

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051322\
 Data File : PL074694.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2022 15:29
 Operator : AR\AJ
 Sample : PB144789BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144789BS

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 15 22:31:22 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...	5.650	4.653	10462108	25257543	20.605	18.402
28)	SA Decachlor...	11.649	10.404	10751794	24221046	24.076	23.598
Target Compounds							
2)	A alpha-BHC	6.234	5.356	36447885	84609606	53.275	50.276
3)	MA gamma-BHC...	6.632	5.776	34633952	80437688	53.655	48.679
4)	MA Heptachlor	7.286	6.186	33703553	73841778	52.223	48.649
5)	MB Aldrin	7.660	6.510	34117356	75849145	55.074	50.550
6)	B beta-BHC	6.882	6.152	15222908	37087520	51.006	46.711
7)	B delta-BHC	7.153	6.414	33943220	78840002	54.132	50.419
8)	B Heptachlo...	8.128	7.084	30957154	69533108	54.430	49.960
9)	A Endosulfan I	8.536	7.486	30557151	62350474	53.005	49.835
10)	B gamma-Chl...	8.397	7.361	30345132	70367675	58.666m	50.776
11)	B alpha-Chl...	8.479	7.430	33484838	69411426	54.848	51.346
12)	B 4,4'-DDE	8.665	7.642	26765664	61922539	57.818	52.624
13)	MA Dieldrin	8.826	7.772	30051926	67882174	57.176	53.287
14)	MA Endrin	9.067	8.062	23136383	54083265	56.066	51.200
15)	B Endosulfa...	9.300	8.371	26045804	61037405	59.248	54.034
16)	A 4,4'-DDD	9.207	8.226	23527724	51291380	52.038	52.065
17)	MA 4,4'-DDT	9.527	8.487	23963233	51572462	52.136	51.546
18)	B Endrin al...	9.435	8.559	22464073	47517565	63.472	59.495
19)	B Endosulfa...	9.673	8.789	25189307	57001875	55.732	52.365
20)	A Methoxychlor	10.012	9.081	13417828	30247622	54.786	51.759
21)	B Endrin ke...	10.176	9.308	29017376	63197982	56.582	56.686
22)	Mirex	10.650	9.497	22876559	51132923	56.694	52.791

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051322\
 Data File : PL074694.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2022 15:29
 Operator : AR\AJ
 Sample : PB144789BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB144789BS

Manual Integrations

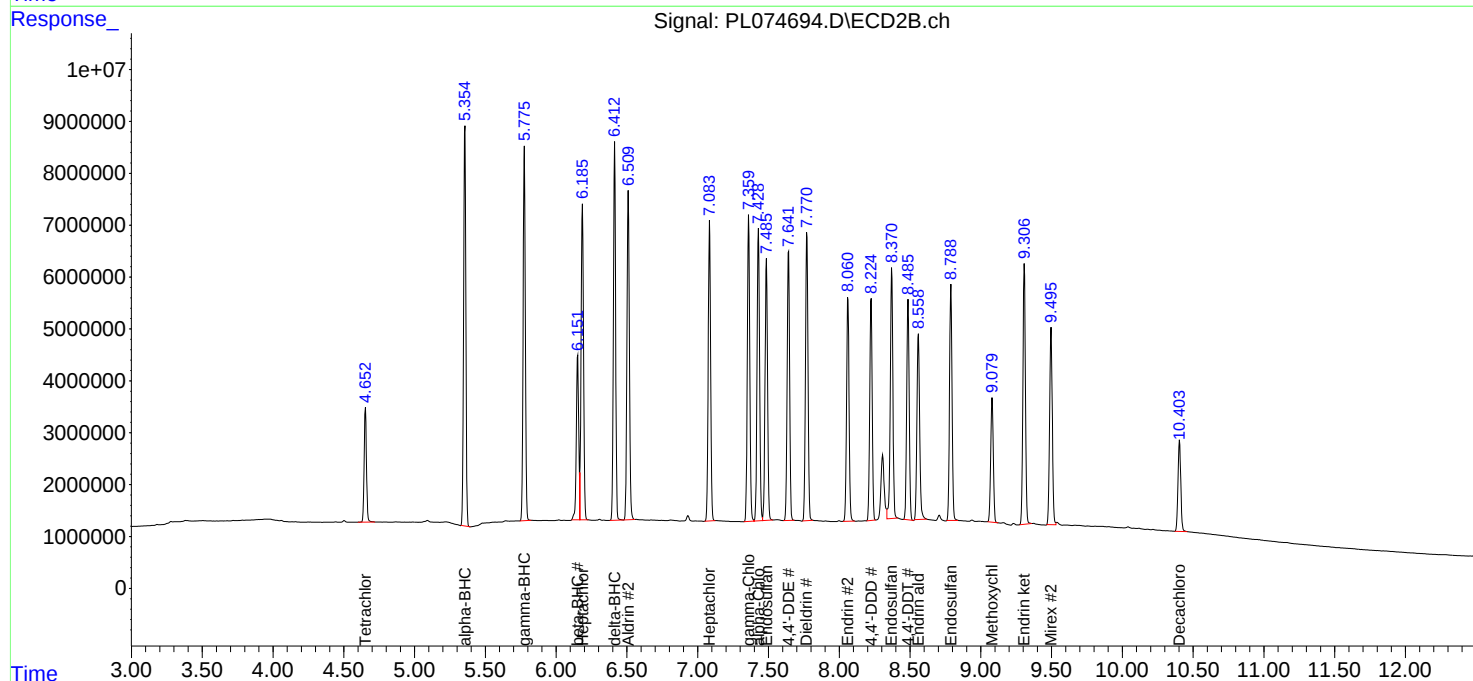
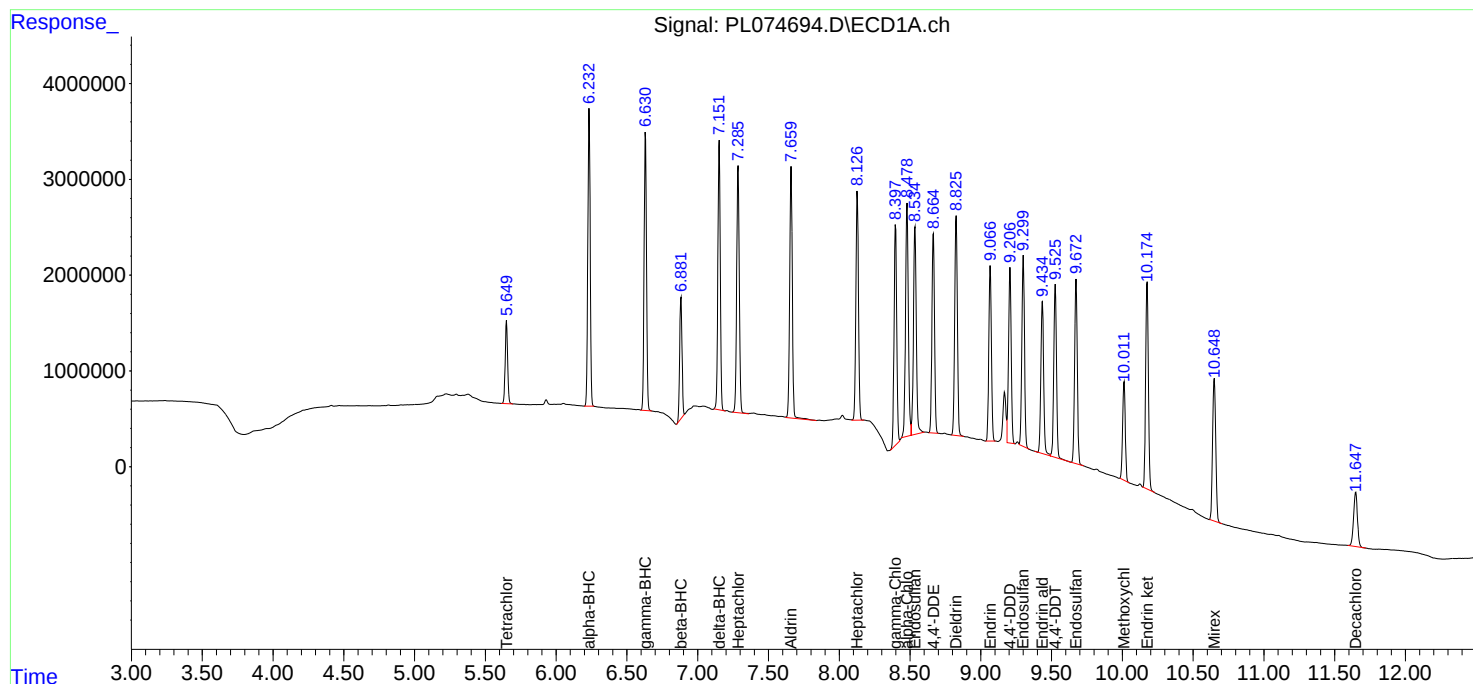
APPROVED

