

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011022\
 Data File : PL071896.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2022 11:01
 Operator : AR\AJ
 Sample : PB141897BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB141897BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/11/2022
 Supervised By : mohammad ahmed 01/12/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 11 01:29:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010422.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 06 10:33:37 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...	4.565	5.495	9869837	26262550	21.366	21.375
28)	SA Decachlor...	10.324	11.390	15955616	26005787	22.068m	21.945
Target Compounds							
2)	A alpha-BHC	5.271	6.076	32853960	94308567	53.208	54.093
3)	MA gamma-BHC...	5.694	6.473	31754430	88317175	52.166	54.598
4)	MA Heptachlor	6.100	7.119	36672894	91515547	53.720	57.111
5)	MB Aldrin	6.423	7.489	32236492	83561213	51.199	54.239
6)	B beta-BHC	6.078	6.732	14383510	41687456	53.161	58.345
7)	B delta-BHC	6.336	6.998	32589247	87681953	52.114	57.118
8)	B Heptachlo...	7.001	7.957	31913287	77679275	52.317	55.591
9)	A Endosulfan I	7.403	8.362	30224186	69690127	53.368	56.265
10)	B gamma-Chl...	7.278	8.227	32543652	76482638	52.486	55.932
11)	B alpha-Chl...	7.348	8.308	32696115	74877029	52.804	56.262
12)	B 4,4'-DDE	7.562	8.497	29709417	71838140	53.585	57.075
13)	MA Dieldrin	7.689	8.652	30999721	70673312	51.399	53.867
14)	MA Endrin	7.980	8.891	28083436	58766674	53.141	56.783
15)	B Endosulfa...	8.292	9.127	28011313	58657618	48.459	52.234
16)	A 4,4'-DDD	8.148	9.038	25180321	55759859	52.292	58.000
17)	MA 4,4'-DDT	8.409	9.355	26872334	58692719	56.306	62.239
18)	B Endrin al...	8.482	9.262	23457460	47303690	51.695	55.744
19)	B Endosulfa...	8.712	9.500	29762850	57157998	50.900	55.020
20)	A Methoxychlor	9.005	9.843	16305490	29293080	52.683	59.488
21)	B Endrin ke...	9.231	9.996	35746958	62374429	51.583	55.271
22)	Mirex	9.412	10.459	30607806	46176725	51.024	53.751

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011022\
 Data File : PL071896.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2022 11:01
 Operator : AR\AJ
 Sample : PB141897BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

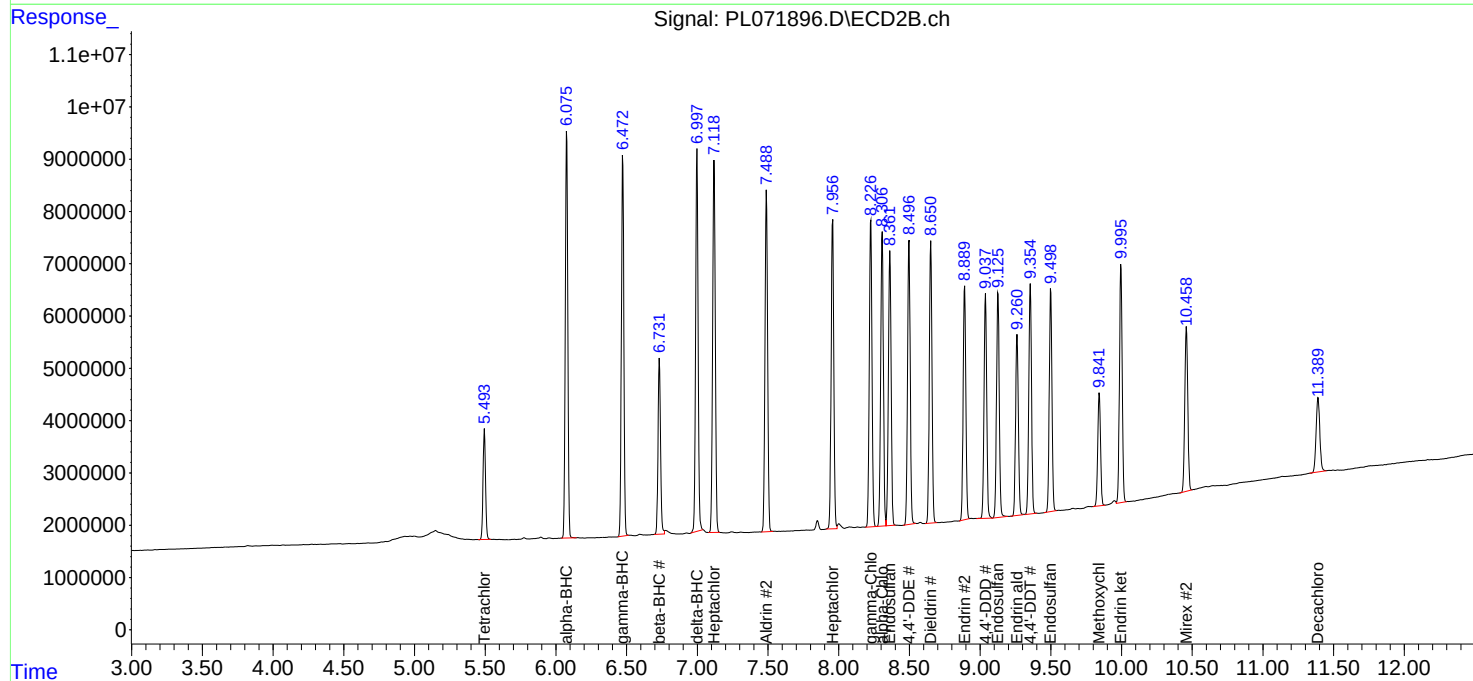
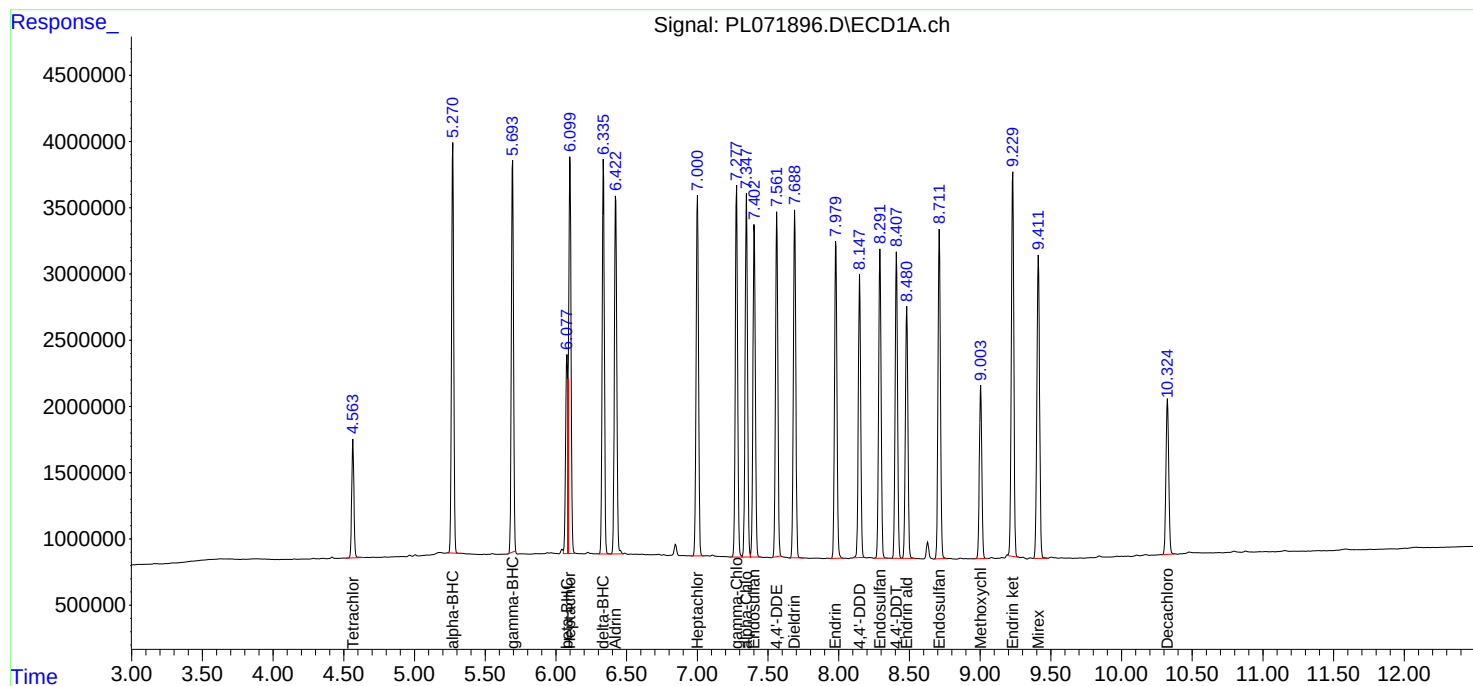
Instrument :
 ECD_L
 ClientSampleId :
 PB141897BS

