

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031325\
 Data File : PL094673.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Mar 2025 14:29
 Operator : AR\AJ
 Sample : Q1547-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OR-620-JB-COMP-01MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/14/2025
 Supervised By :mohammad ahmed 03/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 13 14:43:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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...	3.536	2.770	51751724	65370182	18.283	18.315
28)	SA Decachlor...	9.052	7.904	45959636	75861606	21.808	18.781
Target Compounds							
2)	A alpha-BHC	3.992	3.272	197.7E6	270.1E6	47.600	50.092
3)	MA gamma-BHC...	4.325	3.602	192.8E6	255.2E6	48.307	49.653
4)	MA Heptachlor	4.913	3.940	186.2E6	266.5E6	47.964	50.576
5)	MB Aldrin	5.254	4.219	175.1E6	246.9E6	47.432	50.622
6)	B beta-BHC	4.524	3.902	88797042	117.6E6	48.123	52.954
7)	B delta-BHC	4.771	4.131	186.1E6	243.5E6	47.796	48.675
8)	B Heptachlo...	5.681	4.722	162.4E6	234.7E6	48.545	51.255
9)	A Endosulfan I	6.067	5.091	150.6E6	224.4E6	49.060	51.123
10)	B gamma-Chl...	5.937	4.971	162.3E6	250.6E6	48.174	51.891
11)	B alpha-Chl...	6.016	5.035	161.3E6	245.5E6	48.939	51.429
12)	B 4,4'-DDE	6.190	5.224	154.3E6	248.8E6	52.451	53.518
13)	MA Dieldrin	6.342	5.355	158.5E6	253.3E6	49.568	52.210
14)	MA Endrin	6.572	5.631	139.8E6	237.8E6	50.446	54.500
15)	B Endosulfa...	6.792	5.924	139.9E6	234.7E6	51.549	54.235m
16)	A 4,4'-DDD	6.708	5.779	123.1E6	195.6E6	56.850	54.384
17)	MA 4,4'-DDT	7.022	6.029	132.3E6	224.7E6	55.628	55.731
18)	B Endrin al...	6.922	6.105	107.8E6	173.3E6	51.056	51.498
19)	B Endosulfa...	7.157	6.328	127.4E6	216.1E6	52.376	53.063
20)	A Methoxychlor	7.498	6.604	69631163	117.3E6	58.168	55.295
21)	B Endrin ke...	7.642	6.832	145.1E6	249.2E6	54.886	52.223m
22)	Mirex	8.114	7.011	108.0E6	191.9E6	52.280	50.568m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031325\
Data File : PL094673.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Mar 2025 14:29
Operator : AR\AJ
Sample : Q1547-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

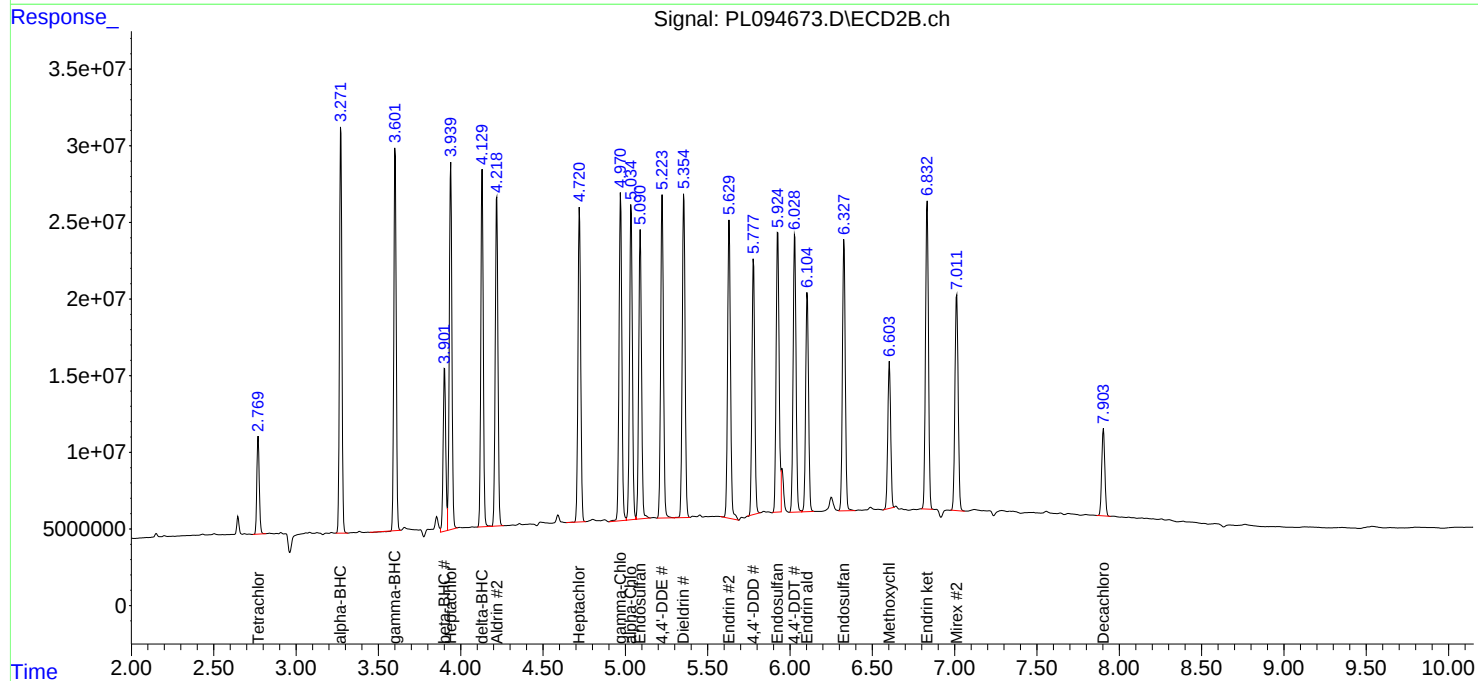
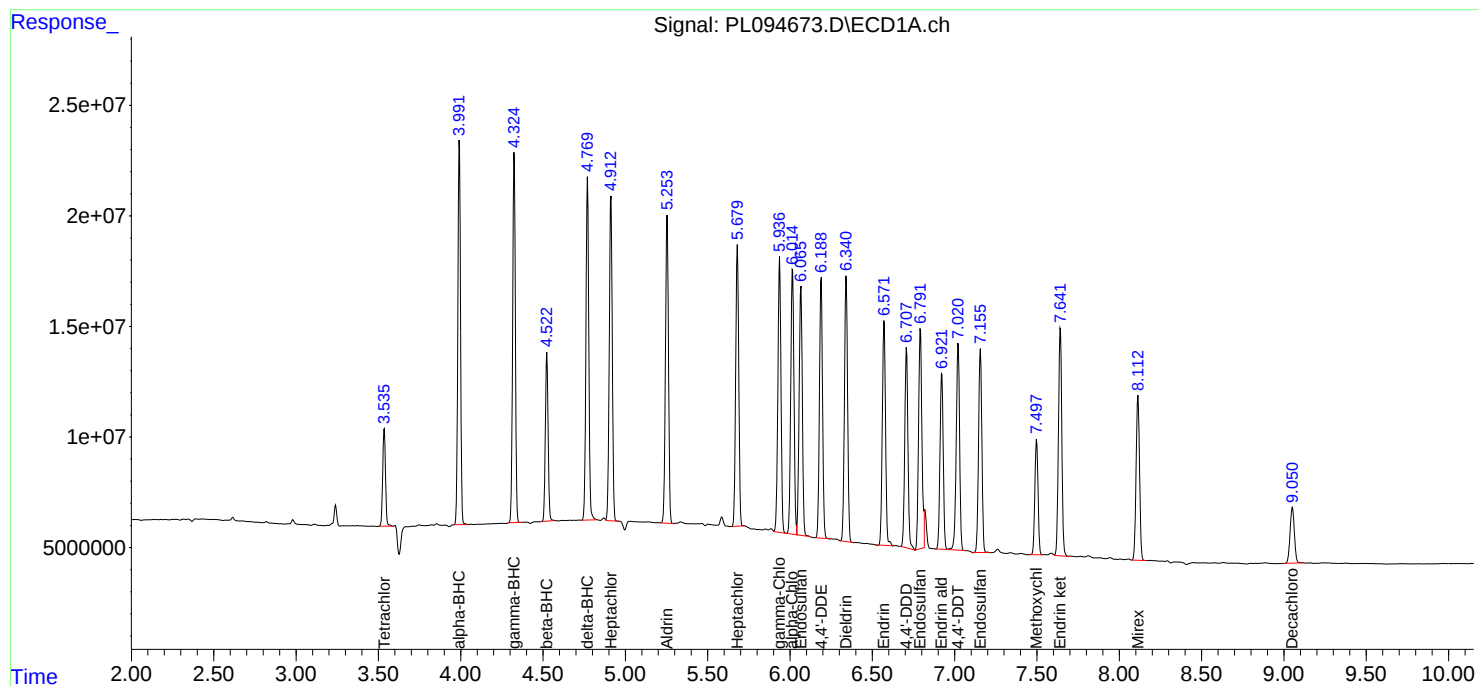
Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MS

