

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121823\
 Data File : PL087234.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Dec 2023 17:31
 Operator : AR\AJ
 Sample : PB157809BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB157809BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/19/2023
 Supervised By :Ankita Jodhani 12/19/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 18 20:42:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 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	2.680	50478433	20574334	13.413	12.223
28)	SA Decachlor...	8.989	7.876	44047075	21196683	12.917	12.550
Target Compounds							
2)	A alpha-BHC	3.881	3.185	184.2E6	76974284	34.023	31.321
3)	MA gamma-BHC...	4.215	3.516	171.5E6	73926057	32.635	30.518
4)	MA Heptachlor	4.808	3.859	180.6E6	76921589	33.901	32.181
5)	MB Aldrin	5.152	4.140	169.4E6	72120342	32.530	30.078
6)	B beta-BHC	4.415	3.818	73688071	31255692	32.083	30.025
7)	B delta-BHC	4.660	4.047	160.9E6	70372301	30.766m	28.768
8)	B Heptachlo...	5.583	4.648	151.6E6	66841439	32.160	30.037
9)	A Endosulfan I	5.970	5.019	143.4E6	64141171	32.112	29.679
10)	B gamma-Chl...	5.841	4.902	155.1E6	68394011	32.000	29.901
11)	B alpha-Chl...	5.921	4.966	153.0E6	68291112	31.830	29.589
12)	B 4,4'-DDE	6.103	5.164	128.2E6	57196889	30.924	28.807
13)	MA Dieldrin	6.248	5.288	145.6E6	65012010	31.370	29.183
14)	MA Endrin	6.478	5.563	124.1E6	59466960	32.261	29.798
15)	B Endosulfa...	6.699	5.861	121.1E6	54784463	30.200	28.138
16)	A 4,4'-DDD	6.623	5.723	101.4E6	47637694	30.686	28.771
17)	MA 4,4'-DDT	6.941	5.977	119.0E6	53606700	31.653	29.066
18)	B Endrin al...	6.831	6.043	92858633	45108596	32.038	30.736
19)	B Endosulfa...	7.068	6.268	120.4E6	55261685	30.648	29.335
20)	A Methoxychlor	7.426	6.564	60910388	30537340	31.237	29.898
21)	B Endrin ke...	7.555	6.775	122.5E6	61973127	30.099	29.113
22)	Mirex	8.032	6.958	101.1E6	50659664	30.015	28.474

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121823\
Data File : PL087234.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Dec 2023 17:31
Operator : AR\AJ
Sample : PB157809BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

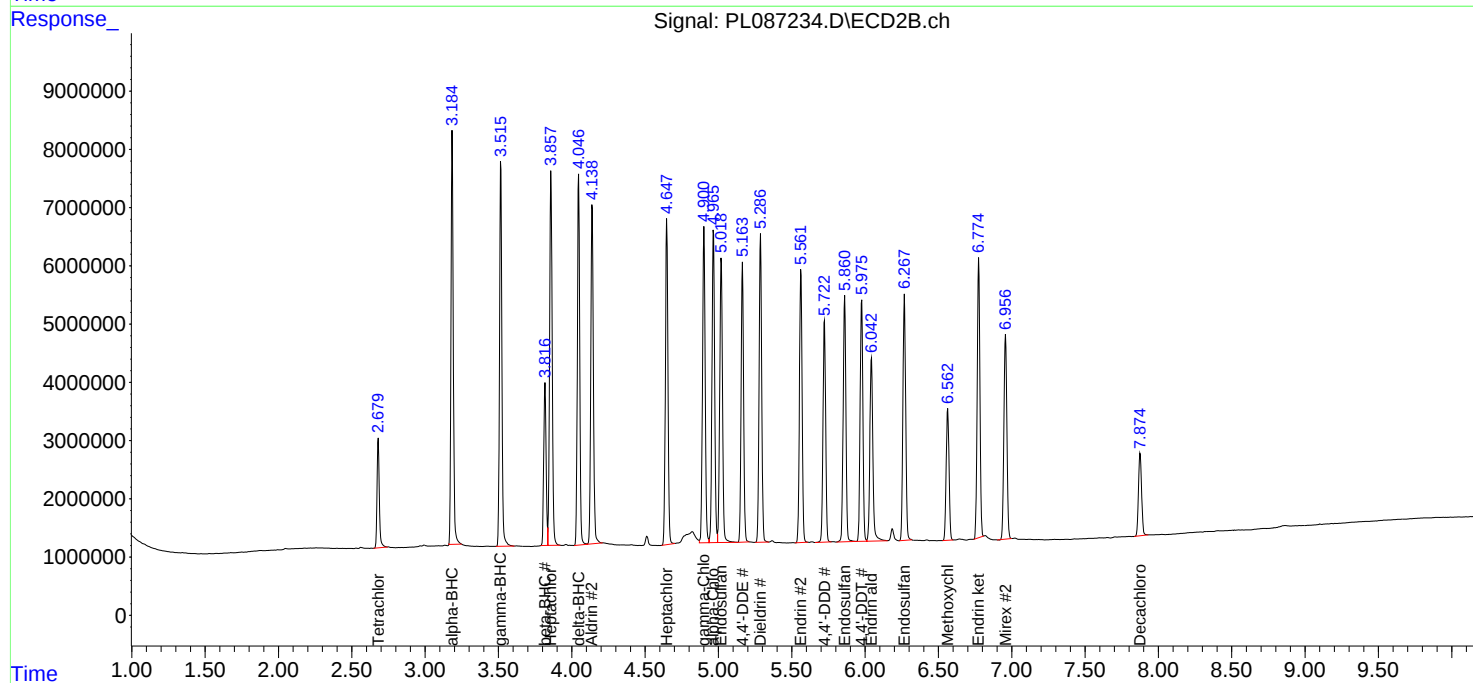
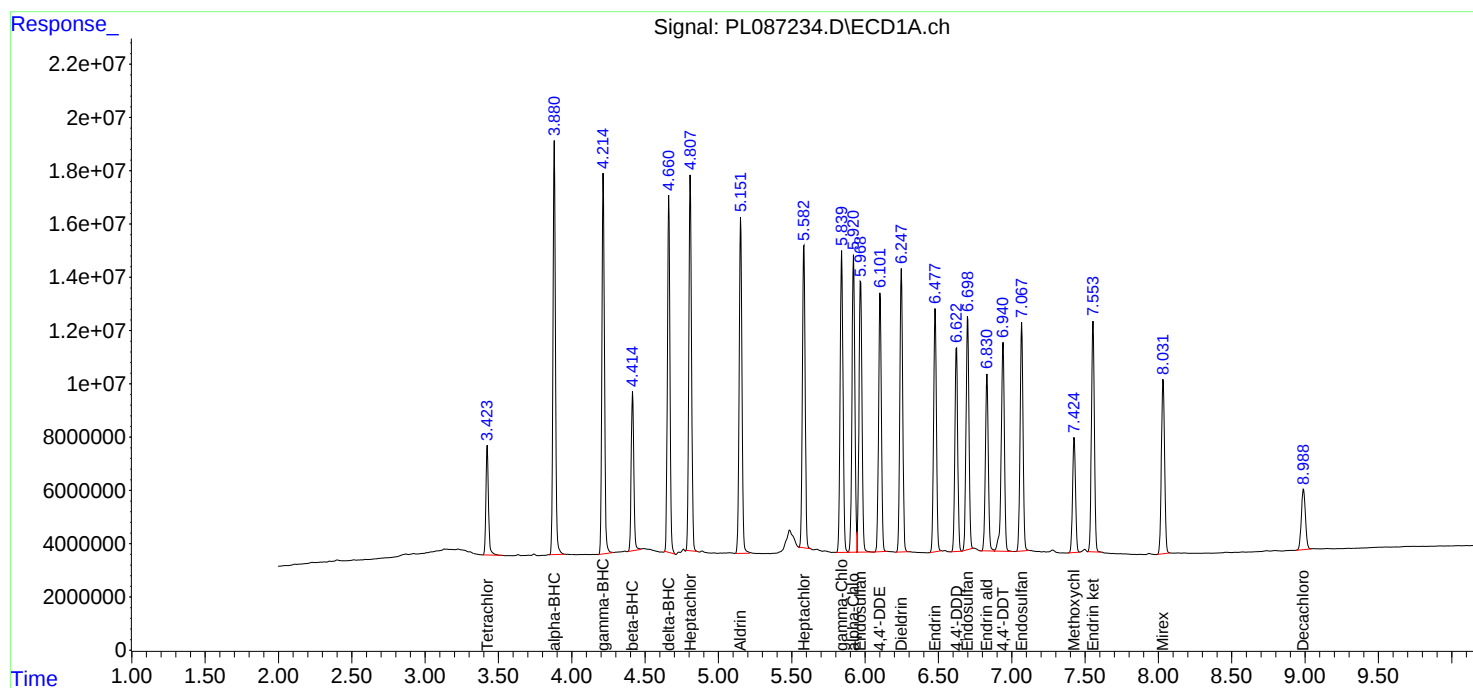
Instrument :
ECD_L
ClientSampleId :
PB157809BS

