

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051122\
 Data File : PL074634.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2022 21:45
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/16/2022
 Supervised By : mohammad ahmed 05/16/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 05:36:56 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...	5.646	4.652	28441919	63073579	56.017	45.955
28)	SA Decachlor...	11.648	10.405	27757918	50670560	62.156	49.367
Target Compounds							
2)	A alpha-BHC	6.231	5.355	40131197	83084390	58.659	49.370
3)	MA gamma-BHC...	6.629	5.776	37901036	79792064	58.716	48.289
4)	MA Heptachlor	7.284	6.186	38008035	73281448	58.893	48.280
5)	MB Aldrin	7.658	6.511	36493418	71980061	58.910	47.972
6)	B beta-BHC	6.880	6.152	17353239	37179746	58.144	46.828
7)	B delta-BHC	7.151	6.413	36647191	76833702	58.444	49.136
8)	B Heptachlo...	8.126	7.085	34032125	66891975	59.837	48.062
9)	A Endosulfan I	8.533	7.487	31380439	60880039	54.433m	48.660
10)	B gamma-Chl...	8.396	7.361	32638090	66237064	63.099	47.796
11)	B alpha-Chl...	8.478	7.431	36392110	65488266	59.610	48.444
12)	B 4,4'-DDE	8.664	7.643	28481916	57260458	61.525	48.662
13)	MA Dieldrin	8.825	7.772	31630678	62400478	60.179	48.983
14)	MA Endrin	9.066	8.062	24980710	52457438	60.535	49.661
15)	B Endosulfa...	9.299	8.372	26118059	52784638	59.412	46.728
16)	A 4,4'-DDD	9.206	8.226	26874502	50253202	59.440	51.011
17)	MA 4,4'-DDT	9.525	8.488	25473782	45650917	55.422	45.627
18)	B Endrin al...	9.435	8.560	20162216	36874008	56.968	46.168
19)	B Endosulfa...	9.673	8.790	26551981	52972803	58.747	48.664
20)	A Methoxychlor	10.011	9.082	14058245	27920278	57.401	47.777
21)	B Endrin ke...	10.175	9.308	29529635	55576596	57.581	49.850
22)	Mirex	10.650	9.498	24293536	46864967	60.206	48.384

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051122\
 Data File : PL074634.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2022 21:45
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

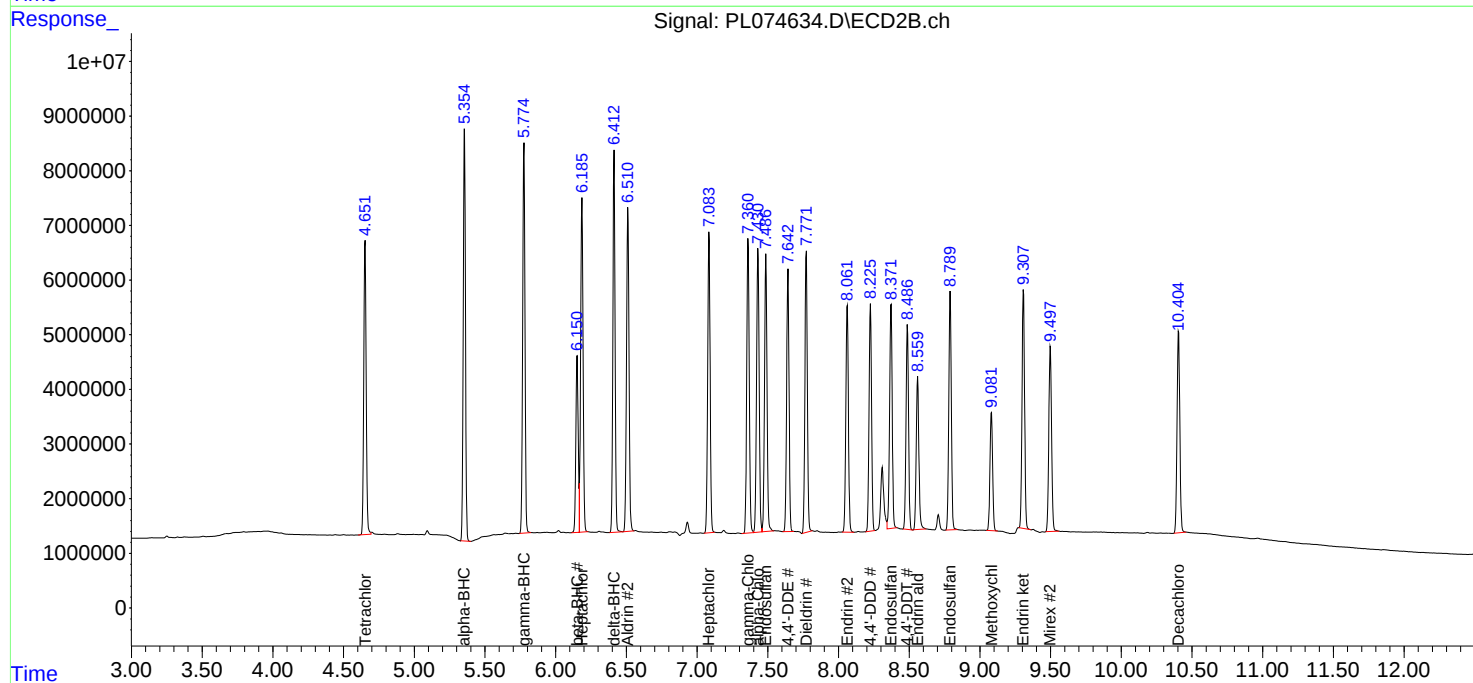
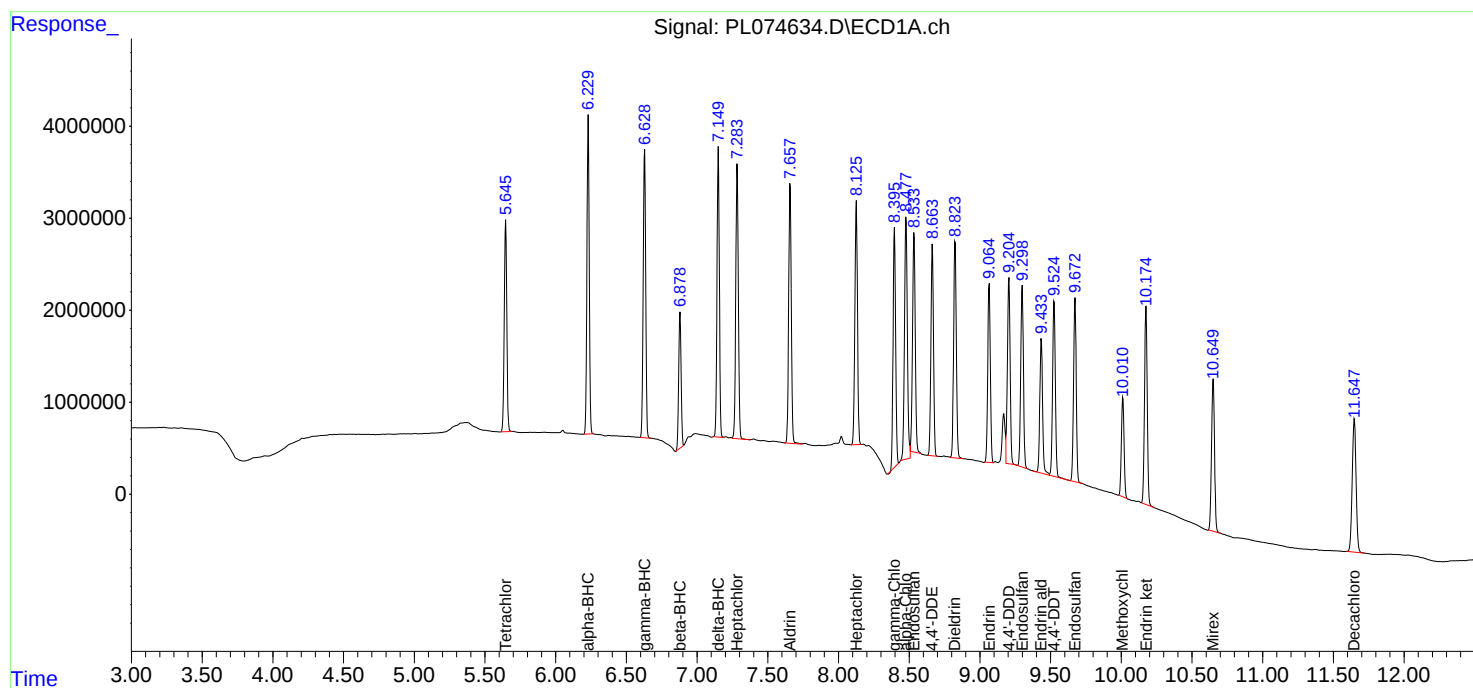
APPROVED

