

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020425\
 Data File : PL094041.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Feb 2025 11:29
 Operator : AR\AJ
 Sample : PB166481BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166481BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/05/2025
 Supervised By :Ankita Jodhani 02/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 05 01:37:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 2025
 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...	3.547	2.775	57676788	66679239	21.419	20.428
28) SA Decachlor...	9.064	7.912	40772553	65958854	19.491m	18.824m
Target Compounds						
2) A alpha-BHC	4.004	3.278	185.3E6	238.8E6	48.330	48.842
3) MA gamma-BHC...	4.336	3.608	174.6E6	226.0E6	47.404	47.674
4) MA Heptachlor	4.924	3.946	161.7E6	215.0E6	49.347	46.183
5) MB Aldrin	5.265	4.226	162.0E6	212.0E6	49.512	46.466
6) B beta-BHC	4.534	3.908	77894291	97477203	48.462	48.801
7) B delta-BHC	4.781	4.137	171.6E6	216.2E6	48.947	45.496
8) B Heptachlo...	5.692	4.729	137.5E6	207.1E6	46.240	49.543
9) A Endosulfan I	6.077	5.099	125.8E6	194.4E6	47.617	50.147
10) B gamma-Chl...	5.948	4.979	139.7E6	219.2E6	50.109	51.718
11) B alpha-Chl...	6.027	5.043	135.2E6	210.5E6	48.477	50.281
12) B 4,4'-DDE	6.201	5.232	125.0E6	206.5E6	51.335	51.515
13) MA Dieldrin	6.353	5.363	132.0E6	209.0E6	47.542	48.651
14) MA Endrin	6.581	5.638	101.8E6	176.4E6	43.395m	47.766
15) B Endosulfa...	6.803	5.934	110.3E6	193.3E6	45.774	52.182
16) A 4,4'-DDD	6.719	5.786	98007741	180.2E6	51.568	57.081
17) MA 4,4'-DDT	7.032	6.037	87326664	150.6E6	44.282	46.294
18) B Endrin al...	6.933	6.113	87053008	141.3E6	44.779	46.416
19) B Endosulfa...	7.167	6.336	100.4E6	173.1E6	44.372	48.531
20) A Methoxychlor	7.508	6.612	44391198	68905601	42.545	38.535
21) B Endrin ke...	7.652	6.842	112.5E6	204.3E6	44.599	48.707
22) Mirex	8.125	7.022	85281597	138.1E6	40.952	40.832

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020425\
Data File : PL094041.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Feb 2025 11:29
Operator : AR\AJ
Sample : PB166481BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB166481BS

Manual Integrations

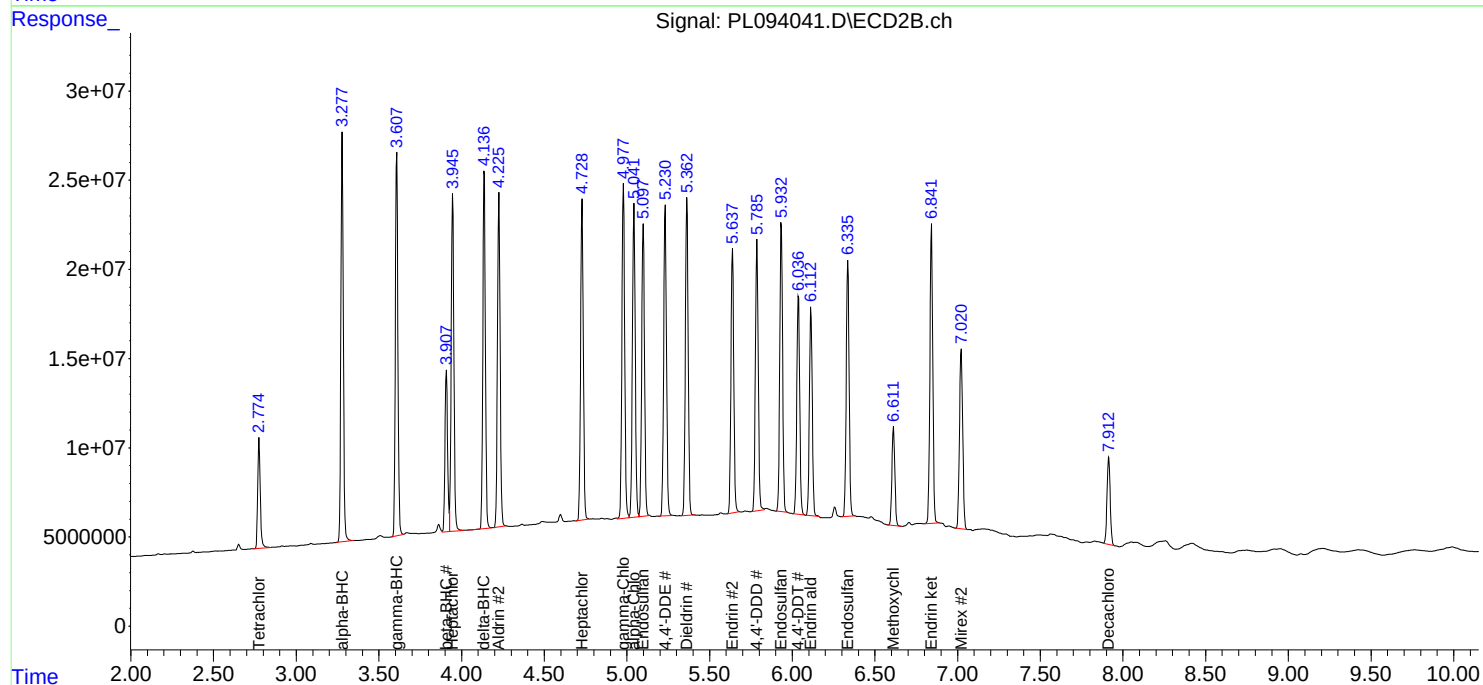
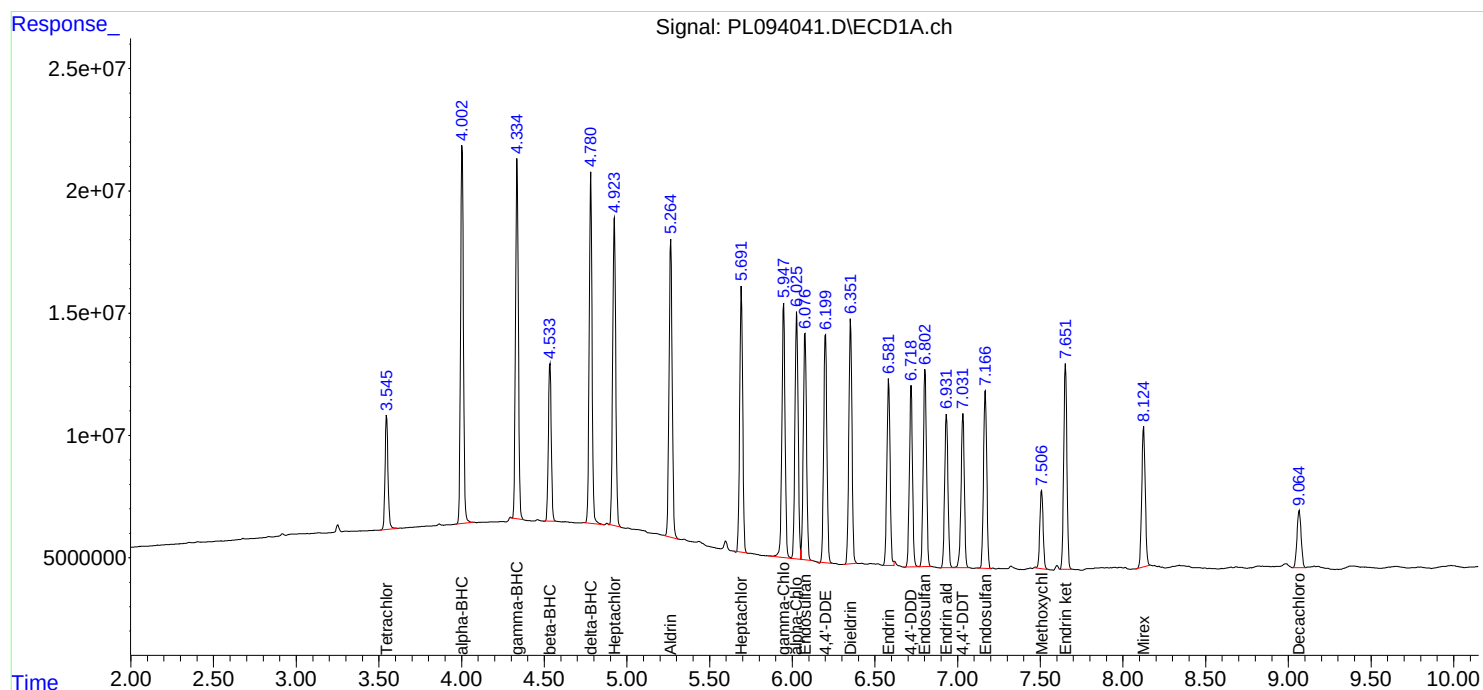
APPROVED