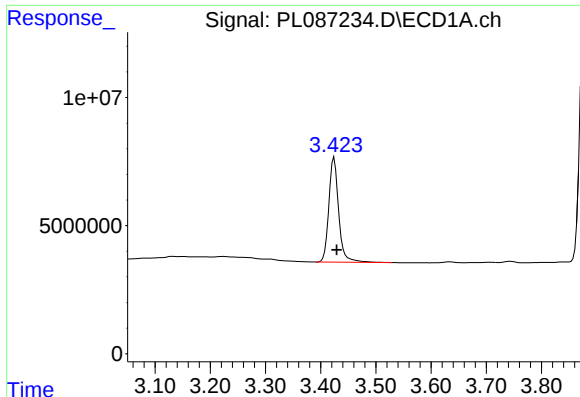
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 12/19/2023
Supervised By : Ankita Jodhani 12/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 18 20:42:49 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
Quant Title : GC Extractables
QLast Update : Sat Dec 16 04:03:23 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.: -0.005 min
Response: 50478433
Conc: 13.41 ng/ml

Instrument :

ECD_L

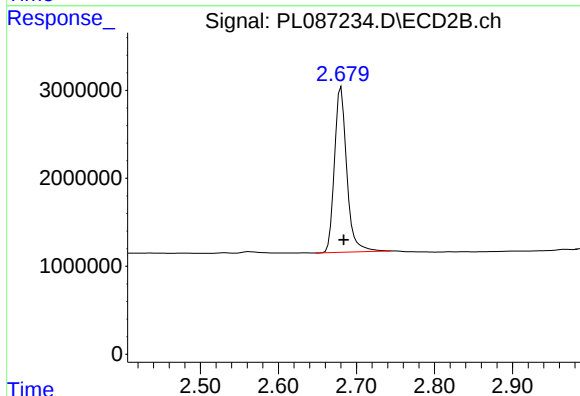
ClientSampleId :

