

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011724\
 Data File : PL087817.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jan 2024 14:25
 Operator : AR\AJ
 Sample : PB158471BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB158471BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/18/2024
 Supervised By :Ankita Jodhani 01/18/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 17 21:32:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:17:47 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...	3.424	2.674	69357680	27915682	23.167	23.045
28)	SA Decachlor...	8.989	7.864	70765521	31838842	24.847	25.133
Target Compounds							
2)	A alpha-BHC	3.881	3.178	229.3E6	94251841	51.101	51.138
3)	MA gamma-BHC...	4.215	3.509	215.2E6	89266637	49.342	49.121
4)	MA Heptachlor	4.808	3.851	227.7E6	91543662	51.831	51.400
5)	MB Aldrin	5.150	4.131	212.2E6	87145980	49.512	49.377
6)	B beta-BHC	4.415	3.811	91808940	37087539	49.347	48.491
7)	B delta-BHC	4.661	4.040	210.5E6	86512740	50.032	49.837
8)	B Heptachlo...	5.581	4.639	198.8E6	81217425	51.883	50.959
9)	A Endosulfan I	5.968	5.010	184.0E6	75475822	51.035	48.790
10)	B gamma-Chl...	5.840	4.893	199.9E6	82452236	51.718	51.083
11)	B alpha-Chl...	5.920	4.957	196.0E6	81982521	51.010	49.398
12)	B 4,4'-DDE	6.102	5.155	166.1E6	71367131	51.962	53.056
13)	MA Dieldrin	6.246	5.278	187.1E6	80269640	50.220	50.512
14)	MA Endrin	6.477	5.554	158.7E6	75135612	50.524	52.988
15)	B Endosulfa...	6.699	5.852	152.7E6	66556254	47.609	48.617
16)	A 4,4'-DDD	6.622	5.714	132.2E6	58225109	51.263	51.638
17)	MA 4,4'-DDT	6.939	5.967	147.5E6	67248225	51.564m	54.033
18)	B Endrin al...	6.831	6.034	122.9E6	55629447	48.877	47.865
19)	B Endosulfa...	7.067	6.259	157.2E6	69774119	51.407	53.154
20)	A Methoxychlor	7.426	6.553	80917131	37660437	49.839	51.163
21)	B Endrin ke...	7.553	6.763	166.3E6	77470655	51.143	50.533m
22)	Mirex	8.031	6.947	135.6E6	65175218	48.368	48.589

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011724\
Data File : PL087817.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2024 14:25
Operator : AR\AJ
Sample : PB158471BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB158471BS

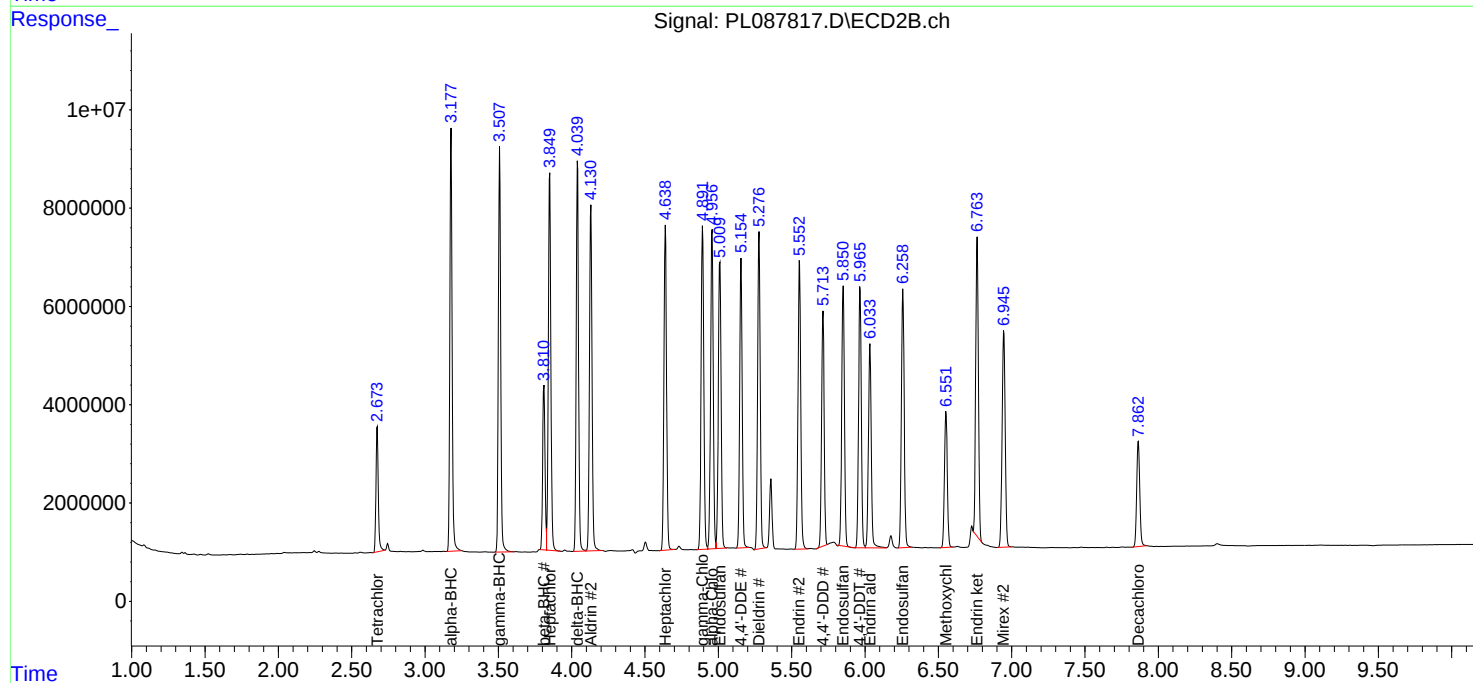
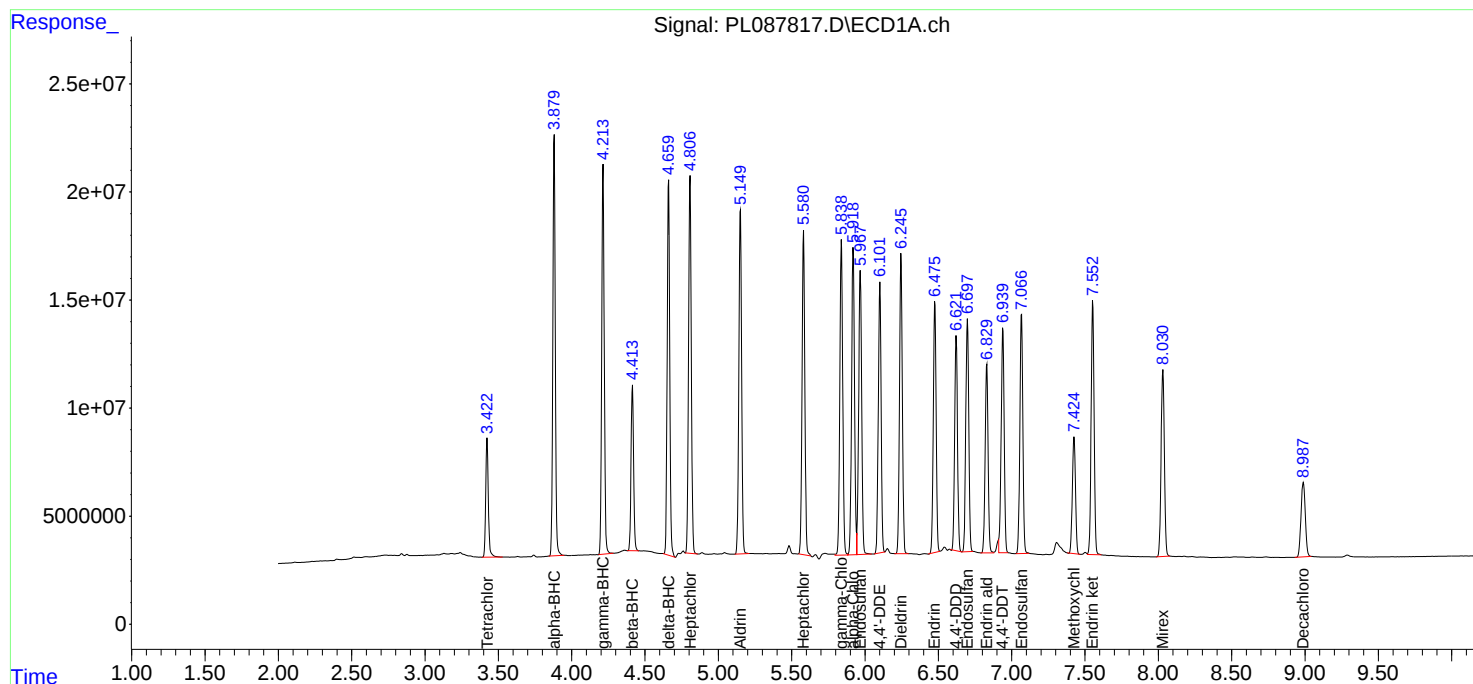
Manual Integrations