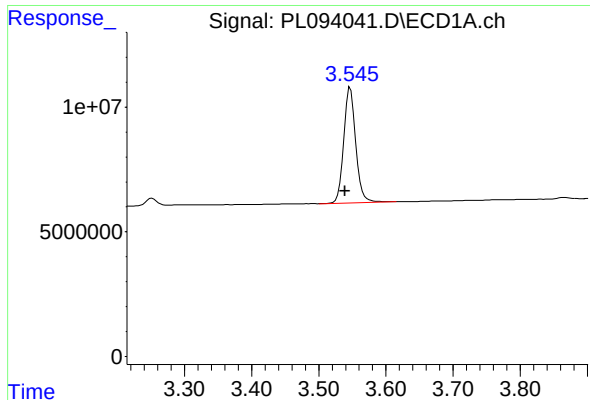
Reviewed By :Abdul Mirza 02/05/2025

Supervised By :Ankita Jodhani 02/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 05 01:37:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 2025
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.: 3.547 min
Delta R.T.: 0.008 min
Response: 57676788
Conc: 21.42 ng/ml

Instrument :

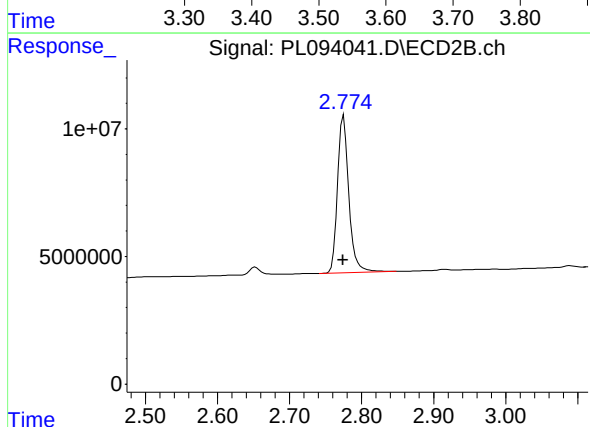
ECD_L

ClientSampleId :

PB166481BS

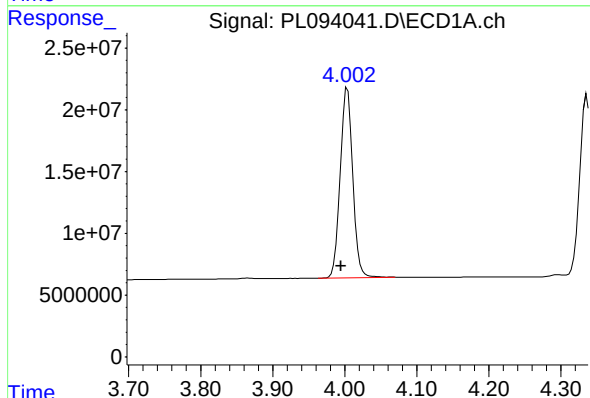
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



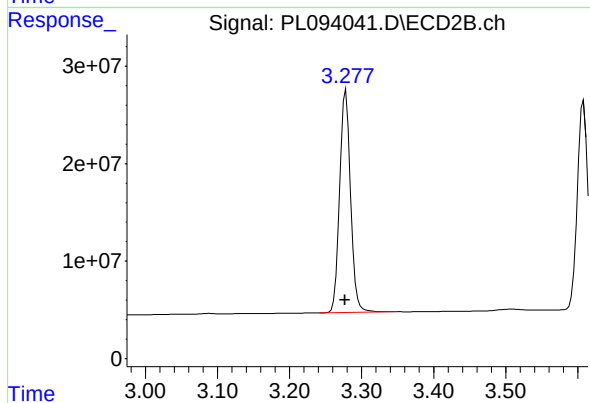
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: 0.000 min
Response: 66679239
Conc: 20.43 ng/ml