PB157809BS

Manual Integrations

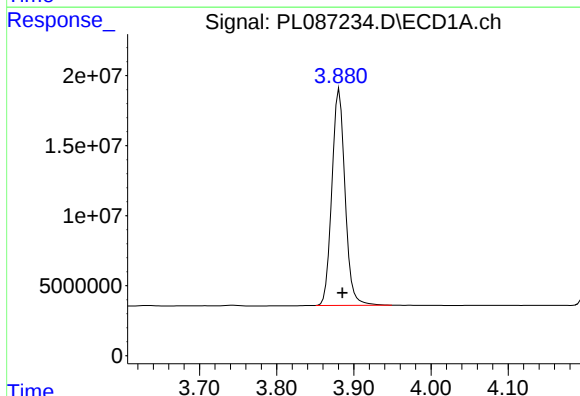
APPROVED

Reviewed By :Abdul Mirza 12/19/2023
Supervised By :Ankita Jodhani 12/19/2023



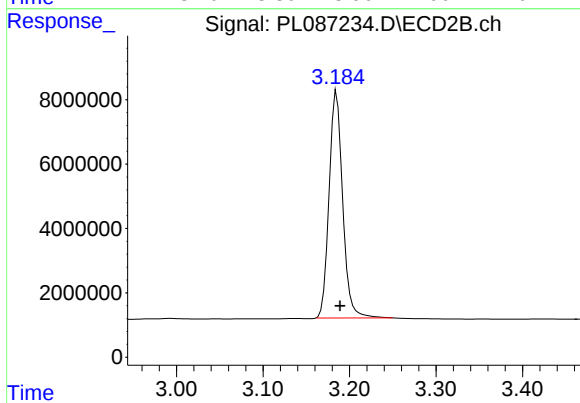
#1 Tetrachloro-m-xylene

R.T.: 2.680 min
Delta R.T.: -0.003 min
Response: 20574334
Conc: 12.22 ng/ml



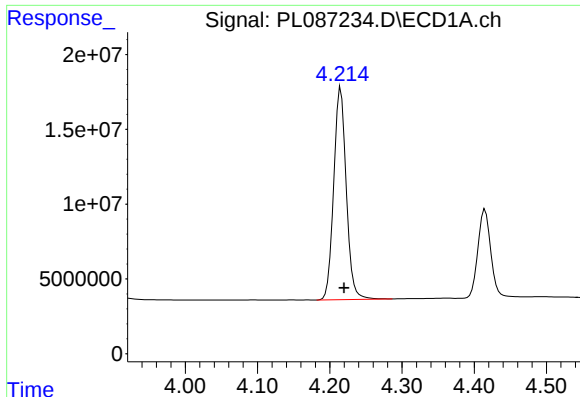
#2 alpha-BHC

R.T.: 3.881 min
Delta R.T.: -0.004 min
Response: 184204246
Conc: 34.02 ng/ml



#2 alpha-BHC

R.T.: 3.185 min
Delta R.T.: -0.004 min
Response: 76974284
Conc: 31.32 ng/ml



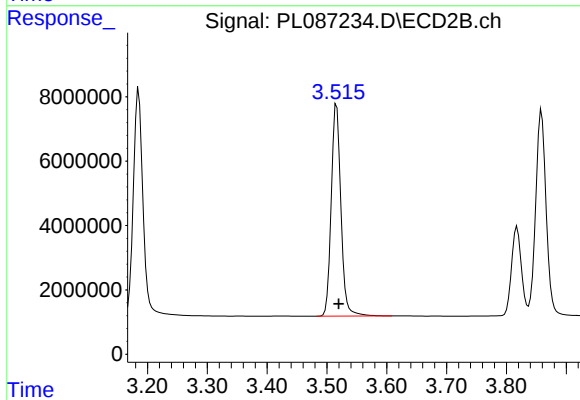
#3 gamma-BHC (Lindane)

R.T.: 4.215 min
Delta R.T.: -0.004 min
Response: 171517477
Conc: 32.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

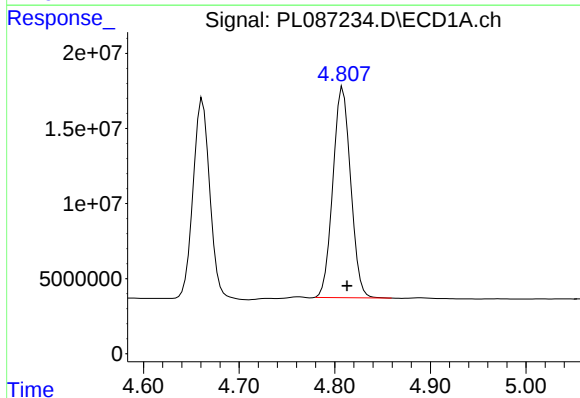
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/19/2023
Supervised By :Ankita Jodhani 12/19/2023



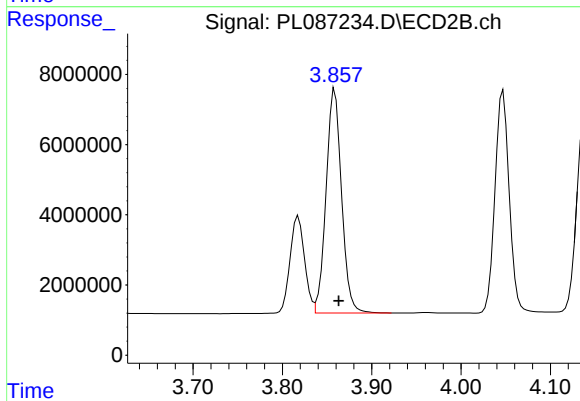
#3 gamma-BHC (Lindane)

R.T.: 3.516 min
Delta R.T.: -0.004 min
Response: 73926057
Conc: 30.52 ng/ml



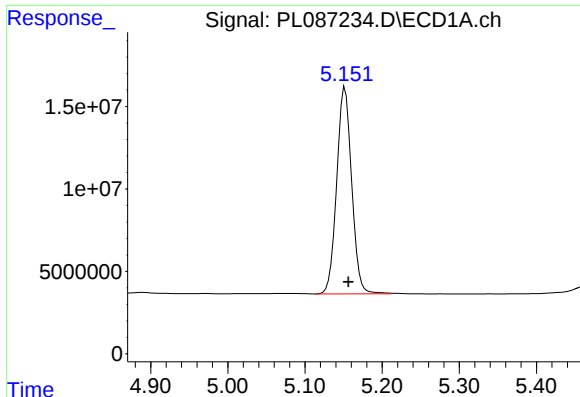
#4 Heptachlor

R.T.: 4.808 min
Delta R.T.: -0.004 min
Response: 180576800
Conc: 33.90 ng/ml



#4 Heptachlor

R.T.: 3.859 min
Delta R.T.: -0.004 min
Response: 76921589
Conc: 32.18 ng/ml



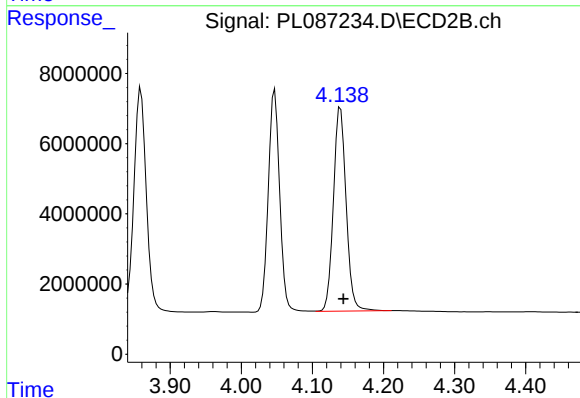
#5 Aldrin

R.T.: 5.152 min
Delta R.T.: -0.004 min
Response: 169366083
Conc: 32.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

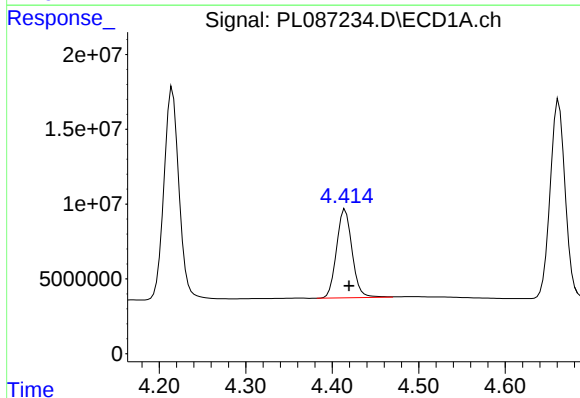
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/19/2023
Supervised By :Ankita Jodhani 12/19/2023



