

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030723\
 Data File : PL081301.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2023 16:44
 Operator : AR\AJ
 Sample : 01767-04MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 CE-45-030123MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/08/2023
 Supervised By :Ankita Jodhani 03/08/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 19:44:29 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...	3.335	2.665	42247530	35876845	19.554	17.727
28)	SA Decachlor...	8.763	7.790	34931289	39903985	22.913	20.832
Target Compounds							
2)	A alpha-BHC	3.785	3.166	158.0E6	137.4E6	49.662	46.869
3)	MA gamma-BHC...	4.113	3.494	159.2E6	139.3E6	53.799	50.645
4)	MA Heptachlor	4.694	3.828	143.2E6	130.4E6	51.887	47.239
5)	MB Aldrin	5.031	4.106	140.8E6	131.6E6	55.340	50.204
6)	B beta-BHC	4.316	3.793	69612097	54503835	50.573	46.961
7)	B delta-BHC	4.558	4.021	145.4E6	120.7E6	52.335	47.392
8)	B Heptachlo...	5.457	4.608	123.0E6	120.8E6	52.098	49.963
9)	A Endosulfan I	5.838	4.976	113.7E6	109.9E6	53.824	48.556
10)	B gamma-Chl...	5.711	4.858	127.3E6	120.3E6	55.773	49.164
11)	B alpha-Chl...	5.790	4.921	123.4E6	120.5E6	54.765	49.209
12)	B 4,4'-DDE	5.968	5.112	109.5E6	104.1E6	55.956	53.025
13)	MA Dieldrin	6.113	5.241	119.0E6	117.3E6	56.877	52.020
14)	MA Endrin	6.340	5.516	100.1E6	100.6E6	55.073	50.083
15)	B Endosulfa...	6.562	5.813	100.8E6	100.3E6	57.792	54.395
16)	A 4,4'-DDD	6.484	5.667	91206850	87940919	59.249	57.324
17)	MA 4,4'-DDT	6.796	5.916	81922905	81316008	51.611	50.686
18)	B Endrin al...	6.691	5.993	80636294	81057150	56.336m	53.501
19)	B Endosulfa...	6.927	6.216	95289936	95628268	53.072	49.753
20)	A Methoxychlor	7.276	6.496	46662104	46510023	54.172	50.114
21)	B Endrin ke...	7.406	6.722	105.4E6	110.6E6	58.113	51.383
22)	Mirex	7.872	6.894	78944597	92331013	54.105	47.973

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030723\
Data File : PL081301.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2023 16:44
Operator : AR\AJ
Sample : 01767-04MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

CE-45-030123MS

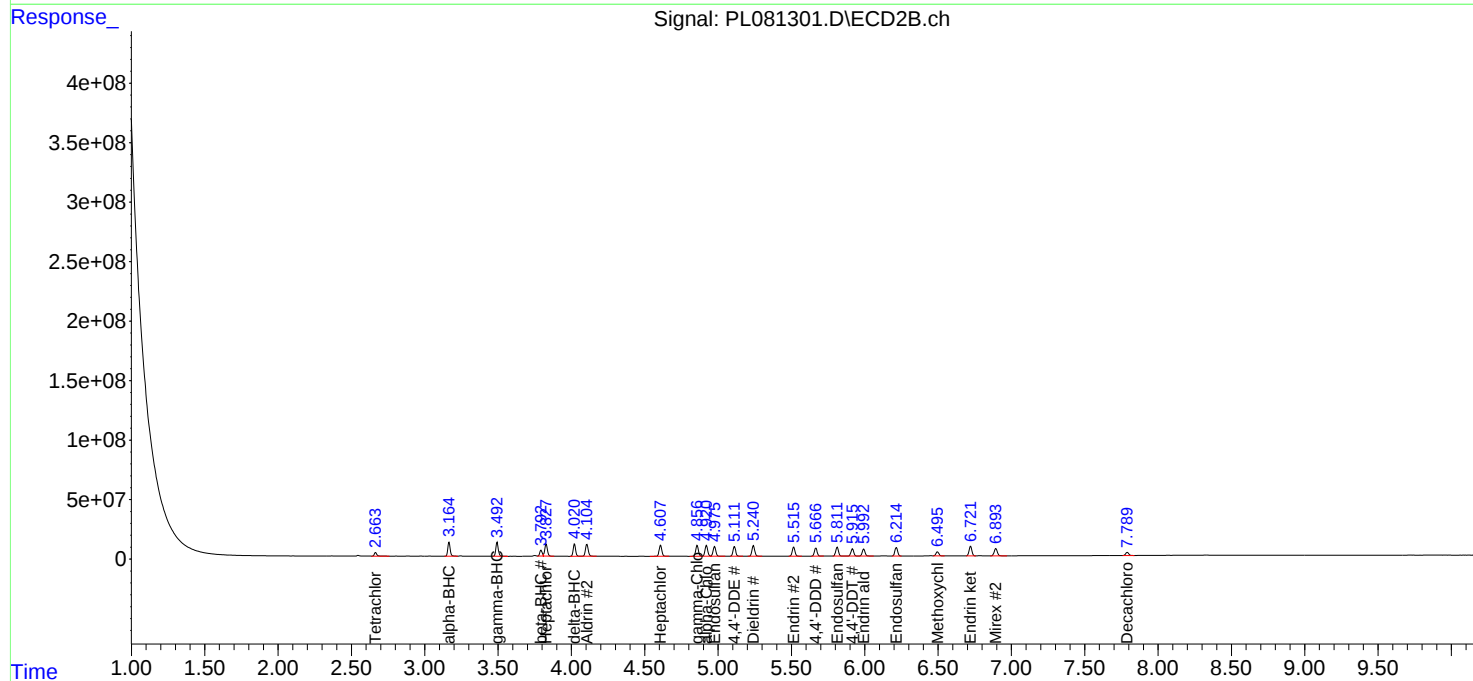
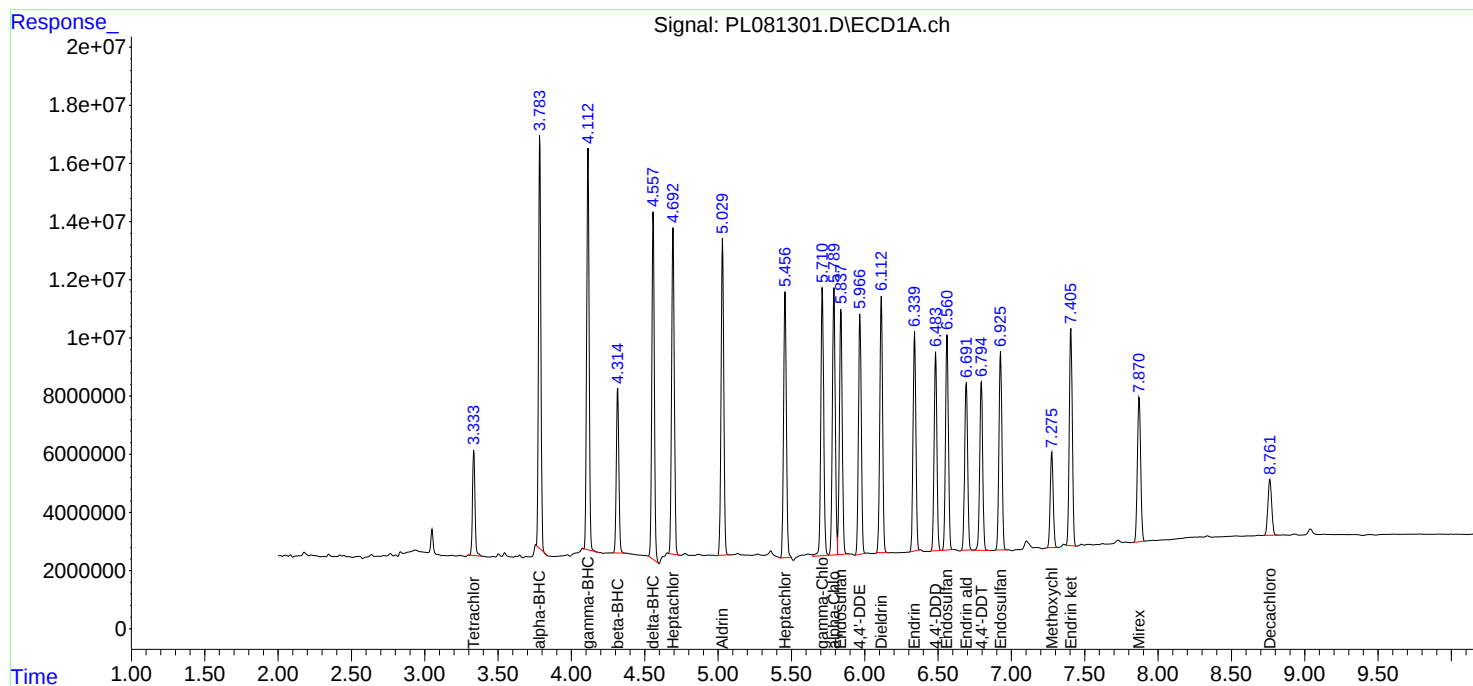
Manual Integrations

