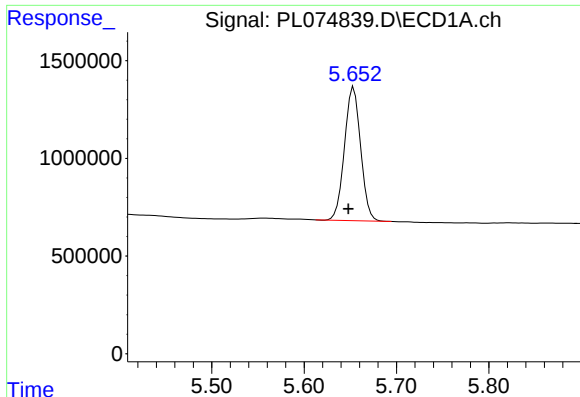
Reviewed By :Abdul Mirza 05/20/2022

Supervised By :mohammad ahmed 05/20/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 20 02:40:29 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
Quant Title : GC Extractables
QLast Update : Sat May 14 02:37:15 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





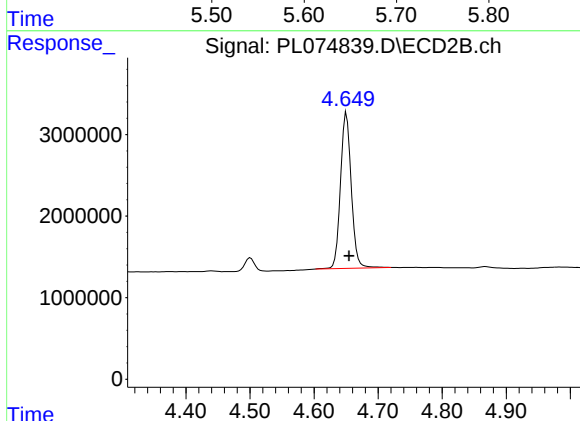
#1 Tetrachloro-m-xylene

R.T.: 5.654 min
Delta R.T.: 0.006 min
Response: 8299523
Conc: 16.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144913BS

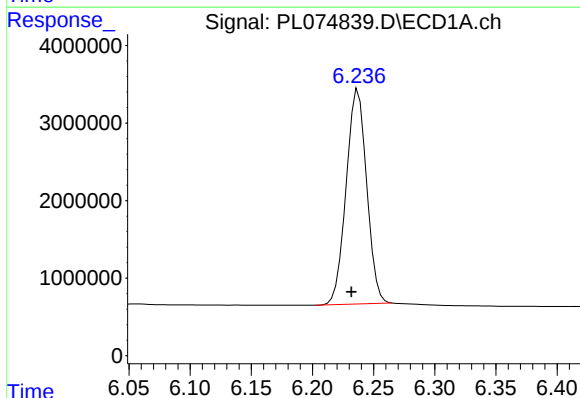
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/20/2022
Supervised By :mohammad ahmed 05/20/2022



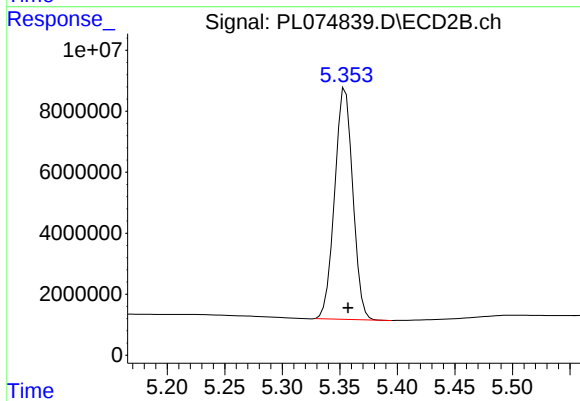
#1 Tetrachloro-m-xylene

R.T.: 4.651 min
Delta R.T.: -0.004 min
Response: 22337404
Conc: 16.27 ng/ml



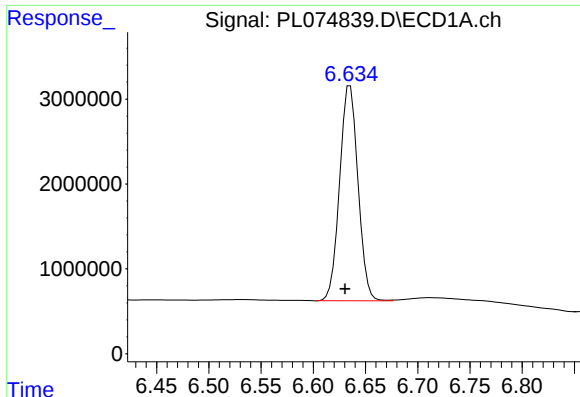
#2 alpha-BHC

R.T.: 6.237 min
Delta R.T.: 0.005 min
Response: 32344210
Conc: 47.28 ng/ml



#2 alpha-BHC

R.T.: 5.355 min
Delta R.T.: -0.002 min
Response: 83247528
Conc: 49.47 ng/ml



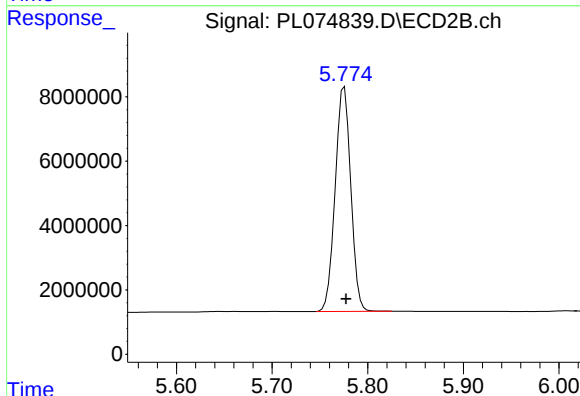
#3 gamma-BHC (Lindane)