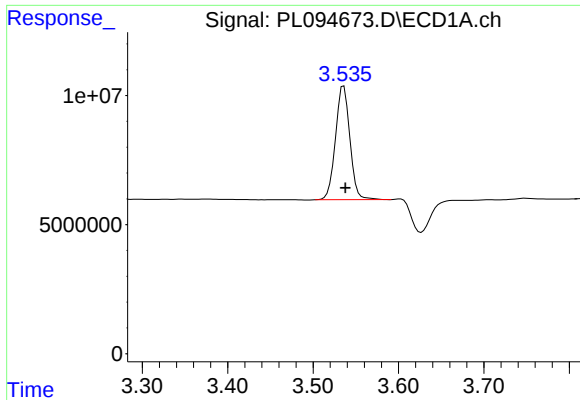
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 14:43:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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





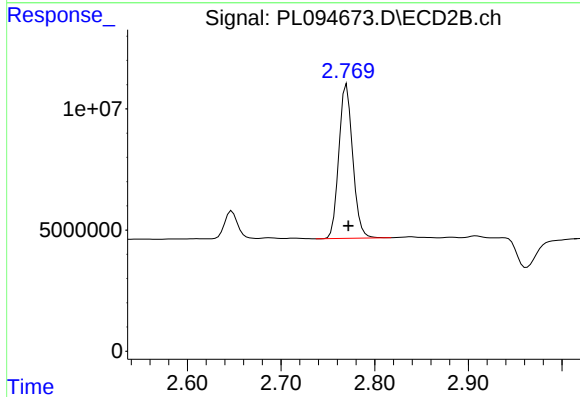
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.002 min
Response: 51751724
Conc: 18.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MS

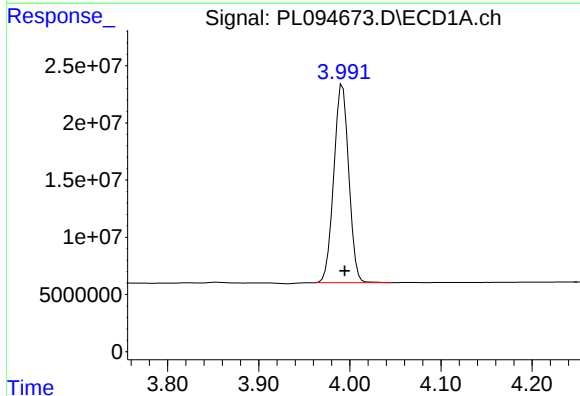
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



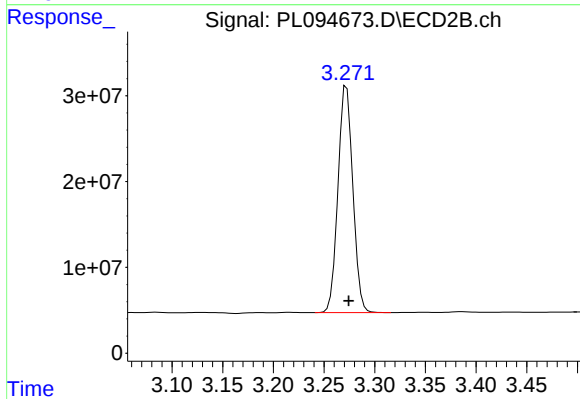
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 65370182
Conc: 18.31 ng/ml



