

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110221\
 Data File : PL070723.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2021 13:37
 Operator : AR\AJ
 Sample : PB140418BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB140418BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/03/2021
 Supervised By : mohammad ahmed 11/03/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 22:42:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102921.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 29 09:09:01 2021
 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...	4.585	5.520	9812587	26597179	21.762	19.120
28)	SA Decachlor...	10.350	11.423	14188567	26819418	23.767	18.761
Target Compounds							
2)	A alpha-BHC	5.292	6.101	35025057	97638427	54.605	46.067
3)	MA gamma-BHC...	5.715	6.497	33524899	91994649	53.820	46.260
4)	MA Heptachlor	6.123	7.146	35409680	94430875	52.578	46.180
5)	MB Aldrin	6.447	7.516	31958527	86167083	53.991	45.520
6)	B beta-BHC	6.096	6.753	16421995	42361440	51.881	42.602
7)	B delta-BHC	6.356	7.020	30797329	89380605	50.521	39.470
8)	B Heptachlo...	7.024	7.982	31895411	81361945	53.298	46.562
9)	A Endosulfan I	7.426	8.388	30137346	75721892	53.587	44.949
10)	B gamma-Chl...	7.301	8.252	32639886	82082057	53.796	45.128
11)	B alpha-Chl...	7.371	8.333	32541412	80385223	53.547	45.126
12)	B 4,4'-DDE	7.585	8.522	29242112	81588506	56.111	45.213
13)	MA Dieldrin	7.712	8.677	31770877	79178160	55.349	44.940
14)	MA Endrin	8.003	8.915	29701241	70453643	55.307	46.522m
15)	B Endosulfa...	8.315	9.151	30319255	68926690	53.106	46.039
16)	A 4,4'-DDD	8.171	9.061	25450310	64650013	55.781	40.212 #
17)	MA 4,4'-DDT	8.432	9.379	28757166	68638143	55.417	42.461
18)	B Endrin al...	8.504	9.285	26192356	58924216	61.403	50.036
19)	B Endosulfa...	8.735	9.523	31337755	67244946	55.597	44.864
20)	A Methoxychlor	9.027	9.865	18136344	35763860	54.588	42.721
21)	B Endrin ke...	9.252	10.021	36451222	73486810	57.473	44.972
22)	Mirex	9.437	10.486	30400846	51915004	53.485	43.411

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110221\
 Data File : PL070723.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2021 13:37
 Operator : AR\AJ
 Sample : PB140418BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

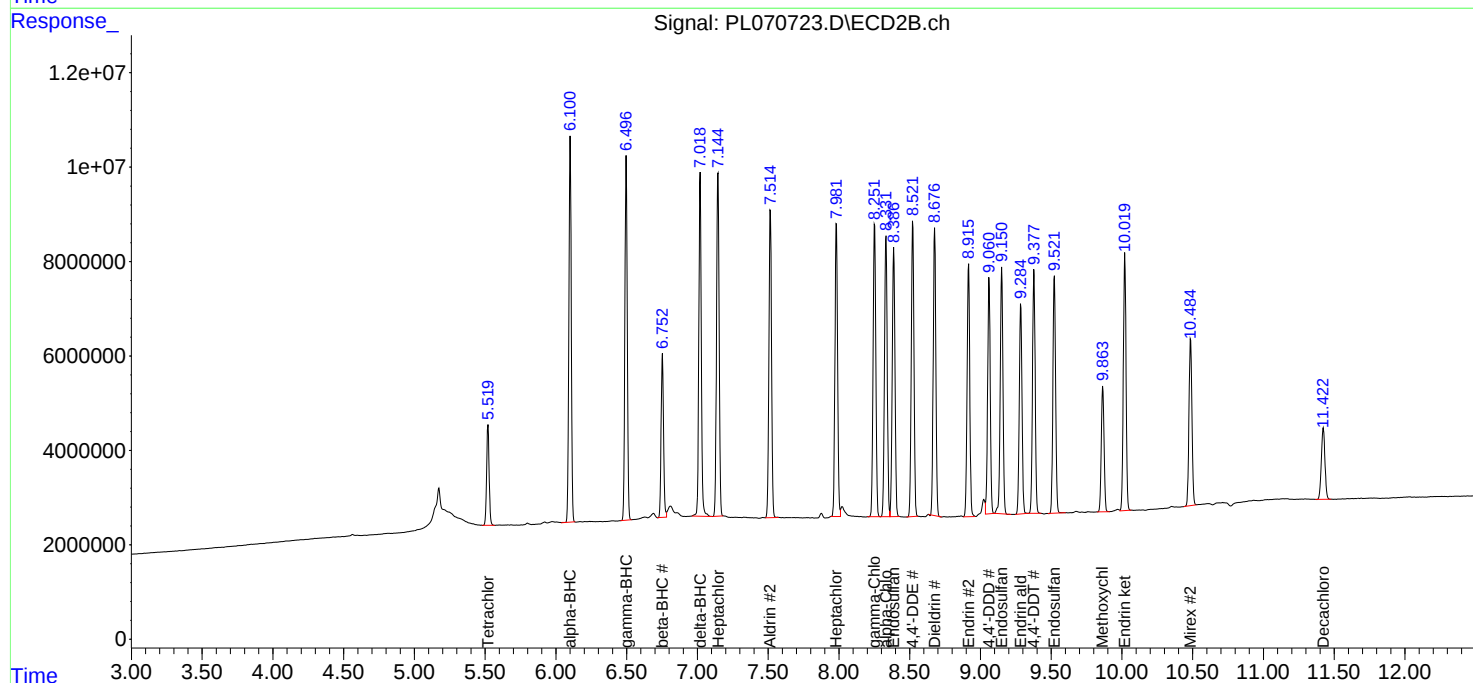
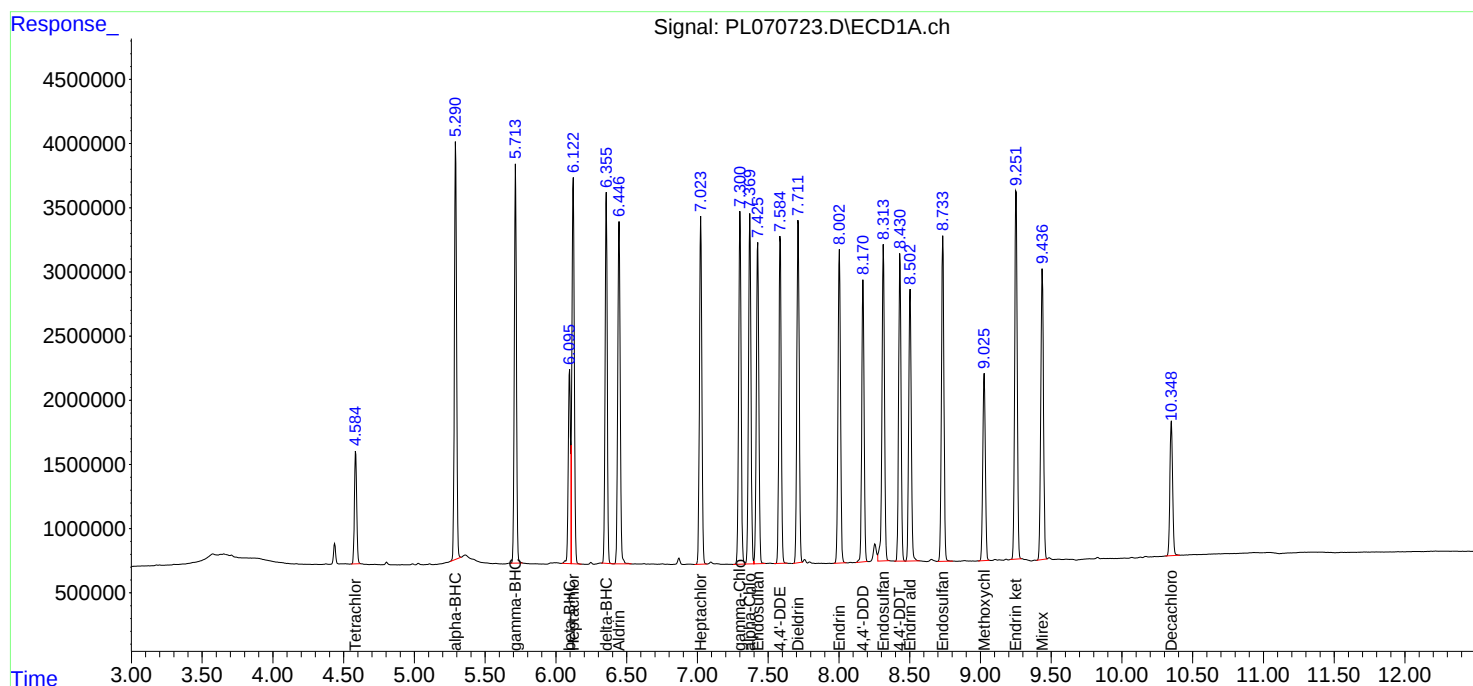
Instrument :
 ECD_L
 ClientSampleId :
 PB140418BS