R.T.: 6.635 min
Delta R.T.: 0.005 min
Response: 30973755
Conc: 47.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144913BS

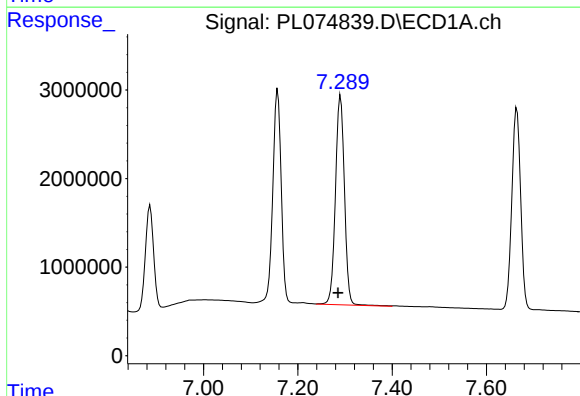
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/20/2022
Supervised By :mohammad ahmed 05/20/2022



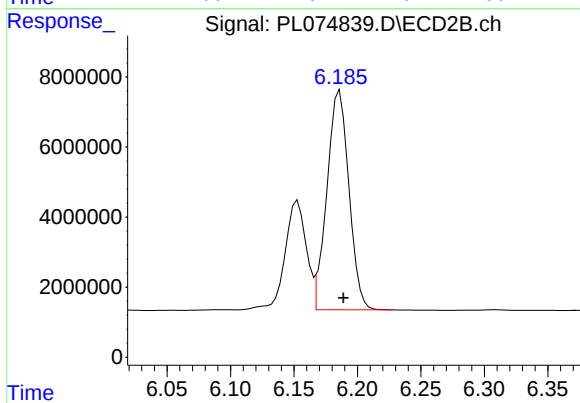
#3 gamma-BHC (Lindane)

R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 79153768
Conc: 47.90 ng/ml



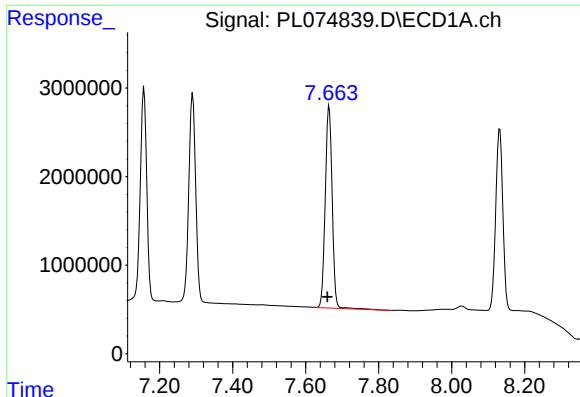
#4 Heptachlor

R.T.: 7.291 min
Delta R.T.: 0.005 min
Response: 31360135
Conc: 48.59 ng/ml



#4 Heptachlor

R.T.: 6.186 min
Delta R.T.: -0.003 min
Response: 75691381
Conc: 49.87 ng/ml



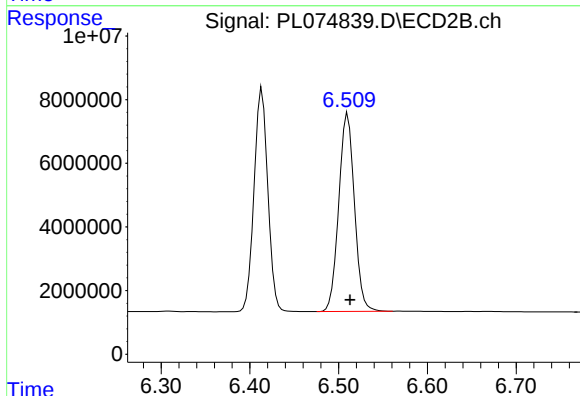
#5 Aldrin

R.T.: 7.665 min
Delta R.T.: 0.005 min
Response: 30132290
Conc: 48.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144913BS

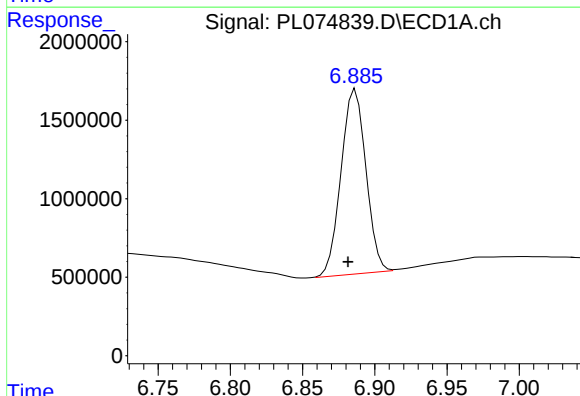
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/20/2022
Supervised By :mohammad ahmed 05/20/2022