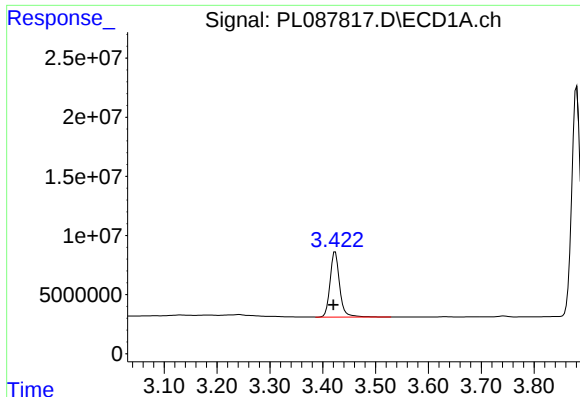
APPROVED

Reviewed By :Abdul Mirza 01/18/2024
Supervised By :Ankita Jodhani 01/18/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 21:32:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
Quant Title : GC Extractables
QLast Update : Fri Dec 29 03:17:47 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





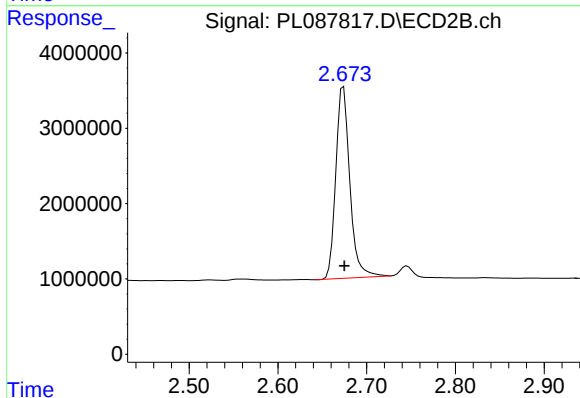
#1 Tetrachloro-m-xylene

R.T.: 3.424 min
Delta R.T.: 0.004 min
Response: 69357680
Conc: 23.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158471BS

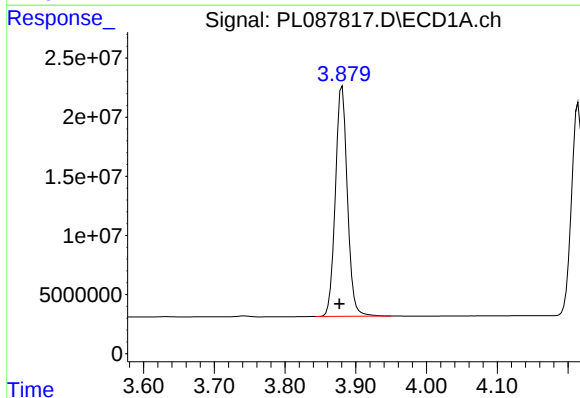
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/18/2024
Supervised By :Ankita Jodhani 01/18/2024



