

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040922\
 Data File : PL073916.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2022 16:28
 Operator : AR\AJ
 Sample : PB143981BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB143981BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/12/2022
 Supervised By : mohammad ahmed 04/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 11 00:21:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 08 15:48:40 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...	4.638	5.491	6655541	37591620	20.598	21.084
2) SA Decachlor...	10.414	11.336	11158932	38534439	21.458	21.816
Target Compounds						
2) A alpha-BHC	5.347	6.054	21585148	139.4E6	51.435	55.360
3) MA gamma-BHC...	5.770	6.444	21569436	130.7E6	51.429	55.226
4) MA Heptachlor	6.182	7.103	22832826	141.8E6	50.688	54.358
5) MB Aldrin	6.507	7.471	21358868	129.5E6	51.461	55.156
6) B beta-BHC	6.151	6.680	9922245	58731490	48.561	52.112
7) B delta-BHC	6.413	6.948	21334920	132.1E6	51.574	54.084
8) B Heptachlo...	7.084	7.927	22262810	121.8E6	51.902	54.100
9) A Endosulfan I	7.487	8.328	21305520	109.5E6	51.949	55.620
10) B gamma-Chl...	7.362	8.195	22592902	121.5E6	51.513	54.486m
11) B alpha-Chl...	7.431	8.277	22866193	119.0E6	51.760	55.271m
12) B 4,4'-DDE	7.646	8.463	19031080	111.1E6	52.166	55.779
13) MA Dieldrin	7.774	8.613	22149691	111.0E6	51.562	55.371
14) MA Endrin	8.065	8.847	21139848	94729777	52.039	55.932m
15) B Endosulfa...	8.376	9.072	20585877	90559988	49.946	52.129
16) A 4,4'-DDD	8.231	8.990	17229326	93407345	53.354	60.709
17) MA 4,4'-DDT	8.493	9.310	19361416	95508819	52.379	53.879
18) B Endrin al...	8.565	9.204	16716362	70769205	51.665	54.791
19) B Endosulfa...	8.796	9.443	22111390	89569911	51.780	53.818
20) A Methoxychlor	9.088	9.789	12744379	53935136	51.333	56.075
21) B Endrin ke...	9.316	9.931	25696513	95238089	52.597	55.021
22) Mirex	9.503	10.408	26953443	84029798	57.790	61.006

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040922\
 Data File : PL073916.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2022 16:28
 Operator : AR\AJ
 Sample : PB143981BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB143981BS

Manual Integrations

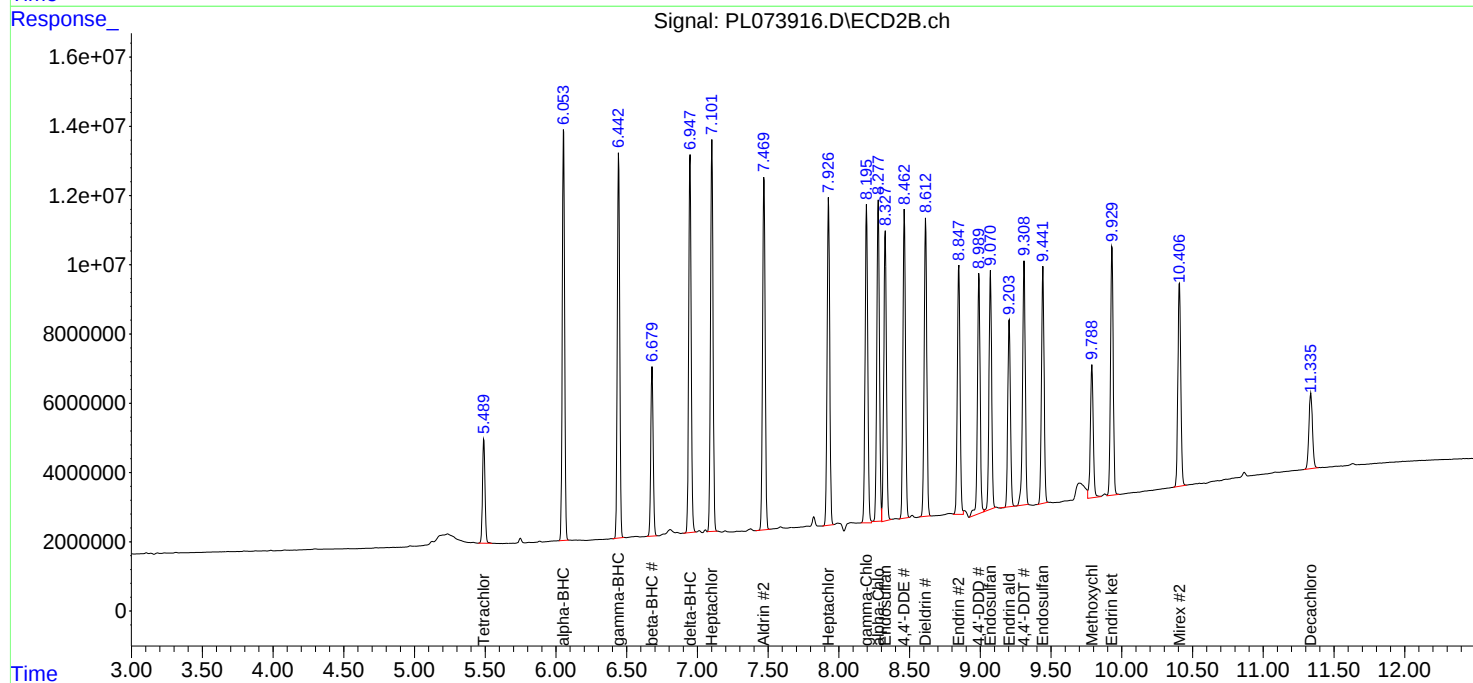
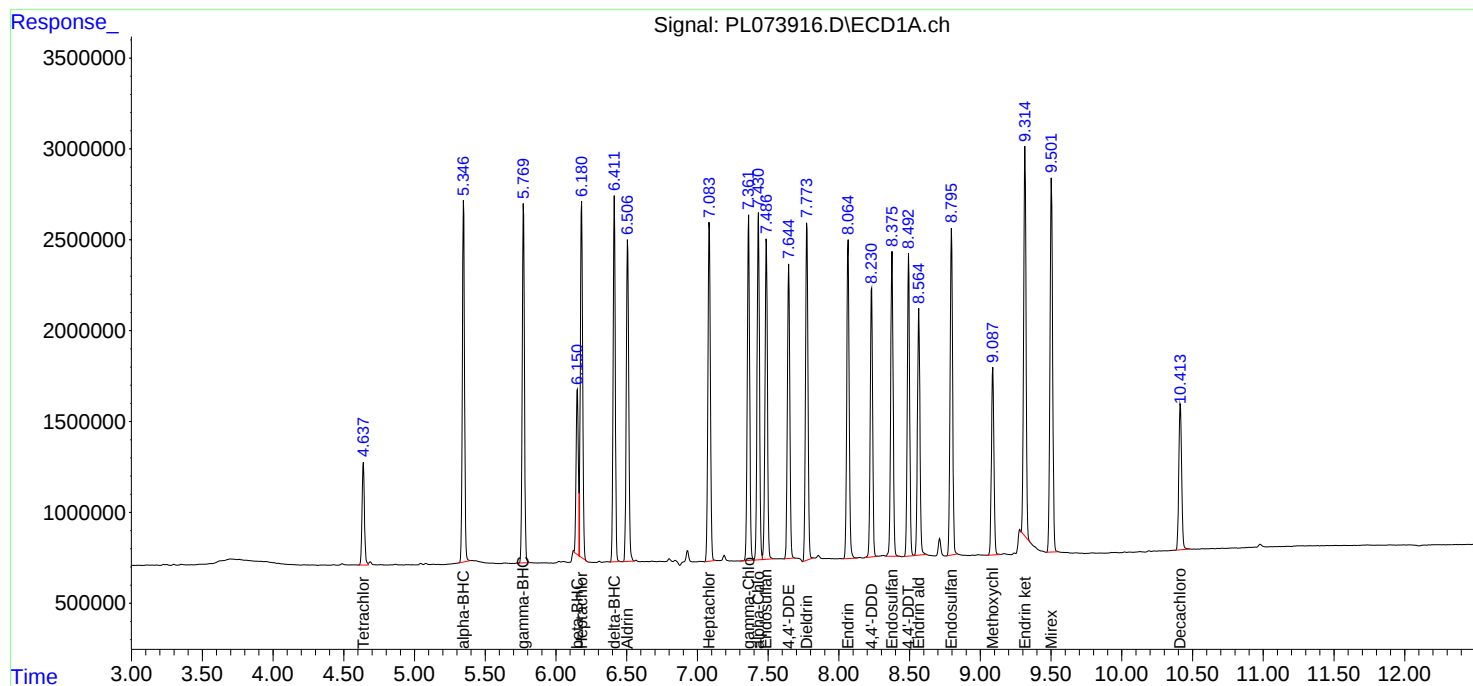
APPROVED