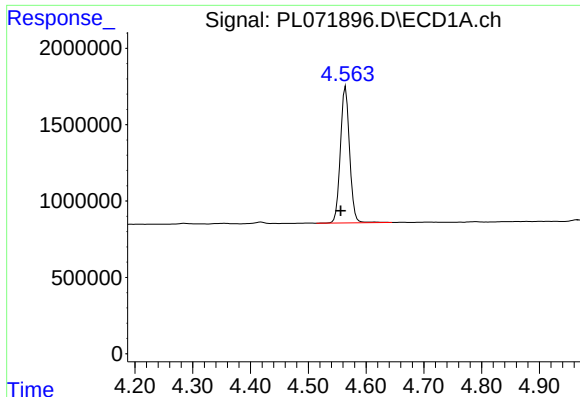
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 01/11/2022
 Supervised By :mohammad ahmed 01/12/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 11 01:29:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010422.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 06 10:33:37 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





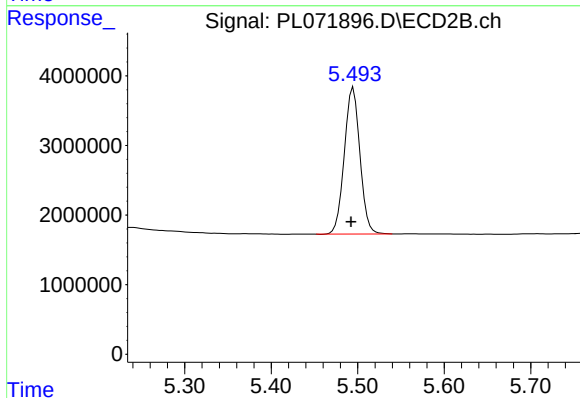
#1 Tetrachloro-m-xylene

R.T.: 4.565 min
Delta R.T.: 0.009 min
Response: 9869837
Conc: 21.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141897BS

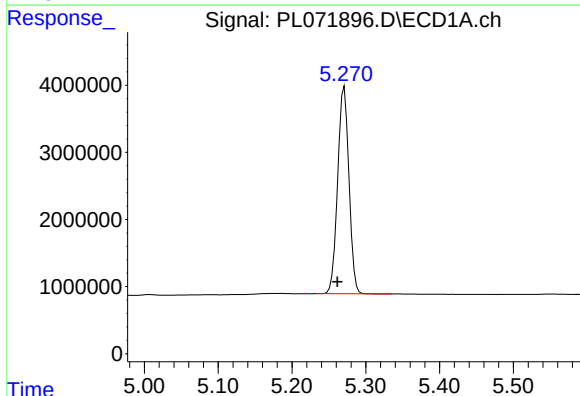
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/11/2022
Supervised By :mohammad ahmed 01/12/2022



