

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051122\
 Data File : PL074625.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2022 17:37
 Operator : AR\AJ
 Sample : PB144631BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144631BSD

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 05:35:42 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...	5.647	4.653	12400298	28046637	24.423	20.434
28)	SA Decachlor...	11.649	10.407	12804492	24484997	28.672	23.855
Target Compounds							
2)	A alpha-BHC	6.231	5.355	7056821	14541031	10.315	8.640
3)	MA gamma-BHC...	6.629	5.776	6735976	15683872	10.435	9.492
4)	MA Heptachlor	7.284	6.187	7283837	15943510	11.286m	10.504
5)	MB Aldrin	7.659	6.511	7145386	16163435	11.534	10.772
6)	B beta-BHC	6.880	6.152	3419537	8800961	11.457	11.085
7)	B delta-BHC	7.150	6.414	2285335	5454755	3.645	3.488
8)	B Heptachlo...	8.127	7.085	7031300	15391985	12.363	11.059
9)	A Endosulfan I	8.534	7.487	6509490	13832984	11.291m	11.056
10)	B gamma-Chl...	8.396	7.362	6226940	15356210	12.038m	11.081
11)	B alpha-Chl...	8.477	7.431	7424774	15214440	12.162m	11.255
12)	B 4,4'-DDE	8.664	7.644	5455014	12991334	11.784	11.040
13)	MA Dieldrin	8.826	7.773	6475464	14346929	12.320	11.262
14)	MA Endrin	9.067	8.063	4997299	12133873	12.110	11.487
15)	B Endosulfa...	9.300	8.372	5692945	14041391	12.950	12.430
16)	A 4,4'-DDD	9.206	8.227	5678148	10356513	12.559	10.513
17)	MA 4,4'-DDT	9.526	8.488	5460785	10813558	11.881	10.808
18)	B Endrin al...	9.435	8.561	4481649	9291888	12.663	11.634
19)	B Endosulfa...	9.674	8.791	4620943	10618099	10.224	9.754
20)	A Methoxychlor	10.012	9.082	3157105	7146850	12.891	12.230
21)	B Endrin ke...	10.176	9.309	6141418	12702136	11.975	11.393
22)	Mirex	10.650	9.499	18284044	37208042	45.313	38.414

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051122\
 Data File : PL074625.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2022 17:37
 Operator : AR\AJ
 Sample : PB144631BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

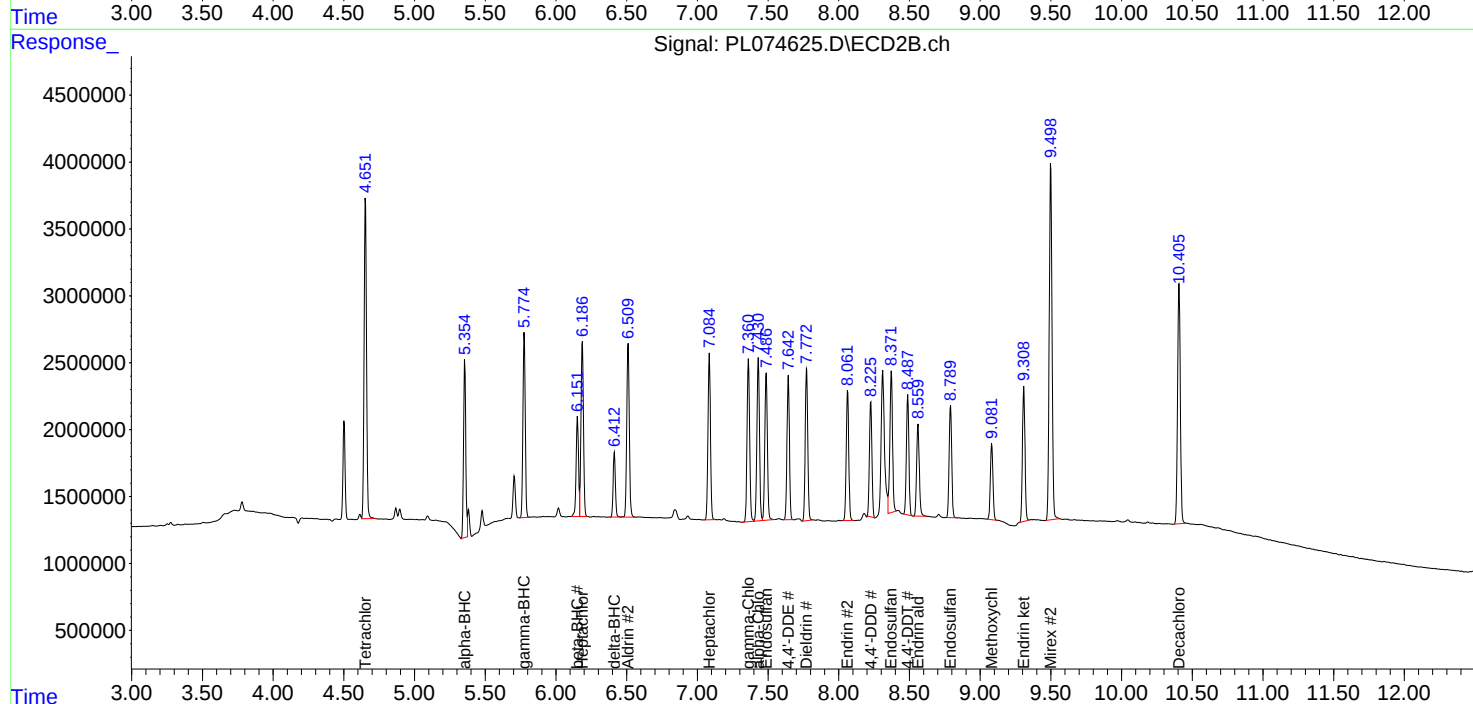
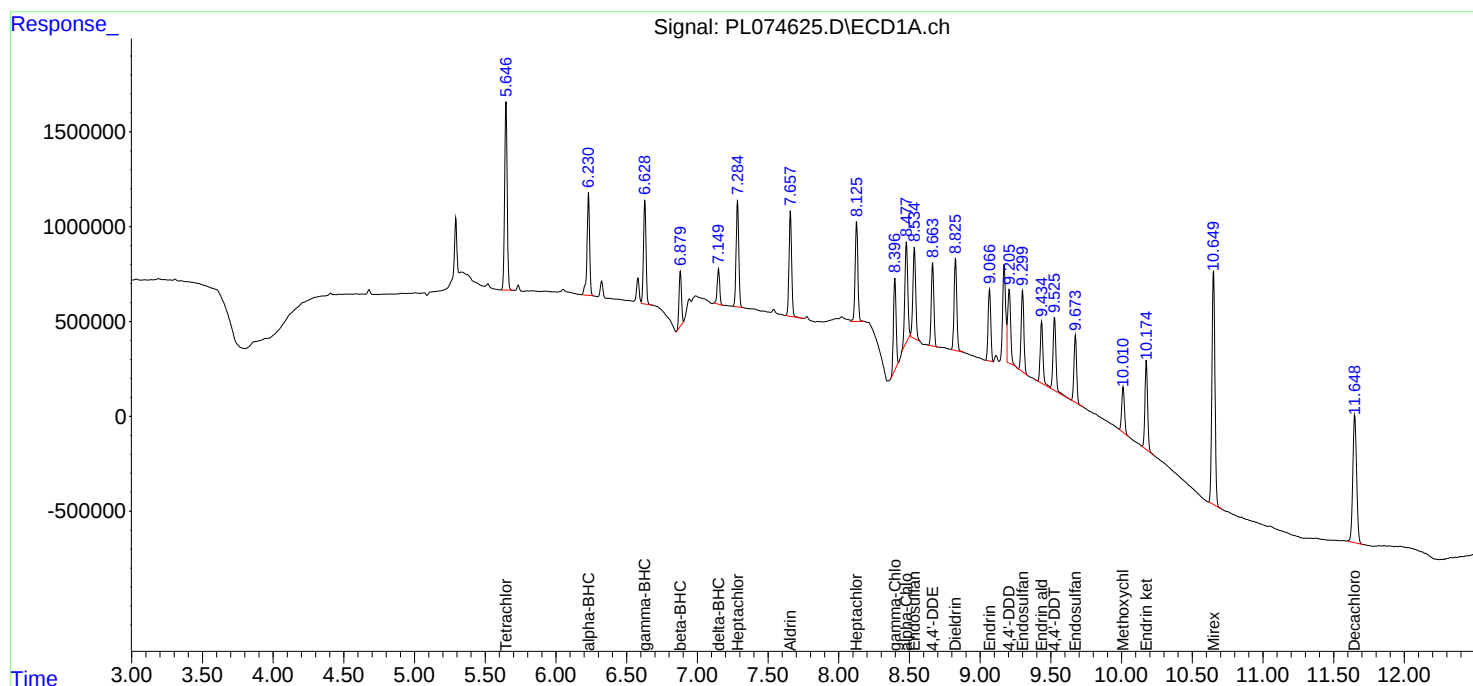
Instrument :
 ECD_L
 ClientSampleId :
 PB144631BSD