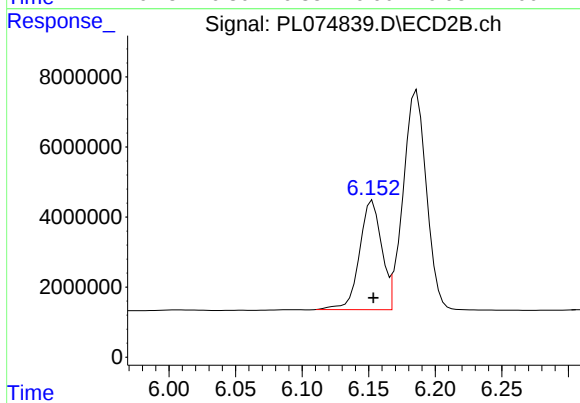
#5 Aldrin

R.T.: 6.510 min
Delta R.T.: -0.003 min
Response: 76348061
Conc: 50.88 ng/ml



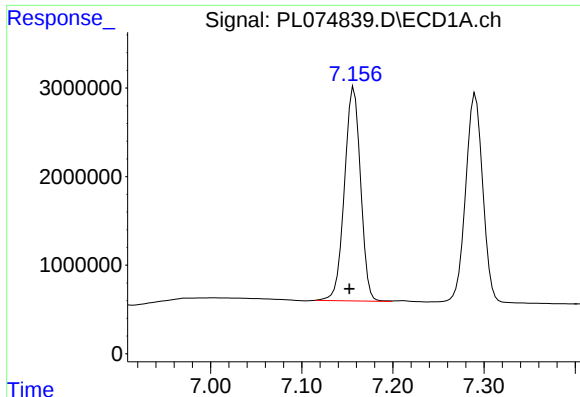
#6 beta-BHC

R.T.: 6.885 min
Delta R.T.: 0.004 min
Response: 14109688
Conc: 47.28 ng/ml m



#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 35990621
Conc: 45.33 ng/ml



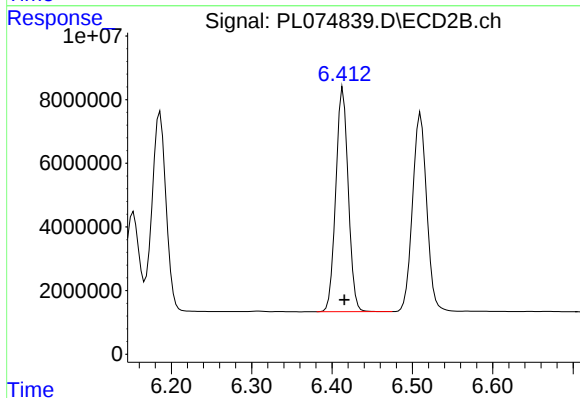
#7 delta-BHC

R.T.: 7.157 min
Delta R.T.: 0.005 min
Response: 29682176
Conc: 47.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144913BS

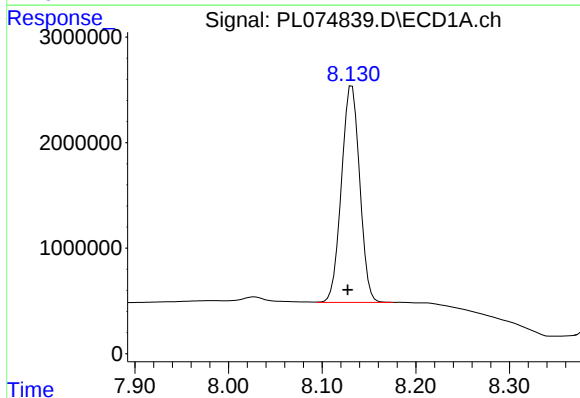
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/20/2022
Supervised By :mohammad ahmed 05/20/2022



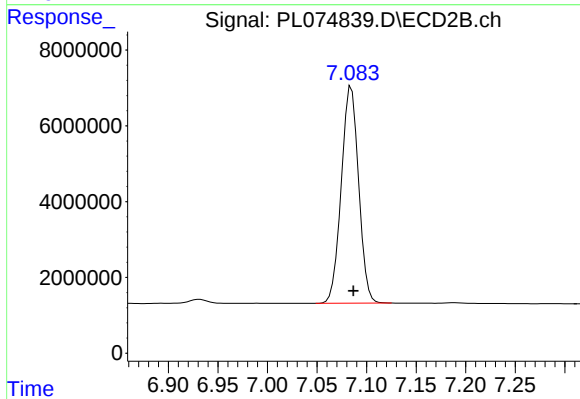
#7 delta-BHC

R.T.: 6.414 min
Delta R.T.: -0.002 min
Response: 75685852
Conc: 48.40 ng/ml



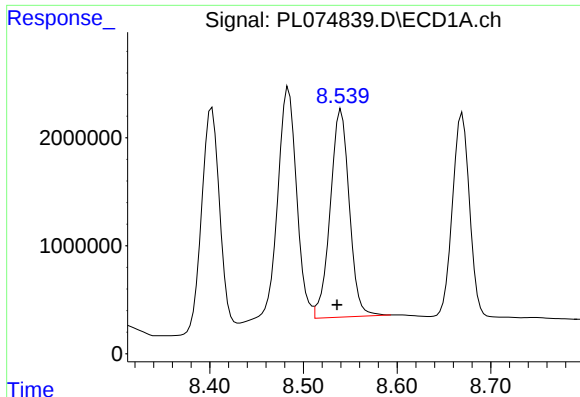
#8 Heptachlor epoxide

R.T.: 8.132 min
Delta R.T.: 0.005 min
Response: 27728634
Conc: 48.75 ng/ml



#8 Heptachlor epoxide

R.T.: 7.085 min
Delta R.T.: -0.002 min
Response: 69678322
Conc: 50.06 ng/ml



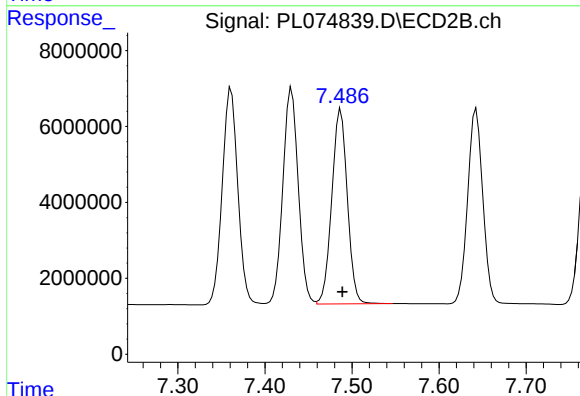
#9 Endosulfan I

R.T.: 8.540 min
Delta R.T.: 0.004 min
Response: 27284500
Conc: 47.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144913BS