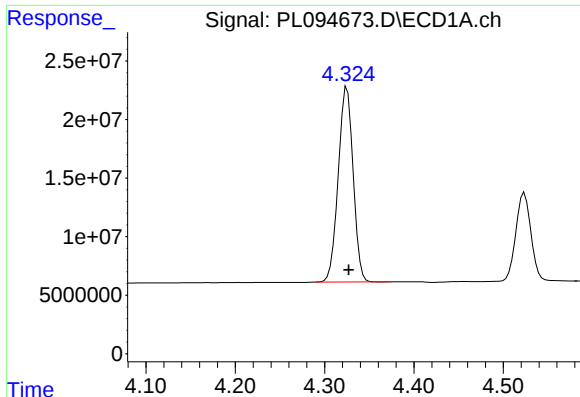
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 197653116
Conc: 47.60 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.002 min
Response: 270064319
Conc: 50.09 ng/ml



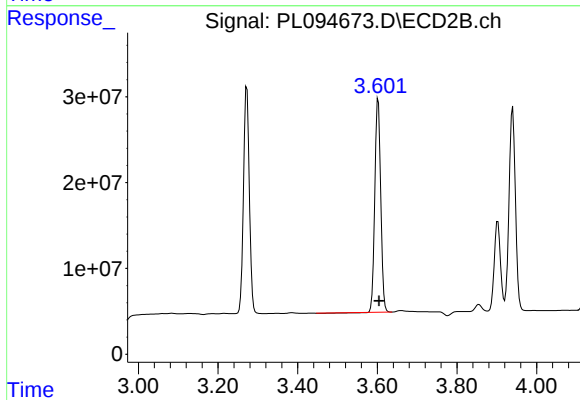
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 192758547
Conc: 48.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MS

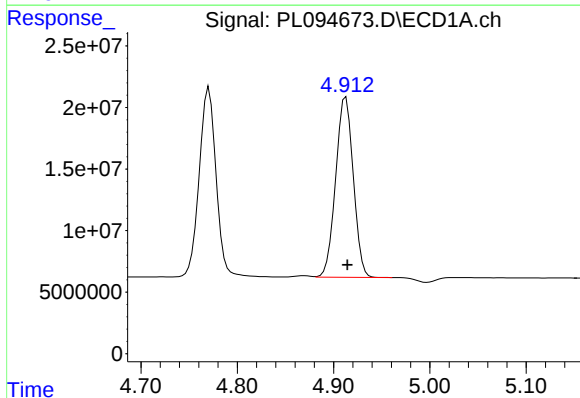
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



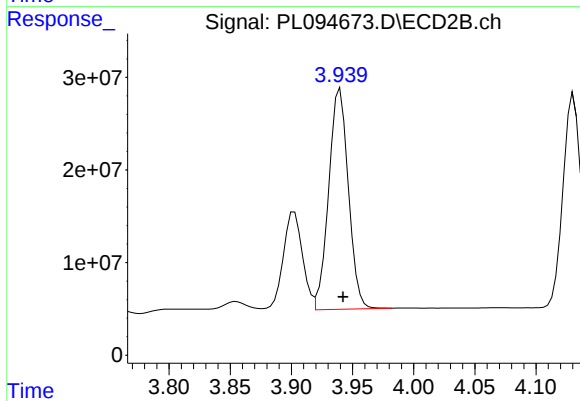
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: -0.002 min
Response: 255190460
Conc: 49.65 ng/ml



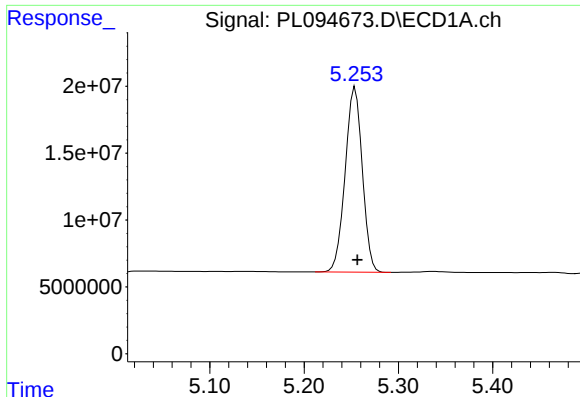
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.002 min
Response: 186176735
Conc: 47.96 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: -0.003 min
Response: 266468178
Conc: 50.58 ng/ml



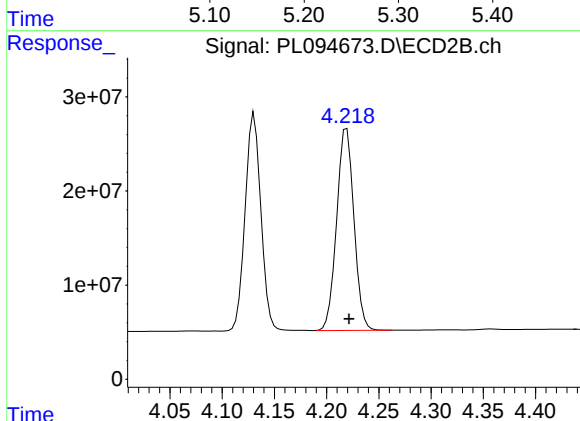
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: -0.002 min
Response: 175129025
Conc: 47.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MS

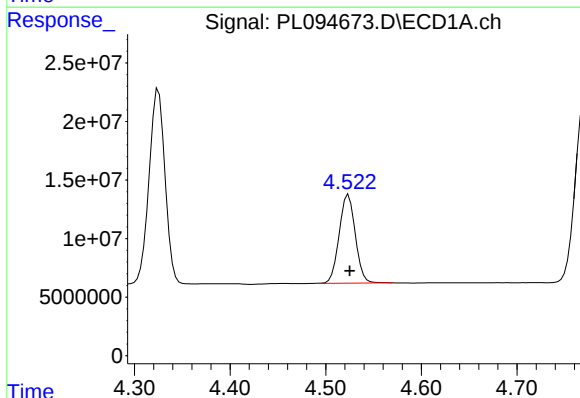
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