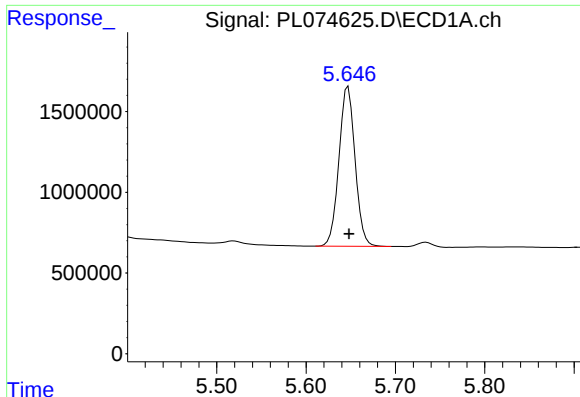
Manual Integrations APPROVED

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 05:35:42 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





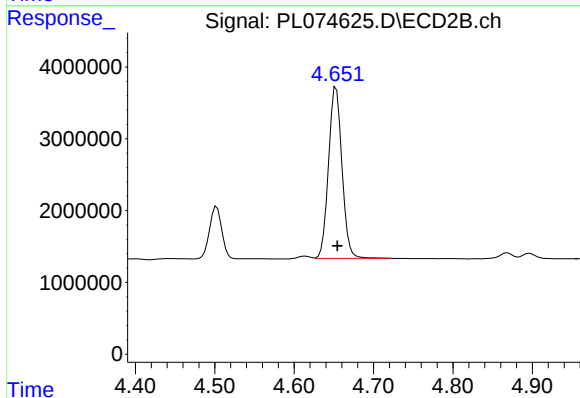
#1 Tetrachloro-m-xylene

R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 12400298
Conc: 24.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144631BSD