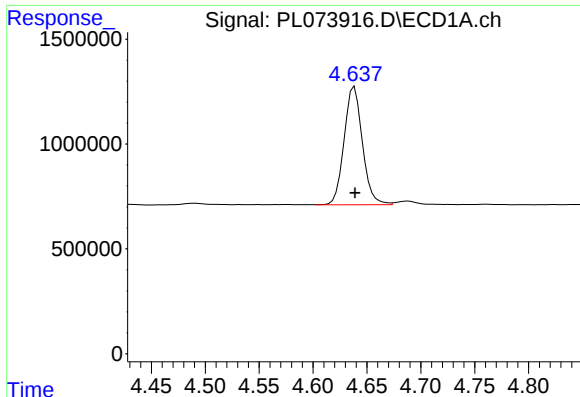
Reviewed By :Abdul Mirza 04/12/2022

Supervised By :mohammad ahmed 04/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 11 00:21:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 08 15:48:40 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





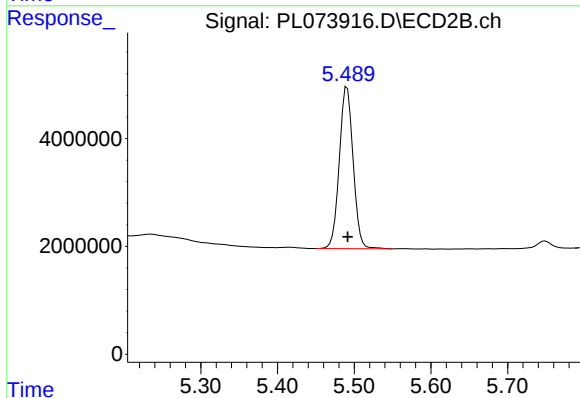
#1 Tetrachloro-m-xylene

R.T.: 4.638 min
Delta R.T.: 0.000 min
Response: 6655541
Conc: 20.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143981BS

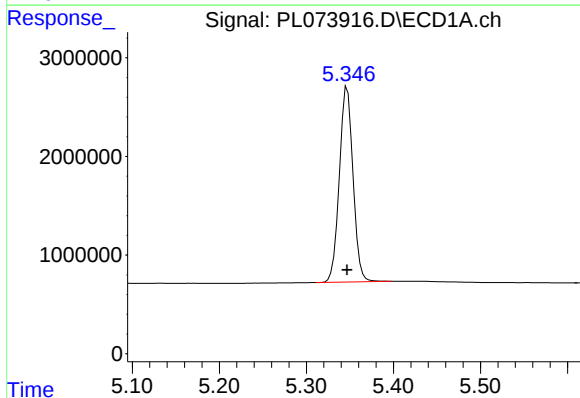
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/12/2022
Supervised By :mohammad ahmed 04/13/2022



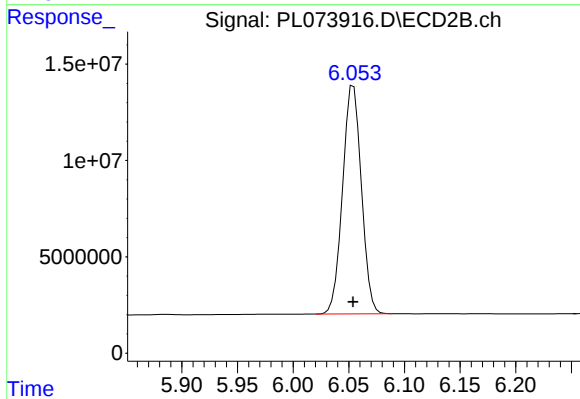
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 37591620
Conc: 21.08 ng/ml



