

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030923\
 Data File : PL081373.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Mar 2023 18:16
 Operator : AR\AJ
 Sample : 01846-04MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-4MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/10/2023
 Supervised By : Ankita Jodhani 03/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 09 20:32:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 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...	3.333	2.663	44064379	37292360	20.395	18.427
28)	SA Decachlor...	8.756	7.785	27793165	30521771	18.231	15.934
Target Compounds							
2)	A alpha-BHC	3.782	3.163	154.5E6	130.8E6	48.558	44.623
3)	MA gamma-BHC...	4.111	3.492	146.9E6	130.3E6	49.644	47.377
4)	MA Heptachlor	4.690	3.826	134.8E6	123.2E6	48.869	44.631
5)	MB Aldrin	5.028	4.104	131.7E6	118.3E6	51.765	45.111
6)	B beta-BHC	4.313	3.791	66810567	54128759	48.537	46.638
7)	B delta-BHC	4.555	4.019	119.8E6	101.7E6	43.105	39.947
8)	B Heptachlo...	5.454	4.606	117.5E6	110.5E6	49.808	45.687
9)	A Endosulfan I	5.834	4.974	106.2E6	100.4E6	50.261	44.359
10)	B gamma-Chl...	5.708	4.855	116.4E6	109.2E6	51.009	44.593
11)	B alpha-Chl...	5.786	4.918	115.0E6	110.0E6	51.041	44.920
12)	B 4,4'-DDE	5.964	5.109	98154789	90994544	50.166	46.358
13)	MA Dieldrin	6.109	5.238	109.2E6	107.1E6	52.156	47.487
14)	MA Endrin	6.336	5.513	94426045	93328056	51.954	46.440
15)	B Endosulfa...	6.557	5.809	93579871	90001175	53.674	48.815
16)	A 4,4'-DDD	6.479	5.664	80694841	71618370	52.421	46.684
17)	MA 4,4'-DDT	6.791	5.913	82156865	75952296	51.759	47.343
18)	B Endrin al...	6.686	5.989	69962503	68008191	48.879m	44.889
19)	B Endosulfa...	6.922	6.212	88093177	83948222	49.063	43.676
20)	A Methoxychlor	7.271	6.493	46348637	45722801	53.808	49.265
21)	B Endrin ke...	7.402	6.718	96131705	99260806	52.994	46.102
22)	Mirex	7.866	6.890	74830237	84472675	51.285	43.890

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030923\
Data File : PL081373.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Mar 2023 18:16
Operator : AR\AJ
Sample : 01846-04MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

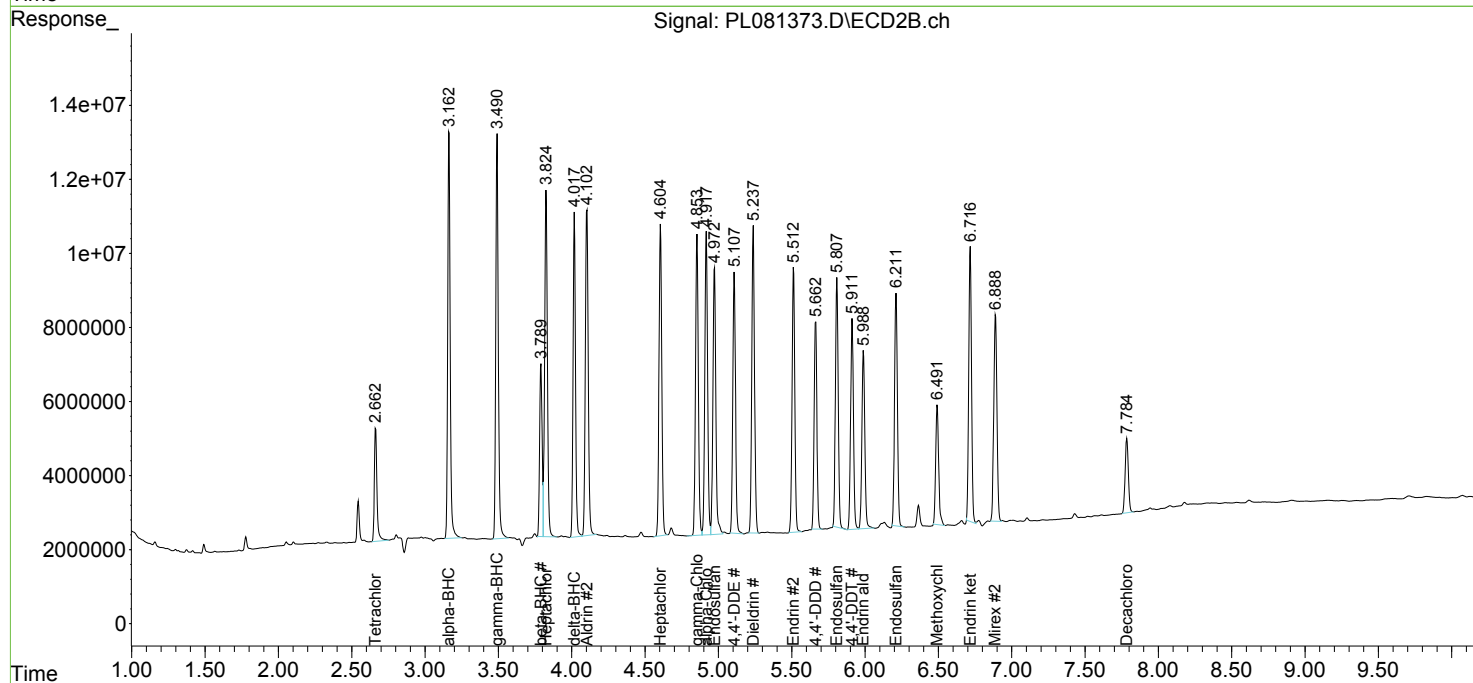
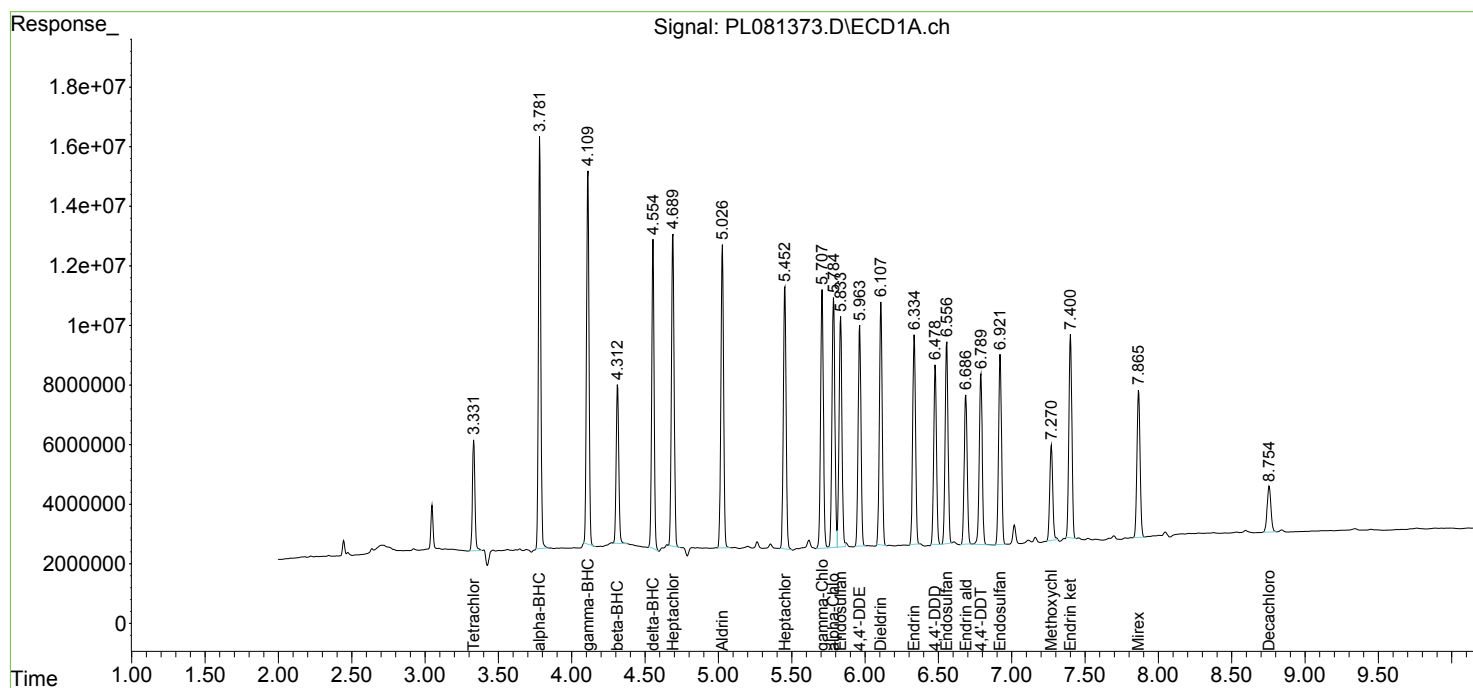
Instrument :
ECD_L
ClientSampleId :
TP-4MSD