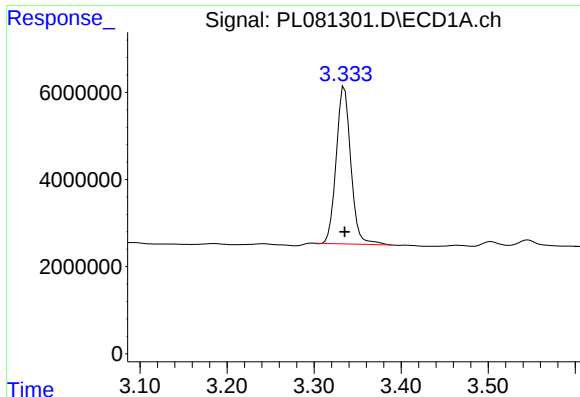
APPROVED

Reviewed By :Abdul Mirza 03/08/2023
Supervised By :Ankita Jodhani 03/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 19:44:29 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





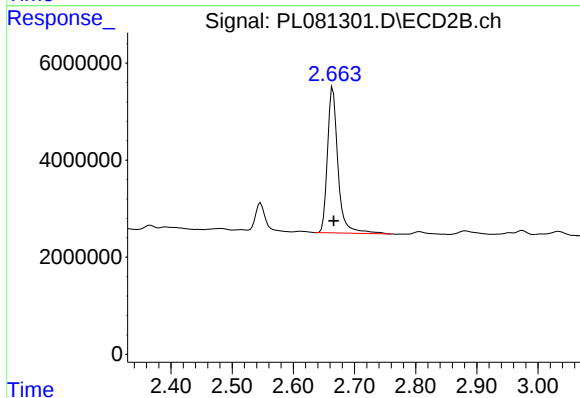
#1 Tetrachloro-m-xylene

R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 42247530
Conc: 19.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
CE-45-030123MS

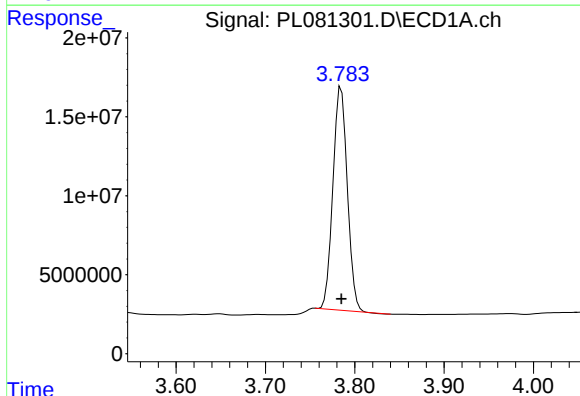
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/08/2023
Supervised By :Ankita Jodhani 03/08/2023



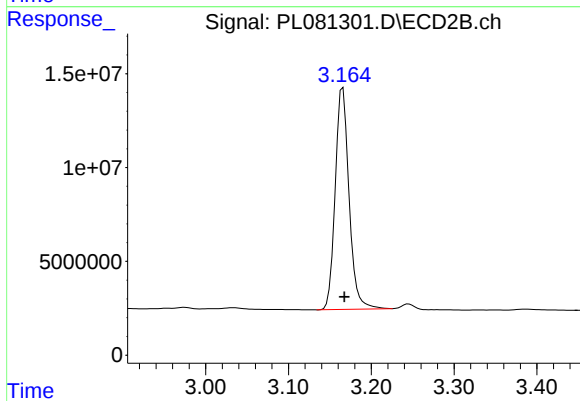
#1 Tetrachloro-m-xylene

R.T.: 2.665 min
Delta R.T.: -0.002 min
Response: 35876845
Conc: 17.73 ng/ml



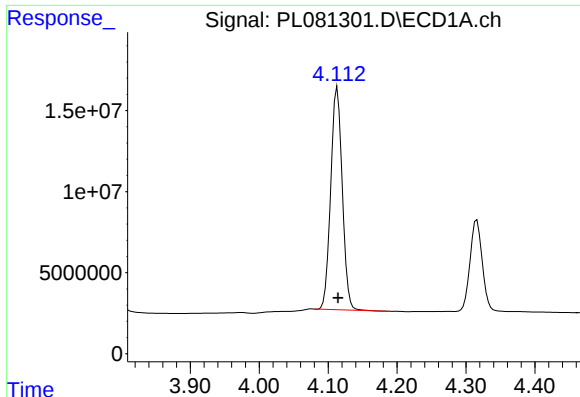
#2 alpha-BHC

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 157988559
Conc: 49.66 ng/ml