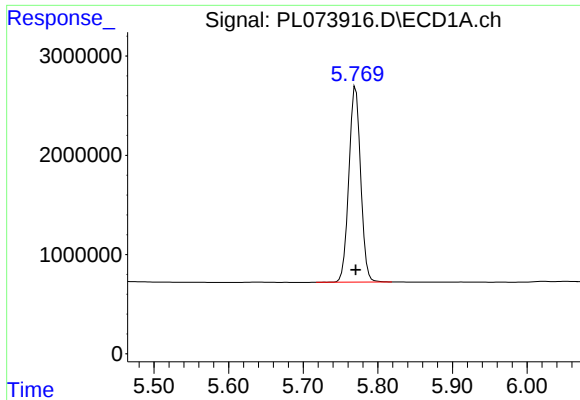
#2 alpha-BHC

R.T.: 5.347 min
Delta R.T.: 0.000 min
Response: 21585148
Conc: 51.43 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 139400563
Conc: 55.36 ng/ml



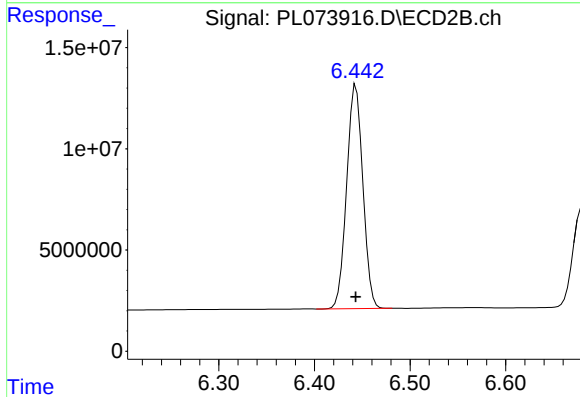
#3 gamma-BHC (Lindane)

R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 21569436
Conc: 51.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143981BS

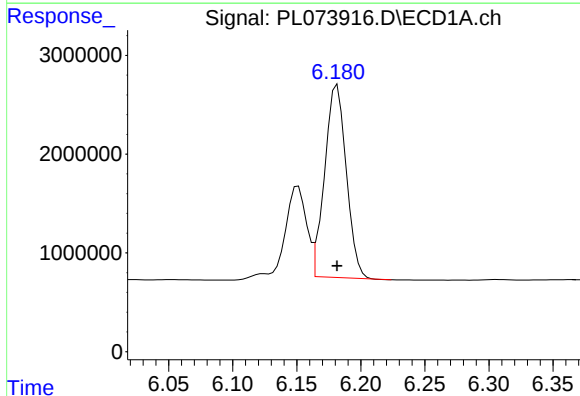
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/12/2022
Supervised By :mohammad ahmed 04/13/2022



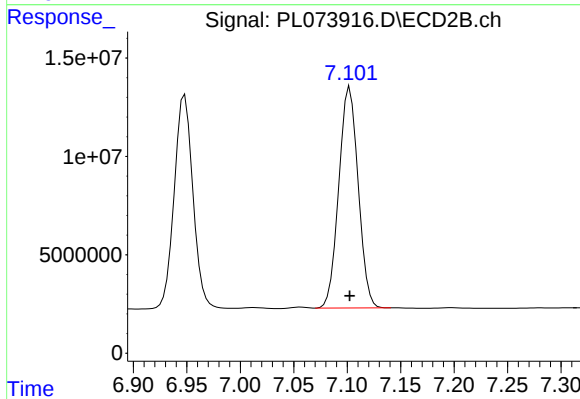
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 130726670
Conc: 55.23 ng/ml



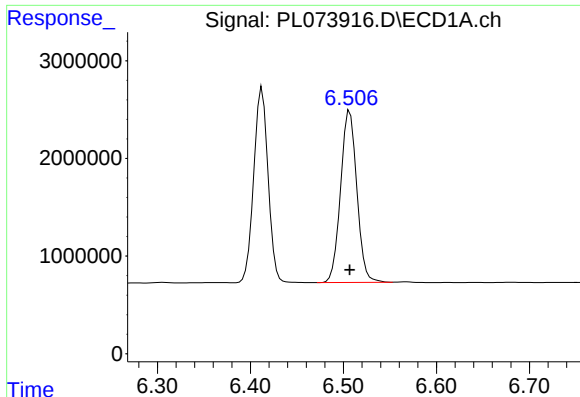
#4 Heptachlor

R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 22832826
Conc: 50.69 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 141788478
Conc: 54.36 ng/ml



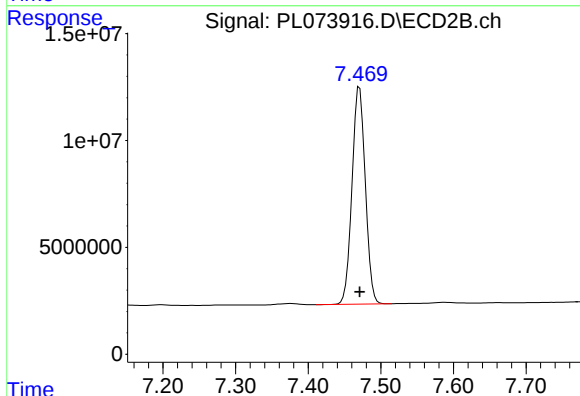
#5 Aldrin

R.T.: 6.507 min
Delta R.T.: 0.000 min
Response: 21358868
Conc: 51.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143981BS

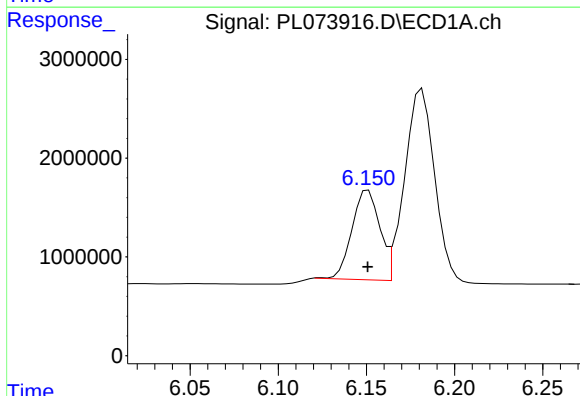
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/12/2022
Supervised By :mohammad ahmed 04/13/2022



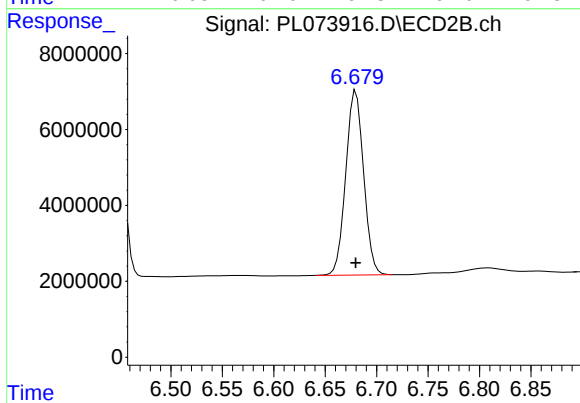
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 129540354
Conc: 55.16 ng/ml