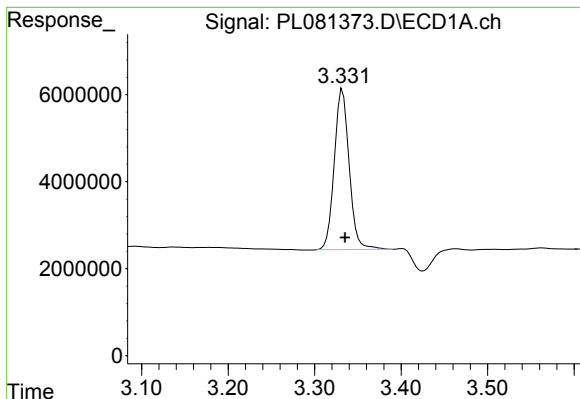
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2023
Supervised By :Ankita Jodhani 03/10/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 09 20:32:49 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
Quant Title : GC Extractables
QLast Update : Fri Mar 03 01:48:45 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





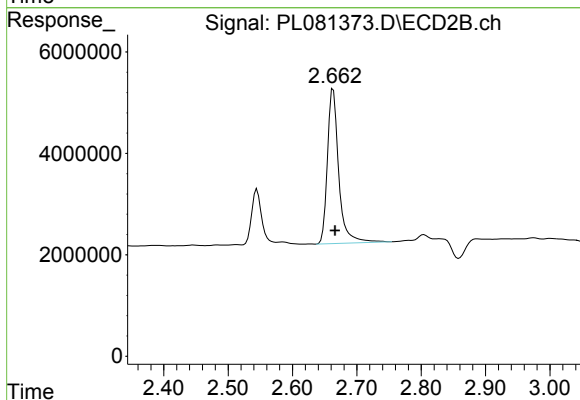
#1 Tetrachloro-m-xylene

R.T.: 3.333 min
Delta R.T.: -0.002 min
Response: 44064379
Conc: 20.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

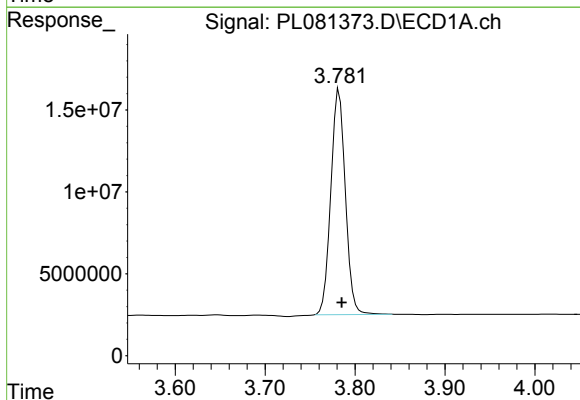
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2023
Supervised By :Ankita Jodhani 03/10/2023