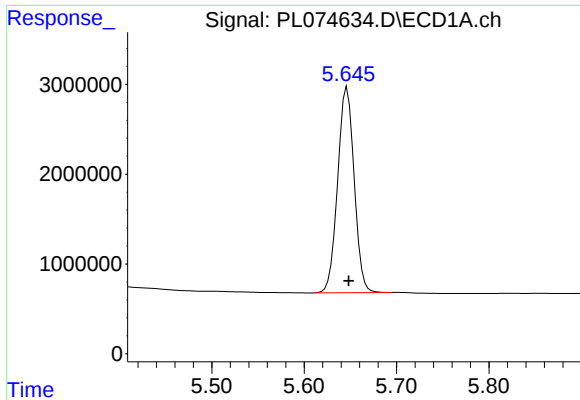
Reviewed By :Abdul Mirza 05/16/2022

Supervised By :mohammad ahmed 05/16/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 05:36:56 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





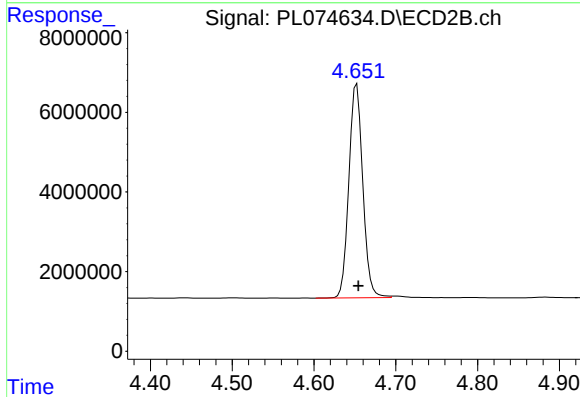
#1 Tetrachloro-m-xylene

R.T.: 5.646 min
Delta R.T.: -0.002 min
Response: 28441919
Conc: 56.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

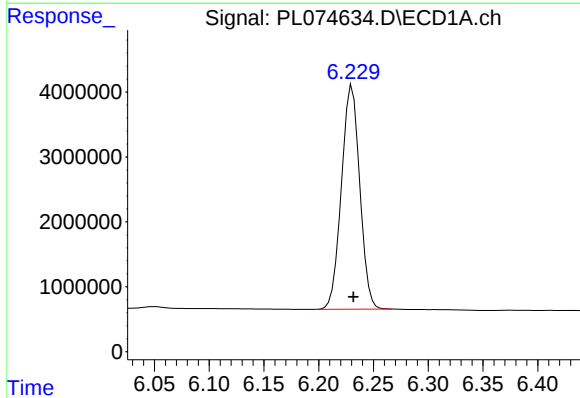
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2022
Supervised By :mohammad ahmed 05/16/2022



