

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032125\
 Data File : PL094788.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Mar 2025 14:04
 Operator : AR\AJ
 Sample : Q1606-03MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RBR251346MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/24/2025
 Supervised By : mohammad ahmed 03/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 23:22:58 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	2.771	55006944	68352083	19.432m	19.150
28)	SA Decachlor...	9.055	7.905	38171858	57038168	18.113	14.121
Target Compounds							
2)	A alpha-BHC	3.994	3.273	174.0E6	240.5E6	41.892	44.607
3)	MA gamma-BHC...	4.325	3.603	180.3E6	222.5E6	45.180m	43.301
4)	MA Heptachlor	4.914	3.941	159.6E6	236.4E6	41.118	44.862
5)	MB Aldrin	5.256	4.220	153.0E6	212.8E6	41.429	43.637
6)	B beta-BHC	4.524	3.903	81748090	99125045	44.303m	44.625
7)	B delta-BHC	4.771	4.132	159.2E6	168.0E6	40.871m	33.586
8)	B Heptachlo...	5.683	4.721	140.3E6	196.7E6	41.933	42.968m
9)	A Endosulfan I	6.069	5.091	130.6E6	187.6E6	42.525	42.752m
10)	B gamma-Chl...	5.939	4.971	138.9E6	204.3E6	41.224	42.308m
11)	B alpha-Chl...	6.018	5.035	138.1E6	202.1E6	41.890	42.335m
12)	B 4,4'-DDE	6.192	5.223	133.6E6	204.4E6	45.424	43.979m
13)	MA Dieldrin	6.344	5.355	137.8E6	208.7E6	43.097	43.007m
14)	MA Endrin	6.572	5.631	121.4E6	195.9E6	43.806m	44.902m
15)	B Endosulfa...	6.792	5.926	123.7E6	182.8E6	45.570m	42.243m
16)	A 4,4'-DDD	6.708	5.780	107.6E6	161.2E6	49.687m	44.843
17)	MA 4,4'-DDT	7.023	6.030	115.5E6	176.8E6	48.559	43.841
18)	B Endrin al...	6.924	6.106	93581767	138.0E6	44.331	41.006
19)	B Endosulfa...	7.158	6.330	108.8E6	168.5E6	44.722	41.357
20)	A Methoxychlor	7.500	6.605	61843725	97895322	51.662	46.154
21)	B Endrin ke...	7.643	6.835	126.2E6	196.7E6	47.744	41.206
22)	Mirex	8.116	7.014	92026124	151.6E6	44.537	39.932

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032125\
Data File : PL094788.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Mar 2025 14:04
Operator : AR\AJ
Sample : Q1606-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