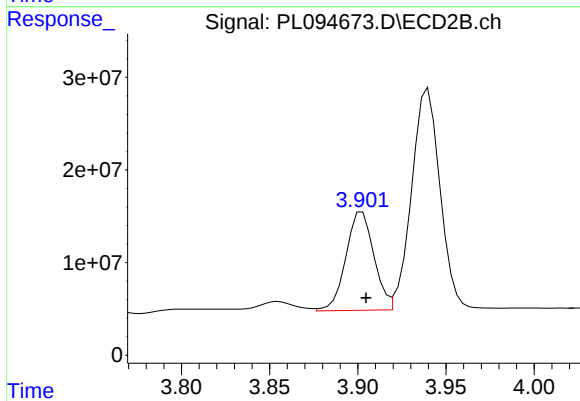
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.002 min
Response: 246850785
Conc: 50.62 ng/ml



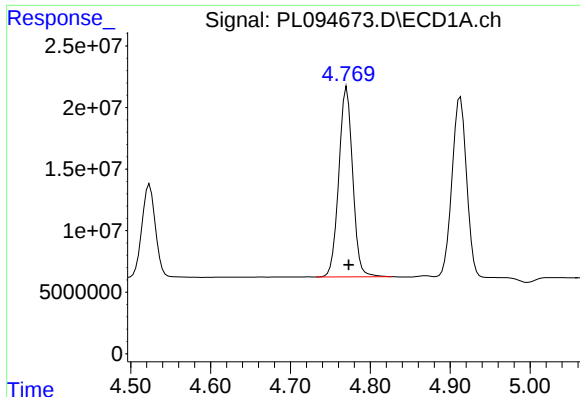
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.002 min
Response: 88797042
Conc: 48.12 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.002 min
Response: 117626330
Conc: 52.95 ng/ml



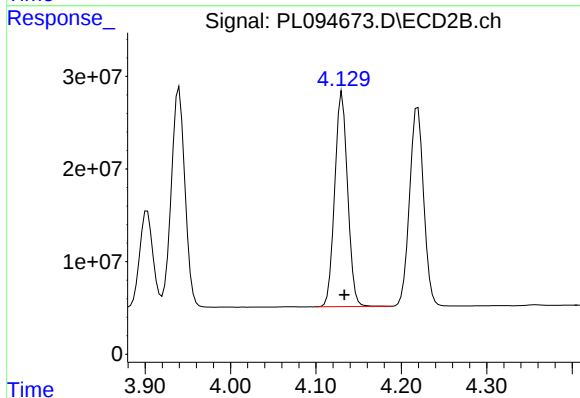
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: -0.002 min
Response: 186131378
Conc: 47.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MS

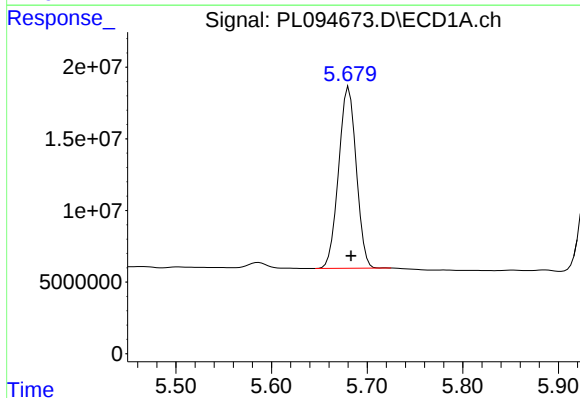
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



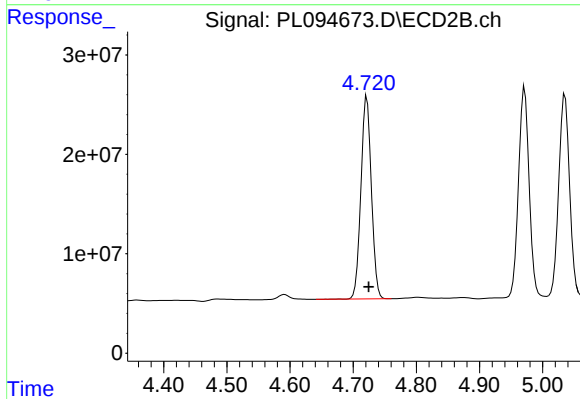
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.002 min
Response: 243470794
Conc: 48.67 ng/ml



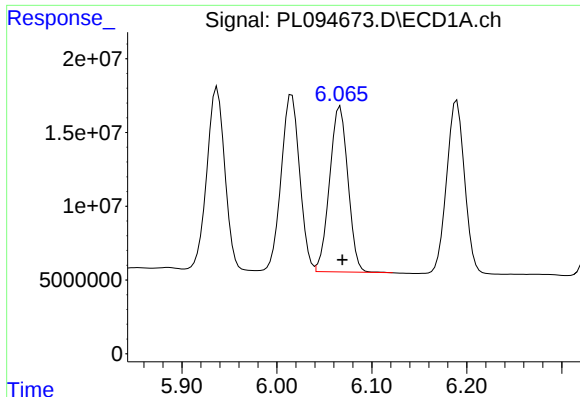
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 162393359
Conc: 48.55 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: -0.003 min
Response: 234673879
Conc: 51.25 ng/ml



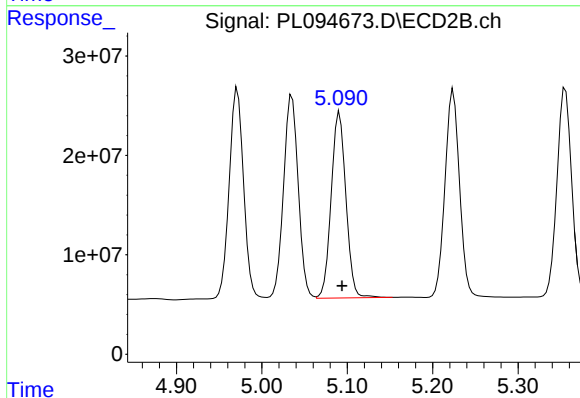
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 150623316
Conc: 49.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MS