#2 alpha-BHC

R.T.: 3.166 min
Delta R.T.: -0.002 min
Response: 137355501
Conc: 46.87 ng/ml



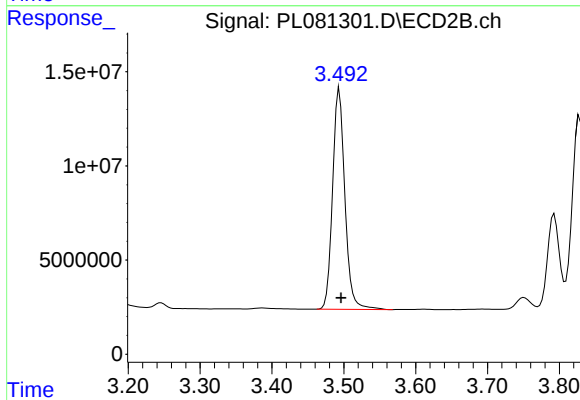
#3 gamma-BHC (Lindane)

R.T.: 4.113 min
Delta R.T.: -0.001 min
Response: 159169111
Conc: 53.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
CE-45-030123MS

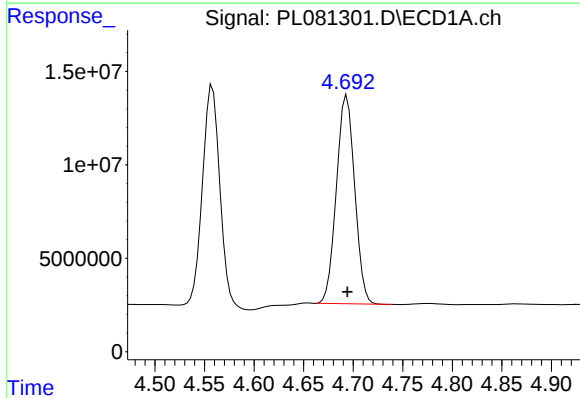
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/08/2023
Supervised By :Ankita Jodhani 03/08/2023



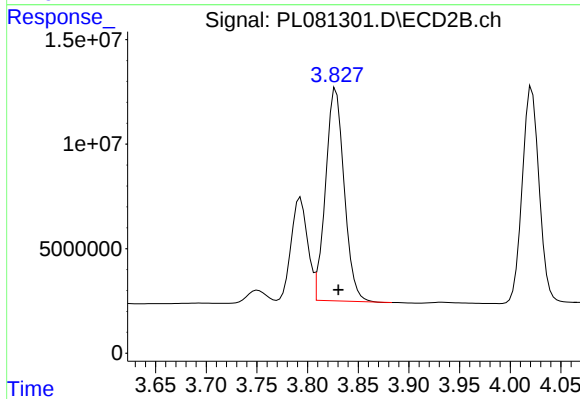
#3 gamma-BHC (Lindane)

R.T.: 3.494 min
Delta R.T.: -0.003 min
Response: 139328170
Conc: 50.65 ng/ml



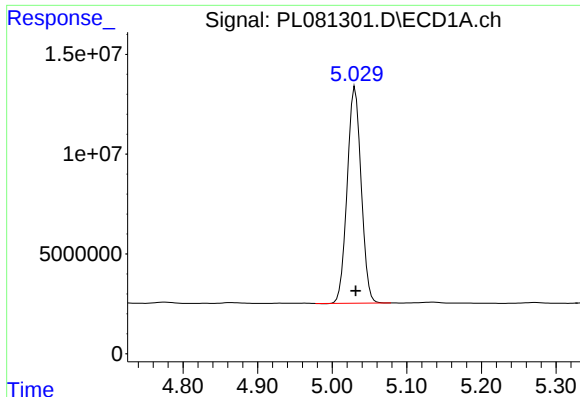
#4 Heptachlor

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 143176896
Conc: 51.89 ng/ml



#4 Heptachlor

R.T.: 3.828 min
Delta R.T.: -0.003 min
Response: 130356834
Conc: 47.24 ng/ml



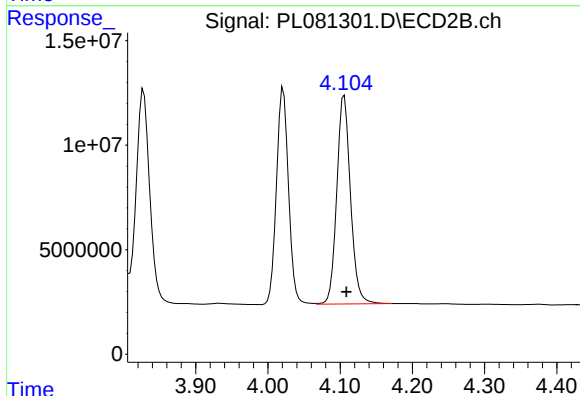
#5 Aldrin

R.T.: 5.031 min
Delta R.T.: 0.000 min
Response: 140793015
Conc: 55.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
CE-45-030123MS

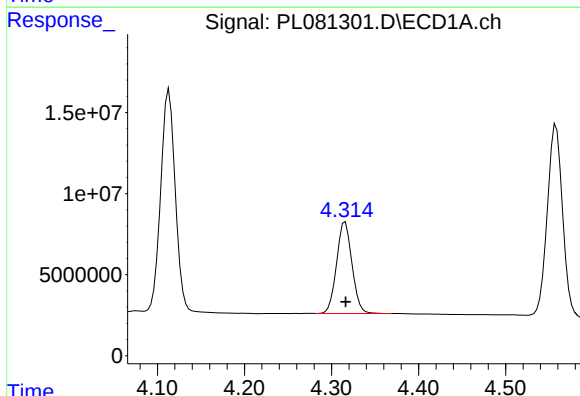
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/08/2023
Supervised By :Ankita Jodhani 03/08/2023