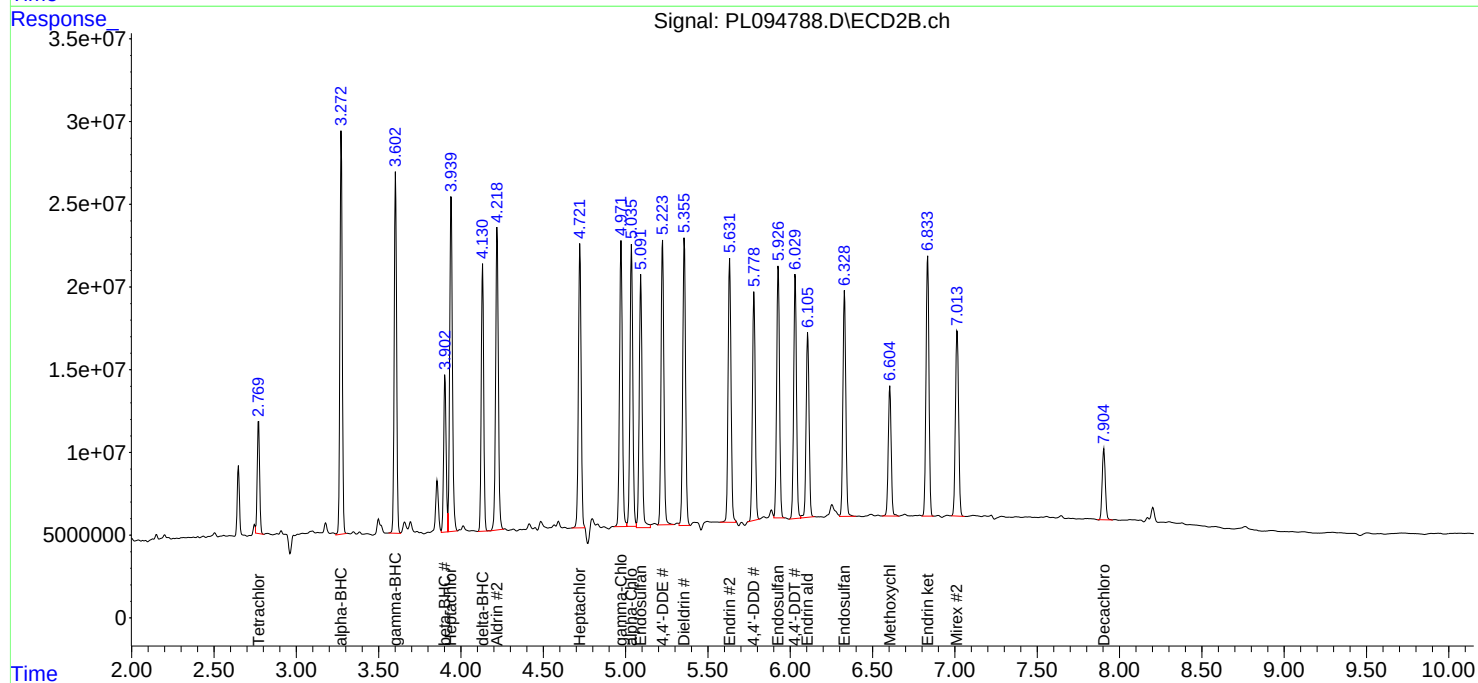
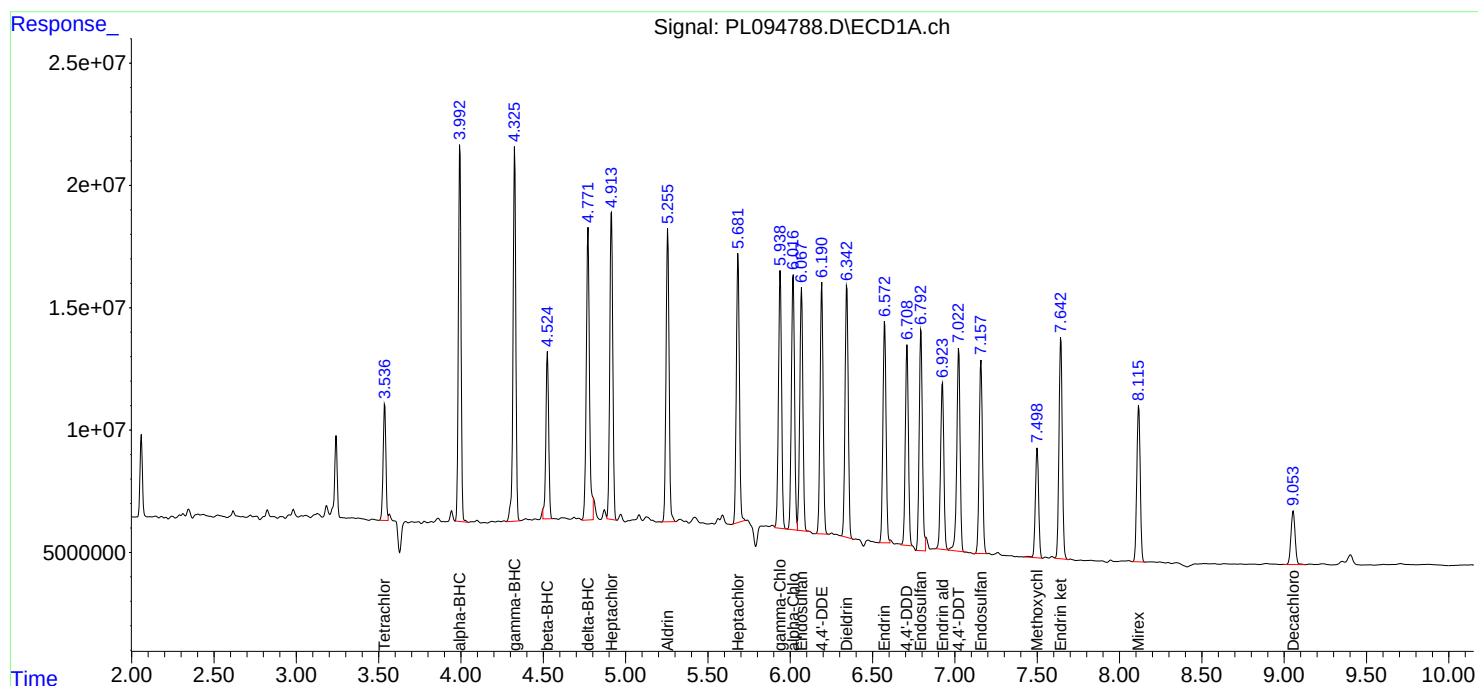
Instrument :
ECD_L
ClientSampleId :
RBR251346MS