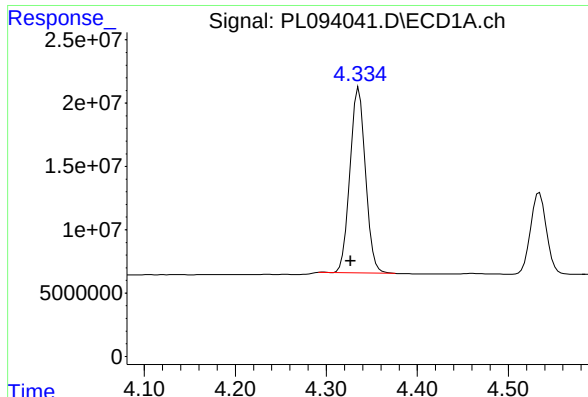
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.009 min
Response: 185289133
Conc: 48.33 ng/ml



#2 alpha-BHC

R.T.: 3.278 min
Delta R.T.: 0.001 min
Response: 238786750
Conc: 48.84 ng/ml



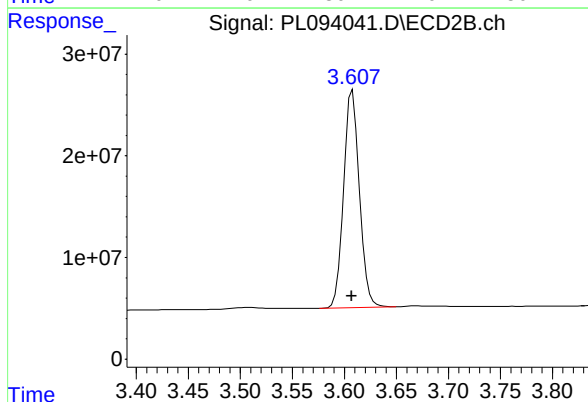
#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: 0.009 min
Response: 174580675
Conc: 47.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166481BS

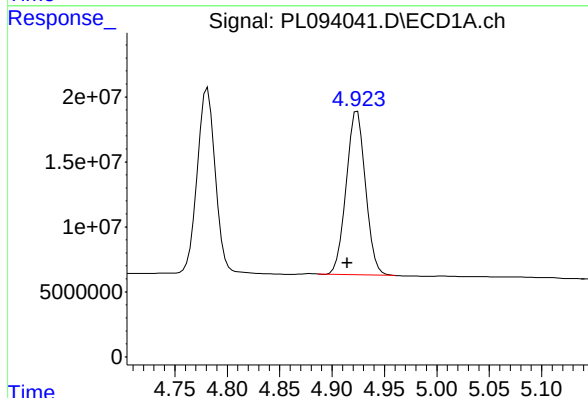
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



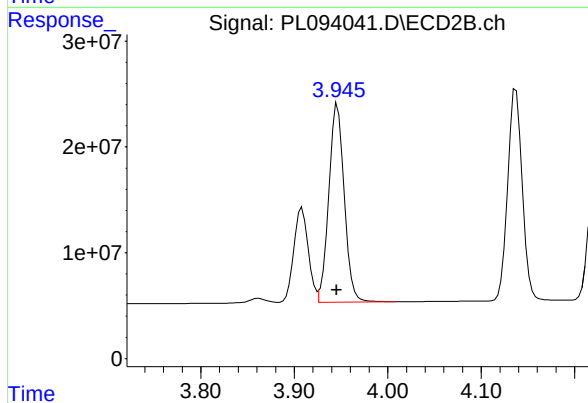
#3 gamma-BHC (Lindane)

R.T.: 3.608 min
Delta R.T.: 0.000 min
Response: 226034417
Conc: 47.67 ng/ml



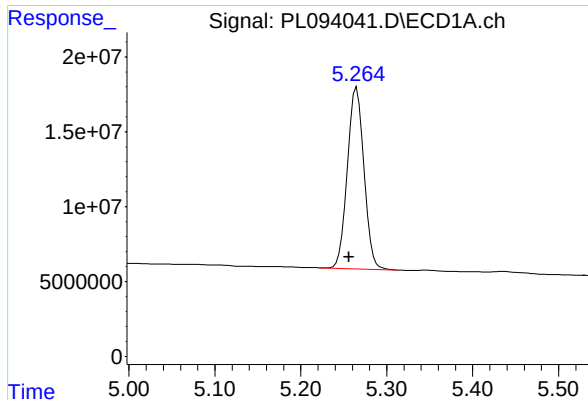
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: 0.010 min
Response: 161728241
Conc: 49.35 ng/ml



#4 Heptachlor

R.T.: 3.946 min
Delta R.T.: 0.000 min
Response: 214972666
Conc: 46.18 ng/ml



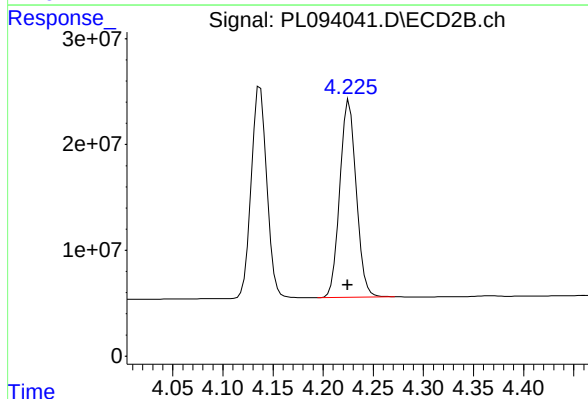
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: 0.009 min
Response: 162001881
Conc: 49.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166481BS

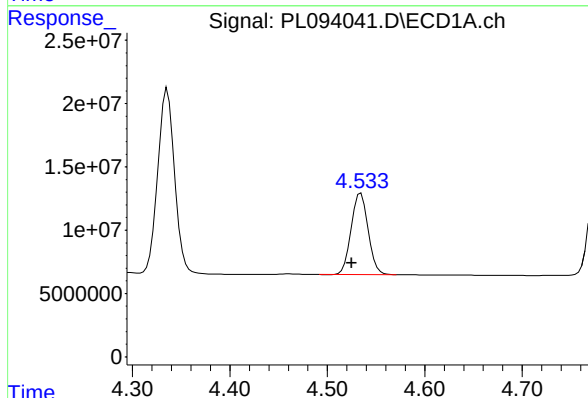
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