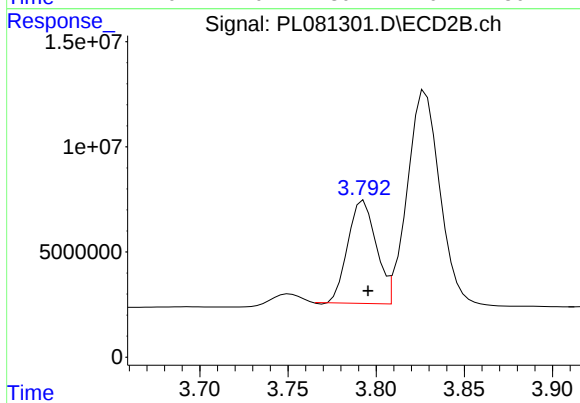
#5 Aldrin

R.T.: 4.106 min
Delta R.T.: -0.003 min
Response: 131620297
Conc: 50.20 ng/ml



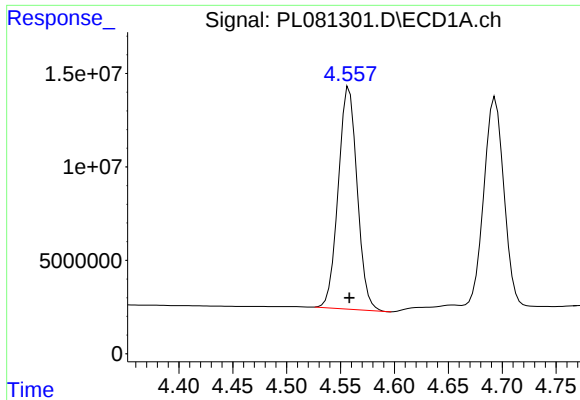
#6 beta-BHC

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 69612097
Conc: 50.57 ng/ml



#6 beta-BHC

R.T.: 3.793 min
Delta R.T.: -0.002 min
Response: 54503835
Conc: 46.96 ng/ml



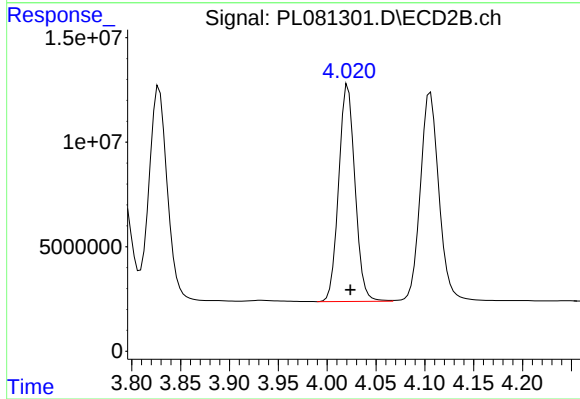
#7 delta-BHC

R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 145449877
Conc: 52.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
CE-45-030123MS

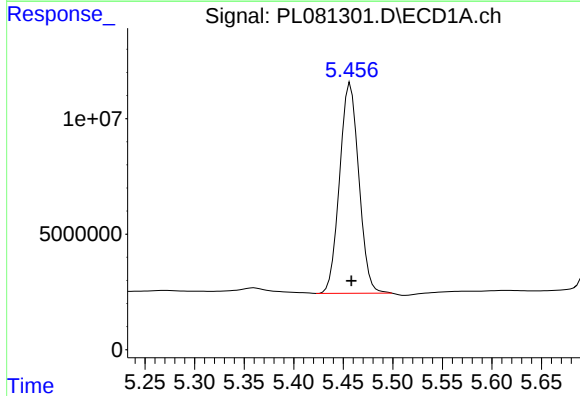
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/08/2023
Supervised By :Ankita Jodhani 03/08/2023



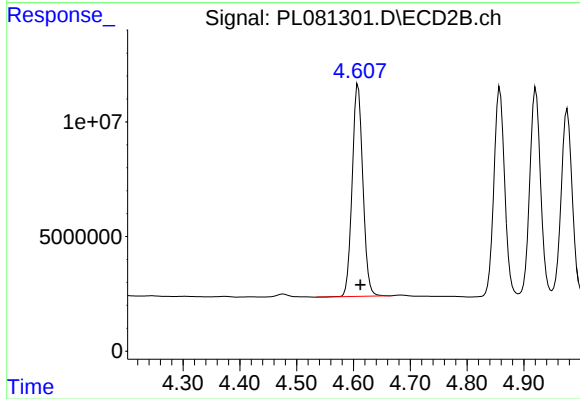
#7 delta-BHC

R.T.: 4.021 min
Delta R.T.: -0.003 min
Response: 120690927
Conc: 47.39 ng/ml



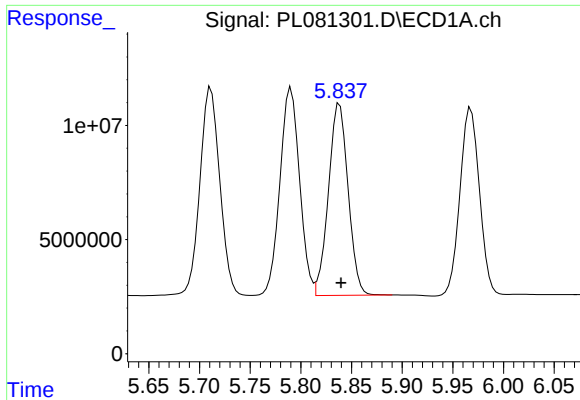
#8 Heptachlor epoxide

R.T.: 5.457 min
Delta R.T.: -0.001 min
Response: 122952515
Conc: 52.10 ng/ml



#8 Heptachlor epoxide

R.T.: 4.608 min
Delta R.T.: -0.004 min
Response: 120816496
Conc: 49.96 ng/ml



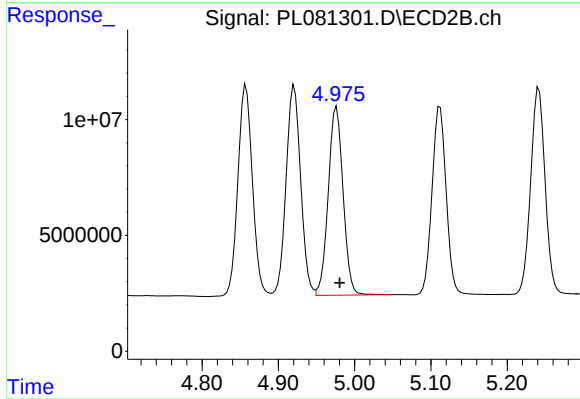
#9 Endosulfan I

R.T.: 5.838 min
Delta R.T.: -0.001 min
Response: 113715616
Conc: 53.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
CE-45-030123MS

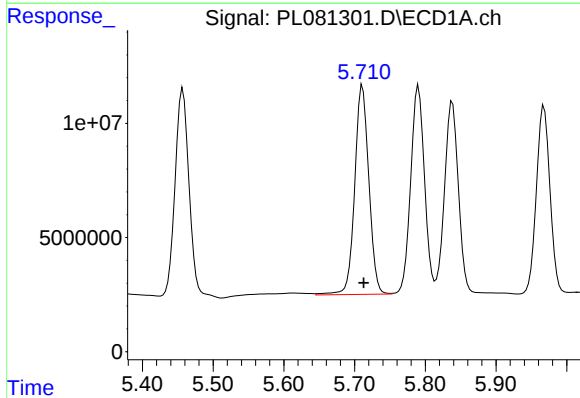
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/08/2023
Supervised By :Ankita Jodhani 03/08/2023