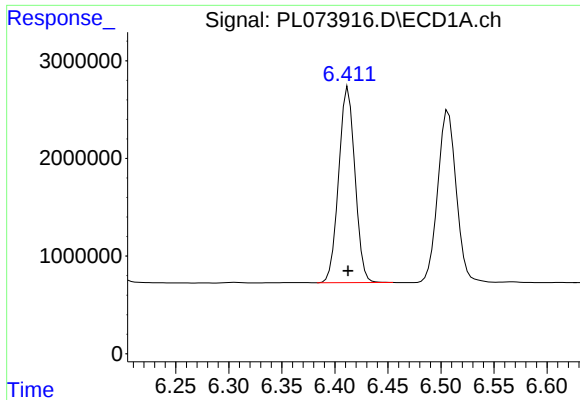
#6 beta-BHC

R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 9922245
Conc: 48.56 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 58731490
Conc: 52.11 ng/ml



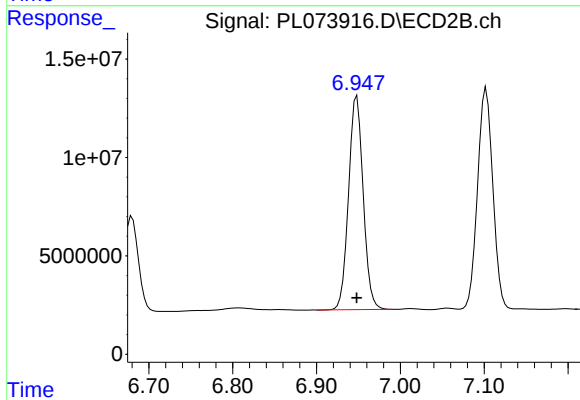
#7 delta-BHC

R.T.: 6.413 min
Delta R.T.: 0.000 min
Response: 21334920
Conc: 51.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143981BS

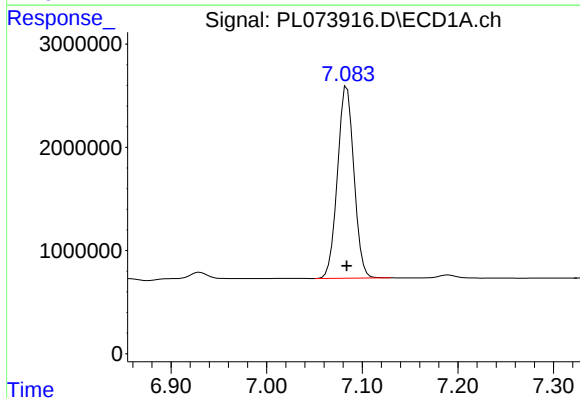
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/12/2022
Supervised By :mohammad ahmed 04/13/2022



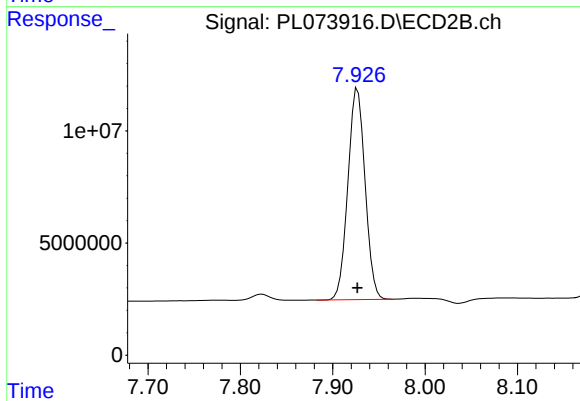
#7 delta-BHC

R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 132088862
Conc: 54.08 ng/ml



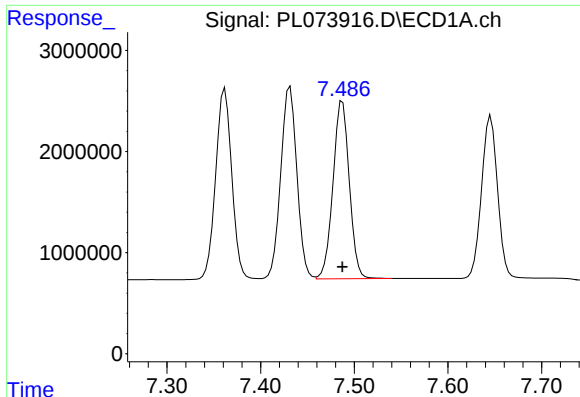
#8 Heptachlor epoxide

R.T.: 7.084 min
Delta R.T.: 0.000 min
Response: 22262810
Conc: 51.90 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 121809761
Conc: 54.10 ng/ml



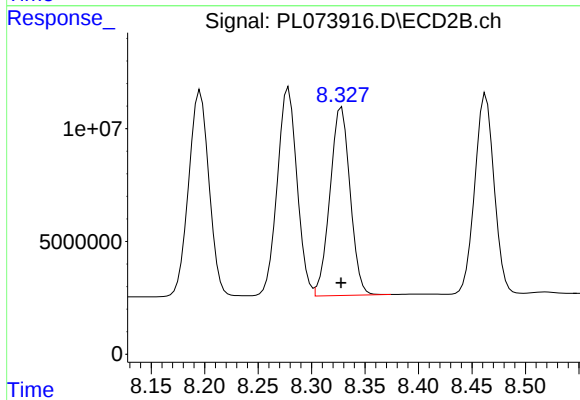
#9 Endosulfan I

R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 21305520
Conc: 51.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143981BS

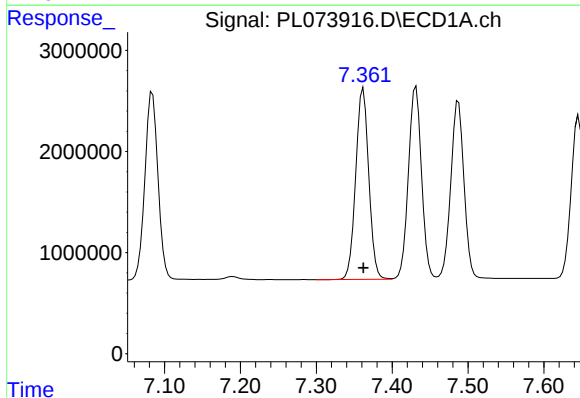
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/12/2022
Supervised By :mohammad ahmed 04/13/2022