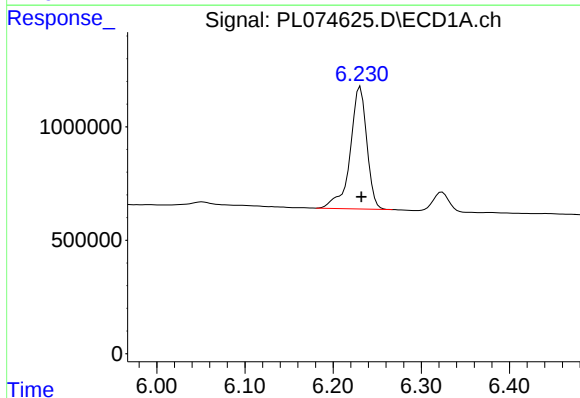
Manual Integrations
APPROVED

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



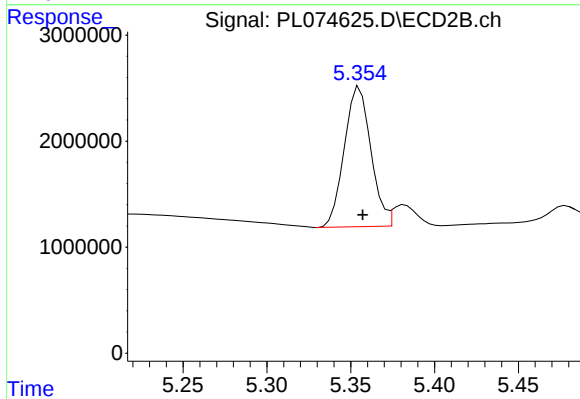
#1 Tetrachloro-m-xylene

R.T.: 4.653 min
Delta R.T.: -0.001 min
Response: 28046637
Conc: 20.43 ng/ml



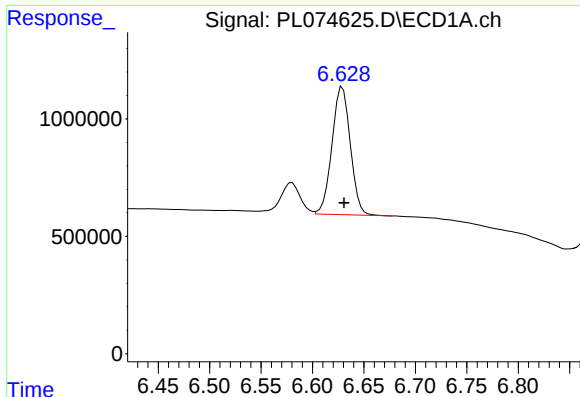
#2 alpha-BHC

R.T.: 6.231 min
Delta R.T.: -0.001 min
Response: 7056821
Conc: 10.31 ng/ml



#2 alpha-BHC

R.T.: 5.355 min
Delta R.T.: -0.002 min
Response: 14541031
Conc: 8.64 ng/ml



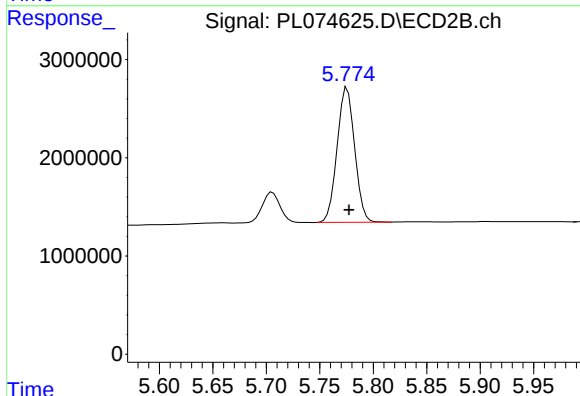
#3 gamma-BHC (Lindane)

R.T.: 6.629 min
Delta R.T.: -0.001 min
Response: 6735976
Conc: 10.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144631BSD

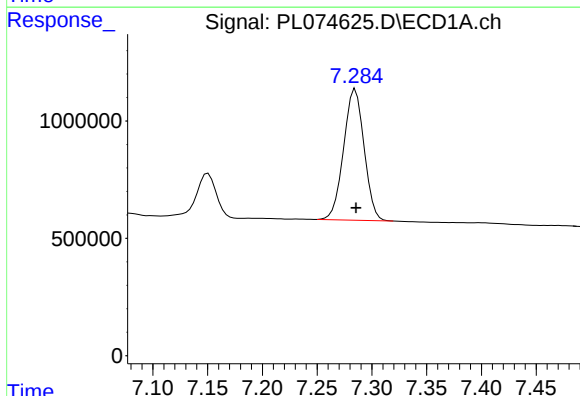
Manual Integrations
APPROVED

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



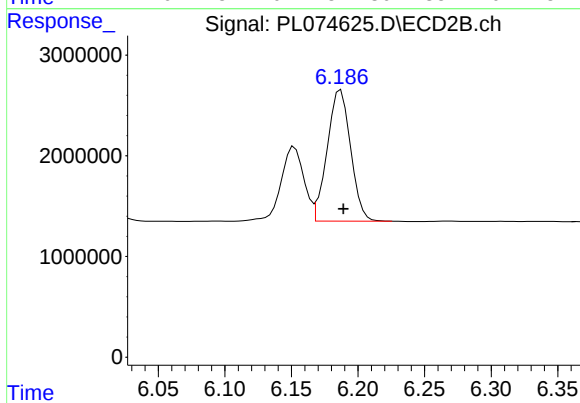
#3 gamma-BHC (Lindane)

R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 15683872
Conc: 9.49 ng/ml



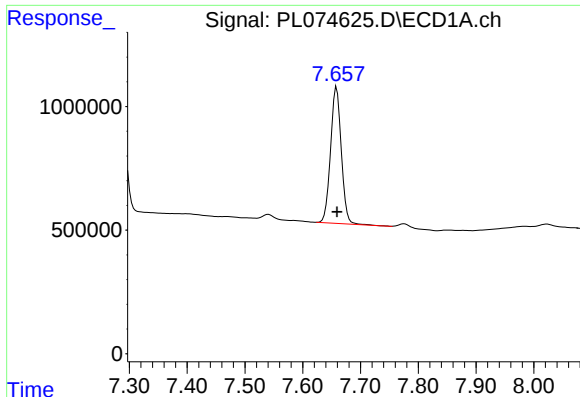
#4 Heptachlor

R.T.: 7.284 min
Delta R.T.: -0.002 min
Response: 7283837
Conc: 11.29 ng/ml m



#4 Heptachlor

R.T.: 6.187 min
Delta R.T.: -0.002 min
Response: 15943510
Conc: 10.50 ng/ml



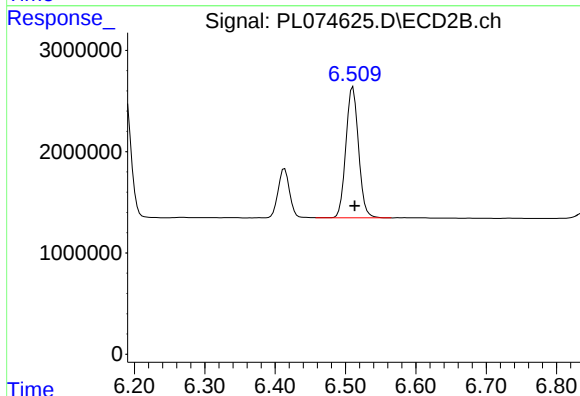
#5 Aldrin

R.T.: 7.659 min
Delta R.T.: -0.001 min
Response: 7145386
Conc: 11.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144631BSD