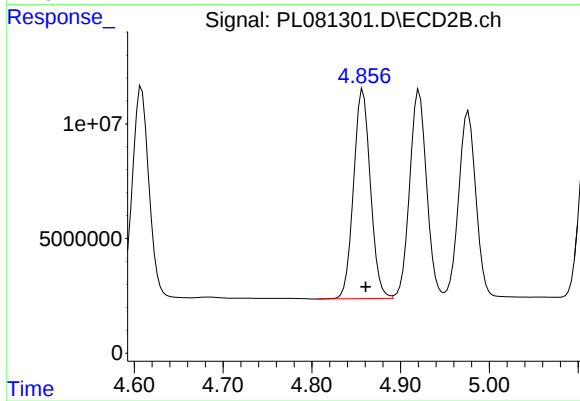
#9 Endosulfan I

R.T.: 4.976 min
Delta R.T.: -0.004 min
Response: 109914939
Conc: 48.56 ng/ml



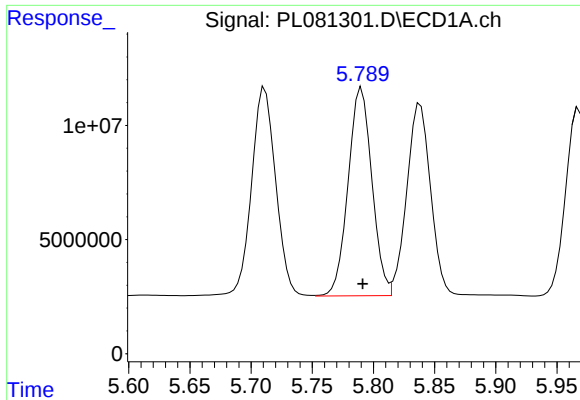
#10 gamma-Chlordane

R.T.: 5.711 min
Delta R.T.: -0.002 min
Response: 127269843
Conc: 55.77 ng/ml



#10 gamma-Chlordane

R.T.: 4.858 min
Delta R.T.: -0.003 min
Response: 120340904
Conc: 49.16 ng/ml



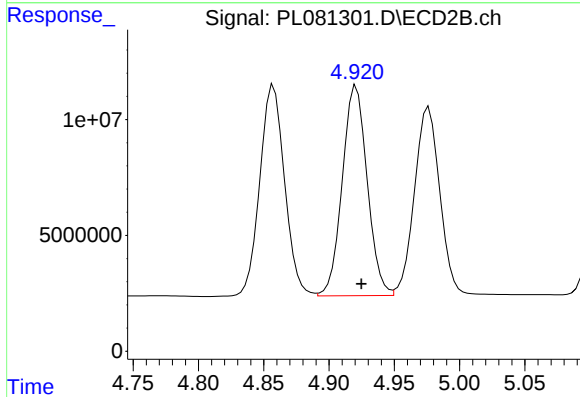
#11 alpha-Chlordane

R.T.: 5.790 min
Delta R.T.: -0.001 min
Response: 123380841
Conc: 54.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
CE-45-030123MS

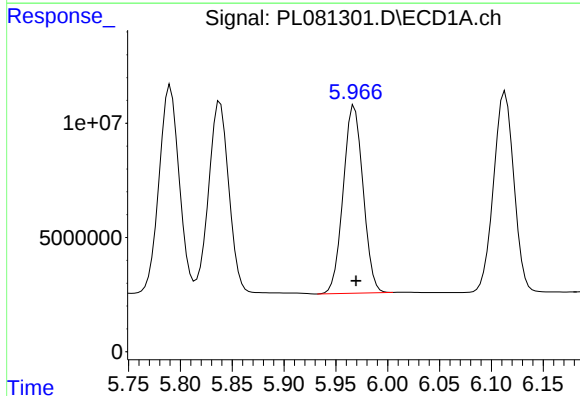
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/08/2023
Supervised By :Ankita Jodhani 03/08/2023



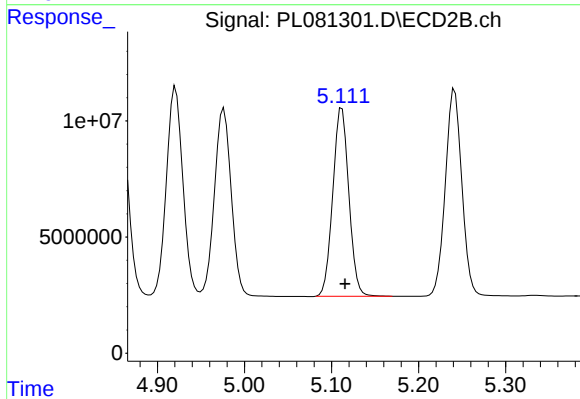
#11 alpha-Chlordane

R.T.: 4.921 min
Delta R.T.: -0.004 min
Response: 120491041
Conc: 49.21 ng/ml



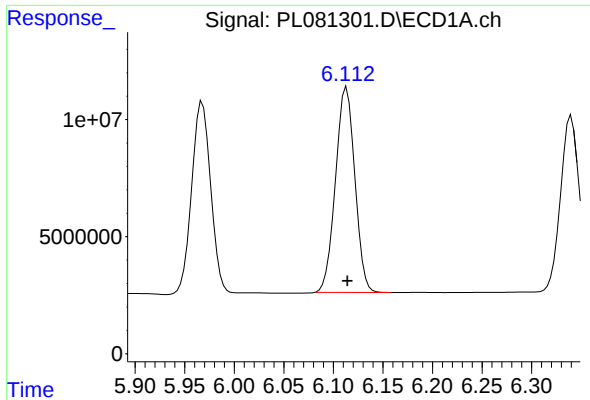
#12 4,4'-DDE

R.T.: 5.968 min
Delta R.T.: -0.002 min
Response: 109483758
Conc: 55.96 ng/ml



#12 4,4'-DDE

R.T.: 5.112 min
Delta R.T.: -0.004 min
Response: 104080056
Conc: 53.02 ng/ml



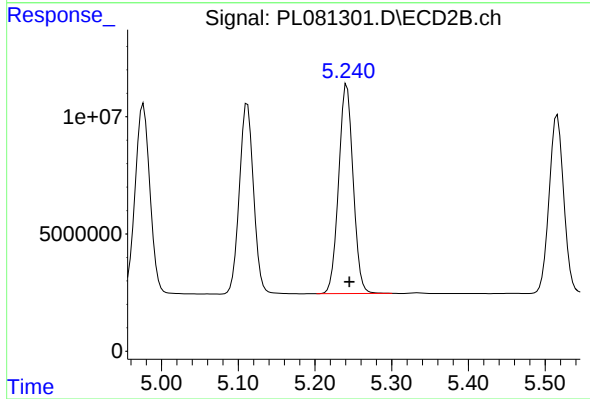
#13 Dieldrin

R.T.: 6.113 min
Delta R.T.: -0.001 min
Response: 119042932
Conc: 56.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
CE-45-030123MS