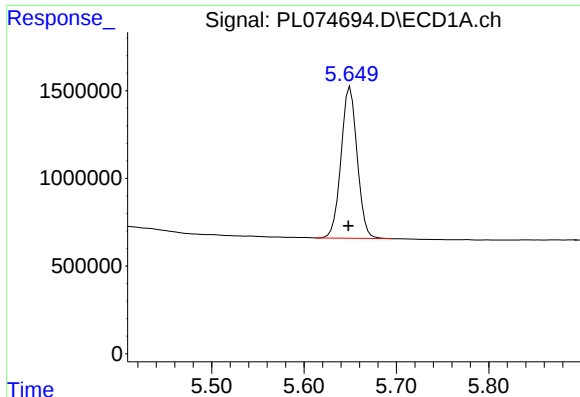
Reviewed By :Abdul Mirza 05/16/2022

Supervised By :mohammad ahmed 05/16/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 22:31:22 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





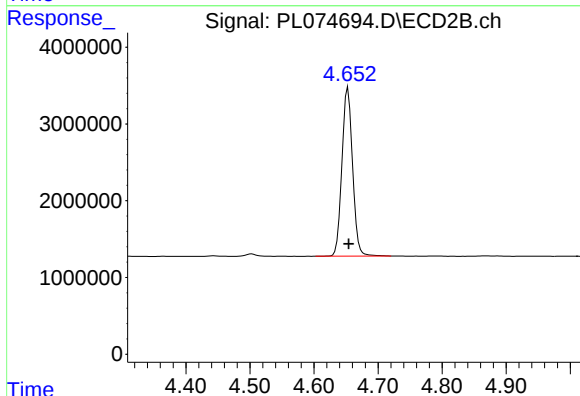
#1 Tetrachloro-m-xylene

R.T.: 5.650 min
Delta R.T.: 0.002 min
Response: 10462108
Conc: 20.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144789BS