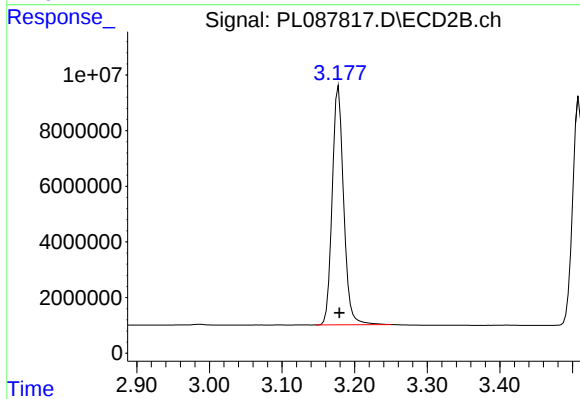
#1 Tetrachloro-m-xylene

R.T.: 2.674 min
Delta R.T.: -0.001 min
Response: 27915682
Conc: 23.05 ng/ml



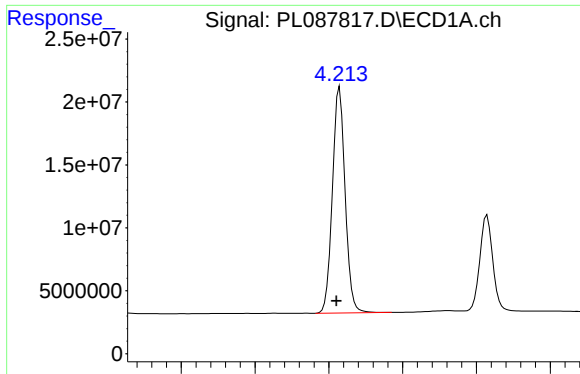
#2 alpha-BHC

R.T.: 3.881 min
Delta R.T.: 0.004 min
Response: 229287228
Conc: 51.10 ng/ml



#2 alpha-BHC

R.T.: 3.178 min
Delta R.T.: -0.001 min
Response: 94251841
Conc: 51.14 ng/ml



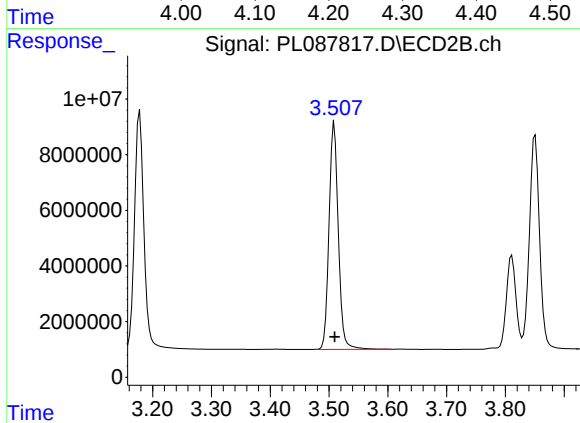
#3 gamma-BHC (Lindane)

R.T.: 4.215 min
Delta R.T.: 0.004 min
Response: 215213599
Conc: 49.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158471BS

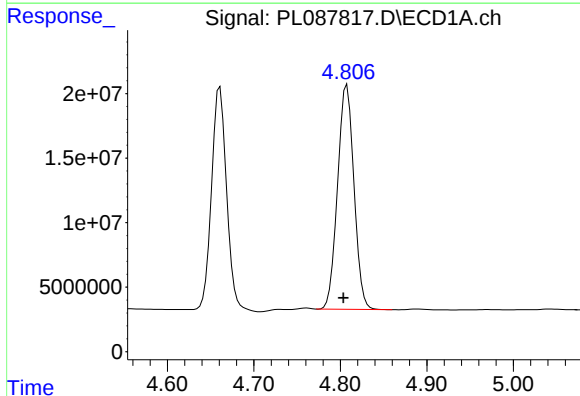
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/18/2024
Supervised By :Ankita Jodhani 01/18/2024



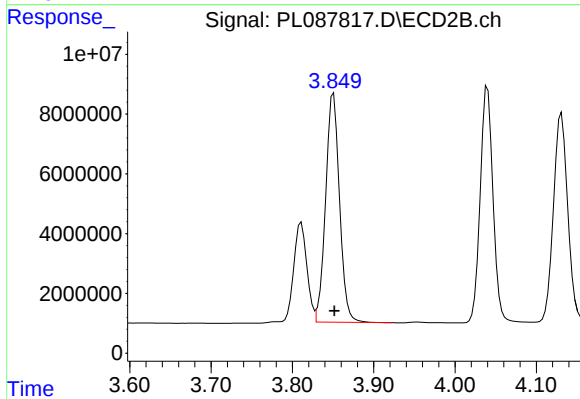
#3 gamma-BHC (Lindane)

R.T.: 3.509 min
Delta R.T.: 0.000 min
Response: 89266637
Conc: 49.12 ng/ml



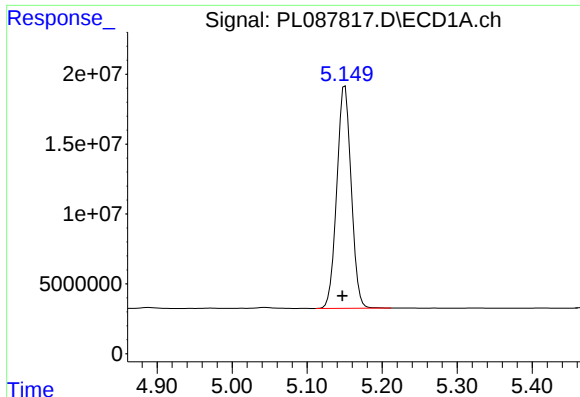
#4 Heptachlor

R.T.: 4.808 min
Delta R.T.: 0.004 min
Response: 227749296
Conc: 51.83 ng/ml



#4 Heptachlor

R.T.: 3.851 min
Delta R.T.: -0.001 min
Response: 91543662
Conc: 51.40 ng/ml



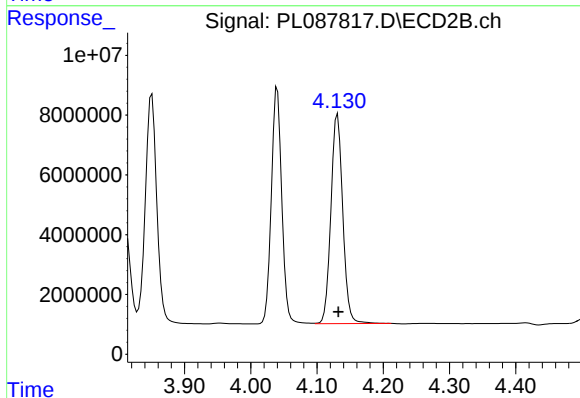
#5 Aldrin

R.T.: 5.150 min
Delta R.T.: 0.004 min
Response: 212201295
Conc: 49.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158471BS

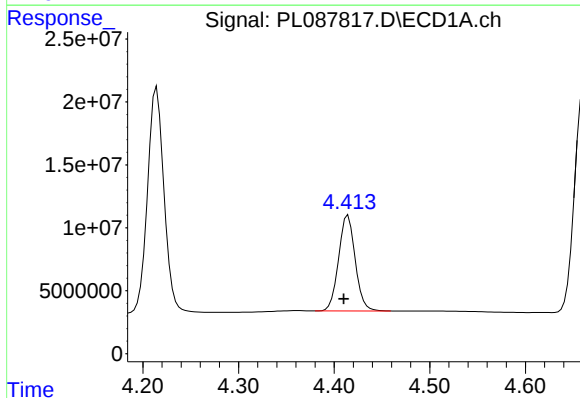
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/18/2024
Supervised By :Ankita Jodhani 01/18/2024