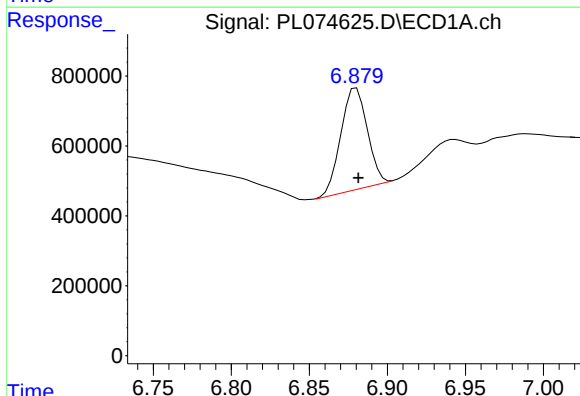
Manual Integrations
APPROVED

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



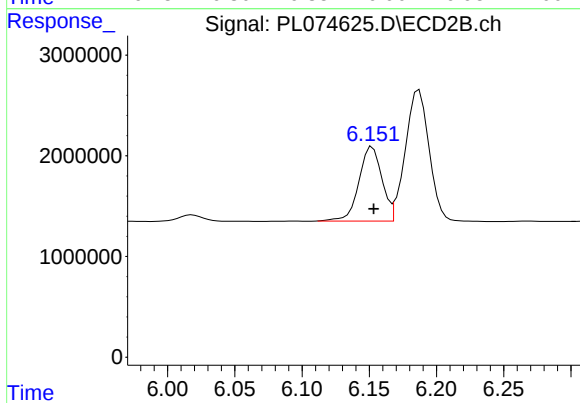
#5 Aldrin

R.T.: 6.511 min
Delta R.T.: -0.003 min
Response: 16163435
Conc: 10.77 ng/ml



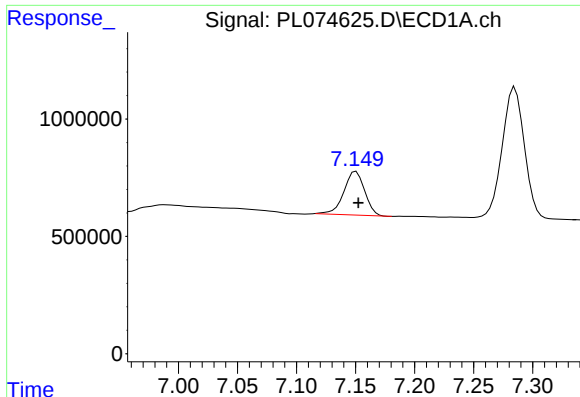
#6 beta-BHC

R.T.: 6.880 min
Delta R.T.: -0.001 min
Response: 3419537
Conc: 11.46 ng/ml



#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: -0.001 min
Response: 8800961
Conc: 11.08 ng/ml



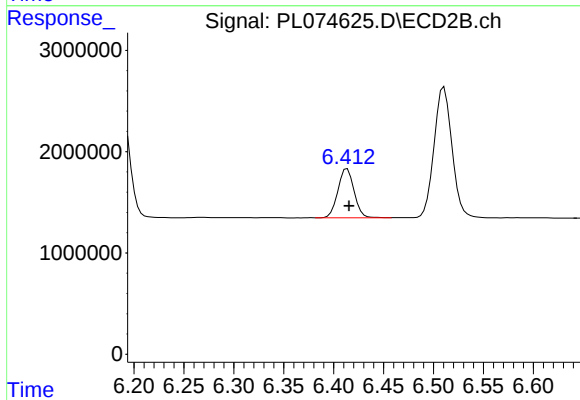
#7 delta-BHC

R.T.: 7.150 min
Delta R.T.: -0.002 min
Response: 2285335
Conc: 3.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144631BSD

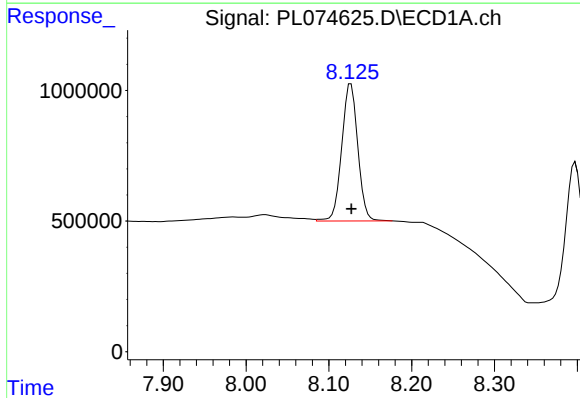
Manual Integrations
APPROVED

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



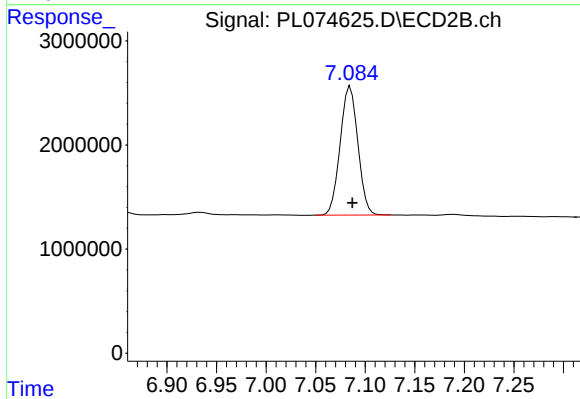
#7 delta-BHC

R.T.: 6.414 min
Delta R.T.: -0.002 min
Response: 5454755
Conc: 3.49 ng/ml



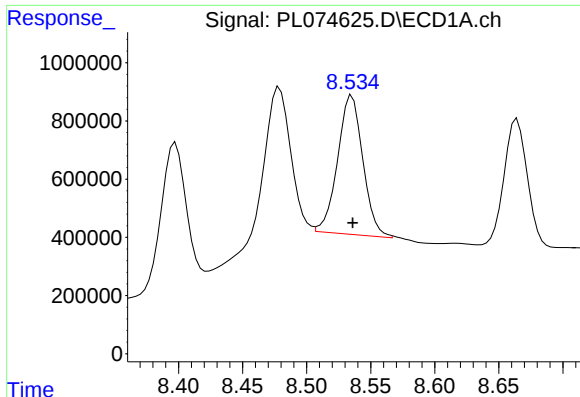
#8 Heptachlor epoxide

R.T.: 8.127 min
Delta R.T.: 0.000 min
Response: 7031300
Conc: 12.36 ng/ml



#8 Heptachlor epoxide

R.T.: 7.085 min
Delta R.T.: -0.002 min
Response: 15391985
Conc: 11.06 ng/ml



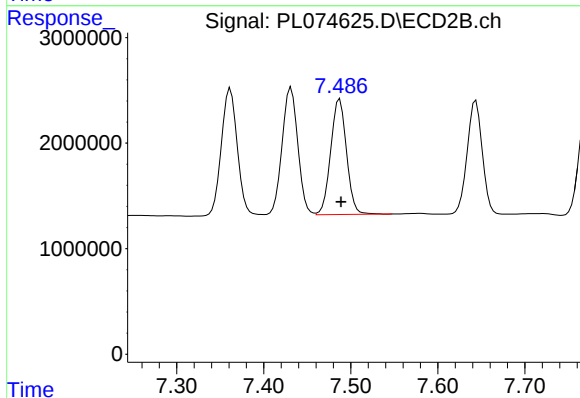
#9 Endosulfan I

R.T.: 8.534 min
Delta R.T.: -0.002 min
Response: 6509490
Conc: 11.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144631BSD

