

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022822\
 Data File : PL073021.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2022 11:21
 Operator : AR\AJ
 Sample : PB142923BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB142923BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/01/2022
 Supervised By :Ankita Jodhani 03/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 01 02:20:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022622.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 28 02:28:04 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...	4.656	5.487	5717322	26864636	17.841	18.512
28)	SA Decachlor...	10.433	11.327	9368729	31272161	20.016	19.823
Target Compounds							
2)	A alpha-BHC	5.365	6.050	18728855	92932929	44.444	47.119
3)	MA gamma-BHC...	5.789	6.440	19133354	87271721	43.269	46.677
4)	MA Heptachlor	6.200	7.099	20528090	91140579	44.723m	45.593
5)	MB Aldrin	6.526	7.467	20172641	88289997	45.486	48.243
6)	B beta-BHC	6.167	6.675	9224315	39698707	41.420	44.022
7)	B delta-BHC	6.429	6.943	18902993	85863174	43.287	45.369
8)	B Heptachlo...	7.101	7.923	20539201	81543426	44.085m	46.325
9)	A Endosulfan I	7.506	8.323	19234321	74089357	43.364	45.737
10)	B gamma-Chl...	7.380	8.191	20953273	83069806	44.123	46.519
11)	B alpha-Chl...	7.450	8.274	21092152	81982377	44.070	46.566
12)	B 4,4'-DDE	7.664	8.458	17397780	73308077	44.760	46.886
13)	MA Dieldrin	7.792	8.609	20727954	77710156	46.256	48.115
14)	MA Endrin	8.082	8.843	18826862	63768923	47.414	48.173
15)	B Endosulfa...	8.394	9.066	19904033	68798131	45.891	49.714
16)	A 4,4'-DDD	8.249	8.985	15740387	60100504	45.195	45.193
17)	MA 4,4'-DDT	8.511	9.303	17618026	63873198	46.297	46.566
18)	B Endrin al...	8.582	9.199	15840017	55353191	49.340	50.867
19)	B Endosulfa...	8.812	9.436	19829702	66283834	45.111	46.751
20)	A Methoxychlor	9.107	9.784	11377610	37519111	45.553	47.923
21)	B Endrin ke...	9.331	9.925	22964128	69872758	46.321	47.655
22)	Mirex	9.521	10.402	23765198	65131589	42.120	44.350

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022822\
 Data File : PL073021.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2022 11:21
 Operator : AR\AJ
 Sample : PB142923BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB142923BS

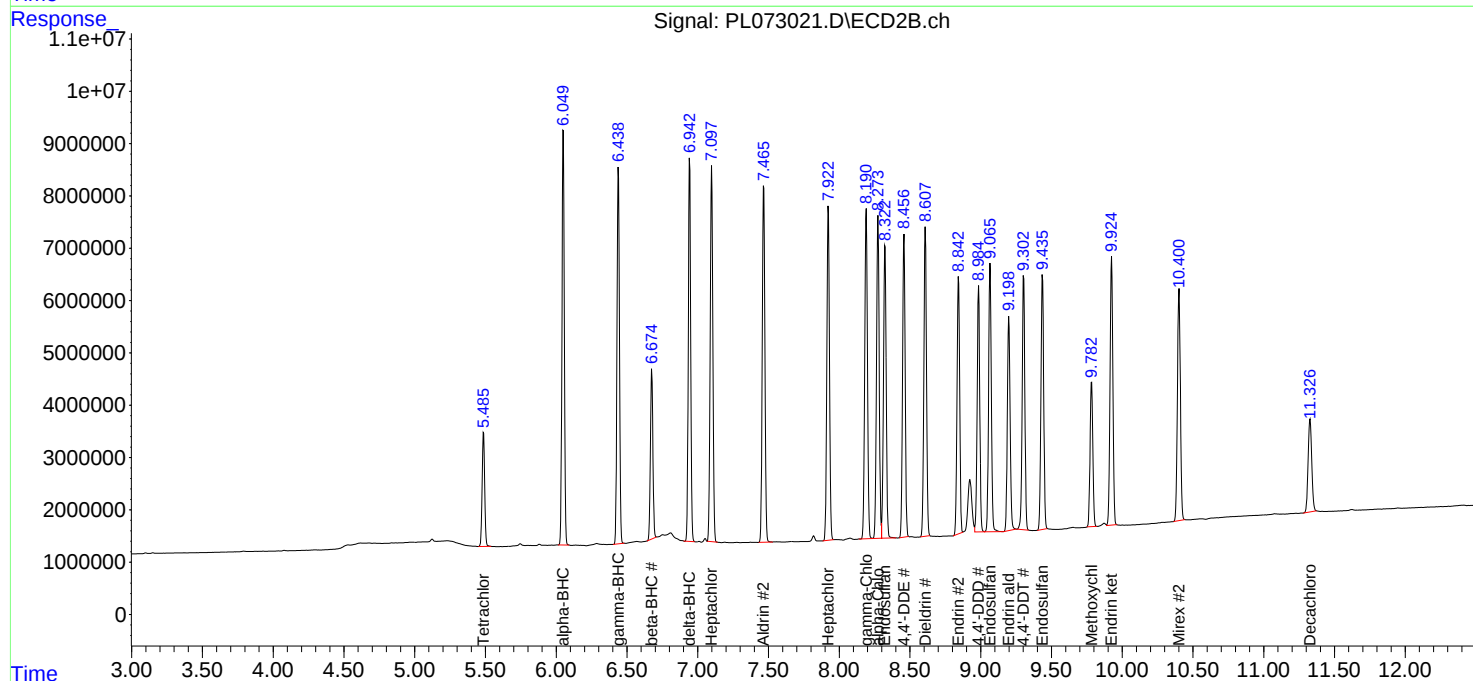
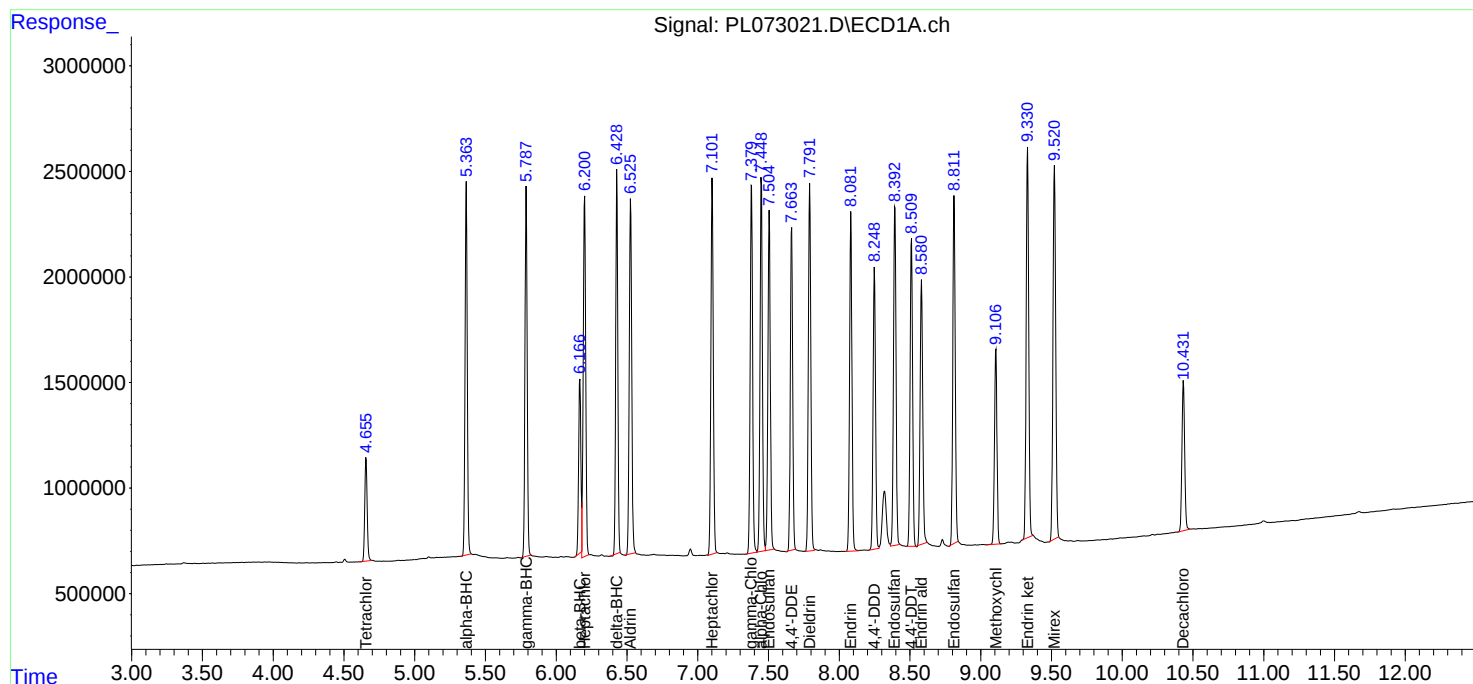
Manual Integrations

