

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011725\
 Data File : PL093689.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jan 2025 14:52
 Operator : AR\AJ
 Sample : PB166096BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166096BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/20/2025
 Supervised By : Ankita Jodhani 01/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 18 00:55:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 15:29:41 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.538	2.775	45603899	52358799	18.421	17.985
28)	SA Decachlor...	9.055	7.910	33042074	50528294	17.870	16.922
Target Compounds							
2)	A alpha-BHC	3.994	3.278	161.8E6	214.3E6	46.855	49.307
3)	MA gamma-BHC...	4.327	3.608	151.9E6	201.9E6	46.321	47.843
4)	MA Heptachlor	4.915	3.946	135.4E6	198.6E6	46.246	47.782
5)	MB Aldrin	5.257	4.225	132.1E6	194.2E6	45.415	47.346
6)	B beta-BHC	4.525	3.908	69251950	89725629	48.039	49.917
7)	B delta-BHC	4.772	4.136	145.3E6	202.4E6	47.442	47.857
8)	B Heptachlo...	5.683	4.728	119.4E6	180.2E6	45.316	47.061
9)	A Endosulfan I	6.068	5.097	108.7E6	169.7E6	46.057	48.559
10)	B gamma-Chl...	5.939	4.977	116.0E6	188.3E6	46.142	48.878m
11)	B alpha-Chl...	6.018	5.041	115.7E6	183.9E6	46.208	48.301
12)	B 4,4'-DDE	6.191	5.230	107.0E6	179.7E6	47.692	48.875
13)	MA Dieldrin	6.343	5.362	113.5E6	182.5E6	45.504	47.348
14)	MA Endrin	6.572	5.637	91367677	153.0E6	42.448m	46.252
15)	B Endosulfa...	6.794	5.932	98851763	156.7E6	43.484	48.246
16)	A 4,4'-DDD	6.709	5.785	86687370	142.9E6	49.368	50.492
17)	MA 4,4'-DDT	7.023	6.035	85813336	134.9E6	46.423	44.676
18)	B Endrin al...	6.923	6.112	79735692	122.4E6	44.933	45.452
19)	B Endosulfa...	7.158	6.334	91380928	144.4E6	45.260	45.784
20)	A Methoxychlor	7.499	6.610	43587800	67131276	43.602	41.706
21)	B Endrin ke...	7.643	6.839	101.9E6	160.6E6	45.417	44.119
22)	Mirex	8.116	7.019	75832374	119.4E6	40.580	39.058

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011725\
Data File : PL093689.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 14:52
Operator : AR\AJ
Sample : PB166096BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

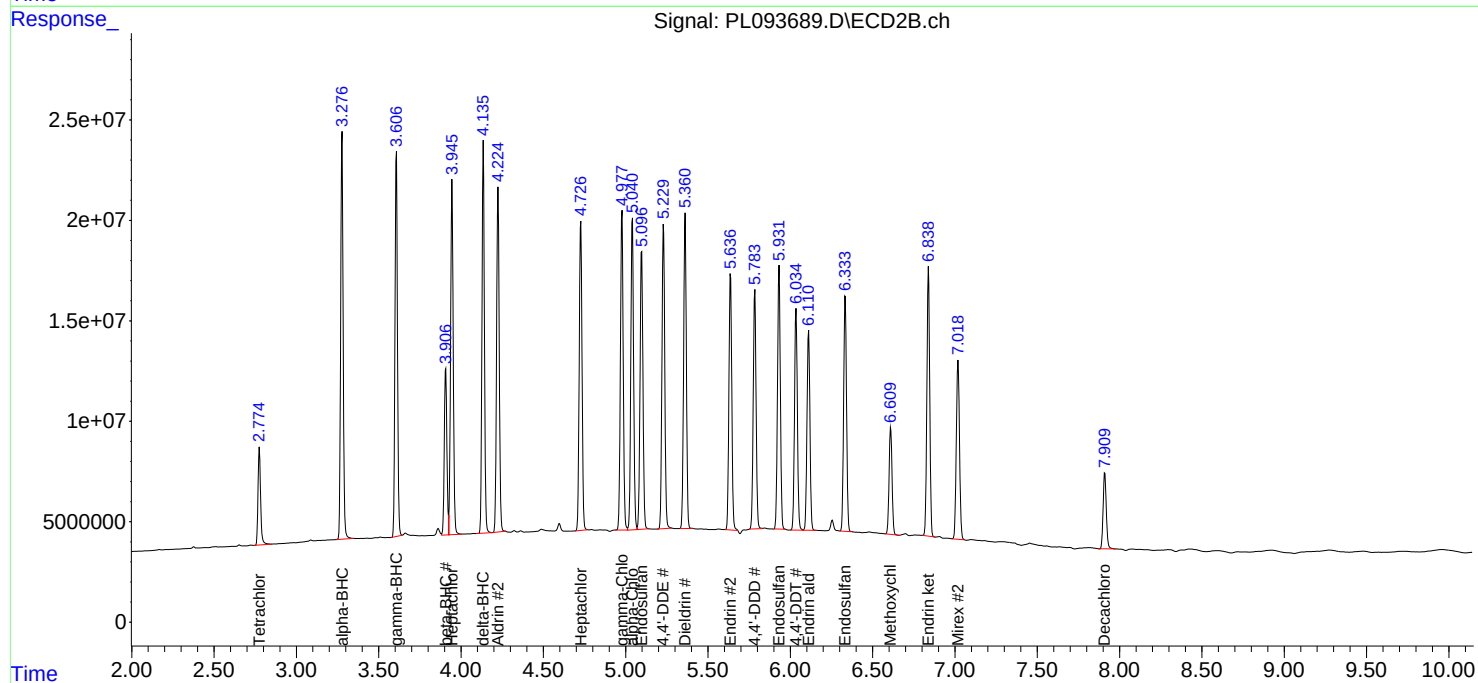
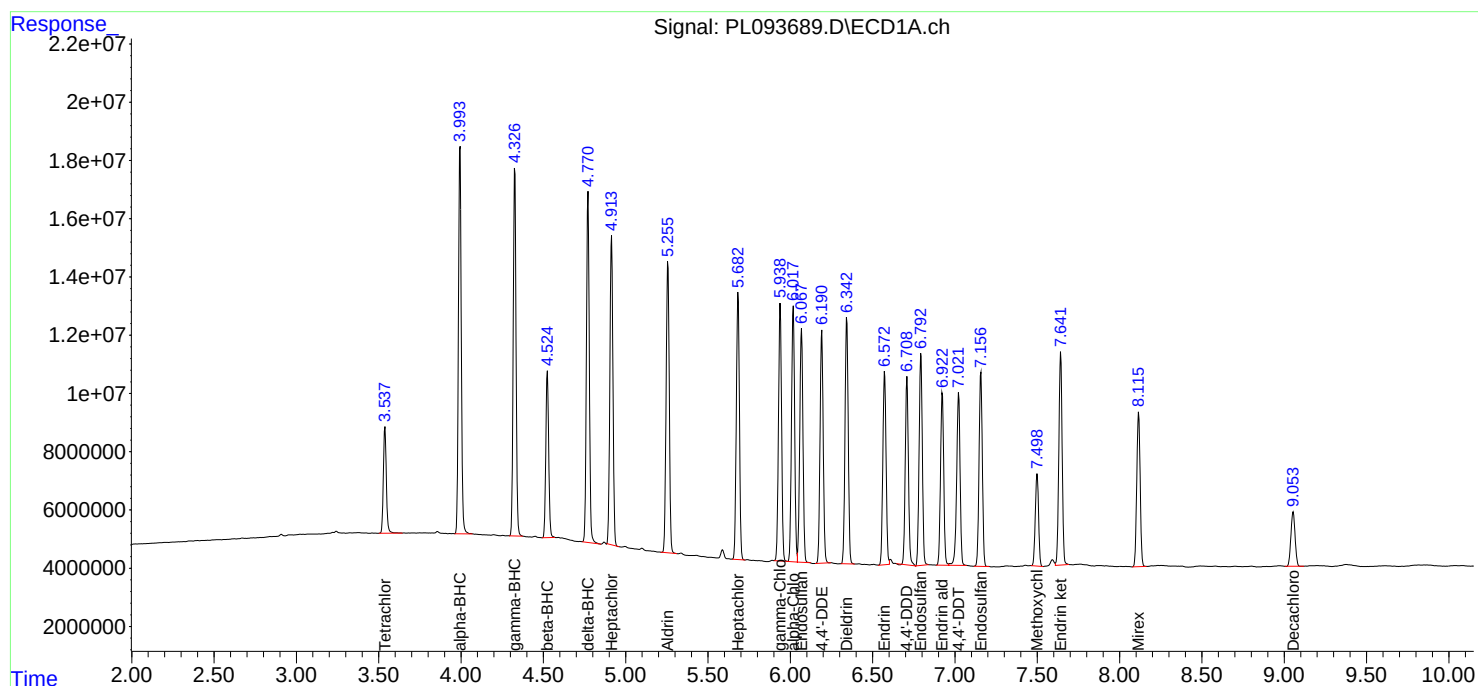
Instrument :
ECD_L
ClientSampleId :
PB166096BS