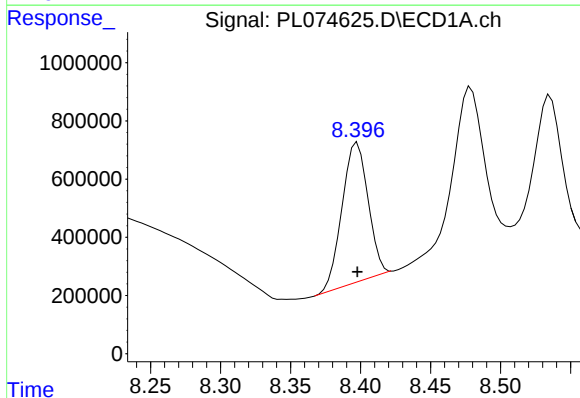
Manual Integrations
APPROVED

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



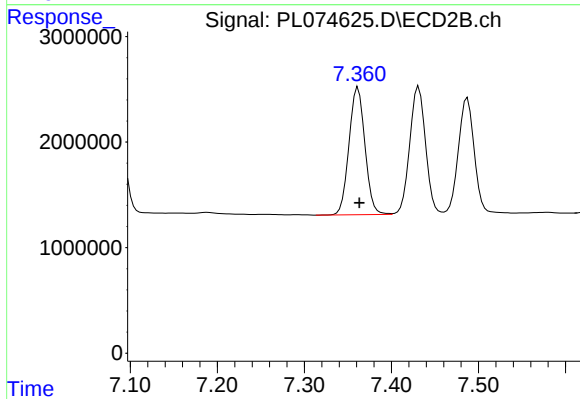
#9 Endosulfan I

R.T.: 7.487 min
Delta R.T.: -0.002 min
Response: 13832984
Conc: 11.06 ng/ml



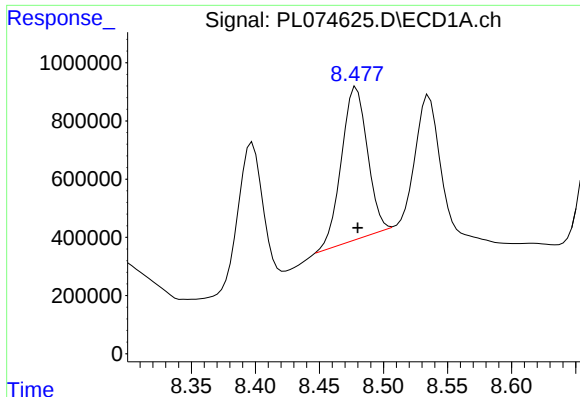
#10 gamma-Chlordane

R.T.: 8.396 min
Delta R.T.: -0.001 min
Response: 6226940
Conc: 12.04 ng/ml m



#10 gamma-Chlordane

R.T.: 7.362 min
Delta R.T.: -0.002 min
Response: 15356210
Conc: 11.08 ng/ml



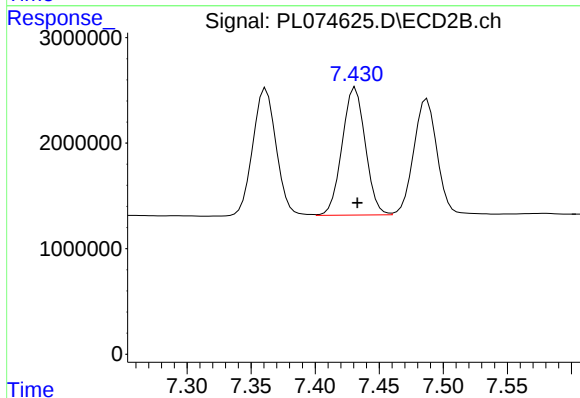
#11 alpha-Chlordane

R.T.: 8.477 min
Delta R.T.: -0.002 min
Response: 7424774
Conc: 12.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144631BSD

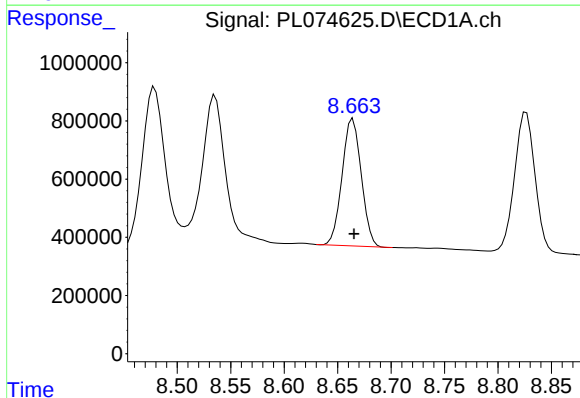
Manual Integrations
APPROVED

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



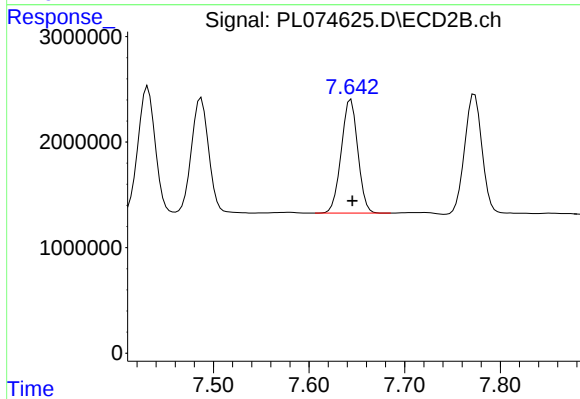
#11 alpha-Chlordane

R.T.: 7.431 min
Delta R.T.: -0.001 min
Response: 15214440
Conc: 11.25 ng/ml



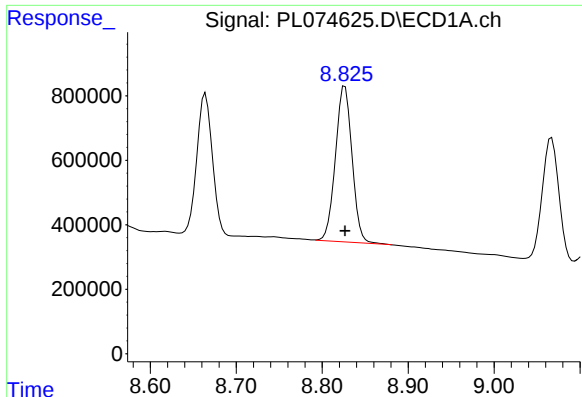
#12 4,4'-DDE

R.T.: 8.664 min
Delta R.T.: -0.001 min
Response: 5455014
Conc: 11.78 ng/ml



#12 4,4'-DDE

R.T.: 7.644 min
Delta R.T.: -0.001 min
Response: 12991334
Conc: 11.04 ng/ml



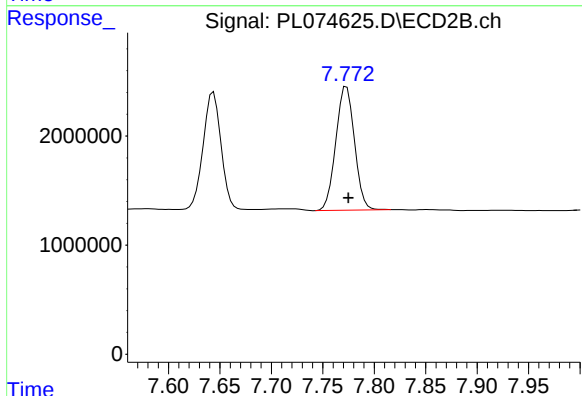
#13 Dieldrin

R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 6475464
Conc: 12.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144631BSD