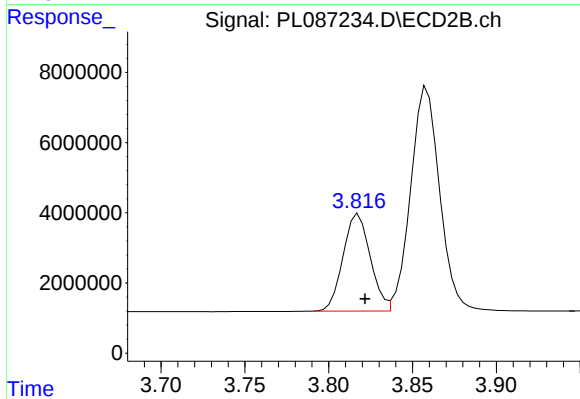
#5 Aldrin

R.T.: 4.140 min
Delta R.T.: -0.004 min
Response: 72120342
Conc: 30.08 ng/ml



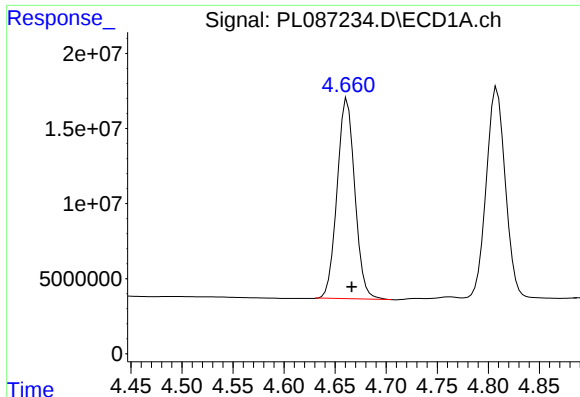
#6 beta-BHC

R.T.: 4.415 min
Delta R.T.: -0.004 min
Response: 73688071
Conc: 32.08 ng/ml



#6 beta-BHC

R.T.: 3.818 min
Delta R.T.: -0.004 min
Response: 31255692
Conc: 30.02 ng/ml



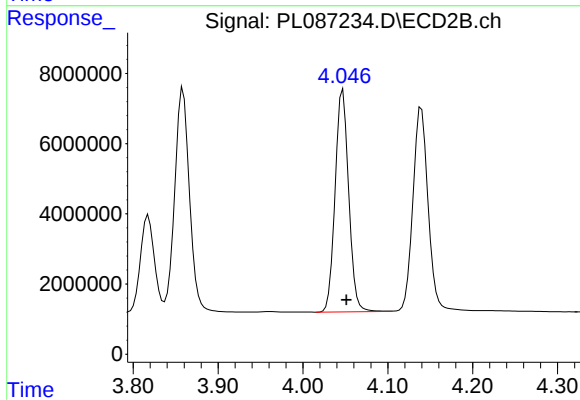
#7 delta-BHC

R.T.: 4.660 min
Delta R.T.: -0.006 min
Response: 160888957
Conc: 30.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

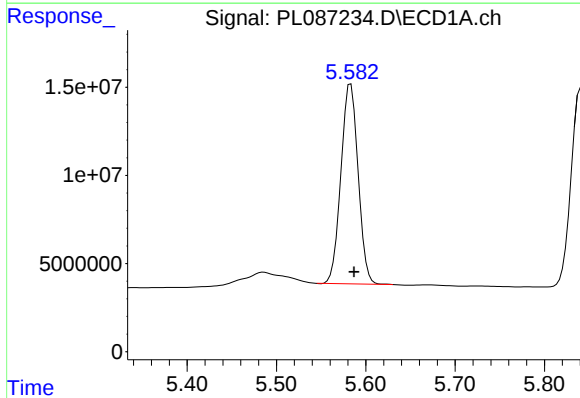
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/19/2023
Supervised By :Ankita Jodhani 12/19/2023



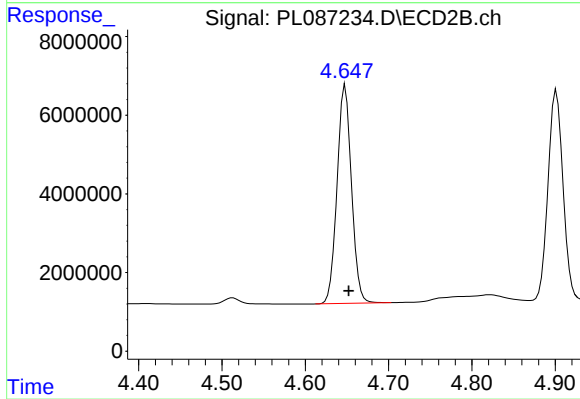
#7 delta-BHC

R.T.: 4.047 min
Delta R.T.: -0.004 min
Response: 70372301
Conc: 28.77 ng/ml



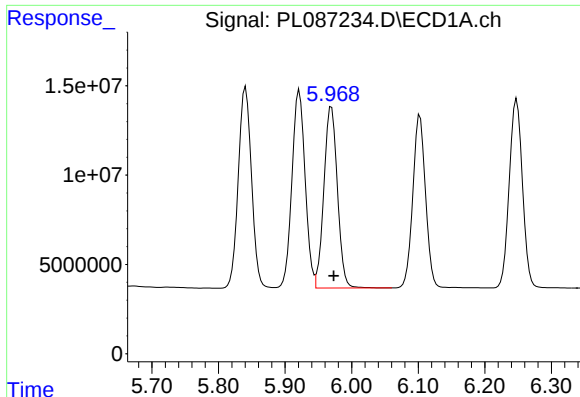
#8 Heptachlor epoxide

R.T.: 5.583 min
Delta R.T.: -0.004 min
Response: 151562167
Conc: 32.16 ng/ml



#8 Heptachlor epoxide

R.T.: 4.648 min
Delta R.T.: -0.004 min
Response: 66841439
Conc: 30.04 ng/ml



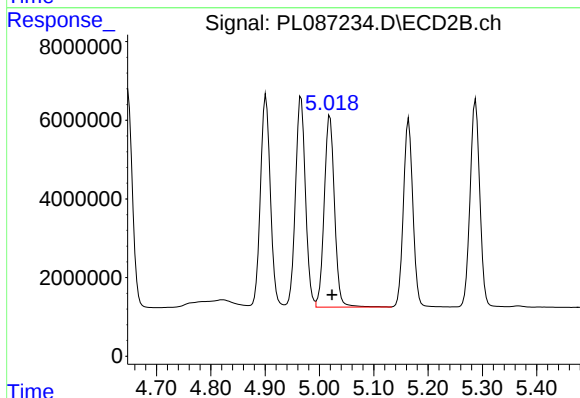
#9 Endosulfan I

R.T.: 5.970 min
Delta R.T.: -0.004 min
Response: 143424036
Conc: 32.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

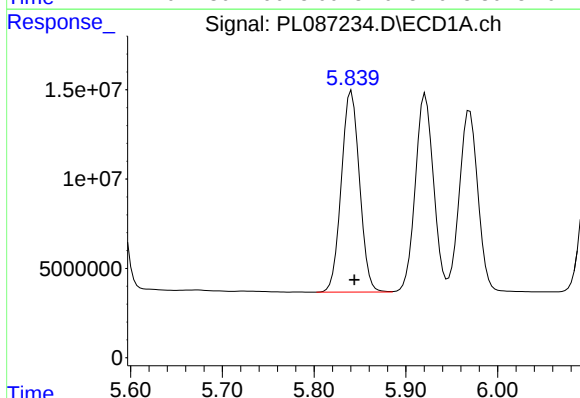
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/19/2023
Supervised By :Ankita Jodhani 12/19/2023