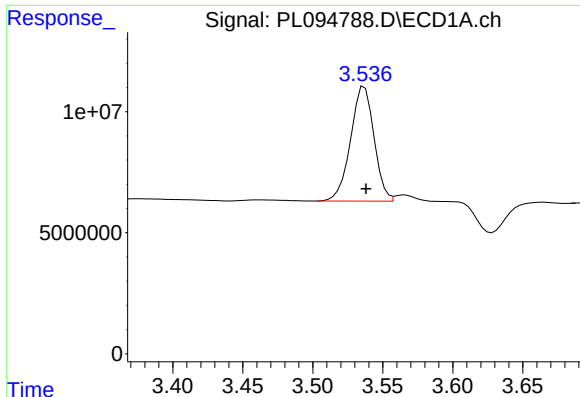
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/24/2025
Supervised By :mohammad ahmed 03/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 21 23:22:58 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





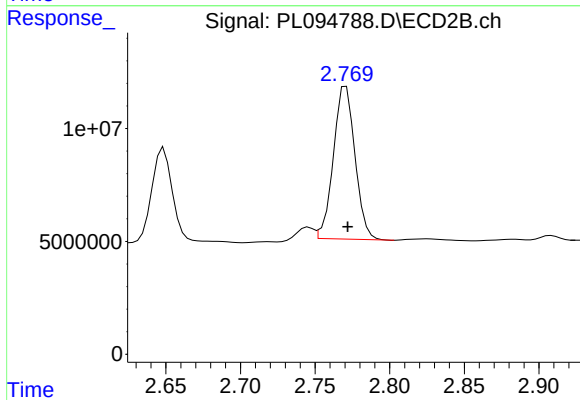
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.002 min
Response: 55006944
Conc: 19.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251346MS

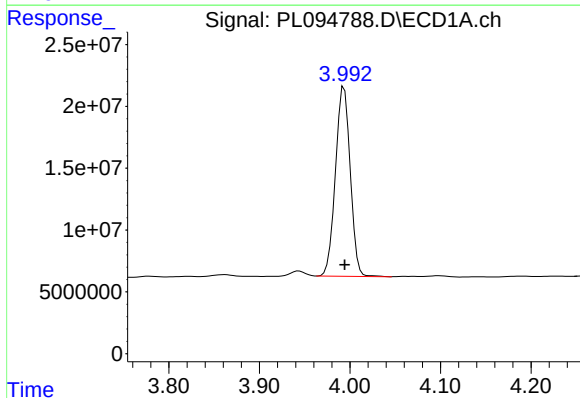
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/24/2025
Supervised By :mohammad ahmed 03/25/2025