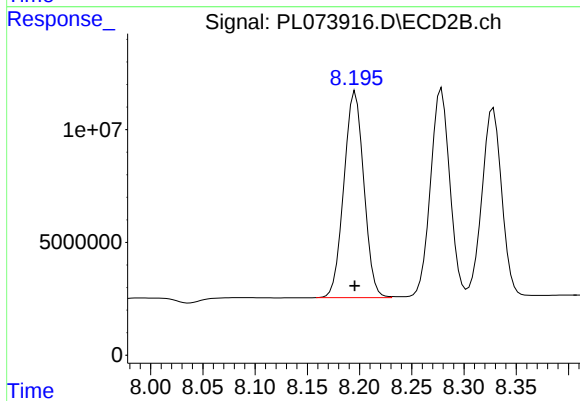
#9 Endosulfan I

R.T.: 8.328 min
Delta R.T.: 0.000 min
Response: 109496047
Conc: 55.62 ng/ml



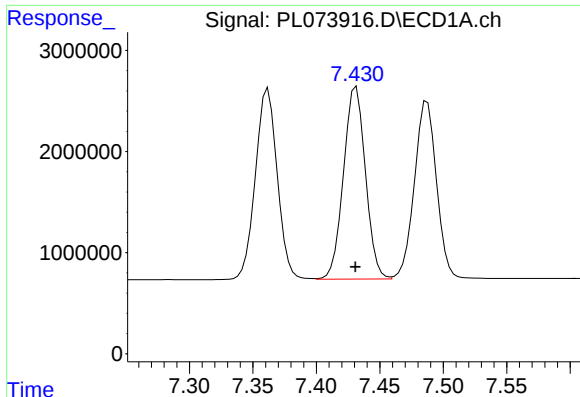
#10 gamma-Chlordane

R.T.: 7.362 min
Delta R.T.: 0.000 min
Response: 22592902
Conc: 51.51 ng/ml



#10 gamma-Chlordane

R.T.: 8.195 min
Delta R.T.: 0.000 min
Response: 121522160
Conc: 54.49 ng/ml m



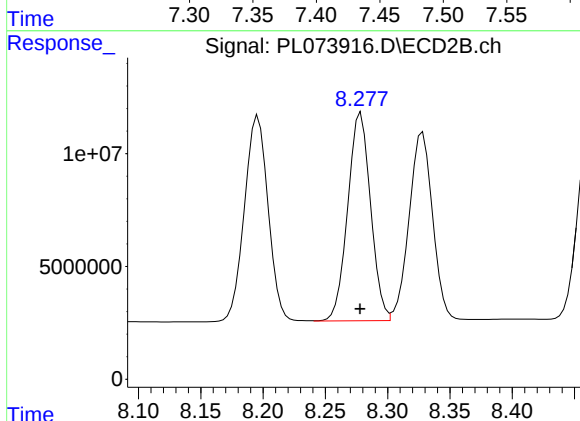
#11 alpha-Chlordane

R.T.: 7.431 min
Delta R.T.: 0.000 min
Response: 22866193
Conc: 51.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143981BS

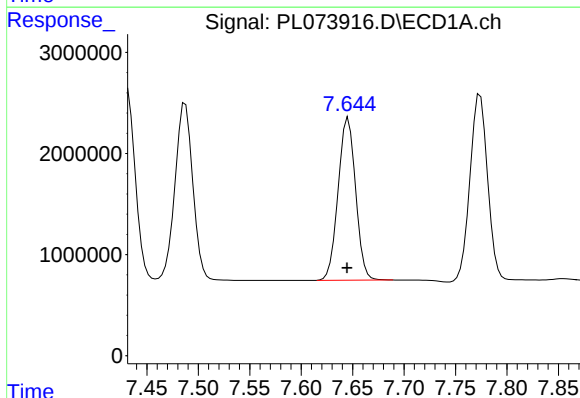
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/12/2022
Supervised By :mohammad ahmed 04/13/2022



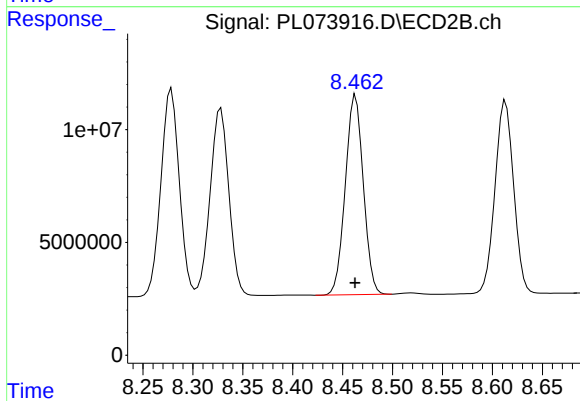
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 118974563
Conc: 55.27 ng/ml m



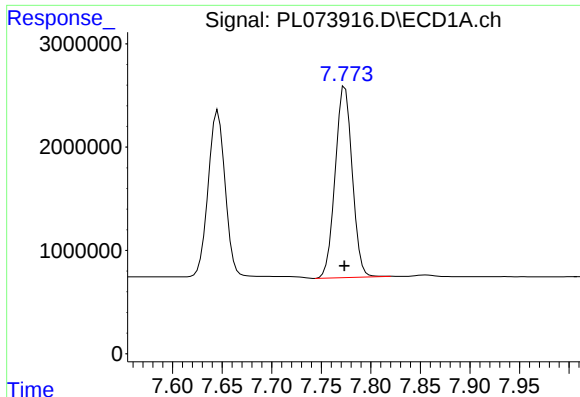
#12 4,4'-DDE

R.T.: 7.646 min
Delta R.T.: 0.001 min
Response: 19031080
Conc: 52.17 ng/ml



#12 4,4'-DDE

R.T.: 8.463 min
Delta R.T.: 0.000 min
Response: 111094482
Conc: 55.78 ng/ml



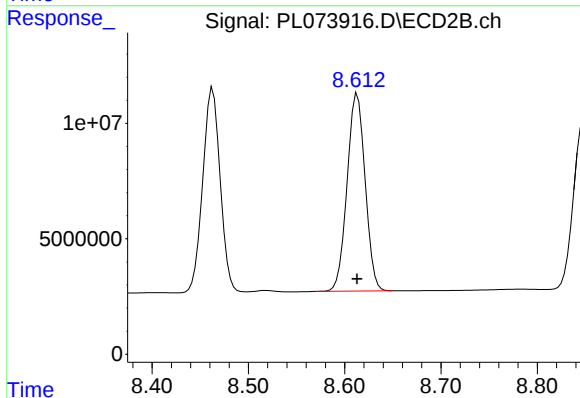
#13 Dieldrin

R.T.: 7.774 min
Delta R.T.: 0.000 min
Response: 22149691
Conc: 51.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143981BS

