

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022025\
 Data File : PL094318.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 19:20
 Operator : AR\AJ
 Sample : PB166800BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166800BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/21/2025
 Supervised By :Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 01:42:17 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...	3.537	2.772	50436790	61380254	18.731	18.804
28)	SA Decachlor...	9.052	7.906	45703648	80713414	21.848	23.034
Target Compounds							
2)	A alpha-BHC	3.993	3.275	173.8E6	234.9E6	45.334	48.040
3)	MA gamma-BHC...	4.325	3.604	166.5E6	224.8E6	45.216	47.422
4)	MA Heptachlor	4.912	3.942	161.2E6	232.3E6	49.199m	49.905
5)	MB Aldrin	5.255	4.221	154.8E6	221.0E6	47.319	48.451
6)	B beta-BHC	4.524	3.904	75283683	98465479	46.838	49.296
7)	B delta-BHC	4.771	4.133	162.5E6	220.7E6	46.369	46.459
8)	B Heptachlo...	5.681	4.724	142.1E6	210.9E6	47.793	50.442
9)	A Endosulfan I	6.067	5.093	129.6E6	202.2E6	49.049	52.163
10)	B gamma-Chl...	5.937	4.973	139.5E6	221.8E6	50.063	52.350
11)	B alpha-Chl...	6.016	5.037	139.0E6	217.2E6	49.860	51.883
12)	B 4,4'-DDE	6.190	5.226	128.5E6	212.9E6	52.761	53.092
13)	MA Dieldrin	6.342	5.357	136.1E6	219.6E6	49.041	51.124
14)	MA Endrin	6.570	5.631	102.0E6	172.9E6	43.485m	46.816m
15)	B Endosulfa...	6.792	5.928	118.6E6	198.0E6	49.241	53.449
16)	A 4,4'-DDD	6.708	5.781	101.8E6	176.4E6	53.539	55.885
17)	MA 4,4'-DDT	7.021	6.031	98824264	169.4E6	50.112	52.073
18)	B Endrin al...	6.922	6.107	94861132	157.9E6	48.795	51.855
19)	B Endosulfa...	7.157	6.330	109.4E6	190.4E6	48.326	53.381
20)	A Methoxychlor	7.498	6.606	49627608	90052896	47.564	50.361
21)	B Endrin ke...	7.642	6.835	127.2E6	234.8E6	50.429	55.971
22)	Mirex	8.115	7.015	93812158	167.7E6	45.048	49.602

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022025\
Data File : PL094318.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:20
Operator : AR\AJ
Sample : PB166800BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

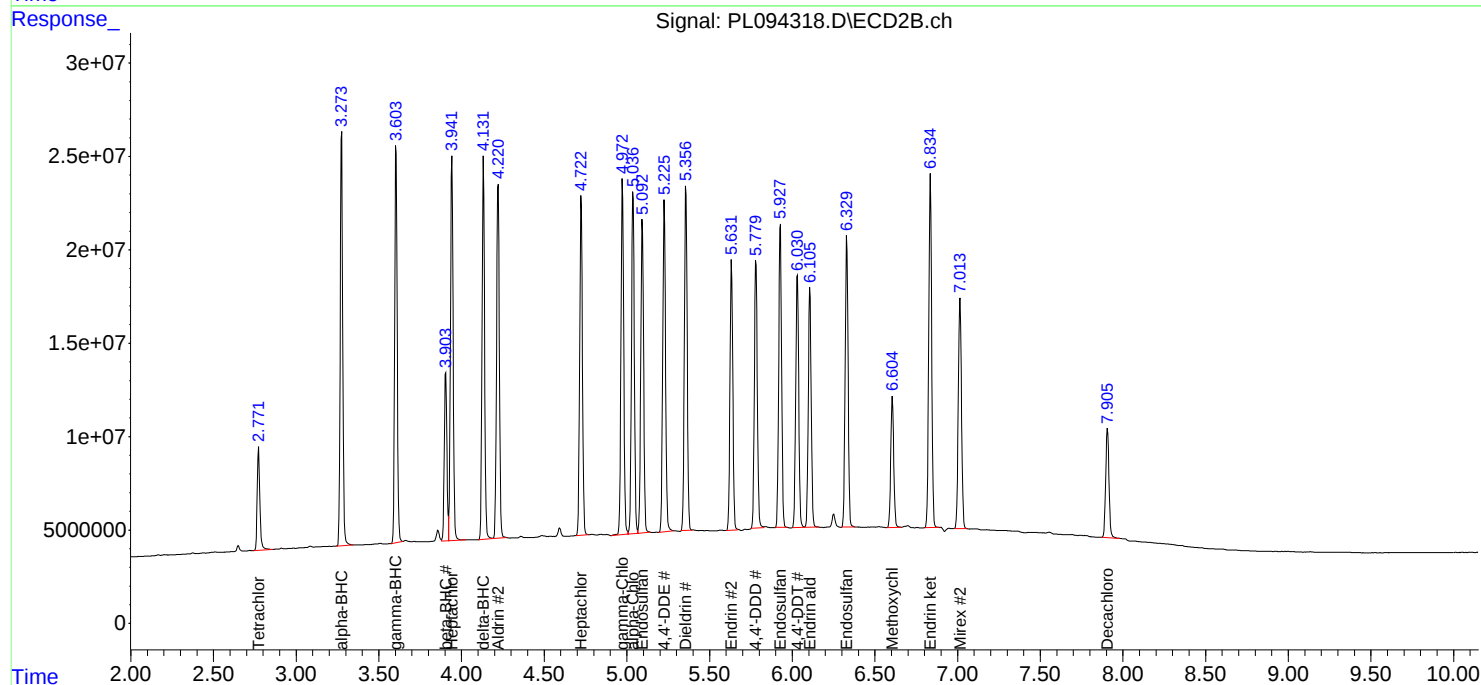
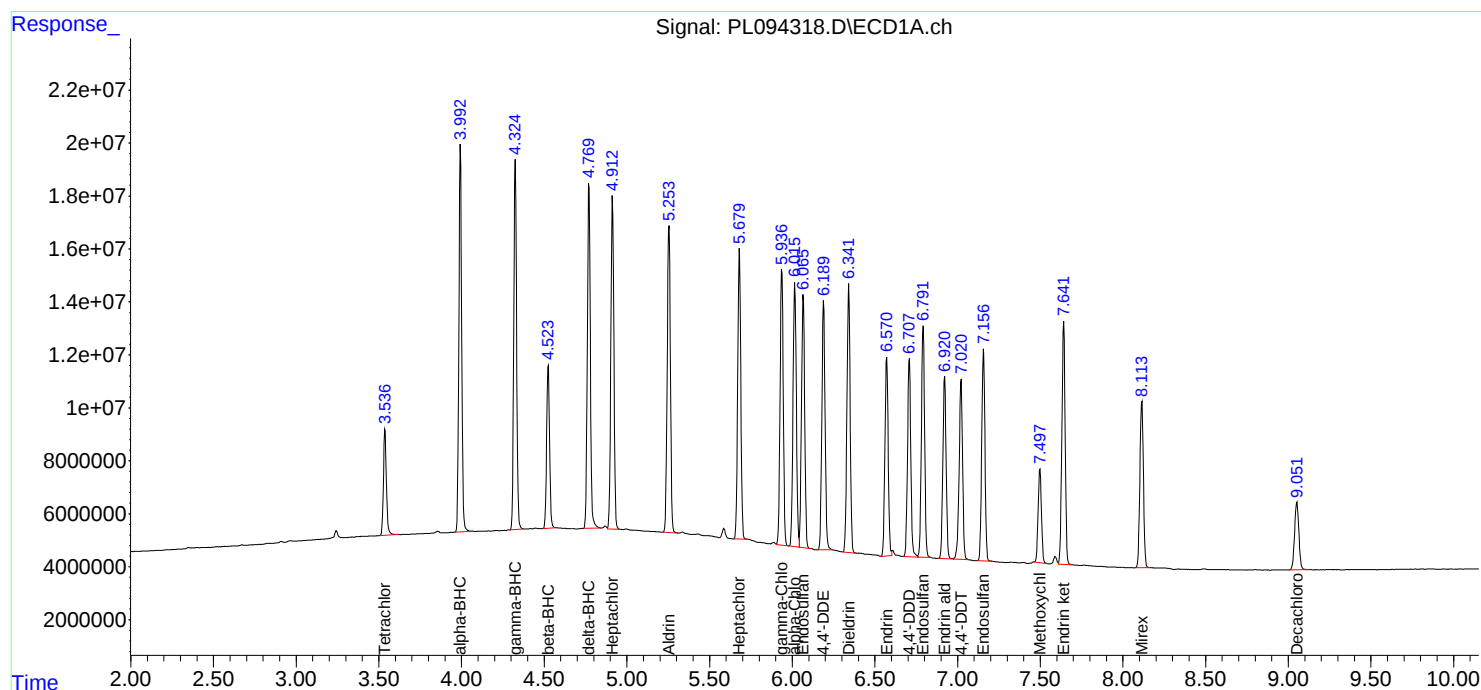
Instrument :
ECD_L
ClientSampleId :
PB166800BSD

