

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020123\
 Data File : PL080666.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Feb 2023 12:56
 Operator : AR\AJ
 Sample : 01358-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 JPP-11-012723MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/02/2023
 Supervised By :Ankita Jodhani 02/02/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 01 20:52:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 2023
 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...	3.351	2.688	34792092	33782222	16.221	15.380
28) SA Decachlor...	8.787	7.834	32304399	40336667	18.452	16.930
Target Compounds						
2) A alpha-BHC	3.799	3.189	143.8E6	138.4E6	45.389	43.525
3) MA gamma-BHC...	4.128	3.517	134.3E6	129.9E6	45.692	43.489
4) MA Heptachlor	4.712	3.858	128.3E6	128.9E6	43.408	40.499
5) MB Aldrin	5.050	4.137	120.9E6	124.3E6	44.194	42.158
6) B beta-BHC	4.324	3.813	58792967	55681810	43.071	41.721
7) B delta-BHC	4.567	4.043	135.0E6	127.1E6	46.639	44.081
8) B Heptachlo...	5.474	4.639	115.7E6	117.6E6	44.707	42.273
9) A Endosulfan I	5.856	5.008	103.2E6	106.3E6	43.708	40.869
10) B gamma-Chl...	5.729	4.888	112.2E6	118.9E6	44.404	41.941m
11) B alpha-Chl...	5.808	4.954	111.3E6	116.0E6	44.096	40.499
12) B 4,4'-DDE	5.986	5.145	98249718	99476015	44.111	42.172m
13) MA Dieldrin	6.130	5.272	110.6E6	115.9E6	46.204	42.847m
14) MA Endrin	6.357	5.548	96140383	101.8E6	44.454	43.869
15) B Endosulfa...	6.576	5.842	94751365	100.5E6	41.334	48.236
16) A 4,4'-DDD	6.500	5.700	81455441	82423806	44.463	43.861
17) MA 4,4'-DDT	6.812	5.952	83460106	85677009	40.170	40.770
18) B Endrin al...	6.706	6.022	79432109	84037958	47.753	46.020
19) B Endosulfa...	6.938	6.245	94245387	99955134	45.531	42.979
20) A Methoxychlor	7.291	6.529	46826547	49072837	42.443	40.440
21) B Endrin ke...	7.419	6.750	101.1E6	112.6E6	45.819	44.090
22) Mirex	7.891	6.933	79845505	97282602	46.428	42.729

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020123\
 Data File : PL080666.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Feb 2023 12:56
 Operator : AR\AJ
 Sample : 01358-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

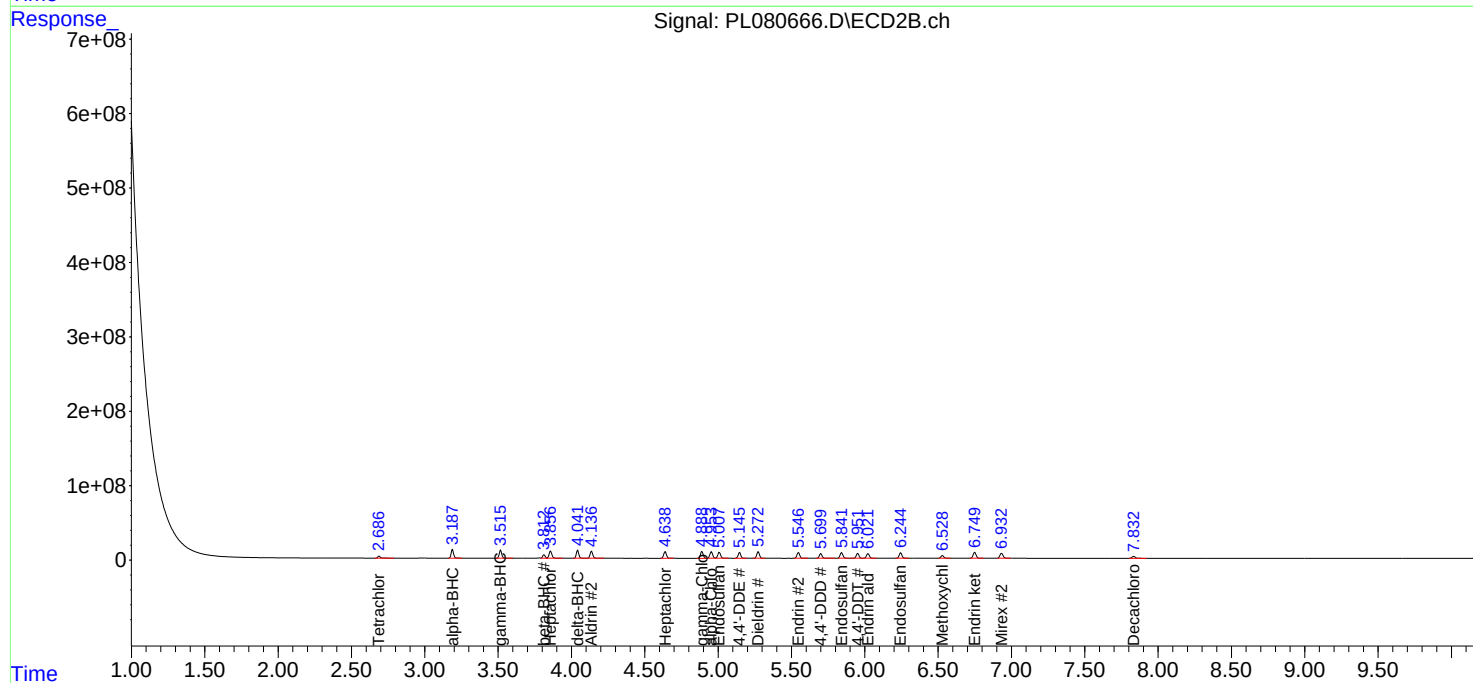
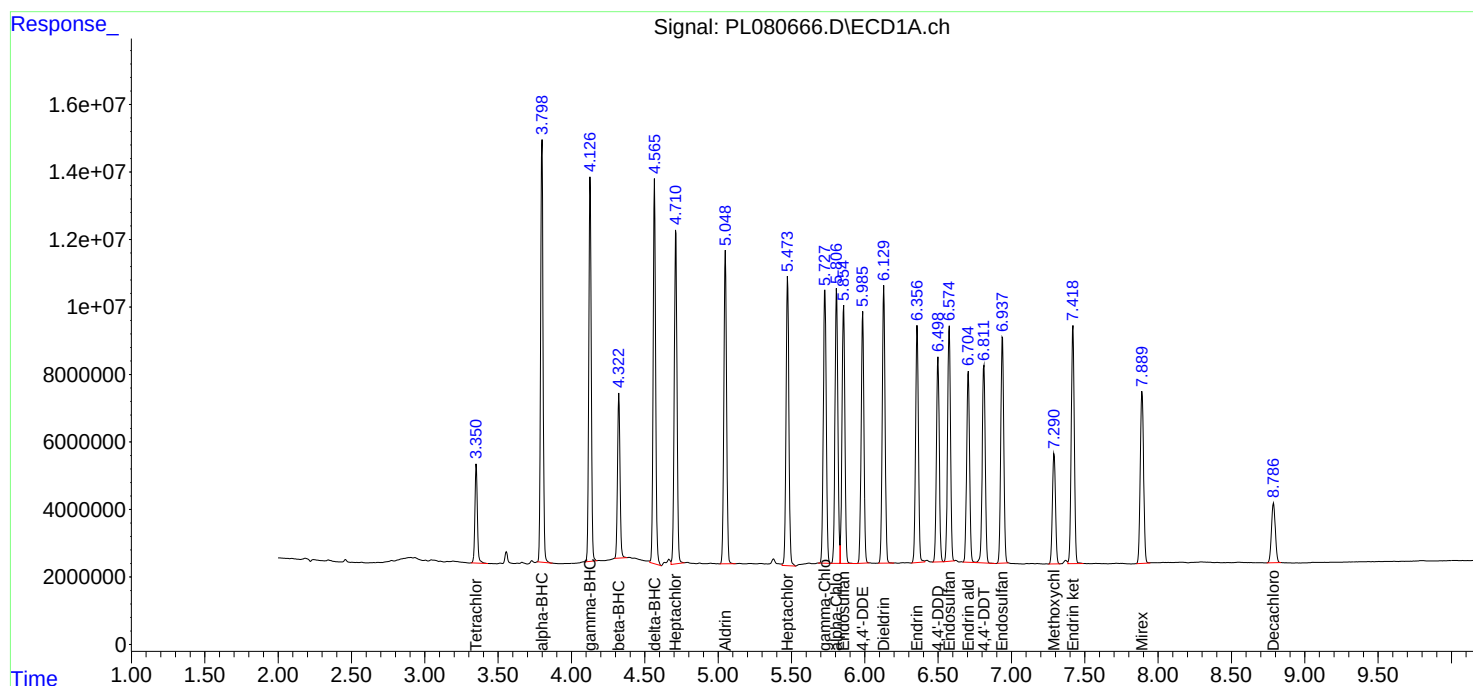
Instrument :
 ECD_L
 ClientSampleId :
 JPP-11-012723MSD

