

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050422\
 Data File : PL074508.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 May 2022 11:51
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 23:23:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 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...	4.643	5.485	15627005	84704110	48.364	47.507
28)	SA Decachlor...	10.409	11.334	24369571	86898230	46.862	49.198
Target Compounds							
2)	A alpha-BHC	5.350	6.049	20758941	124.2E6	49.466	49.310
3)	MA gamma-BHC...	5.773	6.439	20711523	116.5E6	49.384	49.216
4)	MA Heptachlor	6.183	7.099	22555576	126.9E6	50.072	48.669
5)	MB Aldrin	6.508	7.467	21004605	119.4E6	50.607	50.842
6)	B beta-BHC	6.153	6.677	9934555	54257946	48.621	48.143
7)	B delta-BHC	6.414	6.945	20764922	117.4E6	50.197	48.067
8)	B Heptachlo...	7.084	7.924	21709849	112.7E6	50.613	50.068
9)	A Endosulfan I	7.487	8.325	20856516	100.9E6	50.854	51.263
10)	B gamma-Chl...	7.362	8.193	22108744	111.5E6	50.409	49.998
11)	B alpha-Chl...	7.431	8.275	22303669	108.7E6	50.487	50.517
12)	B 4,4'-DDE	7.645	8.460	18847773	103.3E6	51.663	51.848
13)	MA Dieldrin	7.773	8.610	21648657	102.0E6	50.396	50.846
14)	MA Endrin	8.064	8.845	20053316	88942903	49.364	52.515
15)	B Endosulfa...	8.375	9.069	19740863	84498194	47.896	48.640
16)	A 4,4'-DDD	8.230	8.987	16342413	80085853	50.607	52.051m
17)	MA 4,4'-DDT	8.491	9.307	18025096	85391401	48.764	48.171
18)	B Endrin al...	8.563	9.202	16028145	65671175	49.538	50.844
19)	B Endosulfa...	8.794	9.440	20972116	82069155	49.112	49.311
20)	A Methoxychlor	9.086	9.788	11091404	43768553	44.675	45.505
21)	B Endrin ke...	9.312	9.928	24494800	87487197	50.138	50.543
22)	Mirex	9.499	10.405	22549736	67623272	48.348	49.095

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050422\
 Data File : PL074508.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 May 2022 11:51
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

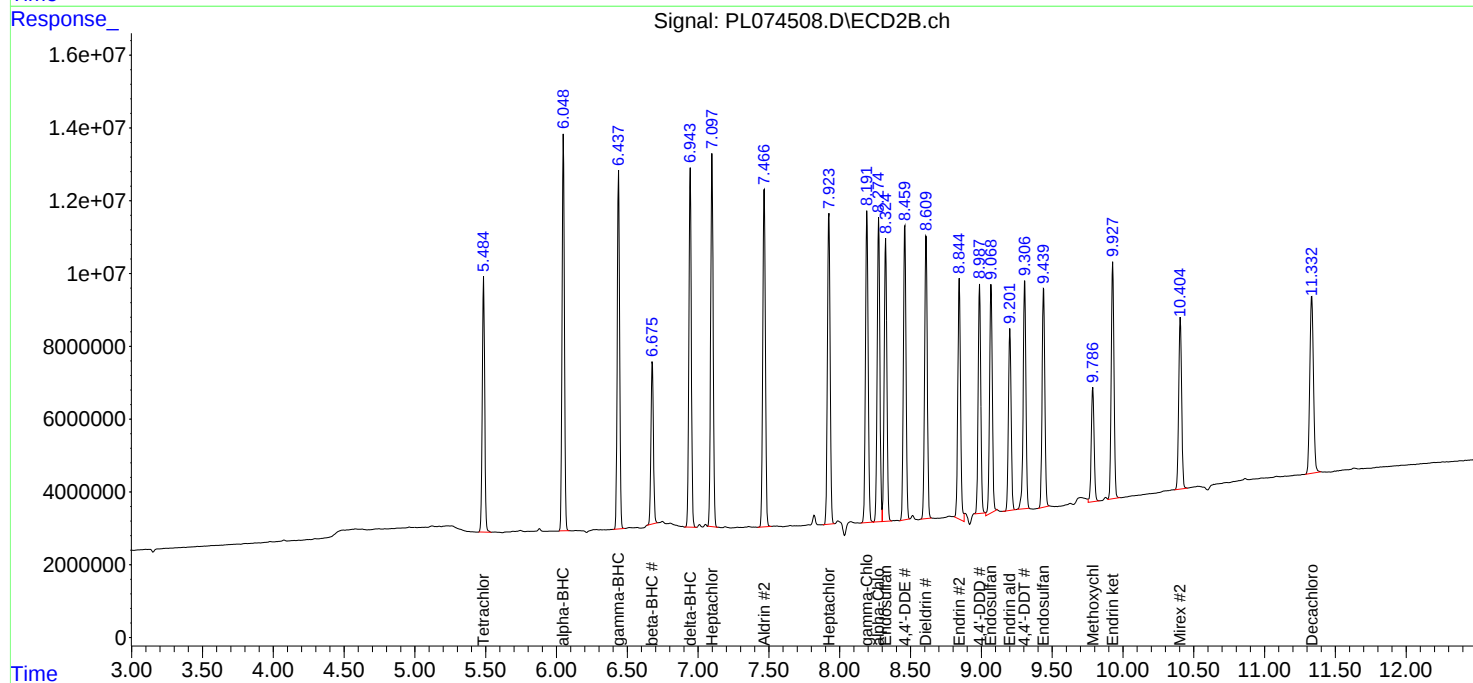
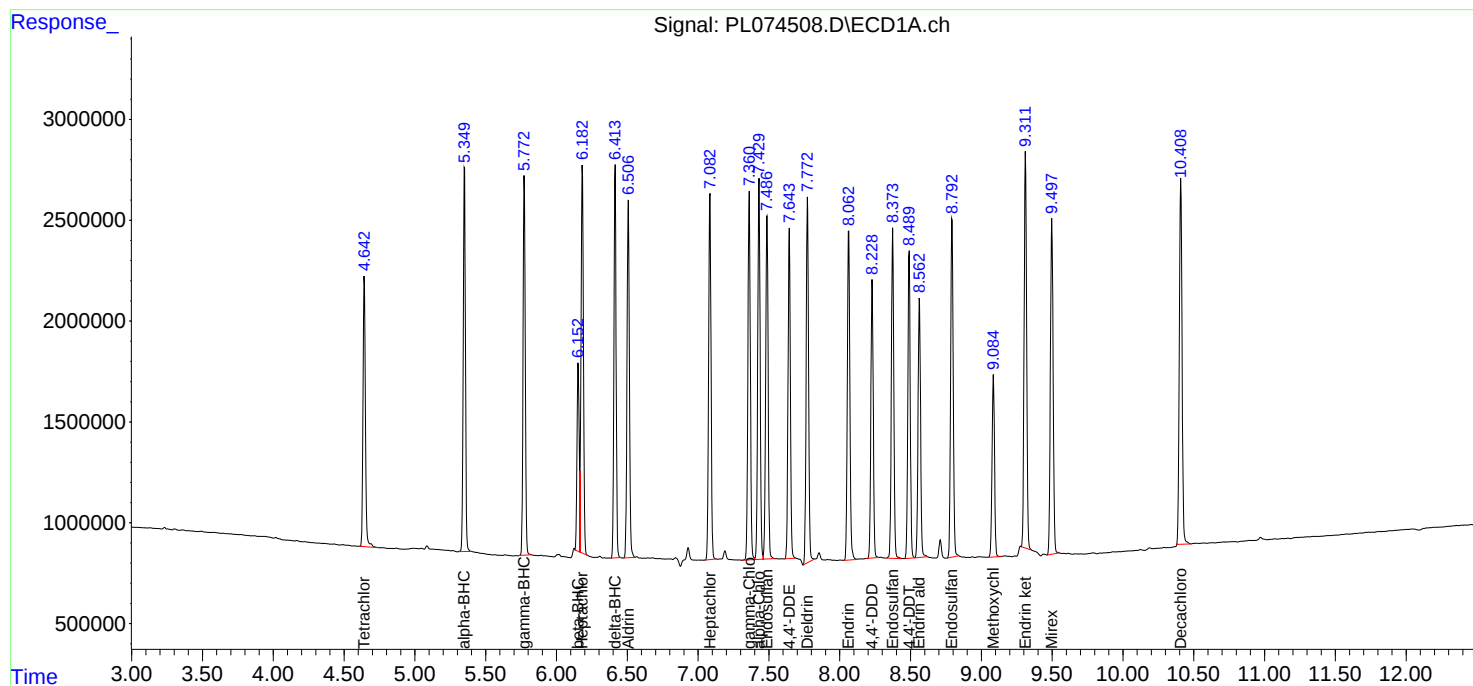
APPROVED