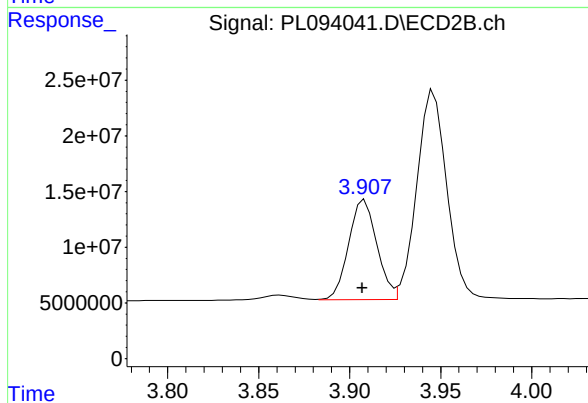
#5 Aldrin

R.T.: 4.226 min
Delta R.T.: 0.001 min
Response: 211966860
Conc: 46.47 ng/ml



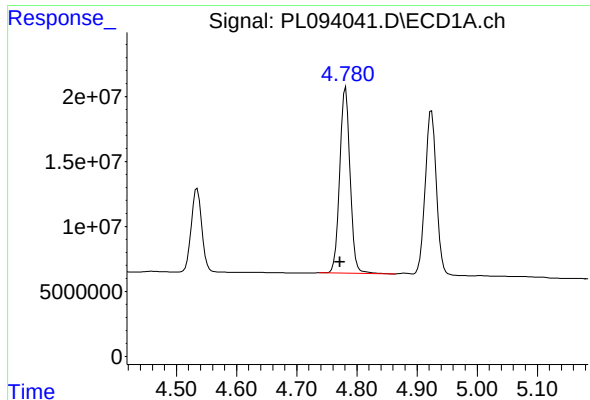
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.009 min
Response: 77894291
Conc: 48.46 ng/ml



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: 0.001 min
Response: 97477203
Conc: 48.80 ng/ml



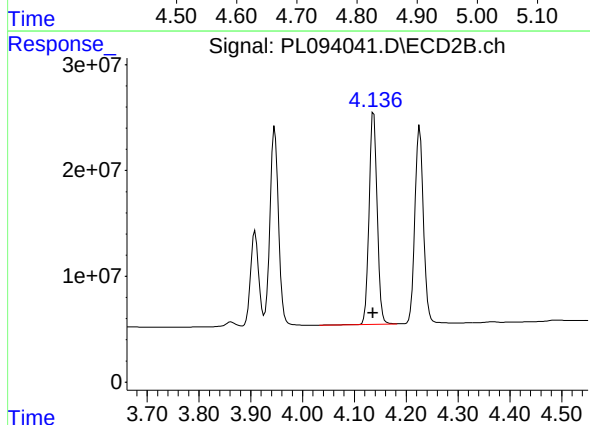
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.010 min
Response: 171573432
Conc: 48.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166481BS

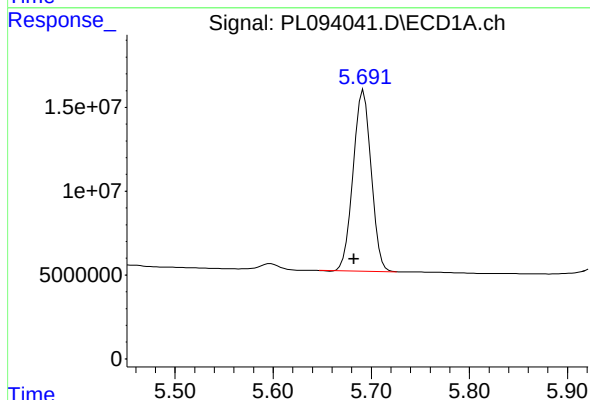
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



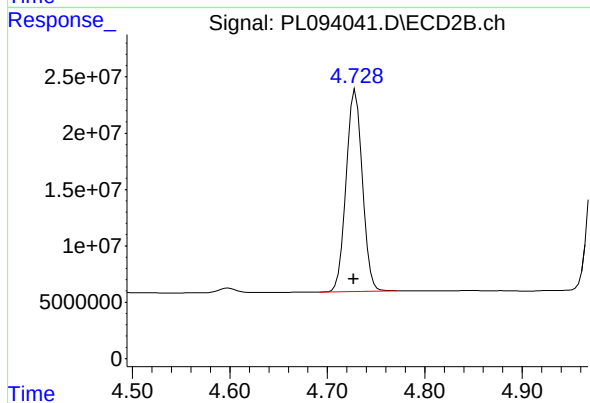
#7 delta-BHC

R.T.: 4.137 min
Delta R.T.: 0.002 min
Response: 216164310
Conc: 45.50 ng/ml



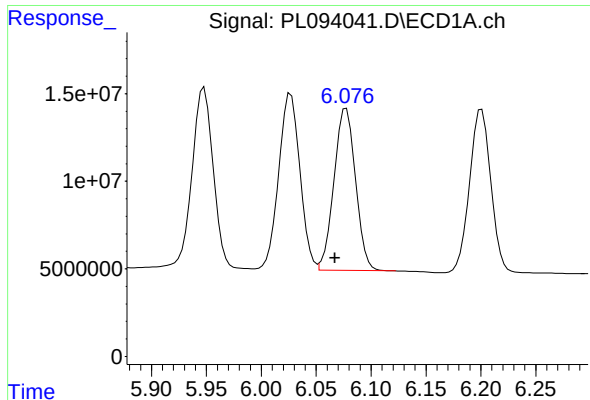
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.010 min
Response: 137508190
Conc: 46.24 ng/ml



#8 Heptachlor epoxide

R.T.: 4.729 min
Delta R.T.: 0.002 min
Response: 207101088
Conc: 49.54 ng/ml



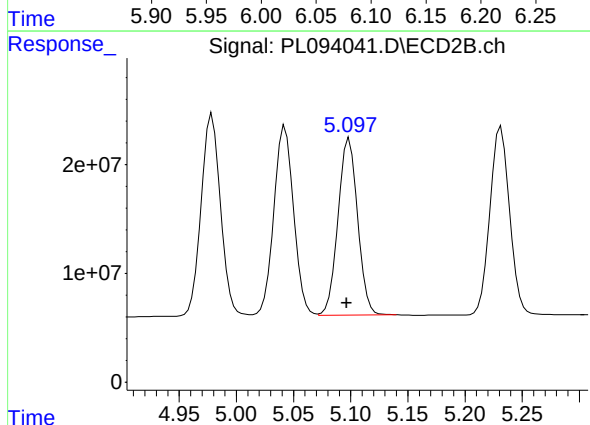
#9 Endosulfan I

R.T.: 6.077 min
Delta R.T.: 0.010 min
Response: 125845462
Conc: 47.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166481BS

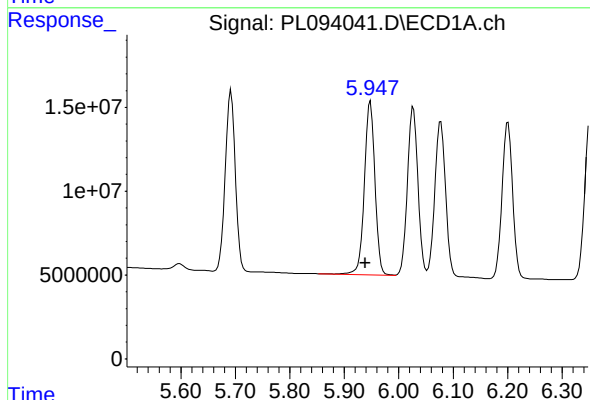
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