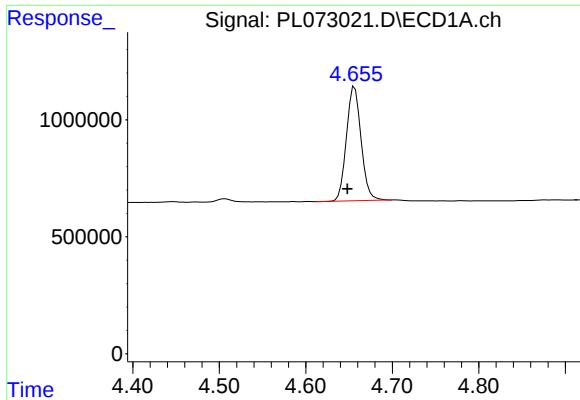
APPROVED

Reviewed By :Abdul Mirza 03/01/2022
 Supervised By :Ankita Jodhani 03/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 01 02:20:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022622.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 28 02:28:04 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





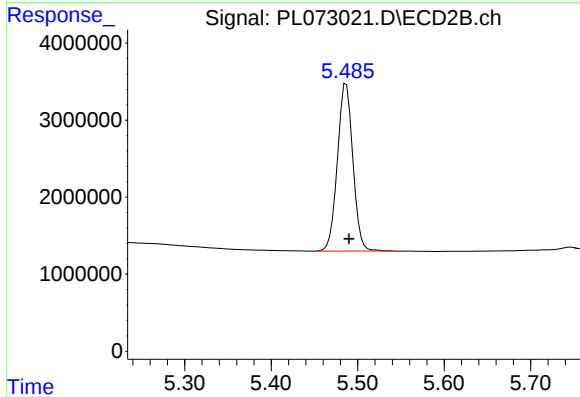
#1 Tetrachloro-m-xylene

R.T.: 4.656 min
Delta R.T.: 0.008 min
Response: 5717322
Conc: 17.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142923BS

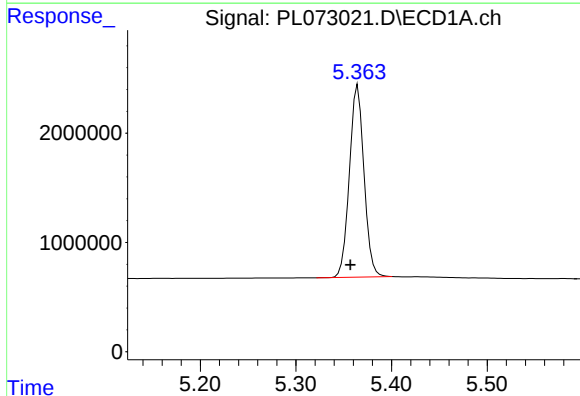
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/01/2022
Supervised By :Ankita Jodhani 03/01/2022