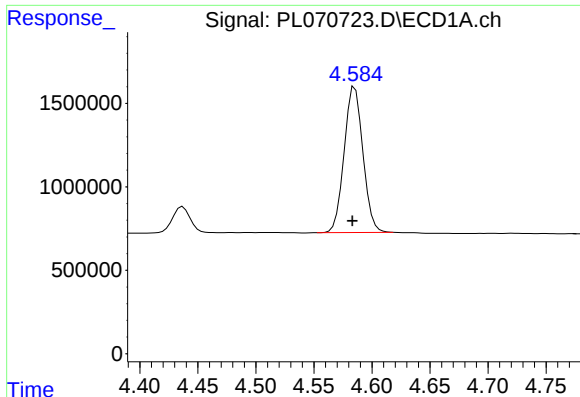
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/03/2021
 Supervised By :mohammad ahmed 11/03/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 22:42:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102921.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 29 09:09:01 2021
 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





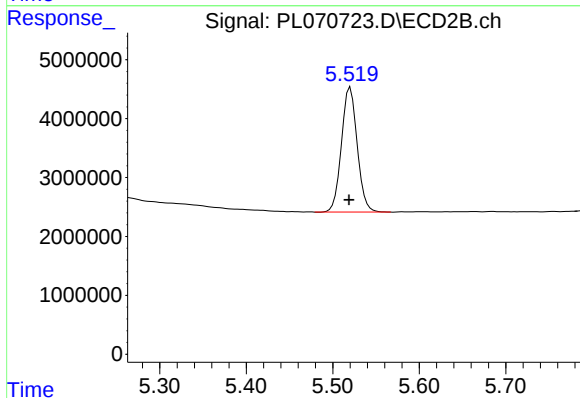
#1 Tetrachloro-m-xylene

R.T.: 4.585 min
Delta R.T.: 0.002 min
Response: 9812587
Conc: 21.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140418BS

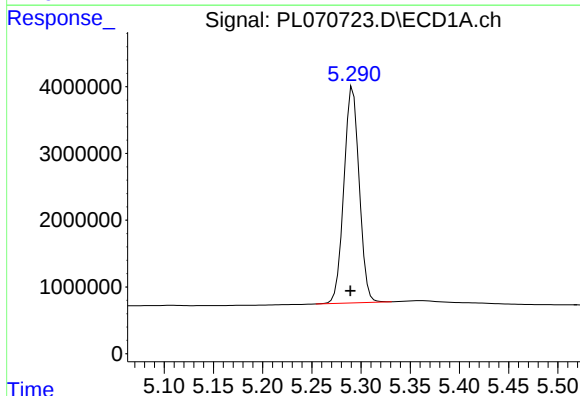
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/03/2021
Supervised By :mohammad ahmed 11/03/2021