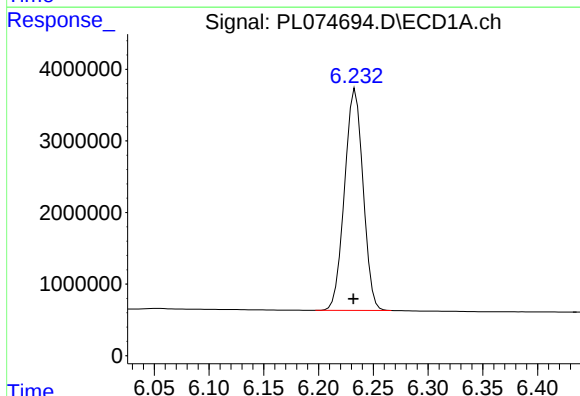
Manual Integrations
APPROVED

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



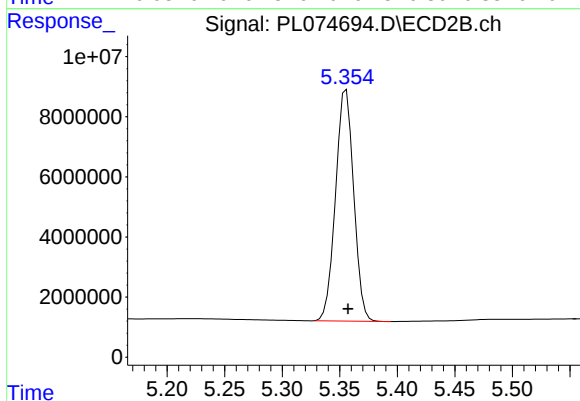
#1 Tetrachloro-m-xylene

R.T.: 4.653 min
Delta R.T.: -0.001 min
Response: 25257543
Conc: 18.40 ng/ml



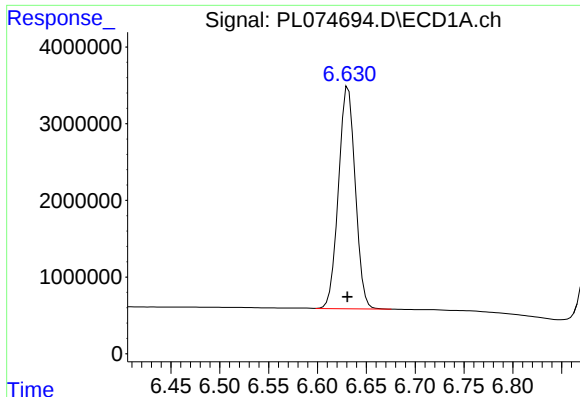
#2 alpha-BHC

R.T.: 6.234 min
Delta R.T.: 0.002 min
Response: 36447885
Conc: 53.27 ng/ml



#2 alpha-BHC

R.T.: 5.356 min
Delta R.T.: -0.002 min
Response: 84609606
Conc: 50.28 ng/ml



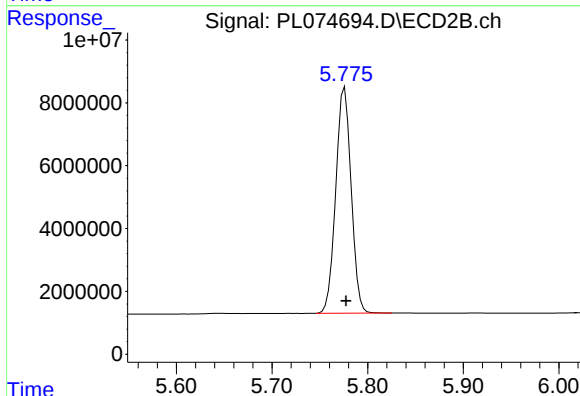
#3 gamma-BHC (Lindane)

R.T.: 6.632 min
Delta R.T.: 0.001 min
Response: 34633952
Conc: 53.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144789BS

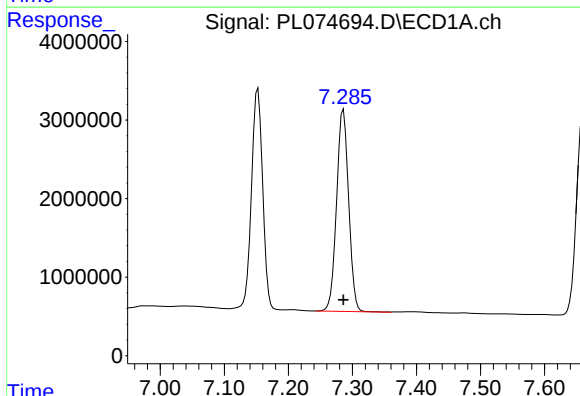
Manual Integrations
APPROVED

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



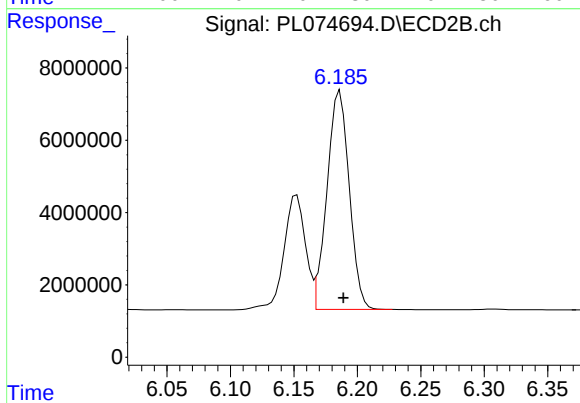
#3 gamma-BHC (Lindane)

R.T.: 5.776 min
Delta R.T.: -0.001 min
Response: 80437688
Conc: 48.68 ng/ml



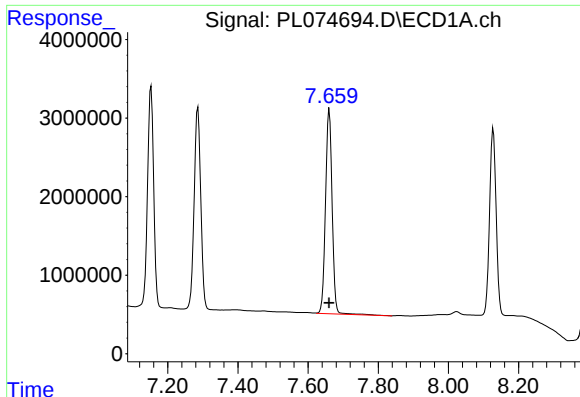
#4 Heptachlor

R.T.: 7.286 min
Delta R.T.: 0.000 min
Response: 33703553
Conc: 52.22 ng/ml



#4 Heptachlor

R.T.: 6.186 min
Delta R.T.: -0.003 min
Response: 73841778
Conc: 48.65 ng/ml



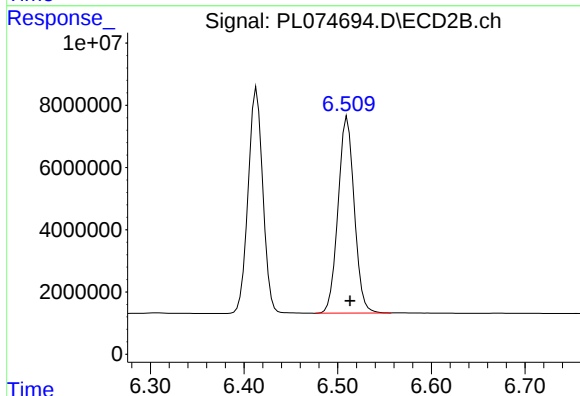
#5 Aldrin

R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 34117356
Conc: 55.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144789BS