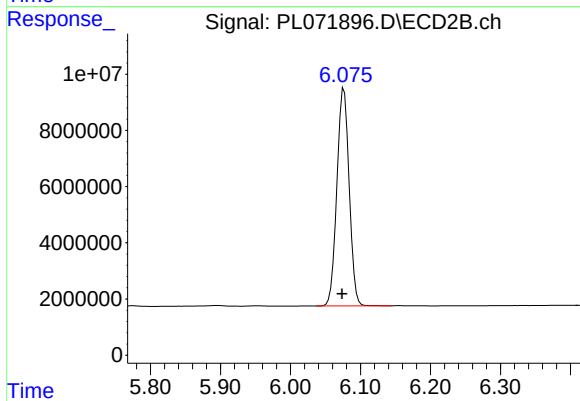
#1 Tetrachloro-m-xylene

R.T.: 5.495 min
Delta R.T.: 0.002 min
Response: 26262550
Conc: 21.38 ng/ml



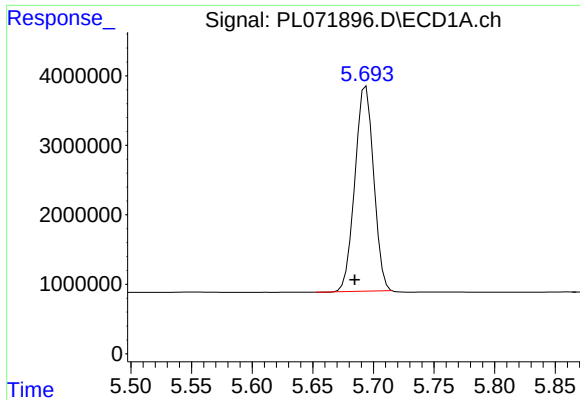
#2 alpha-BHC

R.T.: 5.271 min
Delta R.T.: 0.009 min
Response: 32853960
Conc: 53.21 ng/ml



#2 alpha-BHC

R.T.: 6.076 min
Delta R.T.: 0.003 min
Response: 94308567
Conc: 54.09 ng/ml



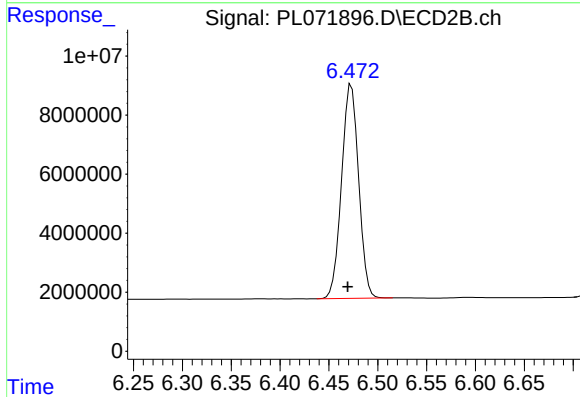
#3 gamma-BHC (Lindane)

R.T.: 5.694 min
Delta R.T.: 0.009 min
Response: 31754430
Conc: 52.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141897BS

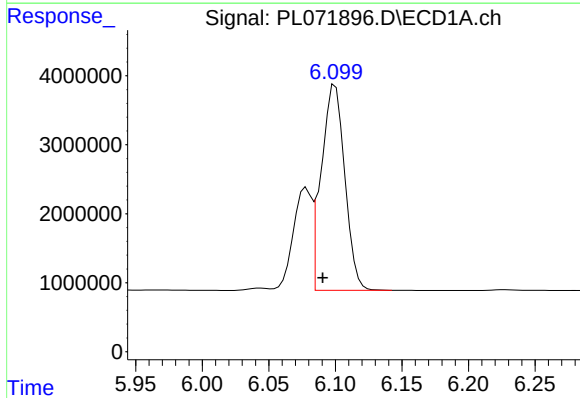
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/11/2022
Supervised By :mohammad ahmed 01/12/2022



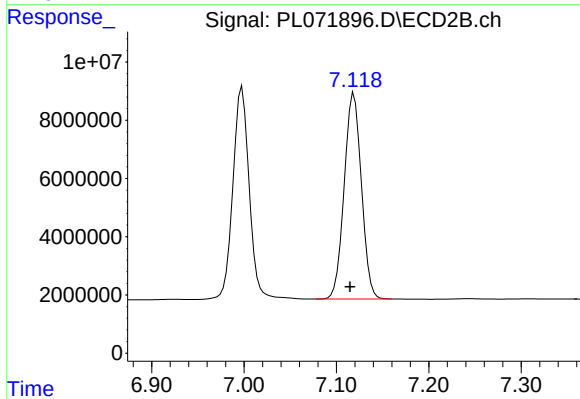
#3 gamma-BHC (Lindane)

R.T.: 6.473 min
Delta R.T.: 0.004 min
Response: 88317175
Conc: 54.60 ng/ml



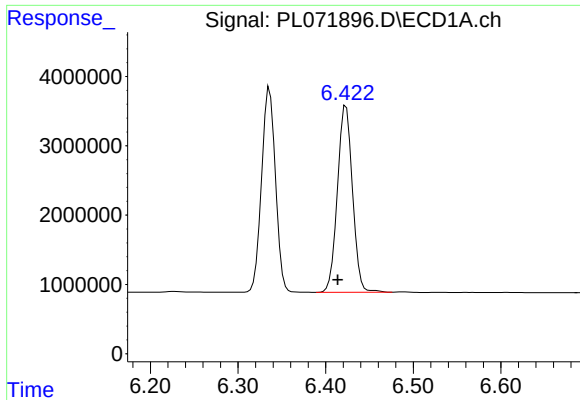
#4 Heptachlor

R.T.: 6.100 min
Delta R.T.: 0.009 min
Response: 36672894
Conc: 53.72 ng/ml



#4 Heptachlor

R.T.: 7.119 min
Delta R.T.: 0.004 min
Response: 91515547
Conc: 57.11 ng/ml



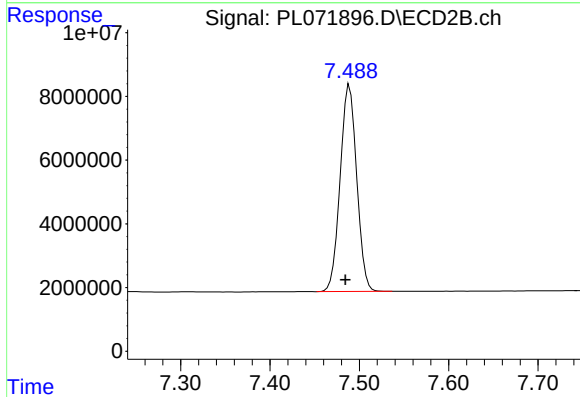
#5 Aldrin

R.T.: 6.423 min
Delta R.T.: 0.009 min
Response: 32236492
Conc: 51.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141897BS

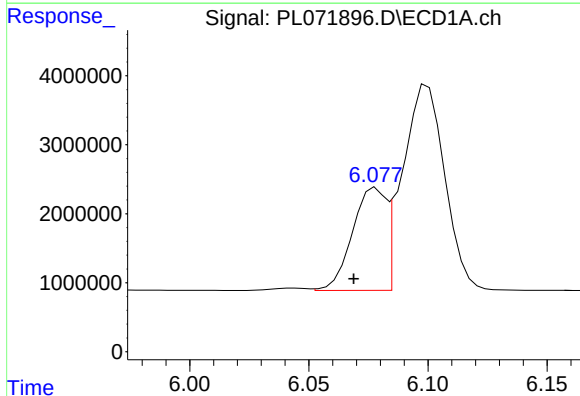
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/11/2022
Supervised By :mohammad ahmed 01/12/2022