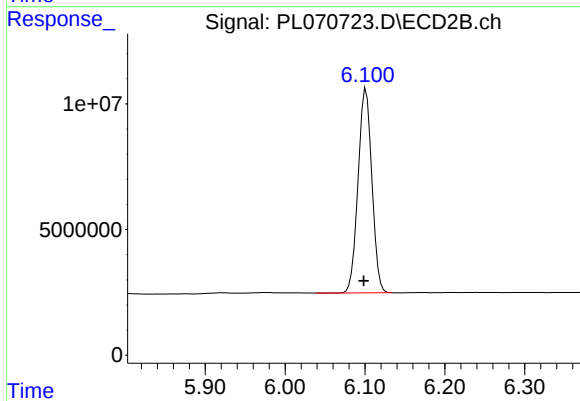
#1 Tetrachloro-m-xylene

R.T.: 5.520 min
Delta R.T.: 0.001 min
Response: 26597179
Conc: 19.12 ng/ml



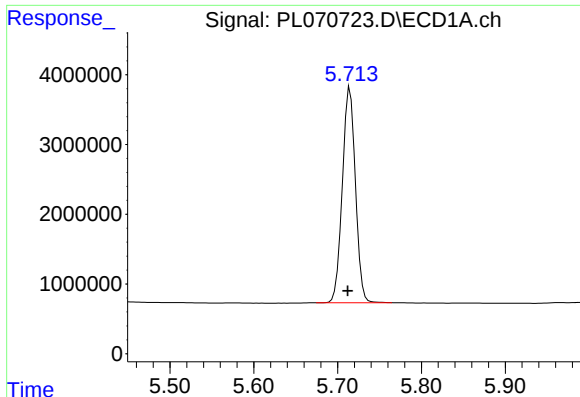
#2 alpha-BHC

R.T.: 5.292 min
Delta R.T.: 0.002 min
Response: 35025057
Conc: 54.61 ng/ml



#2 alpha-BHC

R.T.: 6.101 min
Delta R.T.: 0.003 min
Response: 97638427
Conc: 46.07 ng/ml



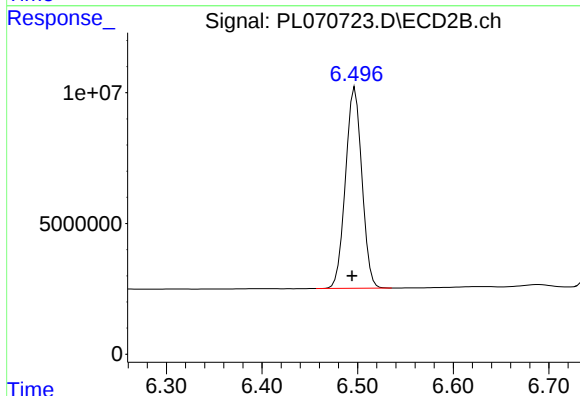
#3 gamma-BHC (Lindane)

R.T.: 5.715 min
Delta R.T.: 0.003 min
Response: 33524899
Conc: 53.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140418BS

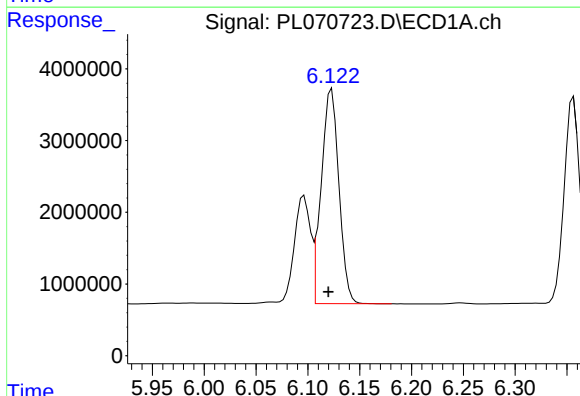
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/03/2021
Supervised By :mohammad ahmed 11/03/2021



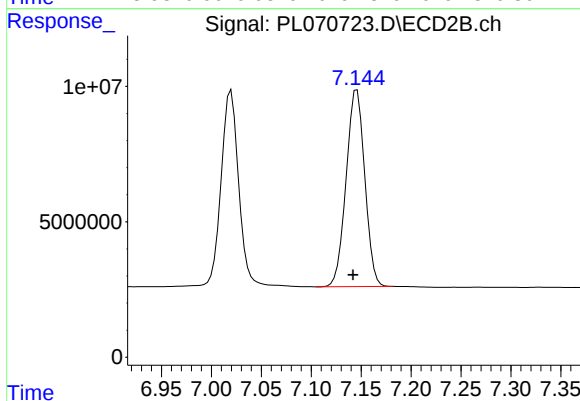
#3 gamma-BHC (Lindane)

R.T.: 6.497 min
Delta R.T.: 0.003 min
Response: 91994649
Conc: 46.26 ng/ml



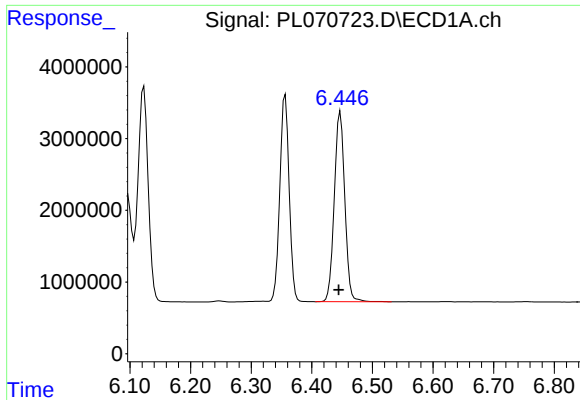
#4 Heptachlor

R.T.: 6.123 min
Delta R.T.: 0.003 min
Response: 35409680
Conc: 52.58 ng/ml



#4 Heptachlor

R.T.: 7.146 min
Delta R.T.: 0.004 min
Response: 94430875
Conc: 46.18 ng/ml



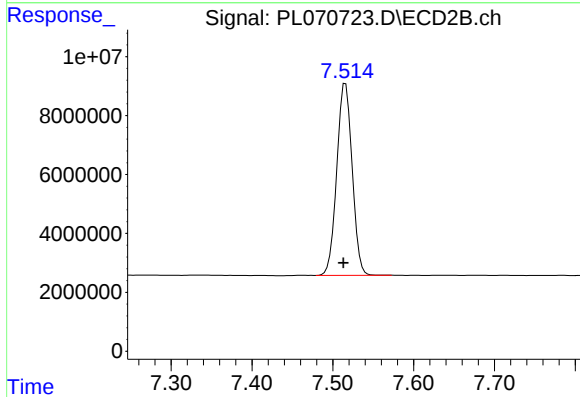
#5 Aldrin

R.T.: 6.447 min
Delta R.T.: 0.003 min
Response: 31958527
Conc: 53.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140418BS

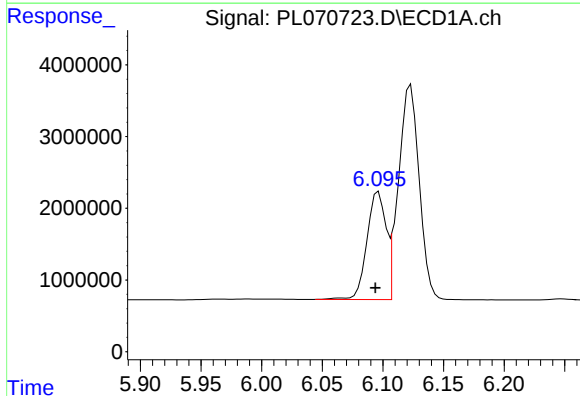
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/03/2021
Supervised By :mohammad ahmed 11/03/2021