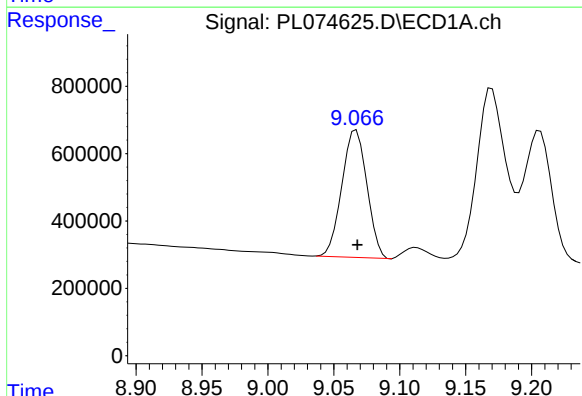
Manual Integrations
APPROVED

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



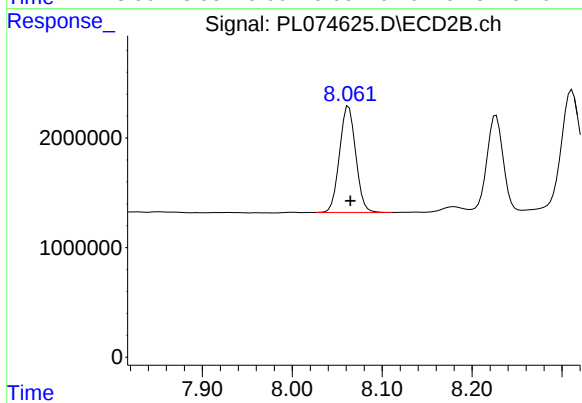
#13 Dieldrin

R.T.: 7.773 min
Delta R.T.: -0.002 min
Response: 14346929
Conc: 11.26 ng/ml



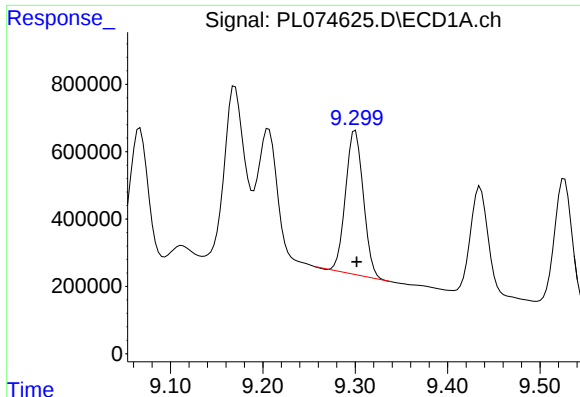
#14 Endrin

R.T.: 9.067 min
Delta R.T.: -0.001 min
Response: 4997299
Conc: 12.11 ng/ml



#14 Endrin

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 12133873
Conc: 11.49 ng/ml



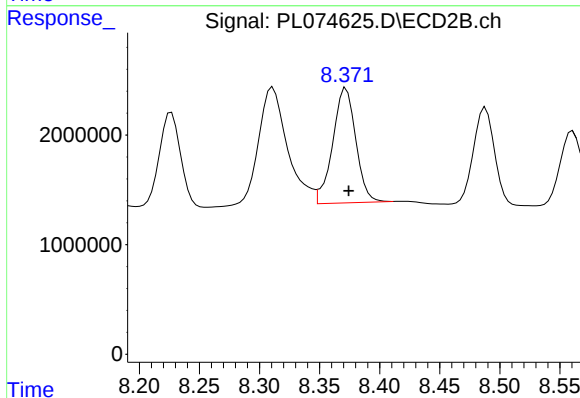
#15 Endosulfan II

R.T.: 9.300 min
Delta R.T.: -0.002 min
Response: 5692945
Conc: 12.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144631BSD