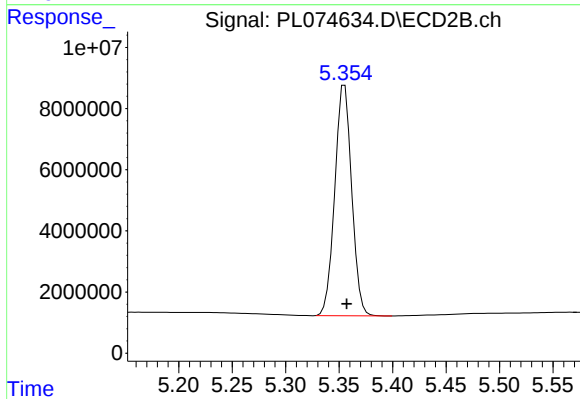
#1 Tetrachloro-m-xylene

R.T.: 4.652 min
Delta R.T.: -0.002 min
Response: 63073579
Conc: 45.95 ng/ml



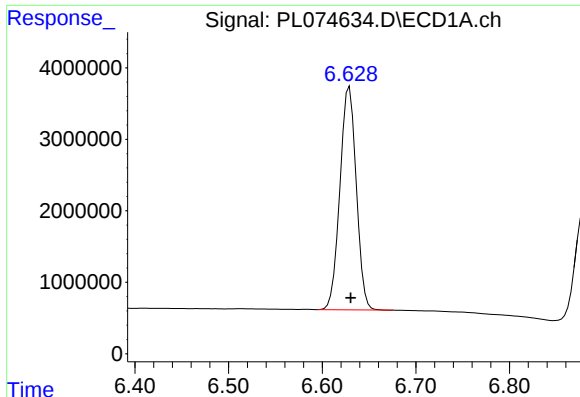
#2 alpha-BHC

R.T.: 6.231 min
Delta R.T.: -0.001 min
Response: 40131197
Conc: 58.66 ng/ml



#2 alpha-BHC

R.T.: 5.355 min
Delta R.T.: -0.002 min
Response: 83084390
Conc: 49.37 ng/ml



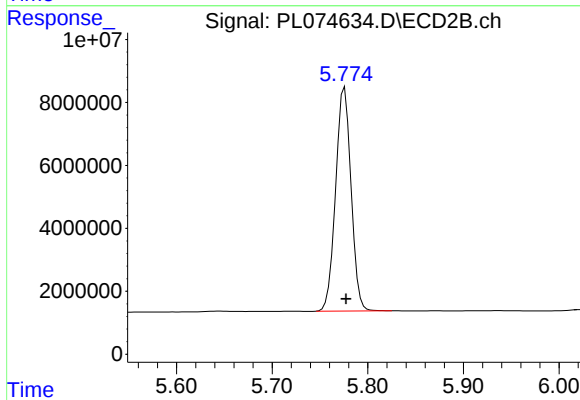
#3 gamma-BHC (Lindane)

R.T.: 6.629 min
Delta R.T.: -0.001 min
Response: 37901036
Conc: 58.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

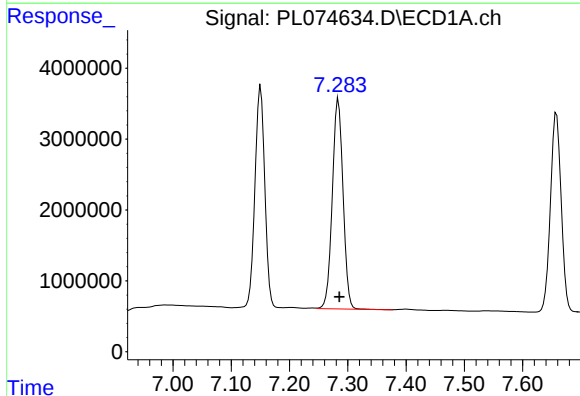
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2022
Supervised By :mohammad ahmed 05/16/2022



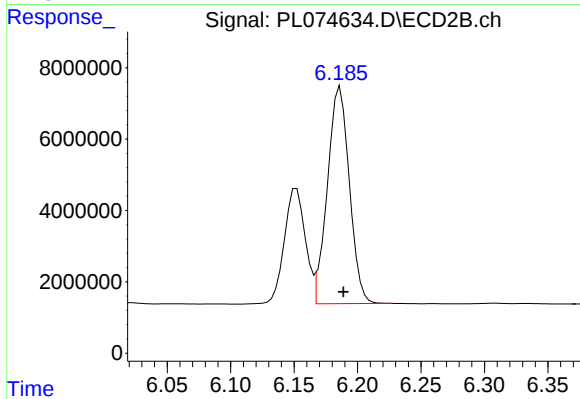
#3 gamma-BHC (Lindane)

R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 79792064
Conc: 48.29 ng/ml



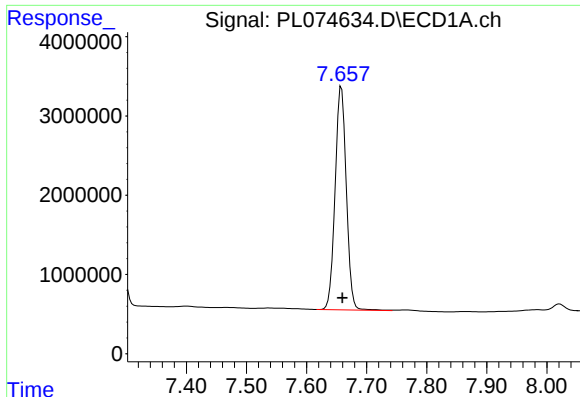
#4 Heptachlor

R.T.: 7.284 min
Delta R.T.: -0.002 min
Response: 38008035
Conc: 58.89 ng/ml



#4 Heptachlor

R.T.: 6.186 min
Delta R.T.: -0.003 min
Response: 73281448
Conc: 48.28 ng/ml



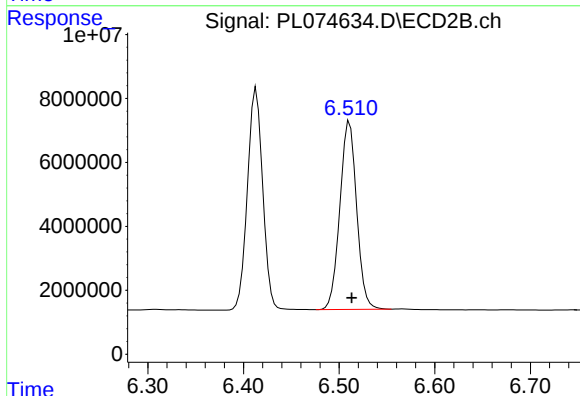
#5 Aldrin

R.T.: 7.658 min
Delta R.T.: -0.002 min
Response: 36493418
Conc: 58.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

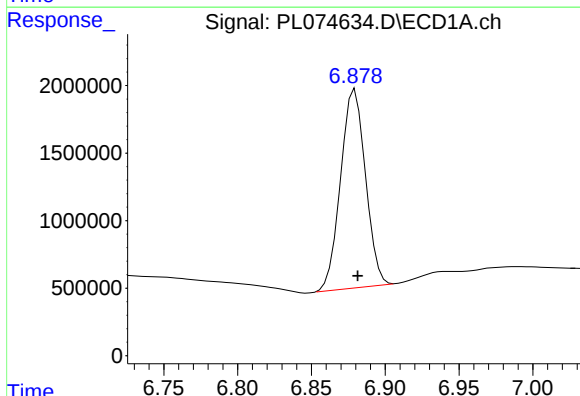
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2022
Supervised By :mohammad ahmed 05/16/2022