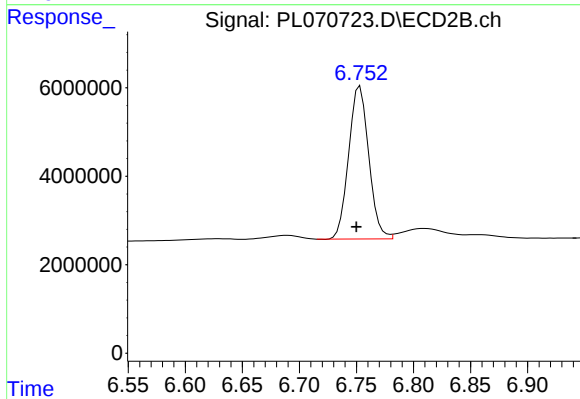
#5 Aldrin

R.T.: 7.516 min
Delta R.T.: 0.003 min
Response: 86167083
Conc: 45.52 ng/ml



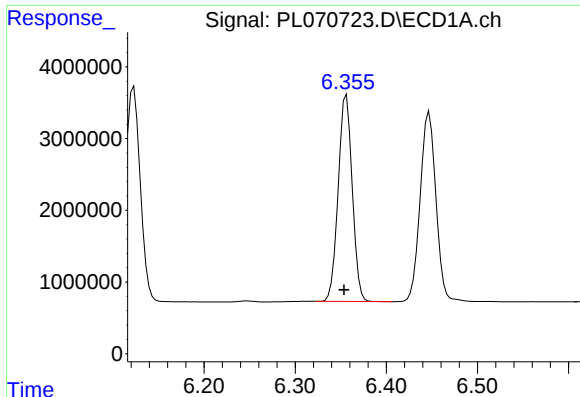
#6 beta-BHC

R.T.: 6.096 min
Delta R.T.: 0.002 min
Response: 16421995
Conc: 51.88 ng/ml



#6 beta-BHC

R.T.: 6.753 min
Delta R.T.: 0.003 min
Response: 42361440
Conc: 42.60 ng/ml



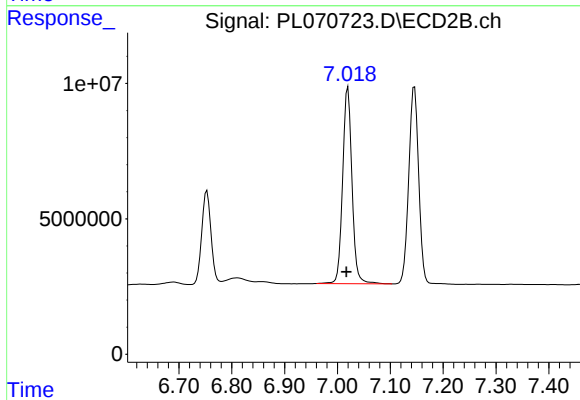
#7 delta-BHC

R.T.: 6.356 min
Delta R.T.: 0.003 min
Response: 30797329
Conc: 50.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140418BS

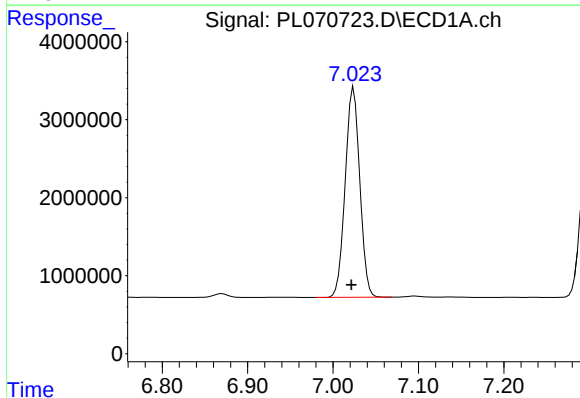
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/03/2021
Supervised By :mohammad ahmed 11/03/2021



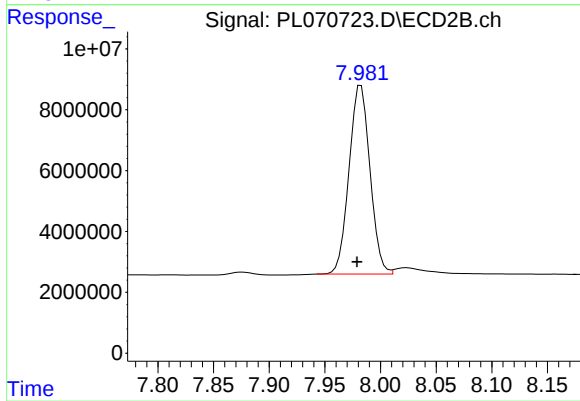
#7 delta-BHC

R.T.: 7.020 min
Delta R.T.: 0.003 min
Response: 89380605
Conc: 39.47 ng/ml



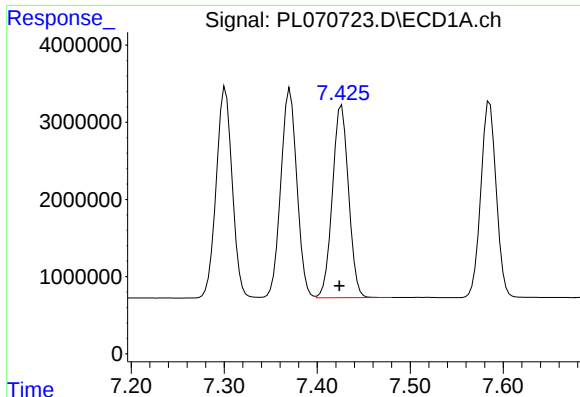
#8 Heptachlor epoxide

R.T.: 7.024 min
Delta R.T.: 0.003 min
Response: 31895411
Conc: 53.30 ng/ml



#8 Heptachlor epoxide

R.T.: 7.982 min
Delta R.T.: 0.003 min
Response: 81361945
Conc: 46.56 ng/ml



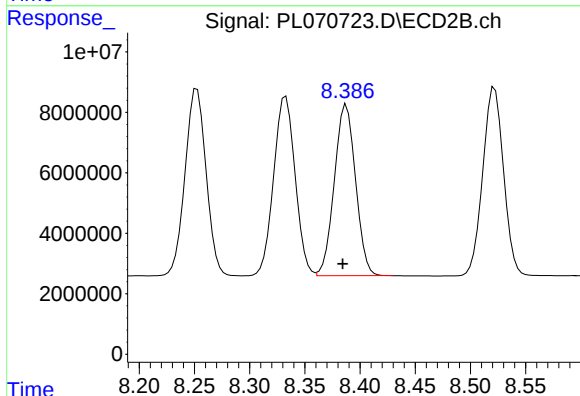
#9 Endosulfan I

R.T.: 7.426 min
Delta R.T.: 0.003 min
Response: 30137346
Conc: 53.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140418BS

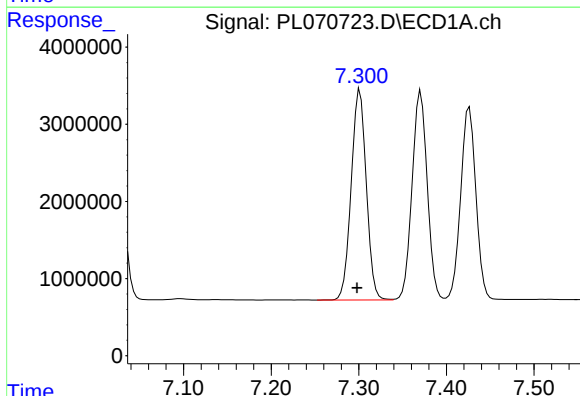
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/03/2021
Supervised By :mohammad ahmed 11/03/2021