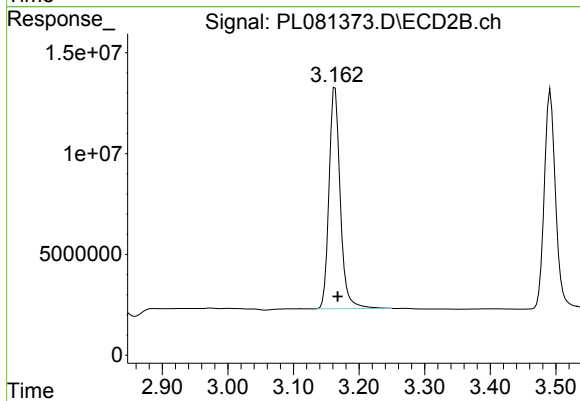
#1 Tetrachloro-m-xylene

R.T.: 2.663 min
Delta R.T.: -0.003 min
Response: 37292360
Conc: 18.43 ng/ml



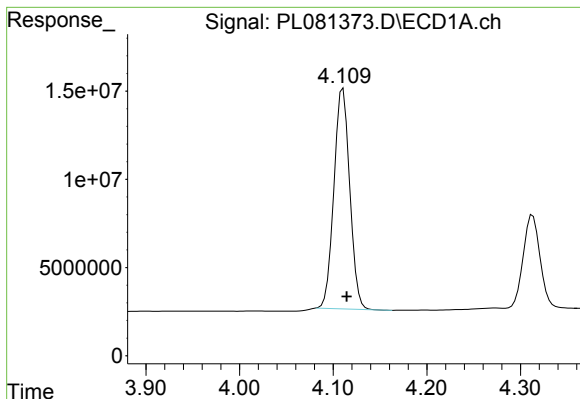
#2 alpha-BHC

R.T.: 3.782 min
Delta R.T.: -0.003 min
Response: 154475402
Conc: 48.56 ng/ml



#2 alpha-BHC

R.T.: 3.163 min
Delta R.T.: -0.004 min
Response: 130774568
Conc: 44.62 ng/ml



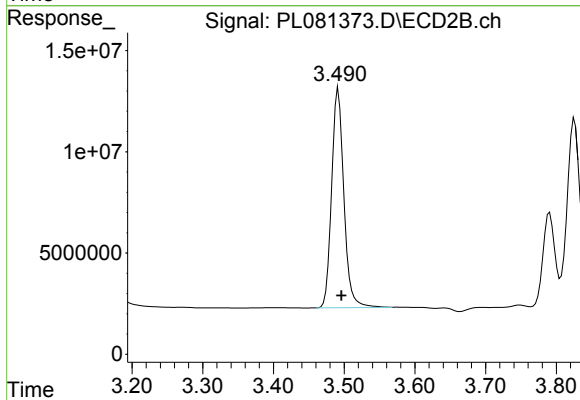
#3 gamma-BHC (Lindane)

R.T.: 4.111 min
Delta R.T.: -0.004 min
Response: 146876374
Conc: 49.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

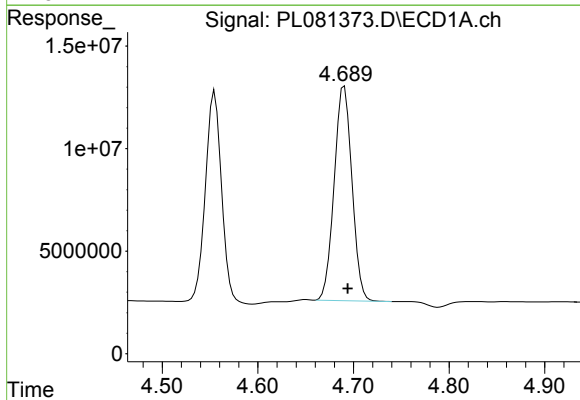
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2023
Supervised By :Ankita Jodhani 03/10/2023



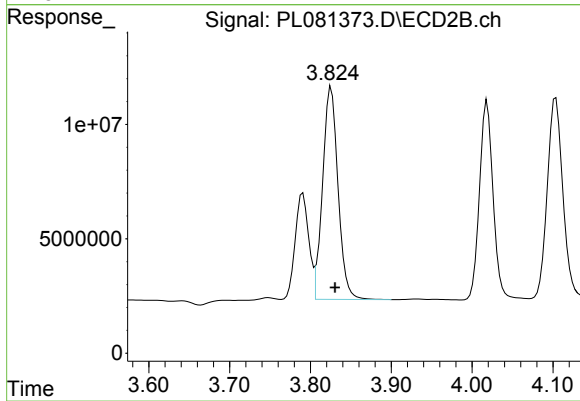
#3 gamma-BHC (Lindane)

R.T.: 3.492 min
Delta R.T.: -0.005 min
Response: 130336335
Conc: 47.38 ng/ml



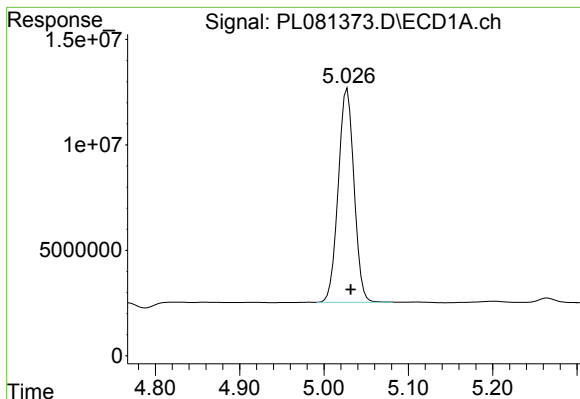
#4 Heptachlor

R.T.: 4.690 min
Delta R.T.: -0.004 min
Response: 134848235
Conc: 48.87 ng/ml



#4 Heptachlor

R.T.: 3.826 min
Delta R.T.: -0.005 min
Response: 123161120
Conc: 44.63 ng/ml



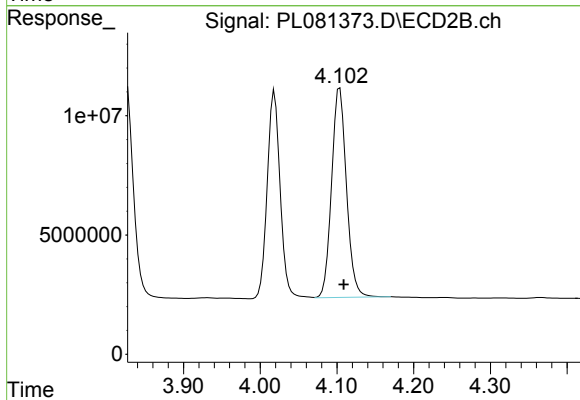
#5 Aldrin

R.T.: 5.028 min
Delta R.T.: -0.004 min
Response: 131697338
Conc: 51.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

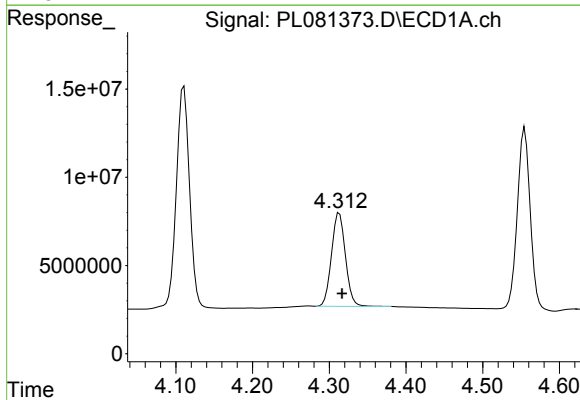
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2023
Supervised By :Ankita Jodhani 03/10/2023