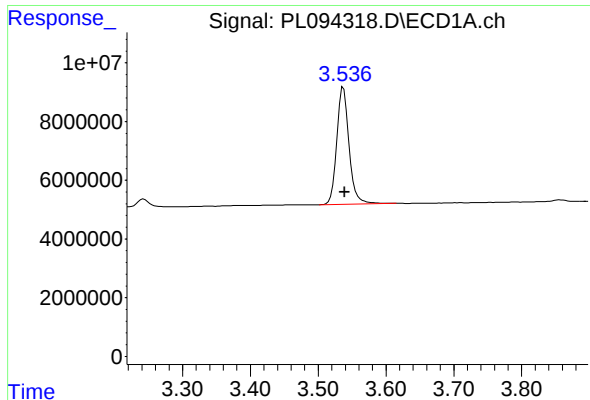
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/21/2025
Supervised By :Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 01:42:17 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





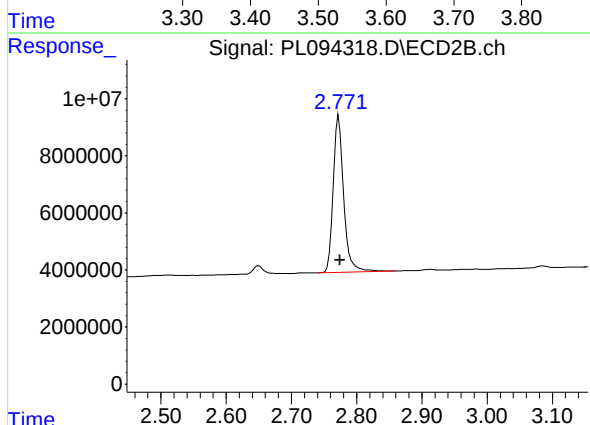
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.002 min
Response: 50436790
Conc: 18.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166800BSD

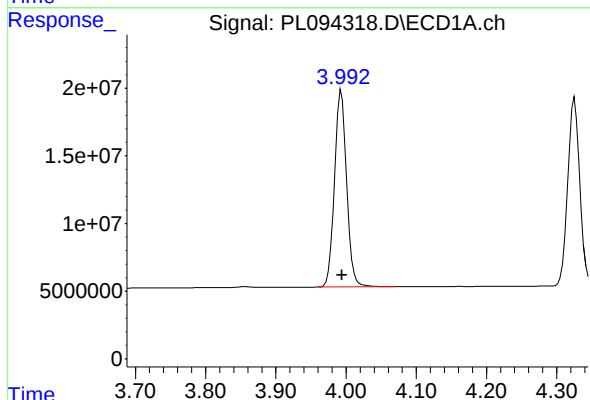
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/21/2025
Supervised By :Ankita Jodhani 02/24/2025



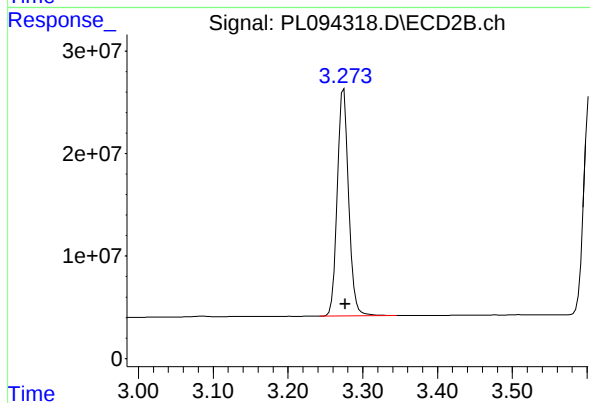
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: -0.002 min
Response: 61380254
Conc: 18.80 ng/ml