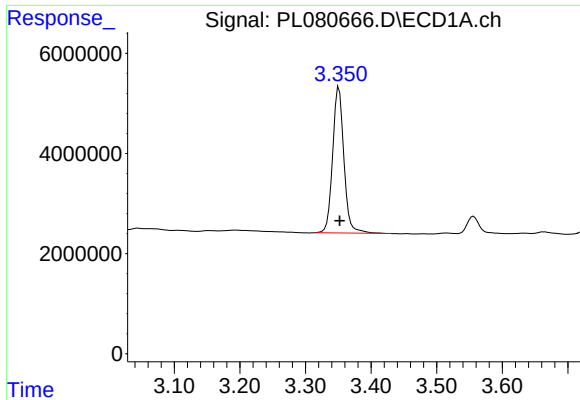
Manual Integrations APPROVED

Reviewed By : Abdul Mirza 02/02/2023
 Supervised By : Ankita Jodhani 02/02/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 01 20:52:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 2023
 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





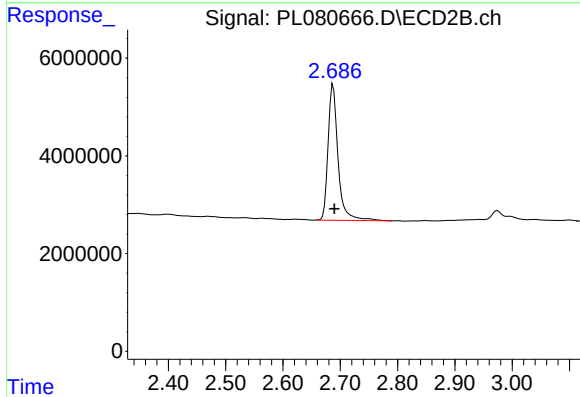
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: 0.000 min
Response: 34792092
Conc: 16.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
JPP-11-012723MSD

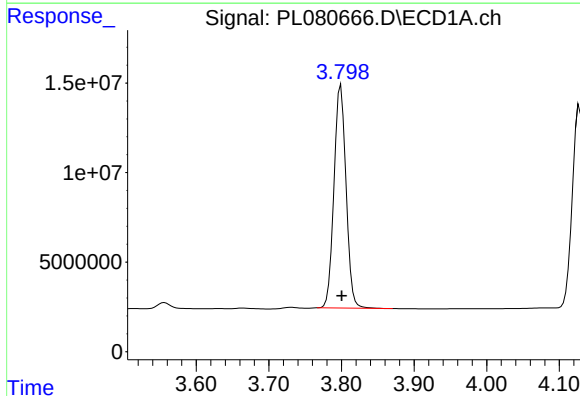
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/02/2023
Supervised By :Ankita Jodhani 02/02/2023



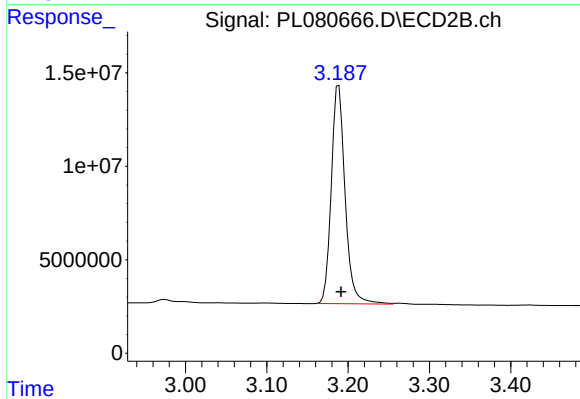
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.002 min
Response: 33782222
Conc: 15.38 ng/ml