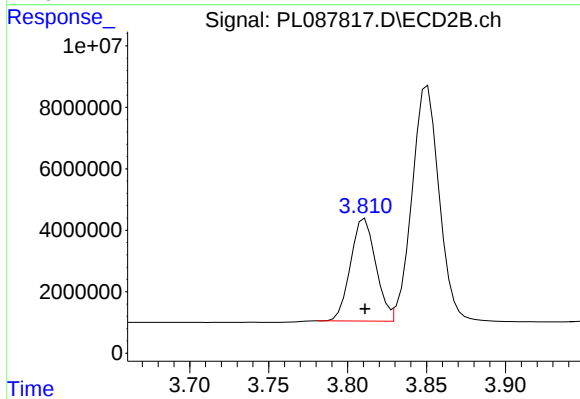
#5 Aldrin

R.T.: 4.131 min
Delta R.T.: -0.001 min
Response: 87145980
Conc: 49.38 ng/ml



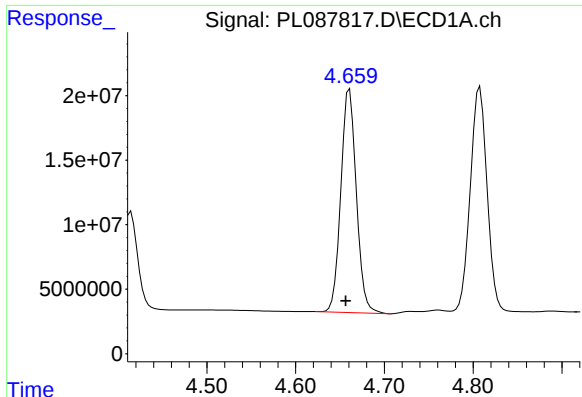
#6 beta-BHC

R.T.: 4.415 min
Delta R.T.: 0.005 min
Response: 91808940
Conc: 49.35 ng/ml



#6 beta-BHC

R.T.: 3.811 min
Delta R.T.: 0.000 min
Response: 37087539
Conc: 48.49 ng/ml



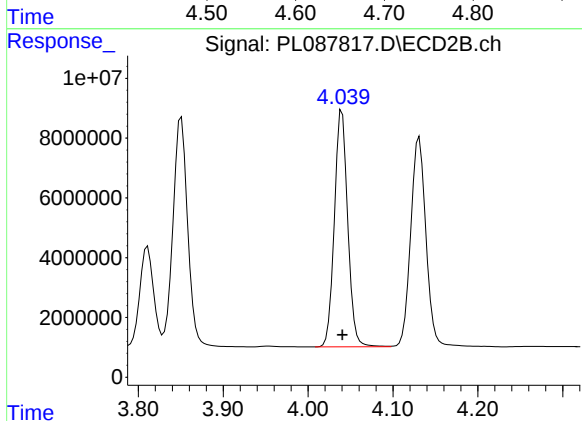
#7 delta-BHC

R.T.: 4.661 min
Delta R.T.: 0.004 min
Response: 210529487
Conc: 50.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158471BS

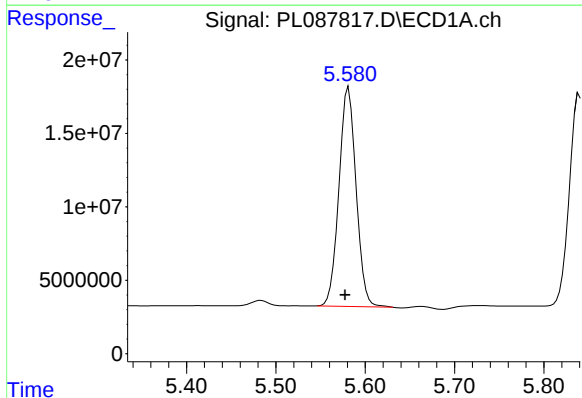
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/18/2024
Supervised By :Ankita Jodhani 01/18/2024



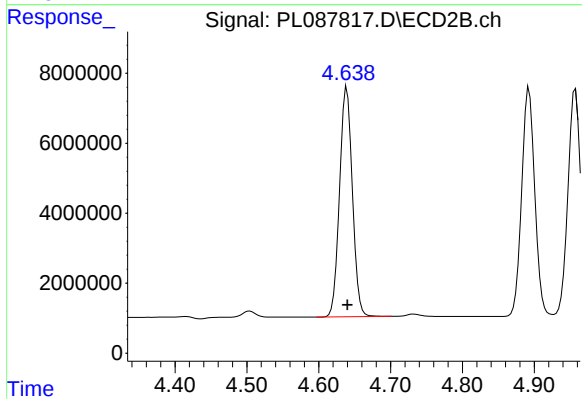
#7 delta-BHC

R.T.: 4.040 min
Delta R.T.: 0.000 min
Response: 86512740
Conc: 49.84 ng/ml



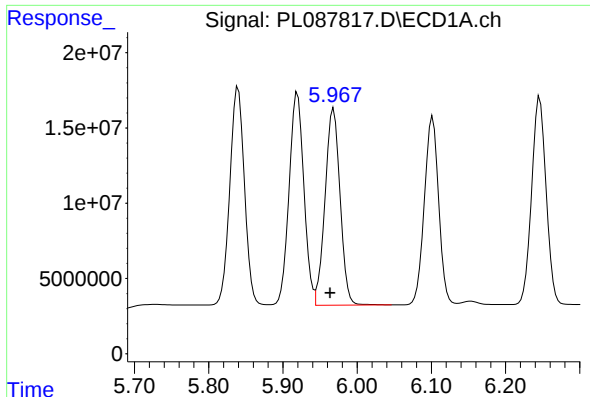
#8 Heptachlor epoxide

R.T.: 5.581 min
Delta R.T.: 0.004 min
Response: 198774463
Conc: 51.88 ng/ml



#8 Heptachlor epoxide

R.T.: 4.639 min
Delta R.T.: 0.000 min
Response: 81217425
Conc: 50.96 ng/ml



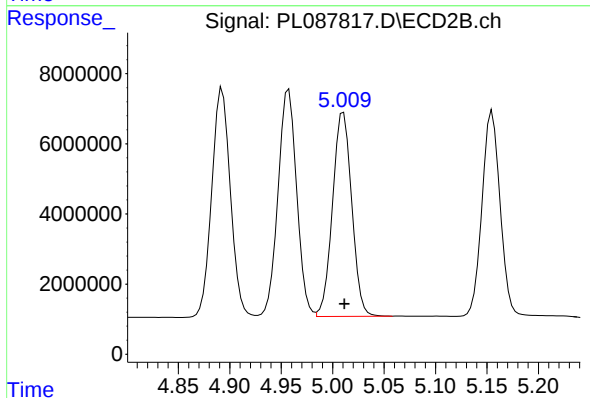
#9 Endosulfan I

R.T.: 5.968 min
Delta R.T.: 0.005 min
Response: 184032058
Conc: 51.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158471BS