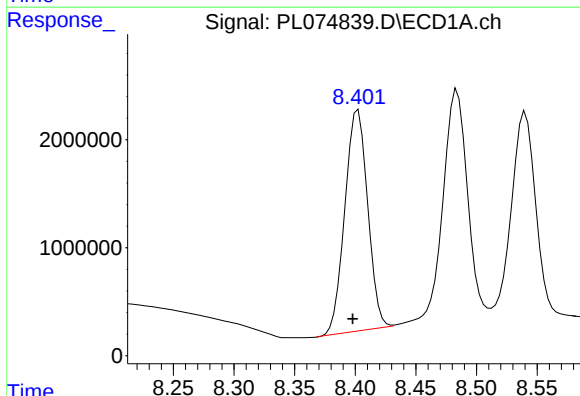
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/20/2022
Supervised By :mohammad ahmed 05/20/2022



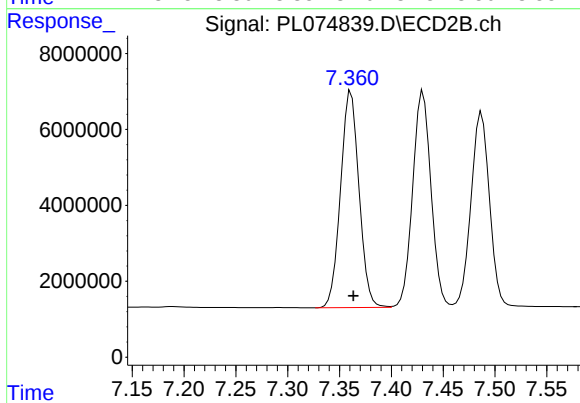
#9 Endosulfan I

R.T.: 7.487 min
Delta R.T.: -0.002 min
Response: 63691499
Conc: 50.91 ng/ml



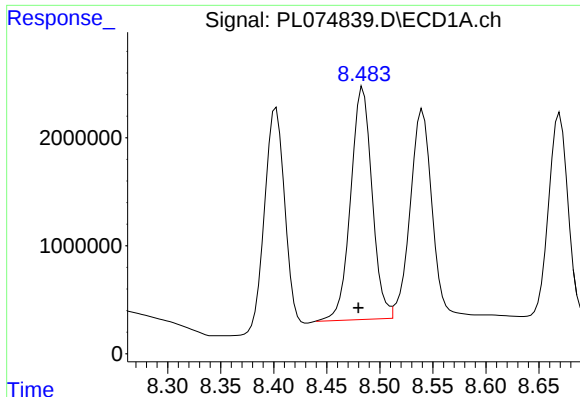
#10 gamma-Chlordane

R.T.: 8.401 min
Delta R.T.: 0.003 min
Response: 26863671
Conc: 51.94 ng/ml m



#10 gamma-Chlordane

R.T.: 7.361 min
Delta R.T.: -0.002 min
Response: 70818940
Conc: 51.10 ng/ml



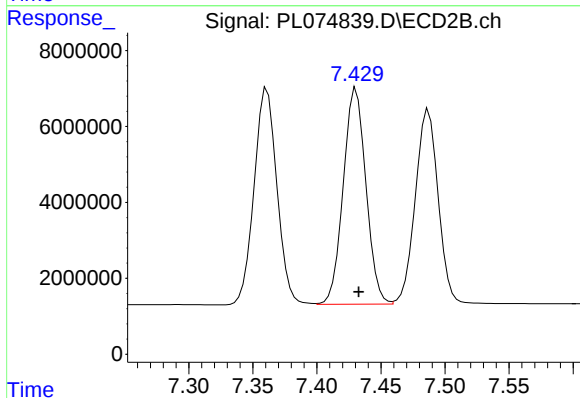
#11 alpha-Chlordane

R.T.: 8.484 min
Delta R.T.: 0.004 min
Response: 30256137
Conc: 49.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144913BS

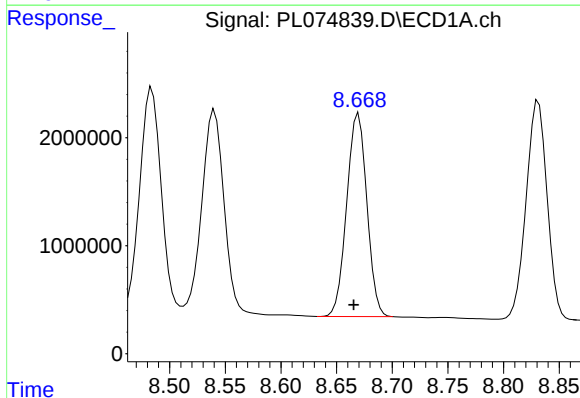
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/20/2022
Supervised By :mohammad ahmed 05/20/2022