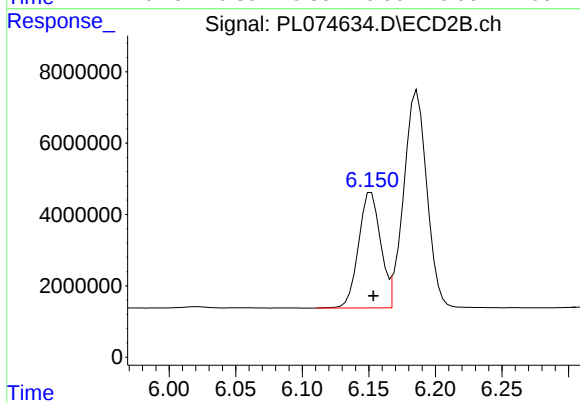
#5 Aldrin

R.T.: 6.511 min
Delta R.T.: -0.002 min
Response: 71980061
Conc: 47.97 ng/ml



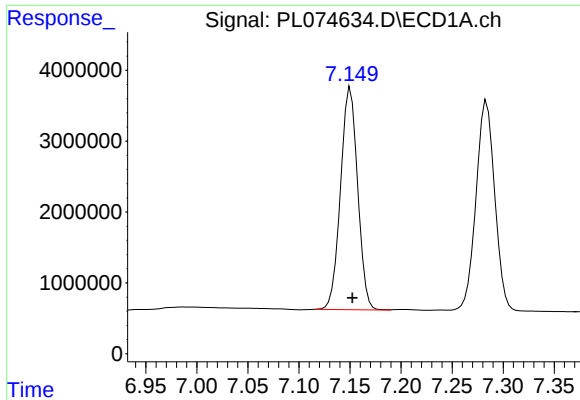
#6 beta-BHC

R.T.: 6.880 min
Delta R.T.: -0.002 min
Response: 17353239
Conc: 58.14 ng/ml



#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: -0.002 min
Response: 37179746
Conc: 46.83 ng/ml



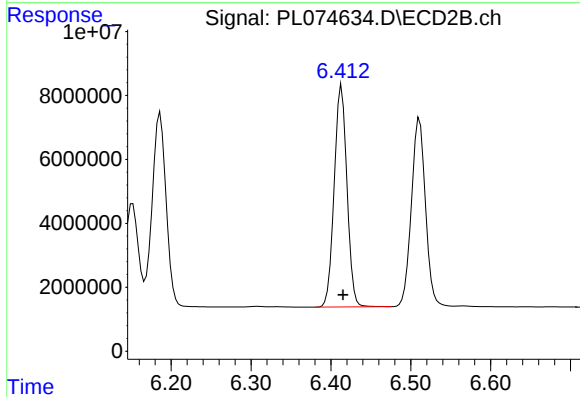
#7 delta-BHC

R.T.: 7.151 min
Delta R.T.: -0.002 min
Response: 36647191
Conc: 58.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

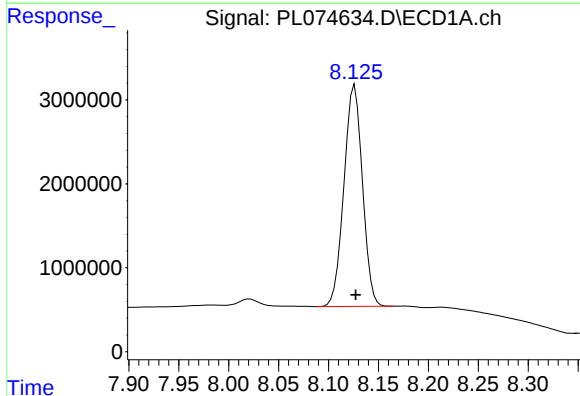
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2022
Supervised By :mohammad ahmed 05/16/2022



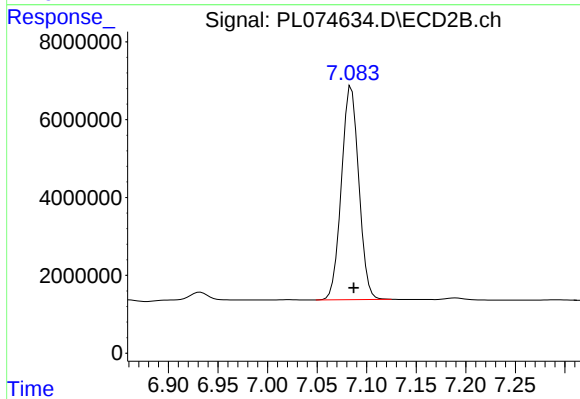
#7 delta-BHC

R.T.: 6.413 min
Delta R.T.: -0.002 min
Response: 76833702
Conc: 49.14 ng/ml



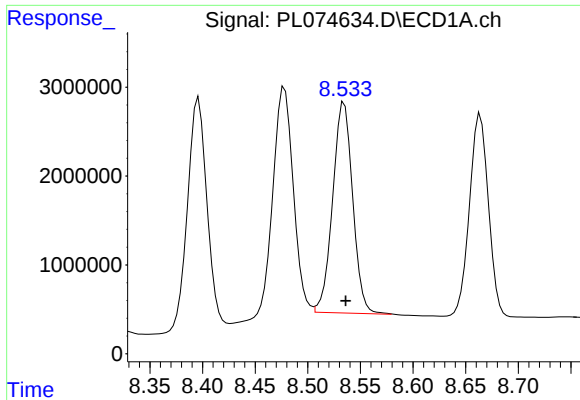
#8 Heptachlor epoxide

R.T.: 8.126 min
Delta R.T.: -0.001 min
Response: 34032125
Conc: 59.84 ng/ml



#8 Heptachlor epoxide

R.T.: 7.085 min
Delta R.T.: -0.002 min
Response: 66891975
Conc: 48.06 ng/ml



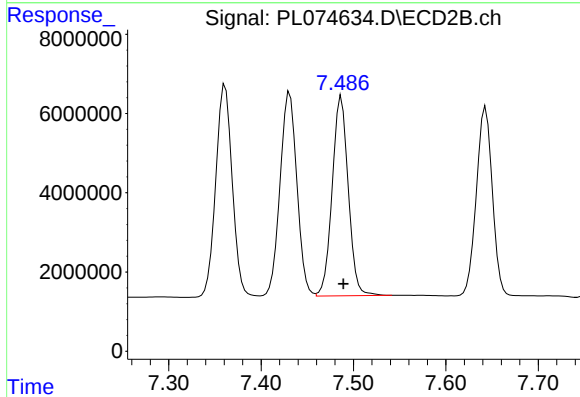
#9 Endosulfan I

R.T.: 8.533 min
Delta R.T.: -0.003 min
Response: 31380439
Conc: 54.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

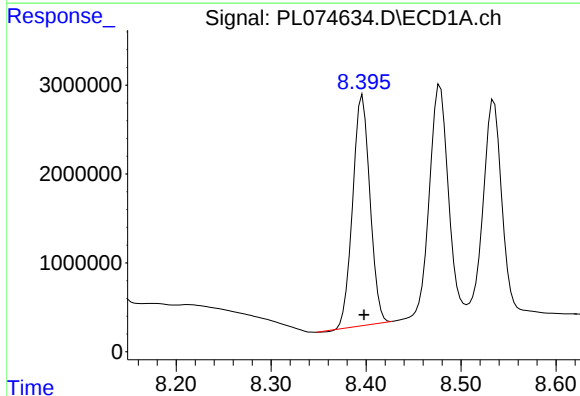
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2022
Supervised By :mohammad ahmed 05/16/2022