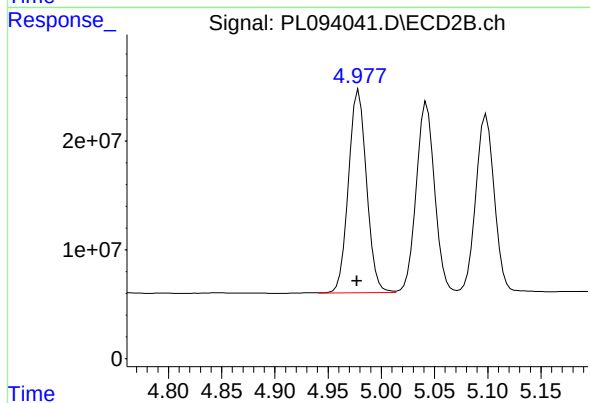
#9 Endosulfan I

R.T.: 5.099 min
Delta R.T.: 0.002 min
Response: 194415884
Conc: 50.15 ng/ml



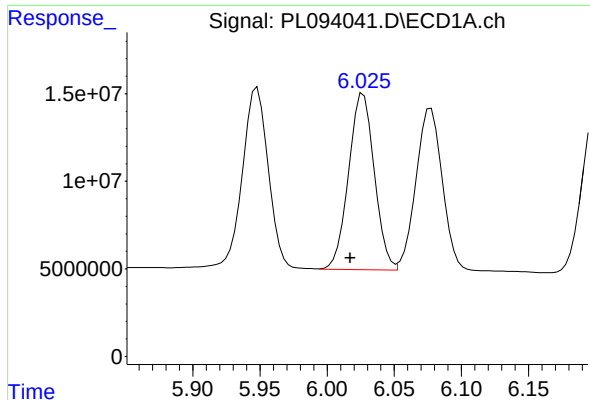
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.010 min
Response: 139671983
Conc: 50.11 ng/ml



#10 gamma-Chlordane

R.T.: 4.979 min
Delta R.T.: 0.002 min
Response: 219162693
Conc: 51.72 ng/ml



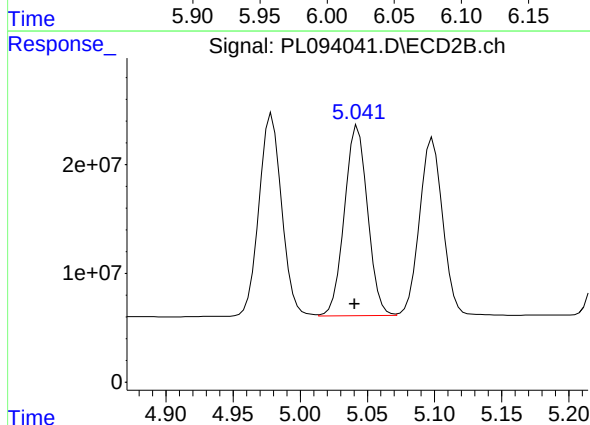
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.010 min
Response: 135174032
Conc: 48.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166481BS

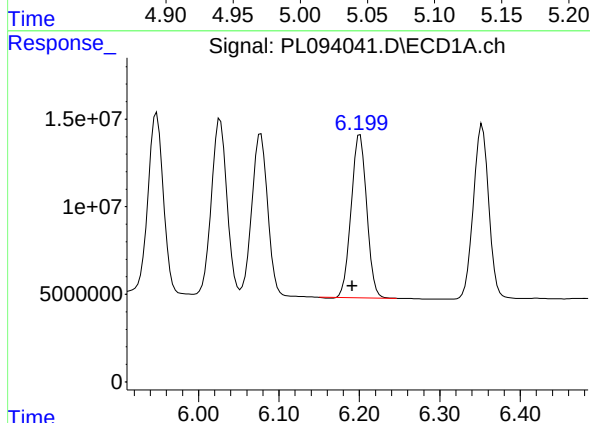
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



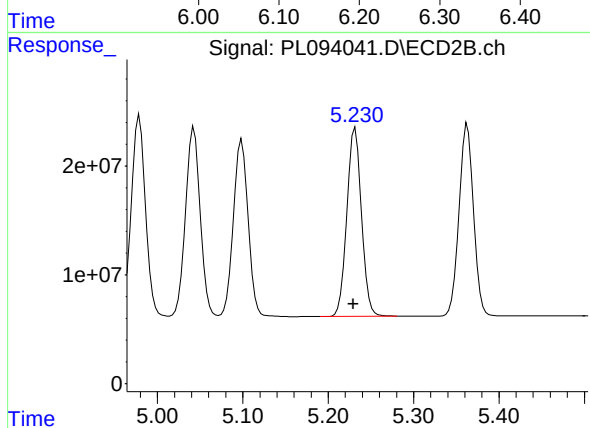
#11 alpha-Chlordane

R.T.: 5.043 min
Delta R.T.: 0.002 min
Response: 210504957
Conc: 50.28 ng/ml



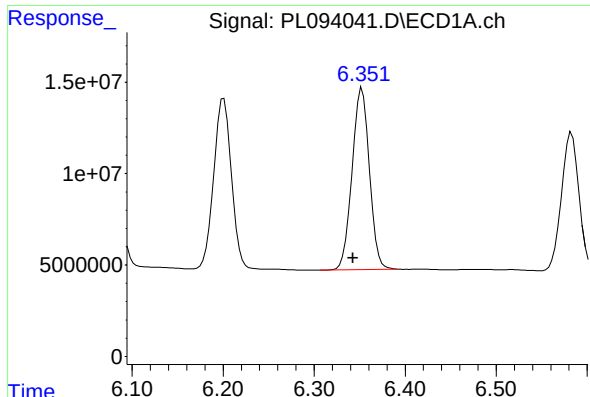
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: 0.010 min
Response: 124980211
Conc: 51.34 ng/ml