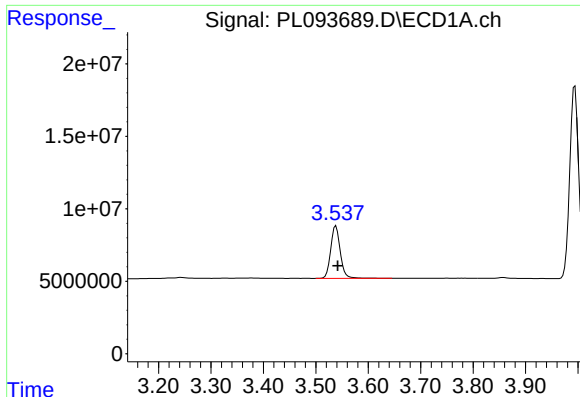
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 01/20/2025
Supervised By : Ankita Jodhani 01/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:55:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





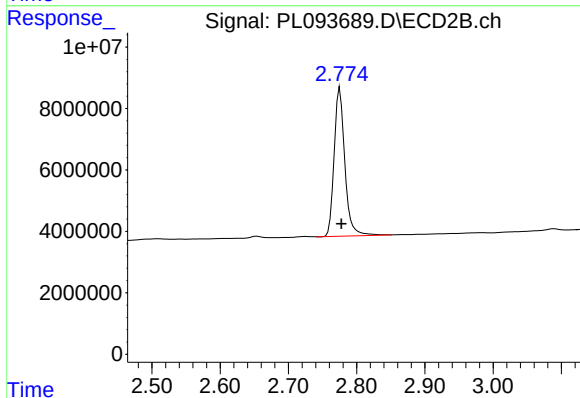
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.004 min
Response: 45603899
Conc: 18.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

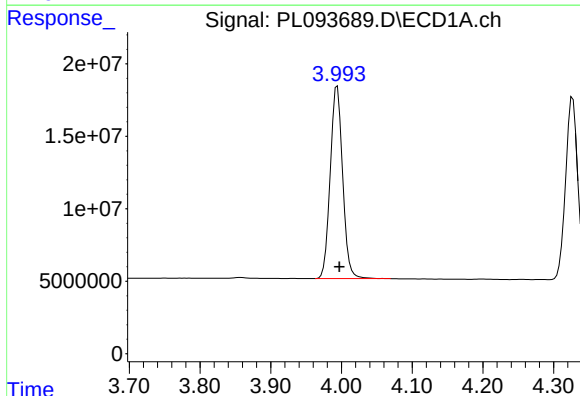
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/20/2025
Supervised By :Ankita Jodhani 01/20/2025



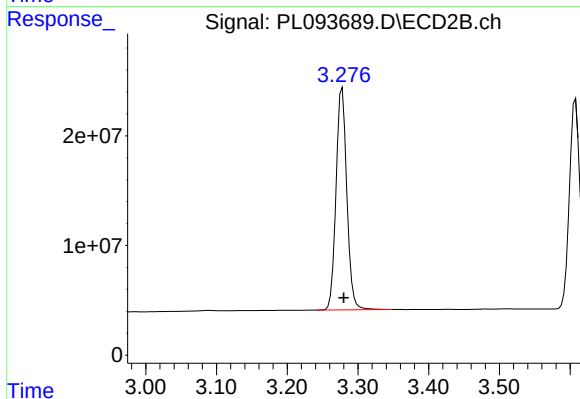
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: -0.002 min
Response: 52358799
Conc: 17.99 ng/ml