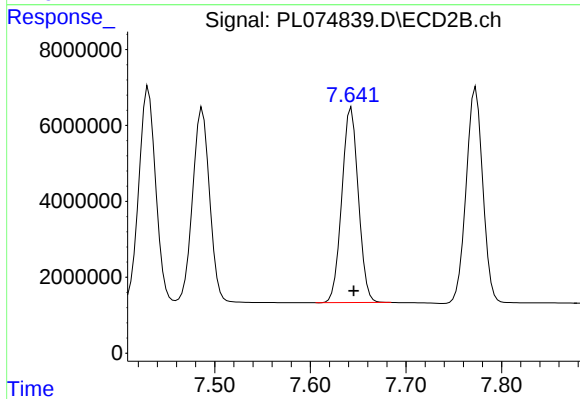
#11 alpha-Chlordane

R.T.: 7.431 min
Delta R.T.: -0.002 min
Response: 70154022
Conc: 51.90 ng/ml



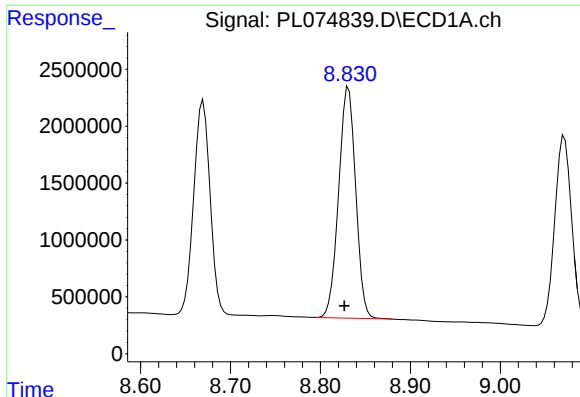
#12 4,4'-DDE

R.T.: 8.670 min
Delta R.T.: 0.004 min
Response: 23757410
Conc: 51.32 ng/ml



#12 4,4'-DDE

R.T.: 7.643 min
Delta R.T.: -0.002 min
Response: 61836790
Conc: 52.55 ng/ml



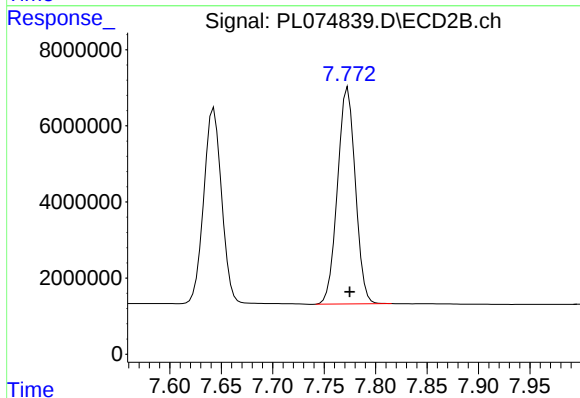
#13 Dieldrin

R.T.: 8.831 min
Delta R.T.: 0.005 min
Response: 26756626
Conc: 50.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144913BS

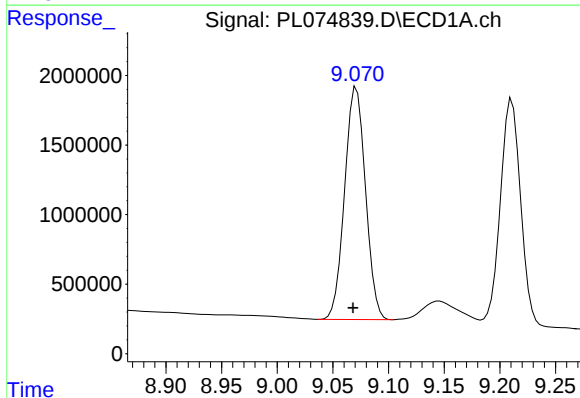
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/20/2022
Supervised By :mohammad ahmed 05/20/2022