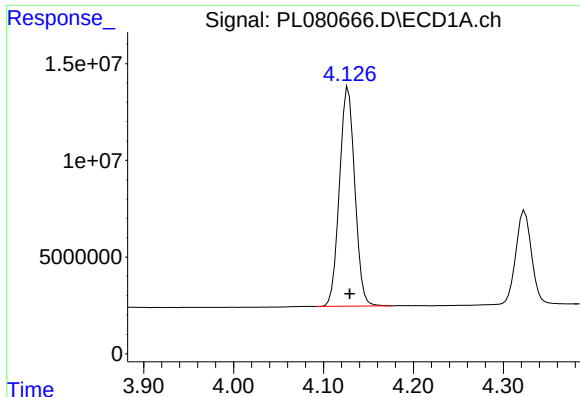
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.001 min
Response: 143792170
Conc: 45.39 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.003 min
Response: 138428051
Conc: 43.53 ng/ml



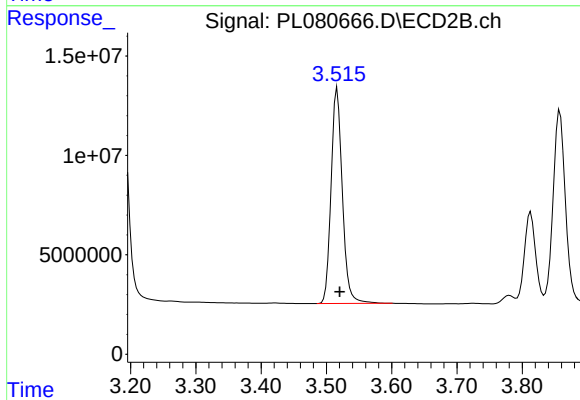
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.002 min
Response: 134324190
Conc: 45.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
JPP-11-012723MSD

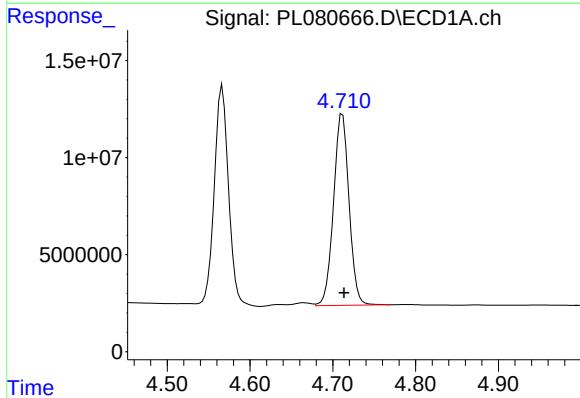
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/02/2023
Supervised By :Ankita Jodhani 02/02/2023



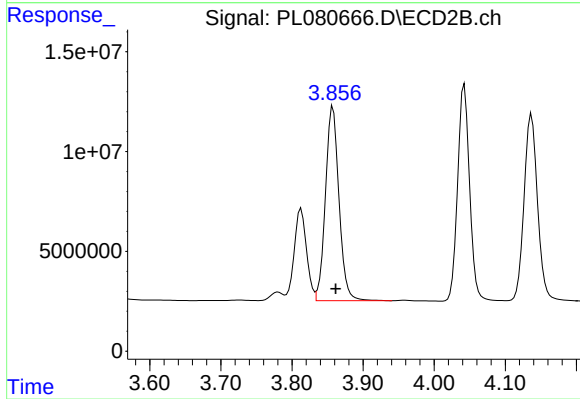
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.004 min
Response: 129913432
Conc: 43.49 ng/ml



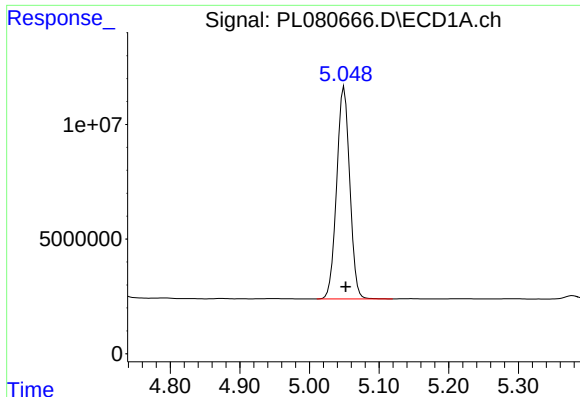
#4 Heptachlor

R.T.: 4.712 min
Delta R.T.: -0.002 min
Response: 128281051
Conc: 43.41 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.004 min
Response: 128883341
Conc: 40.50 ng/ml



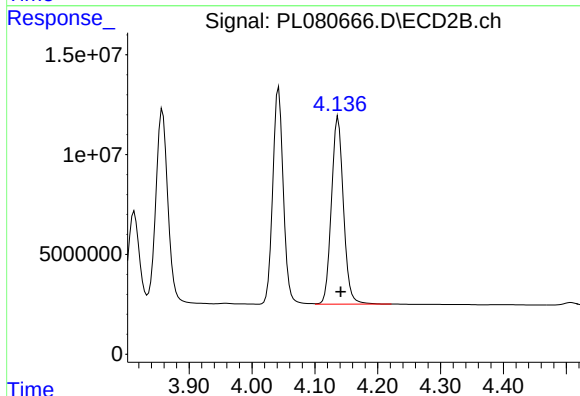
#5 Aldrin

R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 120906474
Conc: 44.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
JPP-11-012723MSD

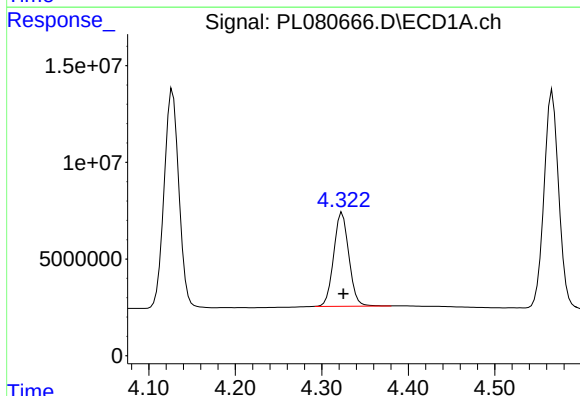
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/02/2023
Supervised By :Ankita Jodhani 02/02/2023



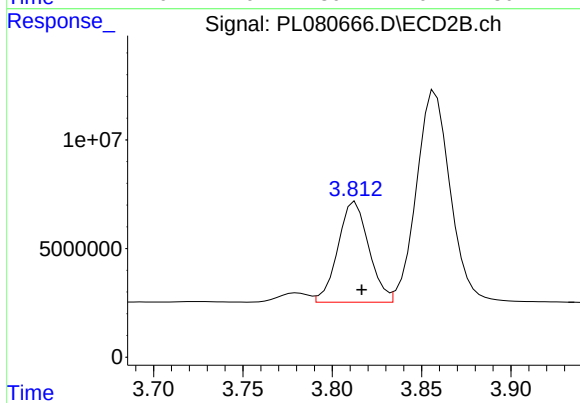
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.004 min
Response: 124349630
Conc: 42.16 ng/ml