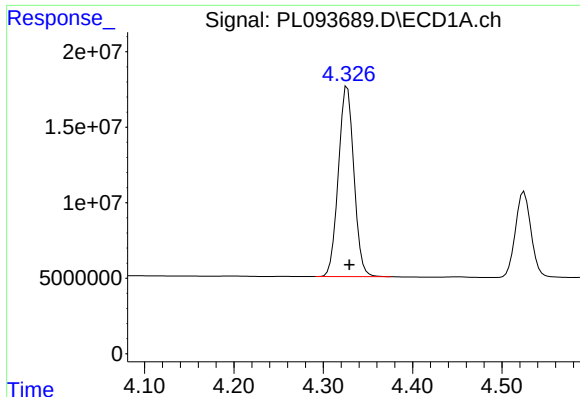
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.003 min
Response: 161761678
Conc: 46.86 ng/ml



#2 alpha-BHC

R.T.: 3.278 min
Delta R.T.: -0.002 min
Response: 214326371
Conc: 49.31 ng/ml



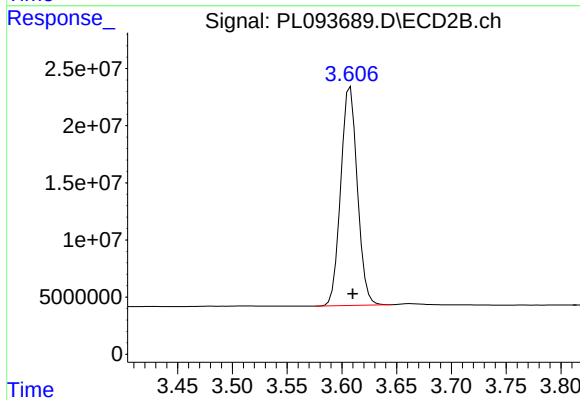
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: -0.002 min
Response: 151906529
Conc: 46.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

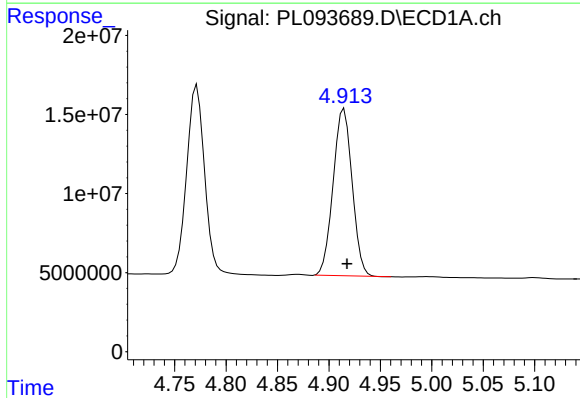
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/20/2025
Supervised By :Ankita Jodhani 01/20/2025



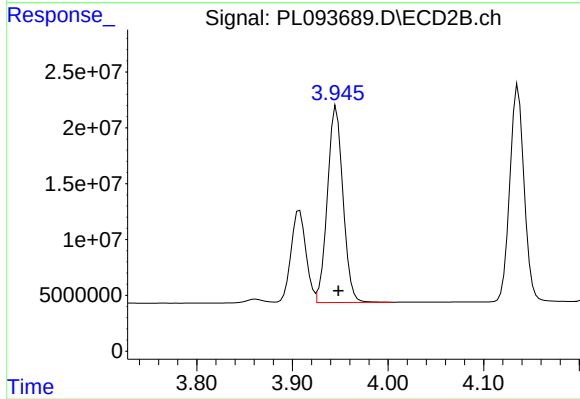
#3 gamma-BHC (Lindane)

R.T.: 3.608 min
Delta R.T.: -0.002 min
Response: 201867876
Conc: 47.84 ng/ml



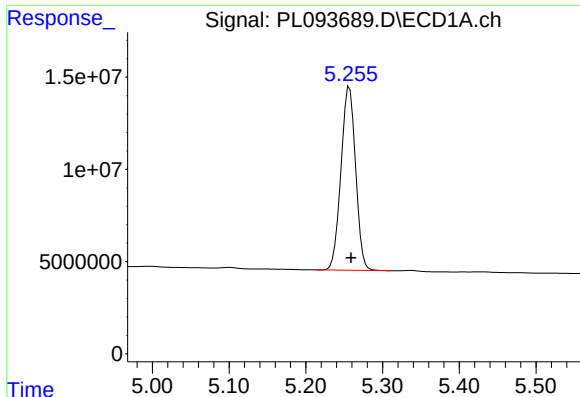
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: -0.003 min
Response: 135421875
Conc: 46.25 ng/ml



#4 Heptachlor

R.T.: 3.946 min
Delta R.T.: -0.002 min
Response: 198579037
Conc: 47.78 ng/ml



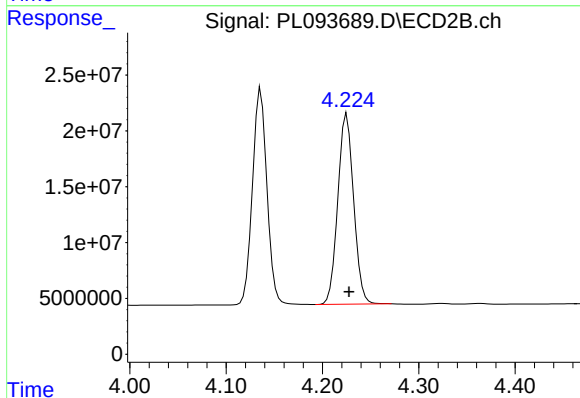
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: -0.002 min
Response: 132106432
Conc: 45.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

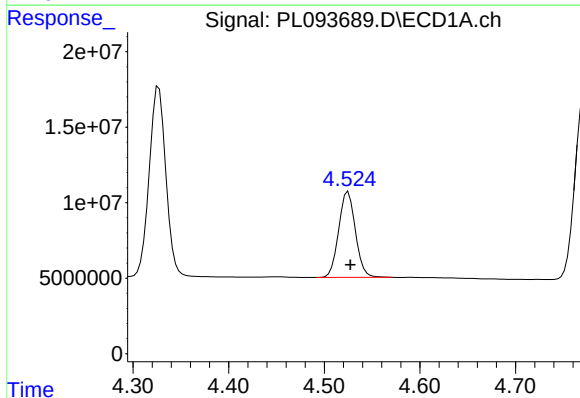
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/20/2025
Supervised By :Ankita Jodhani 01/20/2025