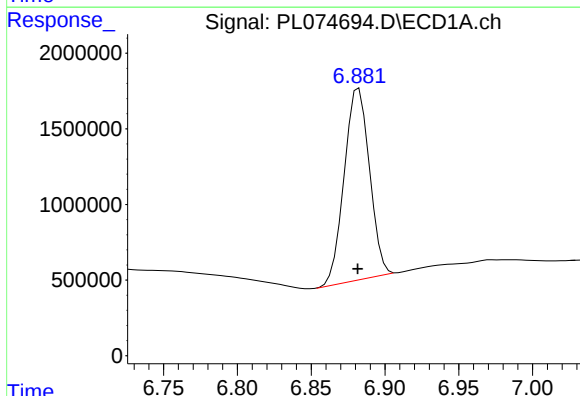
Manual Integrations
APPROVED

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



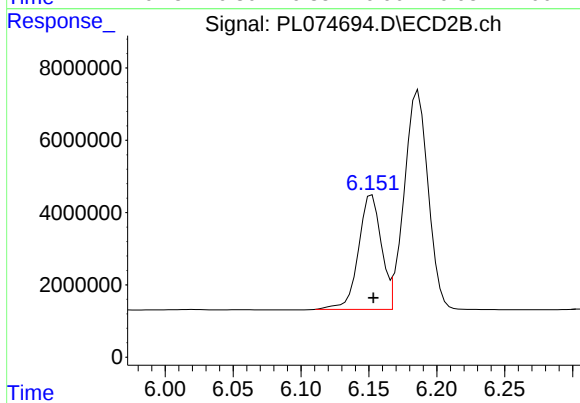
#5 Aldrin

R.T.: 6.510 min
Delta R.T.: -0.003 min
Response: 75849145
Conc: 50.55 ng/ml



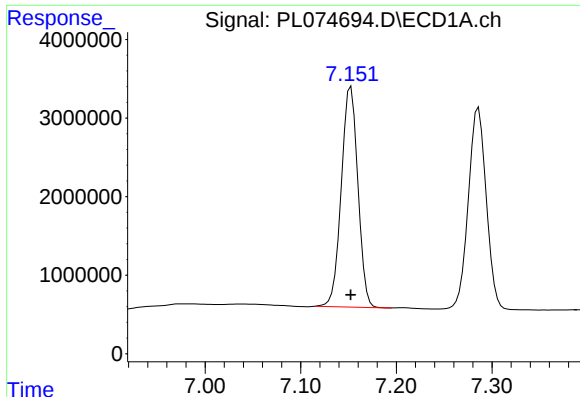
#6 beta-BHC

R.T.: 6.882 min
Delta R.T.: 0.000 min
Response: 15222908
Conc: 51.01 ng/ml



#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: -0.001 min
Response: 37087520
Conc: 46.71 ng/ml



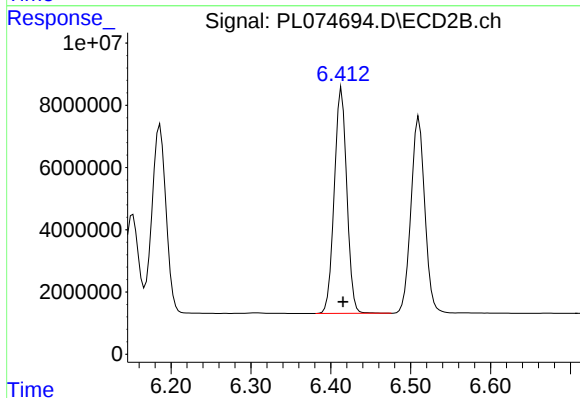
#7 delta-BHC

R.T.: 7.153 min
Delta R.T.: 0.000 min
Response: 33943220
Conc: 54.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144789BS

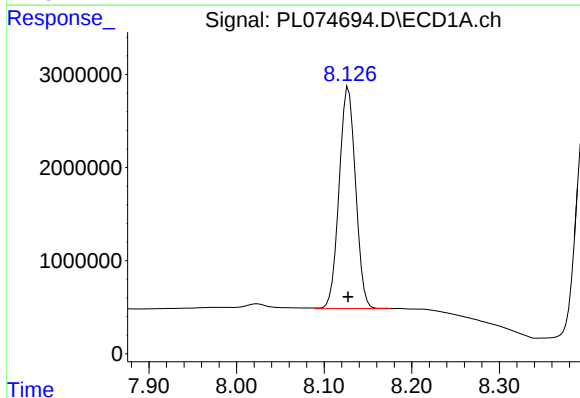
Manual Integrations
APPROVED

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



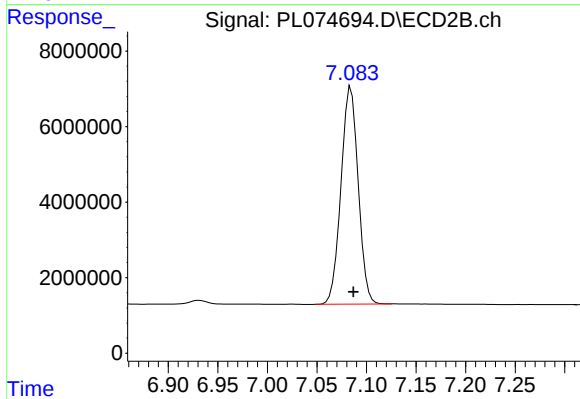
#7 delta-BHC

R.T.: 6.414 min
Delta R.T.: -0.002 min
Response: 78840002
Conc: 50.42 ng/ml



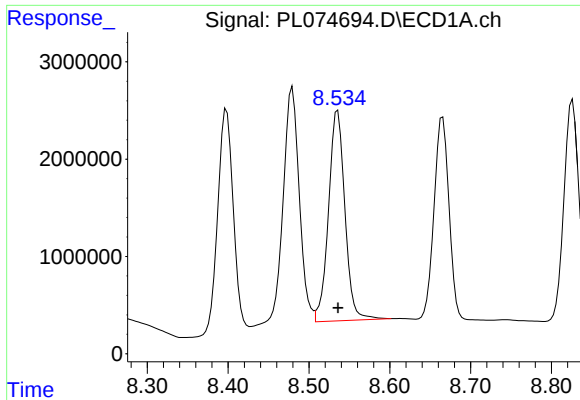
#8 Heptachlor epoxide

R.T.: 8.128 min
Delta R.T.: 0.000 min
Response: 30957154
Conc: 54.43 ng/ml



#8 Heptachlor epoxide

R.T.: 7.084 min
Delta R.T.: -0.003 min
Response: 69533108
Conc: 49.96 ng/ml



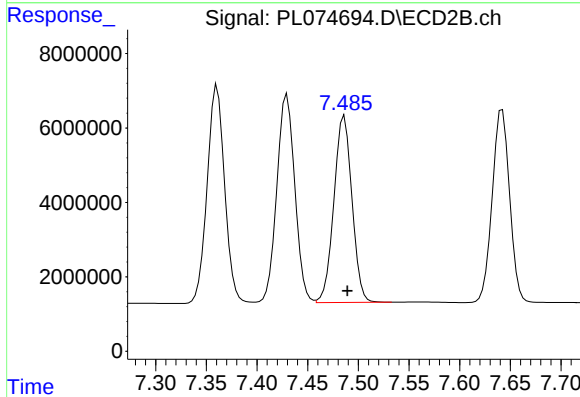
#9 Endosulfan I

R.T.: 8.536 min
Delta R.T.: 0.000 min
Response: 30557151
Conc: 53.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144789BS