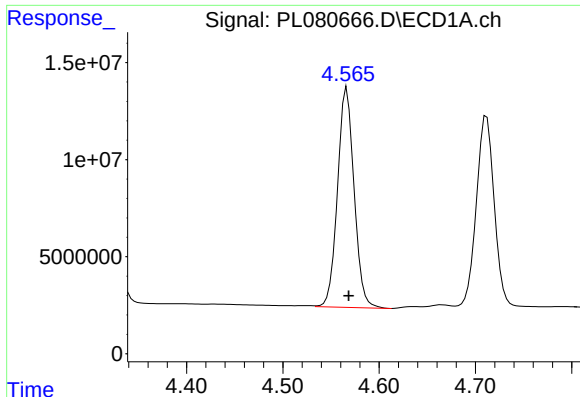
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 58792967
Conc: 43.07 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.004 min
Response: 55681810
Conc: 41.72 ng/ml



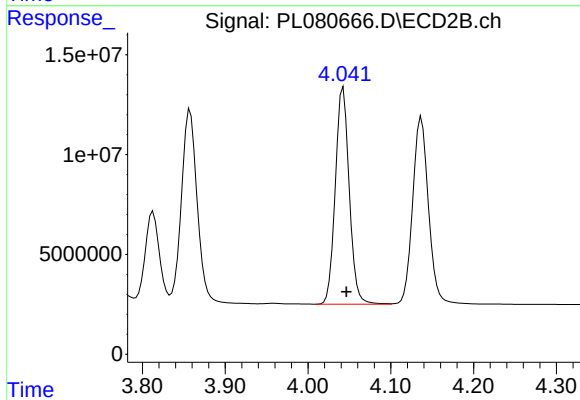
#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: -0.002 min
Response: 135019522
Conc: 46.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
JPP-11-012723MSD

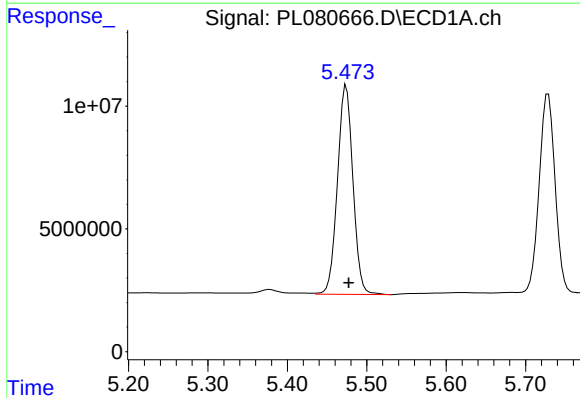
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/02/2023
Supervised By :Ankita Jodhani 02/02/2023



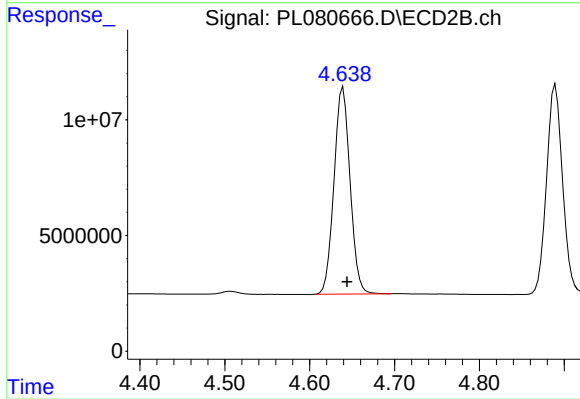
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.004 min
Response: 127149232
Conc: 44.08 ng/ml



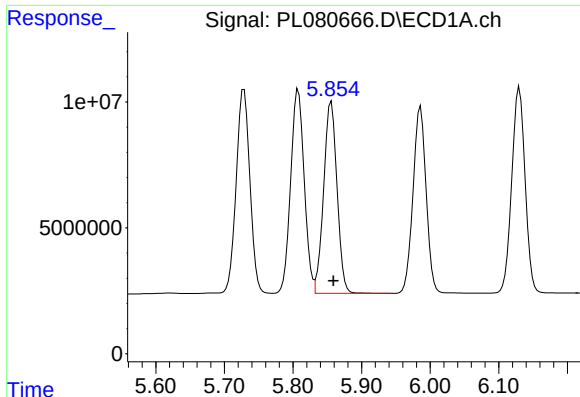
#8 Heptachlor epoxide

R.T.: 5.474 min
Delta R.T.: -0.003 min
Response: 115658855
Conc: 44.71 ng/ml



#8 Heptachlor epoxide

R.T.: 4.639 min
Delta R.T.: -0.005 min
Response: 117616996
Conc: 42.27 ng/ml



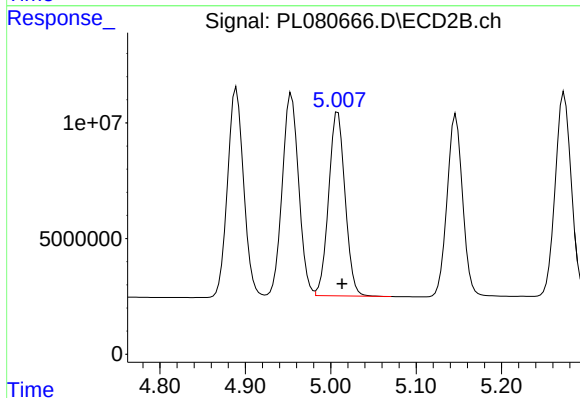
#9 Endosulfan I

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 103215607
Conc: 43.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
JPP-11-012723MSD

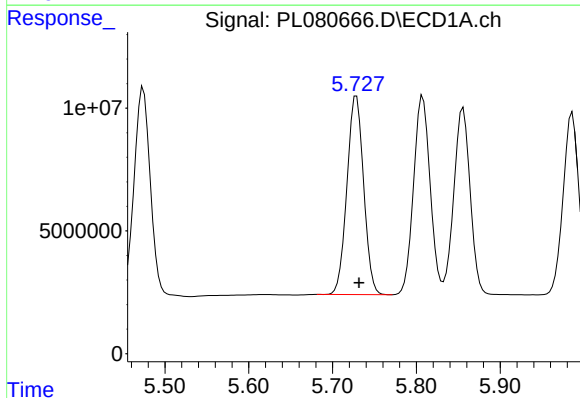
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/02/2023
Supervised By :Ankita Jodhani 02/02/2023