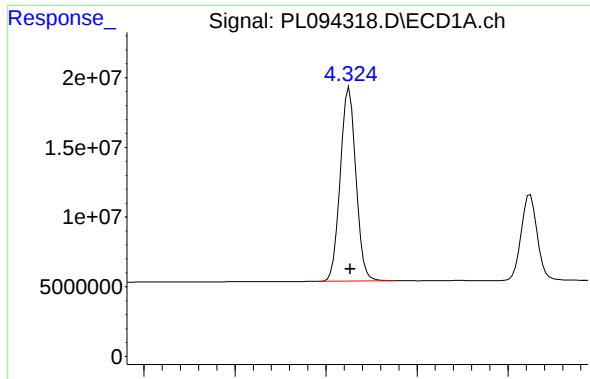
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 173802416
Conc: 45.33 ng/ml



#2 alpha-BHC

R.T.: 3.275 min
Delta R.T.: -0.002 min
Response: 234866441
Conc: 48.04 ng/ml



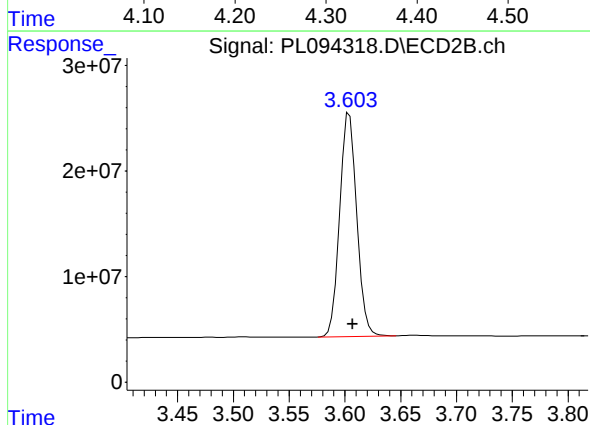
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 166524293
Conc: 45.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166800BSD

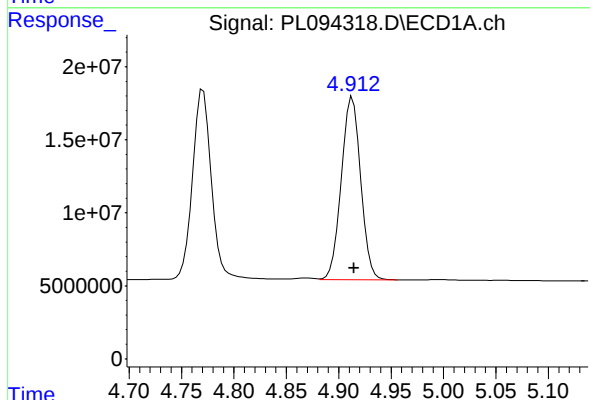
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/21/2025
Supervised By :Ankita Jodhani 02/24/2025



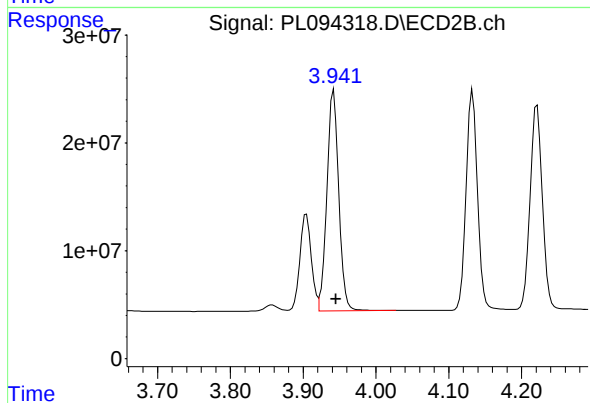
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: -0.003 min
Response: 224836457
Conc: 47.42 ng/ml



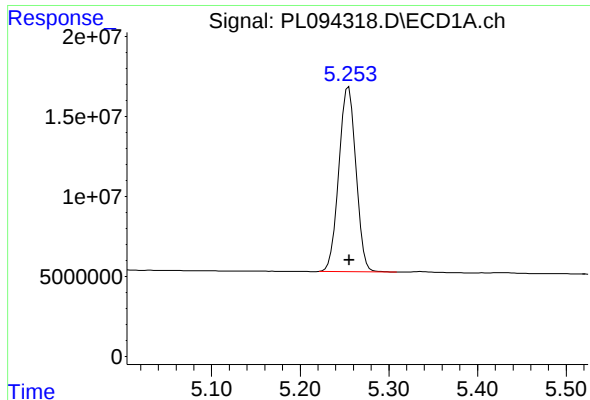
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.003 min
Response: 161242112
Conc: 49.20 ng/ml m



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: -0.003 min
Response: 232297667
Conc: 49.91 ng/ml



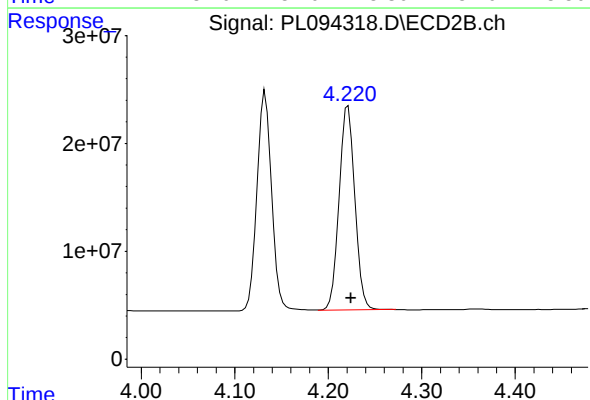
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: -0.001 min
Response: 154826326
Conc: 47.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166800BSD

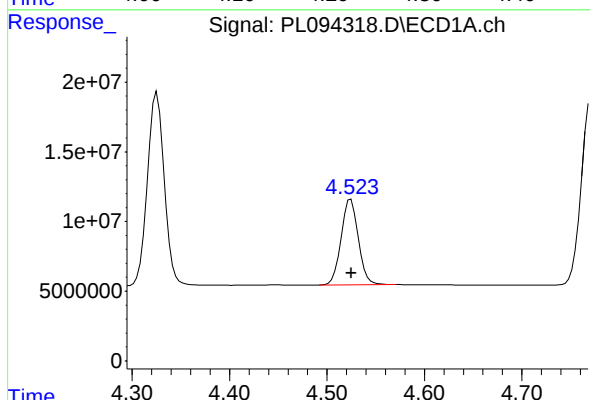
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/21/2025
Supervised By :Ankita Jodhani 02/24/2025