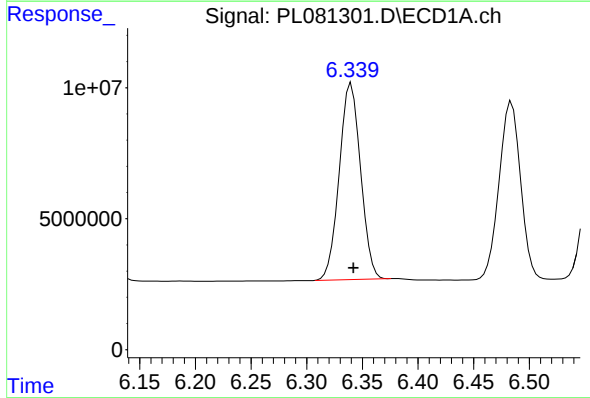
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/08/2023
Supervised By :Ankita Jodhani 03/08/2023



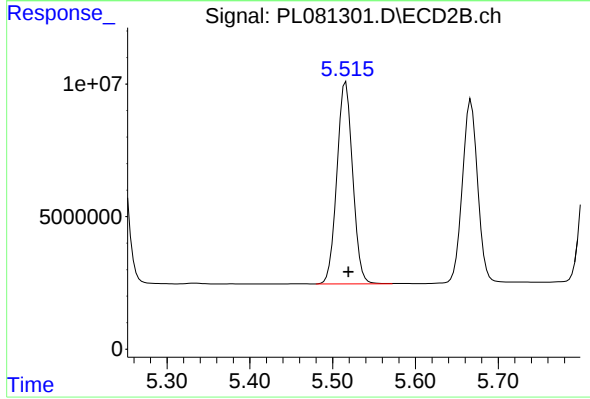
#13 Dieldrin

R.T.: 5.241 min
Delta R.T.: -0.003 min
Response: 117271333
Conc: 52.02 ng/ml



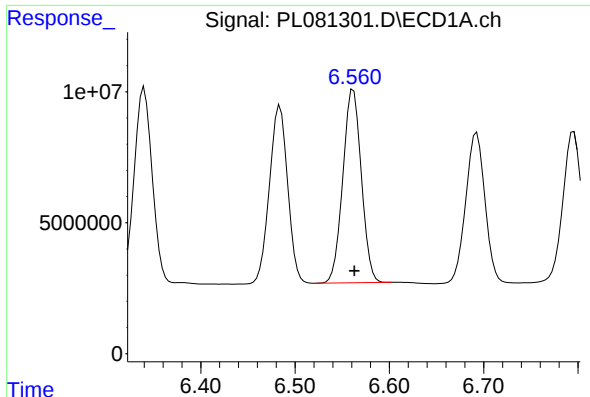
#14 Endrin

R.T.: 6.340 min
Delta R.T.: -0.002 min
Response: 100094423
Conc: 55.07 ng/ml



#14 Endrin

R.T.: 5.516 min
Delta R.T.: -0.003 min
Response: 100648311
Conc: 50.08 ng/ml



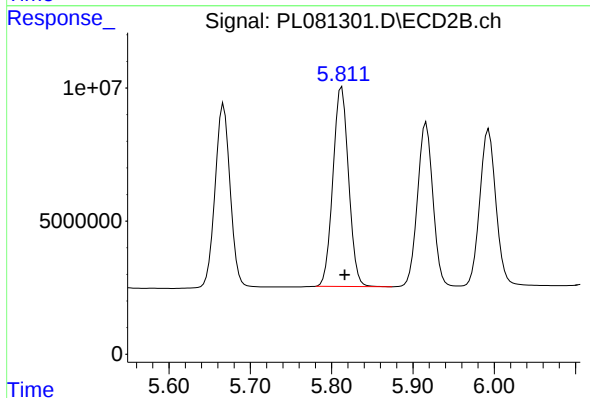
#15 Endosulfan II

R.T.: 6.562 min
Delta R.T.: -0.001 min
Response: 100760570
Conc: 57.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
CE-45-030123MS

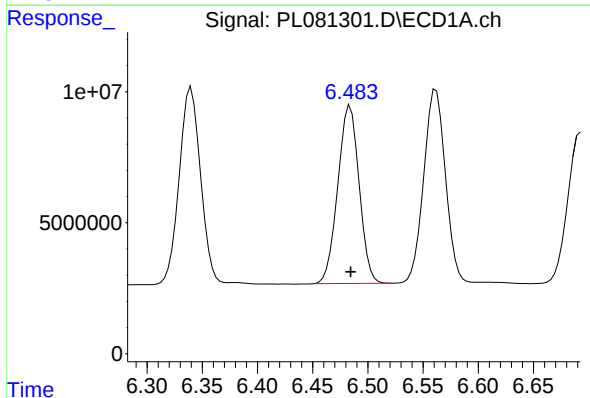
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/08/2023
Supervised By :Ankita Jodhani 03/08/2023