#12 4,4'-DDE

R.T.: 5.232 min
Delta R.T.: 0.002 min
Response: 206547622
Conc: 51.51 ng/ml



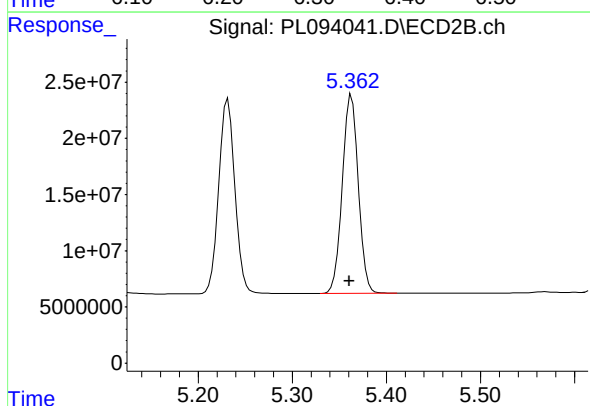
#13 Dieldrin

R.T.: 6.353 min
Delta R.T.: 0.010 min
Response: 131968546
Conc: 47.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166481BS

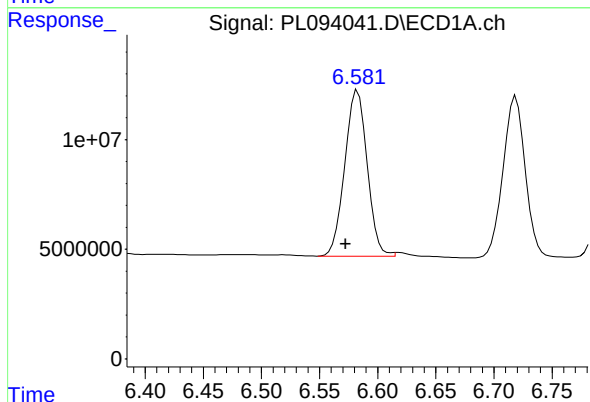
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



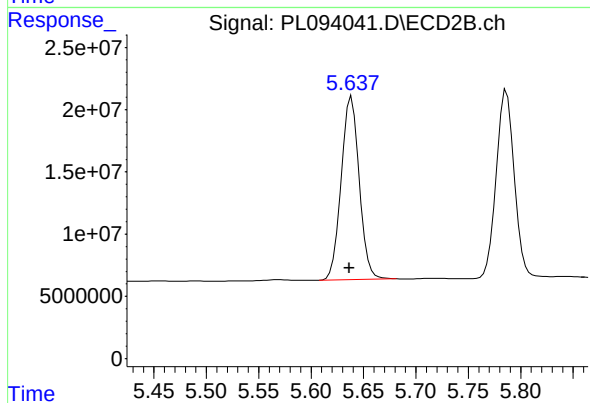
#13 Dieldrin

R.T.: 5.363 min
Delta R.T.: 0.002 min
Response: 208987623
Conc: 48.65 ng/ml



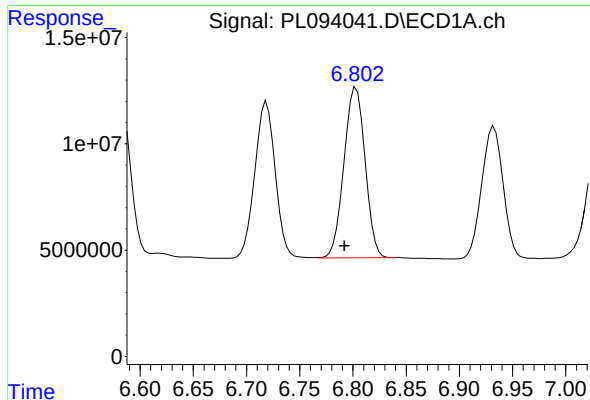
#14 Endrin

R.T.: 6.581 min
Delta R.T.: 0.009 min
Response: 101752476
Conc: 43.39 ng/ml m



#14 Endrin

R.T.: 5.638 min
Delta R.T.: 0.002 min
Response: 176383164
Conc: 47.77 ng/ml



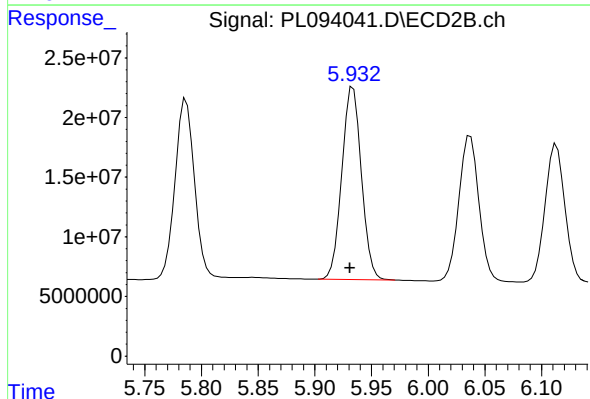
#15 Endosulfan II

R.T.: 6.803 min
Delta R.T.: 0.011 min
Response: 110286221
Conc: 45.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166481BS

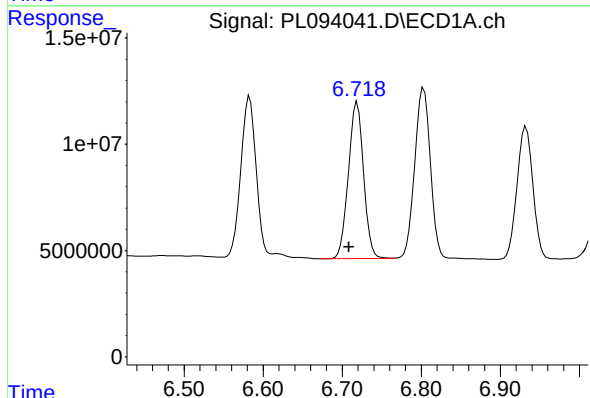
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



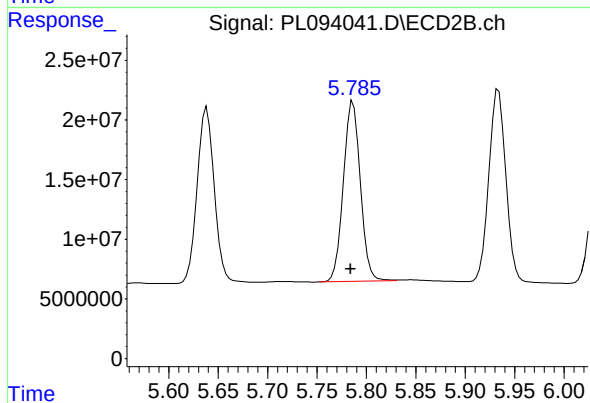
#15 Endosulfan II

R.T.: 5.934 min
Delta R.T.: 0.002 min
Response: 193274218
Conc: 52.18 ng/ml



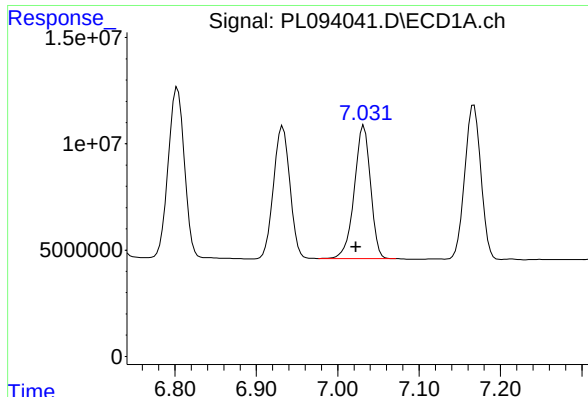
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: 0.011 min
Response: 98007741
Conc: 51.57 ng/ml