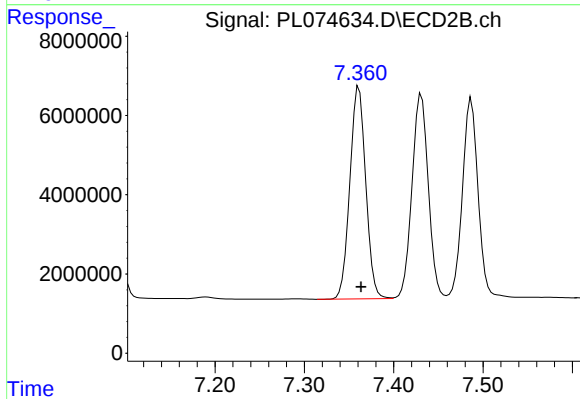
#9 Endosulfan I

R.T.: 7.487 min
Delta R.T.: -0.002 min
Response: 60880039
Conc: 48.66 ng/ml



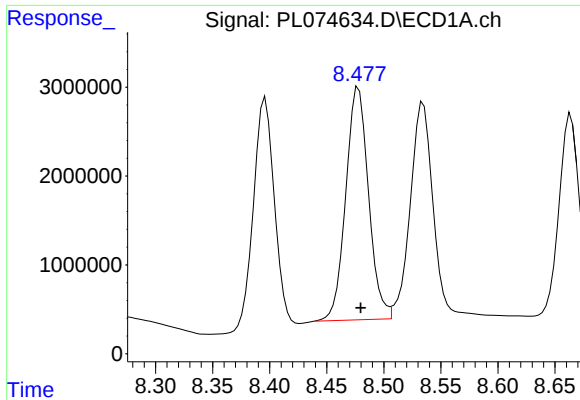
#10 gamma-Chlordane

R.T.: 8.396 min
Delta R.T.: -0.002 min
Response: 32638090
Conc: 63.10 ng/ml



#10 gamma-Chlordane

R.T.: 7.361 min
Delta R.T.: -0.002 min
Response: 66237064
Conc: 47.80 ng/ml



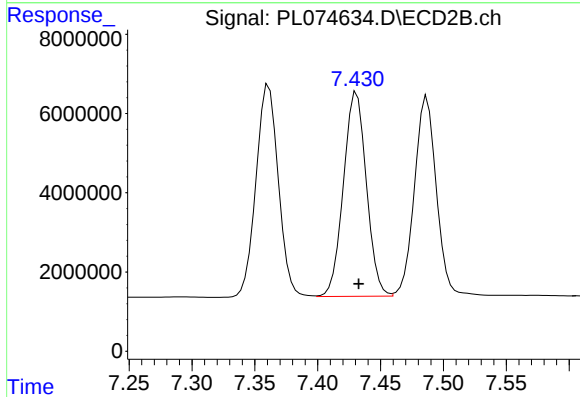
#11 alpha-Chlordane

R.T.: 8.478 min
Delta R.T.: -0.002 min
Response: 36392110
Conc: 59.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

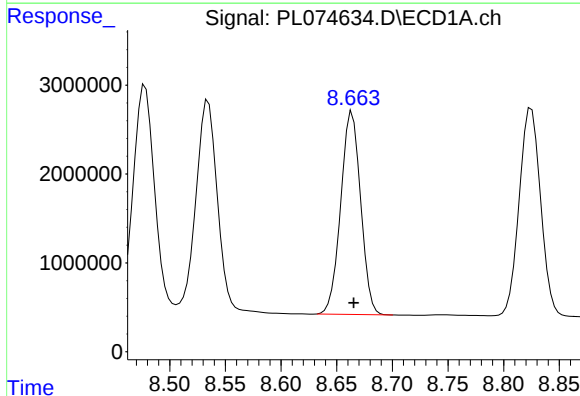
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2022
Supervised By :mohammad ahmed 05/16/2022



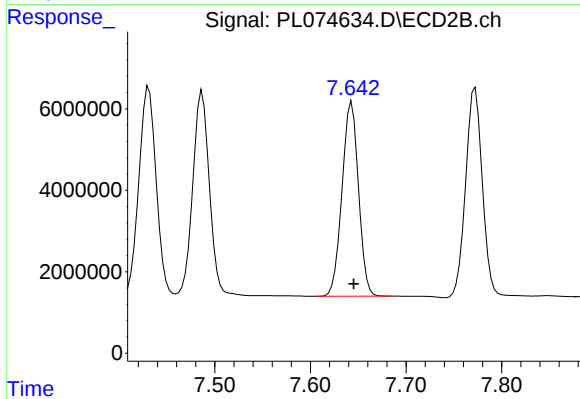
#11 alpha-Chlordane

R.T.: 7.431 min
Delta R.T.: -0.002 min
Response: 65488266
Conc: 48.44 ng/ml



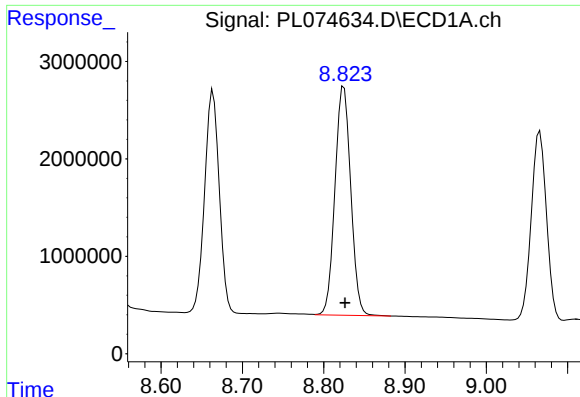
#12 4,4'-DDE

R.T.: 8.664 min
Delta R.T.: -0.002 min
Response: 28481916
Conc: 61.53 ng/ml



#12 4,4'-DDE

R.T.: 7.643 min
Delta R.T.: -0.002 min
Response: 57260458
Conc: 48.66 ng/ml



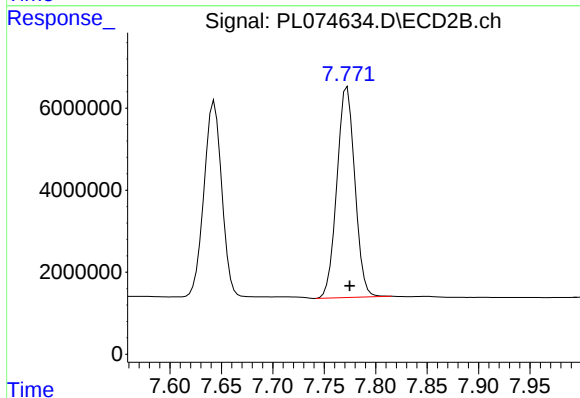
#13 Dieldrin

R.T.: 8.825 min
Delta R.T.: -0.002 min
Response: 31630678
Conc: 60.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