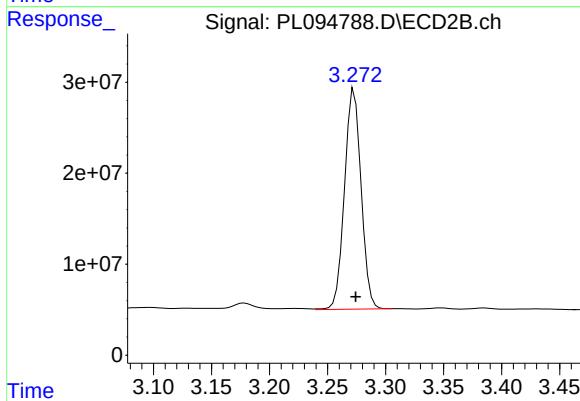
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: -0.001 min
Response: 68352083
Conc: 19.15 ng/ml



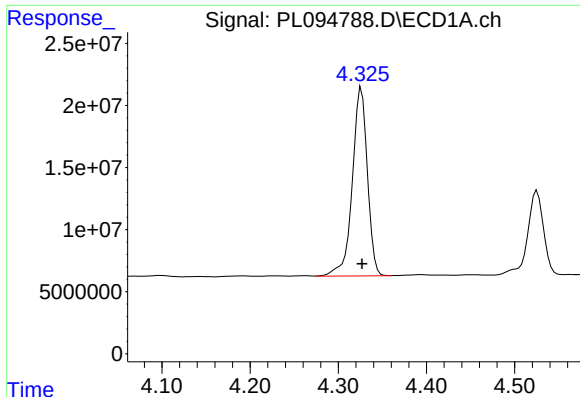
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 173950075
Conc: 41.89 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: -0.001 min
Response: 240493052
Conc: 44.61 ng/ml



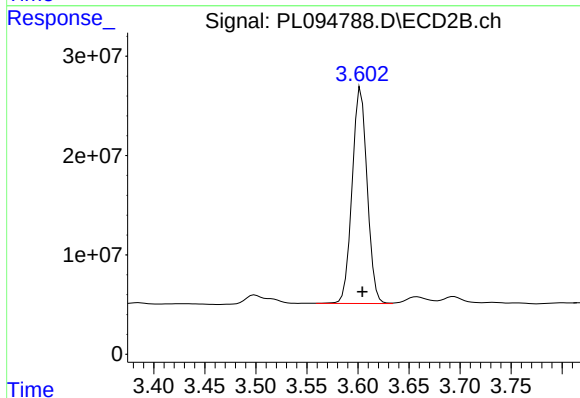
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 180278756
Conc: 45.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251346MS

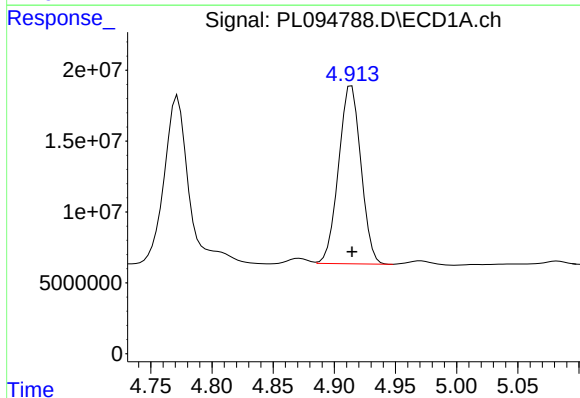
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/24/2025
Supervised By :mohammad ahmed 03/25/2025



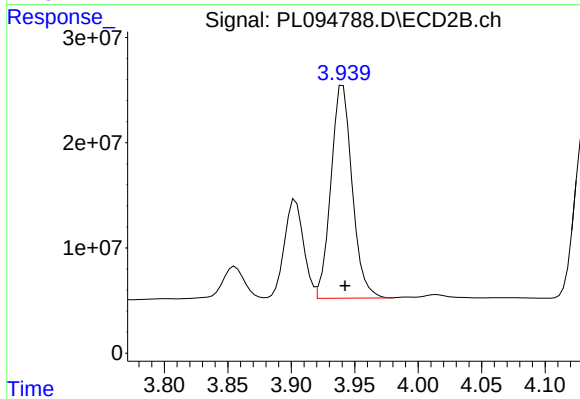
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: -0.001 min
Response: 222540950
Conc: 43.30 ng/ml