#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: 0.002 min
Response: 180177165
Conc: 57.08 ng/ml



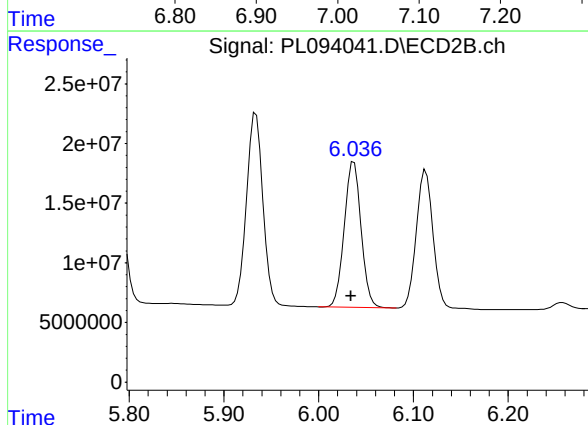
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.010 min
Response: 87326664
Conc: 44.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166481BS

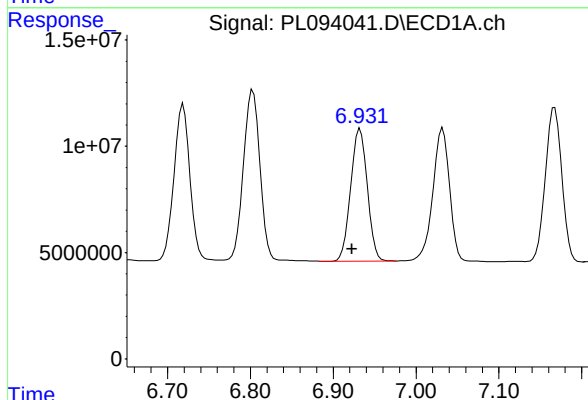
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



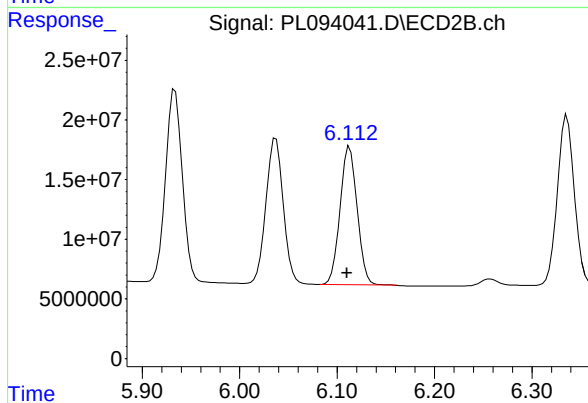
#17 4,4'-DDT

R.T.: 6.037 min
Delta R.T.: 0.003 min
Response: 150642585
Conc: 46.29 ng/ml



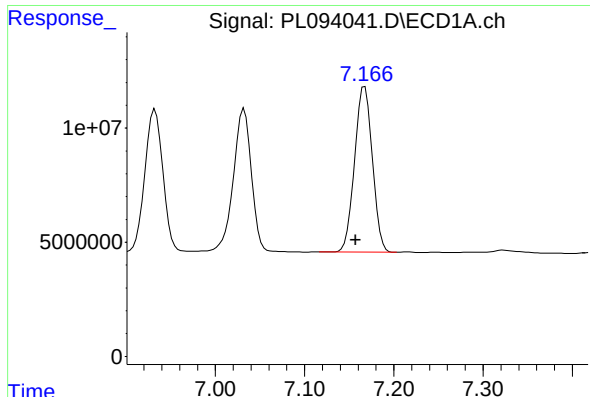
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.010 min
Response: 87053008
Conc: 44.78 ng/ml



#18 Endrin aldehyde

R.T.: 6.113 min
Delta R.T.: 0.003 min
Response: 141319196
Conc: 46.42 ng/ml



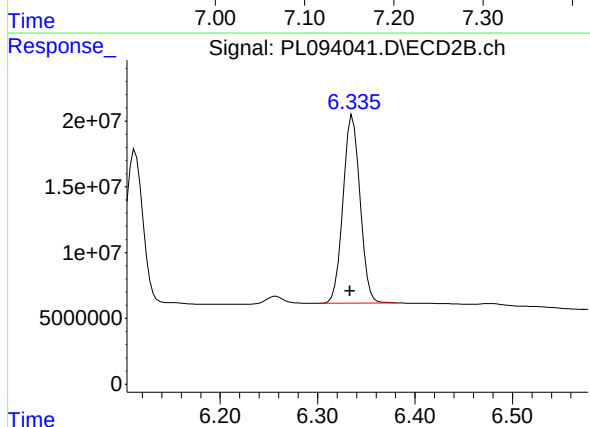
#19 Endosulfan Sulfate

R.T.: 7.167 min
Delta R.T.: 0.010 min
Response: 100447688
Conc: 44.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166481BS

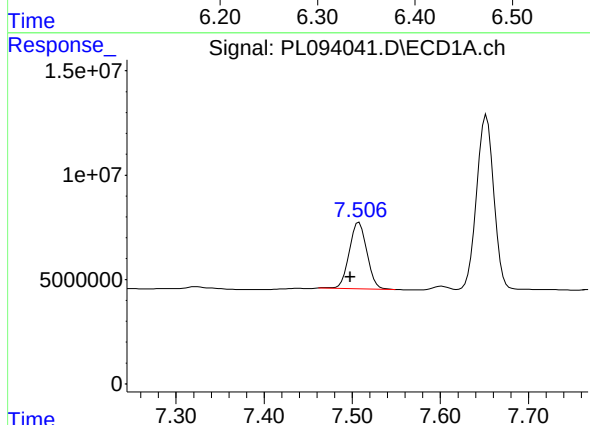
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