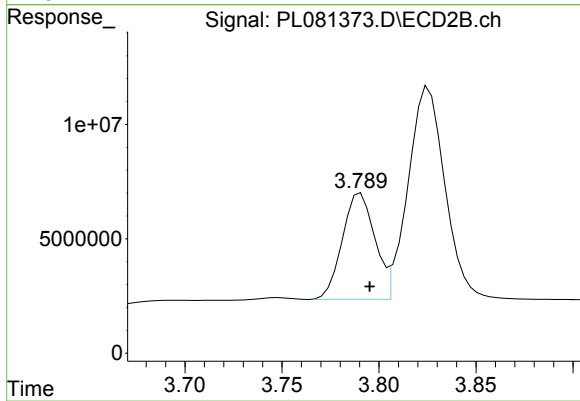
#5 Aldrin

R.T.: 4.104 min
Delta R.T.: -0.005 min
Response: 118269897
Conc: 45.11 ng/ml



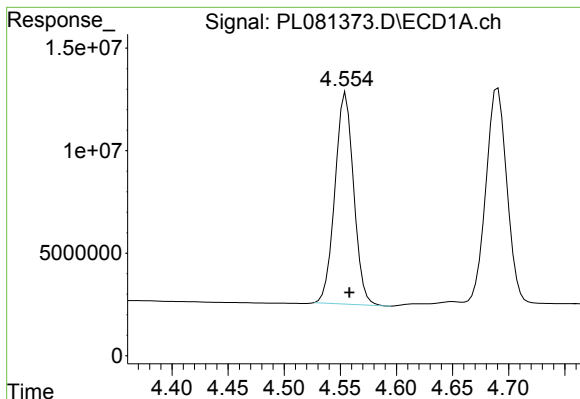
#6 beta-BHC

R.T.: 4.313 min
Delta R.T.: -0.003 min
Response: 66810567
Conc: 48.54 ng/ml



#6 beta-BHC

R.T.: 3.791 min
Delta R.T.: -0.005 min
Response: 54128759
Conc: 46.64 ng/ml



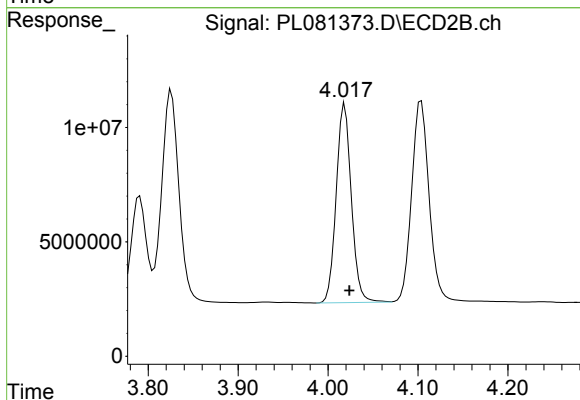
#7 delta-BHC

R.T.: 4.555 min
Delta R.T.: -0.003 min
Response: 119796653
Conc: 43.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

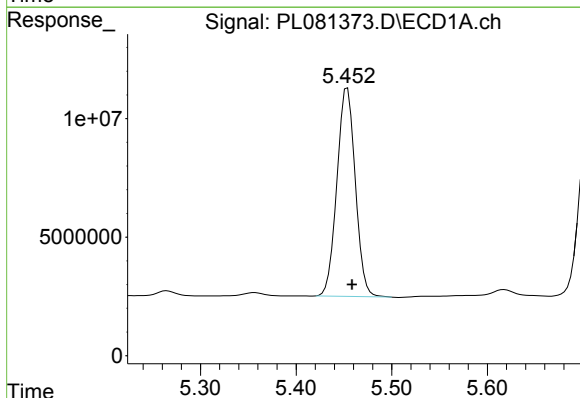
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2023
Supervised By :Ankita Jodhani 03/10/2023



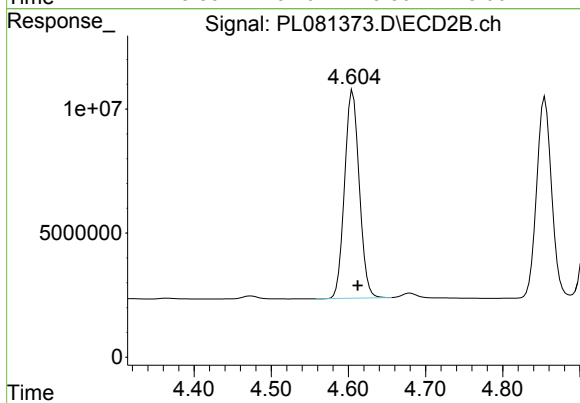
#7 delta-BHC

R.T.: 4.019 min
Delta R.T.: -0.005 min
Response: 101731587
Conc: 39.95 ng/ml



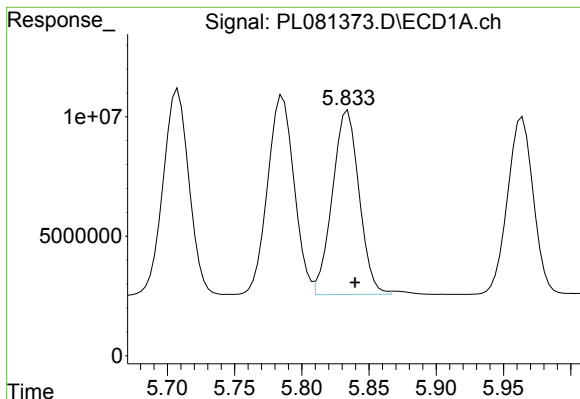
#8 Heptachlor epoxide

R.T.: 5.454 min
Delta R.T.: -0.005 min
Response: 117547427
Conc: 49.81 ng/ml



#8 Heptachlor epoxide

R.T.: 4.606 min
Delta R.T.: -0.006 min
Response: 110475370
Conc: 45.69 ng/ml



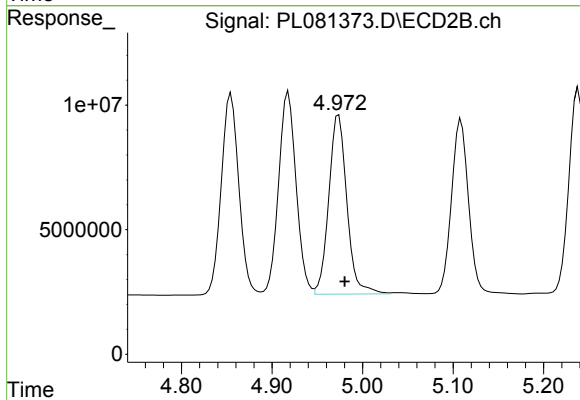
#9 Endosulfan I

R.T.: 5.834 min
Delta R.T.: -0.005 min
Response: 106186660
Conc: 50.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