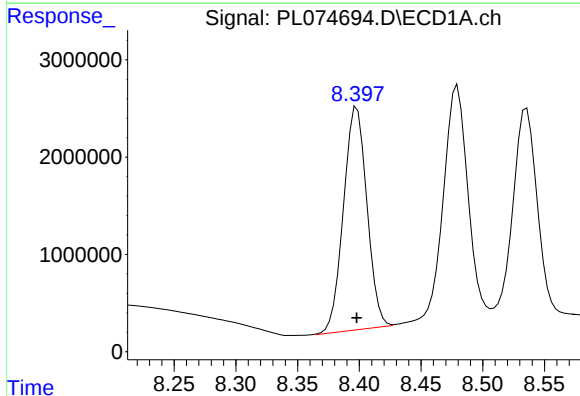
Manual Integrations
APPROVED

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



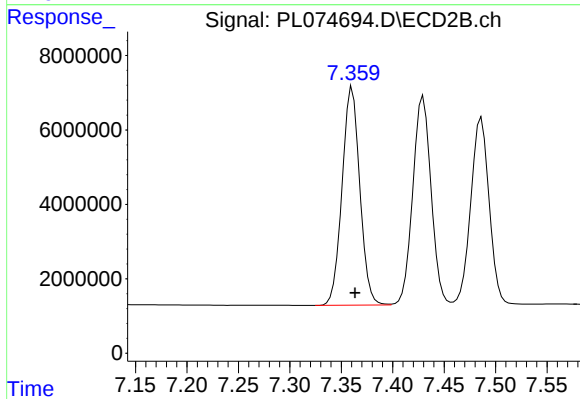
#9 Endosulfan I

R.T.: 7.486 min
Delta R.T.: -0.003 min
Response: 62350474
Conc: 49.83 ng/ml



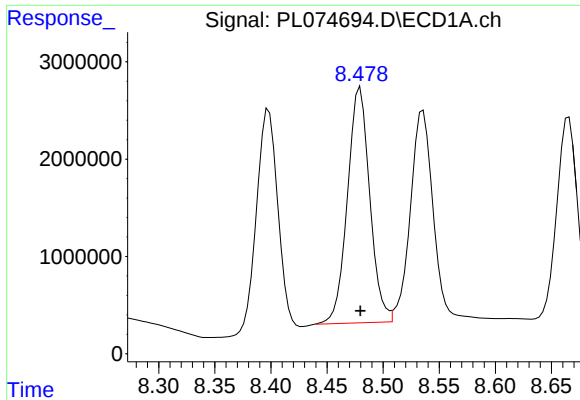
#10 gamma-Chlordane

R.T.: 8.397 min
Delta R.T.: -0.001 min
Response: 30345132
Conc: 58.67 ng/ml m



#10 gamma-Chlordane

R.T.: 7.361 min
Delta R.T.: -0.003 min
Response: 70367675
Conc: 50.78 ng/ml



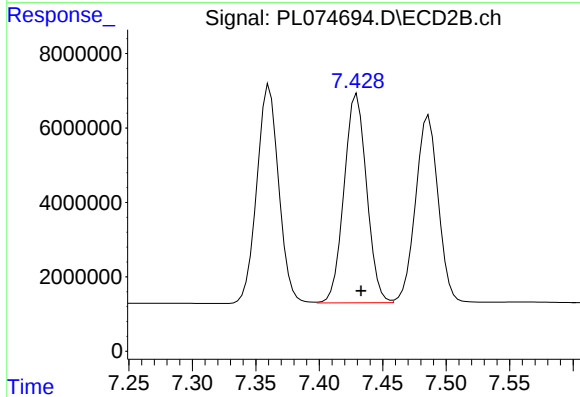
#11 alpha-Chlordane

R.T.: 8.479 min
Delta R.T.: 0.000 min
Response: 33484838
Conc: 54.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144789BS

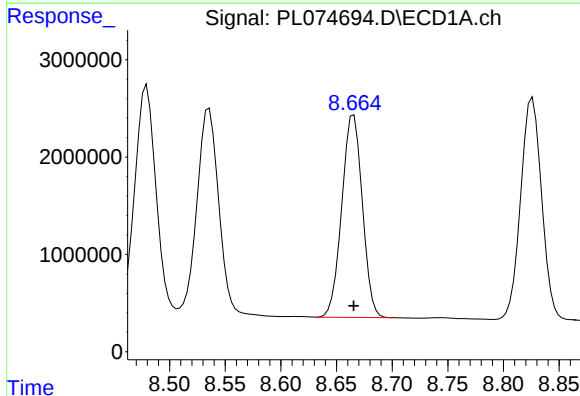
Manual Integrations
APPROVED

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



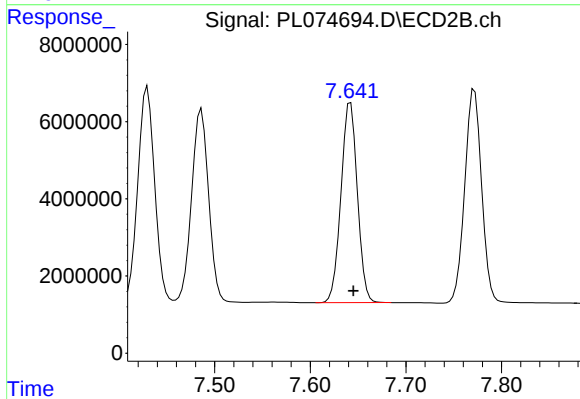
#11 alpha-Chlordane

R.T.: 7.430 min
Delta R.T.: -0.003 min
Response: 69411426
Conc: 51.35 ng/ml



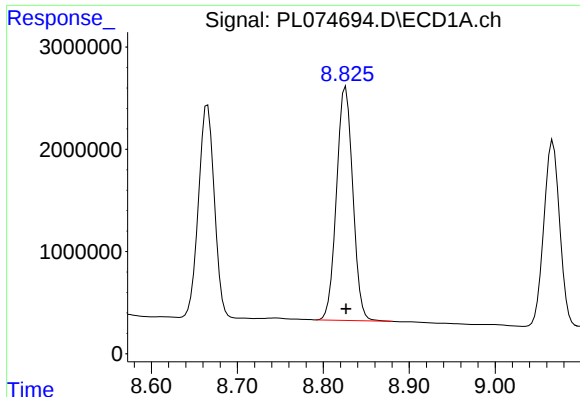
#12 4,4'-DDE

R.T.: 8.665 min
Delta R.T.: 0.000 min
Response: 26765664
Conc: 57.82 ng/ml



#12 4,4'-DDE

R.T.: 7.642 min
Delta R.T.: -0.003 min
Response: 61922539
Conc: 52.62 ng/ml



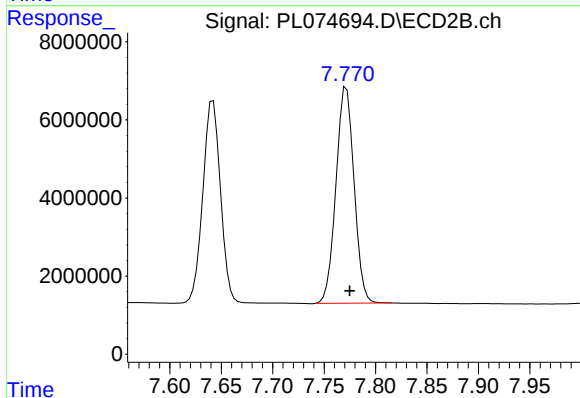
#13 Dieldrin

R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 30051926
Conc: 57.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144789BS