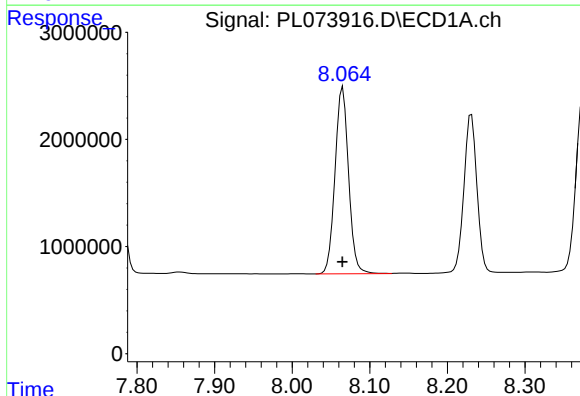
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/12/2022
Supervised By :mohammad ahmed 04/13/2022



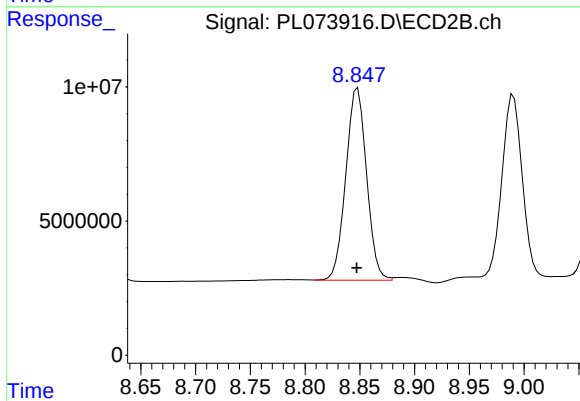
#13 Dieldrin

R.T.: 8.613 min
Delta R.T.: 0.000 min
Response: 111034991
Conc: 55.37 ng/ml



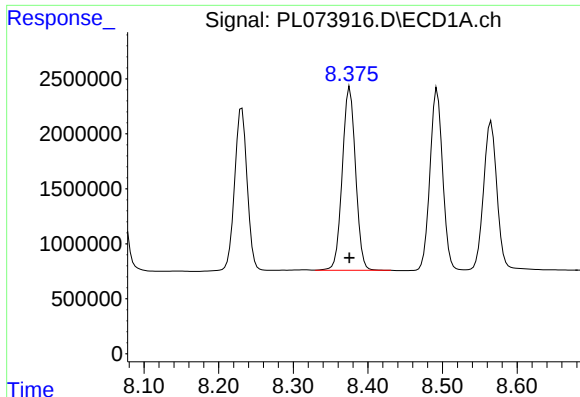
#14 Endrin

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 21139848
Conc: 52.04 ng/ml



#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.000 min
Response: 94729777
Conc: 55.93 ng/ml m



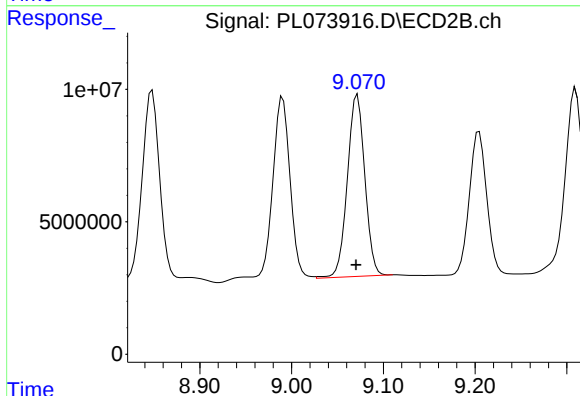
#15 Endosulfan II

R.T.: 8.376 min
Delta R.T.: 0.000 min
Response: 20585877
Conc: 49.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143981BS

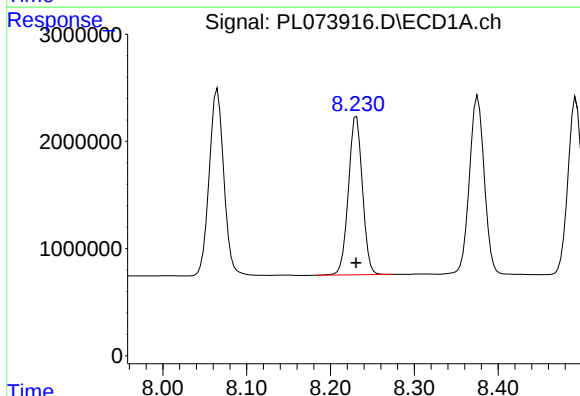
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/12/2022
Supervised By :mohammad ahmed 04/13/2022