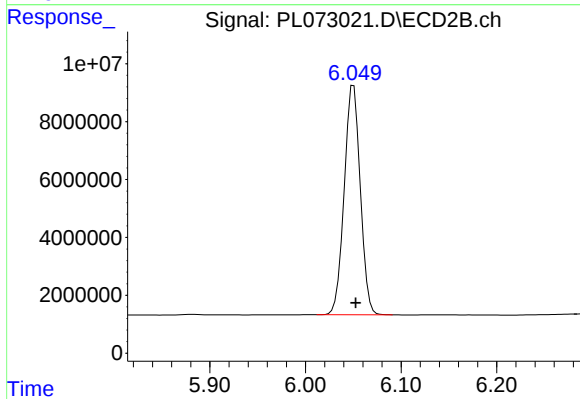
#1 Tetrachloro-m-xylene

R.T.: 5.487 min
Delta R.T.: -0.003 min
Response: 26864636
Conc: 18.51 ng/ml



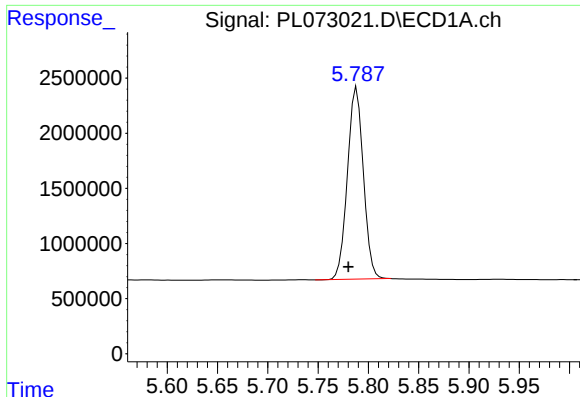
#2 alpha-BHC

R.T.: 5.365 min
Delta R.T.: 0.008 min
Response: 18728855
Conc: 44.44 ng/ml



#2 alpha-BHC

R.T.: 6.050 min
Delta R.T.: -0.002 min
Response: 92932929
Conc: 47.12 ng/ml



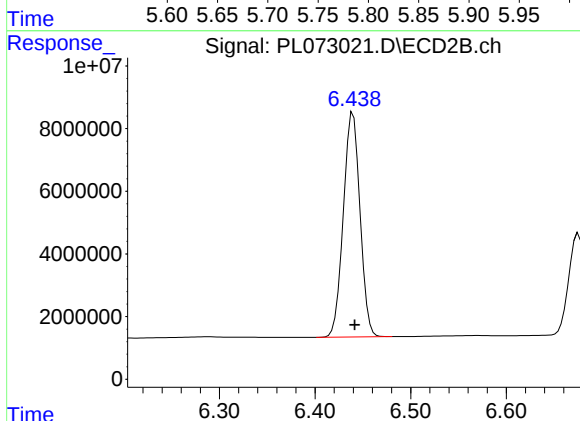
#3 gamma-BHC (Lindane)

R.T.: 5.789 min
Delta R.T.: 0.008 min
Response: 19133354
Conc: 43.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142923BS

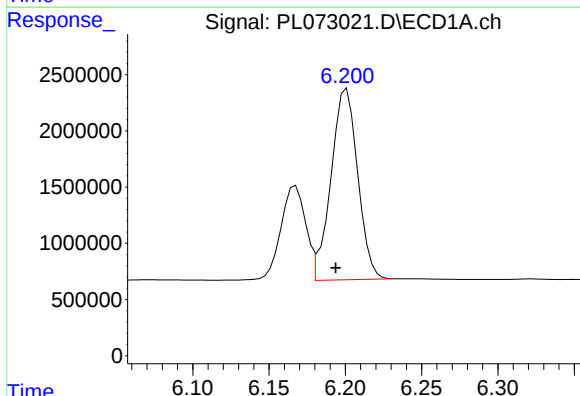
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/01/2022
Supervised By :Ankita Jodhani 03/01/2022



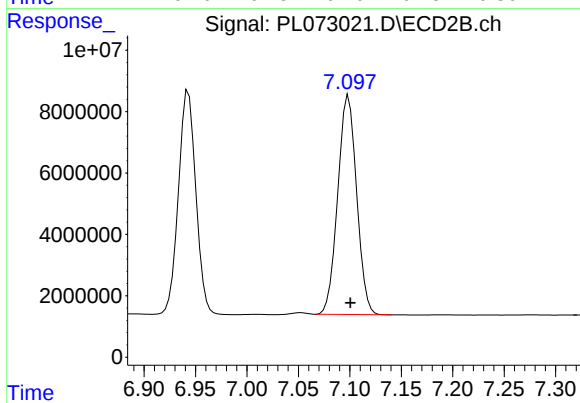
#3 gamma-BHC (Lindane)

R.T.: 6.440 min
Delta R.T.: -0.002 min
Response: 87271721
Conc: 46.68 ng/ml



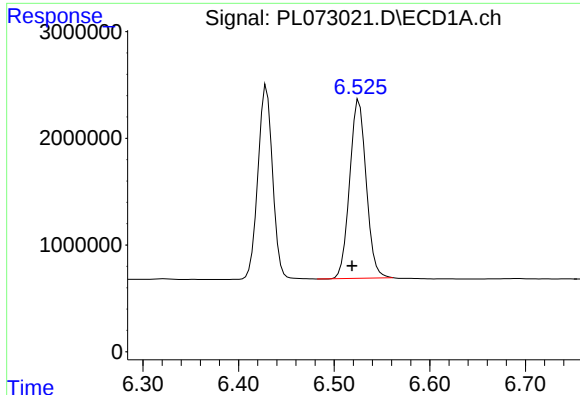
#4 Heptachlor

R.T.: 6.200 min
Delta R.T.: 0.006 min
Response: 20528090
Conc: 44.72 ng/ml m



#4 Heptachlor

R.T.: 7.099 min
Delta R.T.: -0.002 min
Response: 91140579
Conc: 45.59 ng/ml



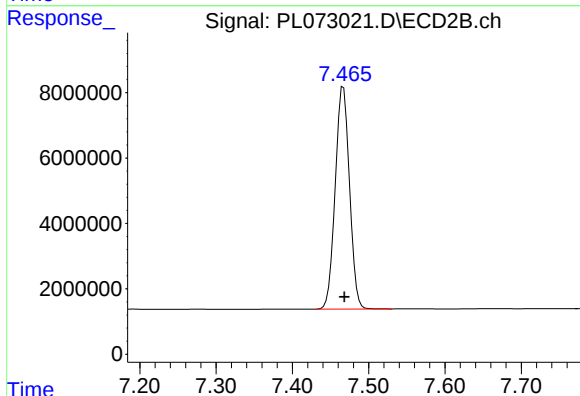
#5 Aldrin

R.T.: 6.526 min
Delta R.T.: 0.007 min
Response: 20172641
Conc: 45.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142923BS

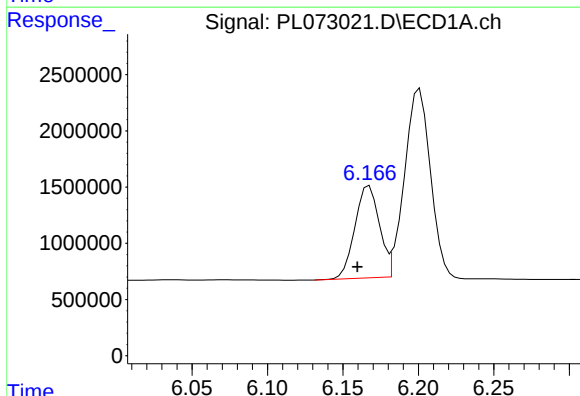
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/01/2022
Supervised By :Ankita Jodhani 03/01/2022