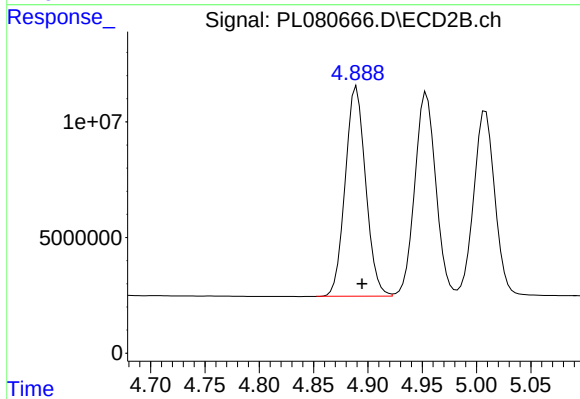
#9 Endosulfan I

R.T.: 5.008 min
Delta R.T.: -0.005 min
Response: 106314673
Conc: 40.87 ng/ml



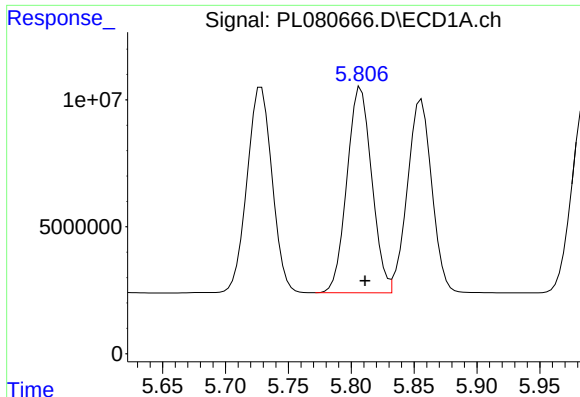
#10 gamma-Chlordane

R.T.: 5.729 min
Delta R.T.: -0.003 min
Response: 112152164
Conc: 44.40 ng/ml



#10 gamma-Chlordane

R.T.: 4.888 min
Delta R.T.: -0.006 min
Response: 118869923
Conc: 41.94 ng/ml m



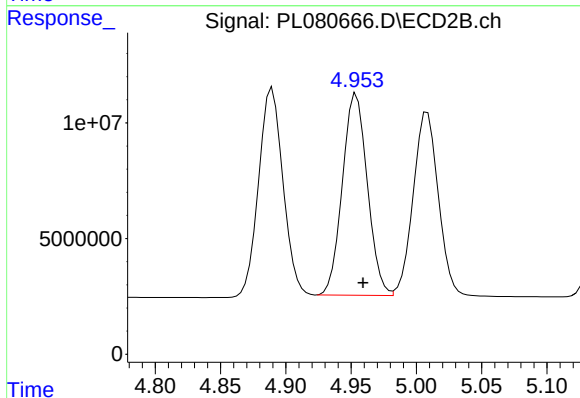
#11 alpha-Chlordane

R.T.: 5.808 min
Delta R.T.: -0.003 min
Response: 111311233
Conc: 44.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
JPP-11-012723MSD

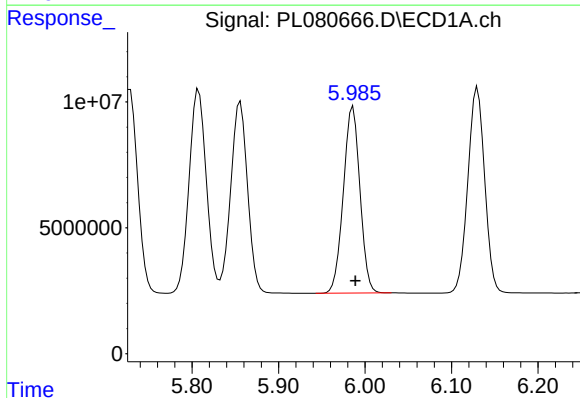
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/02/2023
Supervised By :Ankita Jodhani 02/02/2023



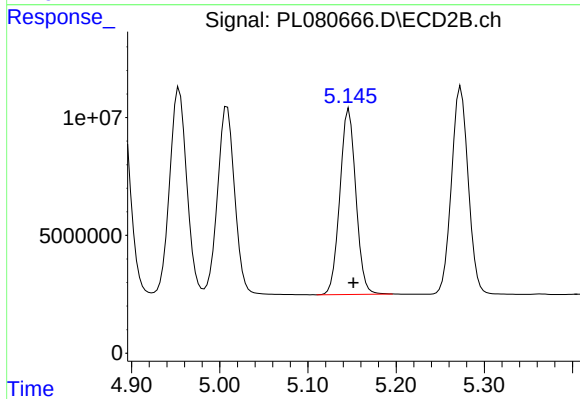
#11 alpha-Chlordane

R.T.: 4.954 min
Delta R.T.: -0.005 min
Response: 116015770
Conc: 40.50 ng/ml



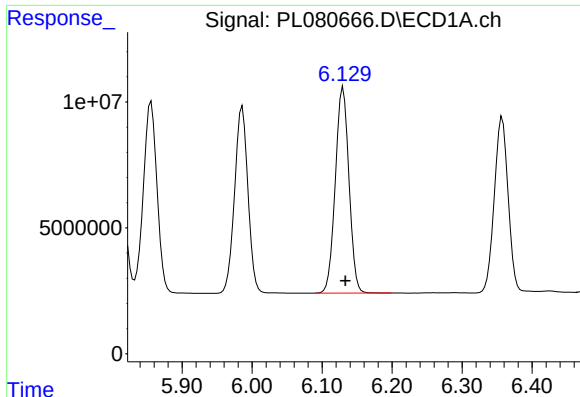
#12 4,4'-DDE

R.T.: 5.986 min
Delta R.T.: -0.003 min
Response: 98249718
Conc: 44.11 ng/ml



#12 4,4'-DDE

R.T.: 5.145 min
Delta R.T.: -0.007 min
Response: 99476015
Conc: 42.17 ng/ml m



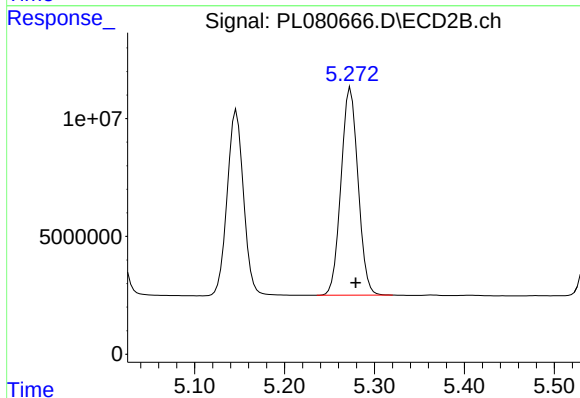
#13 Dieldrin

R.T.: 6.130 min
Delta R.T.: -0.003 min
Response: 110583288
Conc: 46.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
JPP-11-012723MSD