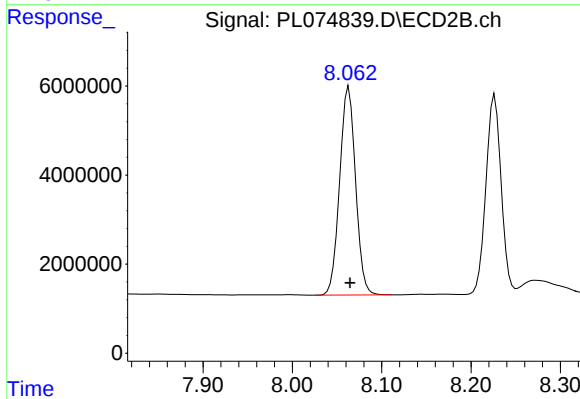
#13 Dieldrin

R.T.: 7.773 min
Delta R.T.: -0.002 min
Response: 68729013
Conc: 53.95 ng/ml



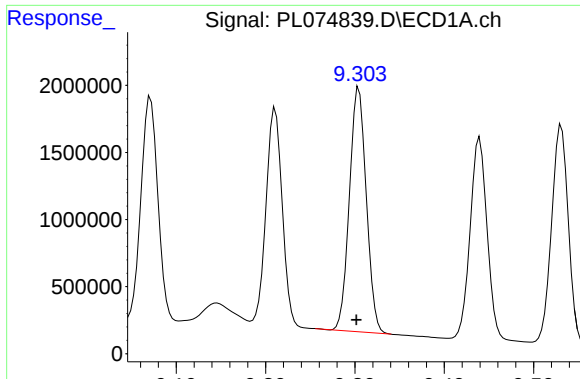
#14 Endrin

R.T.: 9.071 min
Delta R.T.: 0.003 min
Response: 21803538
Conc: 52.84 ng/ml



#14 Endrin

R.T.: 8.063 min
Delta R.T.: -0.001 min
Response: 57839340
Conc: 54.76 ng/ml



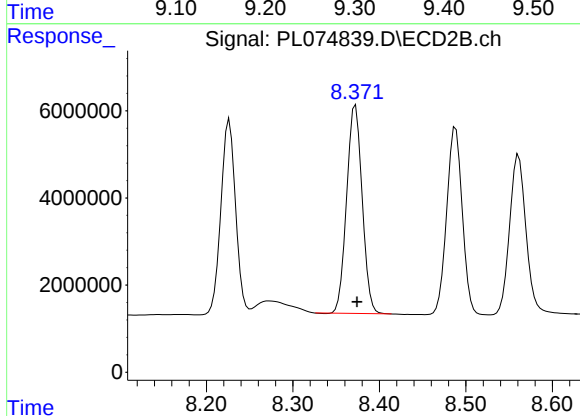
#15 Endosulfan II

R.T.: 9.304 min
Delta R.T.: 0.003 min
Response: 23905193
Conc: 54.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144913BS

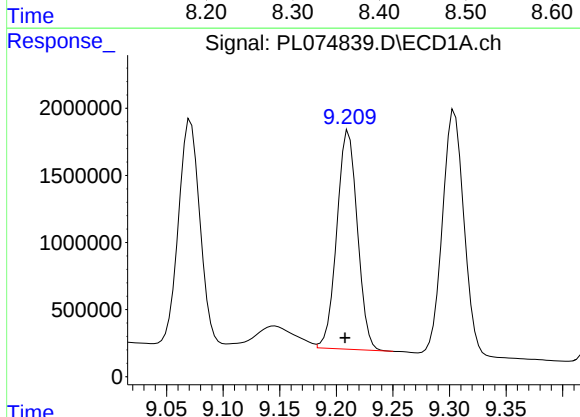
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/20/2022
Supervised By :mohammad ahmed 05/20/2022



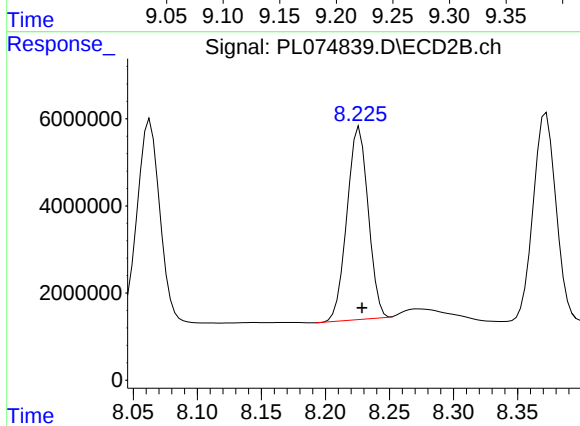
#15 Endosulfan II

R.T.: 8.372 min
Delta R.T.: -0.002 min
Response: 59345681
Conc: 52.54 ng/ml



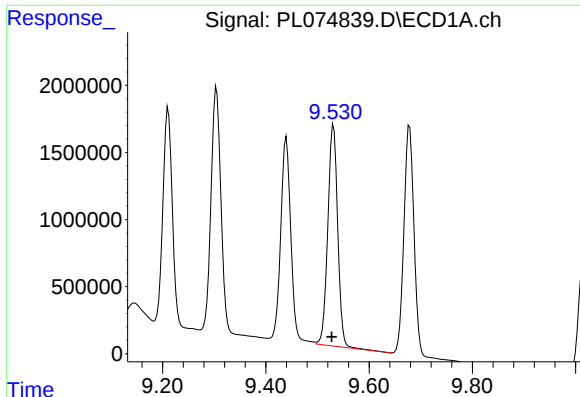
#16 4,4'-DDD

R.T.: 9.211 min
Delta R.T.: 0.003 min
Response: 20567912
Conc: 45.49 ng/ml



#16 4,4'-DDD

R.T.: 8.226 min
Delta R.T.: -0.002 min
Response: 50928000
Conc: 51.70 ng/ml



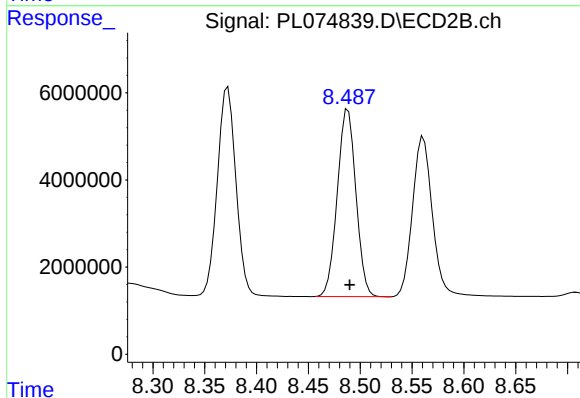
#17 4,4'-DDT

R.T.: 9.531 min
Delta R.T.: 0.004 min
Response: 22055991
Conc: 47.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144913BS

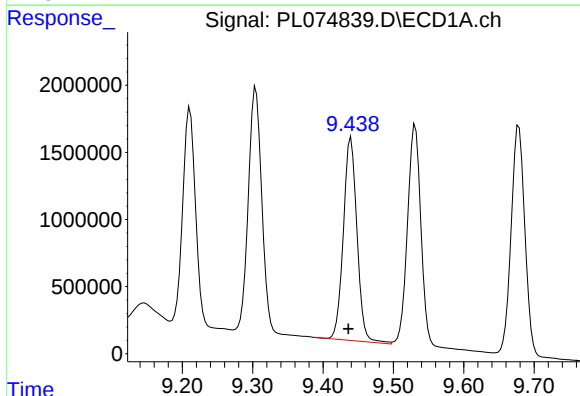
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/20/2022
Supervised By :mohammad ahmed 05/20/2022