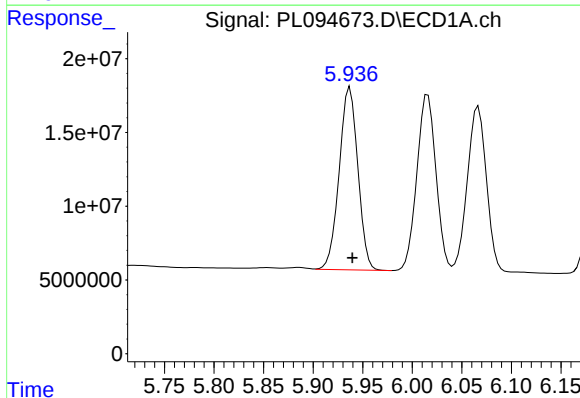
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



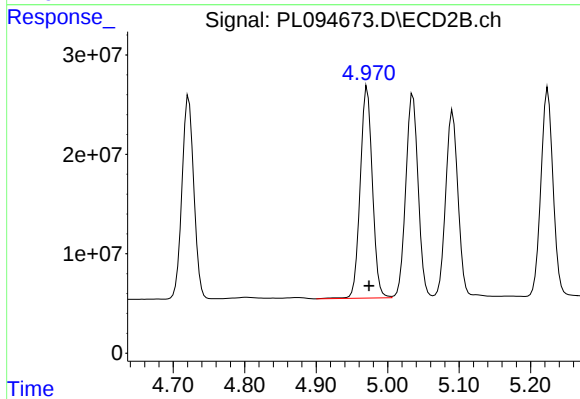
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 224365276
Conc: 51.12 ng/ml



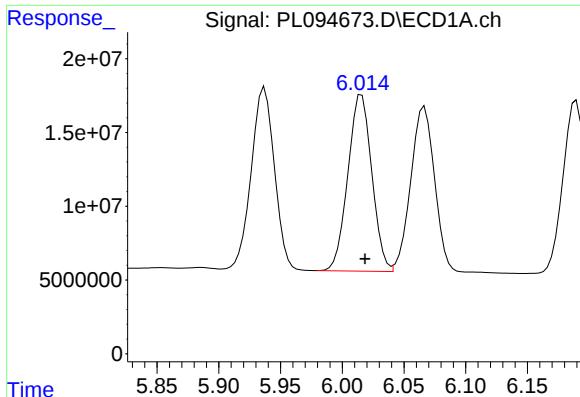
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.002 min
Response: 162317431
Conc: 48.17 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.002 min
Response: 250550193
Conc: 51.89 ng/ml



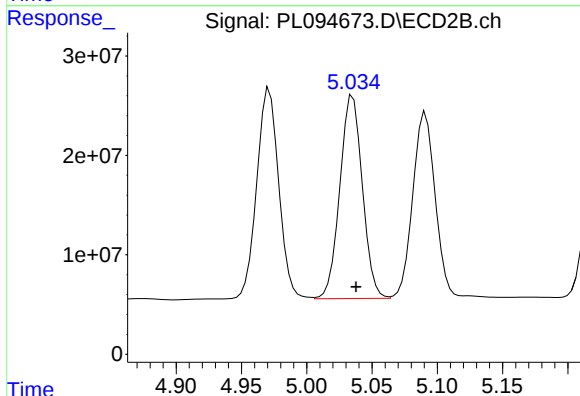
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.003 min
Response: 161345025
Conc: 48.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MS

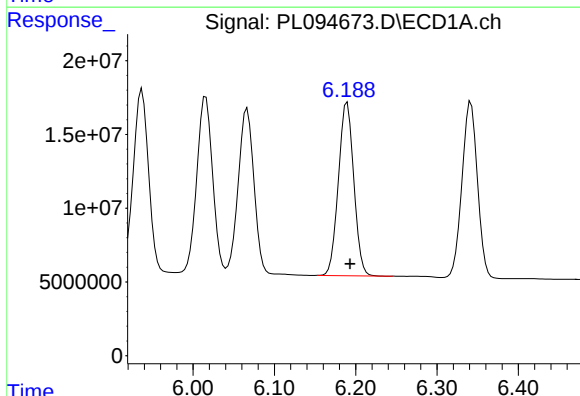
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



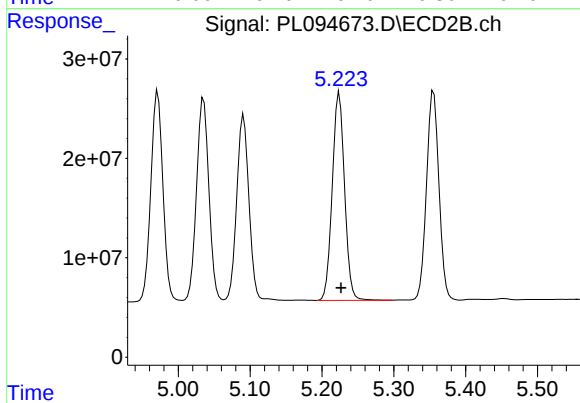
#11 alpha-Chlordane

R.T.: 5.035 min
Delta R.T.: -0.002 min
Response: 245457997
Conc: 51.43 ng/ml



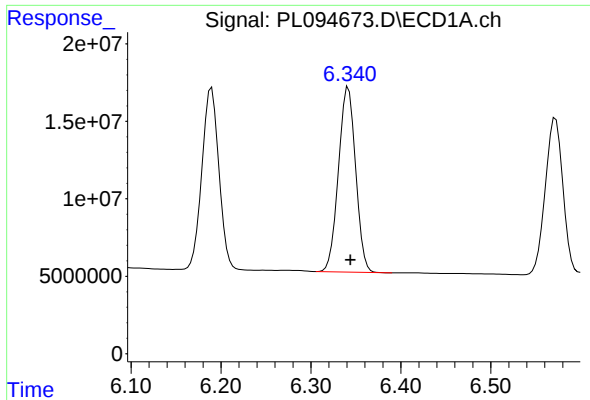
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.003 min
Response: 154313440
Conc: 52.45 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: -0.002 min
Response: 248779499
Conc: 53.52 ng/ml