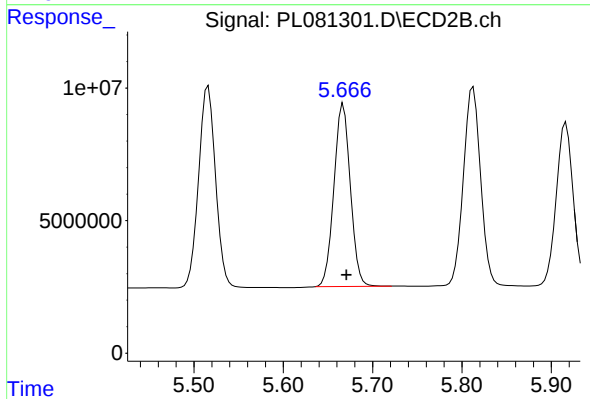
#15 Endosulfan II

R.T.: 5.813 min
Delta R.T.: -0.004 min
Response: 100288597
Conc: 54.39 ng/ml



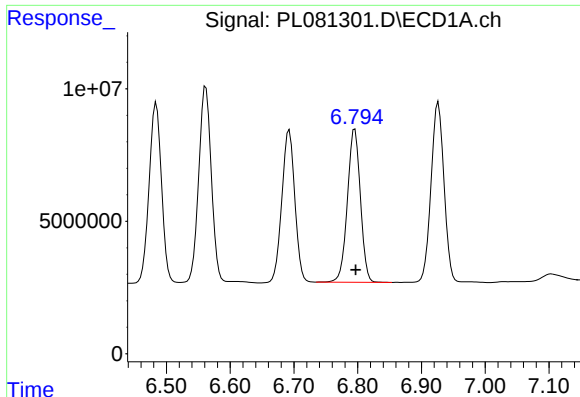
#16 4,4'-DDD

R.T.: 6.484 min
Delta R.T.: 0.000 min
Response: 91206850
Conc: 59.25 ng/ml



#16 4,4'-DDD

R.T.: 5.667 min
Delta R.T.: -0.003 min
Response: 87940919
Conc: 57.32 ng/ml



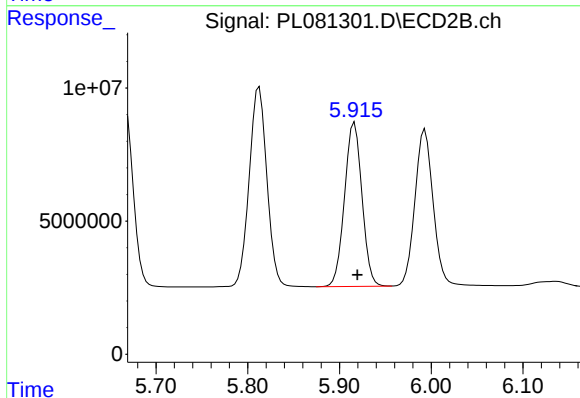
#17 4,4'-DDT

R.T.: 6.796 min
Delta R.T.: -0.001 min
Response: 81922905
Conc: 51.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
CE-45-030123MS

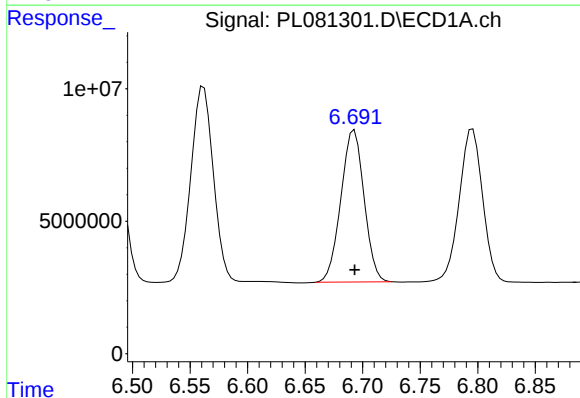
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/08/2023
Supervised By :Ankita Jodhani 03/08/2023



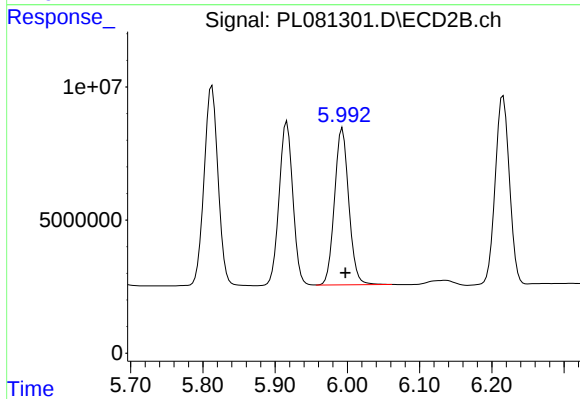
#17 4,4'-DDT

R.T.: 5.916 min
Delta R.T.: -0.003 min
Response: 81316008
Conc: 50.69 ng/ml



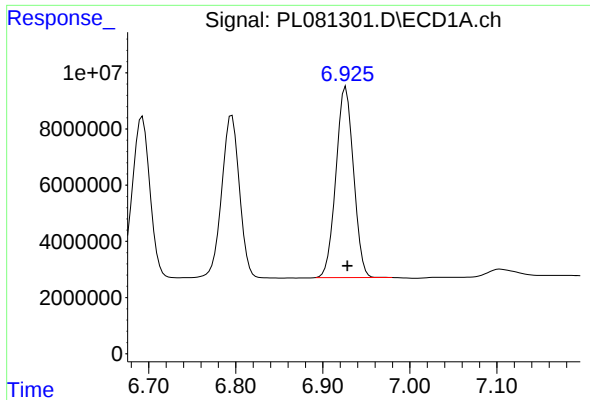
#18 Endrin aldehyde

R.T.: 6.691 min
Delta R.T.: -0.002 min
Response: 80636294
Conc: 56.34 ng/ml m



#18 Endrin aldehyde

R.T.: 5.993 min
Delta R.T.: -0.004 min
Response: 81057150
Conc: 53.50 ng/ml



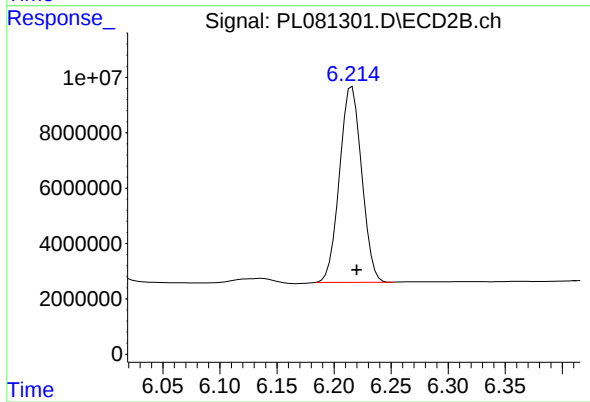
#19 Endosulfan Sulfate

R.T.: 6.927 min
Delta R.T.: -0.002 min
Response: 95289936
Conc: 53.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
CE-45-030123MS

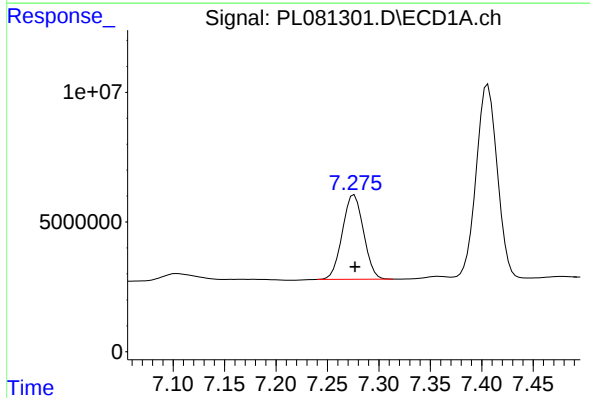
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/08/2023
Supervised By :Ankita Jodhani 03/08/2023