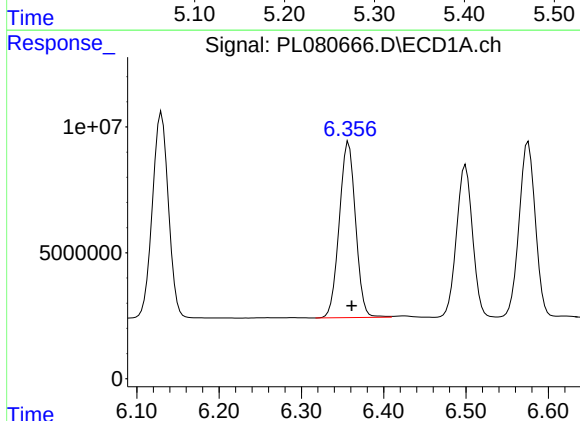
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/02/2023
Supervised By :Ankita Jodhani 02/02/2023



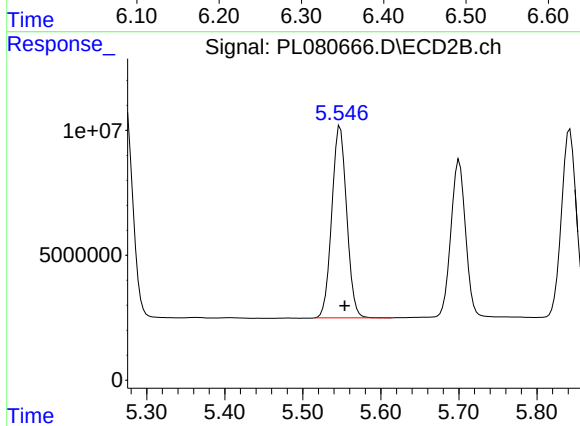
#13 Dieldrin

R.T.: 5.272 min
Delta R.T.: -0.007 min
Response: 115898757
Conc: 42.85 ng/ml m



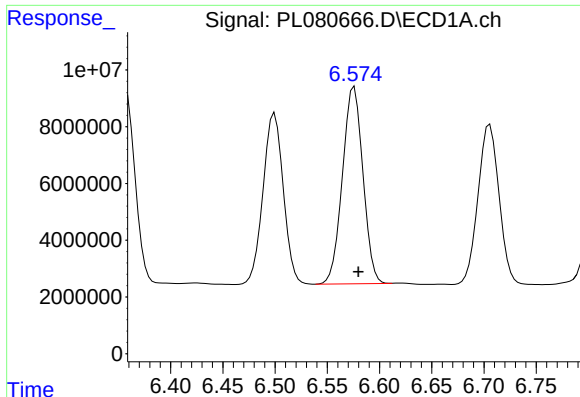
#14 Endrin

R.T.: 6.357 min
Delta R.T.: -0.004 min
Response: 96140383
Conc: 44.45 ng/ml



#14 Endrin

R.T.: 5.548 min
Delta R.T.: -0.006 min
Response: 101825929
Conc: 43.87 ng/ml



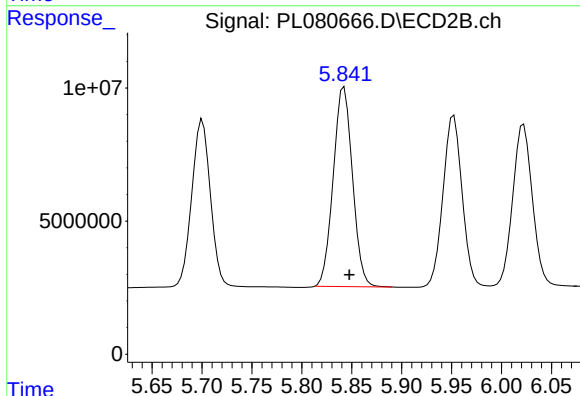
#15 Endosulfan II

R.T.: 6.576 min
Delta R.T.: -0.004 min
Response: 94751365
Conc: 41.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
JPP-11-012723MSD

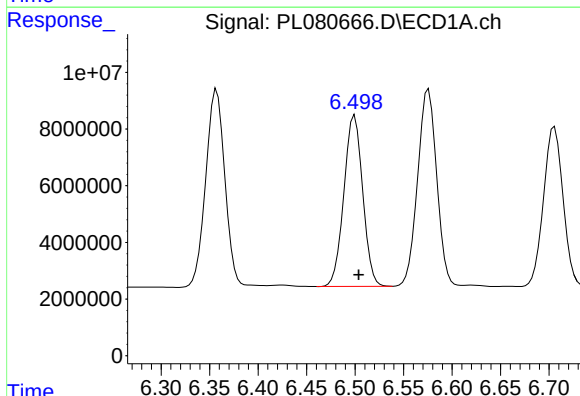
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/02/2023
Supervised By :Ankita Jodhani 02/02/2023