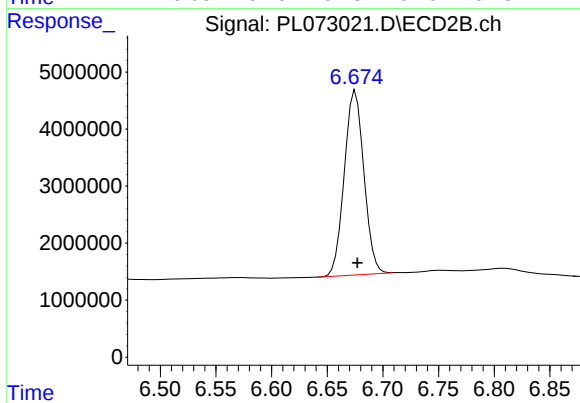
#5 Aldrin

R.T.: 7.467 min
Delta R.T.: -0.002 min
Response: 88289997
Conc: 48.24 ng/ml



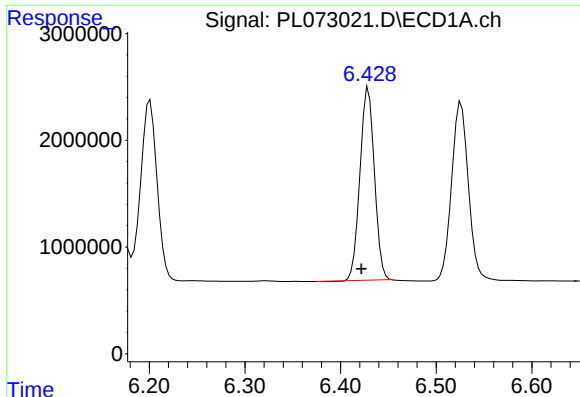
#6 beta-BHC

R.T.: 6.167 min
Delta R.T.: 0.008 min
Response: 9224315
Conc: 41.42 ng/ml



#6 beta-BHC

R.T.: 6.675 min
Delta R.T.: -0.002 min
Response: 39698707
Conc: 44.02 ng/ml



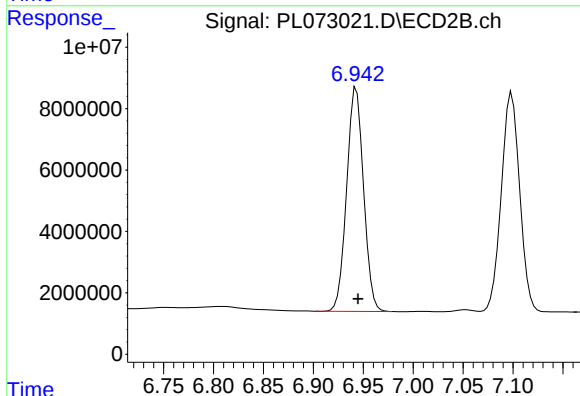
#7 delta-BHC

R.T.: 6.429 min
Delta R.T.: 0.007 min
Response: 18902993
Conc: 43.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142923BS

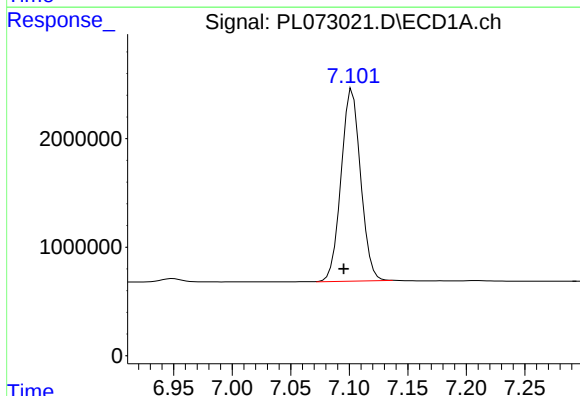
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/01/2022
Supervised By :Ankita Jodhani 03/01/2022



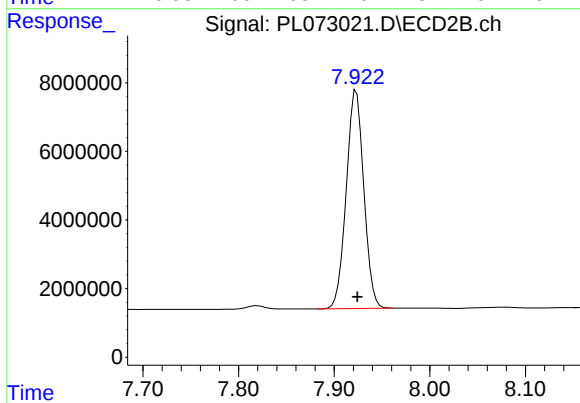
#7 delta-BHC

R.T.: 6.943 min
Delta R.T.: -0.002 min
Response: 85863174
Conc: 45.37 ng/ml



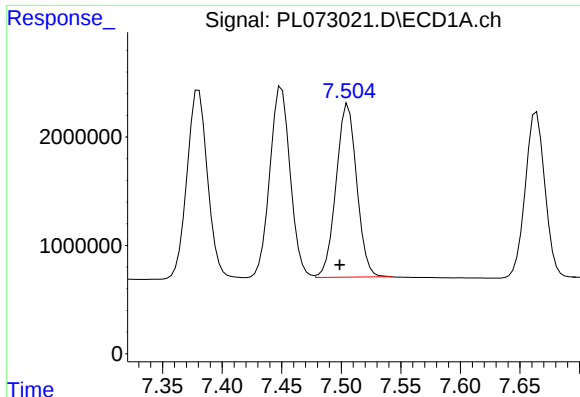
#8 Heptachlor epoxide

R.T.: 7.101 min
Delta R.T.: 0.006 min
Response: 20539201
Conc: 44.09 ng/ml m



#8 Heptachlor epoxide

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 81543426
Conc: 46.33 ng/ml



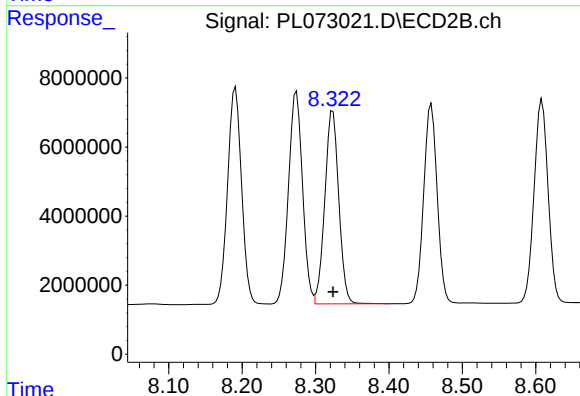
#9 Endosulfan I

R.T.: 7.506 min
Delta R.T.: 0.007 min
Response: 19234321
Conc: 43.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142923BS