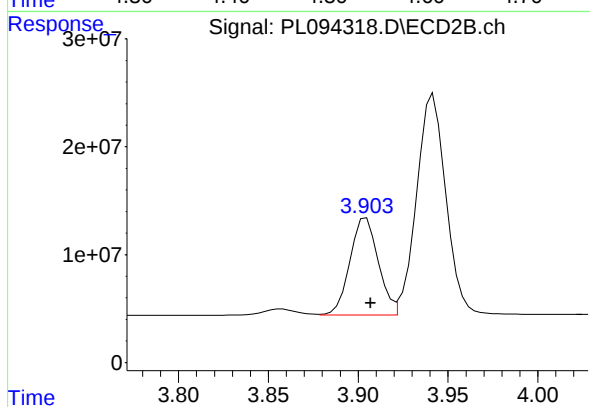
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: -0.003 min
Response: 221021396
Conc: 48.45 ng/ml



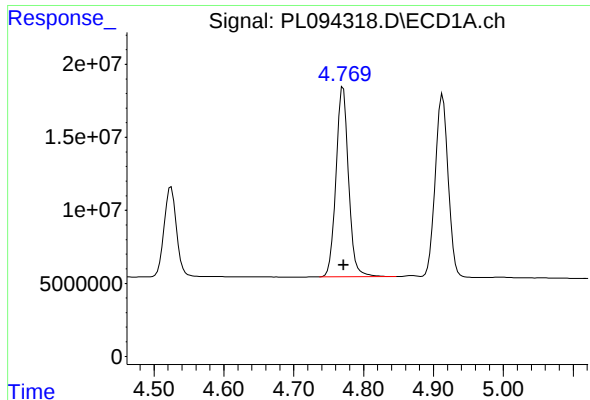
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 75283683
Conc: 46.84 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: -0.002 min
Response: 98465479
Conc: 49.30 ng/ml



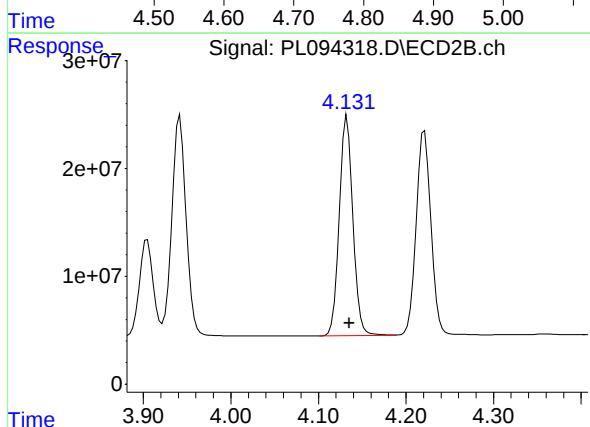
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: -0.001 min
Response: 162534976
Conc: 46.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166800BSD

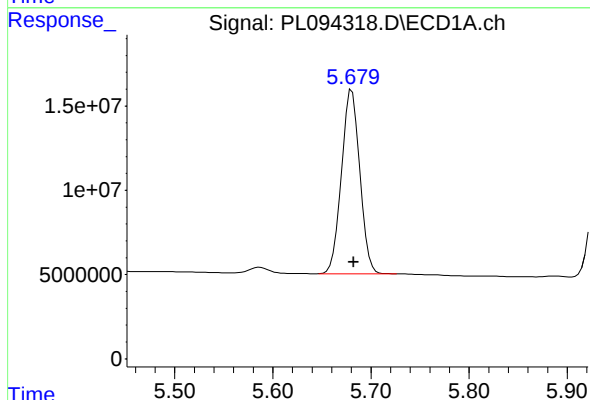
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/21/2025
Supervised By :Ankita Jodhani 02/24/2025



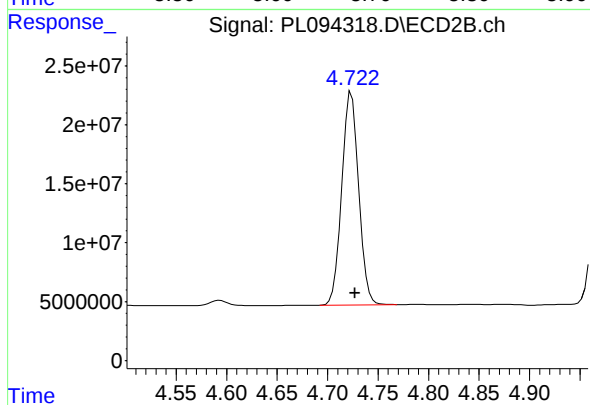
#7 delta-BHC

R.T.: 4.133 min
Delta R.T.: -0.003 min
Response: 220737225
Conc: 46.46 ng/ml



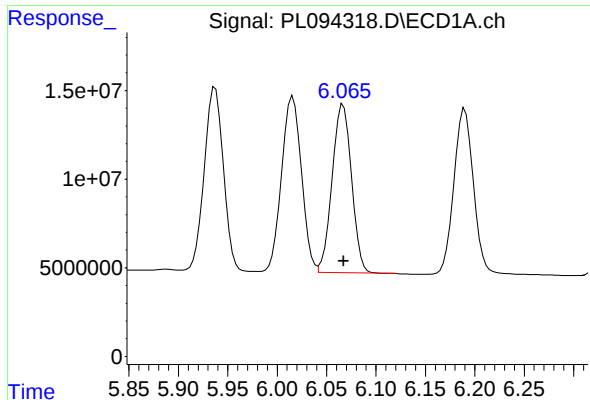
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 142128709
Conc: 47.79 ng/ml



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: -0.003 min
Response: 210859631
Conc: 50.44 ng/ml



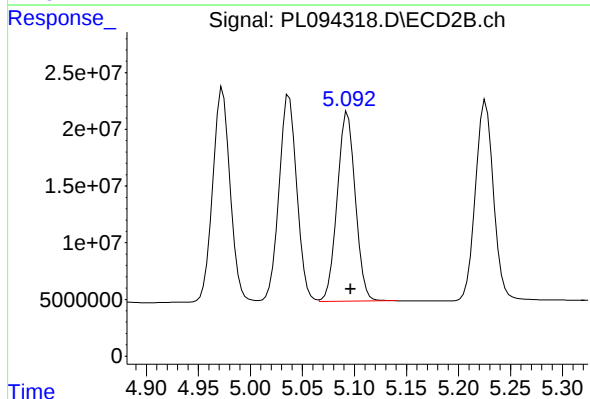
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 129628656
Conc: 49.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166800BSD