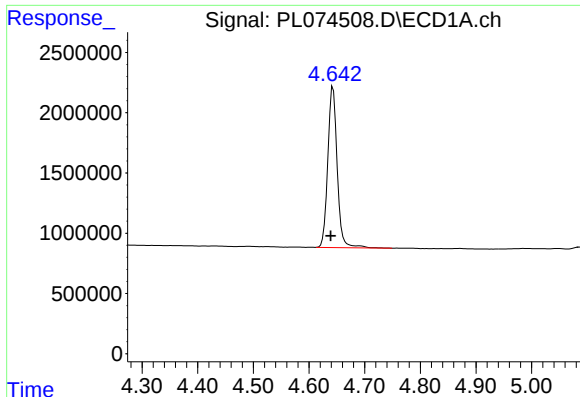
Reviewed By :Abdul Mirza 05/05/2022

Supervised By :mohammad ahmed 05/05/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 23:23:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 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





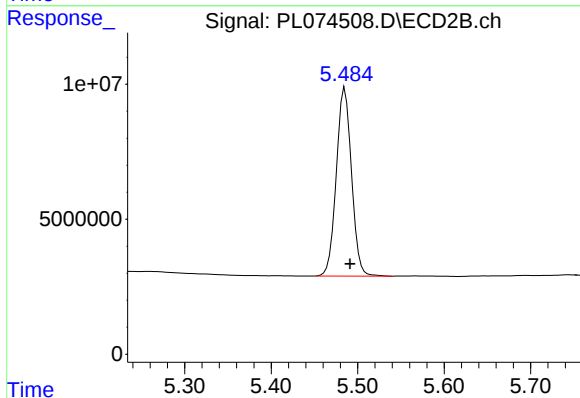
#1 Tetrachloro-m-xylene

R.T.: 4.643 min
Delta R.T.: 0.004 min
Response: 15627005
Conc: 48.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