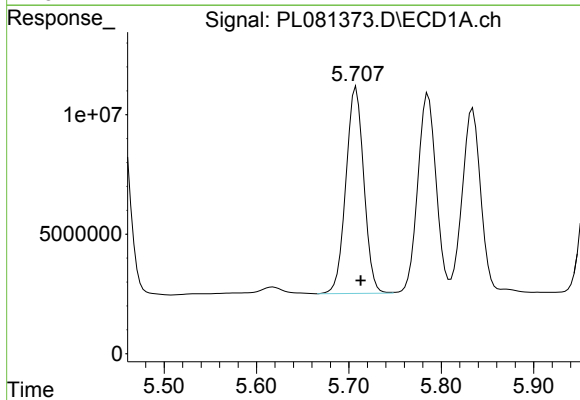
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2023
Supervised By :Ankita Jodhani 03/10/2023



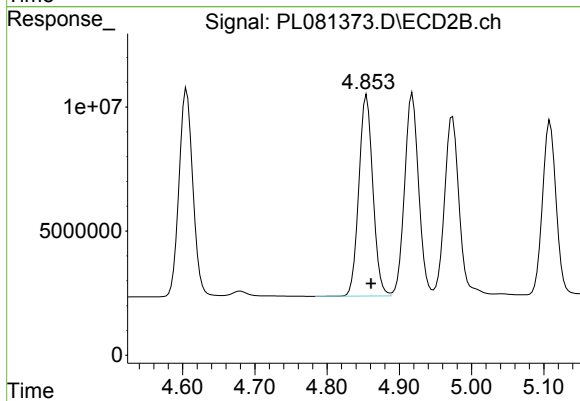
#9 Endosulfan I

R.T.: 4.974 min
Delta R.T.: -0.007 min
Response: 100414754
Conc: 44.36 ng/ml



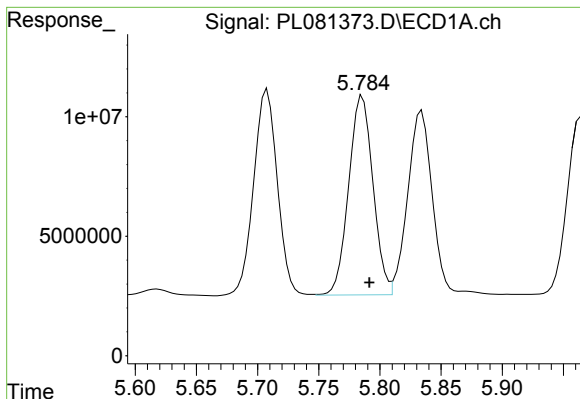
#10 gamma-Chlordane

R.T.: 5.708 min
Delta R.T.: -0.005 min
Response: 116397811
Conc: 51.01 ng/ml



#10 gamma-Chlordane

R.T.: 4.855 min
Delta R.T.: -0.006 min
Response: 109153906
Conc: 44.59 ng/ml



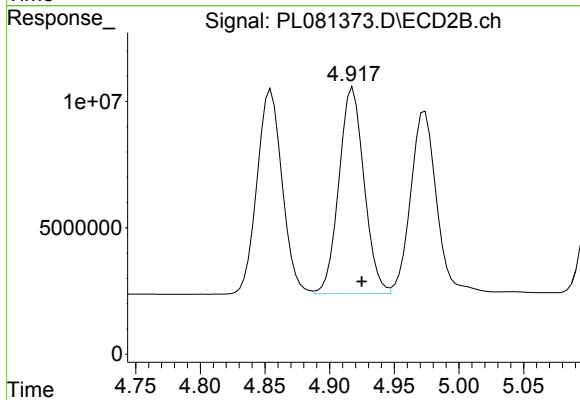
#11 alpha-Chlordane

R.T.: 5.786 min
Delta R.T.: -0.006 min
Response: 114991721
Conc: 51.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

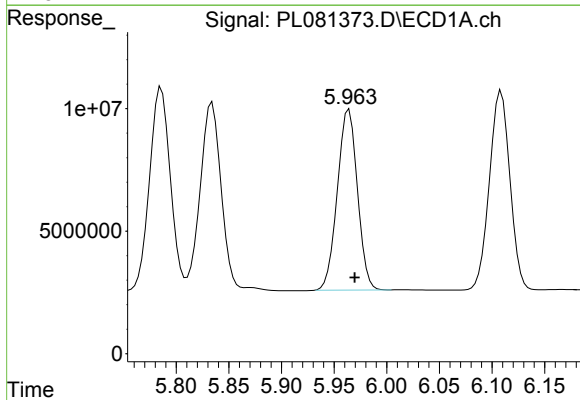
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2023
Supervised By :Ankita Jodhani 03/10/2023



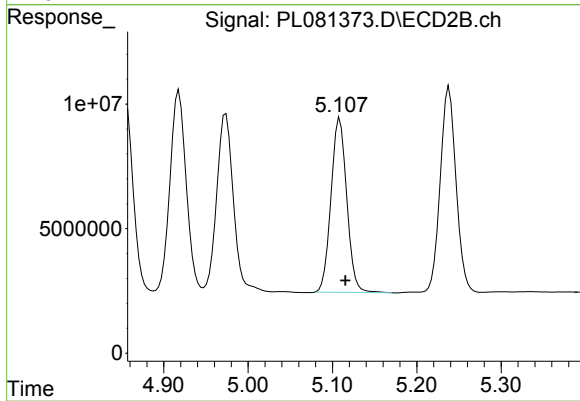
#11 alpha-Chlordane

R.T.: 4.918 min
Delta R.T.: -0.007 min
Response: 109988835
Conc: 44.92 ng/ml



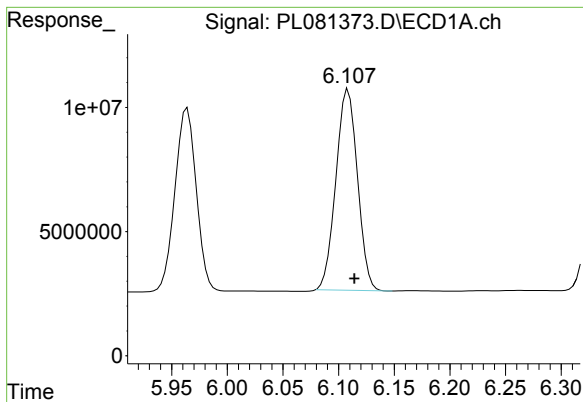
#12 4,4'-DDE

R.T.: 5.964 min
Delta R.T.: -0.005 min
Response: 98154789
Conc: 50.17 ng/ml



#12 4,4'-DDE

R.T.: 5.109 min
Delta R.T.: -0.007 min
Response: 90994544
Conc: 46.36 ng/ml



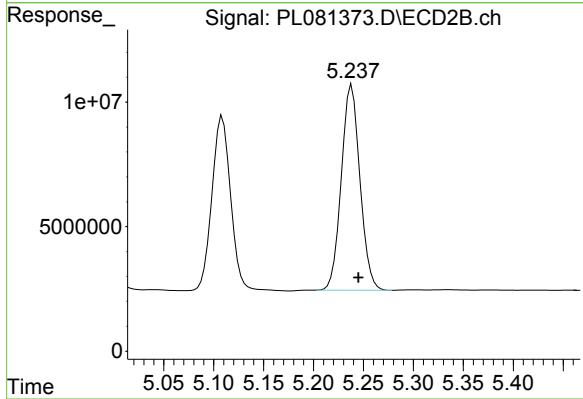
#13 Dieldrin

R.T.: 6.109 min
Delta R.T.: -0.006 min
Response: 109162689
Conc: 52.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