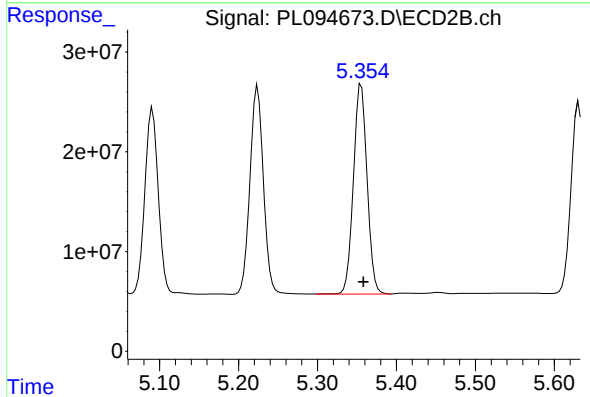
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 158526136
Conc: 49.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MS

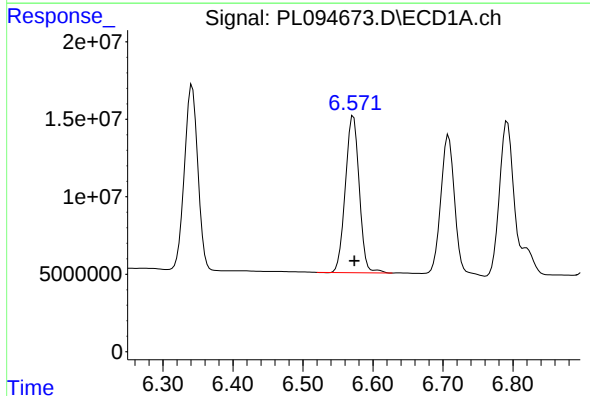
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



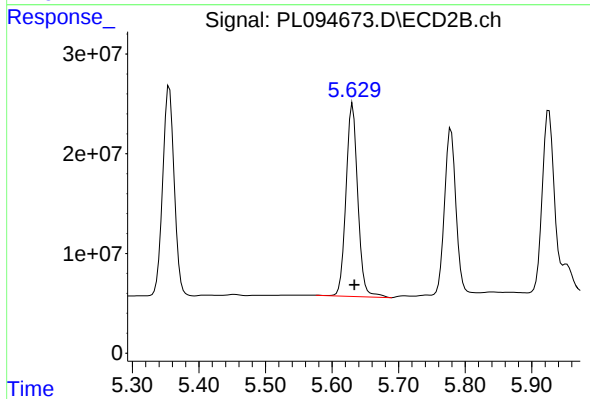
#13 Dieldrin

R.T.: 5.355 min
Delta R.T.: -0.003 min
Response: 253315154
Conc: 52.21 ng/ml



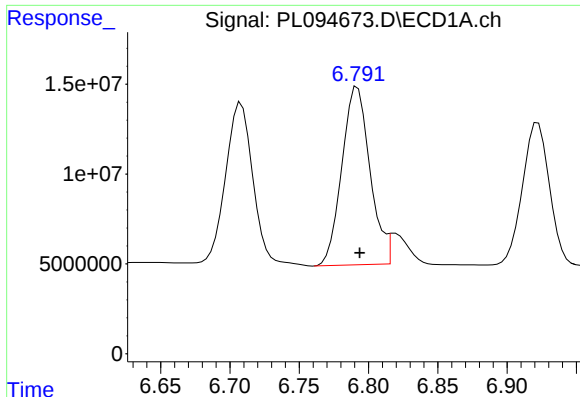
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 139841323
Conc: 50.45 ng/ml



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.003 min
Response: 237818514
Conc: 54.50 ng/ml



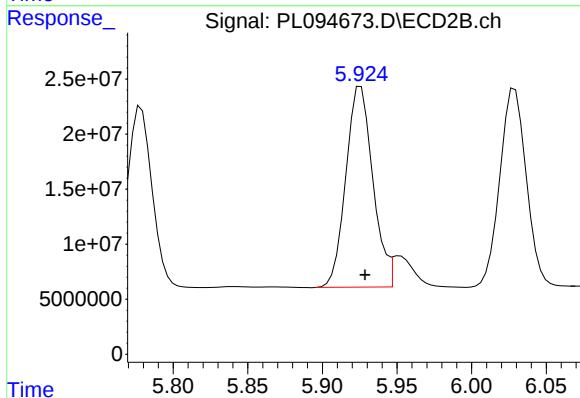
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: -0.002 min
Response: 139941617
Conc: 51.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MS

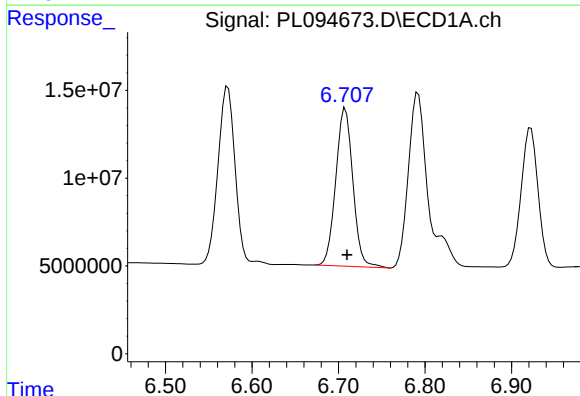
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



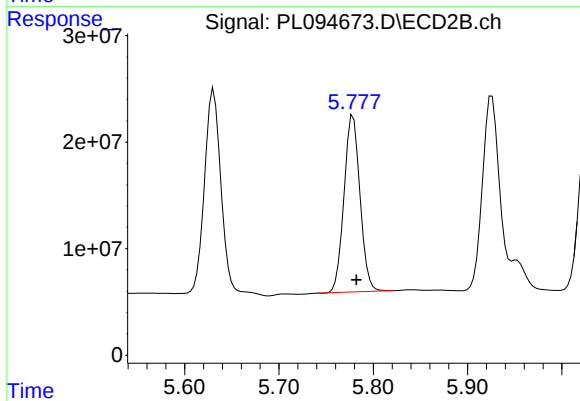
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: -0.004 min
Response: 234743477
Conc: 54.24 ng/ml m