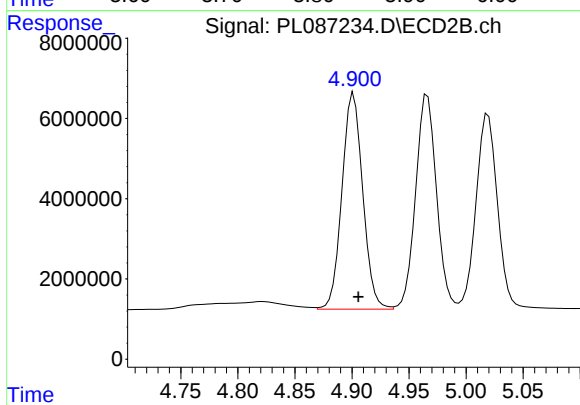
#9 Endosulfan I

R.T.: 5.019 min
Delta R.T.: -0.004 min
Response: 64141171
Conc: 29.68 ng/ml



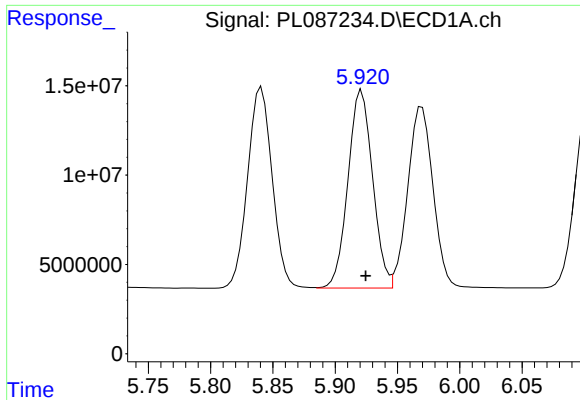
#10 gamma-Chlordane

R.T.: 5.841 min
Delta R.T.: -0.003 min
Response: 155136271
Conc: 32.00 ng/ml



#10 gamma-Chlordane

R.T.: 4.902 min
Delta R.T.: -0.004 min
Response: 68394011
Conc: 29.90 ng/ml



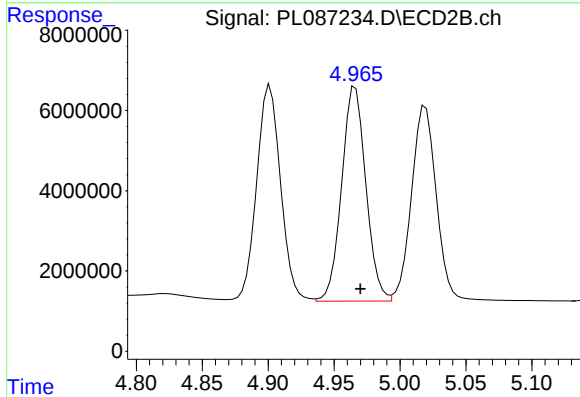
#11 alpha-Chlordane

R.T.: 5.921 min
Delta R.T.: -0.003 min
Response: 152977688
Conc: 31.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

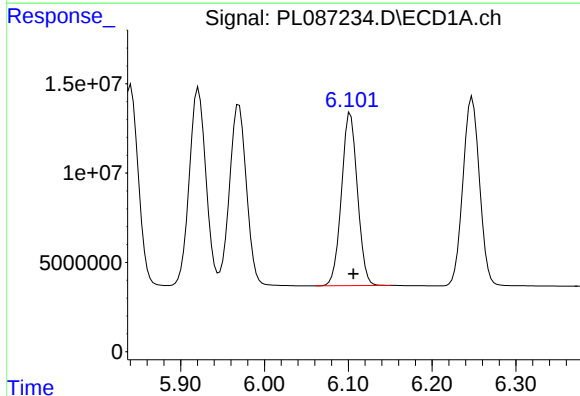
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/19/2023
Supervised By :Ankita Jodhani 12/19/2023



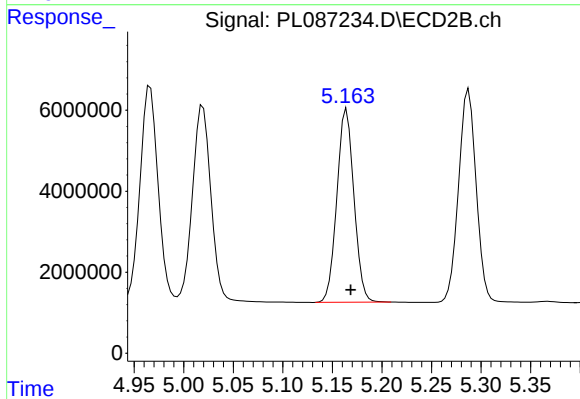
#11 alpha-Chlordane

R.T.: 4.966 min
Delta R.T.: -0.004 min
Response: 68291112
Conc: 29.59 ng/ml



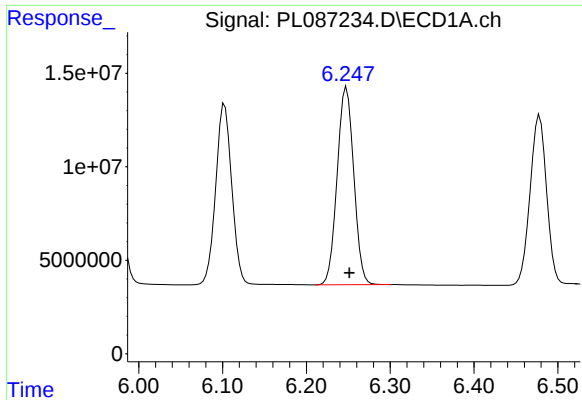
#12 4,4'-DDE

R.T.: 6.103 min
Delta R.T.: -0.004 min
Response: 128151868
Conc: 30.92 ng/ml



#12 4,4'-DDE

R.T.: 5.164 min
Delta R.T.: -0.004 min
Response: 57196889
Conc: 28.81 ng/ml



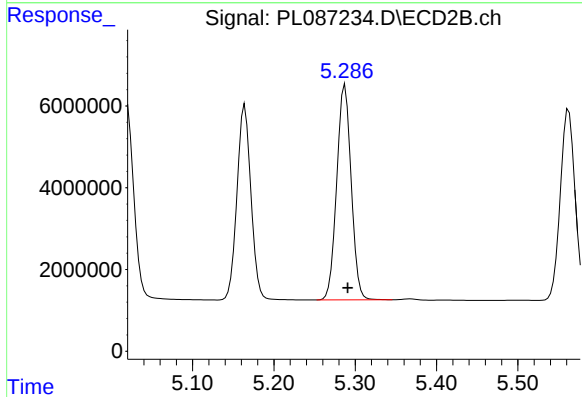
#13 Dieldrin

R.T.: 6.248 min
Delta R.T.: -0.004 min
Response: 145585776
Conc: 31.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