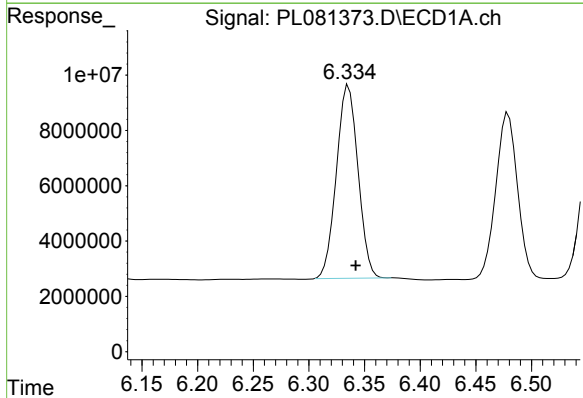
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2023
Supervised By :Ankita Jodhani 03/10/2023



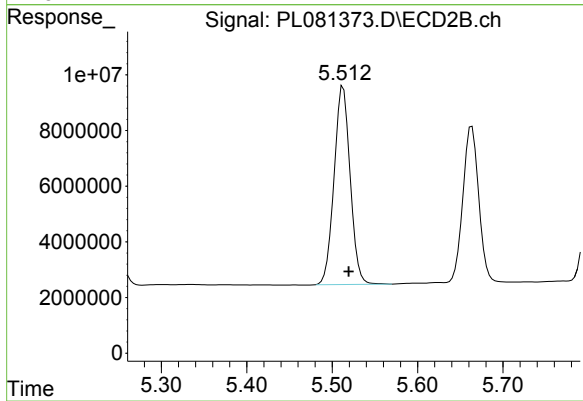
#13 Dieldrin

R.T.: 5.238 min
Delta R.T.: -0.007 min
Response: 107052492
Conc: 47.49 ng/ml



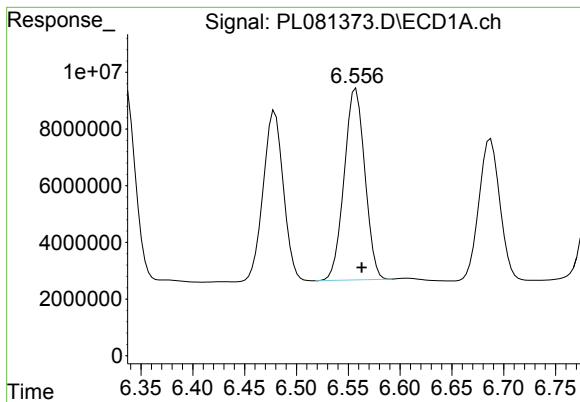
#14 Endrin

R.T.: 6.336 min
Delta R.T.: -0.006 min
Response: 94426045
Conc: 51.95 ng/ml



#14 Endrin

R.T.: 5.513 min
Delta R.T.: -0.006 min
Response: 93328056
Conc: 46.44 ng/ml



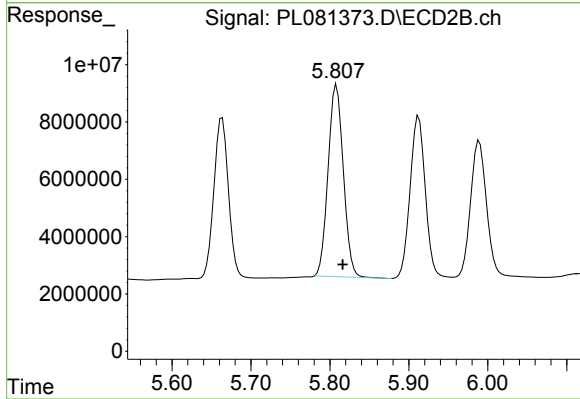
#15 Endosulfan II

R.T.: 6.557 min
Delta R.T.: -0.006 min
Response: 93579871
Conc: 53.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

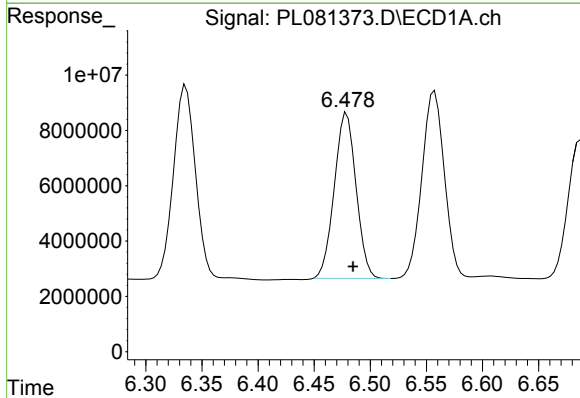
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2023
Supervised By :Ankita Jodhani 03/10/2023