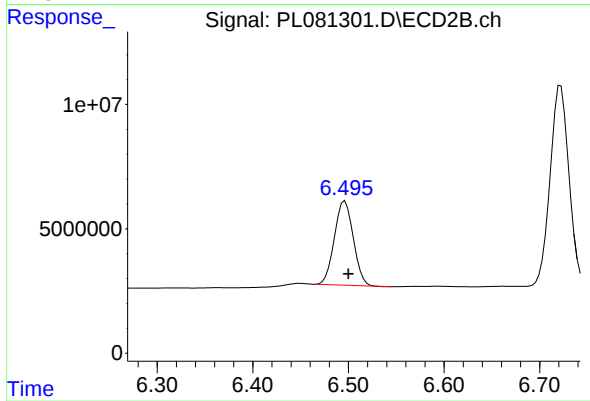
#19 Endosulfan Sulfate

R.T.: 6.216 min
Delta R.T.: -0.004 min
Response: 95628268
Conc: 49.75 ng/ml



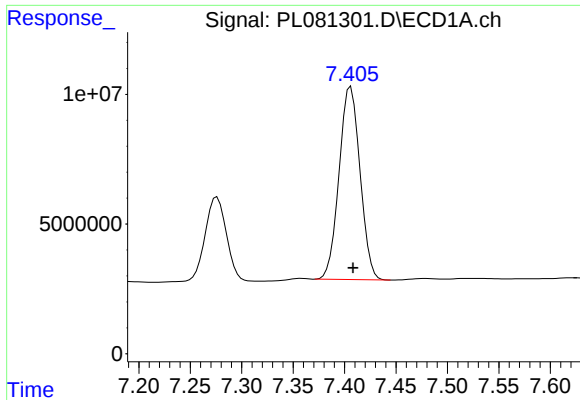
#20 Methoxychlor

R.T.: 7.276 min
Delta R.T.: 0.000 min
Response: 46662104
Conc: 54.17 ng/ml



#20 Methoxychlor

R.T.: 6.496 min
Delta R.T.: -0.004 min
Response: 46510023
Conc: 50.11 ng/ml



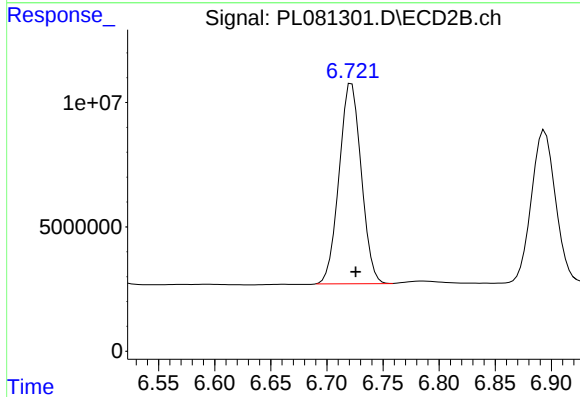
#21 Endrin ketone

R.T.: 7.406 min
Delta R.T.: -0.002 min
Response: 105417490
Conc: 58.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
CE-45-030123MS

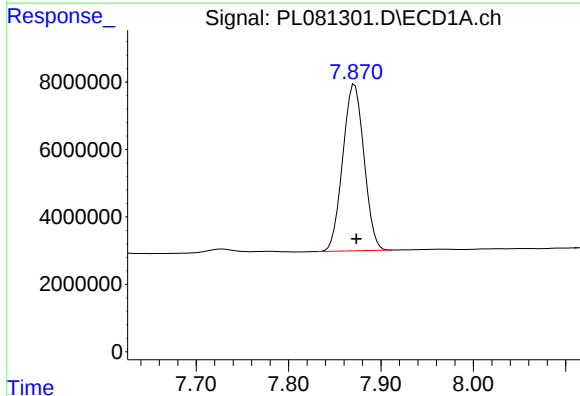
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/08/2023
Supervised By :Ankita Jodhani 03/08/2023



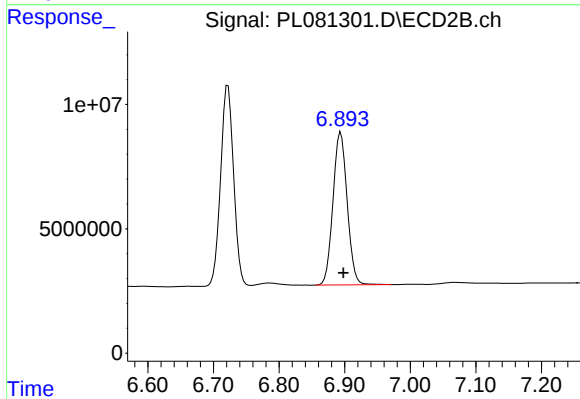
#21 Endrin ketone

R.T.: 6.722 min
Delta R.T.: -0.004 min
Response: 110632009
Conc: 51.38 ng/ml



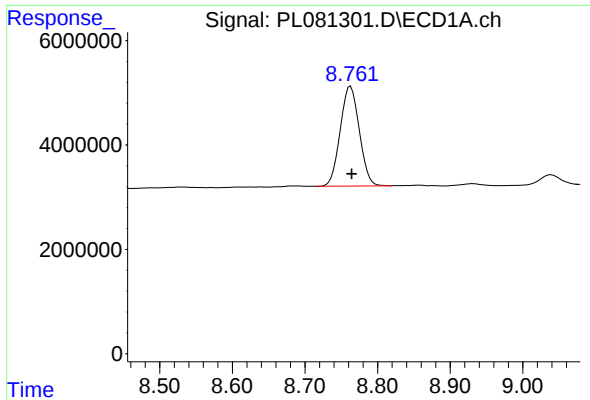
#22 Mirex

R.T.: 7.872 min
Delta R.T.: -0.002 min
Response: 78944597
Conc: 54.10 ng/ml



#22 Mirex

R.T.: 6.894 min
Delta R.T.: -0.004 min
Response: 92331013
Conc: 47.97 ng/ml



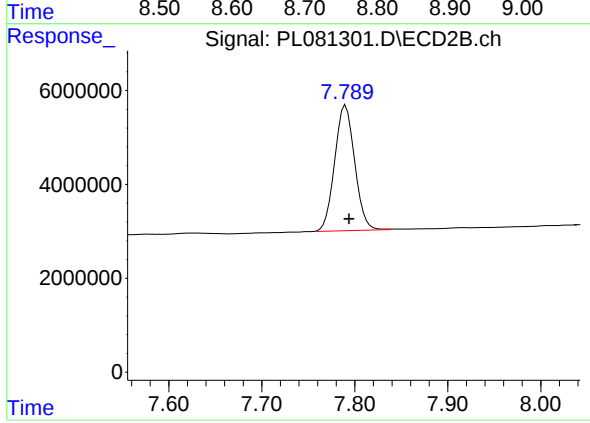
#28 Decachlorobiphenyl

R.T.: 8.763 min
Delta R.T.: -0.002 min
Response: 34931289
Conc: 22.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
CE-45-030123MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/08/2023
Supervised By :Ankita Jodhani 03/08/2023



#28 Decachlorobiphenyl

R.T.: 7.790 min
Delta R.T.: -0.004 min
Response: 39903985
Conc: 20.83 ng/ml