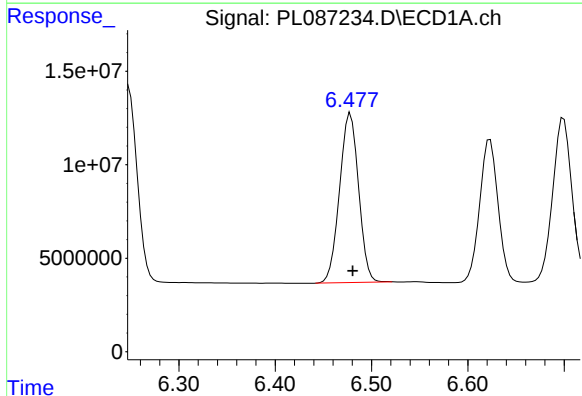
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/19/2023
Supervised By :Ankita Jodhani 12/19/2023



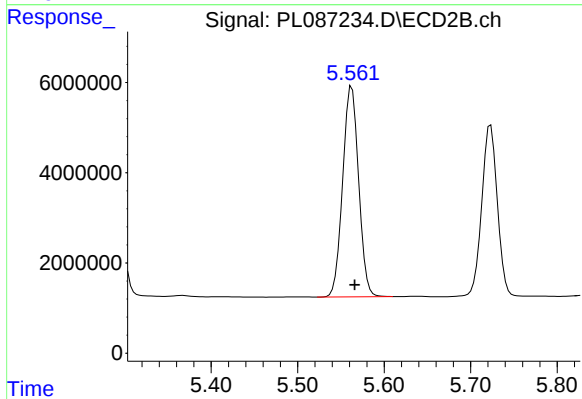
#13 Dieldrin

R.T.: 5.288 min
Delta R.T.: -0.003 min
Response: 65012010
Conc: 29.18 ng/ml



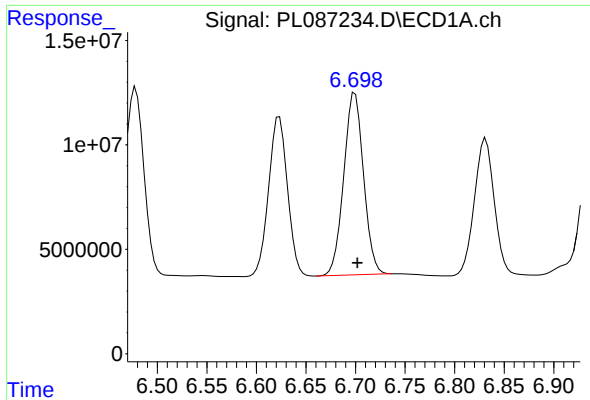
#14 Endrin

R.T.: 6.478 min
Delta R.T.: -0.002 min
Response: 124119476
Conc: 32.26 ng/ml



#14 Endrin

R.T.: 5.563 min
Delta R.T.: -0.004 min
Response: 59466960
Conc: 29.80 ng/ml



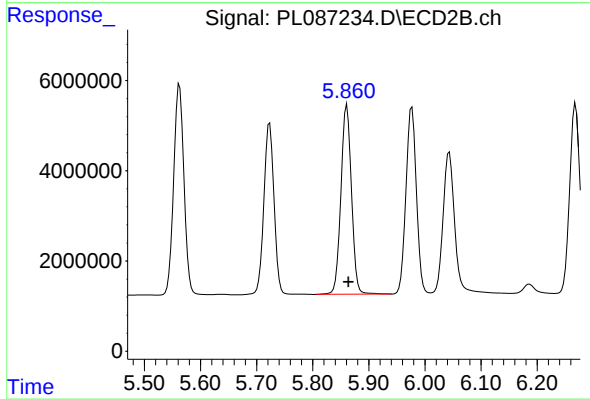
#15 Endosulfan II

R.T.: 6.699 min
Delta R.T.: -0.003 min
Response: 121113979
Conc: 30.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

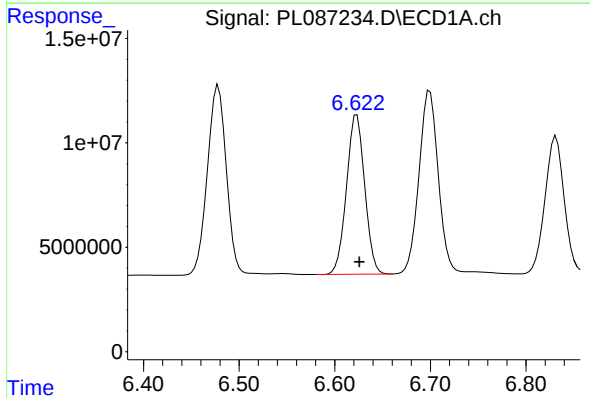
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/19/2023
Supervised By :Ankita Jodhani 12/19/2023