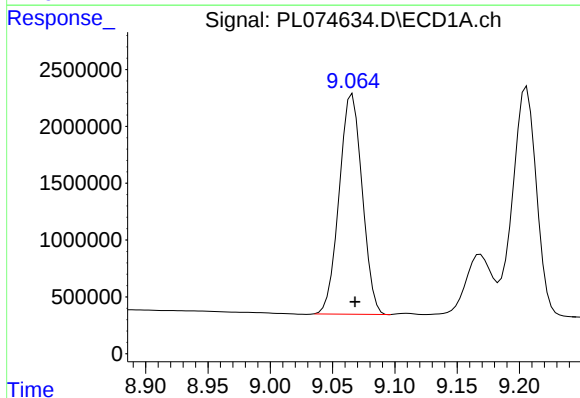
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2022
Supervised By :mohammad ahmed 05/16/2022



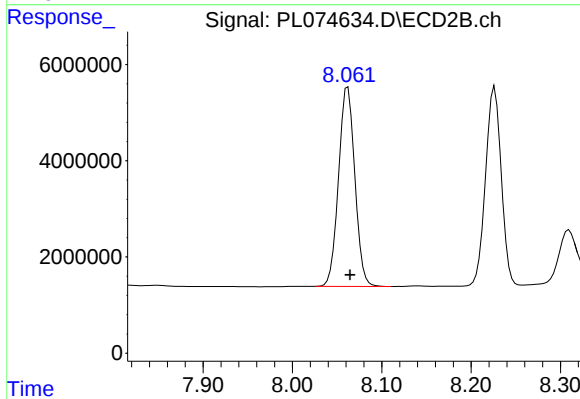
#13 Dieldrin

R.T.: 7.772 min
Delta R.T.: -0.003 min
Response: 62400478
Conc: 48.98 ng/ml



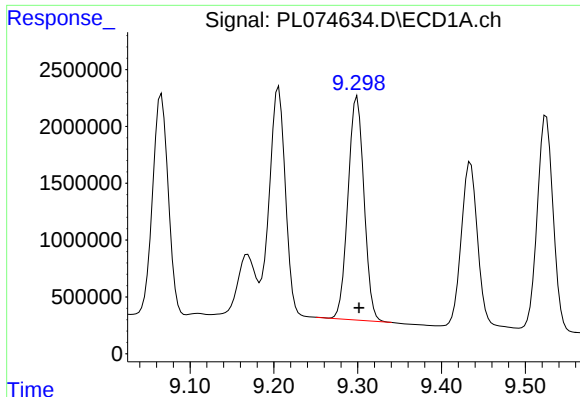
#14 Endrin

R.T.: 9.066 min
Delta R.T.: -0.002 min
Response: 24980710
Conc: 60.54 ng/ml



#14 Endrin

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 52457438
Conc: 49.66 ng/ml



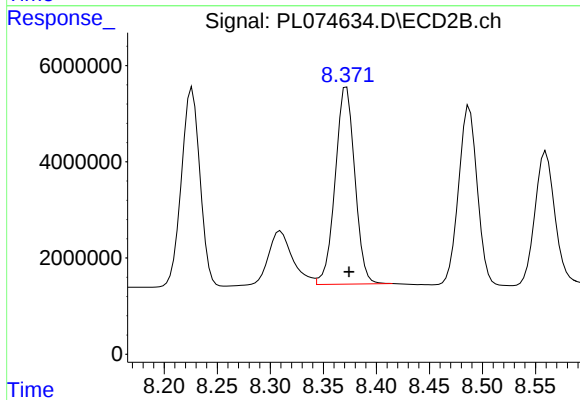
#15 Endosulfan II

R.T.: 9.299 min
Delta R.T.: -0.002 min
Response: 26118059
Conc: 59.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

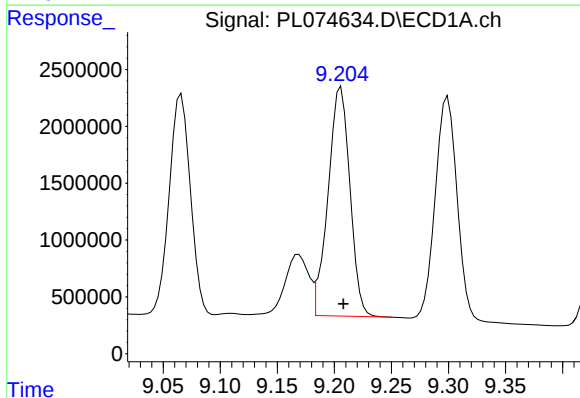
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2022
Supervised By :mohammad ahmed 05/16/2022