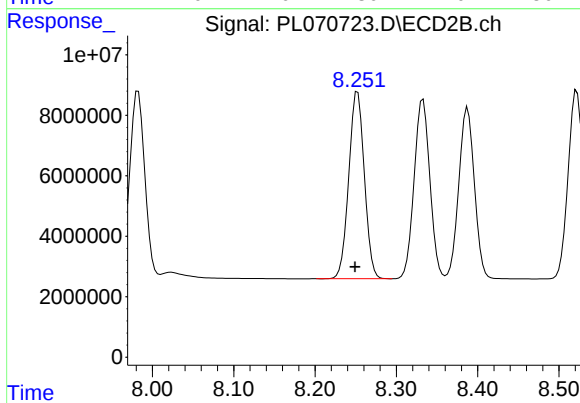
#9 Endosulfan I

R.T.: 8.388 min
Delta R.T.: 0.003 min
Response: 75721892
Conc: 44.95 ng/ml



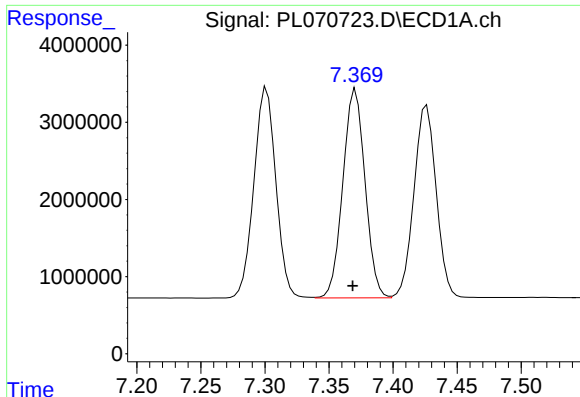
#10 gamma-Chlordane

R.T.: 7.301 min
Delta R.T.: 0.003 min
Response: 32639886
Conc: 53.80 ng/ml



#10 gamma-Chlordane

R.T.: 8.252 min
Delta R.T.: 0.003 min
Response: 82082057
Conc: 45.13 ng/ml



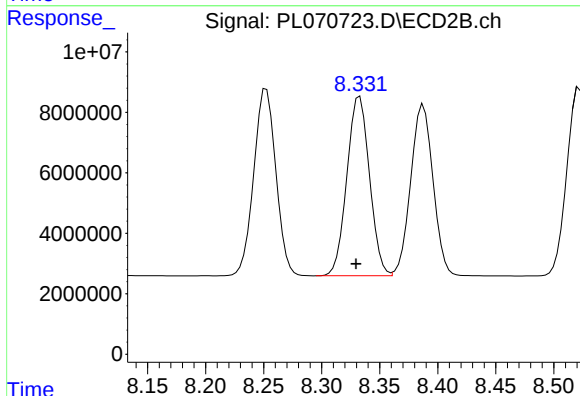
#11 alpha-Chlordane

R.T.: 7.371 min
Delta R.T.: 0.002 min
Response: 32541412
Conc: 53.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140418BS

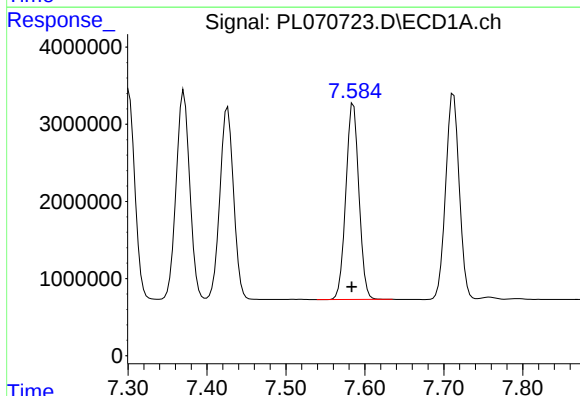
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/03/2021
Supervised By :mohammad ahmed 11/03/2021



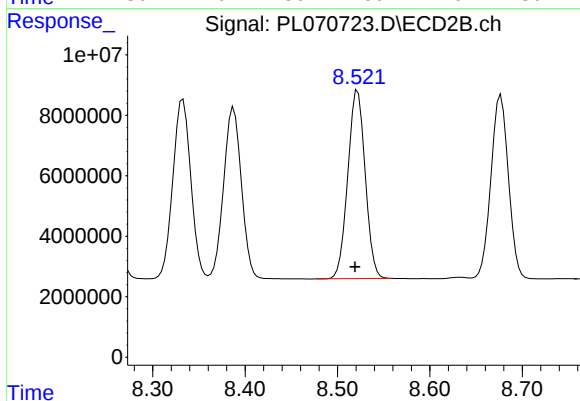
#11 alpha-Chlordane

R.T.: 8.333 min
Delta R.T.: 0.003 min
Response: 80385223
Conc: 45.13 ng/ml



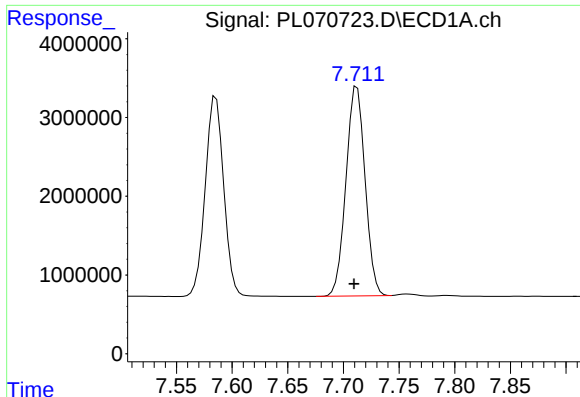
#12 4,4'-DDE

R.T.: 7.585 min
Delta R.T.: 0.002 min
Response: 29242112
Conc: 56.11 ng/ml



#12 4,4'-DDE

R.T.: 8.522 min
Delta R.T.: 0.003 min
Response: 81588506
Conc: 45.21 ng/ml



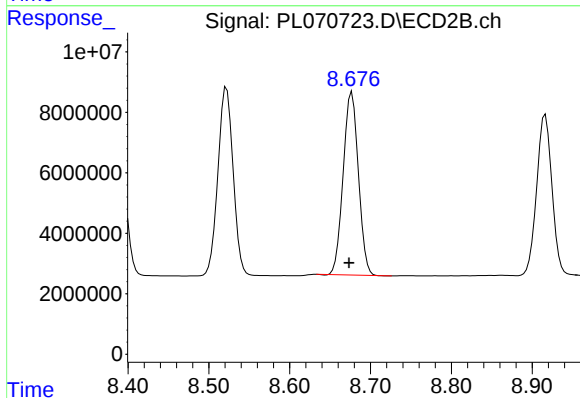
#13 Dieldrin

R.T.: 7.712 min
Delta R.T.: 0.003 min
Response: 31770877
Conc: 55.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140418BS