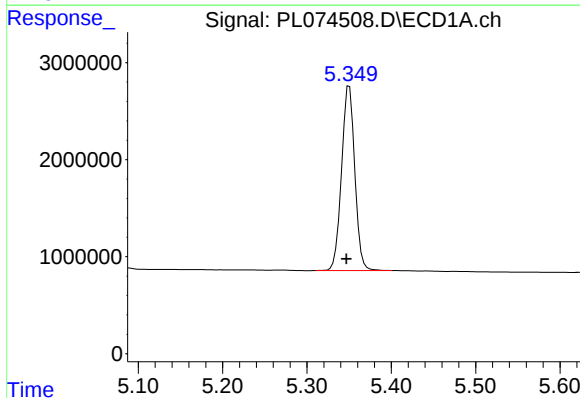
Manual Integrations
APPROVED

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



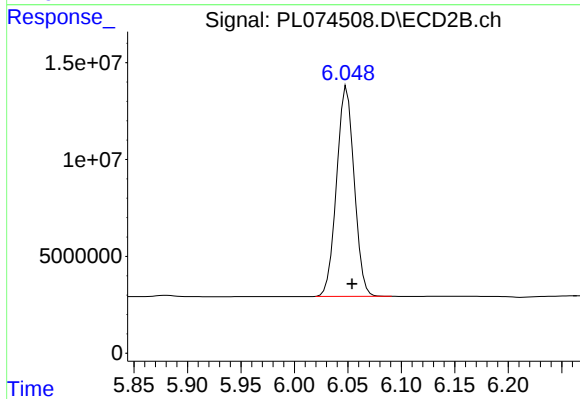
#1 Tetrachloro-m-xylene

R.T.: 5.485 min
Delta R.T.: -0.006 min
Response: 84704110
Conc: 47.51 ng/ml



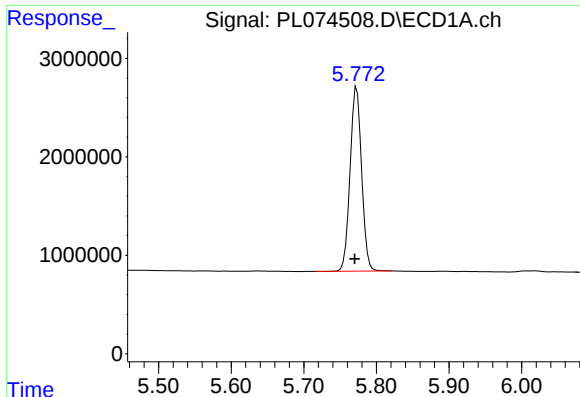
#2 alpha-BHC

R.T.: 5.350 min
Delta R.T.: 0.003 min
Response: 20758941
Conc: 49.47 ng/ml



#2 alpha-BHC

R.T.: 6.049 min
Delta R.T.: -0.005 min
Response: 124167725
Conc: 49.31 ng/ml



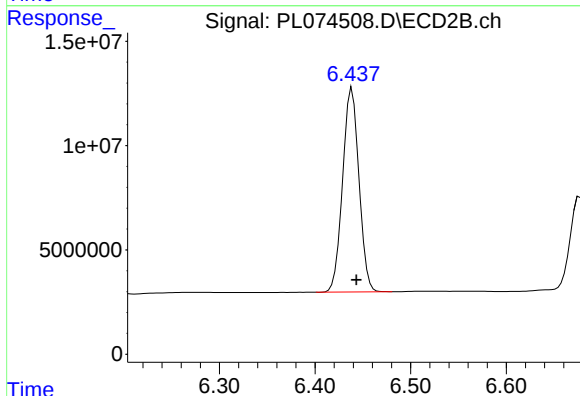
#3 gamma-BHC (Lindane)

R.T.: 5.773 min
Delta R.T.: 0.003 min
Response: 20711523
Conc: 49.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

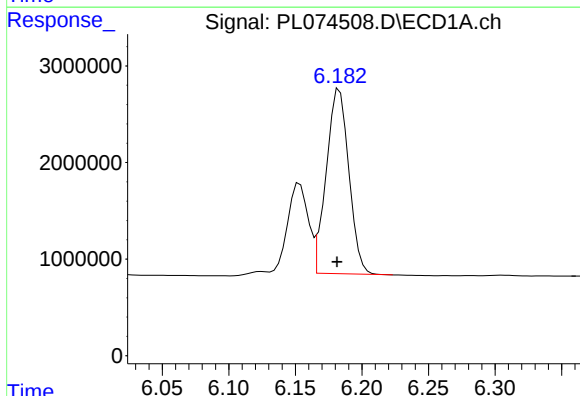
Manual Integrations
APPROVED

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



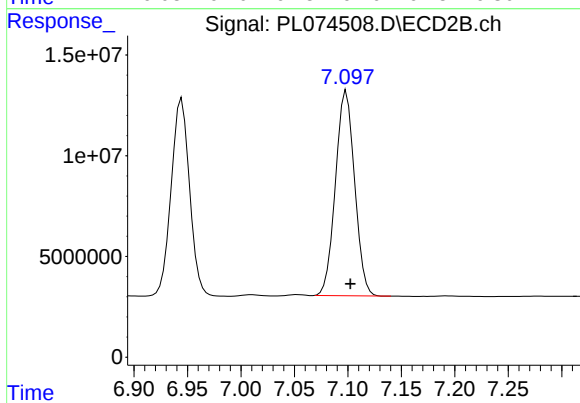
#3 gamma-BHC (Lindane)

R.T.: 6.439 min
Delta R.T.: -0.005 min
Response: 116500772
Conc: 49.22 ng/ml



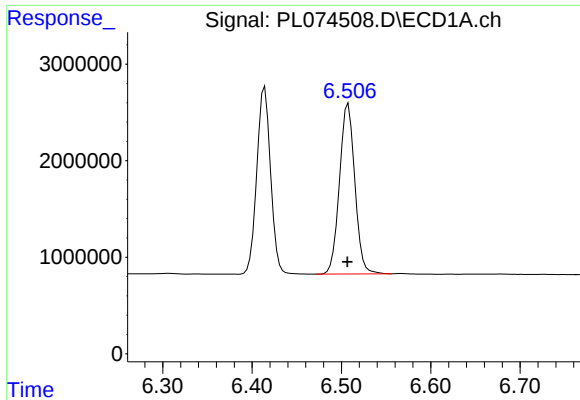
#4 Heptachlor

R.T.: 6.183 min
Delta R.T.: 0.002 min
Response: 22555576
Conc: 50.07 ng/ml



#4 Heptachlor

R.T.: 7.099 min
Delta R.T.: -0.004 min
Response: 126948700
Conc: 48.67 ng/ml



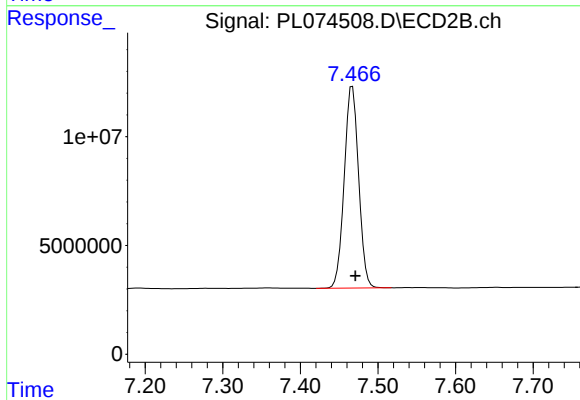
#5 Aldrin

R.T.: 6.508 min
Delta R.T.: 0.000 min
Response: 21004605
Conc: 50.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