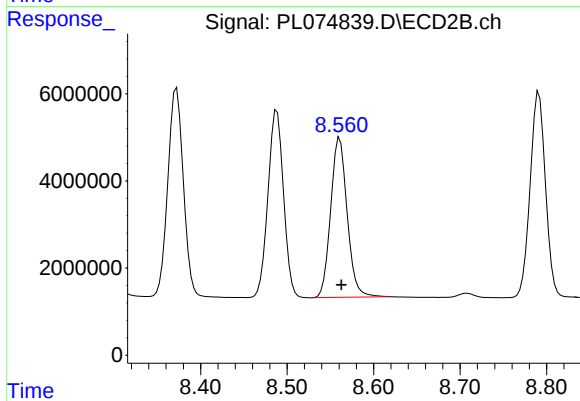
#17 4,4'-DDT

R.T.: 8.488 min
Delta R.T.: -0.002 min
Response: 53752772
Conc: 53.73 ng/ml



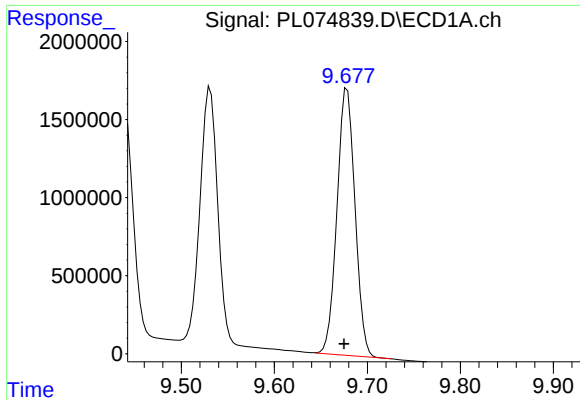
#18 Endrin aldehyde

R.T.: 9.440 min
Delta R.T.: 0.003 min
Response: 20388925
Conc: 57.61 ng/ml



#18 Endrin aldehyde

R.T.: 8.561 min
Delta R.T.: -0.002 min
Response: 48442150
Conc: 60.65 ng/ml



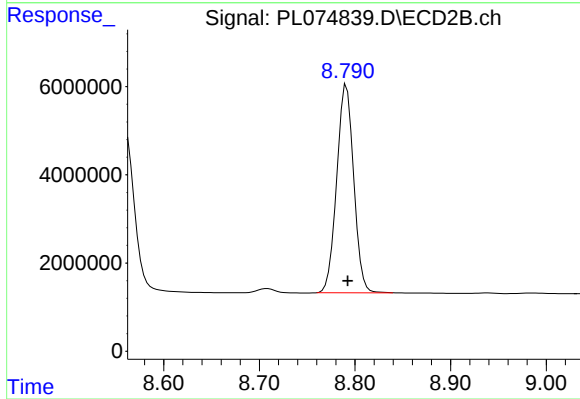
#19 Endosulfan Sulfate

R.T.: 9.678 min
Delta R.T.: 0.003 min
Response: 22946116
Conc: 50.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144913BS

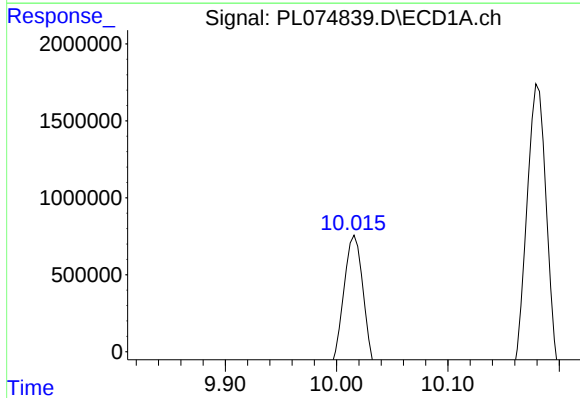
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/20/2022
Supervised By :mohammad ahmed 05/20/2022