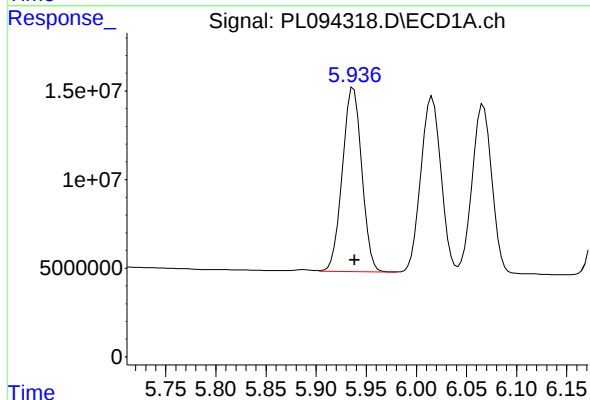
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/21/2025
Supervised By :Ankita Jodhani 02/24/2025



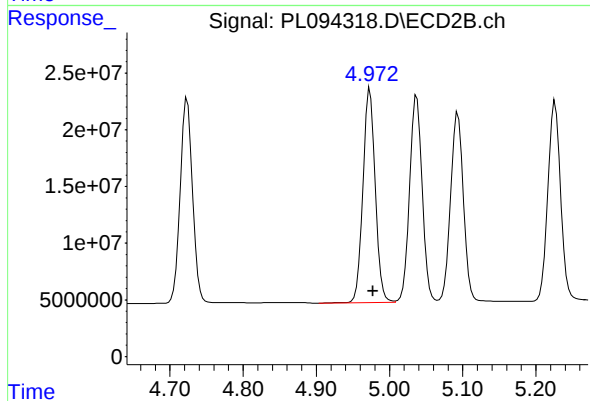
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: -0.003 min
Response: 202230374
Conc: 52.16 ng/ml



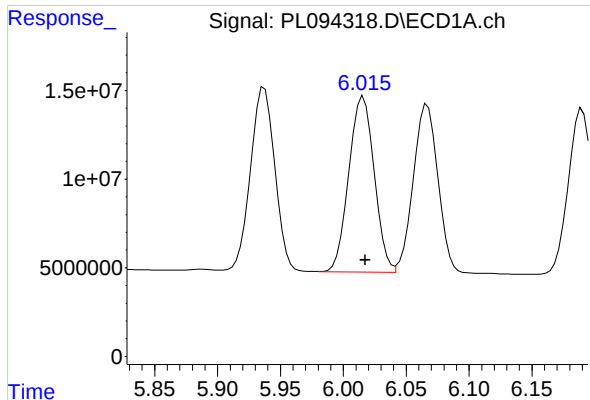
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.001 min
Response: 139542963
Conc: 50.06 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: -0.004 min
Response: 221840607
Conc: 52.35 ng/ml



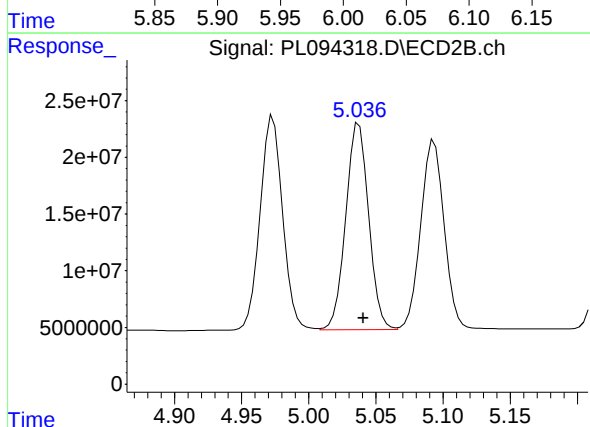
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.001 min
Response: 139031211
Conc: 49.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166800BSD

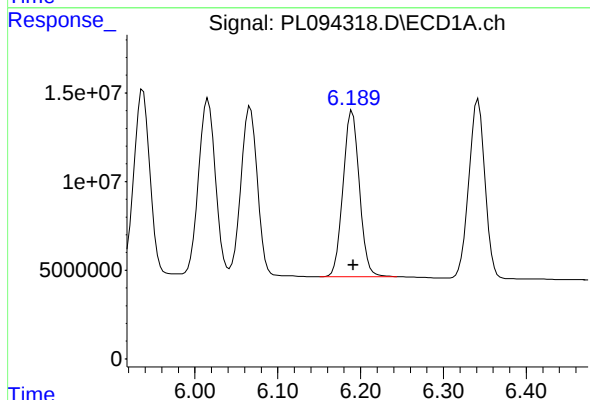
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/21/2025
Supervised By :Ankita Jodhani 02/24/2025



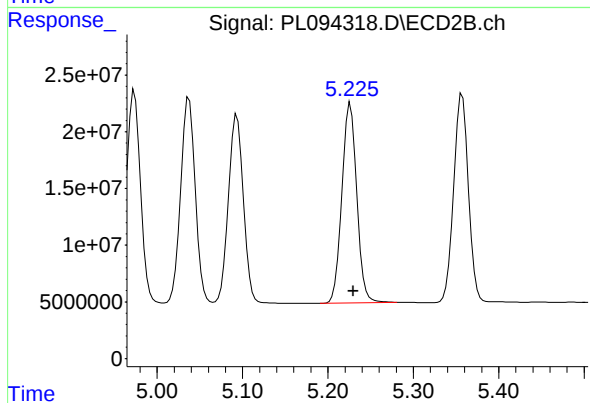
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: -0.003 min
Response: 217212481
Conc: 51.88 ng/ml



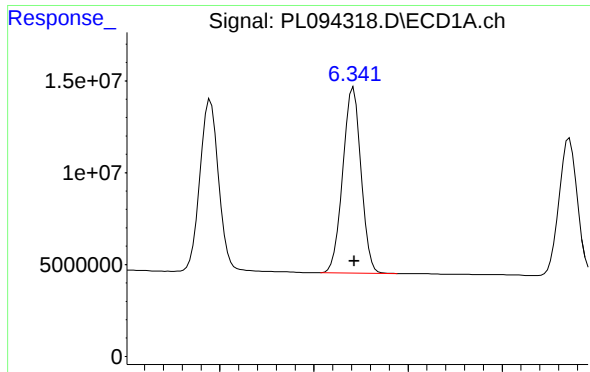
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.001 min
Response: 128451364
Conc: 52.76 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: -0.003 min
Response: 212868871
Conc: 53.09 ng/ml