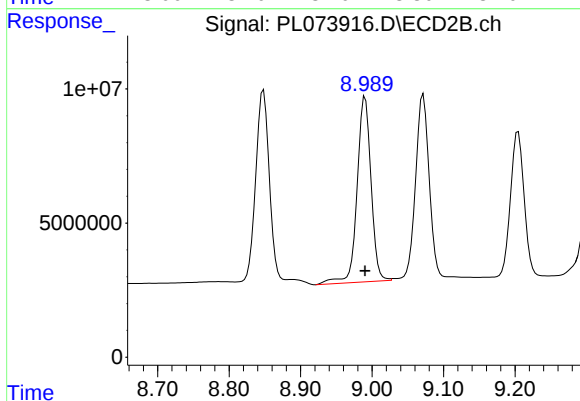
#15 Endosulfan II

R.T.: 9.072 min
Delta R.T.: 0.001 min
Response: 90559988
Conc: 52.13 ng/ml



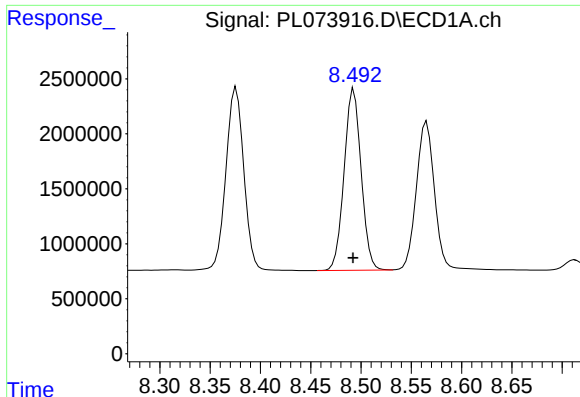
#16 4,4'-DDD

R.T.: 8.231 min
Delta R.T.: 0.000 min
Response: 17229326
Conc: 53.35 ng/ml



#16 4,4'-DDD

R.T.: 8.990 min
Delta R.T.: 0.000 min
Response: 93407345
Conc: 60.71 ng/ml



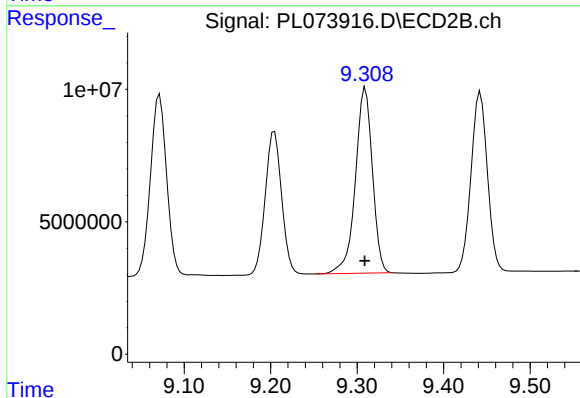
#17 4,4'-DDT

R.T.: 8.493 min
Delta R.T.: 0.000 min
Response: 19361416
Conc: 52.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143981BS

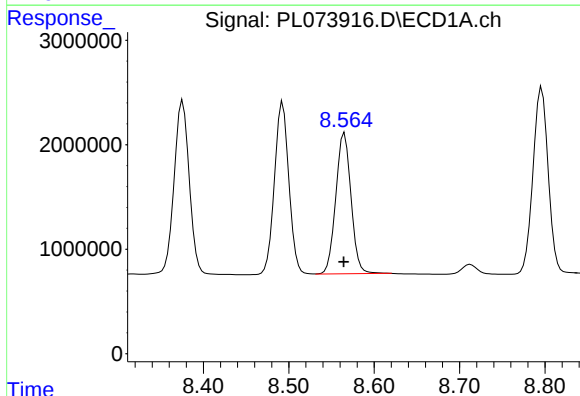
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/12/2022
Supervised By :mohammad ahmed 04/13/2022



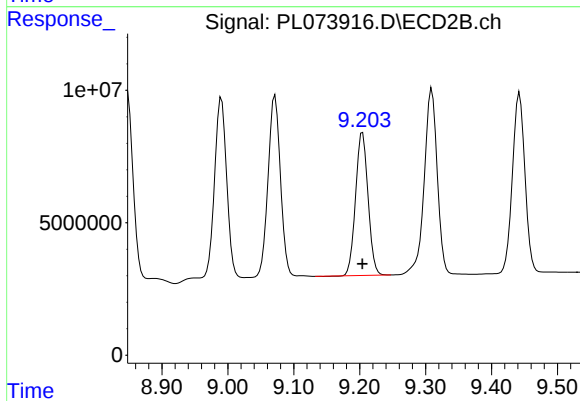
#17 4,4'-DDT

R.T.: 9.310 min
Delta R.T.: 0.000 min
Response: 95508819
Conc: 53.88 ng/ml



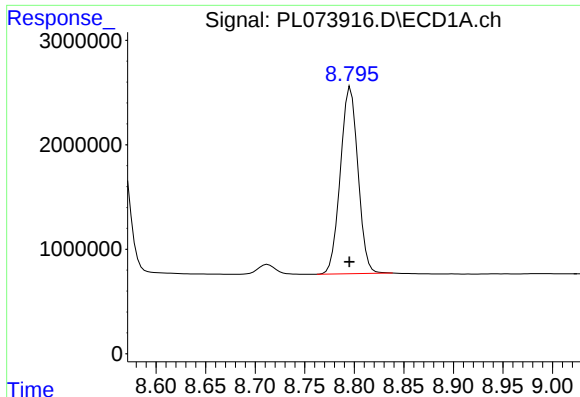
#18 Endrin aldehyde

R.T.: 8.565 min
Delta R.T.: 0.000 min
Response: 16716362
Conc: 51.66 ng/ml



#18 Endrin aldehyde

R.T.: 9.204 min
Delta R.T.: 0.000 min
Response: 70769205
Conc: 54.79 ng/ml



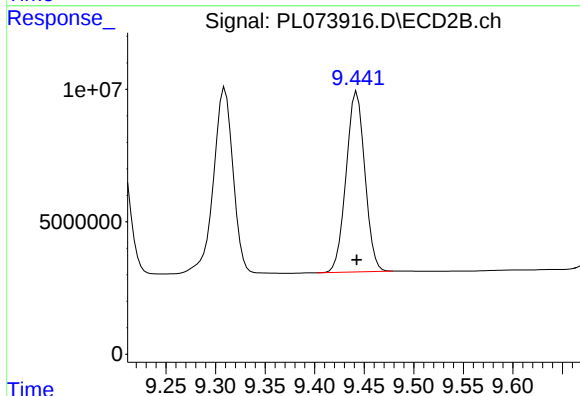
#19 Endosulfan Sulfate

R.T.: 8.796 min
Delta R.T.: 0.001 min
Response: 22111390
Conc: 51.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143981BS

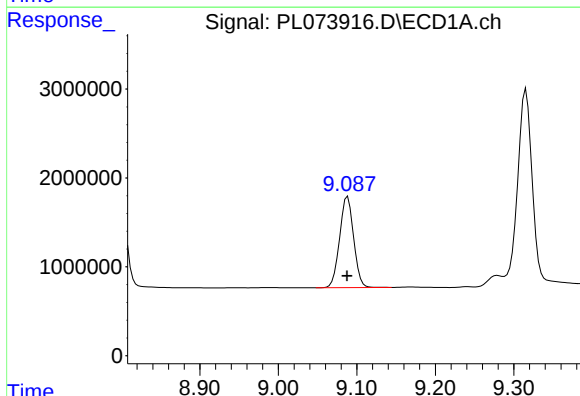
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/12/2022
Supervised By :mohammad ahmed 04/13/2022