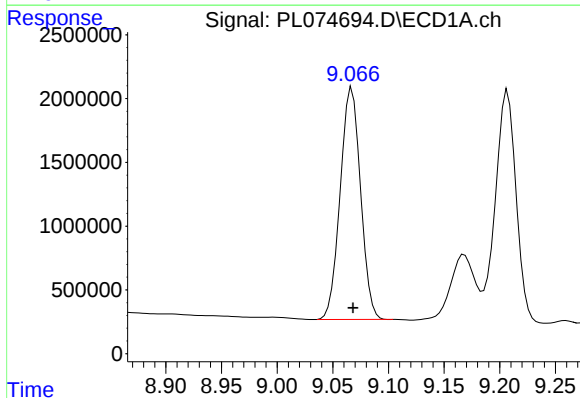
Manual Integrations
APPROVED

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



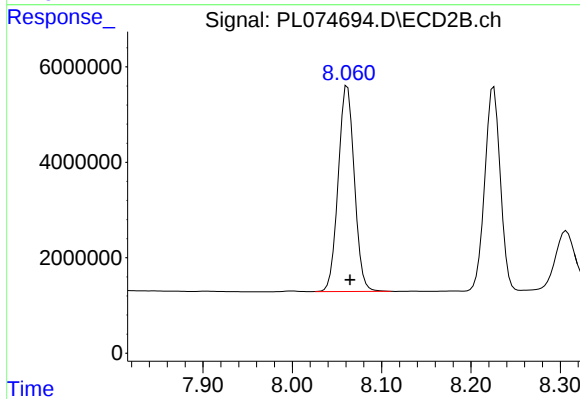
#13 Dieldrin

R.T.: 7.772 min
Delta R.T.: -0.003 min
Response: 67882174
Conc: 53.29 ng/ml



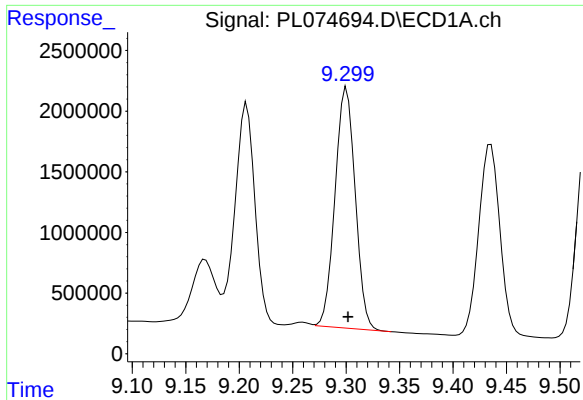
#14 Endrin

R.T.: 9.067 min
Delta R.T.: 0.000 min
Response: 23136383
Conc: 56.07 ng/ml



#14 Endrin

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 54083265
Conc: 51.20 ng/ml



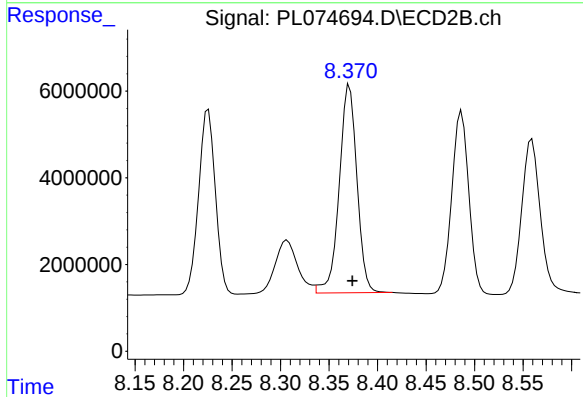
#15 Endosulfan II

R.T.: 9.300 min
Delta R.T.: -0.001 min
Response: 26045804
Conc: 59.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144789BS