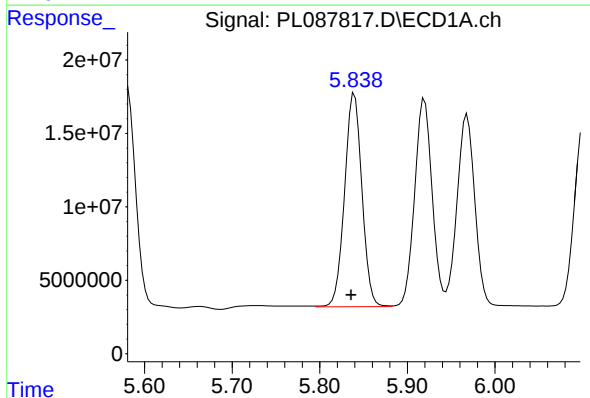
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/18/2024
Supervised By :Ankita Jodhani 01/18/2024



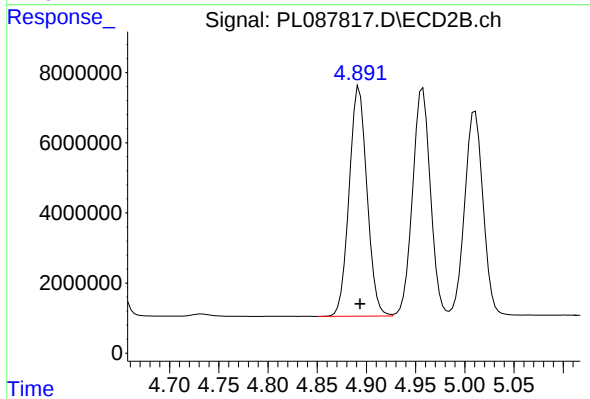
#9 Endosulfan I

R.T.: 5.010 min
Delta R.T.: 0.000 min
Response: 75475822
Conc: 48.79 ng/ml



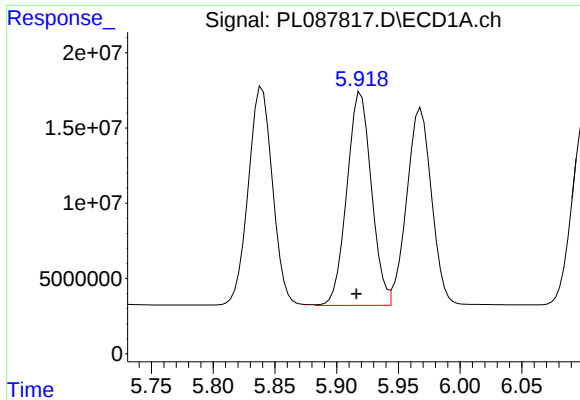
#10 gamma-Chlordane

R.T.: 5.840 min
Delta R.T.: 0.004 min
Response: 199928843
Conc: 51.72 ng/ml



#10 gamma-Chlordane

R.T.: 4.893 min
Delta R.T.: -0.001 min
Response: 82452236
Conc: 51.08 ng/ml



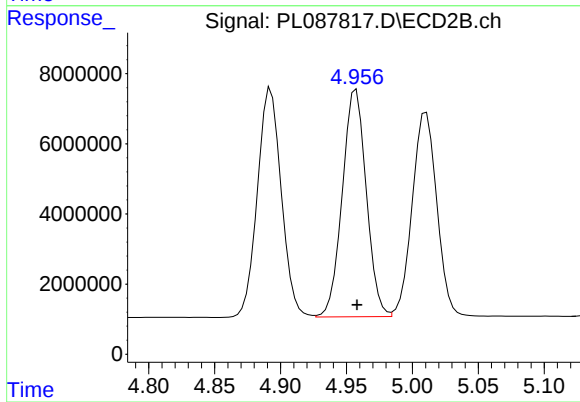
#11 alpha-Chlordane

R.T.: 5.920 min
Delta R.T.: 0.003 min
Response: 196015019
Conc: 51.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158471BS

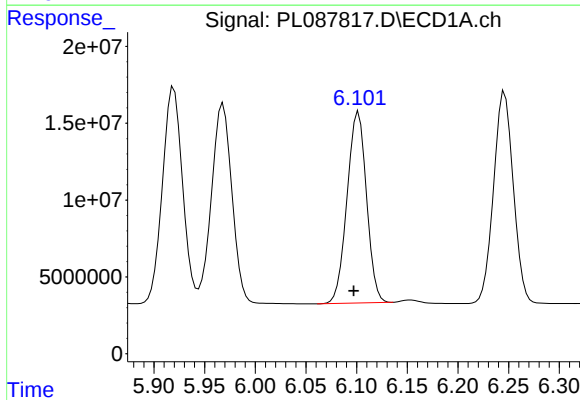
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/18/2024
Supervised By :Ankita Jodhani 01/18/2024



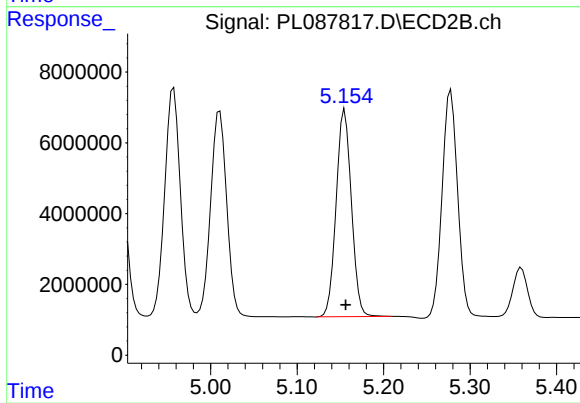
#11 alpha-Chlordane

R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 81982521
Conc: 49.40 ng/ml



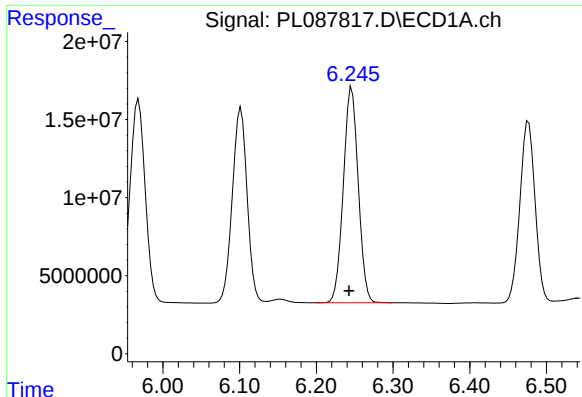
#12 4,4'-DDE

R.T.: 6.102 min
Delta R.T.: 0.005 min
Response: 166132792
Conc: 51.96 ng/ml



#12 4,4'-DDE

R.T.: 5.155 min
Delta R.T.: -0.001 min
Response: 71367131
Conc: 53.06 ng/ml



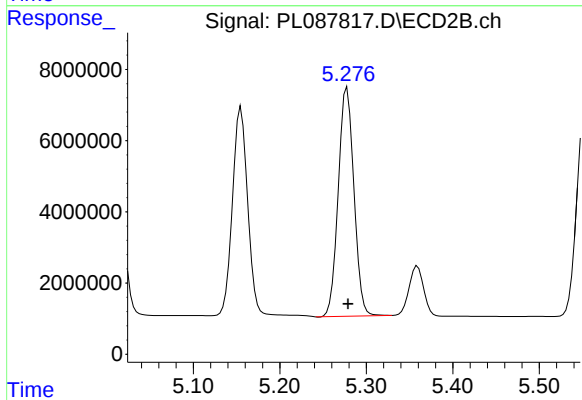
#13 Dieldrin

R.T.: 6.246 min
Delta R.T.: 0.003 min
Response: 187063184
Conc: 50.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158471BS