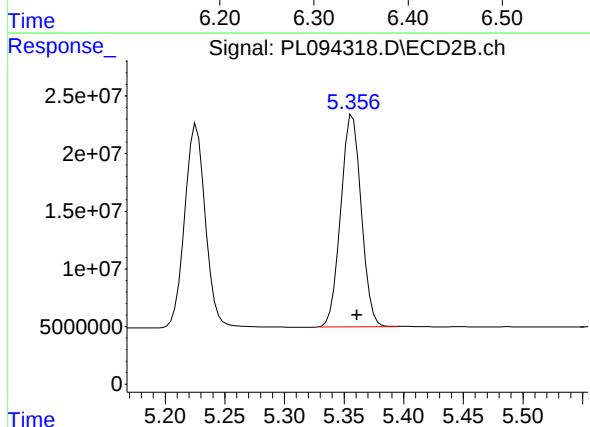
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: 0.000 min
Response: 136130397
Conc: 49.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166800BSD

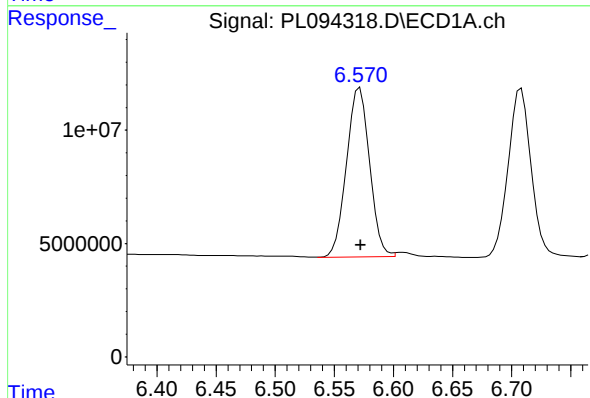
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/21/2025
Supervised By :Ankita Jodhani 02/24/2025



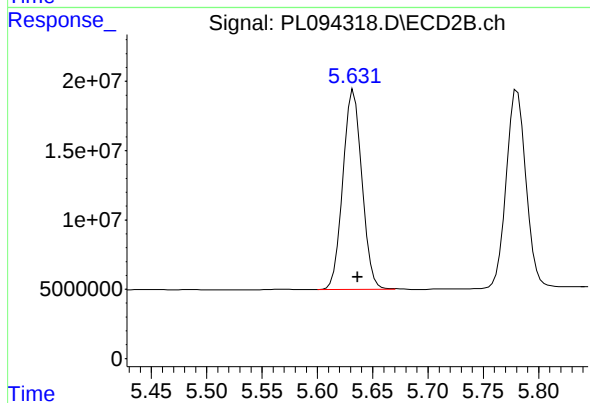
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: -0.004 min
Response: 219612450
Conc: 51.12 ng/ml



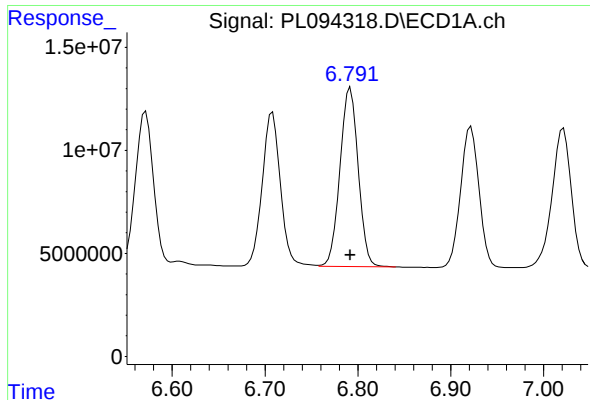
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.002 min
Response: 101965224
Conc: 43.49 ng/ml m



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.005 min
Response: 172876694
Conc: 46.82 ng/ml m



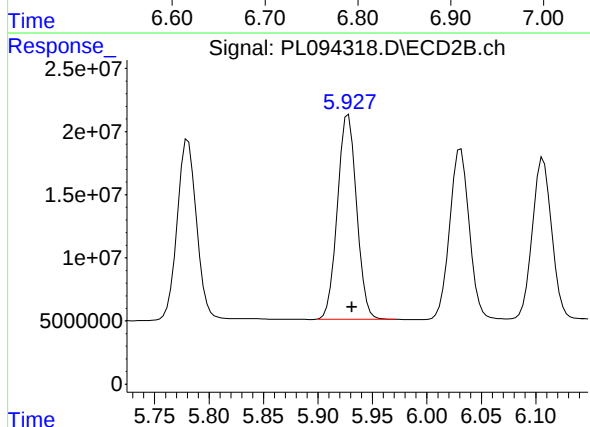
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 118638237
Conc: 49.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166800BSD

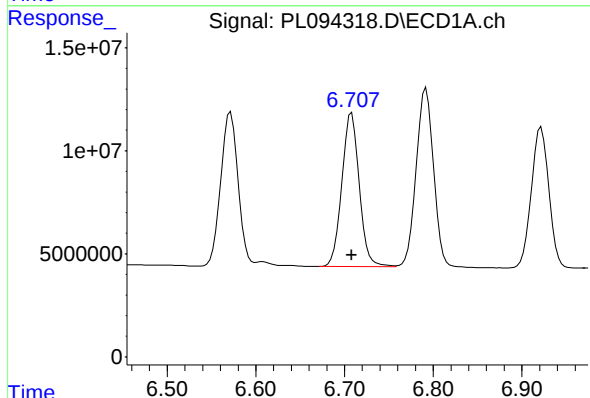
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/21/2025
Supervised By :Ankita Jodhani 02/24/2025



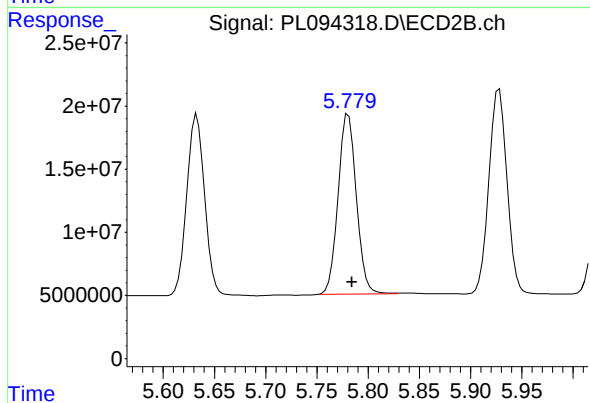
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: -0.003 min
Response: 197967008
Conc: 53.45 ng/ml