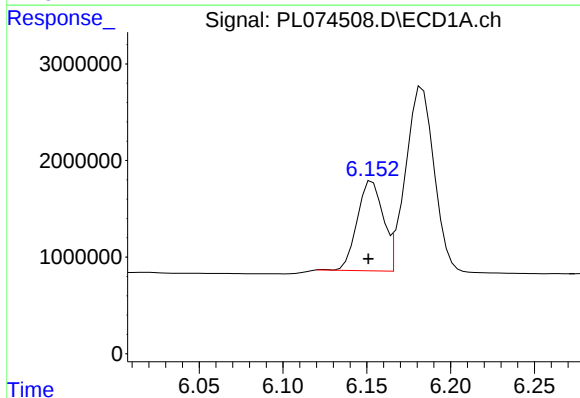
Manual Integrations
APPROVED

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



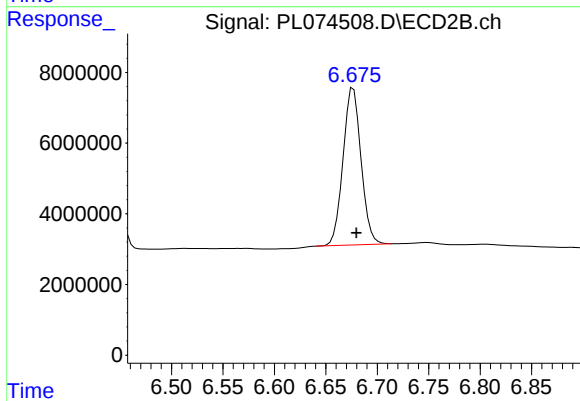
#5 Aldrin

R.T.: 7.467 min
Delta R.T.: -0.004 min
Response: 119407520
Conc: 50.84 ng/ml



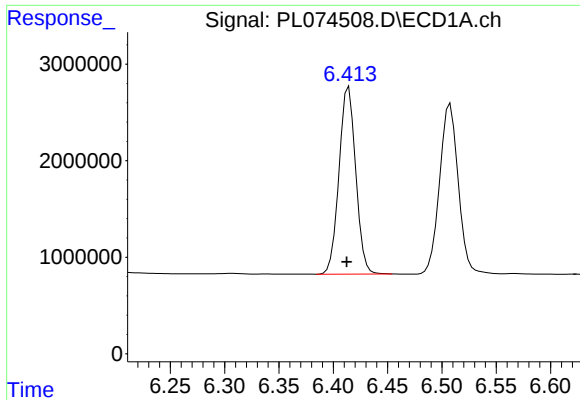
#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: 0.002 min
Response: 9934555
Conc: 48.62 ng/ml



#6 beta-BHC

R.T.: 6.677 min
Delta R.T.: -0.003 min
Response: 54257946
Conc: 48.14 ng/ml



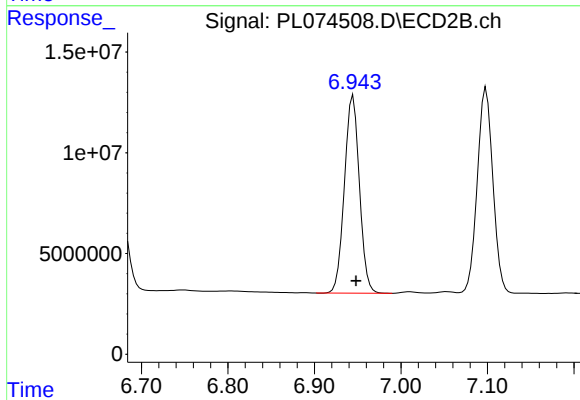
#7 delta-BHC

R.T.: 6.414 min
Delta R.T.: 0.002 min
Response: 20764922
Conc: 50.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

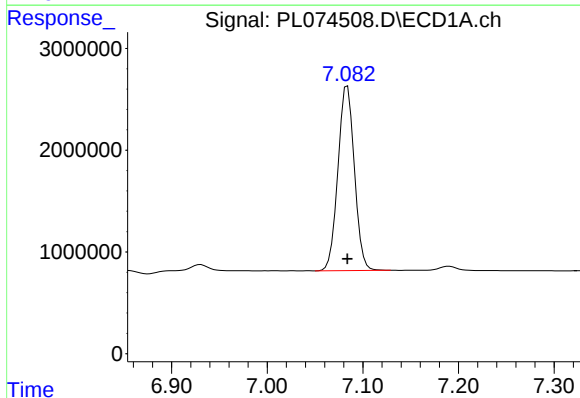
Manual Integrations
APPROVED

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



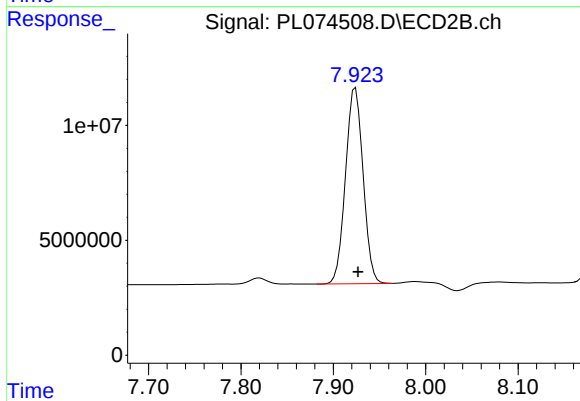
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 117392273
Conc: 48.07 ng/ml



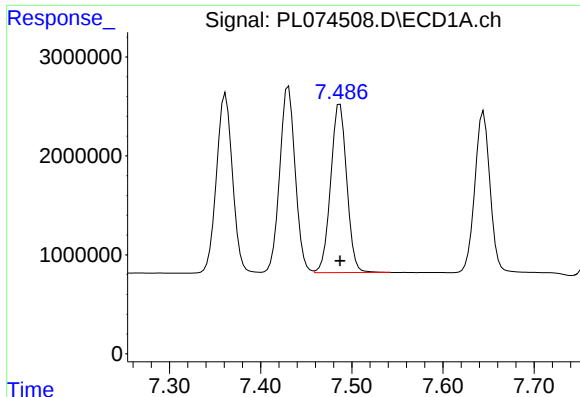
#8 Heptachlor epoxide

R.T.: 7.084 min
Delta R.T.: 0.000 min
Response: 21709849
Conc: 50.61 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.003 min
Response: 112730178
Conc: 50.07 ng/ml



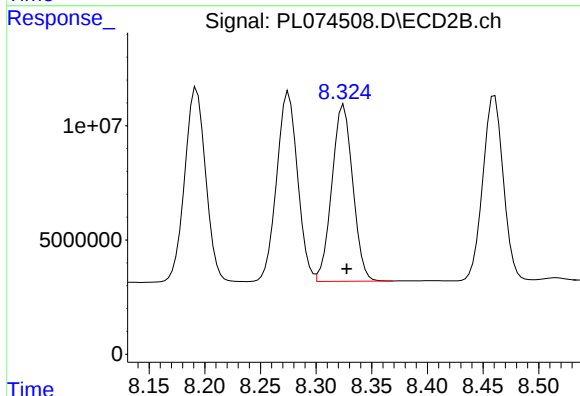
#9 Endosulfan I

R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 20856516
Conc: 50.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