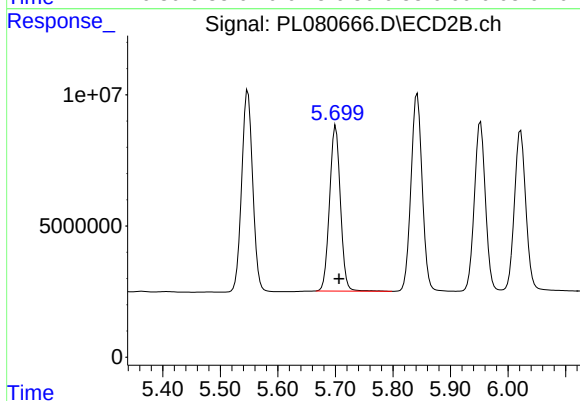
#15 Endosulfan II

R.T.: 5.842 min
Delta R.T.: -0.005 min
Response: 100510642
Conc: 48.24 ng/ml



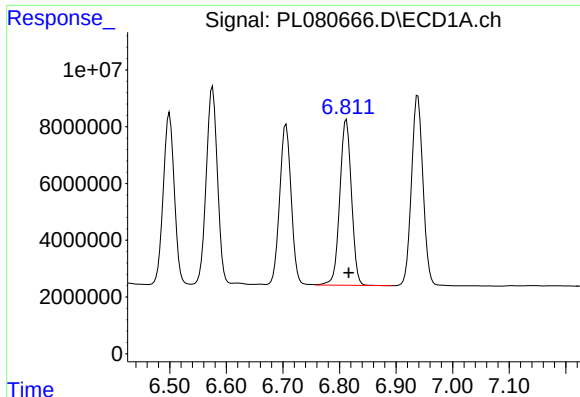
#16 4,4'-DDD

R.T.: 6.500 min
Delta R.T.: -0.004 min
Response: 81455441
Conc: 44.46 ng/ml



#16 4,4'-DDD

R.T.: 5.700 min
Delta R.T.: -0.006 min
Response: 82423806
Conc: 43.86 ng/ml



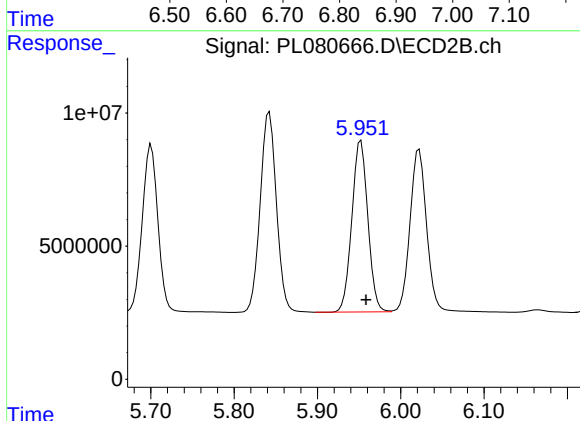
#17 4,4'-DDT

R.T.: 6.812 min
Delta R.T.: -0.004 min
Response: 83460106
Conc: 40.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
JPP-11-012723MSD

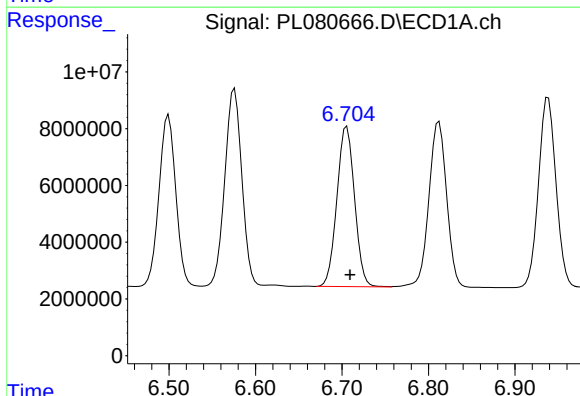
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/02/2023
Supervised By :Ankita Jodhani 02/02/2023



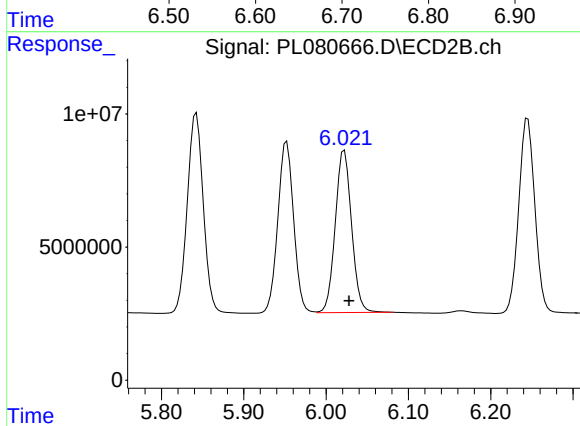
#17 4,4'-DDT

R.T.: 5.952 min
Delta R.T.: -0.006 min
Response: 85677009
Conc: 40.77 ng/ml



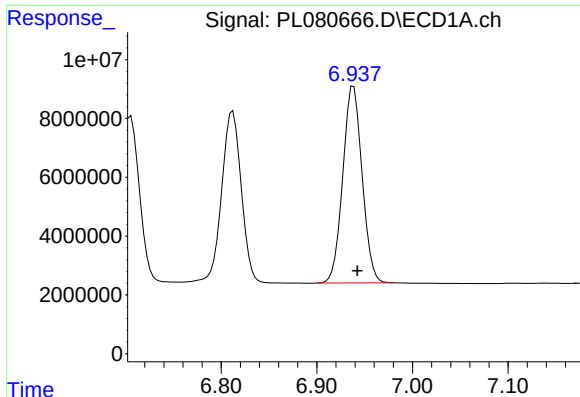
#18 Endrin aldehyde

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 79432109
Conc: 47.75 ng/ml



#18 Endrin aldehyde

R.T.: 6.022 min
Delta R.T.: -0.006 min
Response: 84037958
Conc: 46.02 ng/ml



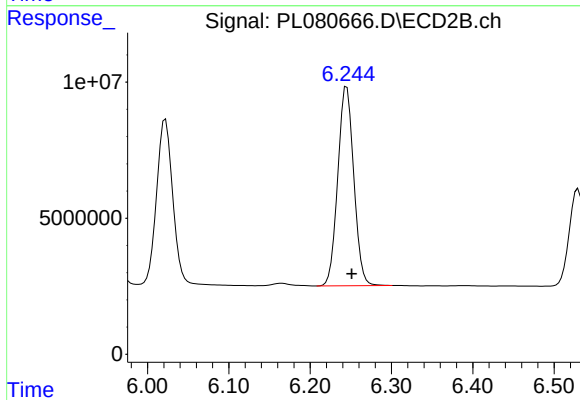
#19 Endosulfan Sulfate

R.T.: 6.938 min
Delta R.T.: -0.004 min
Response: 94245387
Conc: 45.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
JPP-11-012723MSD

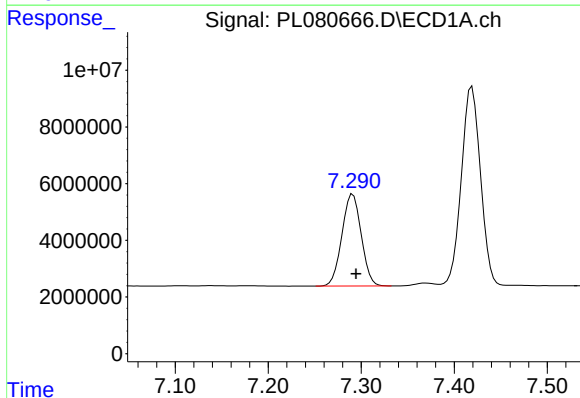
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/02/2023
Supervised By :Ankita Jodhani 02/02/2023