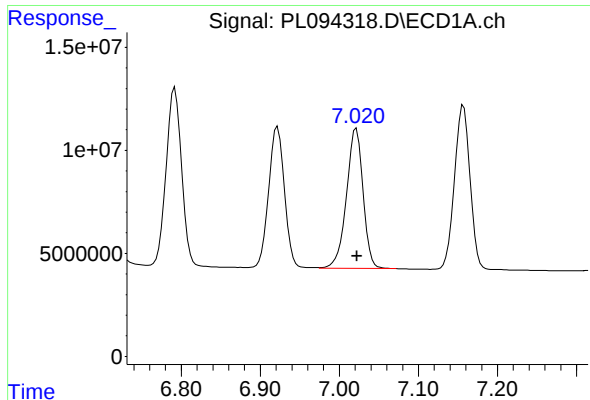
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 101754272
Conc: 53.54 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: -0.004 min
Response: 176402757
Conc: 55.88 ng/ml



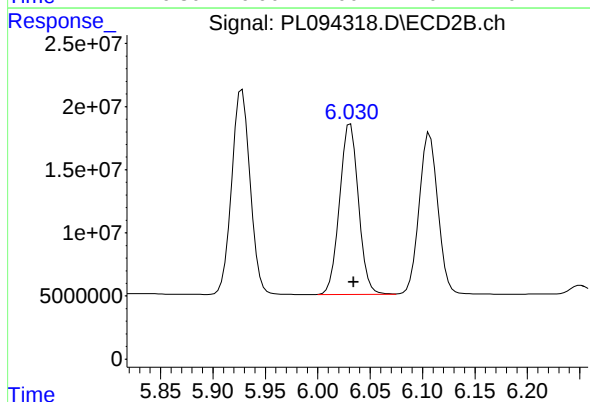
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 98824264
Conc: 50.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166800BSD

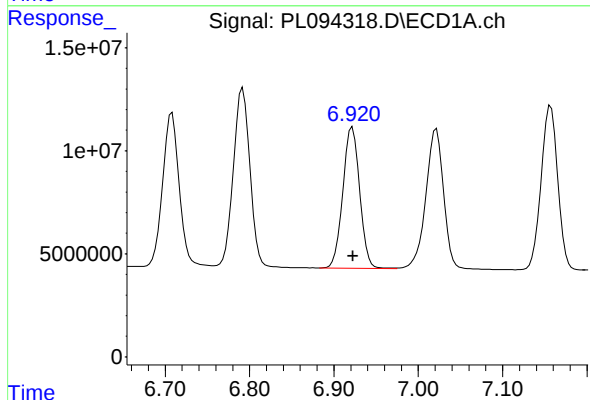
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/21/2025
Supervised By :Ankita Jodhani 02/24/2025



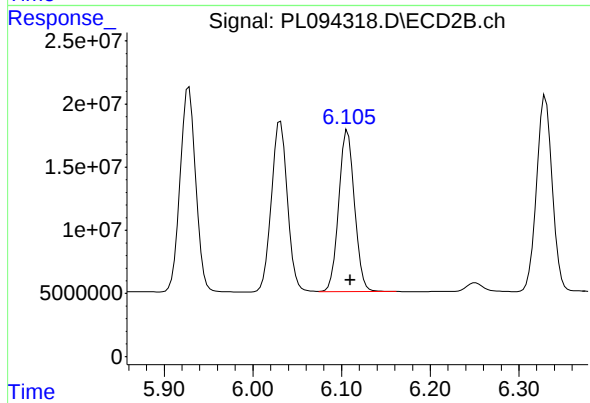
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: -0.003 min
Response: 169446657
Conc: 52.07 ng/ml



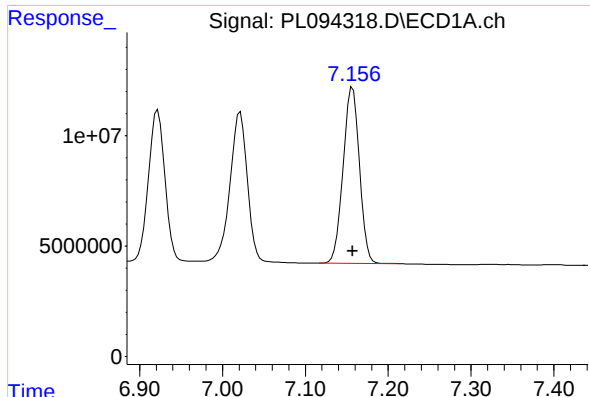
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 94861132
Conc: 48.80 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: -0.003 min
Response: 157880853
Conc: 51.86 ng/ml



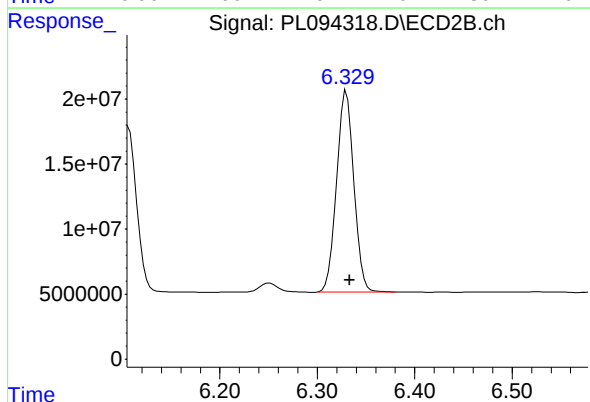
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 109396545
Conc: 48.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166800BSD

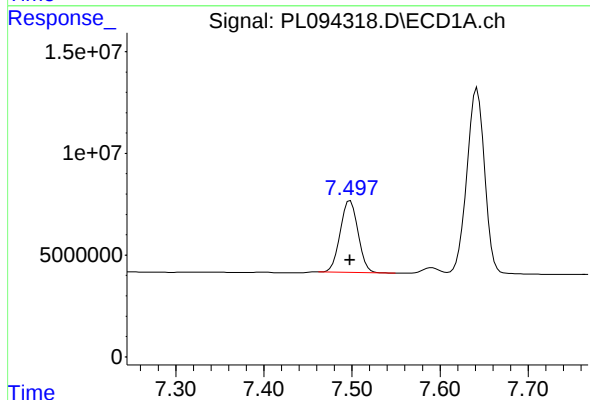
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/21/2025
Supervised By :Ankita Jodhani 02/24/2025