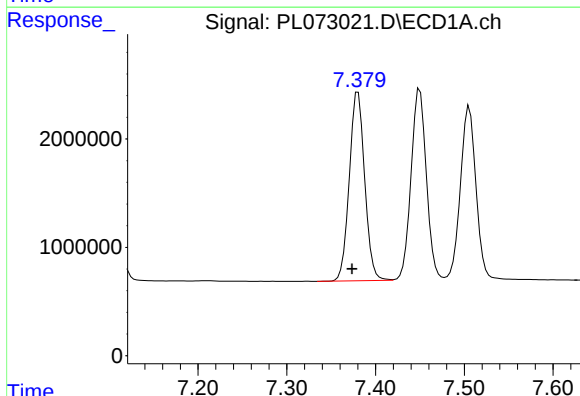
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/01/2022
Supervised By :Ankita Jodhani 03/01/2022



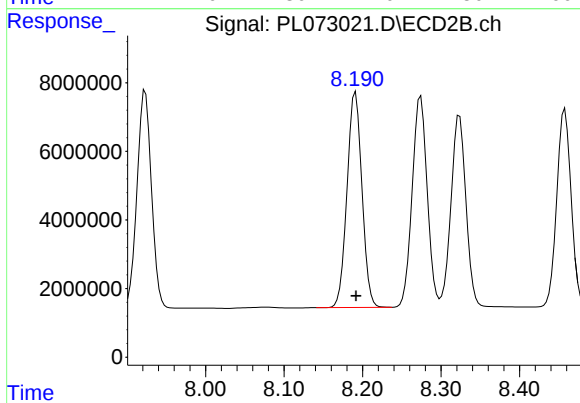
#9 Endosulfan I

R.T.: 8.323 min
Delta R.T.: 0.000 min
Response: 74089357
Conc: 45.74 ng/ml



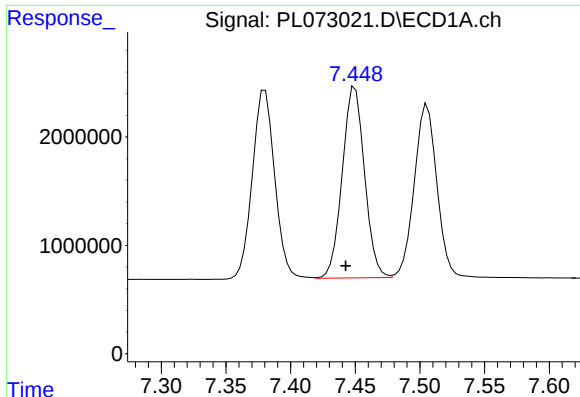
#10 gamma-Chlordane

R.T.: 7.380 min
Delta R.T.: 0.007 min
Response: 20953273
Conc: 44.12 ng/ml



#10 gamma-Chlordane

R.T.: 8.191 min
Delta R.T.: 0.000 min
Response: 83069806
Conc: 46.52 ng/ml



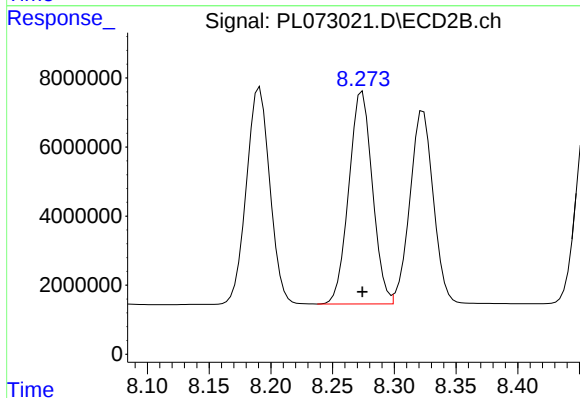
#11 alpha-Chlordane

R.T.: 7.450 min
Delta R.T.: 0.007 min
Response: 21092152
Conc: 44.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142923BS

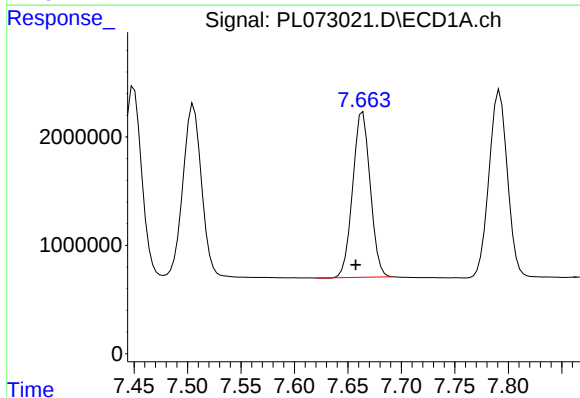
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/01/2022
Supervised By :Ankita Jodhani 03/01/2022



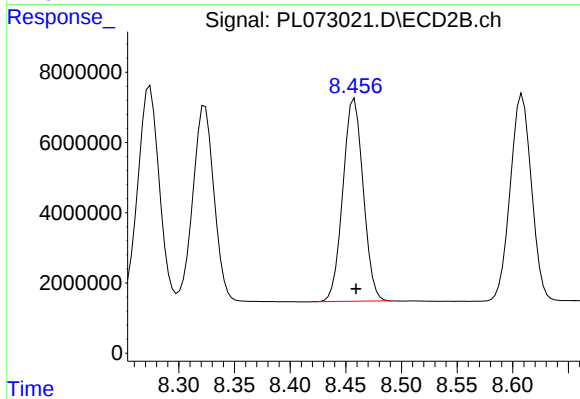
#11 alpha-Chlordane

R.T.: 8.274 min
Delta R.T.: 0.000 min
Response: 81982377
Conc: 46.57 ng/ml



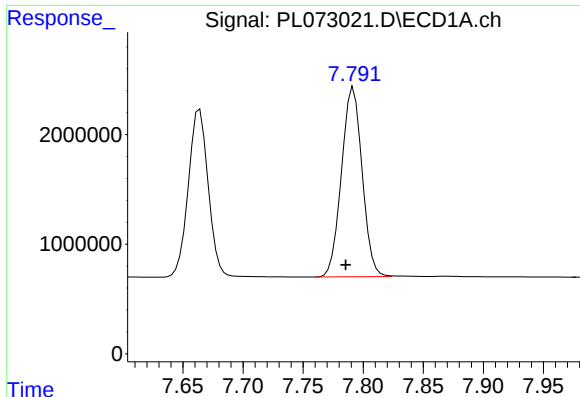
#12 4,4'-DDE

R.T.: 7.664 min
Delta R.T.: 0.007 min
Response: 17397780
Conc: 44.76 ng/ml



#12 4,4'-DDE

R.T.: 8.458 min
Delta R.T.: -0.001 min
Response: 73308077
Conc: 46.89 ng/ml



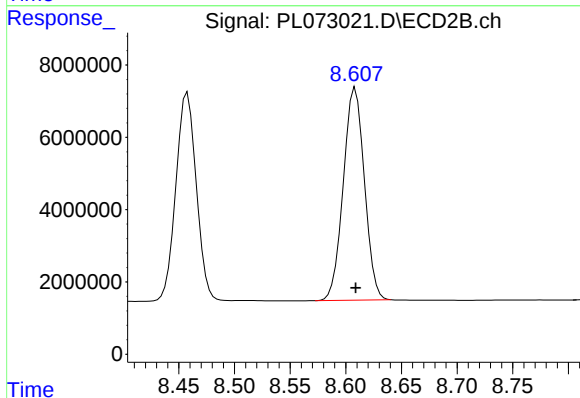
#13 Dieldrin

R.T.: 7.792 min
Delta R.T.: 0.007 min
Response: 20727954
Conc: 46.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142923BS