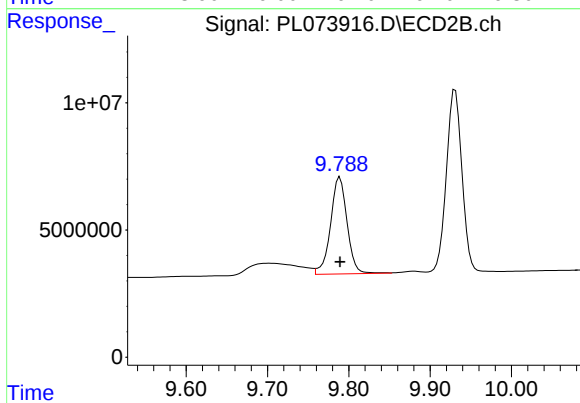
#19 Endosulfan Sulfate

R.T.: 9.443 min
Delta R.T.: 0.000 min
Response: 89569911
Conc: 53.82 ng/ml



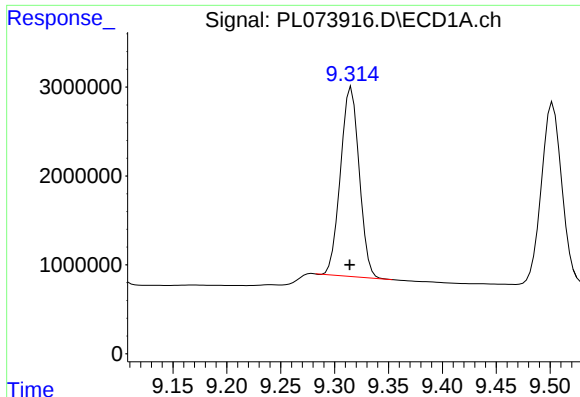
#20 Methoxychlor

R.T.: 9.088 min
Delta R.T.: 0.000 min
Response: 12744379
Conc: 51.33 ng/ml



#20 Methoxychlor

R.T.: 9.789 min
Delta R.T.: 0.000 min
Response: 53935136
Conc: 56.07 ng/ml



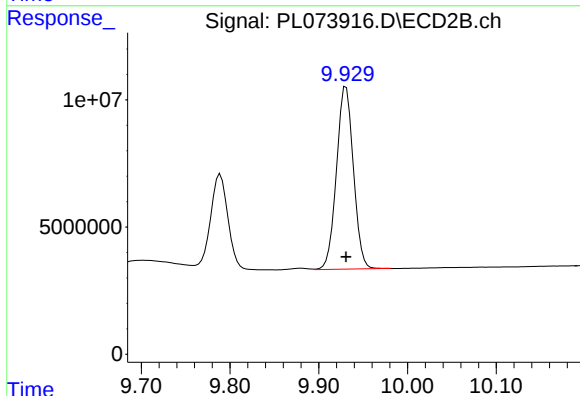
#21 Endrin ketone

R.T.: 9.316 min
Delta R.T.: 0.001 min
Response: 25696513
Conc: 52.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143981BS

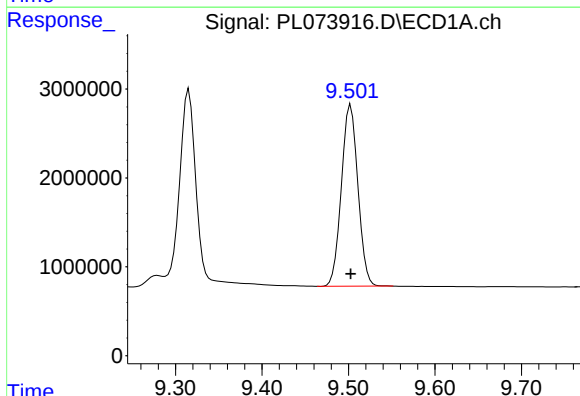
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/12/2022
Supervised By :mohammad ahmed 04/13/2022



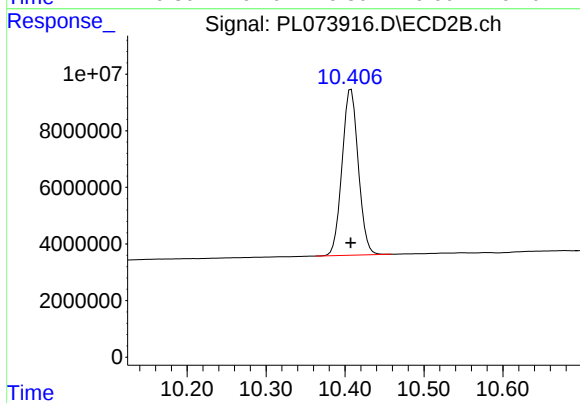
#21 Endrin ketone

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 95238089
Conc: 55.02 ng/ml



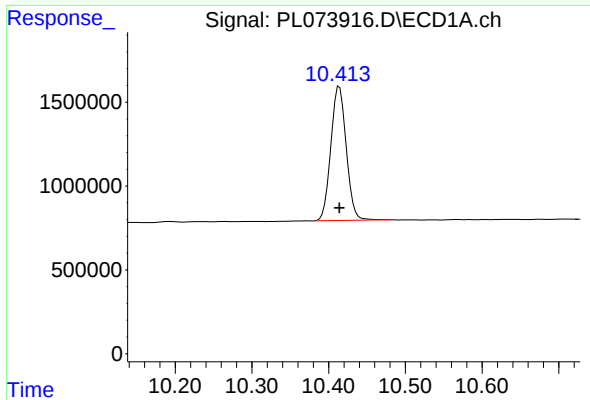
#22 Mirex

R.T.: 9.503 min
Delta R.T.: 0.000 min
Response: 26953443
Conc: 57.79 ng/ml



#22 Mirex

R.T.: 10.408 min
Delta R.T.: 0.000 min
Response: 84029798
Conc: 61.01 ng/ml



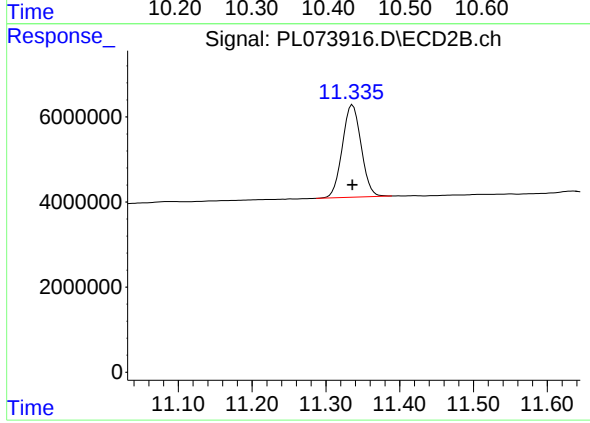
#28 Decachlorobiphenyl

R.T.: 10.414 min
Delta R.T.: 0.000 min
Response: 11158932
Conc: 21.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143981BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/12/2022
Supervised By :mohammad ahmed 04/13/2022



#28 Decachlorobiphenyl

R.T.: 11.336 min
Delta R.T.: 0.000 min
Response: 38534439
Conc: 21.82 ng/ml