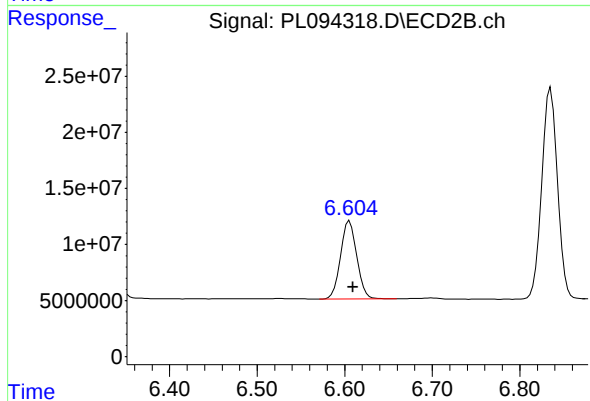
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: -0.003 min
Response: 190362702
Conc: 53.38 ng/ml



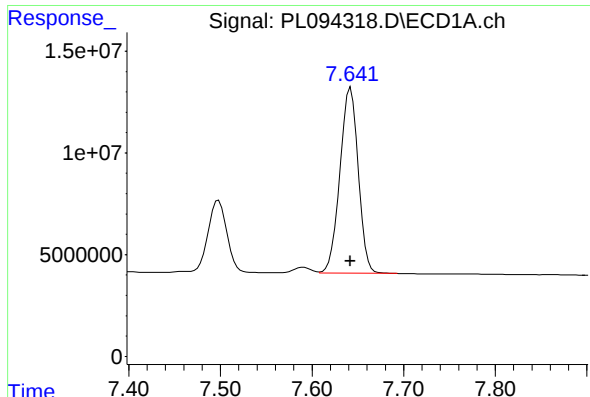
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 49627608
Conc: 47.56 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: -0.004 min
Response: 90052896
Conc: 50.36 ng/ml



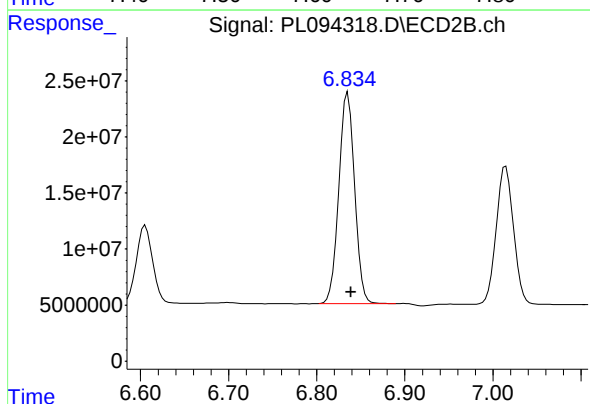
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 127212486
Conc: 50.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166800BSD

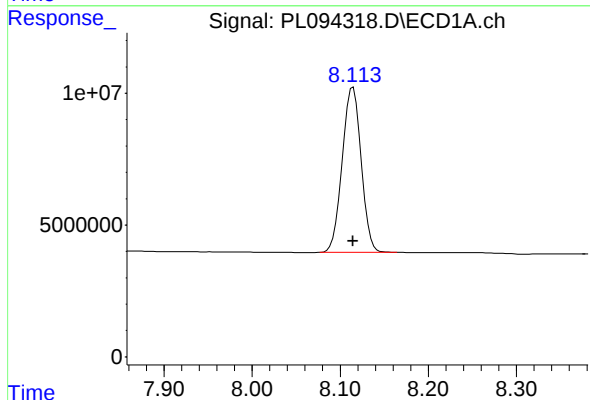
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/21/2025
Supervised By :Ankita Jodhani 02/24/2025



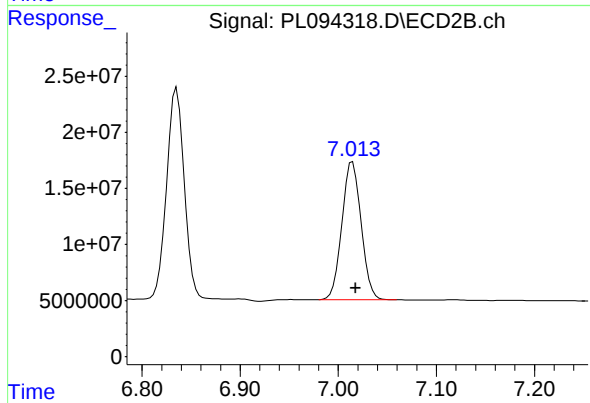
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: -0.004 min
Response: 234813228
Conc: 55.97 ng/ml



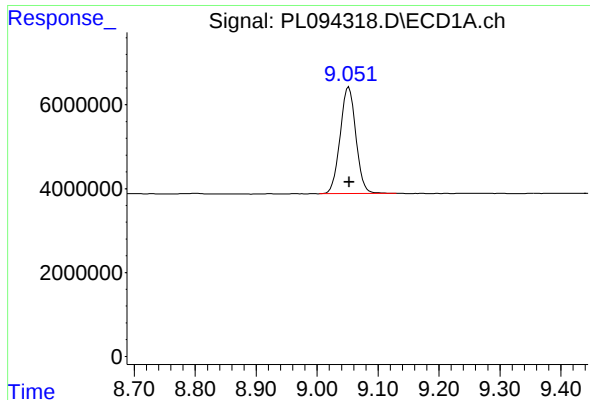
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 93812158
Conc: 45.05 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: -0.003 min
Response: 167746801
Conc: 49.60 ng/ml



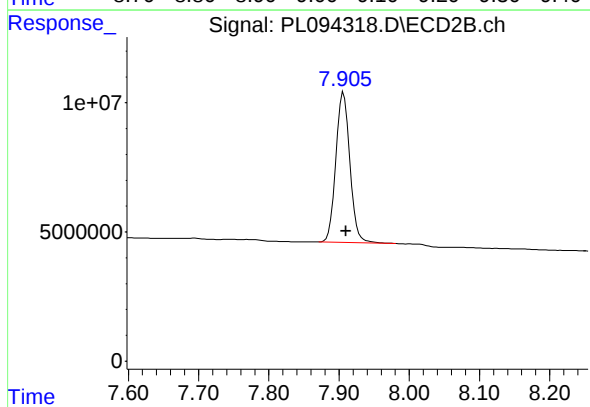
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: 0.000 min
Response: 45703648
Conc: 21.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166800BSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/21/2025
Supervised By :Ankita Jodhani 02/24/2025



#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: -0.003 min
Response: 80713414
Conc: 23.03 ng/ml