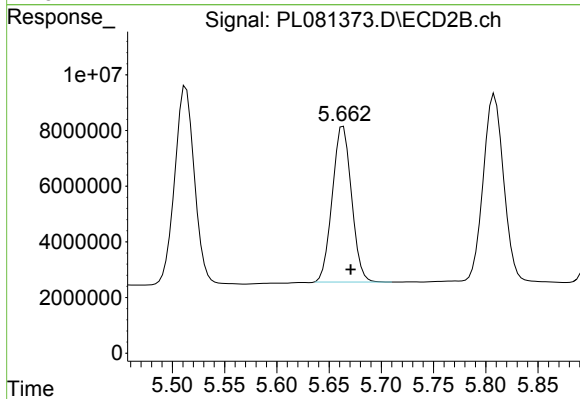
#15 Endosulfan II

R.T.: 5.809 min
Delta R.T.: -0.008 min
Response: 90001175
Conc: 48.82 ng/ml



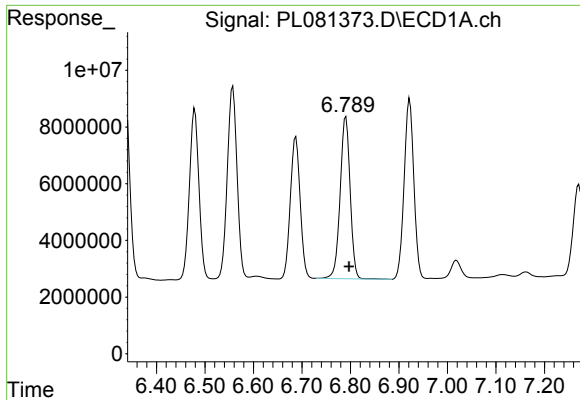
#16 4,4'-DDD

R.T.: 6.479 min
Delta R.T.: -0.006 min
Response: 80694841
Conc: 52.42 ng/ml



#16 4,4'-DDD

R.T.: 5.664 min
Delta R.T.: -0.007 min
Response: 71618370
Conc: 46.68 ng/ml



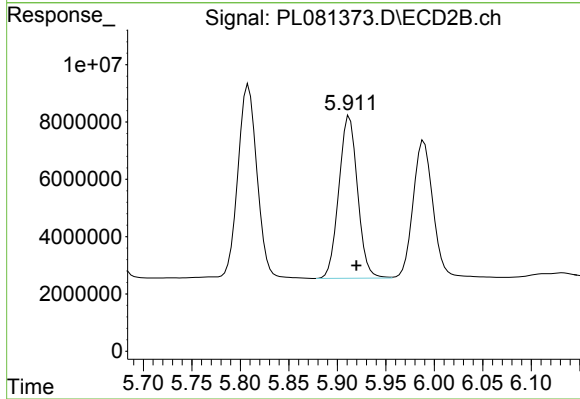
#17 4,4'-DDT

R.T.: 6.791 min
Delta R.T.: -0.006 min
Response: 82156865
Conc: 51.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

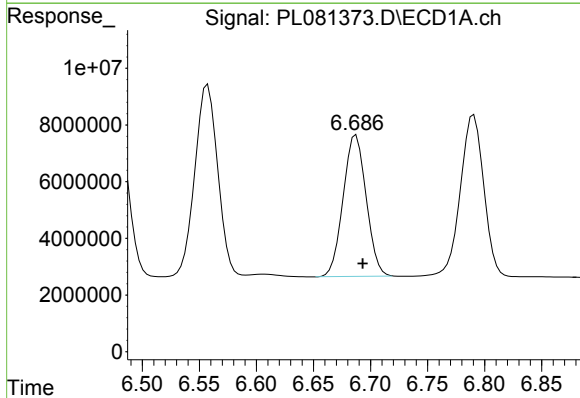
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2023
Supervised By :Ankita Jodhani 03/10/2023



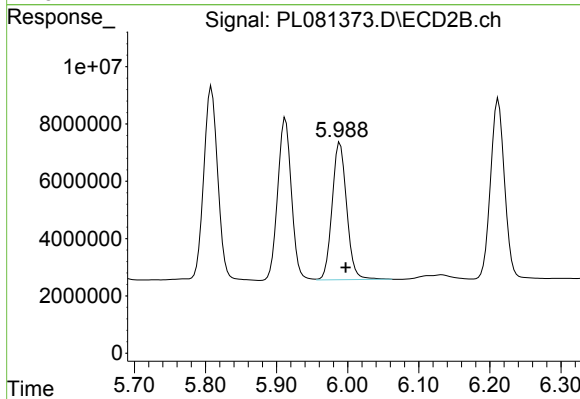
#17 4,4'-DDT

R.T.: 5.913 min
Delta R.T.: -0.007 min
Response: 75952296
Conc: 47.34 ng/ml



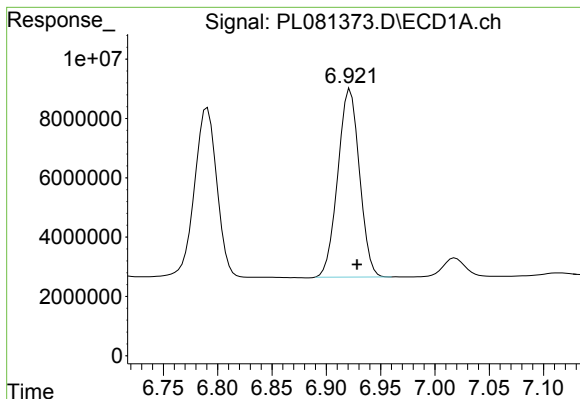
#18 Endrin aldehyde

R.T.: 6.686 min
Delta R.T.: -0.007 min
Response: 69962503
Conc: 48.88 ng/ml m



#18 Endrin aldehyde

R.T.: 5.989 min
Delta R.T.: -0.008 min
Response: 68008191
Conc: 44.89 ng/ml



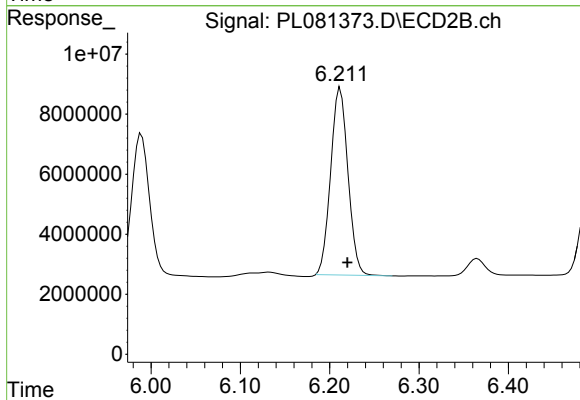
#19 Endosulfan Sulfate

R.T.: 6.922 min
Delta R.T.: -0.006 min
Response: 88093177
Conc: 49.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

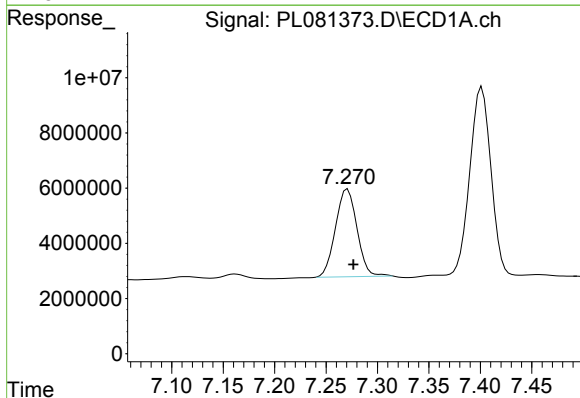
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2023
Supervised By :Ankita Jodhani 03/10/2023