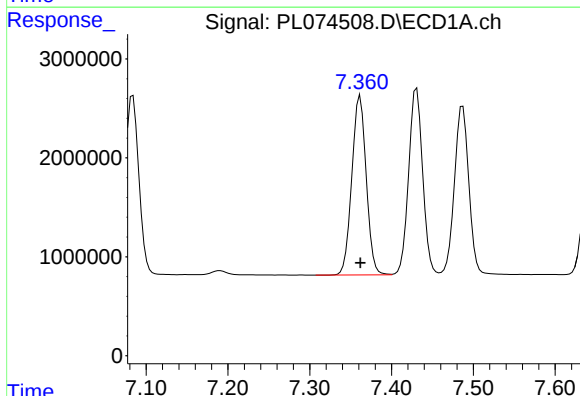
Manual Integrations
APPROVED

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



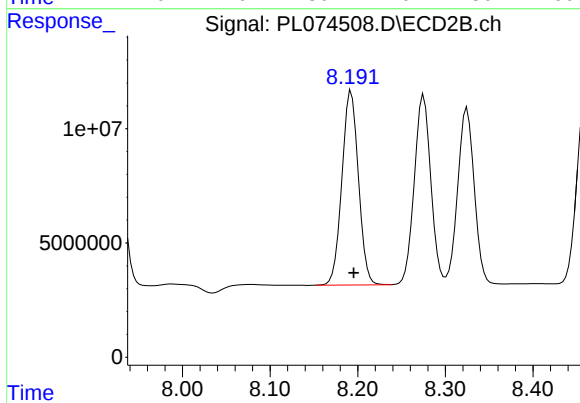
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.003 min
Response: 100919981
Conc: 51.26 ng/ml



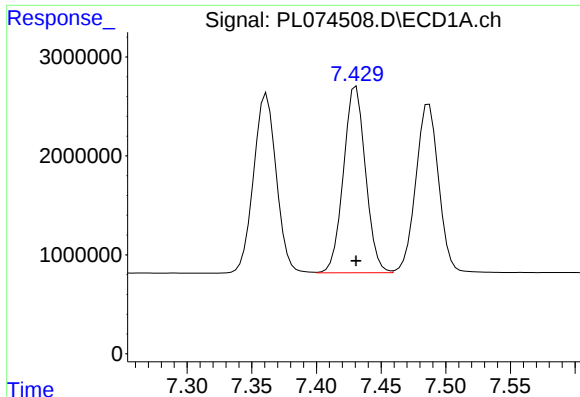
#10 gamma-Chlordane

R.T.: 7.362 min
Delta R.T.: 0.000 min
Response: 22108744
Conc: 50.41 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.003 min
Response: 111513909
Conc: 50.00 ng/ml



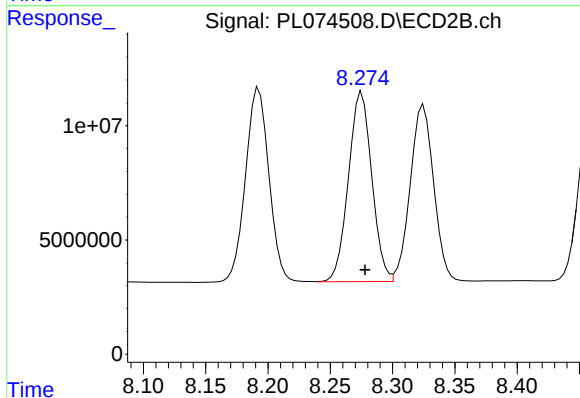
#11 alpha-Chlordane

R.T.: 7.431 min
Delta R.T.: 0.000 min
Response: 22303669
Conc: 50.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

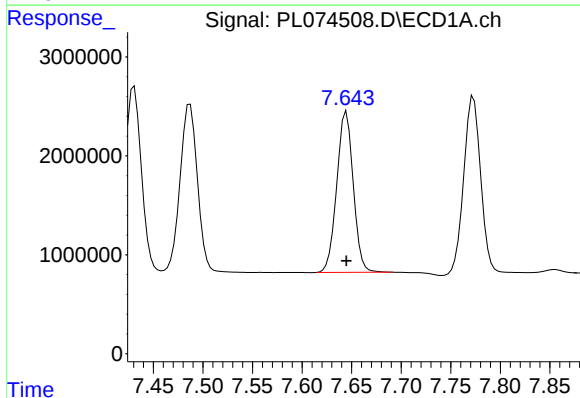
Manual Integrations
APPROVED

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



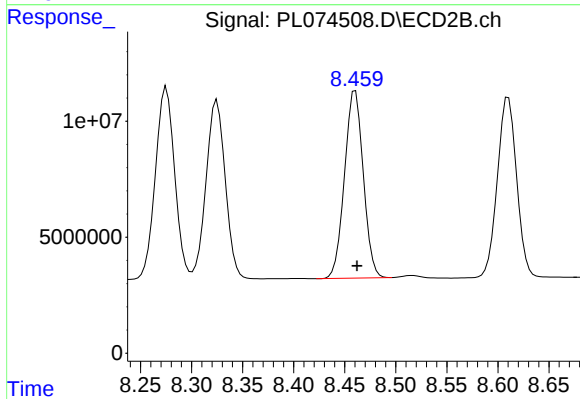
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 108742901
Conc: 50.52 ng/ml



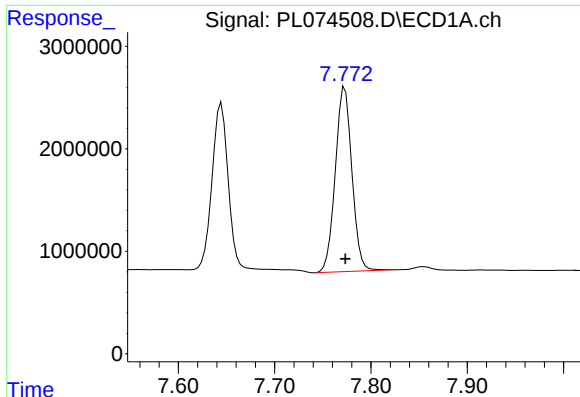
#12 4,4'-DDE

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 18847773
Conc: 51.66 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 103265637
Conc: 51.85 ng/ml



#13 Dieldrin

R.T.: 7.773 min
Delta R.T.: 0.000 min
Response: 21648657
Conc: 50.40 ng/ml

Instrument :

ECD_L

ClientSampleId :