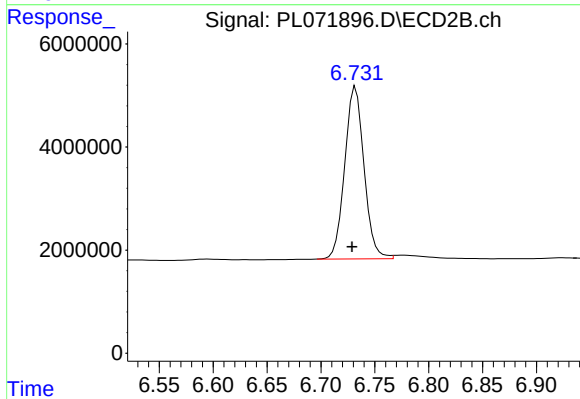
#5 Aldrin

R.T.: 7.489 min
Delta R.T.: 0.005 min
Response: 83561213
Conc: 54.24 ng/ml



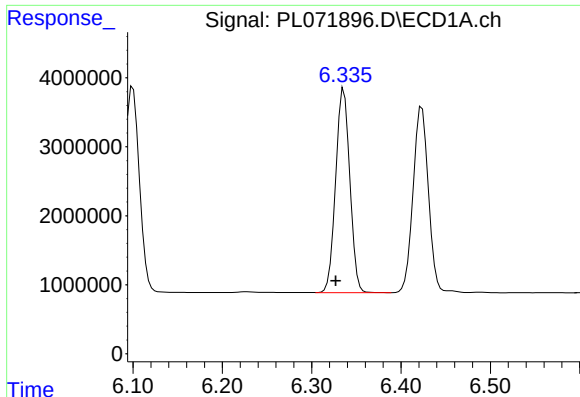
#6 beta-BHC

R.T.: 6.078 min
Delta R.T.: 0.009 min
Response: 14383510
Conc: 53.16 ng/ml



#6 beta-BHC

R.T.: 6.732 min
Delta R.T.: 0.004 min
Response: 41687456
Conc: 58.34 ng/ml



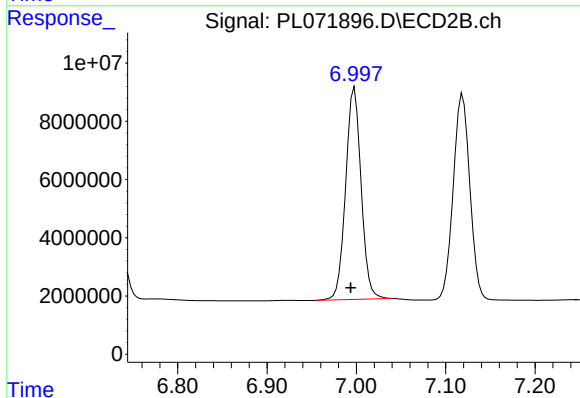
#7 delta-BHC

R.T.: 6.336 min
Delta R.T.: 0.009 min
Response: 32589247
Conc: 52.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141897BS

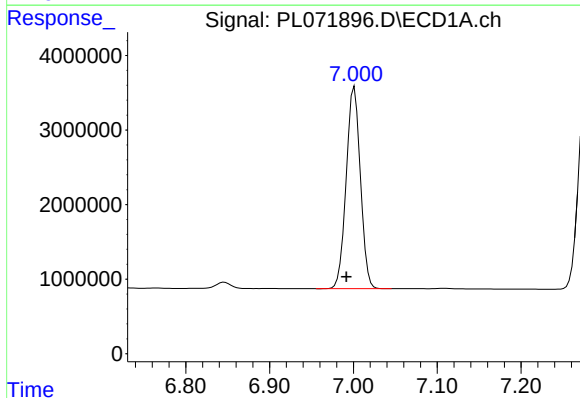
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/11/2022
Supervised By :mohammad ahmed 01/12/2022



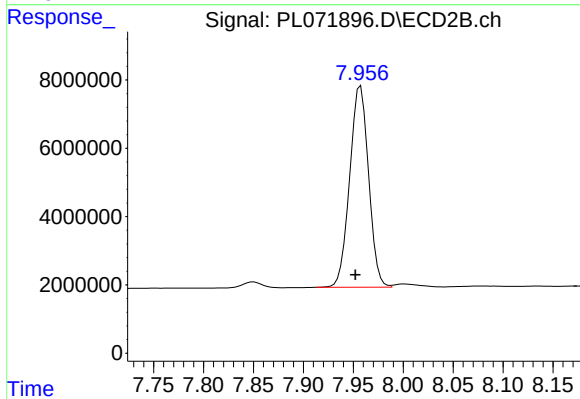
#7 delta-BHC

R.T.: 6.998 min
Delta R.T.: 0.004 min
Response: 87681953
Conc: 57.12 ng/ml



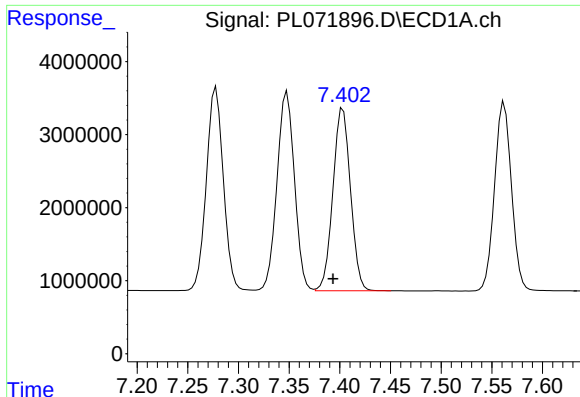
#8 Heptachlor epoxide

R.T.: 7.001 min
Delta R.T.: 0.010 min
Response: 31913287
Conc: 52.32 ng/ml



#8 Heptachlor epoxide

R.T.: 7.957 min
Delta R.T.: 0.005 min
Response: 77679275
Conc: 55.59 ng/ml



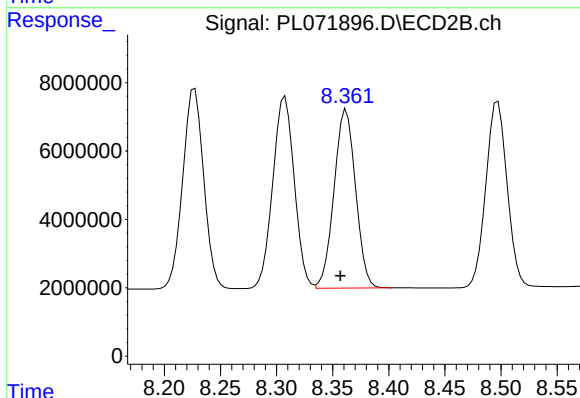
#9 Endosulfan I

R.T.: 7.403 min
Delta R.T.: 0.010 min
Response: 30224186
Conc: 53.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141897BS

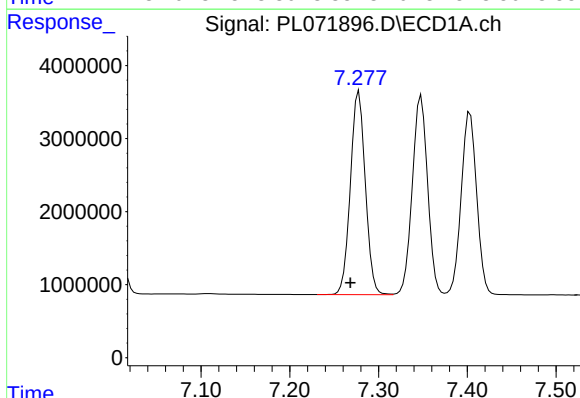
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/11/2022
Supervised By :mohammad ahmed 01/12/2022