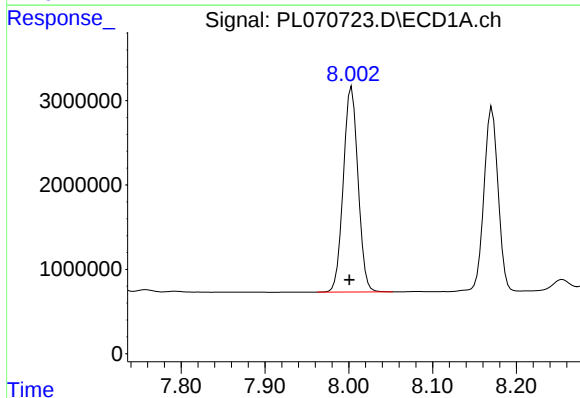
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/03/2021
Supervised By :mohammad ahmed 11/03/2021



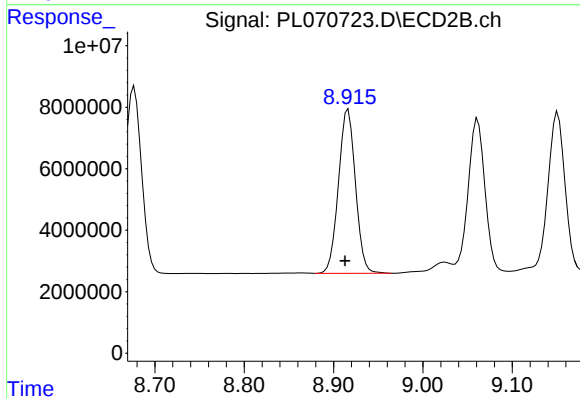
#13 Dieldrin

R.T.: 8.677 min
Delta R.T.: 0.003 min
Response: 79178160
Conc: 44.94 ng/ml



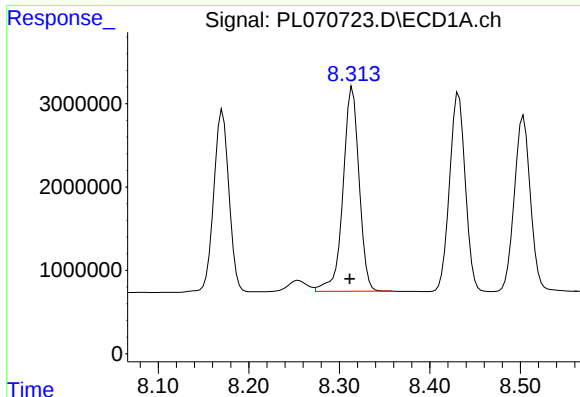
#14 Endrin

R.T.: 8.003 min
Delta R.T.: 0.003 min
Response: 29701241
Conc: 55.31 ng/ml



#14 Endrin

R.T.: 8.915 min
Delta R.T.: 0.002 min
Response: 70453643
Conc: 46.52 ng/ml m



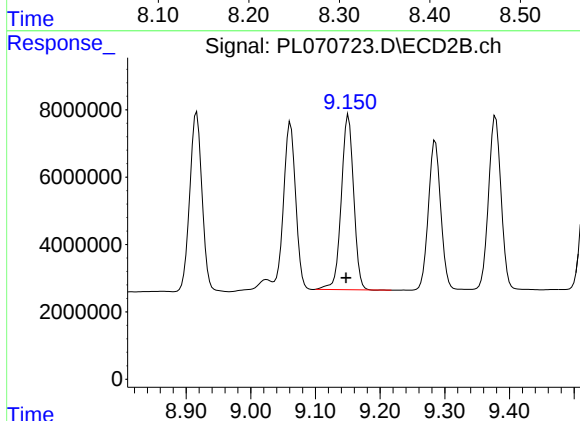
#15 Endosulfan II

R.T.: 8.315 min
Delta R.T.: 0.003 min
Response: 30319255
Conc: 53.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140418BS

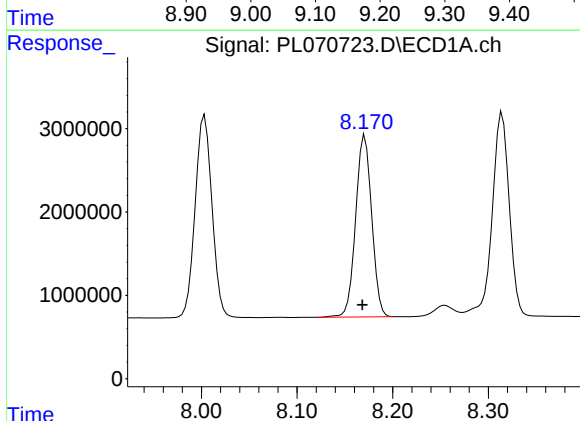
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/03/2021
Supervised By :mohammad ahmed 11/03/2021