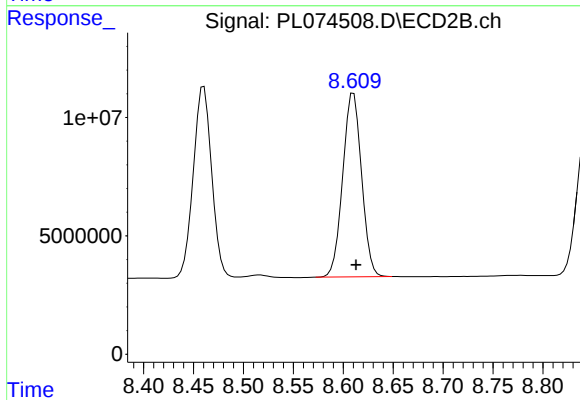
PSTDCCC050

Manual Integrations

APPROVED

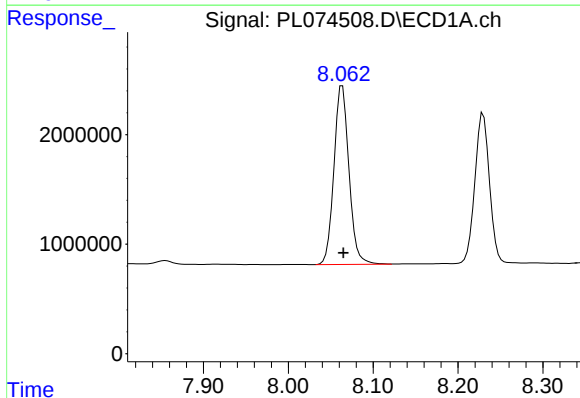
Reviewed By :Abdul Mirza 05/05/2022

Supervised By :mohammad ahmed 05/05/2022



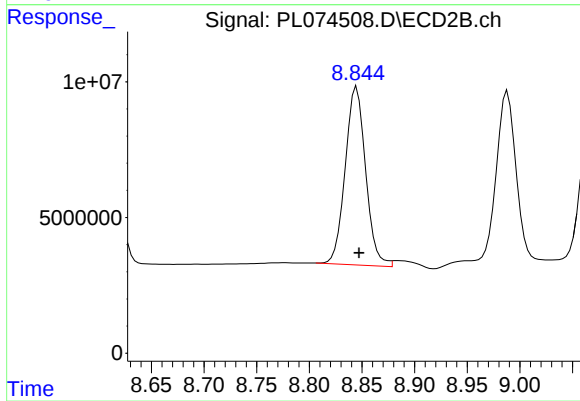
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: -0.002 min
Response: 101960234
Conc: 50.85 ng/ml



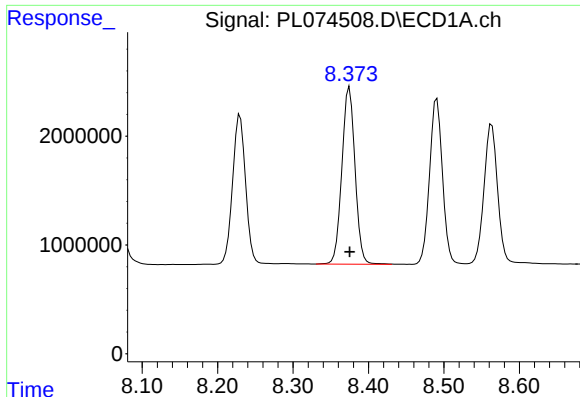
#14 Endrin

R.T.: 8.064 min
Delta R.T.: -0.001 min
Response: 20053316
Conc: 49.36 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 88942903
Conc: 52.52 ng/ml



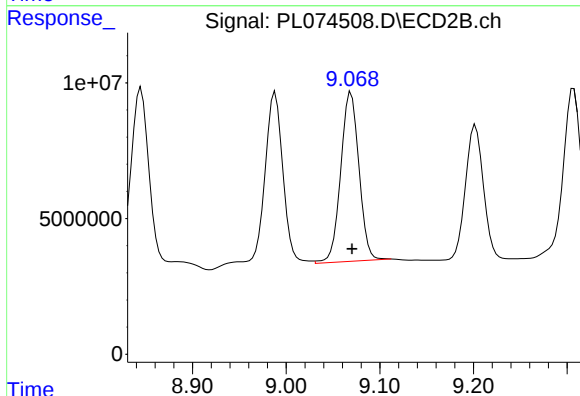
#15 Endosulfan II

R.T.: 8.375 min
Delta R.T.: 0.000 min
Response: 19740863
Conc: 47.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

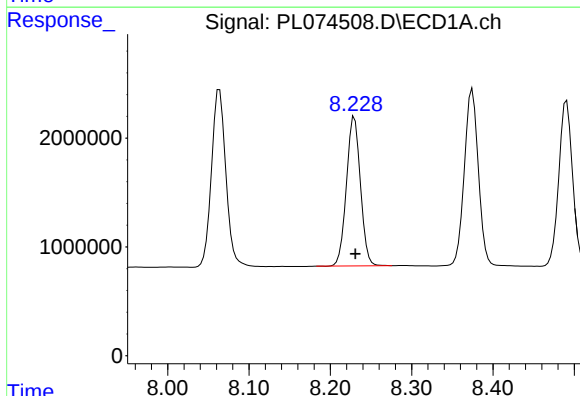
Manual Integrations
APPROVED

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



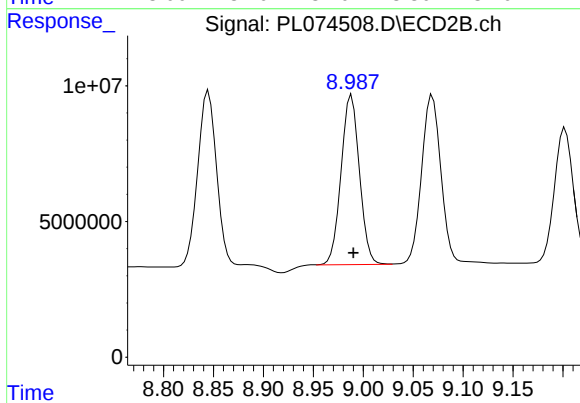
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: -0.001 min
Response: 84498194
Conc: 48.64 ng/ml