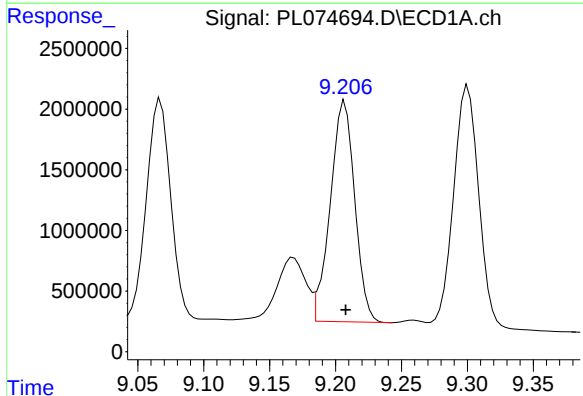
Manual Integrations
APPROVED

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



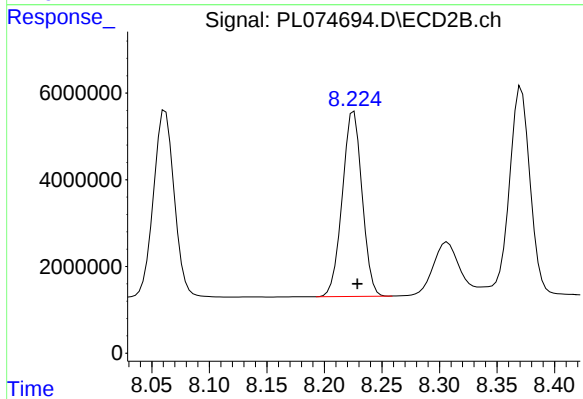
#15 Endosulfan II

R.T.: 8.371 min
Delta R.T.: -0.003 min
Response: 61037405
Conc: 54.03 ng/ml



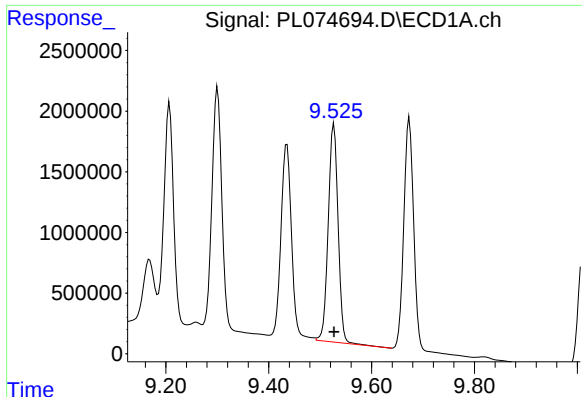
#16 4,4'-DDD

R.T.: 9.207 min
Delta R.T.: 0.000 min
Response: 23527724
Conc: 52.04 ng/ml



#16 4,4'-DDD

R.T.: 8.226 min
Delta R.T.: -0.003 min
Response: 51291380
Conc: 52.07 ng/ml



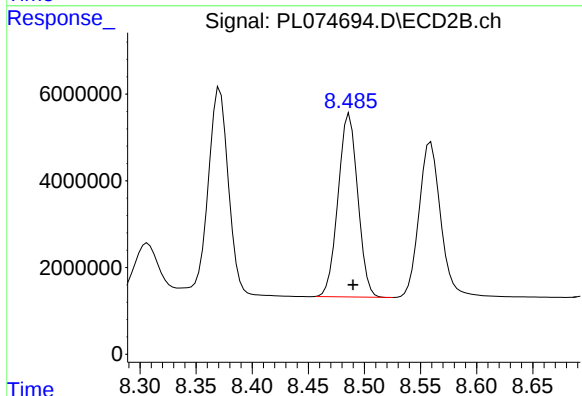
#17 4,4'-DDT

R.T.: 9.527 min
Delta R.T.: 0.000 min
Response: 23963233
Conc: 52.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144789BS

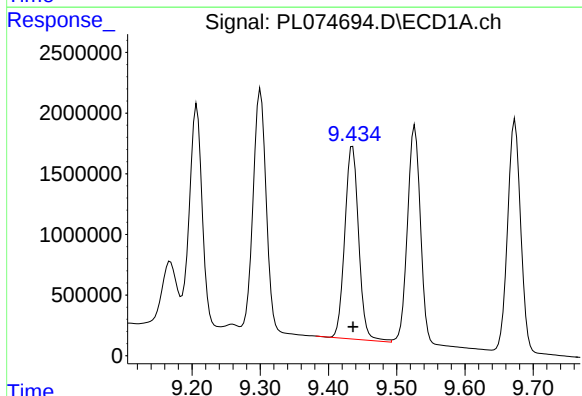
Manual Integrations
APPROVED

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



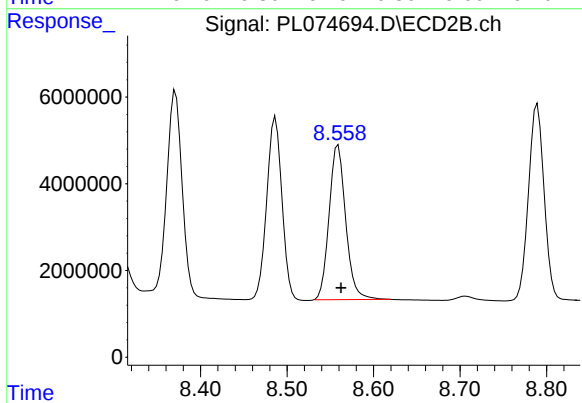
#17 4,4'-DDT

R.T.: 8.487 min
Delta R.T.: -0.003 min
Response: 51572462
Conc: 51.55 ng/ml



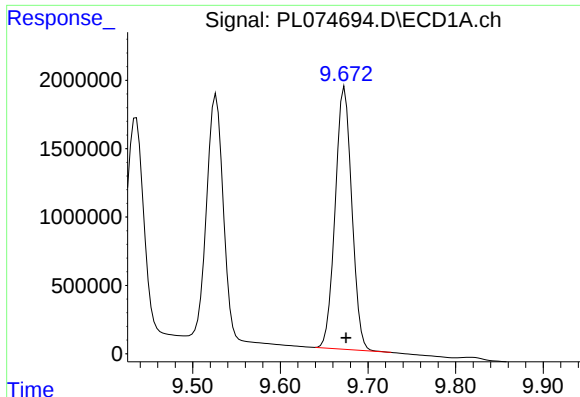
#18 Endrin aldehyde

R.T.: 9.435 min
Delta R.T.: 0.000 min
Response: 22464073
Conc: 63.47 ng/ml



#18 Endrin aldehyde

R.T.: 8.559 min
Delta R.T.: -0.003 min
Response: 47517565
Conc: 59.49 ng/ml



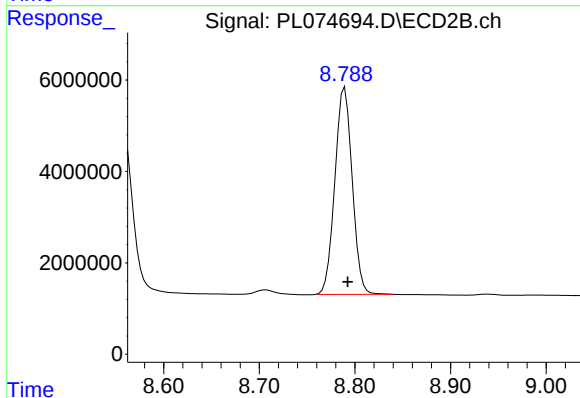
#19 Endosulfan Sulfate

R.T.: 9.673 min
Delta R.T.: -0.002 min
Response: 25189307
Conc: 55.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144789BS