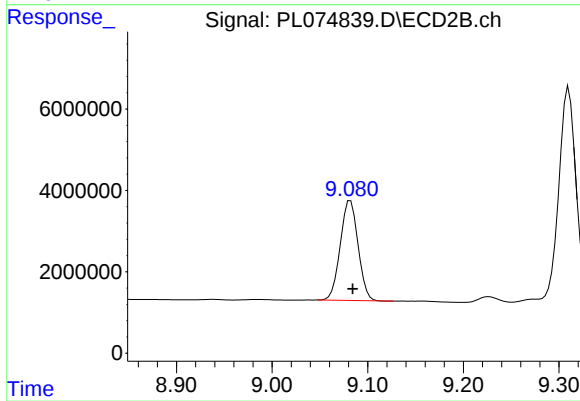
#19 Endosulfan Sulfate

R.T.: 8.791 min
Delta R.T.: -0.001 min
Response: 58321556
Conc: 53.58 ng/ml



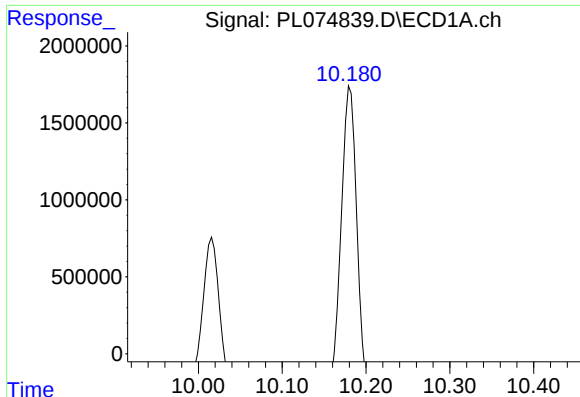
#20 Methoxychlor

R.T.: 10.017 min
Delta R.T.: 0.003 min
Response: 12731451
Conc: 51.98 ng/ml



#20 Methoxychlor

R.T.: 9.082 min
Delta R.T.: -0.002 min
Response: 31793641
Conc: 54.40 ng/ml



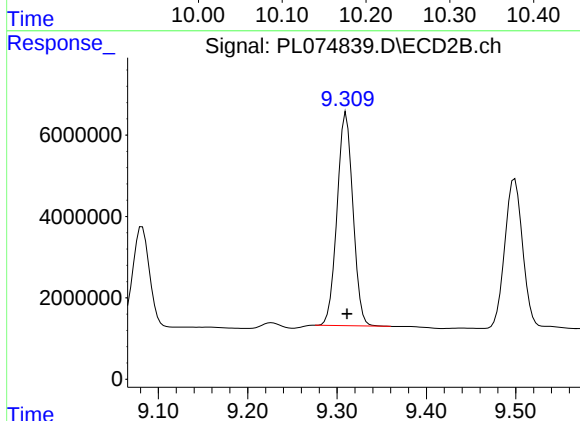
#21 Endrin ketone

R.T.: 10.181 min
Delta R.T.: 0.004 min
Response: 26913251
Conc: 52.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144913BS

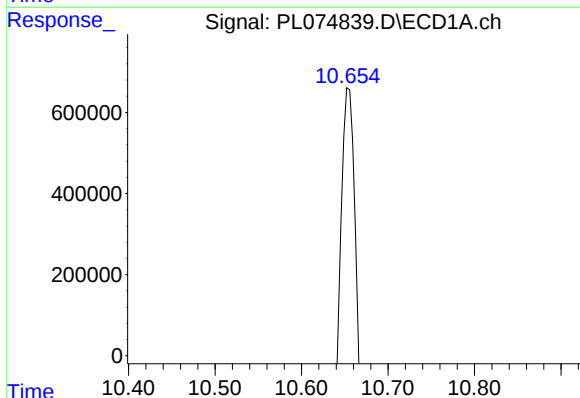
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/20/2022
Supervised By :mohammad ahmed 05/20/2022



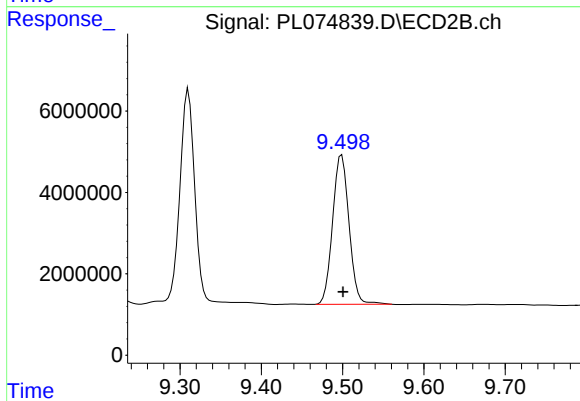
#21 Endrin ketone

R.T.: 9.310 min
Delta R.T.: -0.001 min
Response: 64478252
Conc: 57.83 ng/ml



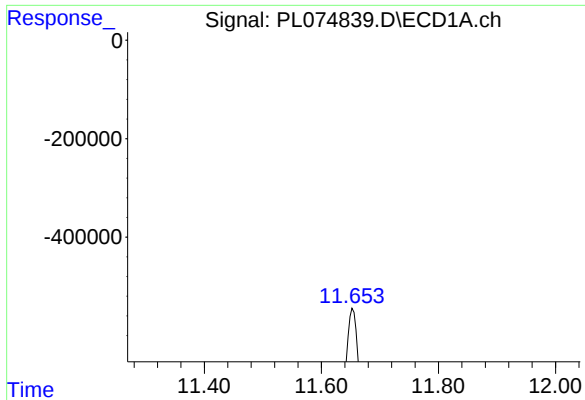
#22 Mirex

R.T.: 10.655 min
Delta R.T.: 0.003 min
Response: 20353283
Conc: 50.44 ng/ml



#22 Mirex

R.T.: 9.499 min
Delta R.T.: -0.002 min
Response: 51695705
Conc: 53.37 ng/ml



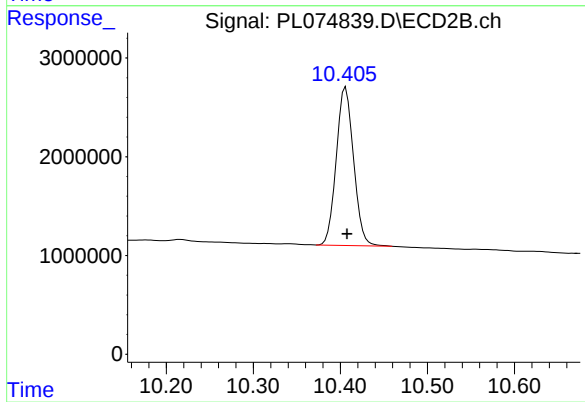
#28 Decachlorobiphenyl

R.T.: 11.654 min
Delta R.T.: 0.003 min
Response: 8713765
Conc: 19.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144913BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/20/2022
Supervised By :mohammad ahmed 05/20/2022



#28 Decachlorobiphenyl

R.T.: 10.406 min
Delta R.T.: -0.002 min
Response: 22151050
Conc: 21.58 ng/ml