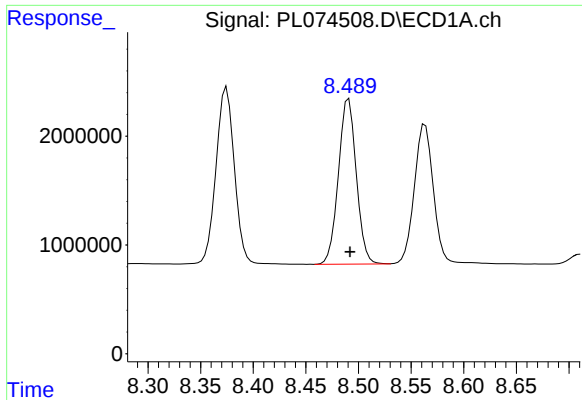
#16 4,4'-DDD

R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: 16342413
Conc: 50.61 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 80085853
Conc: 52.05 ng/ml m



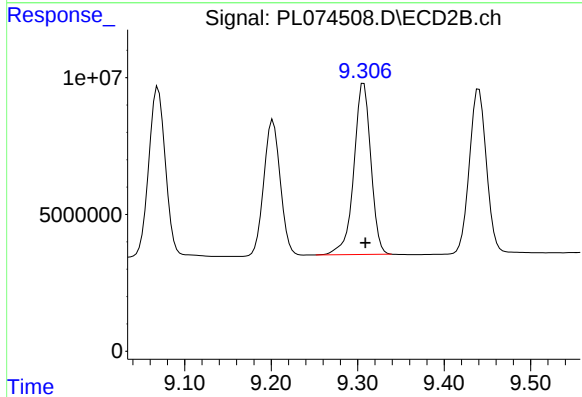
#17 4,4'-DDT

R.T.: 8.491 min
Delta R.T.: -0.001 min
Response: 18025096
Conc: 48.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

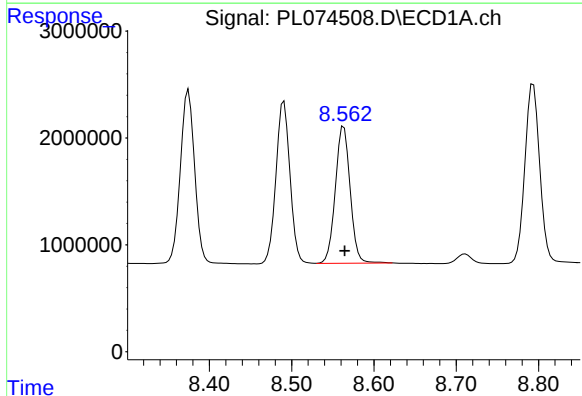
Manual Integrations
APPROVED

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



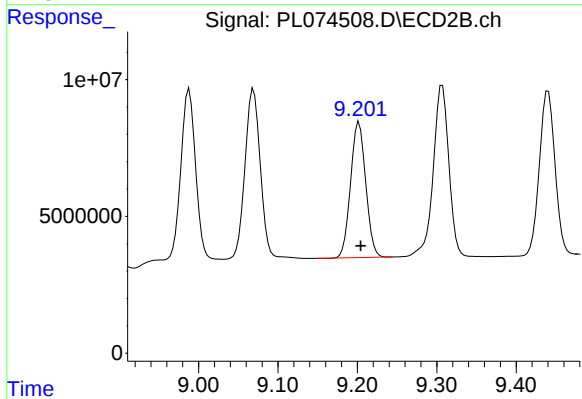
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 85391401
Conc: 48.17 ng/ml



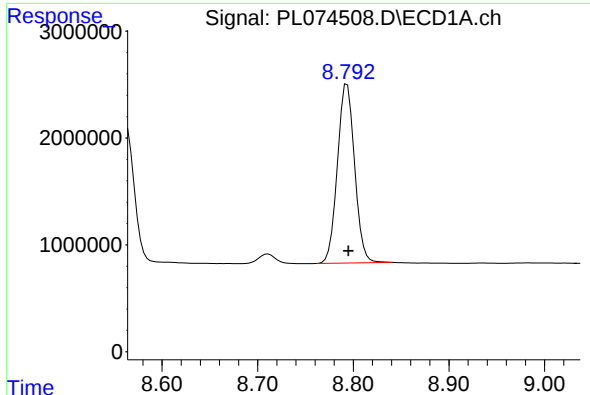
#18 Endrin aldehyde

R.T.: 8.563 min
Delta R.T.: -0.001 min
Response: 16028145
Conc: 49.54 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.002 min
Response: 65671175
Conc: 50.84 ng/ml



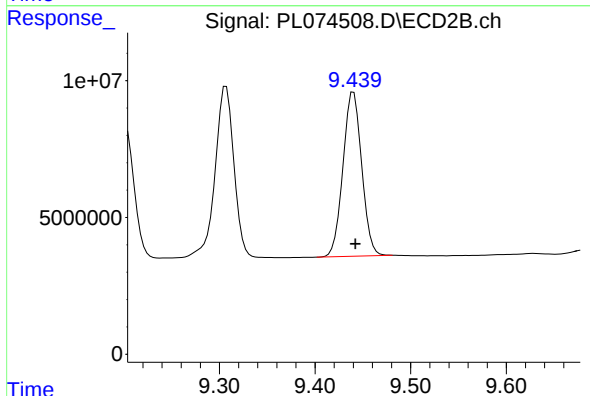
#19 Endosulfan Sulfate

R.T.: 8.794 min
Delta R.T.: -0.001 min
Response: 20972116
Conc: 49.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

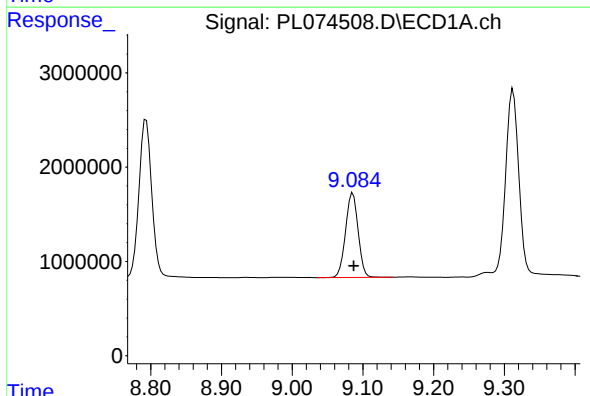
Manual Integrations
APPROVED

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



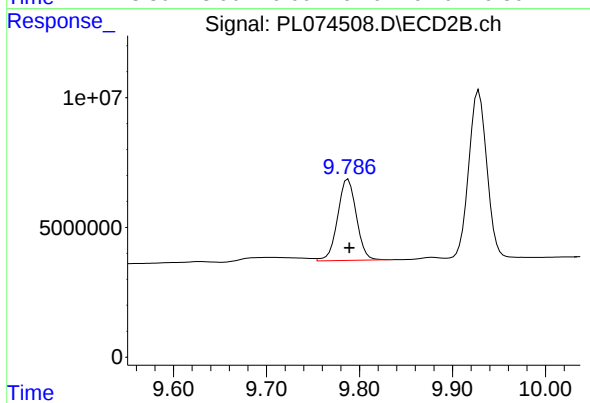
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.002 min
Response: 82069155
Conc: 49.31 ng/ml