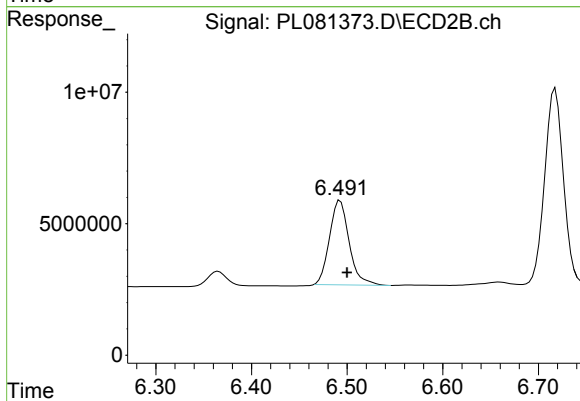
#19 Endosulfan Sulfate

R.T.: 6.212 min
Delta R.T.: -0.008 min
Response: 83948222
Conc: 43.68 ng/ml



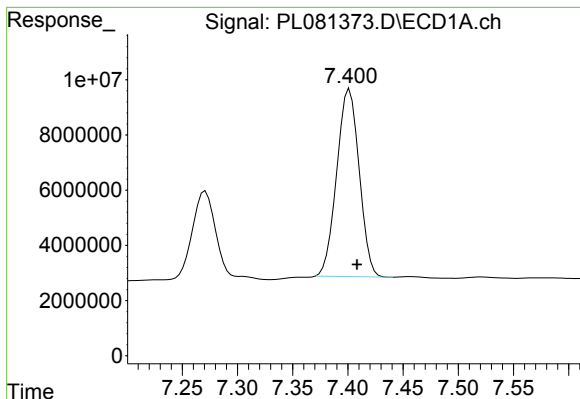
#20 Methoxychlor

R.T.: 7.271 min
Delta R.T.: -0.006 min
Response: 46348637
Conc: 53.81 ng/ml



#20 Methoxychlor

R.T.: 6.493 min
Delta R.T.: -0.007 min
Response: 45722801
Conc: 49.27 ng/ml



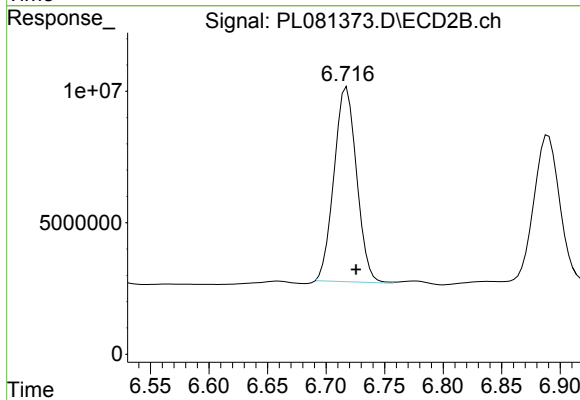
#21 Endrin ketone

R.T.: 7.402 min
Delta R.T.: -0.007 min
Response: 96131705
Conc: 52.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

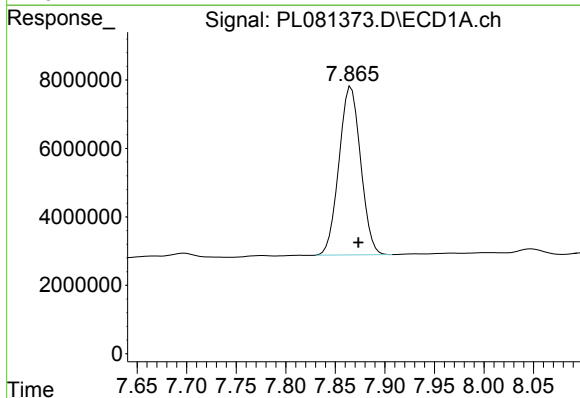
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2023
Supervised By :Ankita Jodhani 03/10/2023



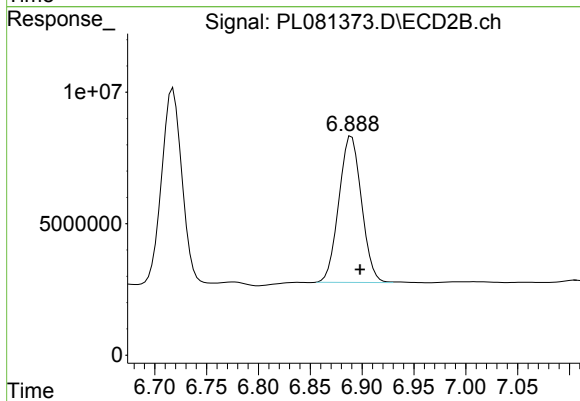
#21 Endrin ketone

R.T.: 6.718 min
Delta R.T.: -0.008 min
Response: 99260806
Conc: 46.10 ng/ml



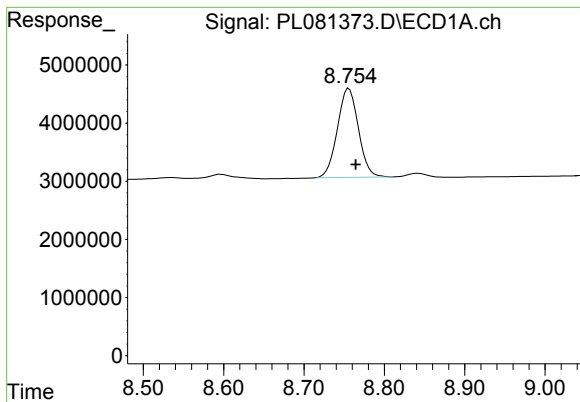
#22 Mirex

R.T.: 7.866 min
Delta R.T.: -0.007 min
Response: 74830237
Conc: 51.28 ng/ml



#22 Mirex

R.T.: 6.890 min
Delta R.T.: -0.008 min
Response: 84472675
Conc: 43.89 ng/ml



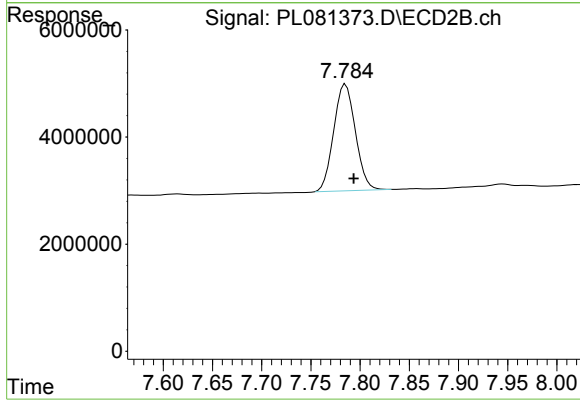
#28 Decachlorobiphenyl

R.T.: 8.756 min
Delta R.T.: -0.008 min
Response: 27793165
Conc: 18.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2023
Supervised By :Ankita Jodhani 03/10/2023



#28 Decachlorobiphenyl

R.T.: 7.785 min
Delta R.T.: -0.008 min
Response: 30521771
Conc: 15.93 ng/ml