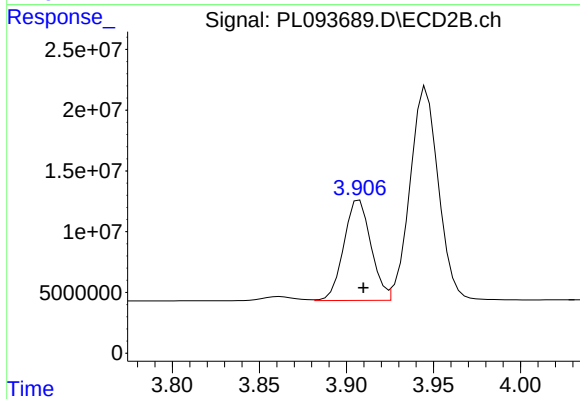
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: -0.002 min
Response: 194224868
Conc: 47.35 ng/ml



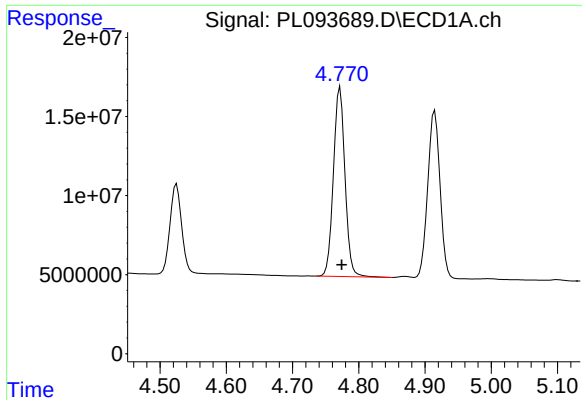
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: -0.003 min
Response: 69251950
Conc: 48.04 ng/ml



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: -0.002 min
Response: 89725629
Conc: 49.92 ng/ml



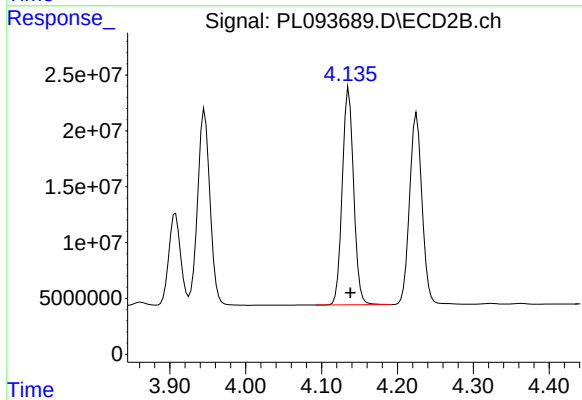
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: -0.003 min
Response: 145294806
Conc: 47.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

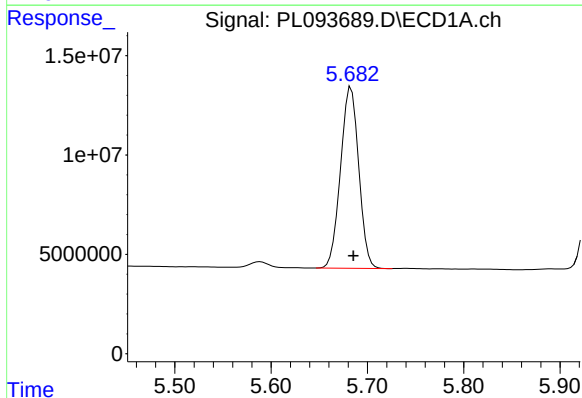
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/20/2025
Supervised By :Ankita Jodhani 01/20/2025



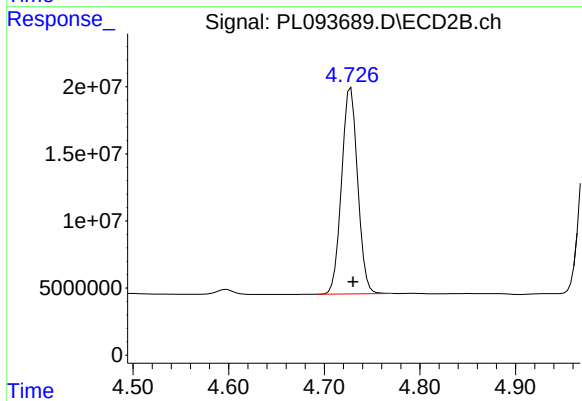
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: -0.002 min
Response: 202381826
Conc: 47.86 ng/ml



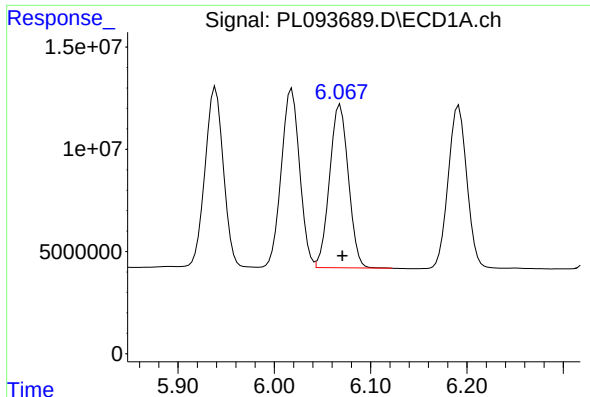
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.002 min
Response: 119377312
Conc: 45.32 ng/ml



#8 Heptachlor epoxide

R.T.: 4.728 min
Delta R.T.: -0.002 min
Response: 180181101
Conc: 47.06 ng/ml



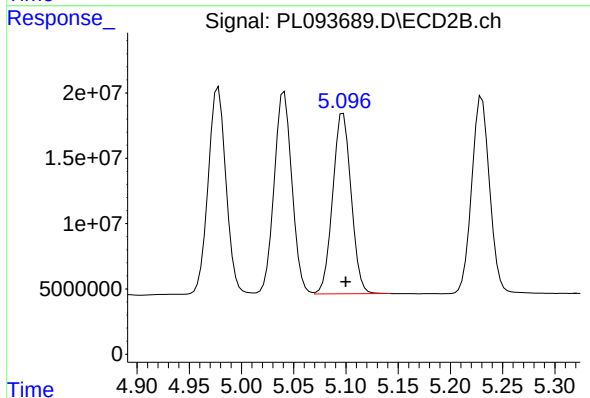
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: -0.002 min
Response: 108660502
Conc: 46.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