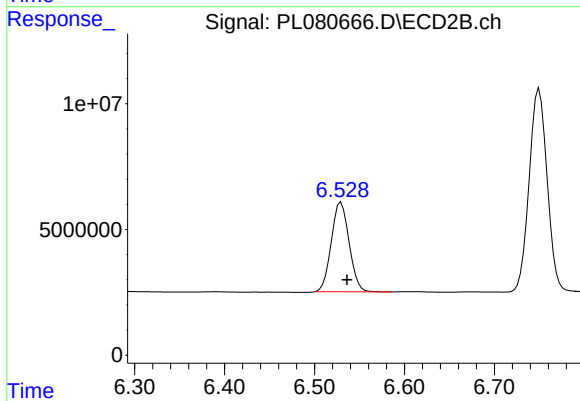
#19 Endosulfan Sulfate

R.T.: 6.245 min
Delta R.T.: -0.006 min
Response: 99955134
Conc: 42.98 ng/ml



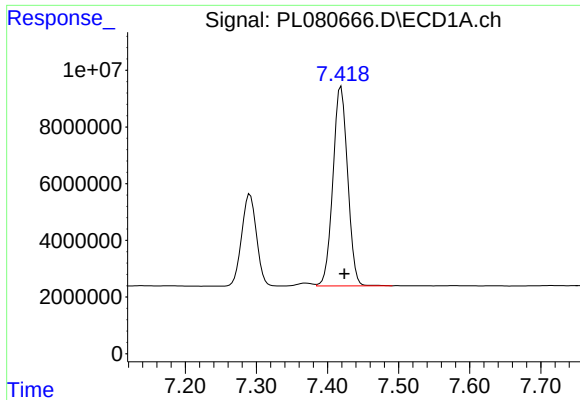
#20 Methoxychlor

R.T.: 7.291 min
Delta R.T.: -0.003 min
Response: 46826547
Conc: 42.44 ng/ml



#20 Methoxychlor

R.T.: 6.529 min
Delta R.T.: -0.007 min
Response: 49072837
Conc: 40.44 ng/ml



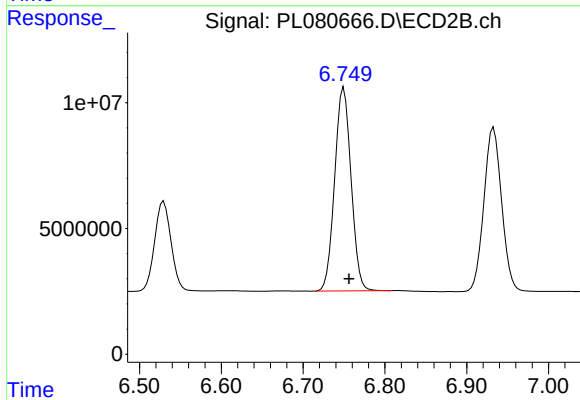
#21 Endrin ketone

R.T.: 7.419 min
Delta R.T.: -0.005 min
Response: 101092238
Conc: 45.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
JPP-11-012723MSD

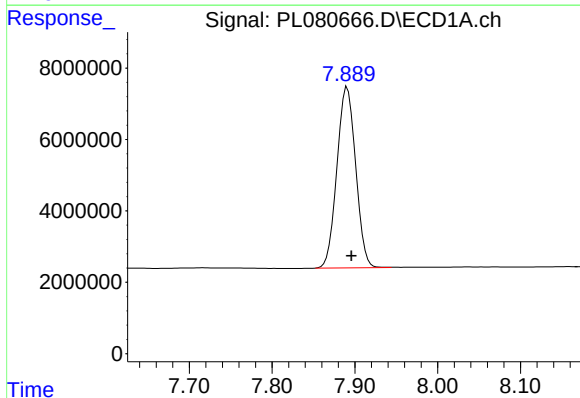
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/02/2023
Supervised By :Ankita Jodhani 02/02/2023



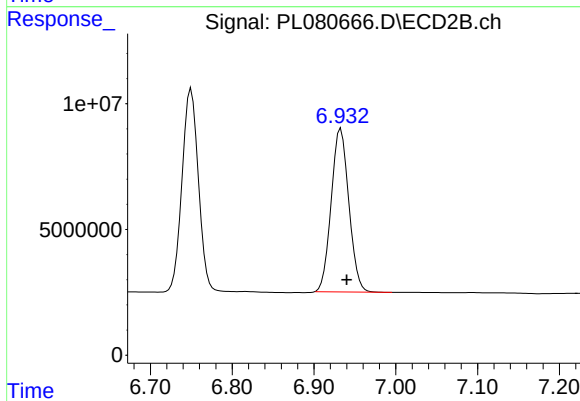
#21 Endrin ketone

R.T.: 6.750 min
Delta R.T.: -0.006 min
Response: 112572685
Conc: 44.09 ng/ml



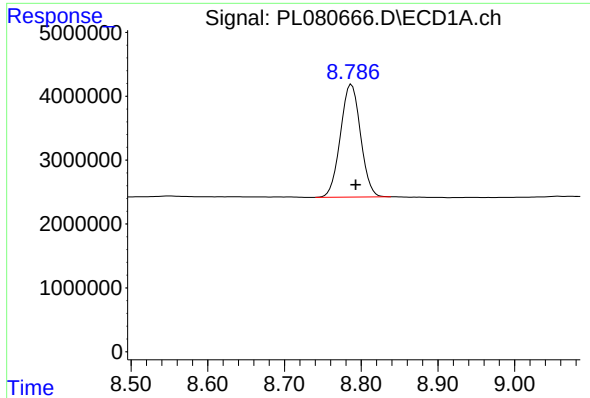
#22 Mirex

R.T.: 7.891 min
Delta R.T.: -0.005 min
Response: 79845505
Conc: 46.43 ng/ml



#22 Mirex

R.T.: 6.933 min
Delta R.T.: -0.007 min
Response: 97282602
Conc: 42.73 ng/ml



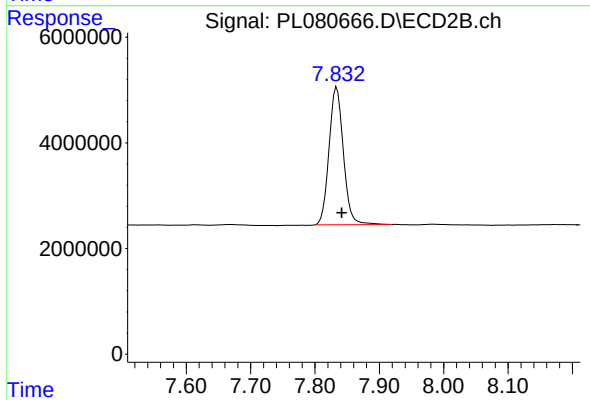
#28 Decachlorobiphenyl

R.T.: 8.787 min
Delta R.T.: -0.006 min
Response: 32304399
Conc: 18.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
JPP-11-012723MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/02/2023
Supervised By :Ankita Jodhani 02/02/2023



#28 Decachlorobiphenyl

R.T.: 7.834 min
Delta R.T.: -0.008 min
Response: 40336667
Conc: 16.93 ng/ml