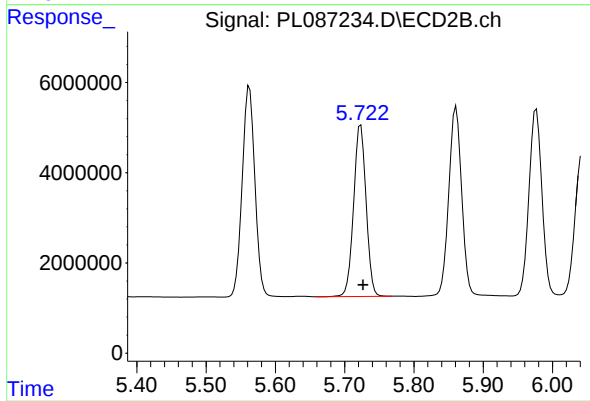
#15 Endosulfan II

R.T.: 5.861 min
Delta R.T.: -0.003 min
Response: 54784463
Conc: 28.14 ng/ml



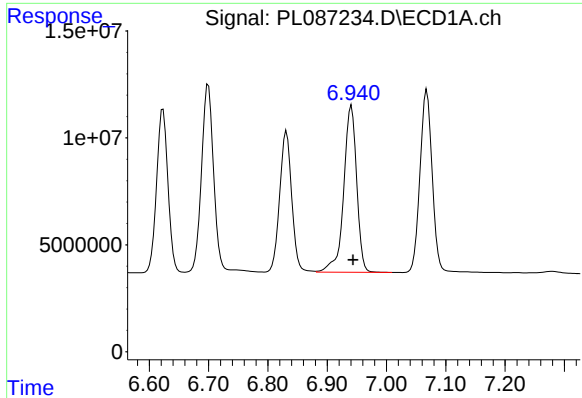
#16 4,4'-DDD

R.T.: 6.623 min
Delta R.T.: -0.003 min
Response: 101421726
Conc: 30.69 ng/ml



#16 4,4'-DDD

R.T.: 5.723 min
Delta R.T.: -0.003 min
Response: 47637694
Conc: 28.77 ng/ml



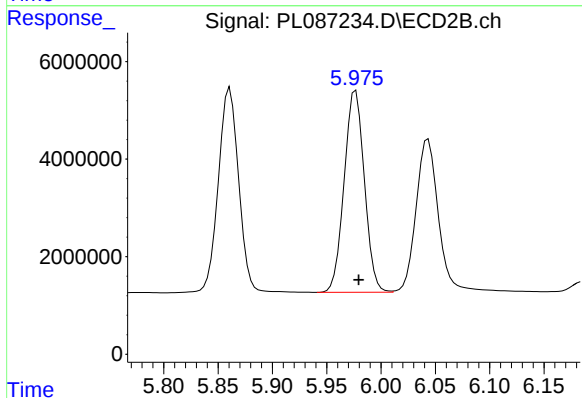
#17 4,4'-DDT

R.T.: 6.941 min
Delta R.T.: -0.002 min
Response: 119021004
Conc: 31.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

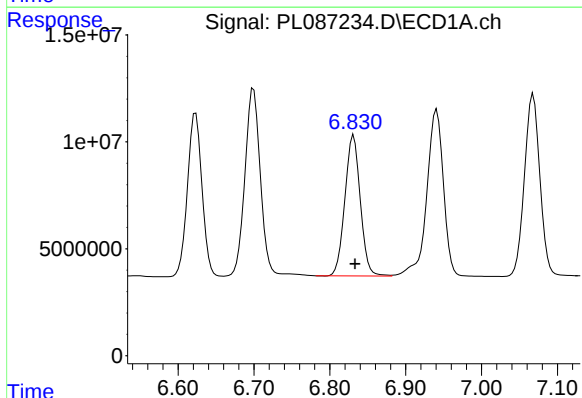
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/19/2023
Supervised By :Ankita Jodhani 12/19/2023



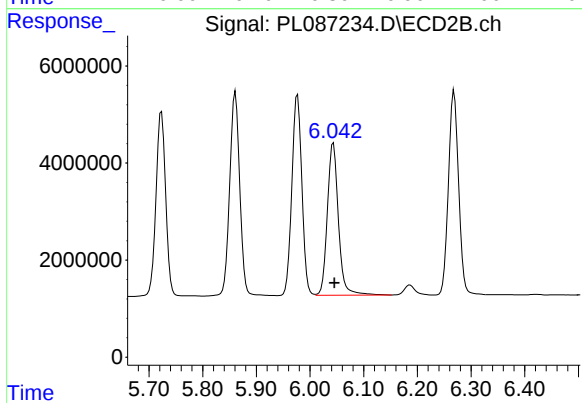
#17 4,4'-DDT

R.T.: 5.977 min
Delta R.T.: -0.003 min
Response: 53606700
Conc: 29.07 ng/ml



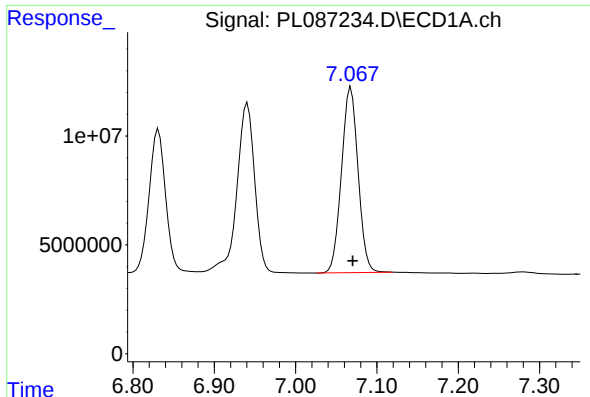
#18 Endrin aldehyde

R.T.: 6.831 min
Delta R.T.: -0.002 min
Response: 92858633
Conc: 32.04 ng/ml



#18 Endrin aldehyde

R.T.: 6.043 min
Delta R.T.: -0.002 min
Response: 45108596
Conc: 30.74 ng/ml



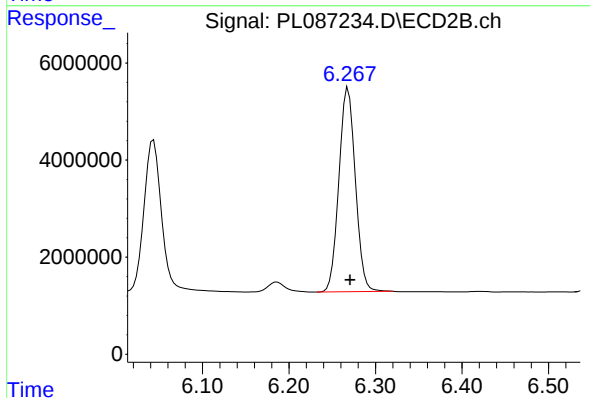
#19 Endosulfan Sulfate

R.T.: 7.068 min
Delta R.T.: -0.002 min
Response: 120351672
Conc: 30.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

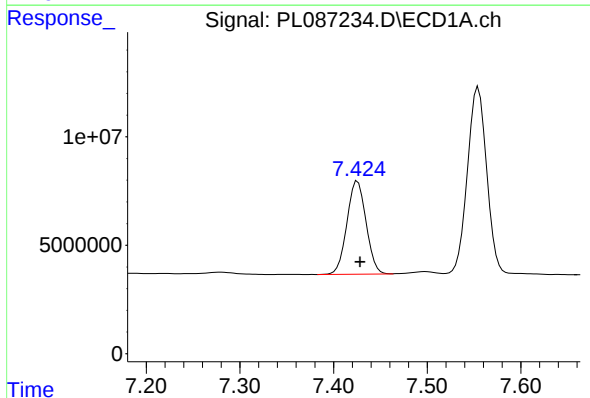
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/19/2023
Supervised By :Ankita Jodhani 12/19/2023