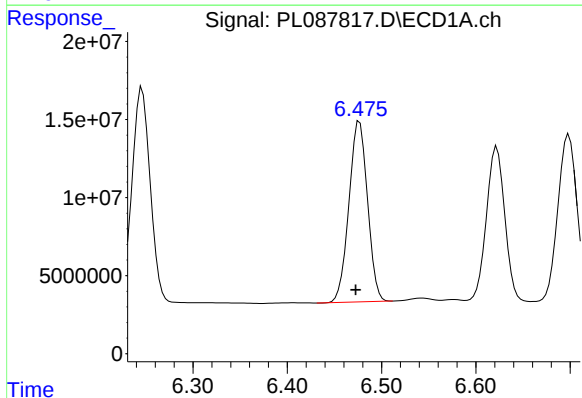
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/18/2024
Supervised By :Ankita Jodhani 01/18/2024



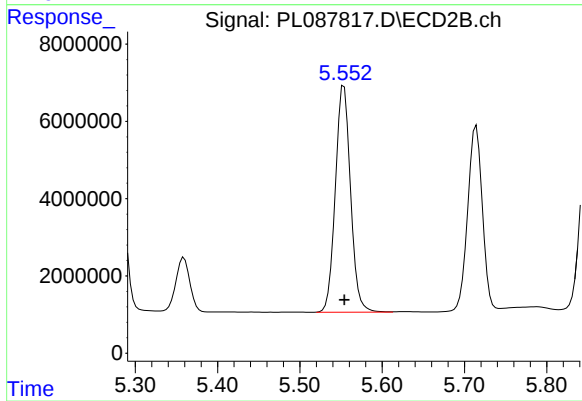
#13 Dieldrin

R.T.: 5.278 min
Delta R.T.: -0.001 min
Response: 80269640
Conc: 50.51 ng/ml



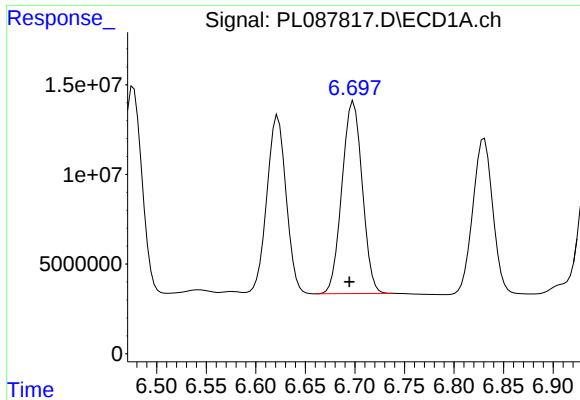
#14 Endrin

R.T.: 6.477 min
Delta R.T.: 0.004 min
Response: 158690052
Conc: 50.52 ng/ml



#14 Endrin

R.T.: 5.554 min
Delta R.T.: 0.000 min
Response: 75135612
Conc: 52.99 ng/ml



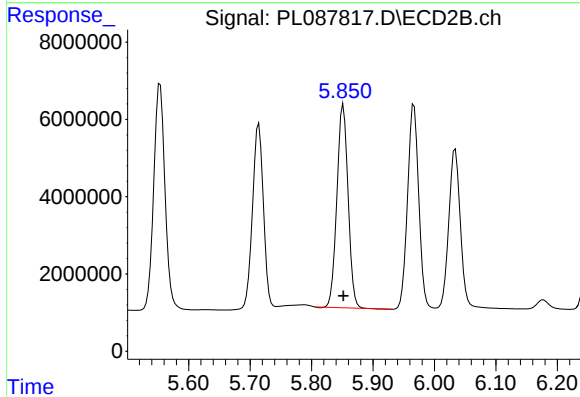
#15 Endosulfan II

R.T.: 6.699 min
Delta R.T.: 0.004 min
Response: 152683475
Conc: 47.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158471BS

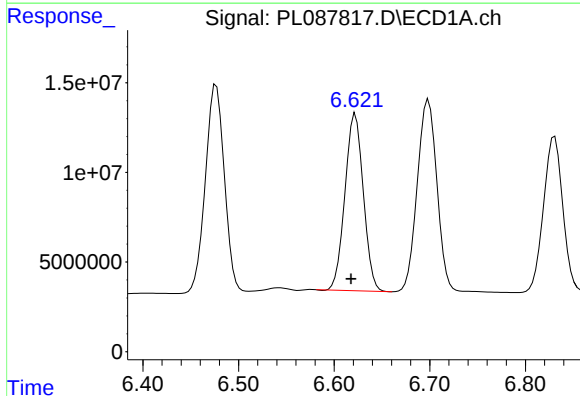
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/18/2024
Supervised By :Ankita Jodhani 01/18/2024