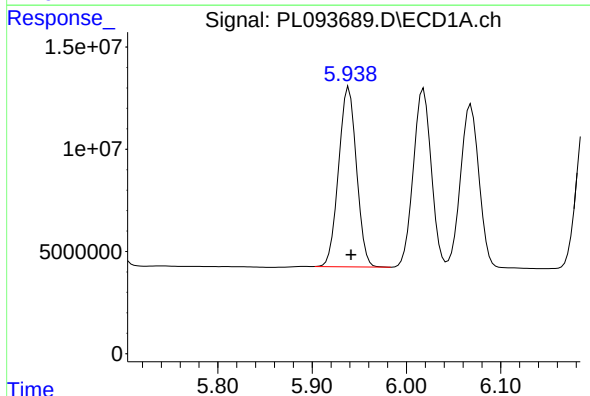
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/20/2025
Supervised By :Ankita Jodhani 01/20/2025



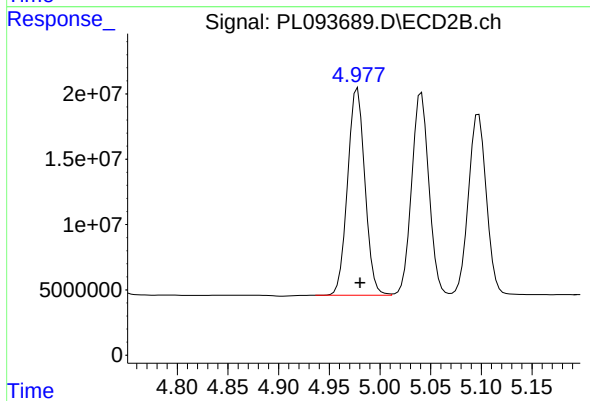
#9 Endosulfan I

R.T.: 5.097 min
Delta R.T.: -0.003 min
Response: 169663593
Conc: 48.56 ng/ml



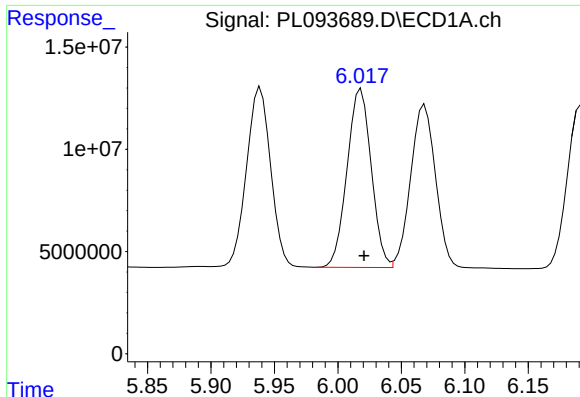
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.002 min
Response: 115959766
Conc: 46.14 ng/ml



#10 gamma-Chlordane

R.T.: 4.977 min
Delta R.T.: -0.004 min
Response: 188329366
Conc: 48.88 ng/ml m



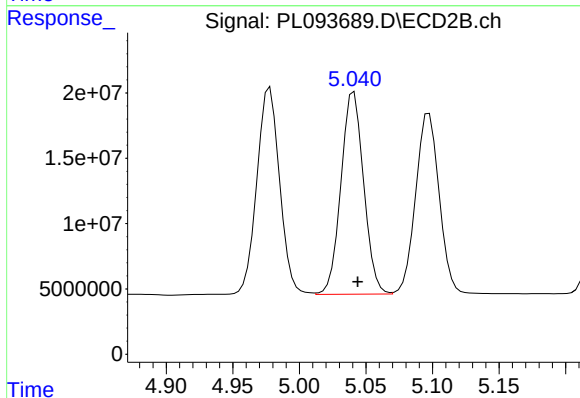
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: -0.002 min
Response: 115654158
Conc: 46.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

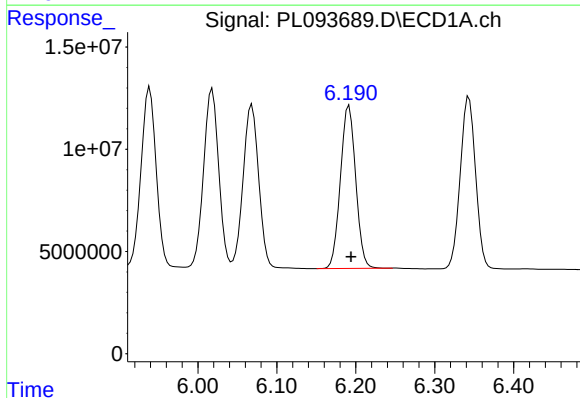
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/20/2025
Supervised By :Ankita Jodhani 01/20/2025



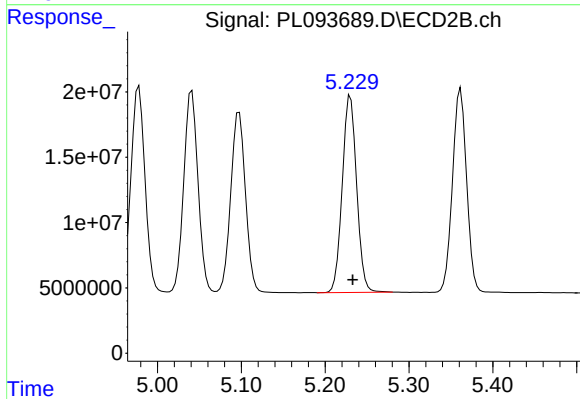
#11 alpha-Chlordane

R.T.: 5.041 min
Delta R.T.: -0.003 min
Response: 183901053
Conc: 48.30 ng/ml



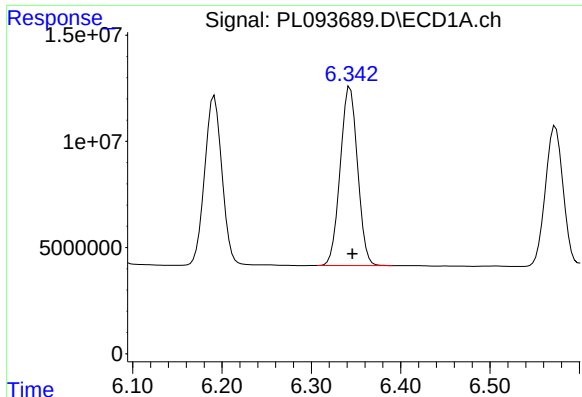
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.003 min
Response: 107014950
Conc: 47.69 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: -0.003 min
Response: 179725457
Conc: 48.88 ng/ml