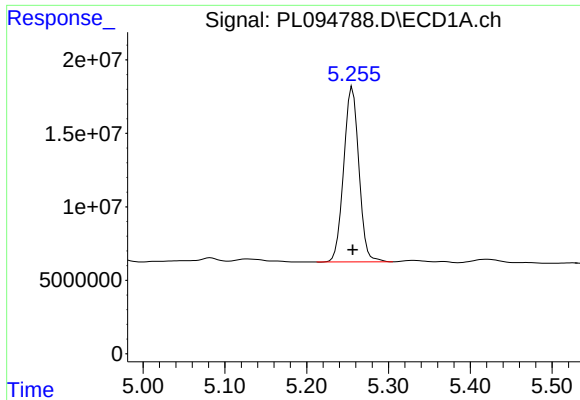
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 159604170
Conc: 41.12 ng/ml



#4 Heptachlor

R.T.: 3.941 min
Delta R.T.: -0.002 min
Response: 236362052
Conc: 44.86 ng/ml



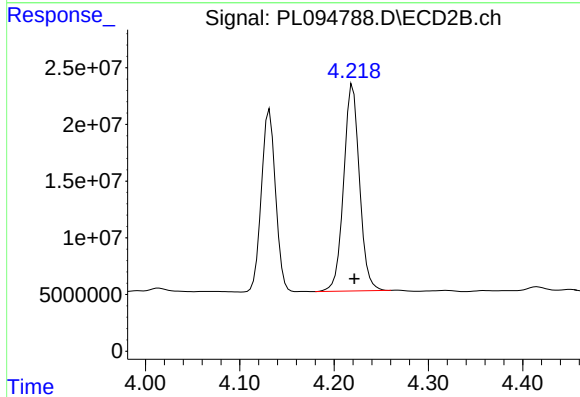
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 152963310
Conc: 41.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251346MS

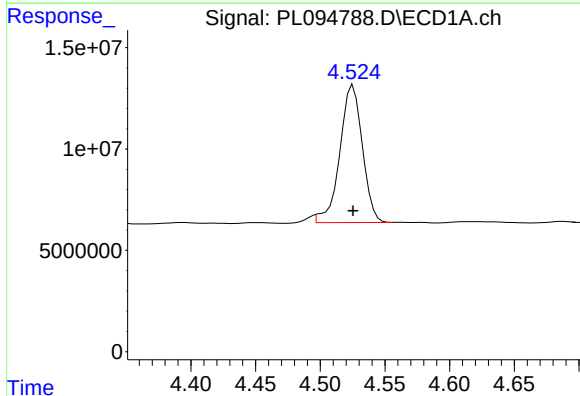
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/24/2025
Supervised By :mohammad ahmed 03/25/2025



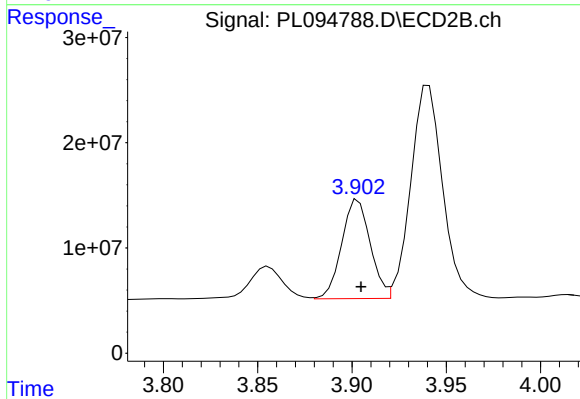
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: -0.002 min
Response: 212787323
Conc: 43.64 ng/ml