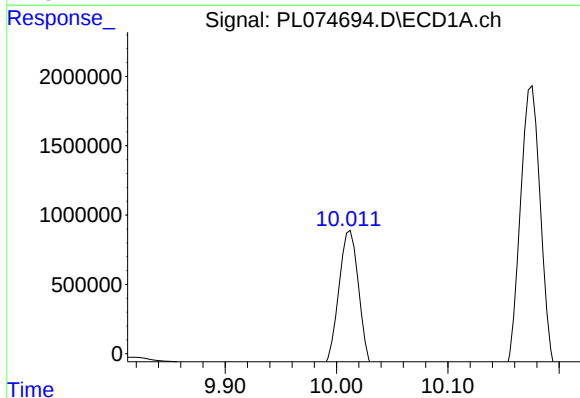
Manual Integrations
APPROVED

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



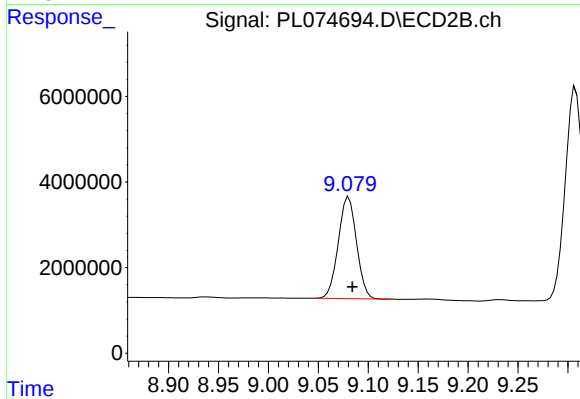
#19 Endosulfan Sulfate

R.T.: 8.789 min
Delta R.T.: -0.003 min
Response: 57001875
Conc: 52.37 ng/ml



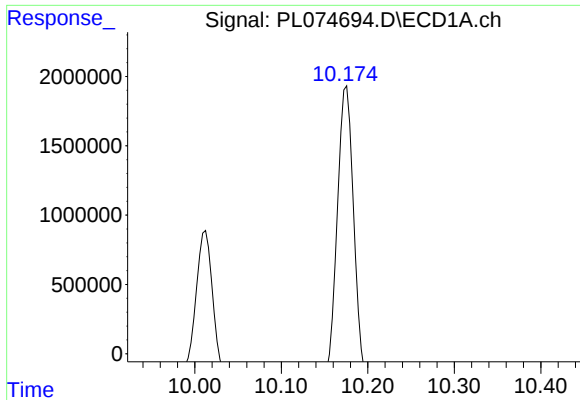
#20 Methoxychlor

R.T.: 10.012 min
Delta R.T.: 0.000 min
Response: 13417828
Conc: 54.79 ng/ml



#20 Methoxychlor

R.T.: 9.081 min
Delta R.T.: -0.004 min
Response: 30247622
Conc: 51.76 ng/ml



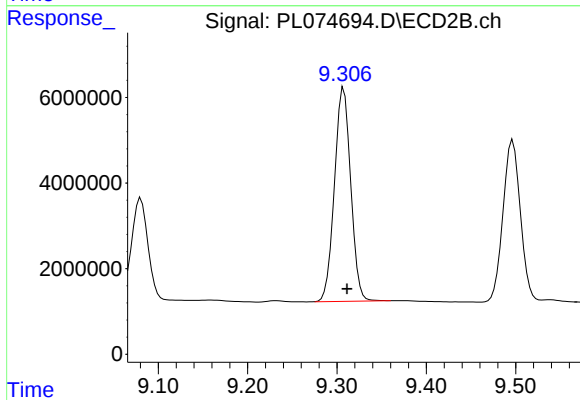
#21 Endrin ketone

R.T.: 10.176 min
Delta R.T.: -0.002 min
Response: 29017376
Conc: 56.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144789BS

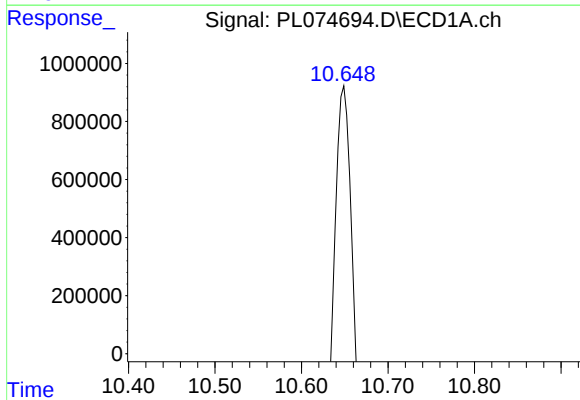
Manual Integrations
APPROVED

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



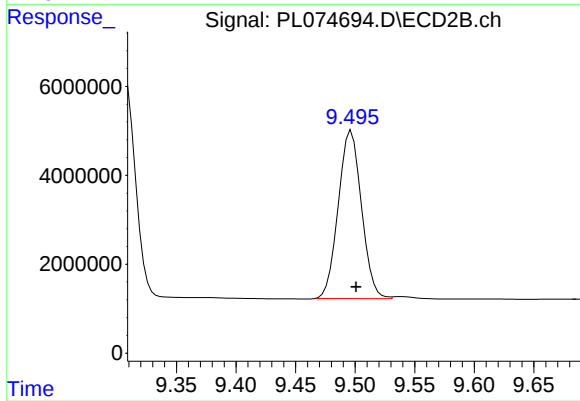
#21 Endrin ketone

R.T.: 9.308 min
Delta R.T.: -0.004 min
Response: 63197982
Conc: 56.69 ng/ml



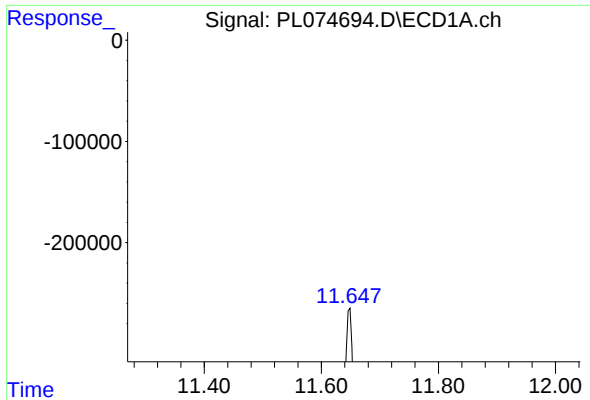
#22 Mirex

R.T.: 10.650 min
Delta R.T.: -0.002 min
Response: 22876559
Conc: 56.69 ng/ml



#22 Mirex

R.T.: 9.497 min
Delta R.T.: -0.004 min
Response: 51132923
Conc: 52.79 ng/ml



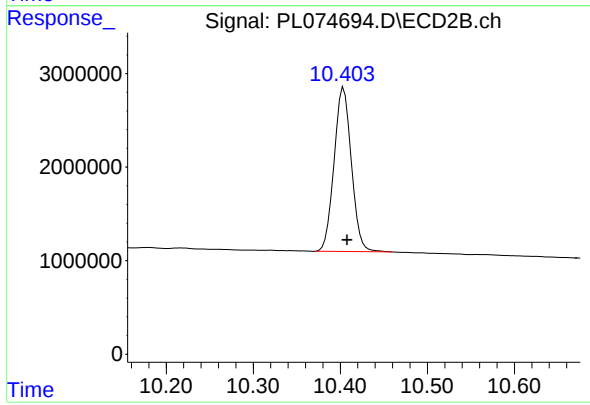
#28 Decachlorobiphenyl

R.T.: 11.649 min
Delta R.T.: -0.002 min
Response: 10751794
Conc: 24.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144789BS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 10.404 min
Delta R.T.: -0.004 min
Response: 24221046
Conc: 23.60 ng/ml