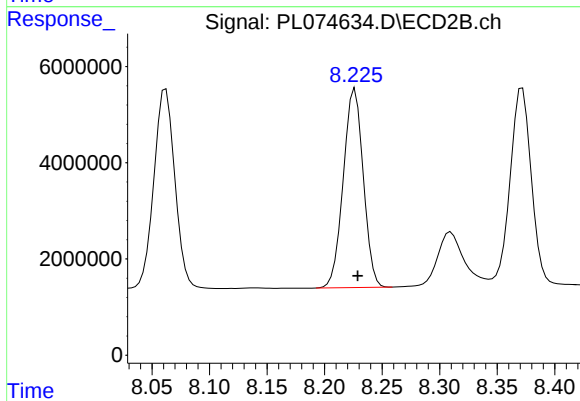
#15 Endosulfan II

R.T.: 8.372 min
Delta R.T.: -0.002 min
Response: 52784638
Conc: 46.73 ng/ml



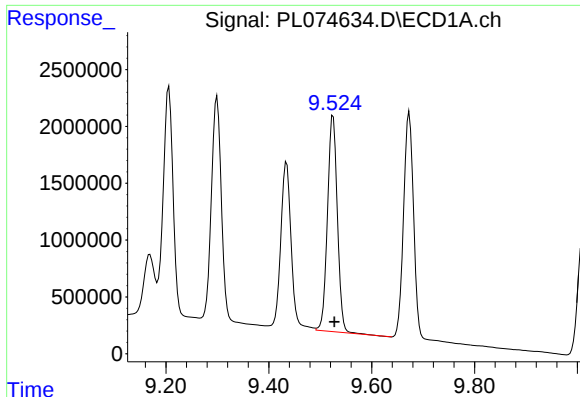
#16 4,4'-DDD

R.T.: 9.206 min
Delta R.T.: -0.002 min
Response: 26874502
Conc: 59.44 ng/ml



#16 4,4'-DDD

R.T.: 8.226 min
Delta R.T.: -0.002 min
Response: 50253202
Conc: 51.01 ng/ml



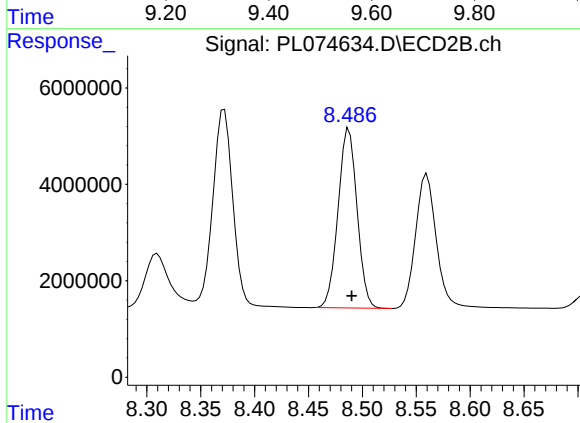
#17 4,4'-DDT

R.T.: 9.525 min
Delta R.T.: -0.002 min
Response: 25473782
Conc: 55.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

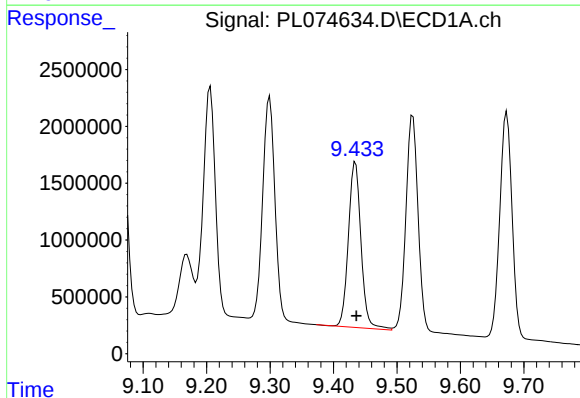
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2022
Supervised By :mohammad ahmed 05/16/2022



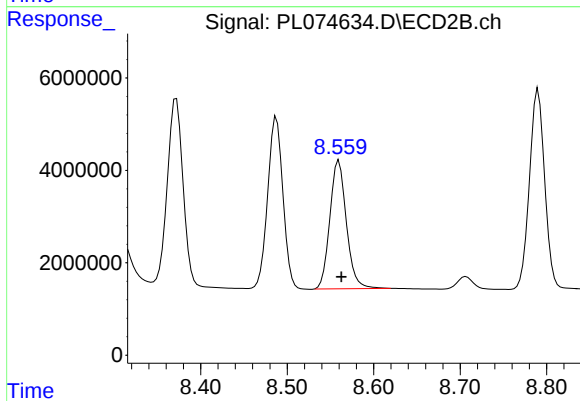
#17 4,4'-DDT

R.T.: 8.488 min
Delta R.T.: -0.002 min
Response: 45650917
Conc: 45.63 ng/ml



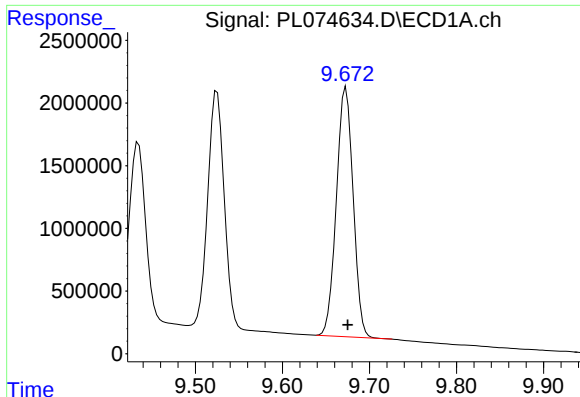
#18 Endrin aldehyde

R.T.: 9.435 min
Delta R.T.: -0.002 min
Response: 20162216
Conc: 56.97 ng/ml



#18 Endrin aldehyde

R.T.: 8.560 min
Delta R.T.: -0.003 min
Response: 36874008
Conc: 46.17 ng/ml



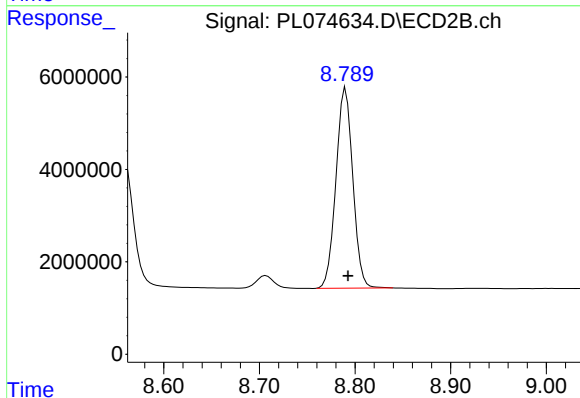
#19 Endosulfan Sulfate

R.T.: 9.673 min
Delta R.T.: -0.002 min
Response: 26551981
Conc: 58.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

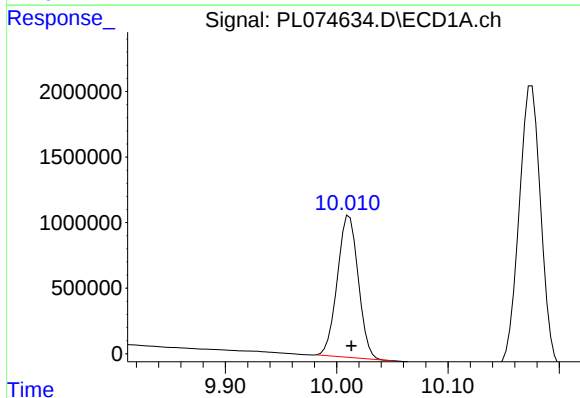
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2022
Supervised By :mohammad ahmed 05/16/2022