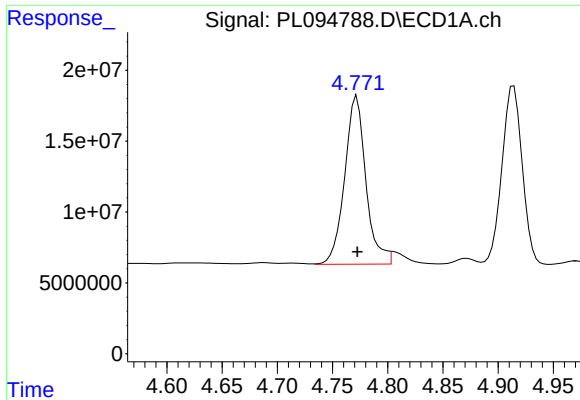
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 81748090
Conc: 44.30 ng/ml m



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.001 min
Response: 99125045
Conc: 44.62 ng/ml



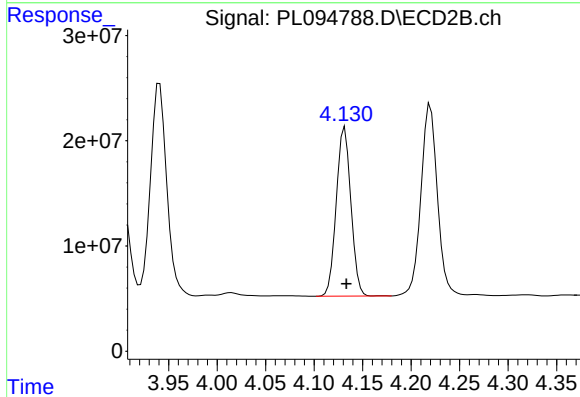
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: -0.002 min
Response: 159163613
Conc: 40.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251346MS

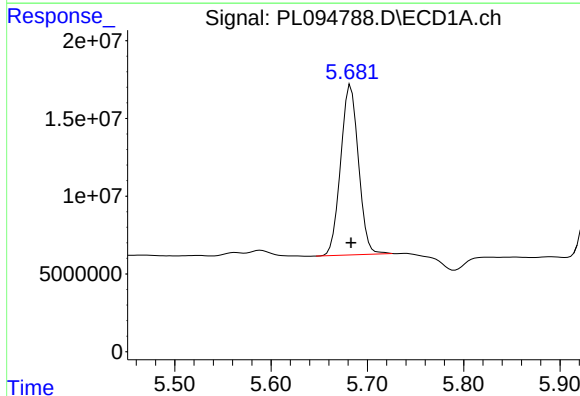
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/24/2025
Supervised By :mohammad ahmed 03/25/2025



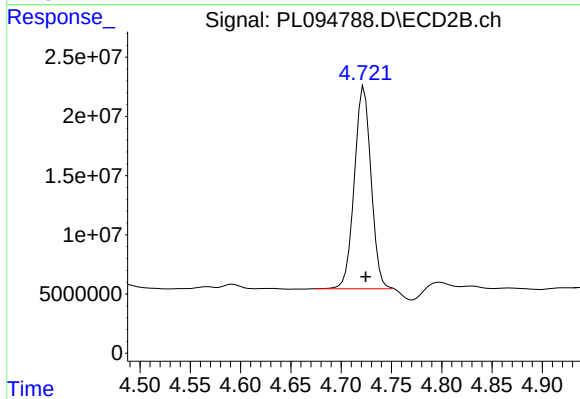
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: -0.002 min
Response: 167995303
Conc: 33.59 ng/ml



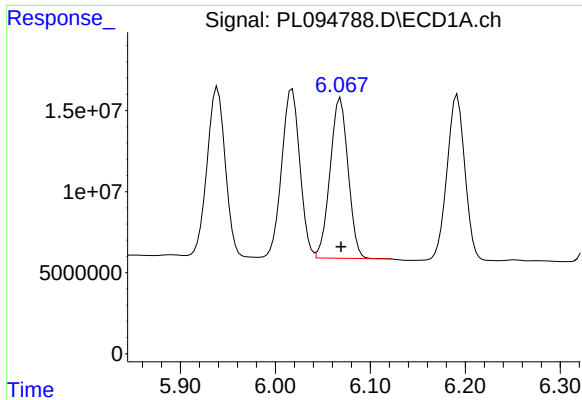
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 140275417
Conc: 41.93 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.003 min
Response: 196732347
Conc: 42.97 ng/ml m