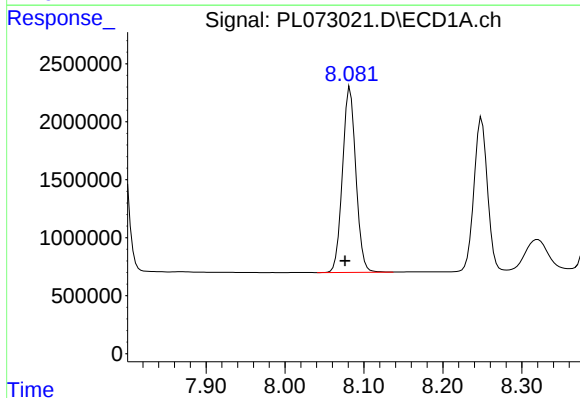
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/01/2022
Supervised By :Ankita Jodhani 03/01/2022



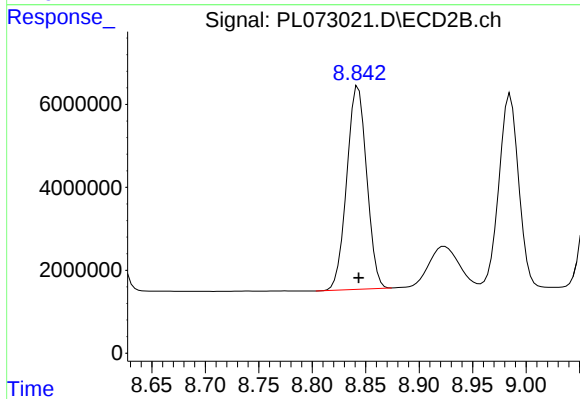
#13 Dieldrin

R.T.: 8.609 min
Delta R.T.: 0.000 min
Response: 77710156
Conc: 48.11 ng/ml



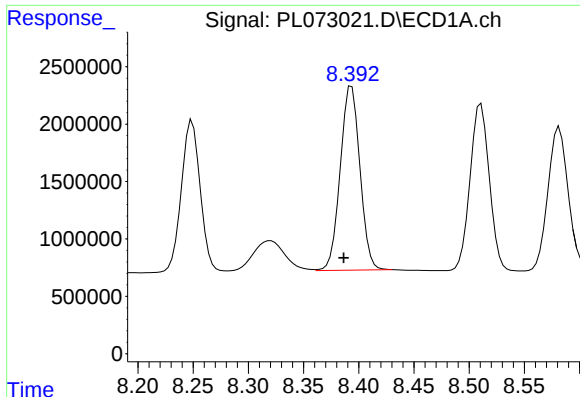
#14 Endrin

R.T.: 8.082 min
Delta R.T.: 0.006 min
Response: 18826862
Conc: 47.41 ng/ml



#14 Endrin

R.T.: 8.843 min
Delta R.T.: 0.000 min
Response: 63768923
Conc: 48.17 ng/ml



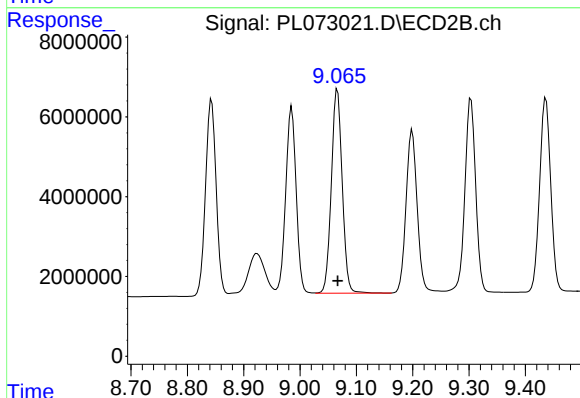
#15 Endosulfan II

R.T.: 8.394 min
Delta R.T.: 0.007 min
Response: 19904033
Conc: 45.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142923BS

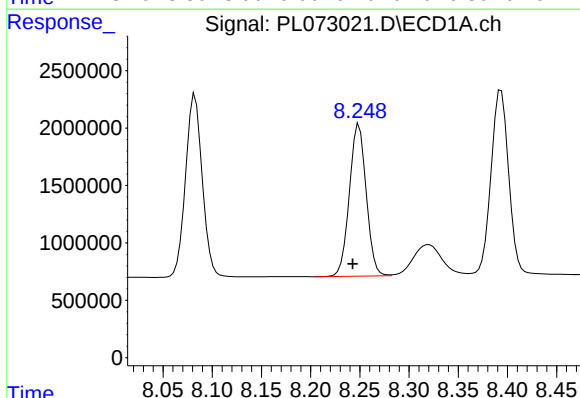
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/01/2022
Supervised By :Ankita Jodhani 03/01/2022