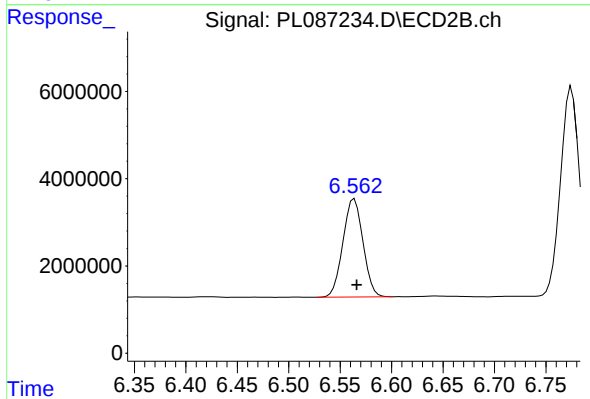
#19 Endosulfan Sulfate

R.T.: 6.268 min
Delta R.T.: -0.002 min
Response: 55261685
Conc: 29.33 ng/ml



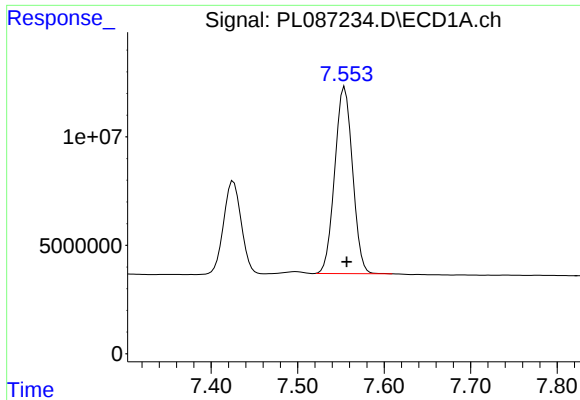
#20 Methoxychlor

R.T.: 7.426 min
Delta R.T.: -0.002 min
Response: 60910388
Conc: 31.24 ng/ml



#20 Methoxychlor

R.T.: 6.564 min
Delta R.T.: -0.002 min
Response: 30537340
Conc: 29.90 ng/ml



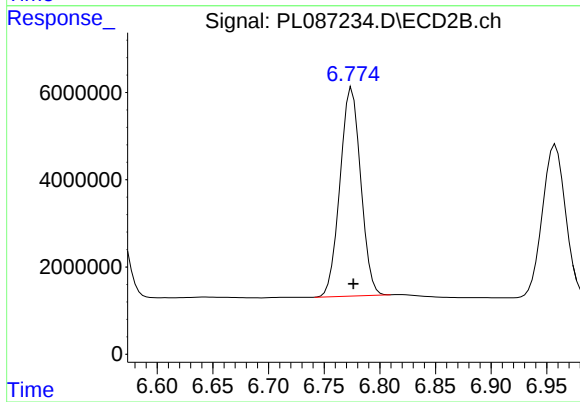
#21 Endrin ketone

R.T.: 7.555 min
Delta R.T.: -0.002 min
Response: 122451236
Conc: 30.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

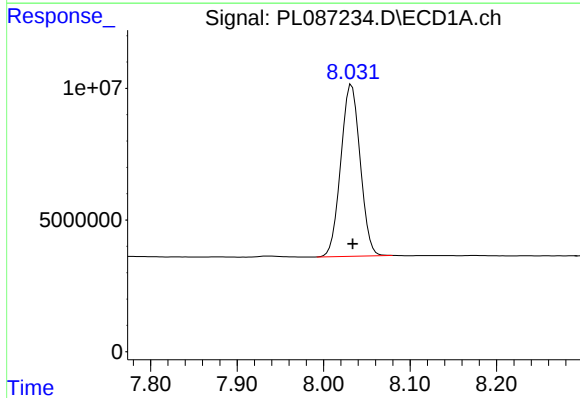
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/19/2023
Supervised By :Ankita Jodhani 12/19/2023



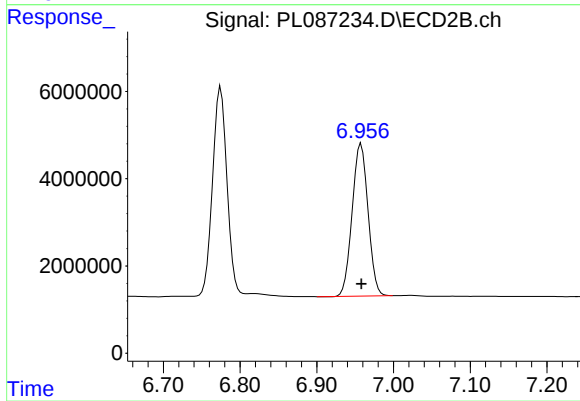
#21 Endrin ketone

R.T.: 6.775 min
Delta R.T.: -0.001 min
Response: 61973127
Conc: 29.11 ng/ml



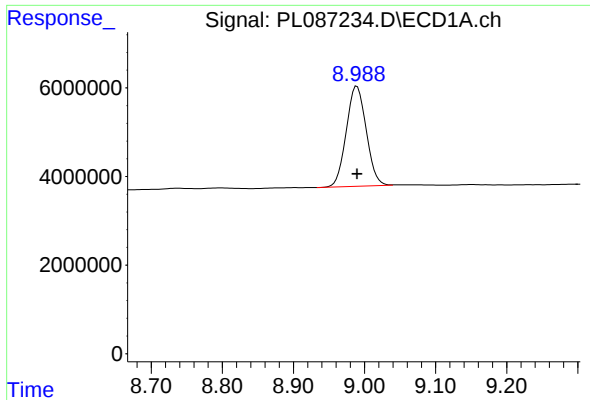
#22 Mirex

R.T.: 8.032 min
Delta R.T.: -0.001 min
Response: 101089336
Conc: 30.01 ng/ml



#22 Mirex

R.T.: 6.958 min
Delta R.T.: 0.000 min
Response: 50659664
Conc: 28.47 ng/ml



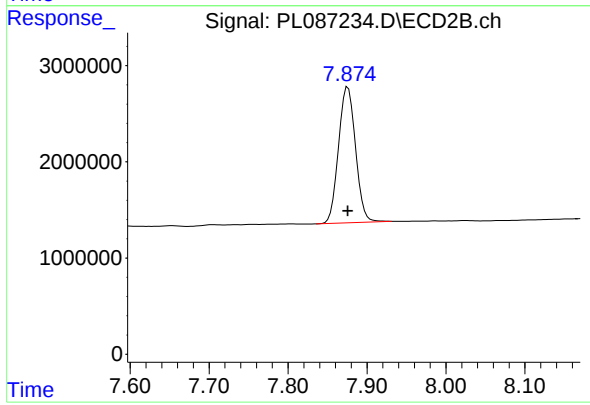
#28 Decachlorobiphenyl

R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 44047075
Conc: 12.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157809BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/19/2023
Supervised By :Ankita Jodhani 12/19/2023



#28 Decachlorobiphenyl

R.T.: 7.876 min
Delta R.T.: 0.000 min
Response: 21196683
Conc: 12.55 ng/ml