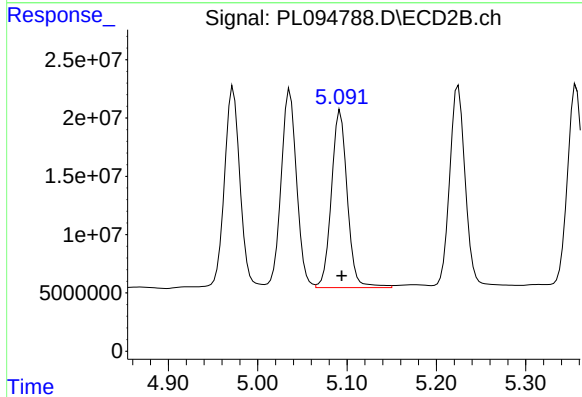
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 130560617
Conc: 42.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251346MS

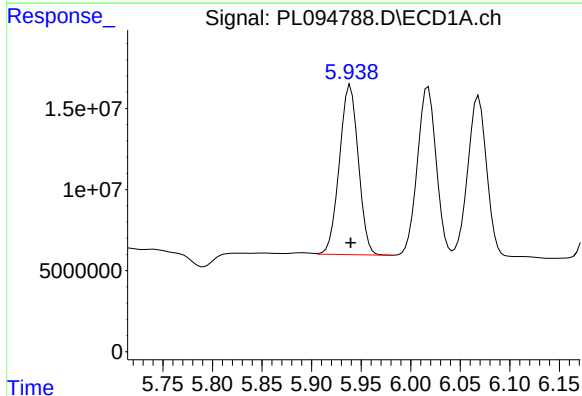
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/24/2025
Supervised By :mohammad ahmed 03/25/2025



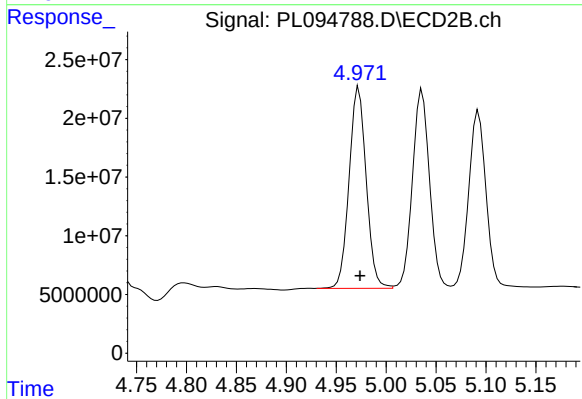
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 187627500
Conc: 42.75 ng/ml m



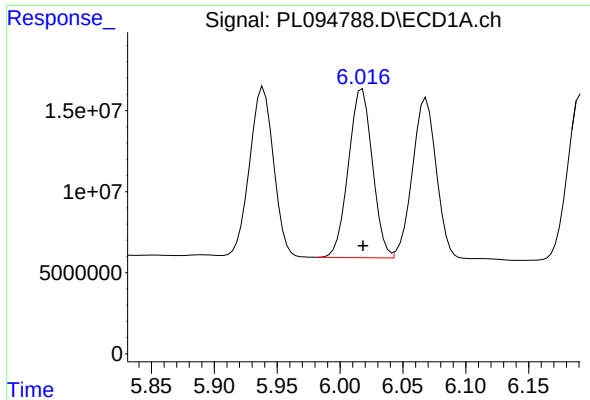
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 138899316
Conc: 41.22 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 204280587
Conc: 42.31 ng/ml m



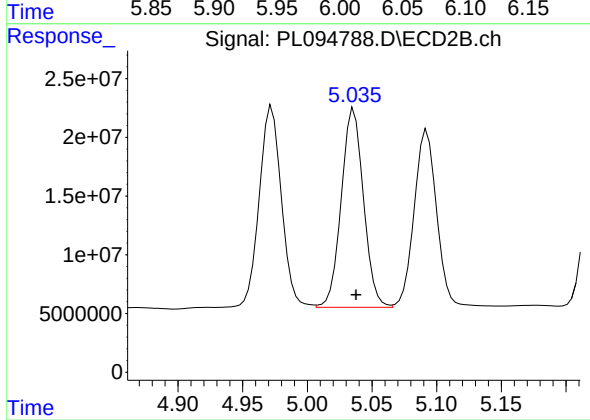
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 138105916
Conc: 41.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251346MS