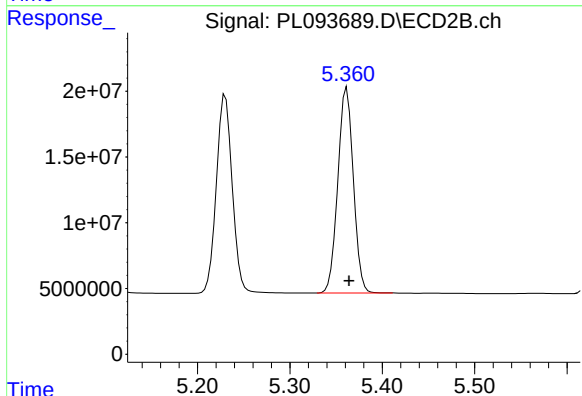
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: -0.003 min
Response: 113535938
Conc: 45.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

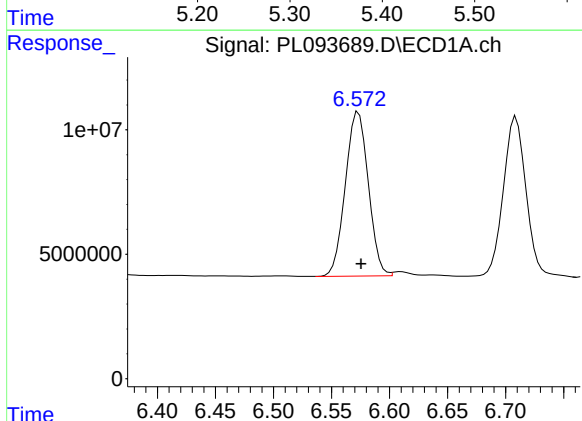
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/20/2025
Supervised By :Ankita Jodhani 01/20/2025



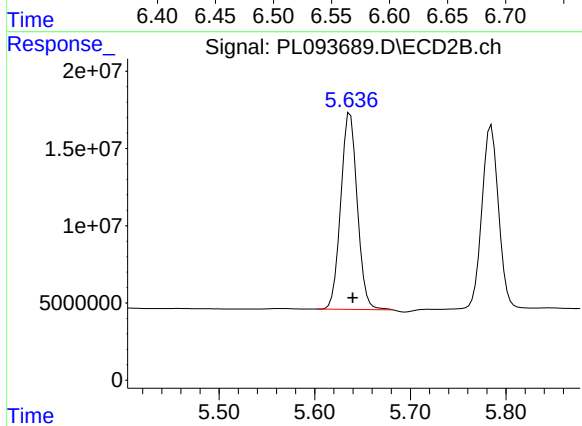
#13 Dieldrin

R.T.: 5.362 min
Delta R.T.: -0.002 min
Response: 182475277
Conc: 47.35 ng/ml



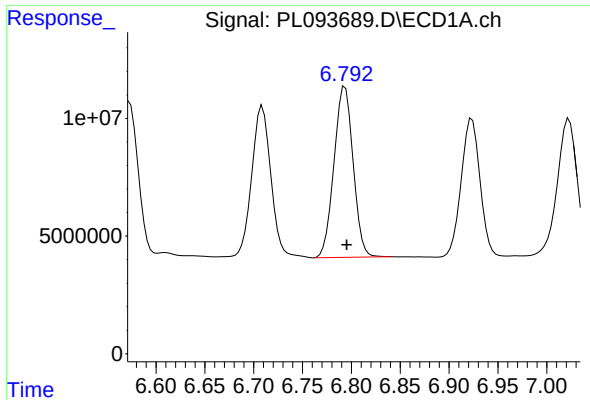
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.004 min
Response: 91367677
Conc: 42.45 ng/ml m



#14 Endrin

R.T.: 5.637 min
Delta R.T.: -0.003 min
Response: 153016405
Conc: 46.25 ng/ml



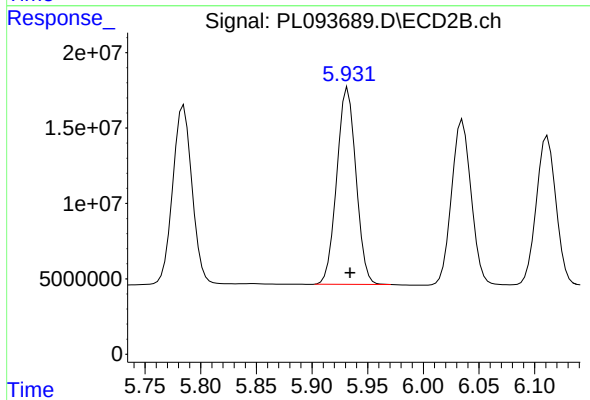
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: -0.002 min
Response: 98851763
Conc: 43.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

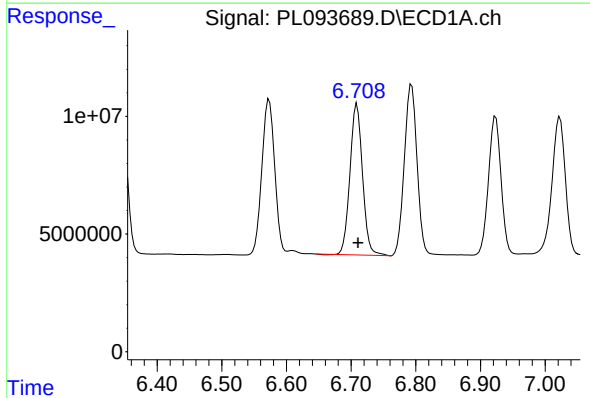
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/20/2025
Supervised By :Ankita Jodhani 01/20/2025



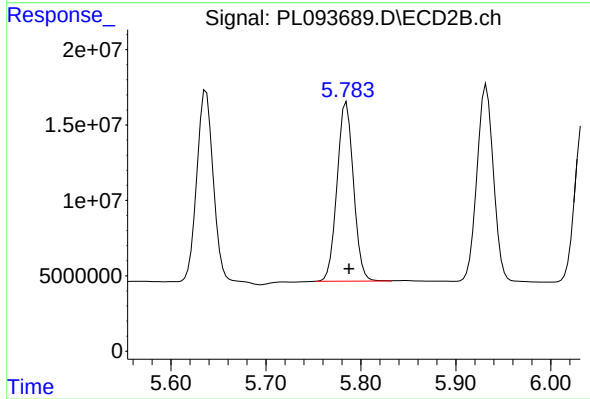
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: -0.002 min
Response: 156747380
Conc: 48.25 ng/ml