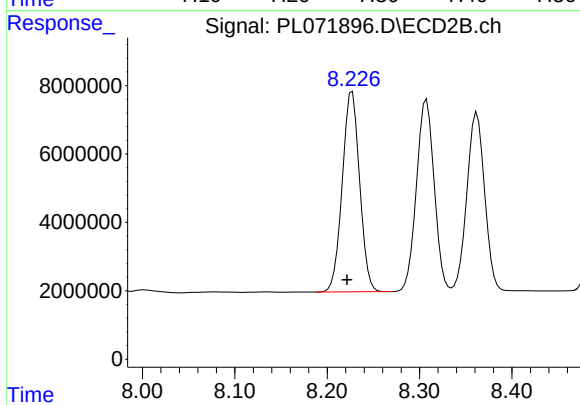
#9 Endosulfan I

R.T.: 8.362 min
Delta R.T.: 0.005 min
Response: 69690127
Conc: 56.27 ng/ml



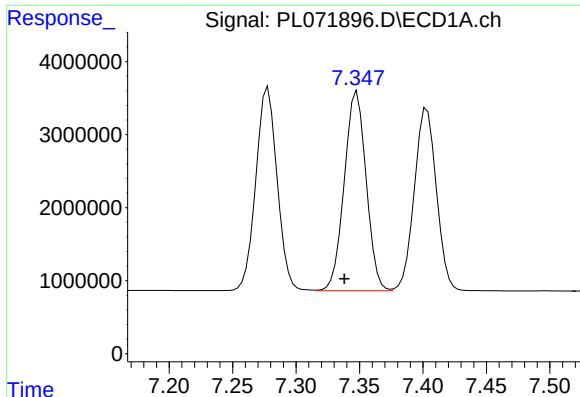
#10 gamma-Chlordane

R.T.: 7.278 min
Delta R.T.: 0.009 min
Response: 32543652
Conc: 52.49 ng/ml



#10 gamma-Chlordane

R.T.: 8.227 min
Delta R.T.: 0.005 min
Response: 76482638
Conc: 55.93 ng/ml



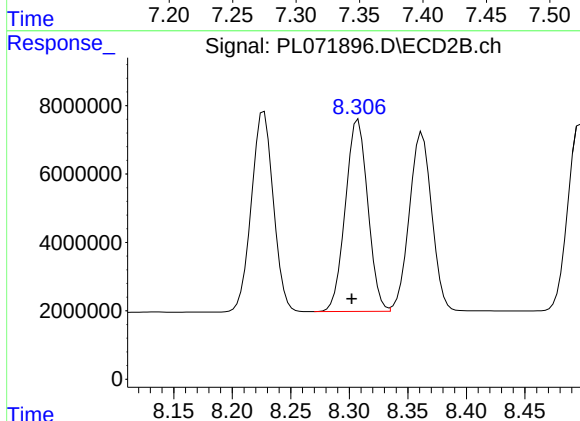
#11 alpha-Chlordane

R.T.: 7.348 min
Delta R.T.: 0.010 min
Response: 32696115
Conc: 52.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141897BS

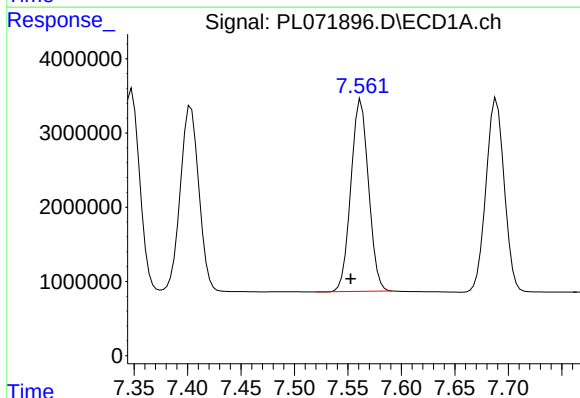
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/11/2022
Supervised By :mohammad ahmed 01/12/2022



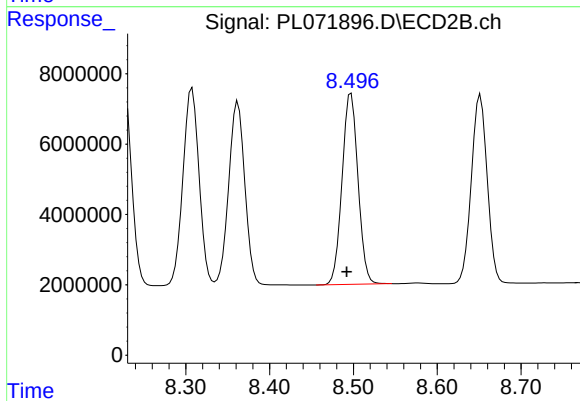
#11 alpha-Chlordane

R.T.: 8.308 min
Delta R.T.: 0.005 min
Response: 74877029
Conc: 56.26 ng/ml



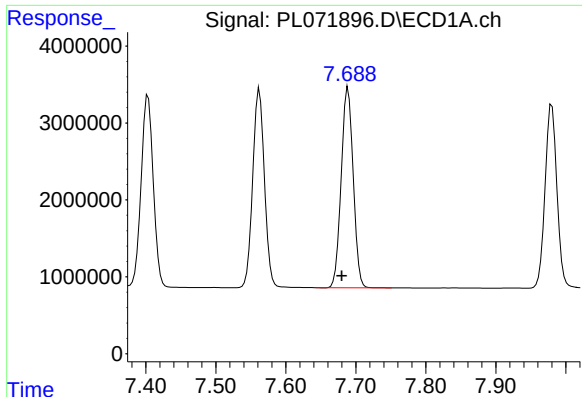
#12 4,4'-DDE

R.T.: 7.562 min
Delta R.T.: 0.010 min
Response: 29709417
Conc: 53.58 ng/ml



#12 4,4'-DDE

R.T.: 8.497 min
Delta R.T.: 0.005 min
Response: 71838140
Conc: 57.07 ng/ml



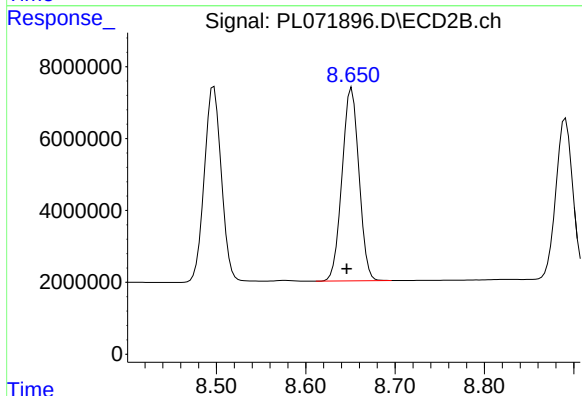
#13 Dieldrin

R.T.: 7.689 min
Delta R.T.: 0.009 min
Response: 30999721
Conc: 51.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141897BS