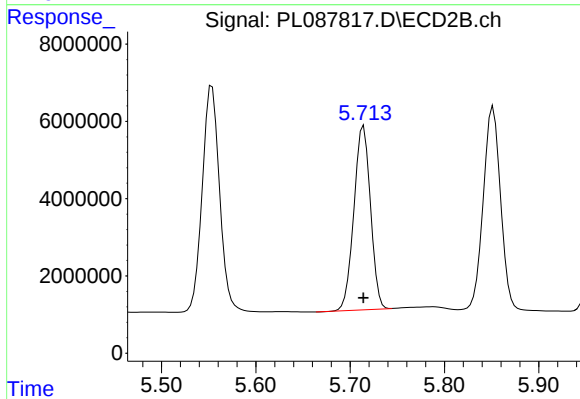
#15 Endosulfan II

R.T.: 5.852 min
Delta R.T.: 0.000 min
Response: 66556254
Conc: 48.62 ng/ml



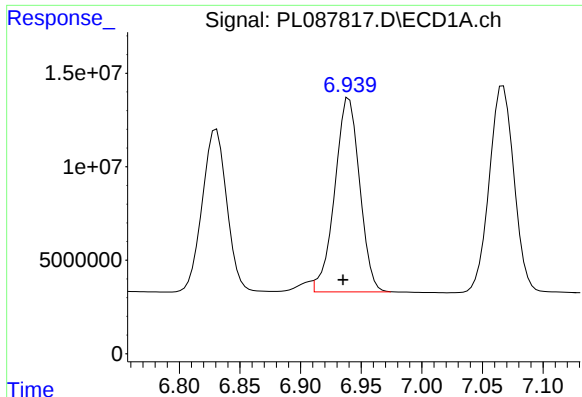
#16 4,4'-DDD

R.T.: 6.622 min
Delta R.T.: 0.005 min
Response: 132185881
Conc: 51.26 ng/ml



#16 4,4'-DDD

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 58225109
Conc: 51.64 ng/ml



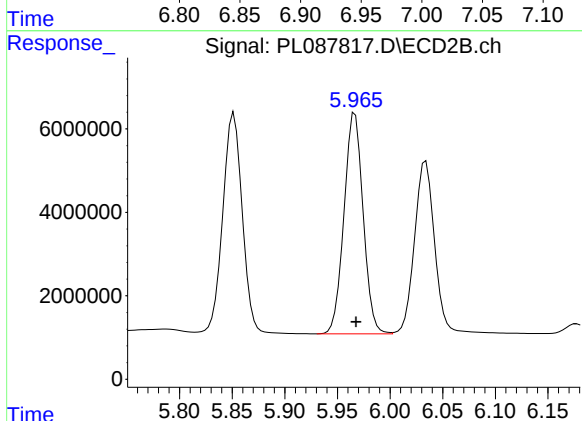
#17 4,4'-DDT

R.T.: 6.939 min
Delta R.T.: 0.004 min
Response: 147450583
Conc: 51.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158471BS

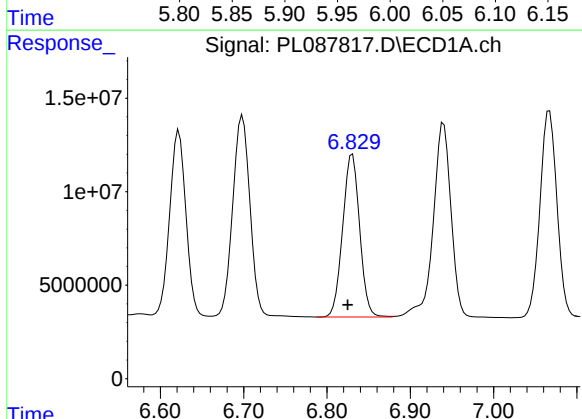
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/18/2024
Supervised By :Ankita Jodhani 01/18/2024



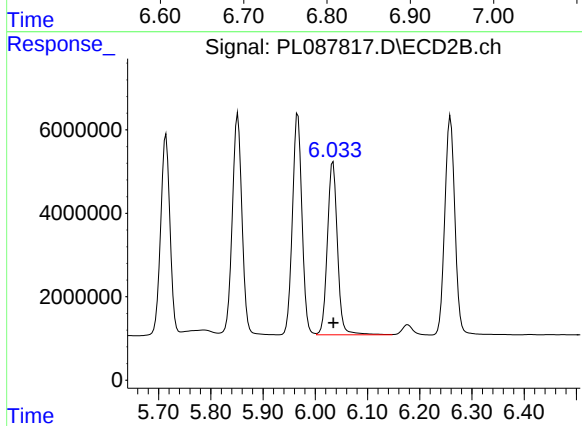
#17 4,4'-DDT

R.T.: 5.967 min
Delta R.T.: -0.001 min
Response: 67248225
Conc: 54.03 ng/ml



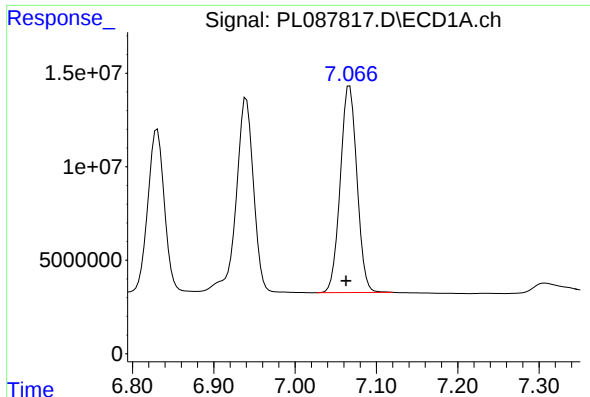
#18 Endrin aldehyde

R.T.: 6.831 min
Delta R.T.: 0.006 min
Response: 122940712
Conc: 48.88 ng/ml



#18 Endrin aldehyde

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 55629447
Conc: 47.87 ng/ml



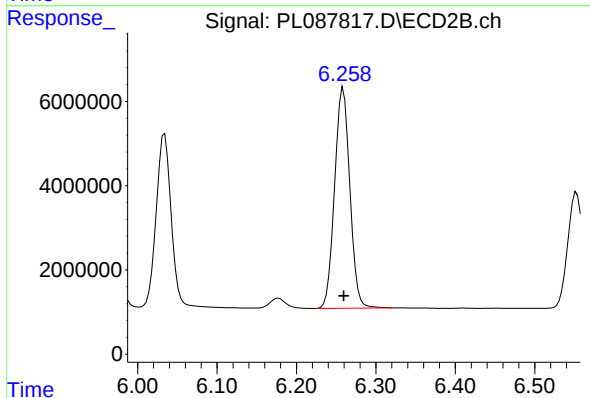
#19 Endosulfan Sulfate

R.T.: 7.067 min
Delta R.T.: 0.005 min
Response: 157228752
Conc: 51.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158471BS

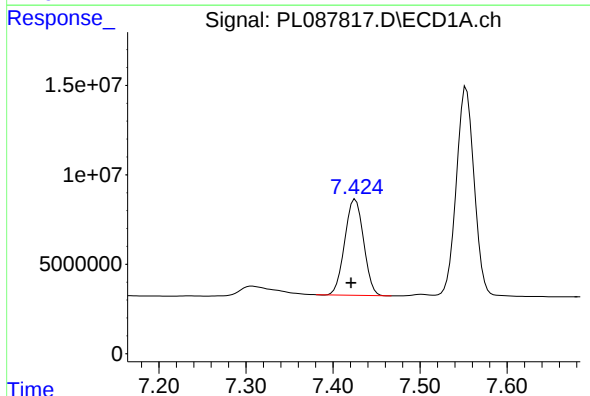
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/18/2024
Supervised By :Ankita Jodhani 01/18/2024