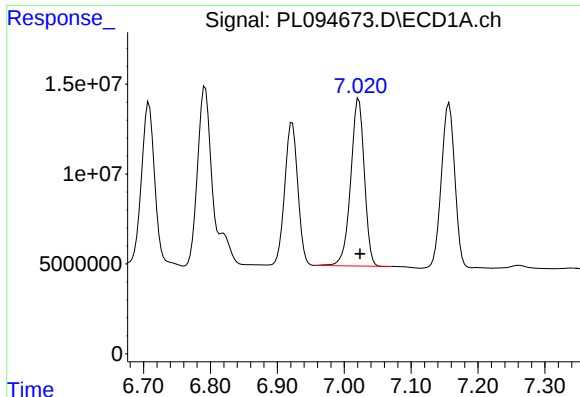
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 123140410
Conc: 56.85 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 195558767
Conc: 54.38 ng/ml



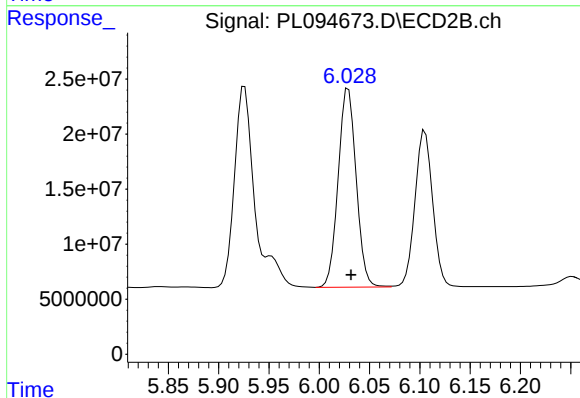
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: -0.002 min
Response: 132314330
Conc: 55.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MS

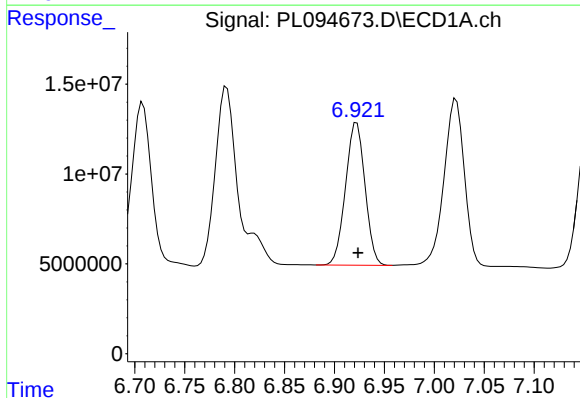
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



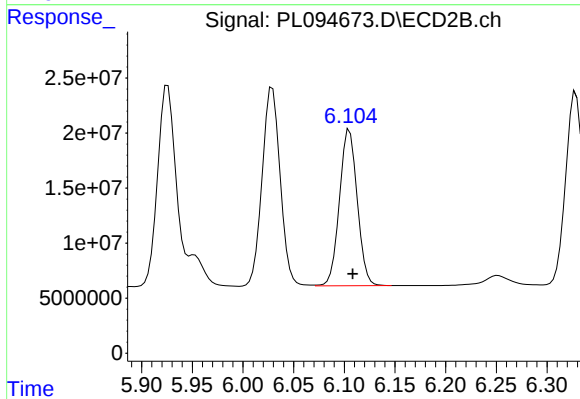
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.003 min
Response: 224715034
Conc: 55.73 ng/ml



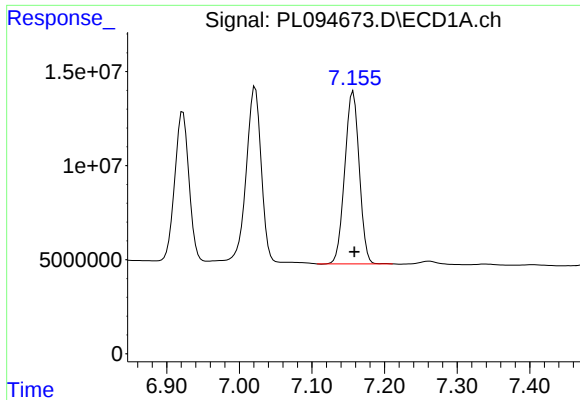
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: -0.001 min
Response: 107779351
Conc: 51.06 ng/ml



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.003 min
Response: 173311271
Conc: 51.50 ng/ml



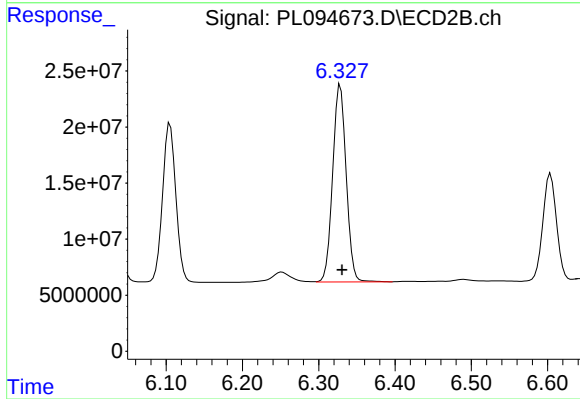
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: -0.002 min
Response: 127379127
Conc: 52.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MS

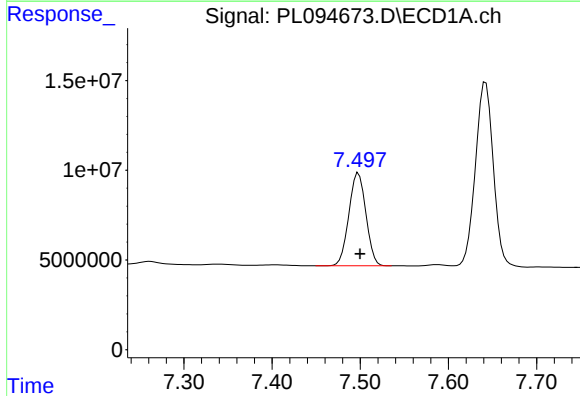
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