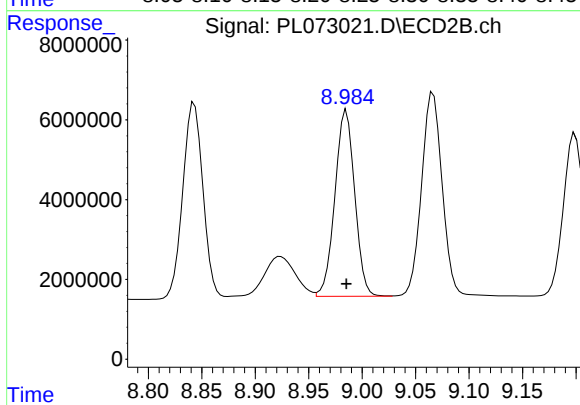
#15 Endosulfan II

R.T.: 9.066 min
Delta R.T.: 0.000 min
Response: 68798131
Conc: 49.71 ng/ml



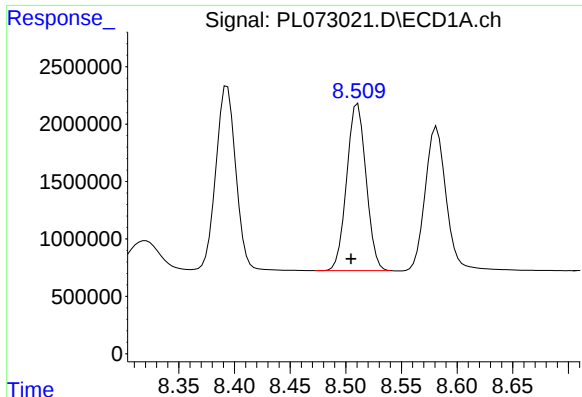
#16 4,4'-DDD

R.T.: 8.249 min
Delta R.T.: 0.007 min
Response: 15740387
Conc: 45.19 ng/ml



#16 4,4'-DDD

R.T.: 8.985 min
Delta R.T.: 0.000 min
Response: 60100504
Conc: 45.19 ng/ml



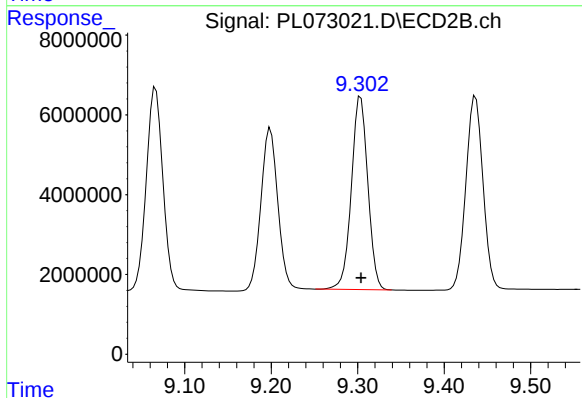
#17 4,4'-DDT

R.T.: 8.511 min
Delta R.T.: 0.006 min
Response: 17618026
Conc: 46.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142923BS

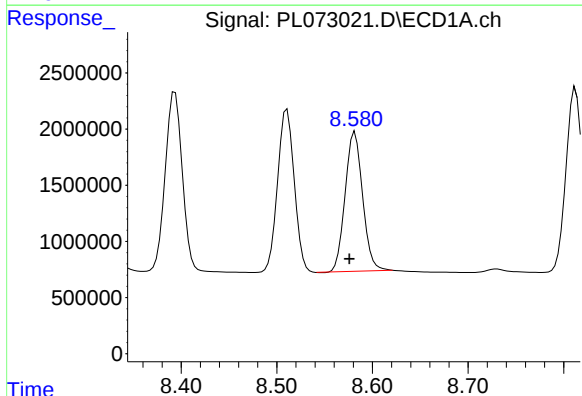
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/01/2022
Supervised By :Ankita Jodhani 03/01/2022



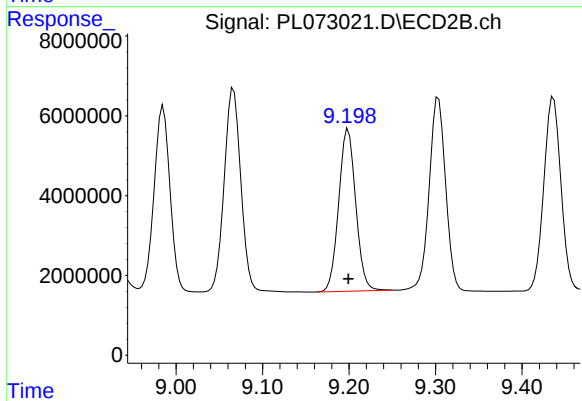
#17 4,4'-DDT

R.T.: 9.303 min
Delta R.T.: 0.000 min
Response: 63873198
Conc: 46.57 ng/ml



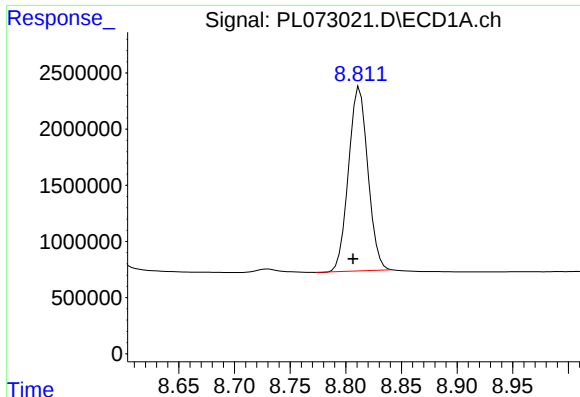
#18 Endrin aldehyde

R.T.: 8.582 min
Delta R.T.: 0.006 min
Response: 15840017
Conc: 49.34 ng/ml



#18 Endrin aldehyde

R.T.: 9.199 min
Delta R.T.: 0.000 min
Response: 55353191
Conc: 50.87 ng/ml



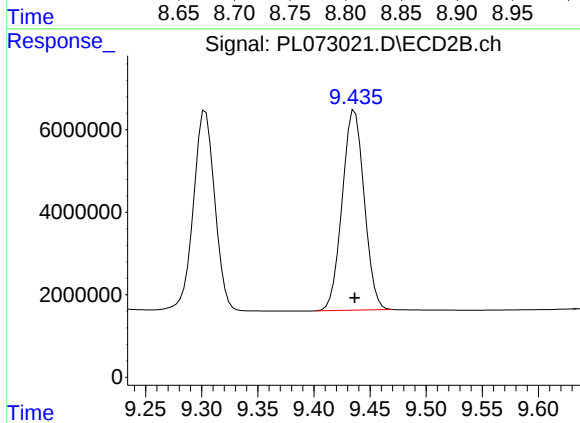
#19 Endosulfan Sulfate

R.T.: 8.812 min
Delta R.T.: 0.006 min
Response: 19829702
Conc: 45.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142923BS

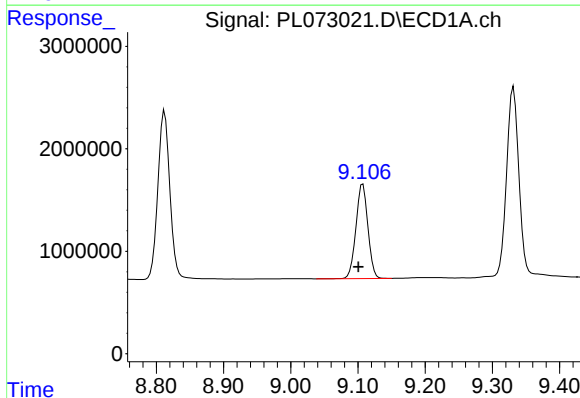
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/01/2022
Supervised By :Ankita Jodhani 03/01/2022