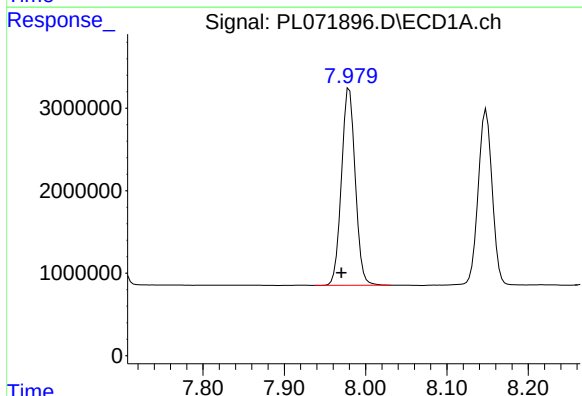
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/11/2022
Supervised By :mohammad ahmed 01/12/2022



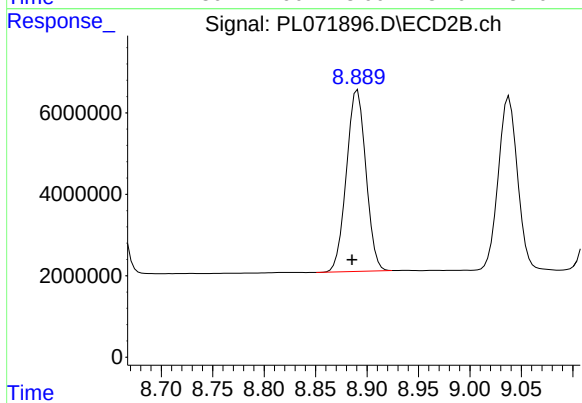
#13 Dieldrin

R.T.: 8.652 min
Delta R.T.: 0.006 min
Response: 70673312
Conc: 53.87 ng/ml



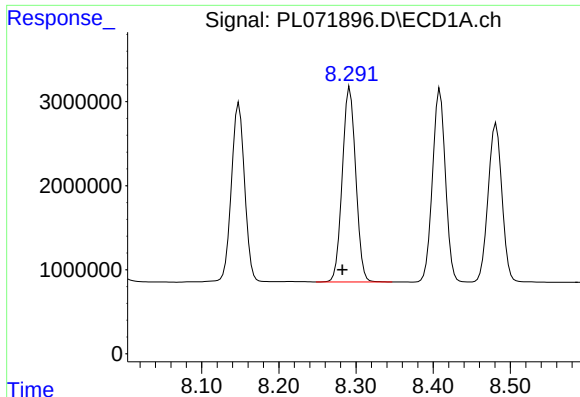
#14 Endrin

R.T.: 7.980 min
Delta R.T.: 0.010 min
Response: 28083436
Conc: 53.14 ng/ml



#14 Endrin

R.T.: 8.891 min
Delta R.T.: 0.005 min
Response: 58766674
Conc: 56.78 ng/ml



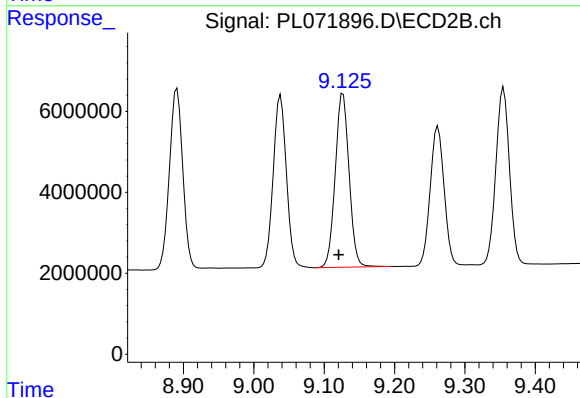
#15 Endosulfan II

R.T.: 8.292 min
Delta R.T.: 0.009 min
Response: 28011313
Conc: 48.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141897BS

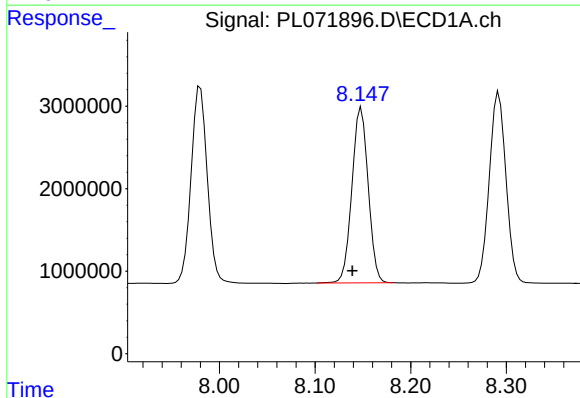
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/11/2022
Supervised By :mohammad ahmed 01/12/2022