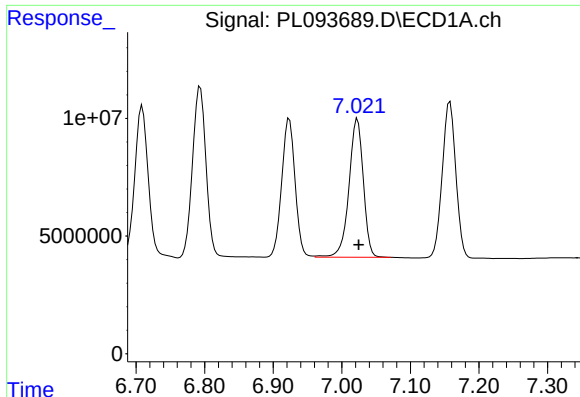
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: -0.002 min
Response: 86687370
Conc: 49.37 ng/ml



#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: -0.003 min
Response: 142900058
Conc: 50.49 ng/ml



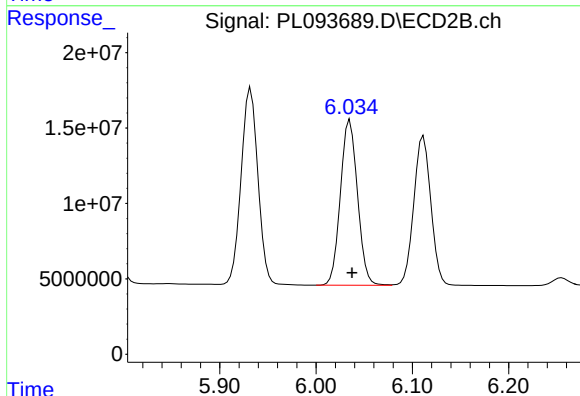
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: -0.002 min
Response: 85813336
Conc: 46.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

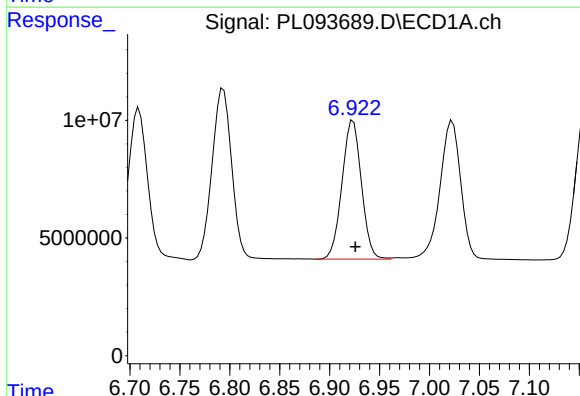
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/20/2025
Supervised By :Ankita Jodhani 01/20/2025



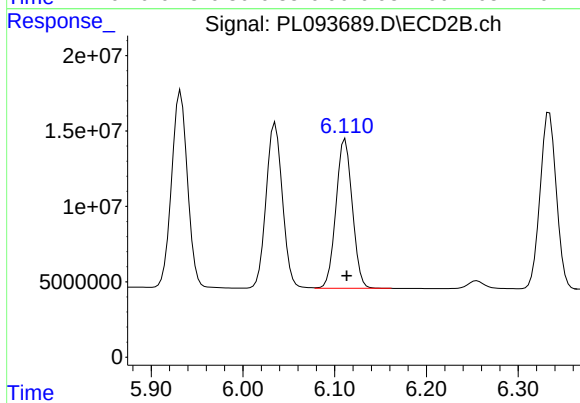
#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: -0.002 min
Response: 134935944
Conc: 44.68 ng/ml



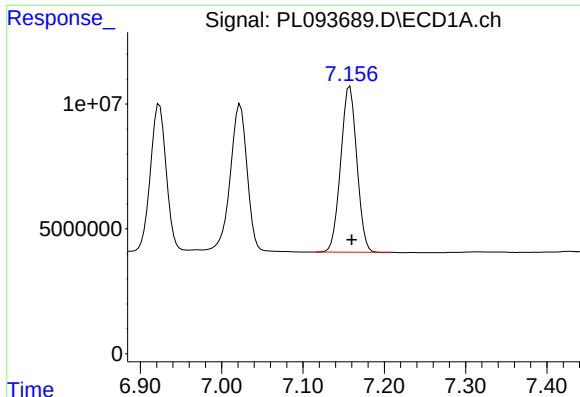
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: -0.002 min
Response: 79735692
Conc: 44.93 ng/ml



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: -0.002 min
Response: 122405688
Conc: 45.45 ng/ml



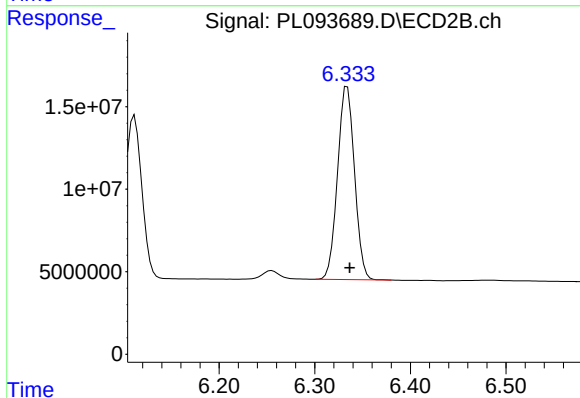
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: -0.002 min
Response: 91380928
Conc: 45.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

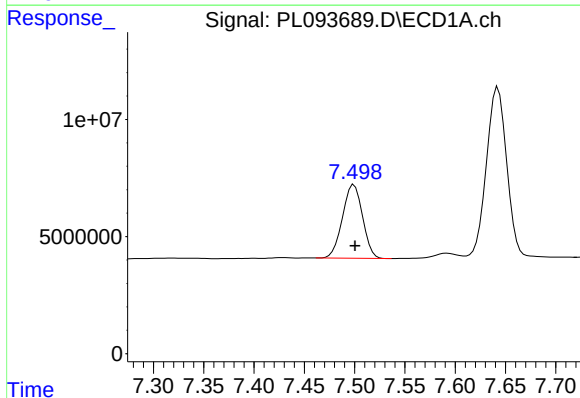
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/20/2025
Supervised By :Ankita Jodhani 01/20/2025