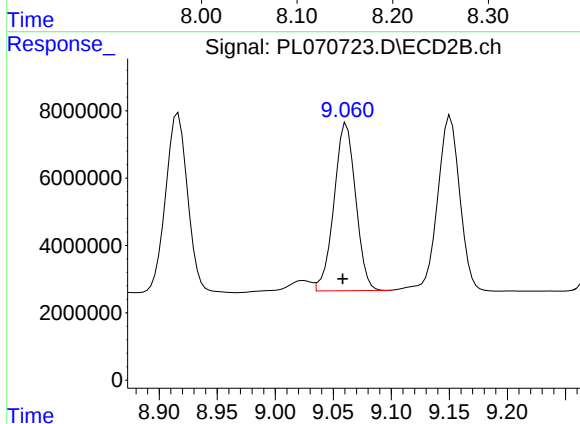
#15 Endosulfan II

R.T.: 9.151 min
Delta R.T.: 0.004 min
Response: 68926690
Conc: 46.04 ng/ml



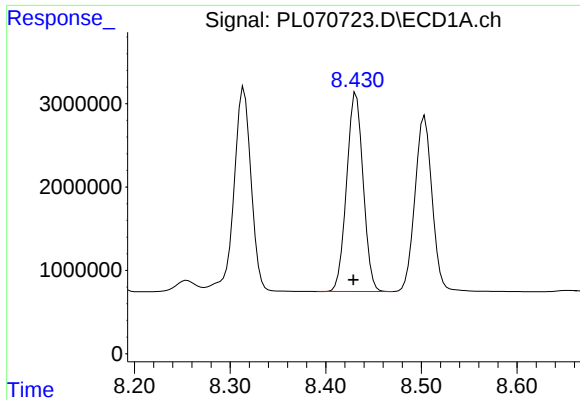
#16 4,4'-DDD

R.T.: 8.171 min
Delta R.T.: 0.003 min
Response: 25450310
Conc: 55.78 ng/ml



#16 4,4'-DDD

R.T.: 9.061 min
Delta R.T.: 0.003 min
Response: 64650013
Conc: 40.21 ng/ml



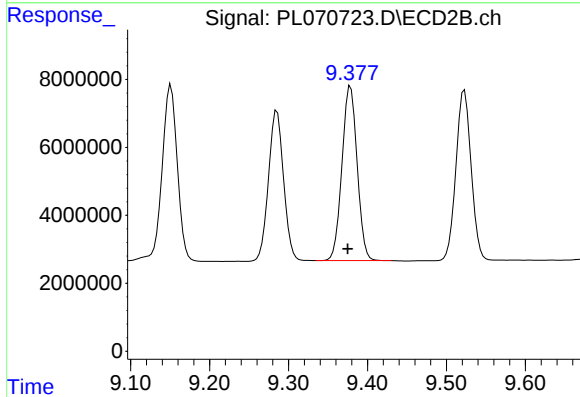
#17 4,4'-DDT

R.T.: 8.432 min
Delta R.T.: 0.003 min
Response: 28757166
Conc: 55.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140418BS

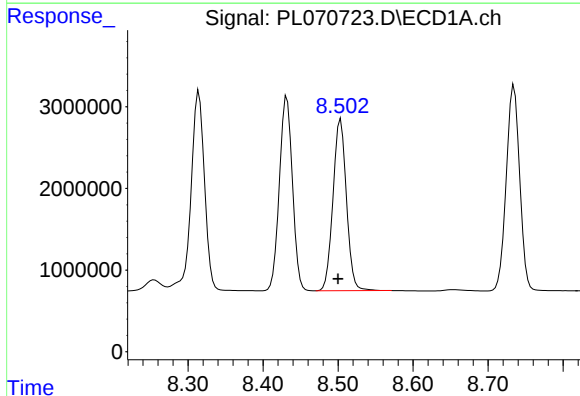
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/03/2021
Supervised By :mohammad ahmed 11/03/2021



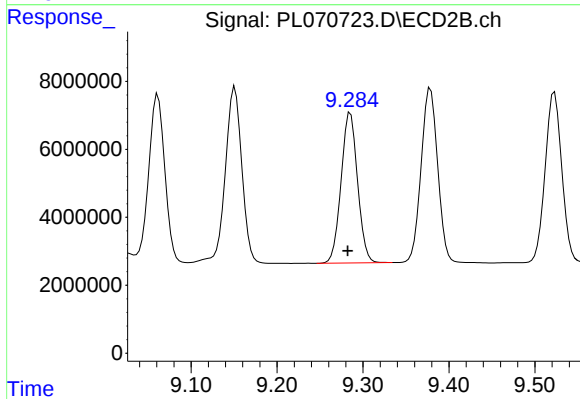
#17 4,4'-DDT

R.T.: 9.379 min
Delta R.T.: 0.004 min
Response: 68638143
Conc: 42.46 ng/ml



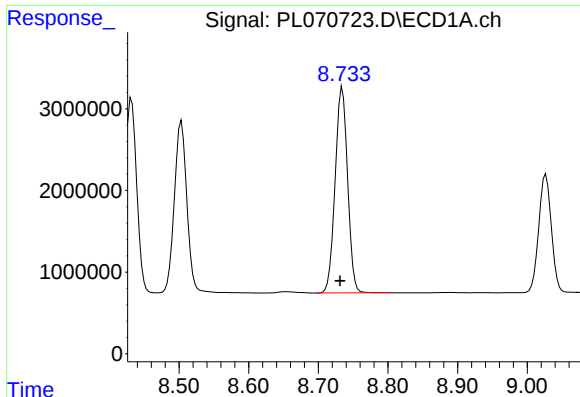
#18 Endrin aldehyde

R.T.: 8.504 min
Delta R.T.: 0.003 min
Response: 26192356
Conc: 61.40 ng/ml



#18 Endrin aldehyde

R.T.: 9.285 min
Delta R.T.: 0.003 min
Response: 58924216
Conc: 50.04 ng/ml



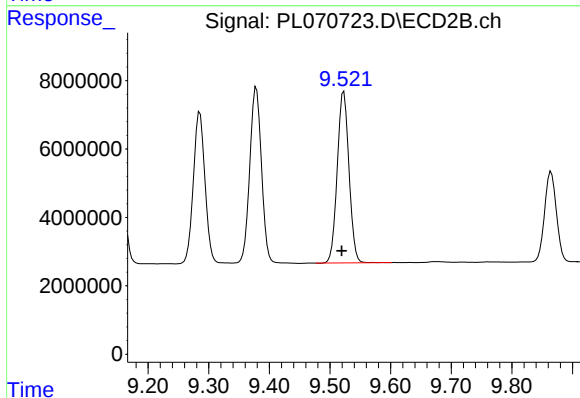
#19 Endosulfan Sulfate

R.T.: 8.735 min
Delta R.T.: 0.003 min
Response: 31337755
Conc: 55.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140418BS

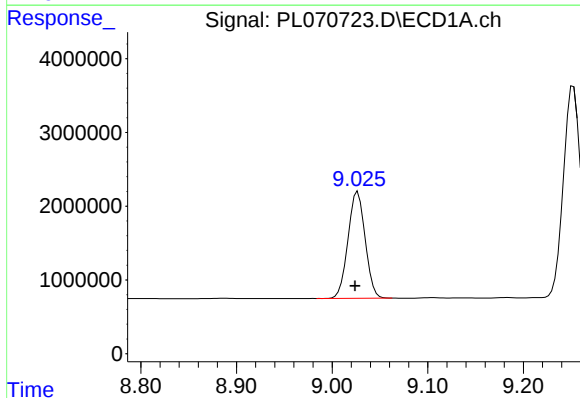
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/03/2021
Supervised By :mohammad ahmed 11/03/2021