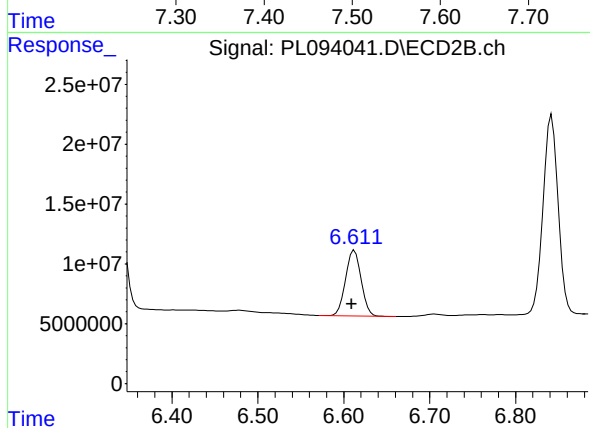
#19 Endosulfan Sulfate

R.T.: 6.336 min
Delta R.T.: 0.003 min
Response: 173066865
Conc: 48.53 ng/ml



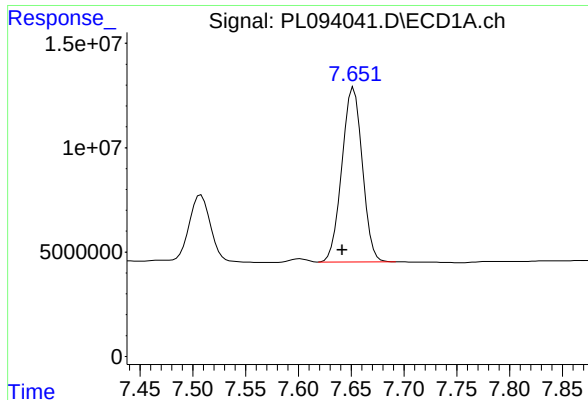
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.010 min
Response: 44391198
Conc: 42.54 ng/ml



#20 Methoxychlor

R.T.: 6.612 min
Delta R.T.: 0.003 min
Response: 68905601
Conc: 38.53 ng/ml



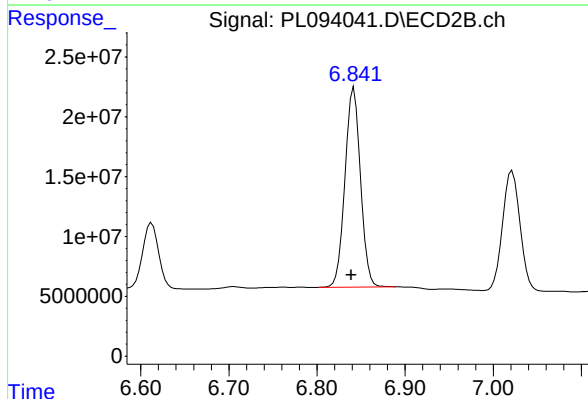
#21 Endrin ketone

R.T.: 7.652 min
Delta R.T.: 0.011 min
Response: 112507784
Conc: 44.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166481BS

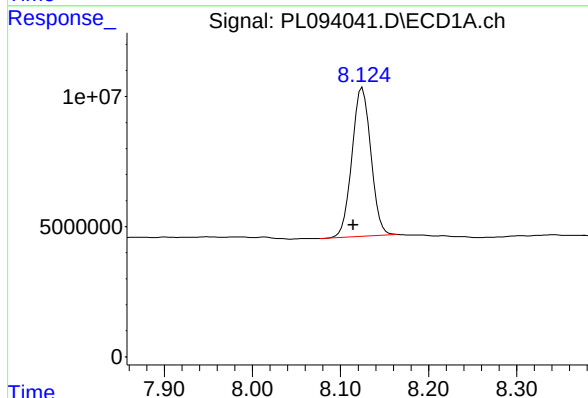
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



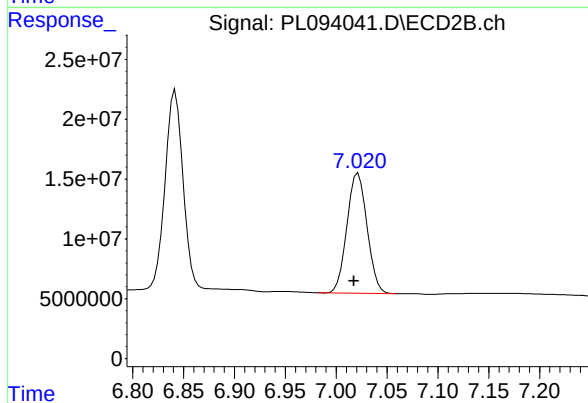
#21 Endrin ketone

R.T.: 6.842 min
Delta R.T.: 0.003 min
Response: 204339135
Conc: 48.71 ng/ml



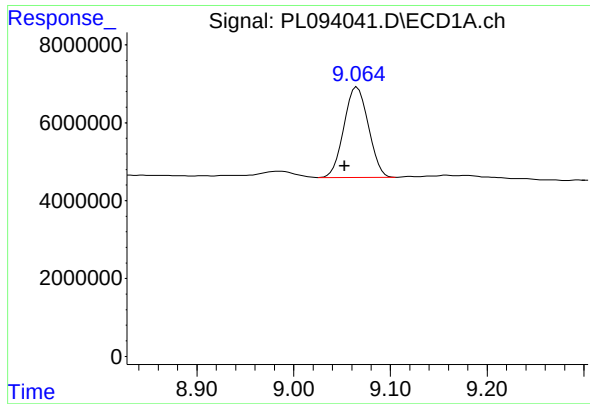
#22 Mirex

R.T.: 8.125 min
Delta R.T.: 0.010 min
Response: 85281597
Conc: 40.95 ng/ml



#22 Mirex

R.T.: 7.022 min
Delta R.T.: 0.004 min
Response: 138088696
Conc: 40.83 ng/ml



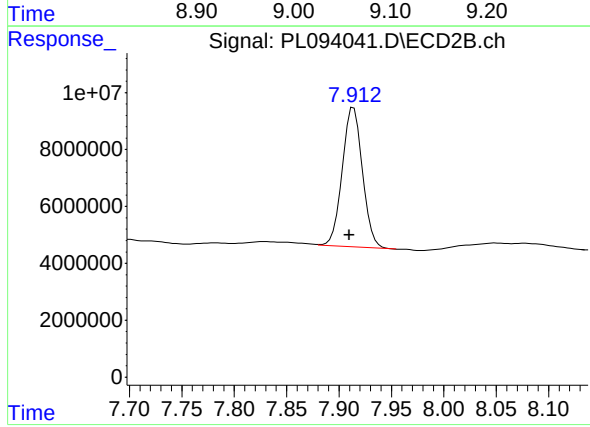
#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.011 min
Response: 40772553
Conc: 19.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166481BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



#28 Decachlorobiphenyl

R.T.: 7.912 min
Delta R.T.: 0.003 min
Response: 65958854
Conc: 18.82 ng/ml m