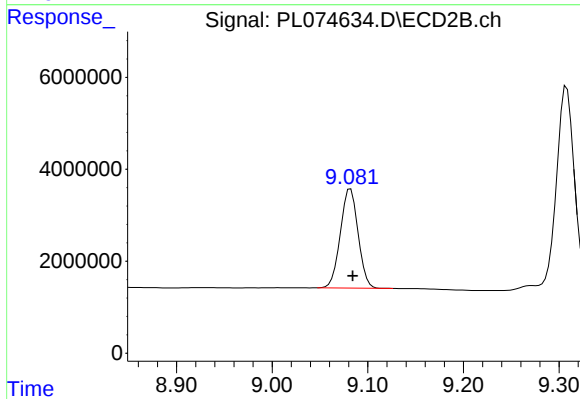
#19 Endosulfan Sulfate

R.T.: 8.790 min
Delta R.T.: -0.002 min
Response: 52972803
Conc: 48.66 ng/ml



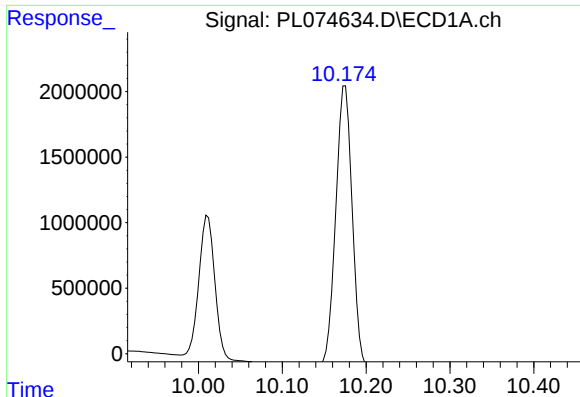
#20 Methoxychlor

R.T.: 10.011 min
Delta R.T.: -0.002 min
Response: 14058245
Conc: 57.40 ng/ml



#20 Methoxychlor

R.T.: 9.082 min
Delta R.T.: -0.002 min
Response: 27920278
Conc: 47.78 ng/ml



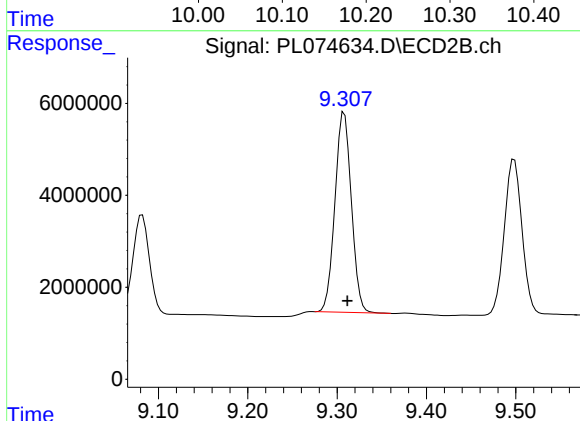
#21 Endrin ketone

R.T.: 10.175 min
Delta R.T.: -0.002 min
Response: 29529635
Conc: 57.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

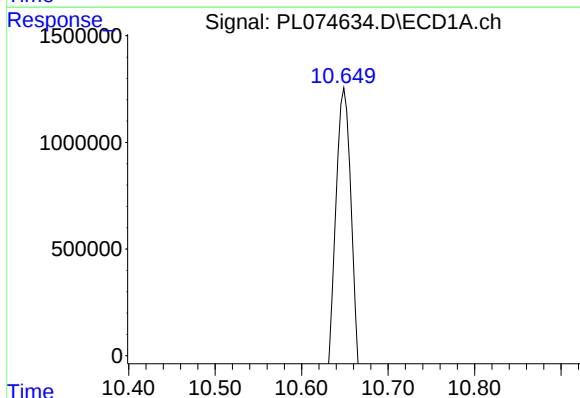
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2022
Supervised By :mohammad ahmed 05/16/2022



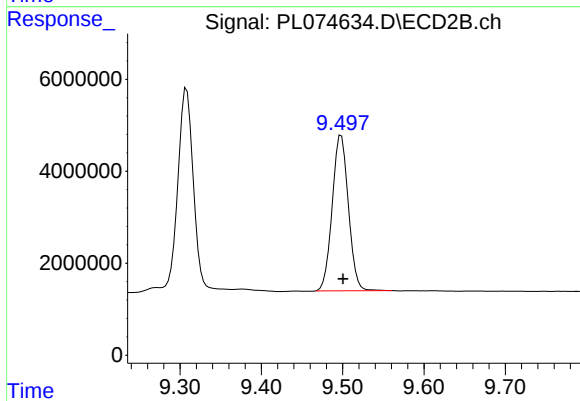
#21 Endrin ketone

R.T.: 9.308 min
Delta R.T.: -0.003 min
Response: 55576596
Conc: 49.85 ng/ml



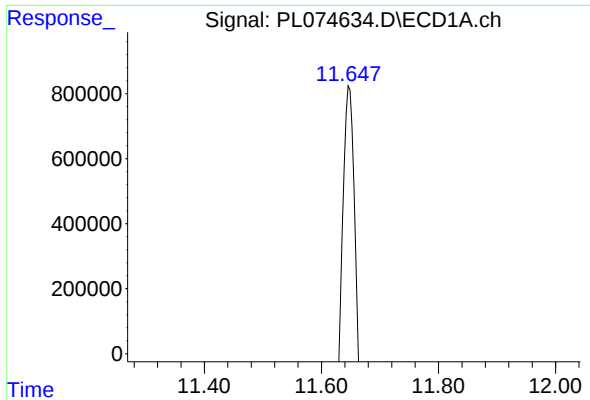
#22 Mirex

R.T.: 10.650 min
Delta R.T.: -0.002 min
Response: 24293536
Conc: 60.21 ng/ml



#22 Mirex

R.T.: 9.498 min
Delta R.T.: -0.002 min
Response: 46864967
Conc: 48.38 ng/ml



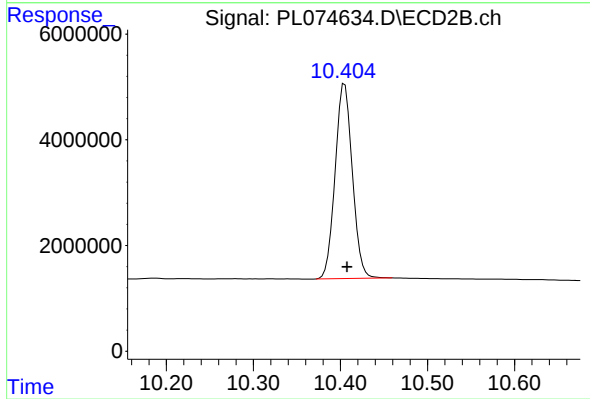
#28 Decachlorobiphenyl

R.T.: 11.648 min
Delta R.T.: -0.003 min
Response: 27757918
Conc: 62.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2022
Supervised By :mohammad ahmed 05/16/2022



#28 Decachlorobiphenyl

R.T.: 10.405 min
Delta R.T.: -0.003 min
Response: 50670560
Conc: 49.37 ng/ml