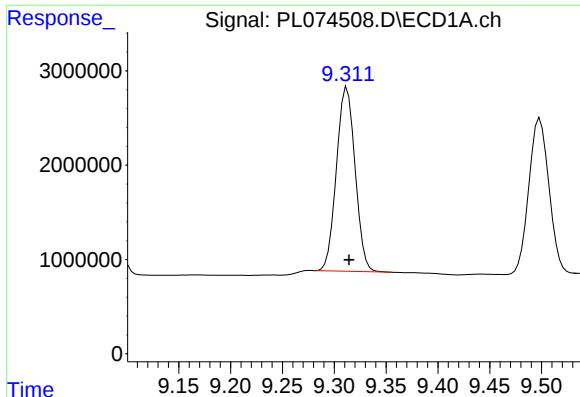
#20 Methoxychlor

R.T.: 9.086 min
Delta R.T.: -0.002 min
Response: 11091404
Conc: 44.68 ng/ml



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: -0.002 min
Response: 43768553
Conc: 45.50 ng/ml



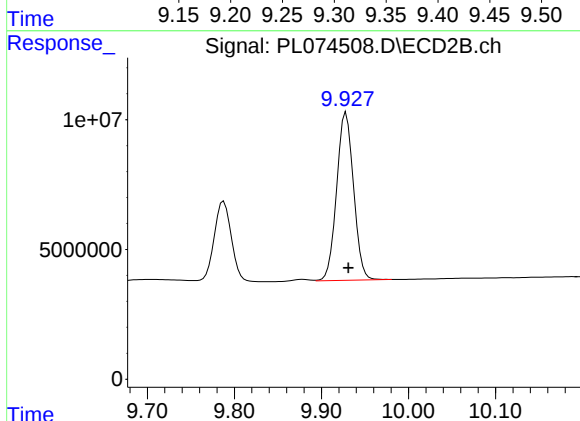
#21 Endrin ketone

R.T.: 9.312 min
Delta R.T.: -0.002 min
Response: 24494800
Conc: 50.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

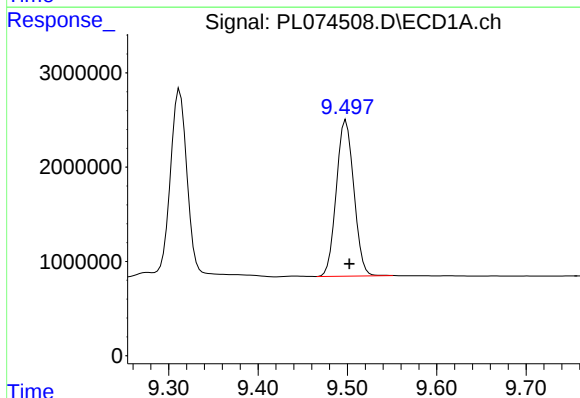
Manual Integrations
APPROVED

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



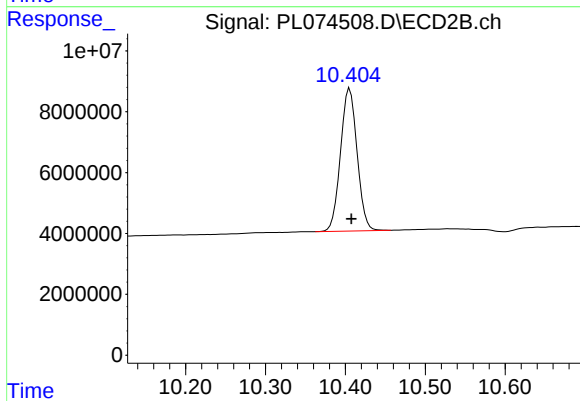
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.003 min
Response: 87487197
Conc: 50.54 ng/ml



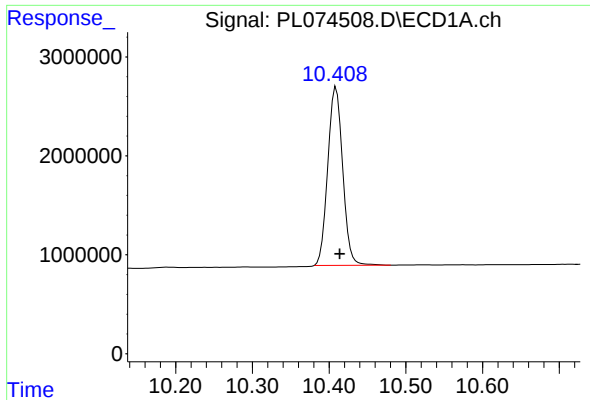
#22 Mirex

R.T.: 9.499 min
Delta R.T.: -0.004 min
Response: 22549736
Conc: 48.35 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: -0.002 min
Response: 67623272
Conc: 49.09 ng/ml



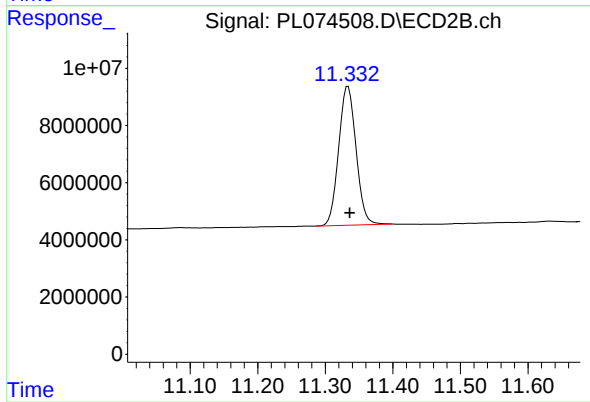
#28 Decachlorobiphenyl

R.T.: 10.409 min
Delta R.T.: -0.005 min
Response: 24369571
Conc: 46.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 11.334 min
Delta R.T.: -0.002 min
Response: 86898230
Conc: 49.20 ng/ml