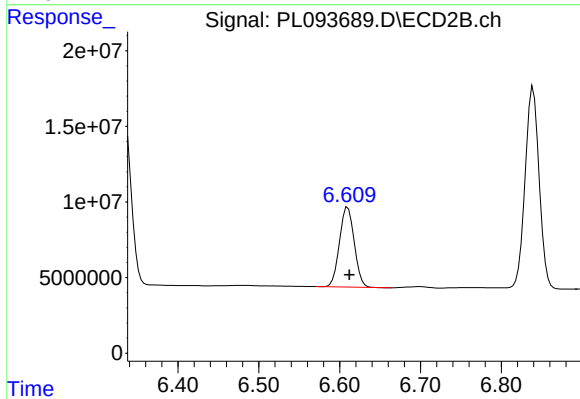
#19 Endosulfan Sulfate

R.T.: 6.334 min
Delta R.T.: -0.003 min
Response: 144421126
Conc: 45.78 ng/ml



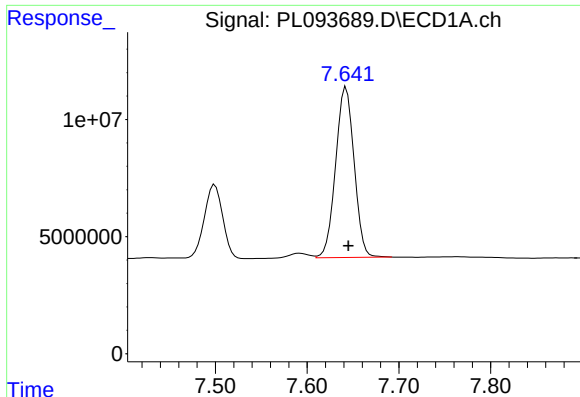
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 43587800
Conc: 43.60 ng/ml



#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: -0.002 min
Response: 67131276
Conc: 41.71 ng/ml



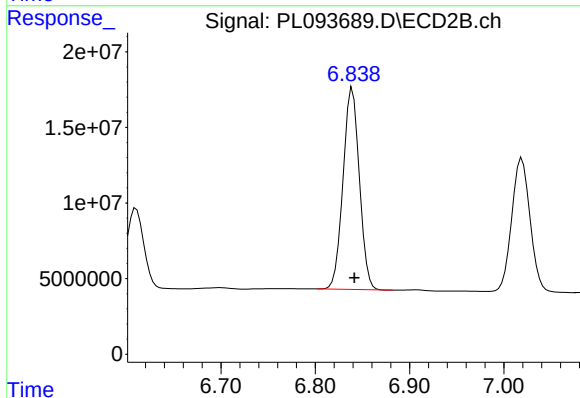
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: -0.002 min
Response: 101909403
Conc: 45.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

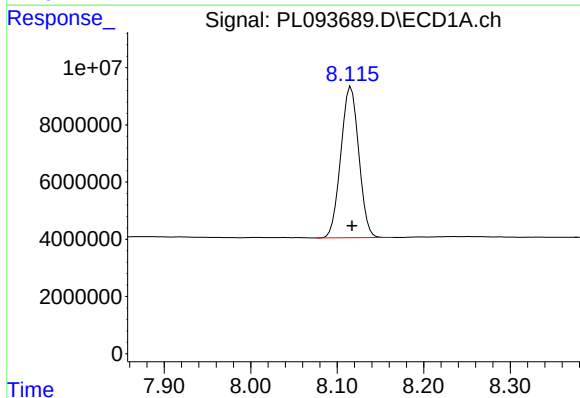
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/20/2025
Supervised By :Ankita Jodhani 01/20/2025



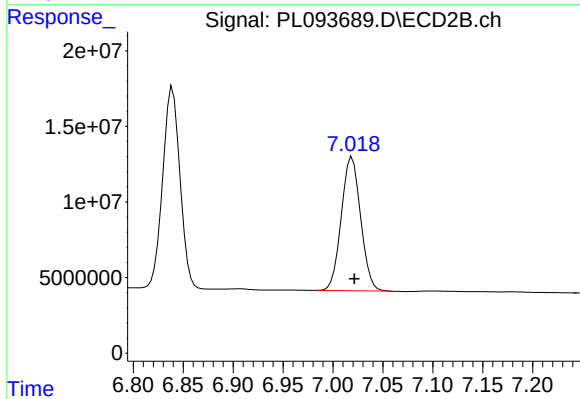
#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: -0.002 min
Response: 160608761
Conc: 44.12 ng/ml



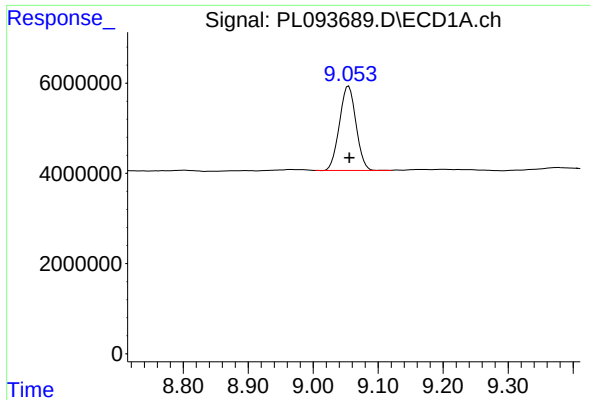
#22 Mirex

R.T.: 8.116 min
Delta R.T.: -0.001 min
Response: 75832374
Conc: 40.58 ng/ml



#22 Mirex

R.T.: 7.019 min
Delta R.T.: -0.002 min
Response: 119382284
Conc: 39.06 ng/ml



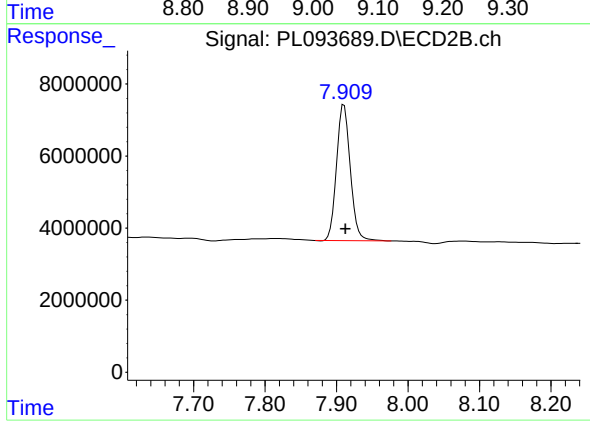
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: -0.001 min
Response: 33042074
Conc: 17.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166096BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/20/2025
Supervised By :Ankita Jodhani 01/20/2025



#28 Decachlorobiphenyl

R.T.: 7.910 min
Delta R.T.: -0.002 min
Response: 50528294
Conc: 16.92 ng/ml