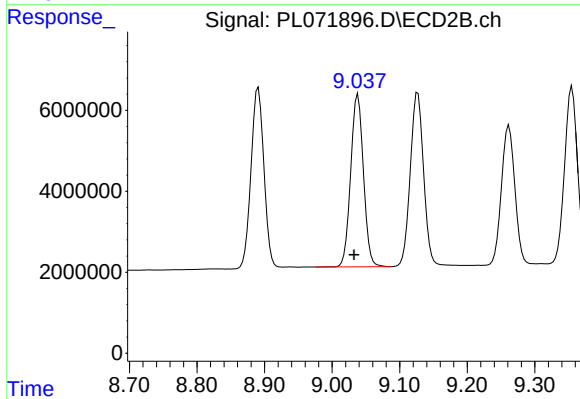
#15 Endosulfan II

R.T.: 9.127 min
Delta R.T.: 0.006 min
Response: 58657618
Conc: 52.23 ng/ml



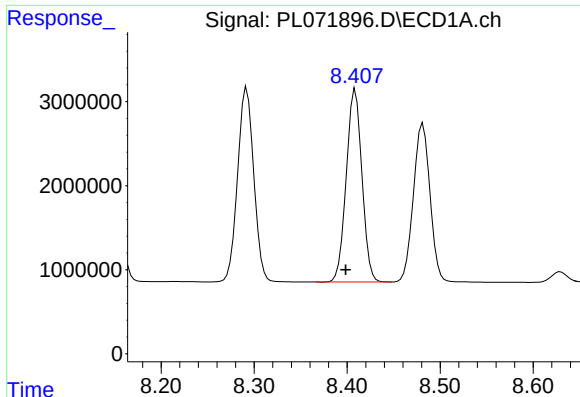
#16 4,4'-DDD

R.T.: 8.148 min
Delta R.T.: 0.009 min
Response: 25180321
Conc: 52.29 ng/ml



#16 4,4'-DDD

R.T.: 9.038 min
Delta R.T.: 0.006 min
Response: 55759859
Conc: 58.00 ng/ml



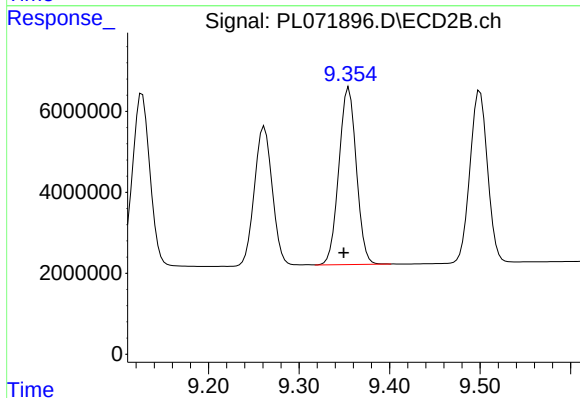
#17 4,4'-DDT

R.T.: 8.409 min
Delta R.T.: 0.010 min
Response: 26872334
Conc: 56.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141897BS

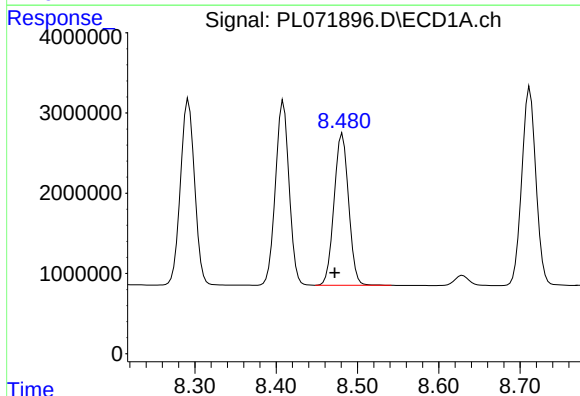
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/11/2022
Supervised By :mohammad ahmed 01/12/2022



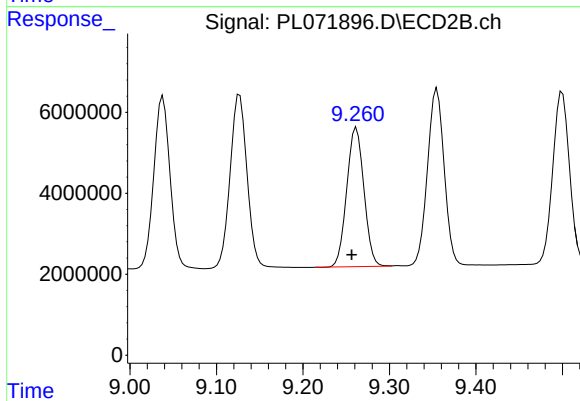
#17 4,4'-DDT

R.T.: 9.355 min
Delta R.T.: 0.006 min
Response: 58692719
Conc: 62.24 ng/ml



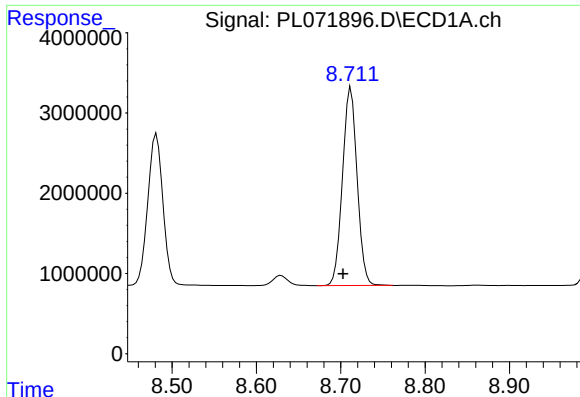
#18 Endrin aldehyde

R.T.: 8.482 min
Delta R.T.: 0.010 min
Response: 23457460
Conc: 51.69 ng/ml



#18 Endrin aldehyde

R.T.: 9.262 min
Delta R.T.: 0.005 min
Response: 47303690
Conc: 55.74 ng/ml



#19 Endosulfan Sulfate

R.T.: 8.712 min
Delta R.T.: 0.009 min
Response: 29762850
Conc: 50.90 ng/ml

Instrument :

ECD_L

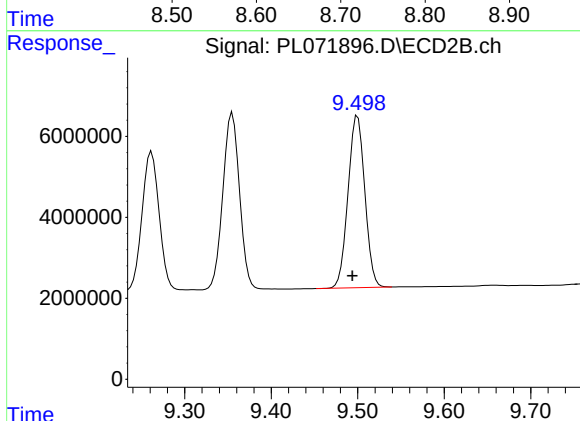
ClientSampleId :