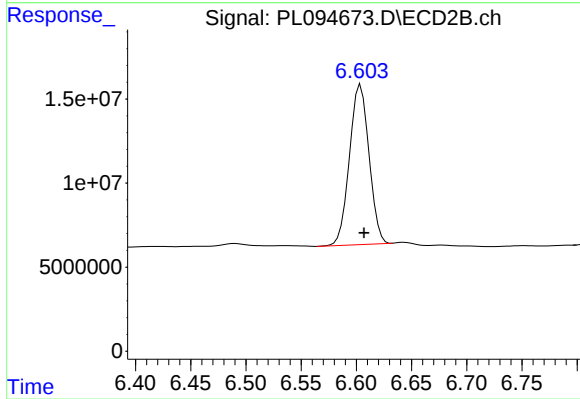
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: -0.002 min
Response: 216146759
Conc: 53.06 ng/ml



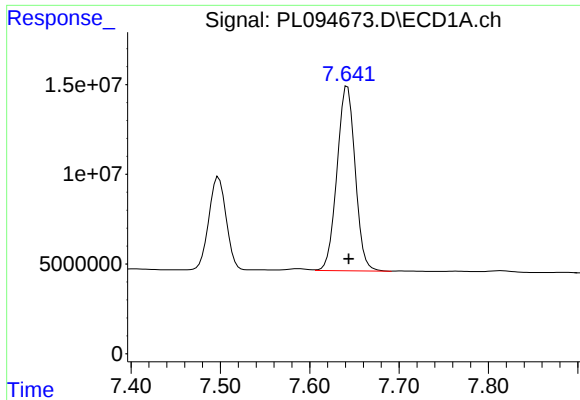
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 69631163
Conc: 58.17 ng/ml



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: -0.003 min
Response: 117285063
Conc: 55.30 ng/ml



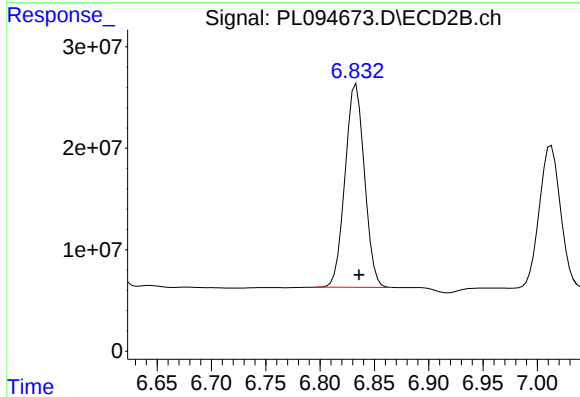
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.001 min
Response: 145077219
Conc: 54.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MS

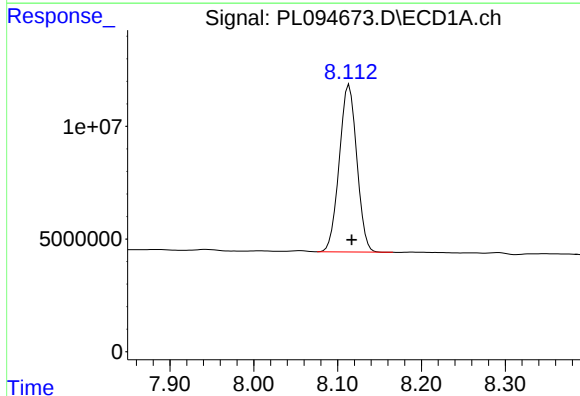
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



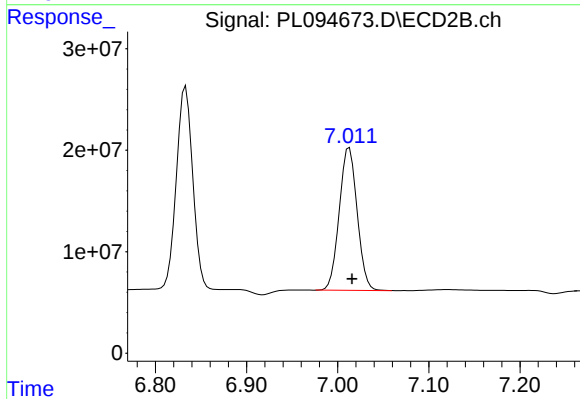
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.004 min
Response: 249239646
Conc: 52.22 ng/ml m



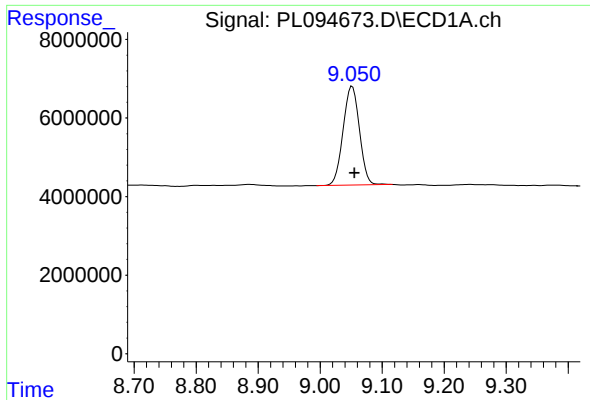
#22 Mirex

R.T.: 8.114 min
Delta R.T.: -0.003 min
Response: 108025186
Conc: 52.28 ng/ml



#22 Mirex

R.T.: 7.011 min
Delta R.T.: -0.004 min
Response: 191923115
Conc: 50.57 ng/ml m



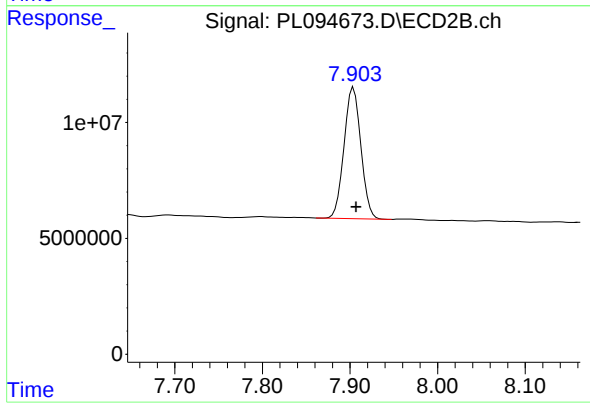
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: -0.004 min
Response: 45959636
Conc: 21.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.003 min
Response: 75861606
Conc: 18.78 ng/ml