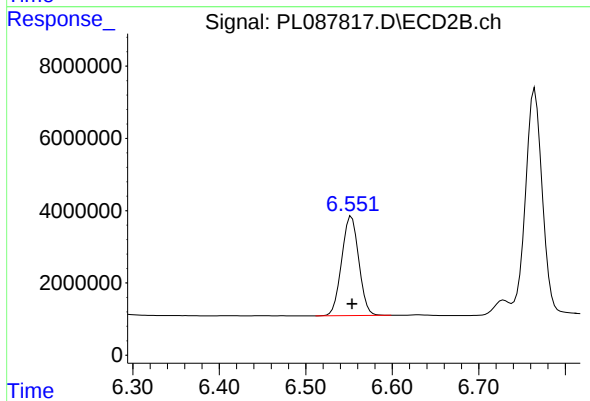
#19 Endosulfan Sulfate

R.T.: 6.259 min
Delta R.T.: 0.000 min
Response: 69774119
Conc: 53.15 ng/ml



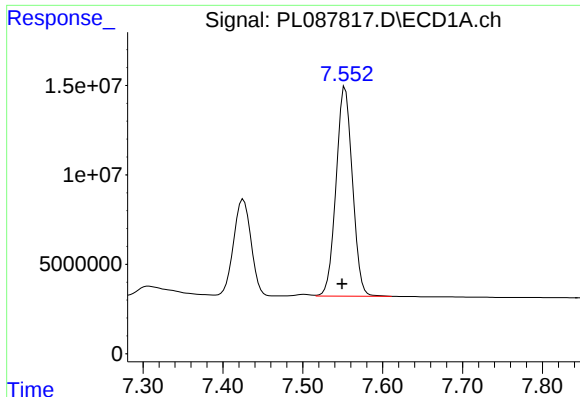
#20 Methoxychlor

R.T.: 7.426 min
Delta R.T.: 0.005 min
Response: 80917131
Conc: 49.84 ng/ml



#20 Methoxychlor

R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 37660437
Conc: 51.16 ng/ml



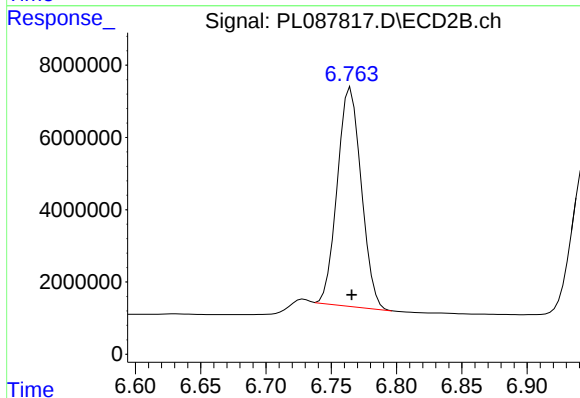
#21 Endrin ketone

R.T.: 7.553 min
Delta R.T.: 0.004 min
Response: 166347497
Conc: 51.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158471BS

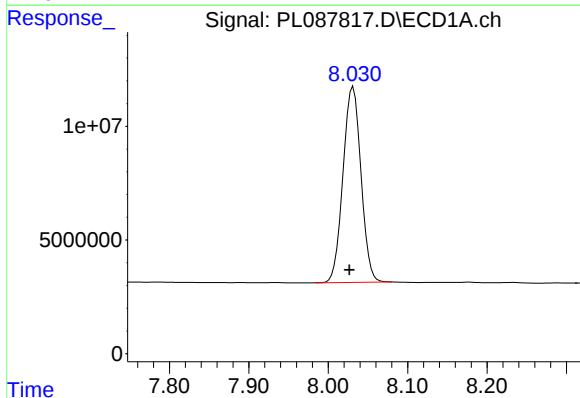
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/18/2024
Supervised By :Ankita Jodhani 01/18/2024



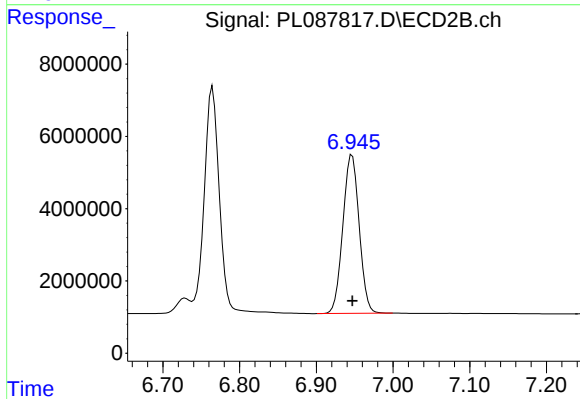
#21 Endrin ketone

R.T.: 6.763 min
Delta R.T.: -0.002 min
Response: 77470655
Conc: 50.53 ng/ml m



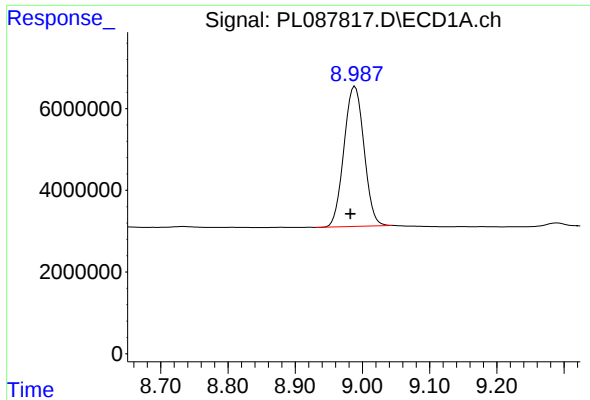
#22 Mirex

R.T.: 8.031 min
Delta R.T.: 0.005 min
Response: 135618245
Conc: 48.37 ng/ml



#22 Mirex

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 65175218
Conc: 48.59 ng/ml



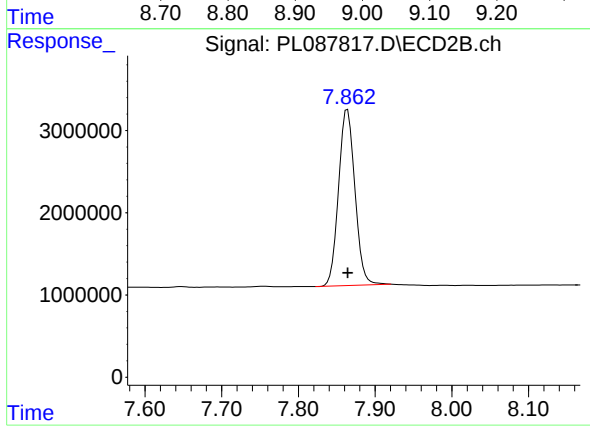
#28 Decachlorobiphenyl

R.T.: 8.989 min
Delta R.T.: 0.007 min
Response: 70765521
Conc: 24.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158471BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/18/2024
Supervised By :Ankita Jodhani 01/18/2024



#28 Decachlorobiphenyl

R.T.: 7.864 min
Delta R.T.: 0.000 min
Response: 31838842
Conc: 25.13 ng/ml