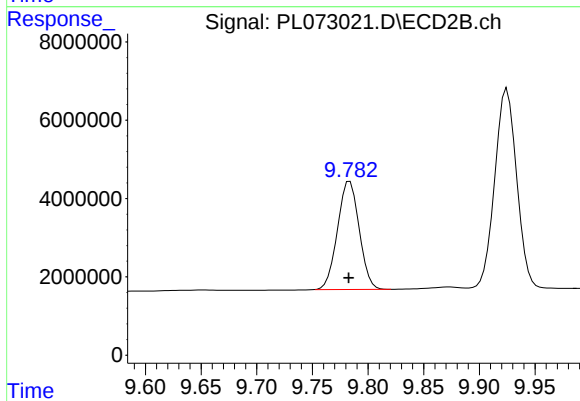
#19 Endosulfan Sulfate

R.T.: 9.436 min
Delta R.T.: 0.000 min
Response: 66283834
Conc: 46.75 ng/ml



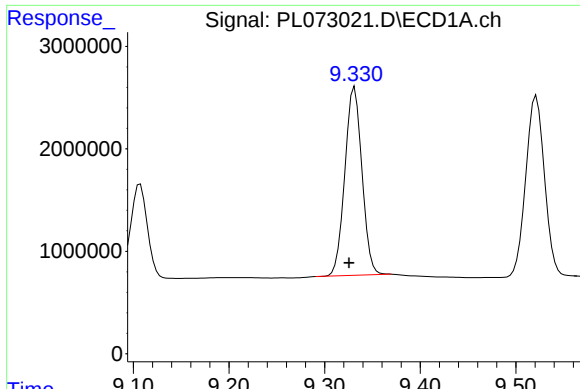
#20 Methoxychlor

R.T.: 9.107 min
Delta R.T.: 0.006 min
Response: 11377610
Conc: 45.55 ng/ml



#20 Methoxychlor

R.T.: 9.784 min
Delta R.T.: 0.000 min
Response: 37519111
Conc: 47.92 ng/ml



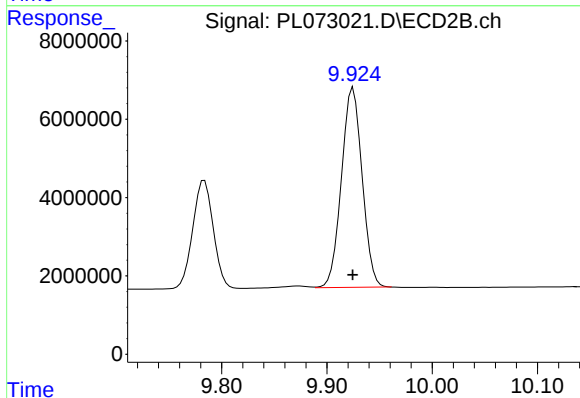
#21 Endrin ketone

R.T.: 9.331 min
Delta R.T.: 0.006 min
Response: 22964128
Conc: 46.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142923BS

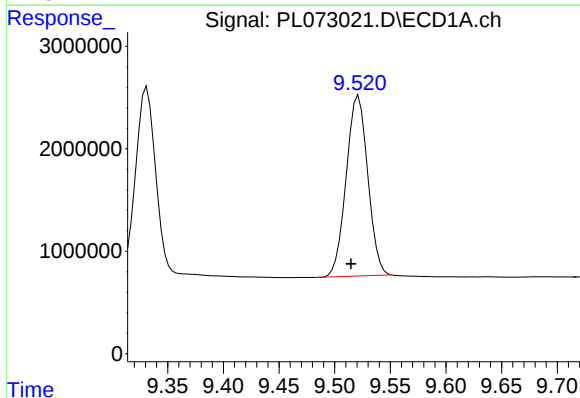
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/01/2022
Supervised By :Ankita Jodhani 03/01/2022



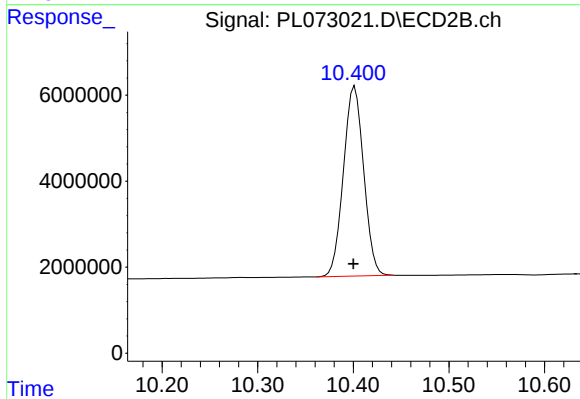
#21 Endrin ketone

R.T.: 9.925 min
Delta R.T.: 0.000 min
Response: 69872758
Conc: 47.66 ng/ml



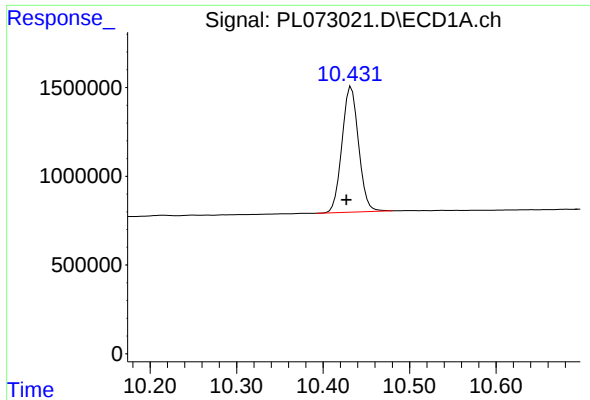
#22 Mirex

R.T.: 9.521 min
Delta R.T.: 0.007 min
Response: 23765198
Conc: 42.12 ng/ml



#22 Mirex

R.T.: 10.402 min
Delta R.T.: 0.001 min
Response: 65131589
Conc: 44.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.005 min
Response: 9368729
Conc: 20.02 ng/ml

Instrument :

ECD_L

ClientSampleId :

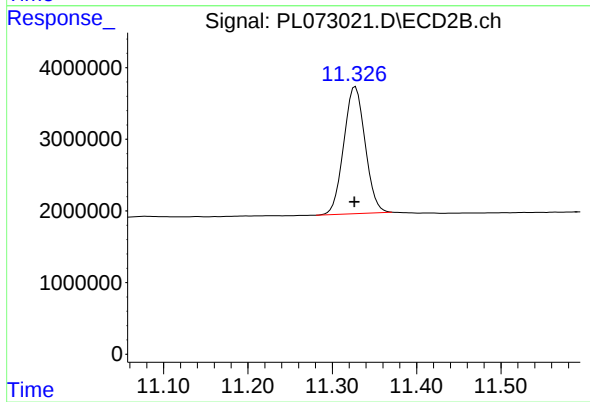
PB142923BS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 03/01/2022

Supervised By :Ankita Jodhani 03/01/2022



#28 Decachlorobiphenyl

R.T.: 11.327 min
Delta R.T.: 0.001 min
Response: 31272161
Conc: 19.82 ng/ml