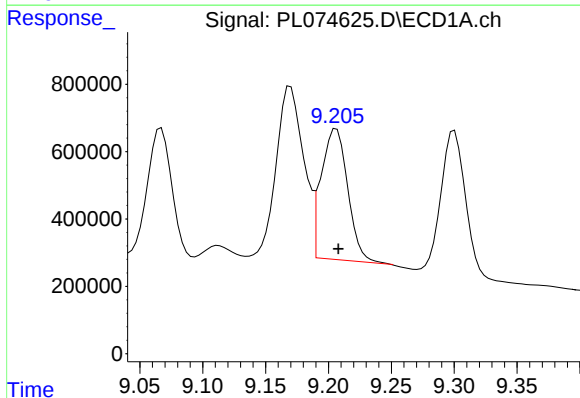
Manual Integrations
APPROVED

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



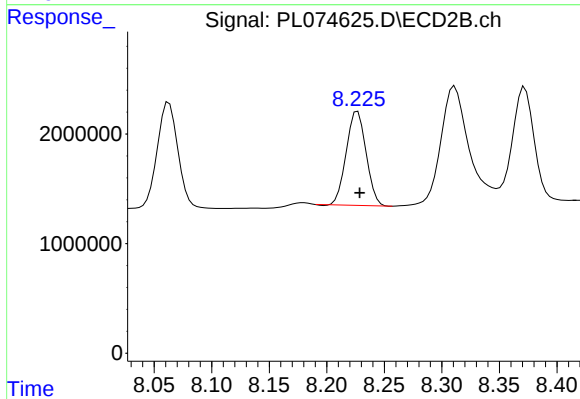
#15 Endosulfan II

R.T.: 8.372 min
Delta R.T.: -0.002 min
Response: 14041391
Conc: 12.43 ng/ml



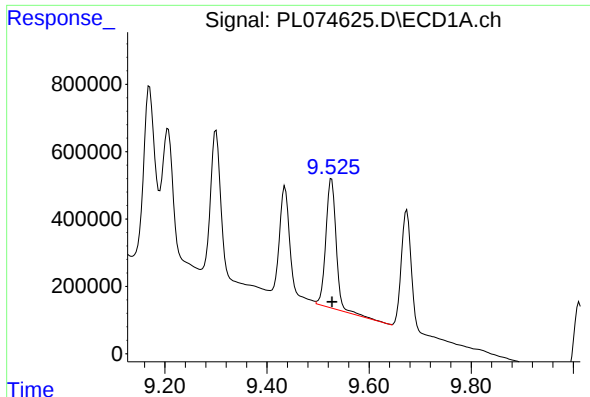
#16 4,4'-DDD

R.T.: 9.206 min
Delta R.T.: -0.002 min
Response: 5678148
Conc: 12.56 ng/ml



#16 4,4'-DDD

R.T.: 8.227 min
Delta R.T.: -0.002 min
Response: 10356513
Conc: 10.51 ng/ml



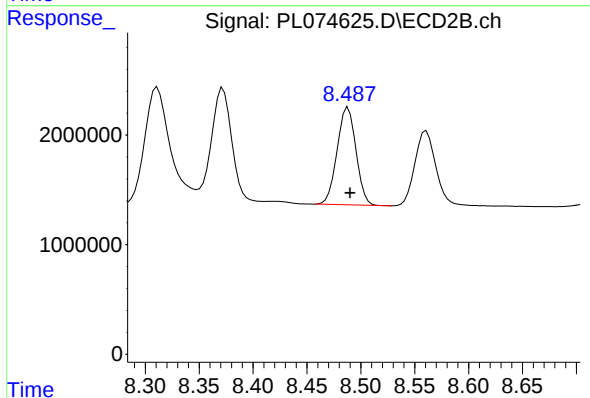
#17 4,4'-DDT

R.T.: 9.526 min
Delta R.T.: 0.000 min
Response: 5460785
Conc: 11.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144631BSD

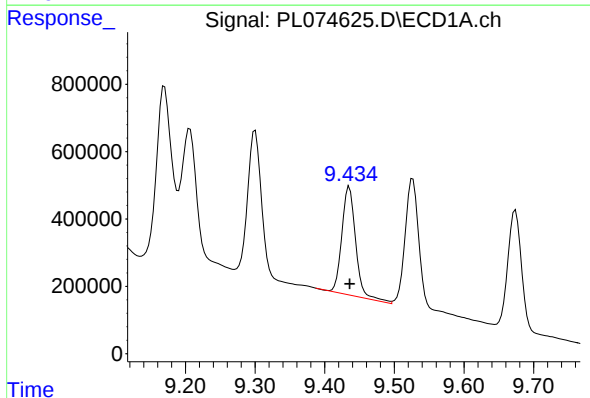
Manual Integrations
APPROVED

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



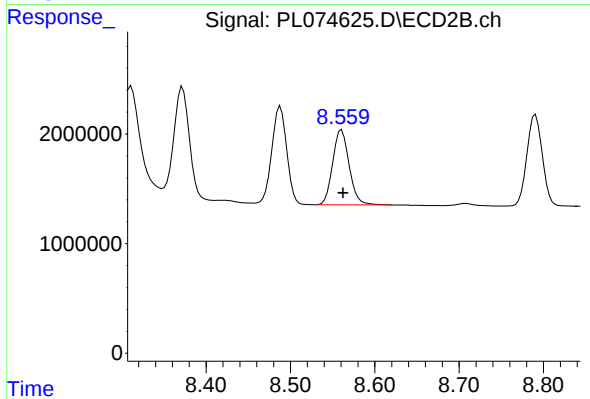
#17 4,4'-DDT

R.T.: 8.488 min
Delta R.T.: -0.002 min
Response: 10813558
Conc: 10.81 ng/ml



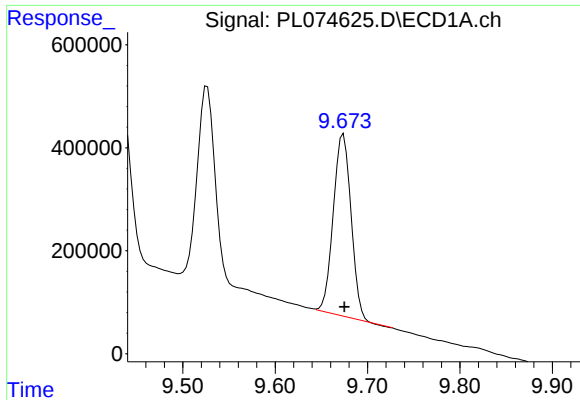
#18 Endrin aldehyde

R.T.: 9.435 min
Delta R.T.: 0.000 min
Response: 4481649
Conc: 12.66 ng/ml



#18 Endrin aldehyde

R.T.: 8.561 min
Delta R.T.: -0.002 min
Response: 9291888
Conc: 11.63 ng/ml



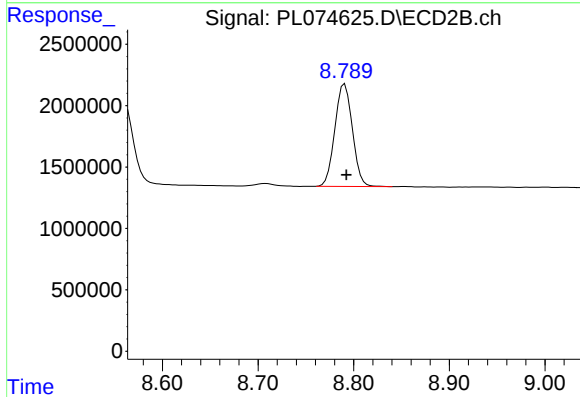
#19 Endosulfan Sulfate

R.T.: 9.674 min
Delta R.T.: -0.001 min
Response: 4620943
Conc: 10.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144631BSD