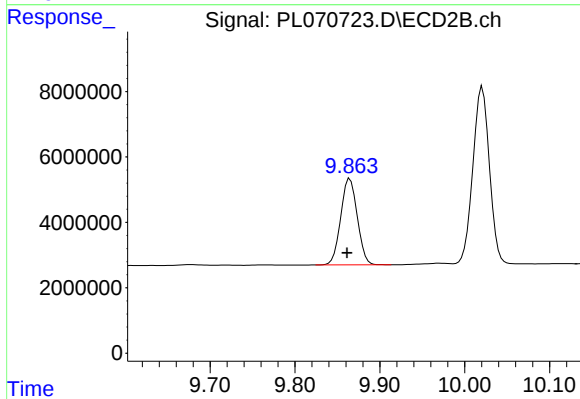
#19 Endosulfan Sulfate

R.T.: 9.523 min
Delta R.T.: 0.003 min
Response: 67244946
Conc: 44.86 ng/ml



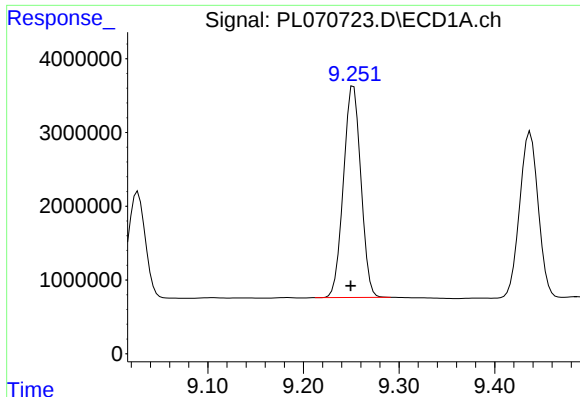
#20 Methoxychlor

R.T.: 9.027 min
Delta R.T.: 0.003 min
Response: 18136344
Conc: 54.59 ng/ml



#20 Methoxychlor

R.T.: 9.865 min
Delta R.T.: 0.003 min
Response: 35763860
Conc: 42.72 ng/ml



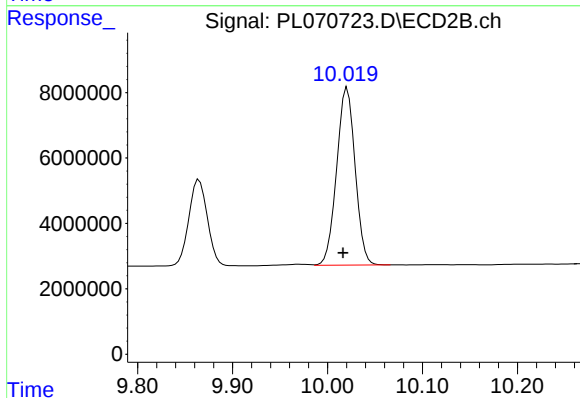
#21 Endrin ketone

R.T.: 9.252 min
Delta R.T.: 0.003 min
Response: 36451222
Conc: 57.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140418BS

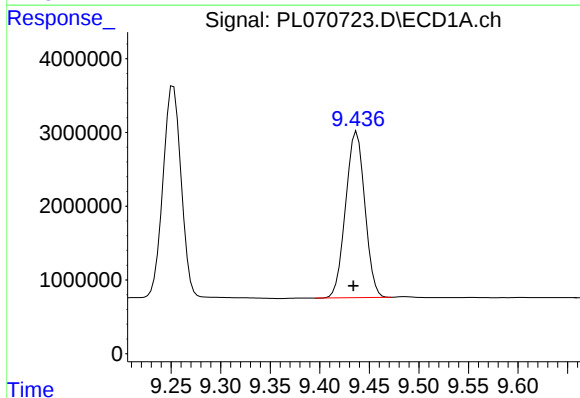
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/03/2021
Supervised By :mohammad ahmed 11/03/2021



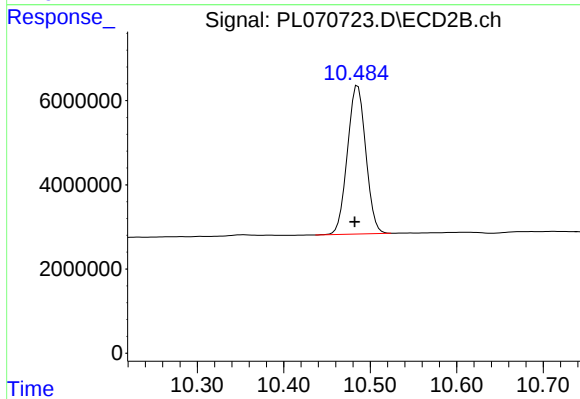
#21 Endrin ketone

R.T.: 10.021 min
Delta R.T.: 0.004 min
Response: 73486810
Conc: 44.97 ng/ml



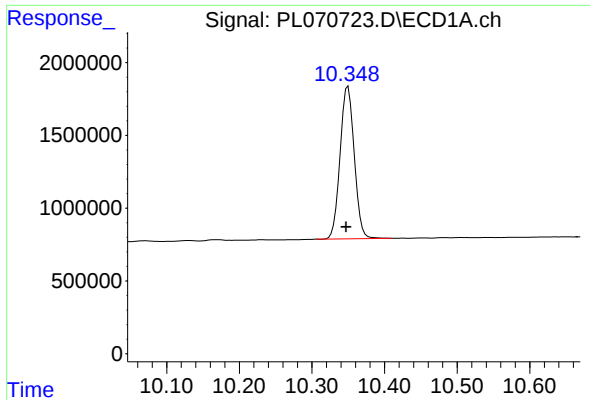
#22 Mirex

R.T.: 9.437 min
Delta R.T.: 0.004 min
Response: 30400846
Conc: 53.49 ng/ml



#22 Mirex

R.T.: 10.486 min
Delta R.T.: 0.003 min
Response: 51915004
Conc: 43.41 ng/ml



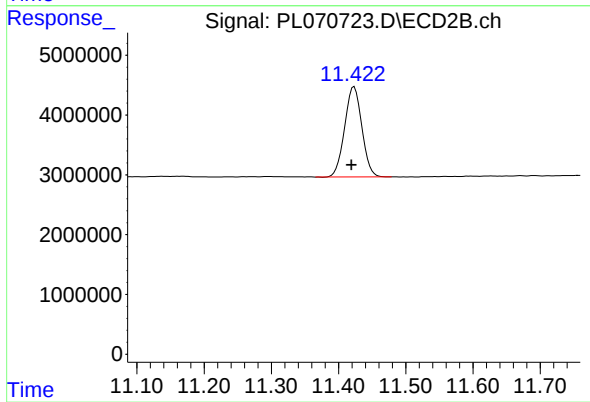
#28 Decachlorobiphenyl

R.T.: 10.350 min
Delta R.T.: 0.002 min
Response: 14188567
Conc: 23.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140418BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/03/2021
Supervised By :mohammad ahmed 11/03/2021



#28 Decachlorobiphenyl

R.T.: 11.423 min
Delta R.T.: 0.004 min
Response: 26819418
Conc: 18.76 ng/ml