PB141897BS

Manual Integrations

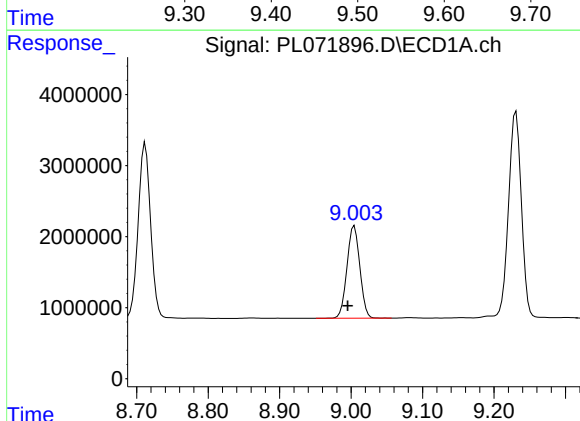
APPROVED

Reviewed By :Abdul Mirza 01/11/2022
Supervised By :mohammad ahmed 01/12/2022



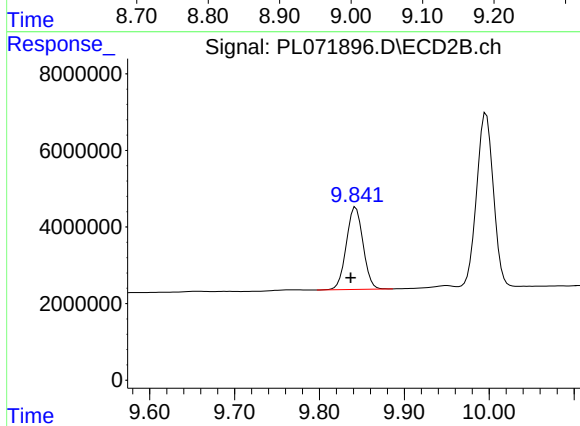
#19 Endosulfan Sulfate

R.T.: 9.500 min
Delta R.T.: 0.006 min
Response: 57157998
Conc: 55.02 ng/ml



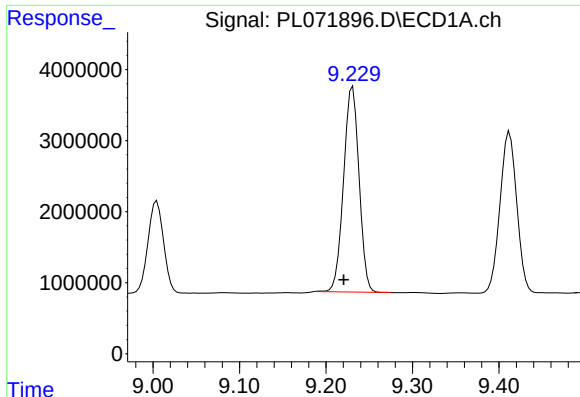
#20 Methoxychlor

R.T.: 9.005 min
Delta R.T.: 0.009 min
Response: 16305490
Conc: 52.68 ng/ml



#20 Methoxychlor

R.T.: 9.843 min
Delta R.T.: 0.006 min
Response: 29293080
Conc: 59.49 ng/ml



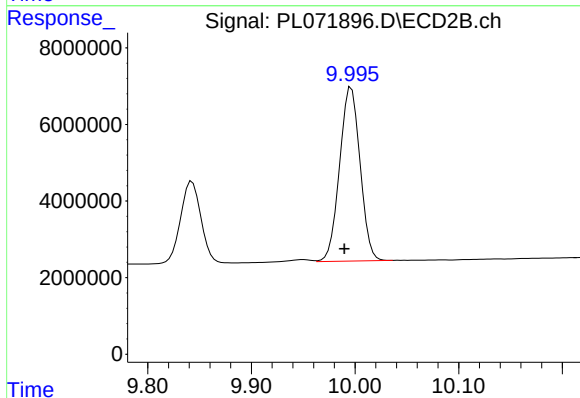
#21 Endrin ketone

R.T.: 9.231 min
Delta R.T.: 0.010 min
Response: 35746958
Conc: 51.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141897BS

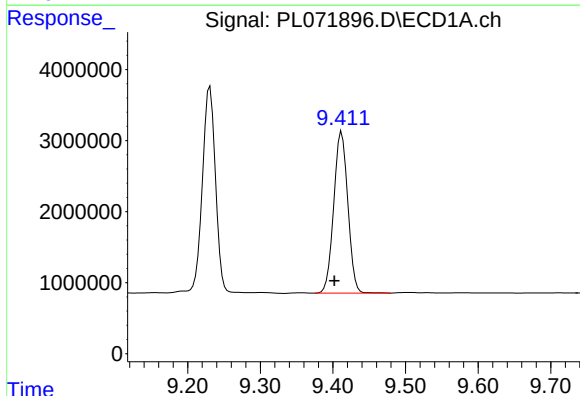
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/11/2022
Supervised By :mohammad ahmed 01/12/2022



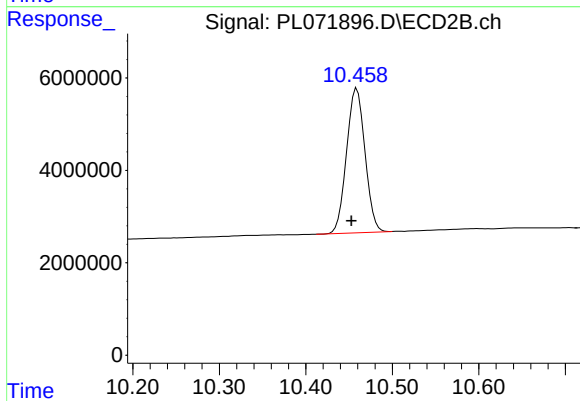
#21 Endrin ketone

R.T.: 9.996 min
Delta R.T.: 0.007 min
Response: 62374429
Conc: 55.27 ng/ml



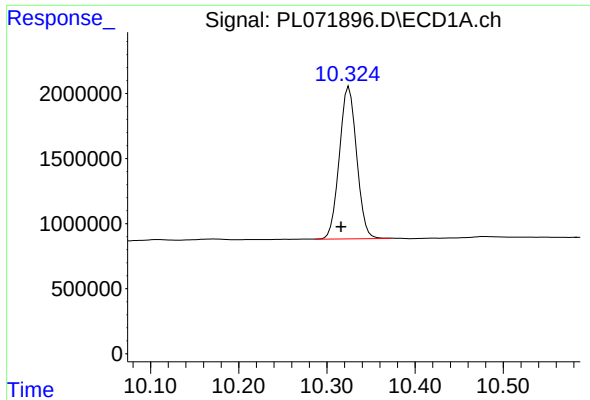
#22 Mirex

R.T.: 9.412 min
Delta R.T.: 0.010 min
Response: 30607806
Conc: 51.02 ng/ml



#22 Mirex

R.T.: 10.459 min
Delta R.T.: 0.006 min
Response: 46176725
Conc: 53.75 ng/ml



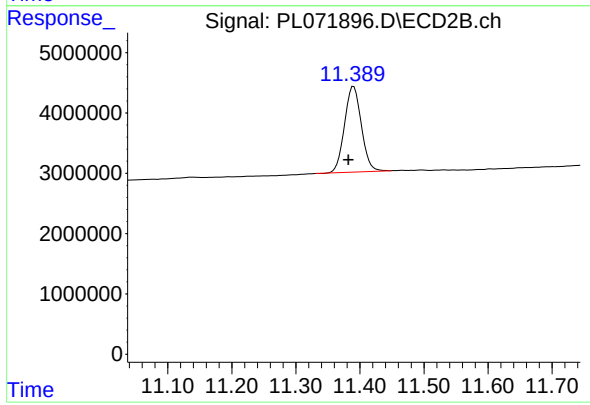
#28 Decachlorobiphenyl

R.T.: 10.324 min
Delta R.T.: 0.008 min
Response: 15955616
Conc: 22.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141897BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/11/2022
Supervised By :mohammad ahmed 01/12/2022



#28 Decachlorobiphenyl

R.T.: 11.390 min
Delta R.T.: 0.008 min
Response: 26005787
Conc: 21.95 ng/ml