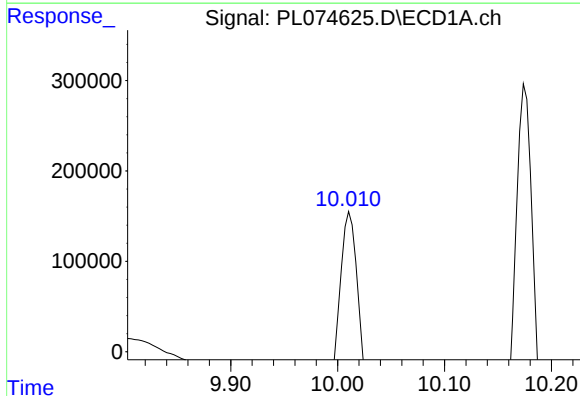
Manual Integrations
APPROVED

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



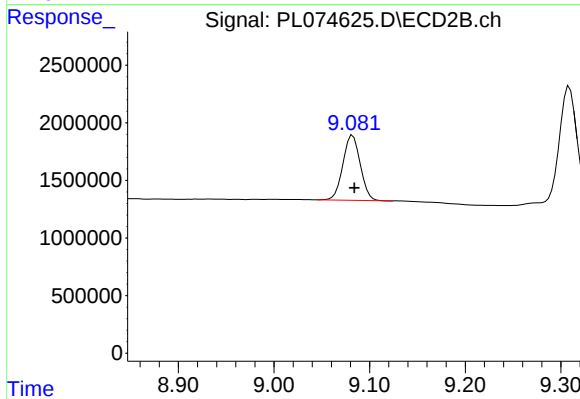
#19 Endosulfan Sulfate

R.T.: 8.791 min
Delta R.T.: -0.002 min
Response: 10618099
Conc: 9.75 ng/ml



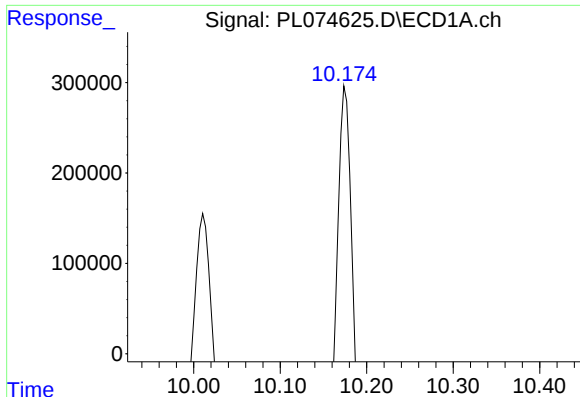
#20 Methoxychlor

R.T.: 10.012 min
Delta R.T.: -0.001 min
Response: 3157105
Conc: 12.89 ng/ml



#20 Methoxychlor

R.T.: 9.082 min
Delta R.T.: -0.002 min
Response: 7146850
Conc: 12.23 ng/ml



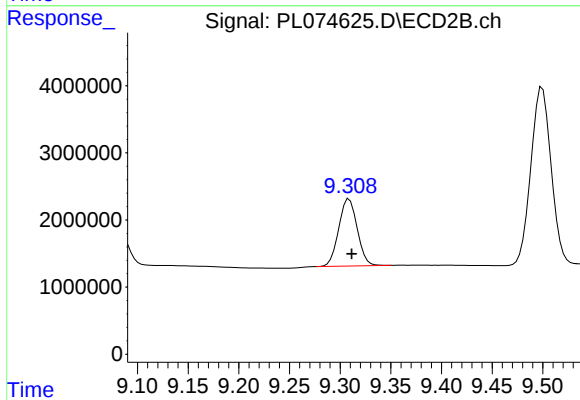
#21 Endrin ketone

R.T.: 10.176 min
Delta R.T.: -0.001 min
Response: 6141418
Conc: 11.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144631BSD

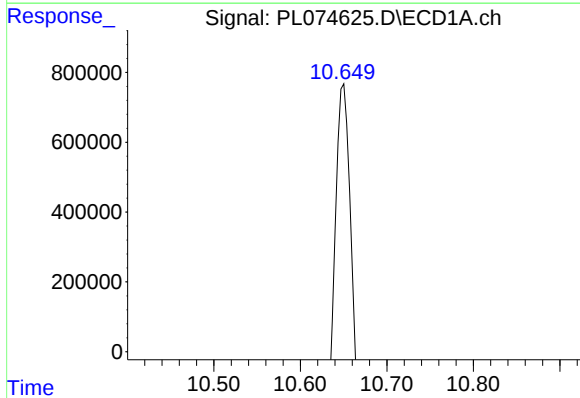
Manual Integrations
APPROVED

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



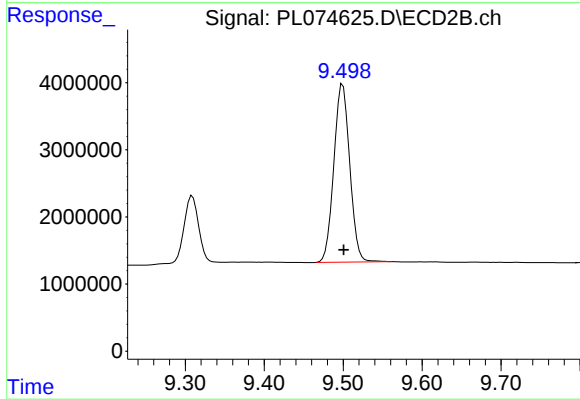
#21 Endrin ketone

R.T.: 9.309 min
Delta R.T.: -0.002 min
Response: 12702136
Conc: 11.39 ng/ml



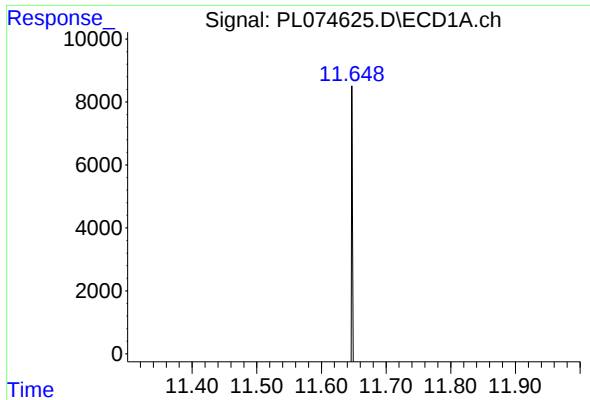
#22 Mirex

R.T.: 10.650 min
Delta R.T.: -0.001 min
Response: 18284044
Conc: 45.31 ng/ml



#22 Mirex

R.T.: 9.499 min
Delta R.T.: -0.001 min
Response: 37208042
Conc: 38.41 ng/ml



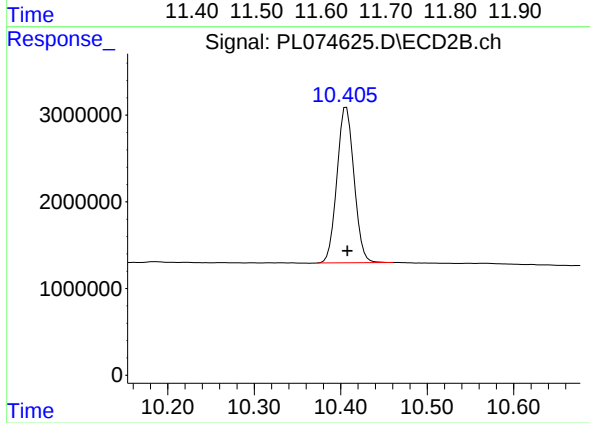
#28 Decachlorobiphenyl

R.T.: 11.649 min
Delta R.T.: -0.002 min
Response: 12804492
Conc: 28.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144631BSD

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 10.407 min
Delta R.T.: -0.001 min
Response: 24484997
Conc: 23.85 ng/ml