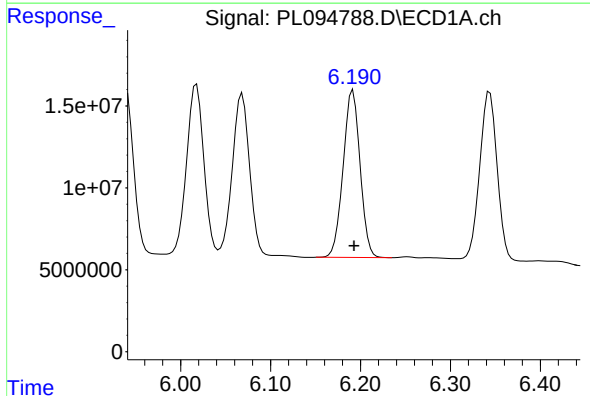
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/24/2025
Supervised By :mohammad ahmed 03/25/2025



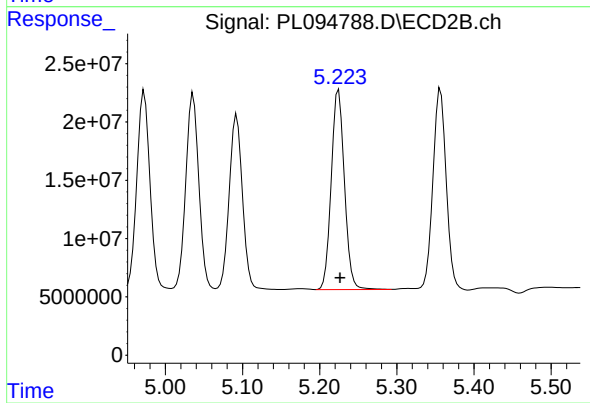
#11 alpha-Chlordane

R.T.: 5.035 min
Delta R.T.: -0.003 min
Response: 202054305
Conc: 42.33 ng/ml m



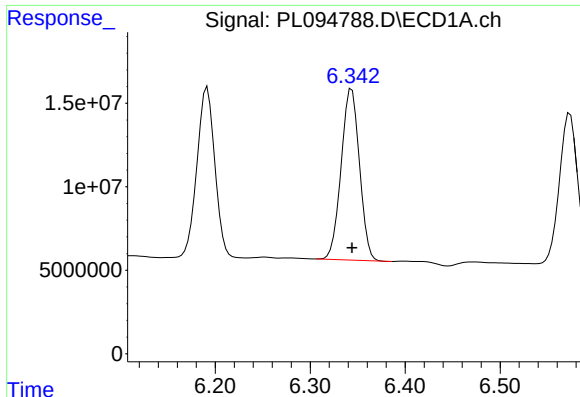
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: -0.001 min
Response: 133640671
Conc: 45.42 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: -0.003 min
Response: 204437794
Conc: 43.98 ng/ml m



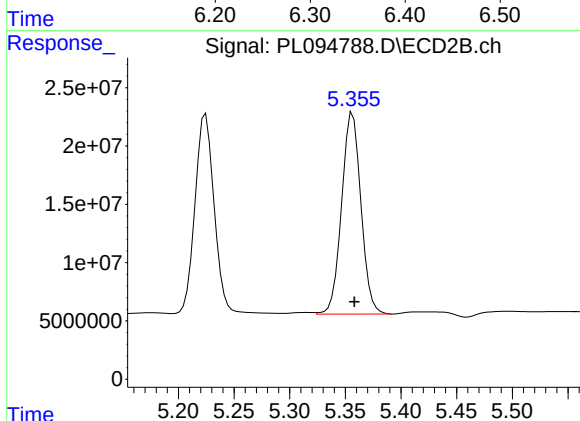
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 137830087
Conc: 43.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251346MS

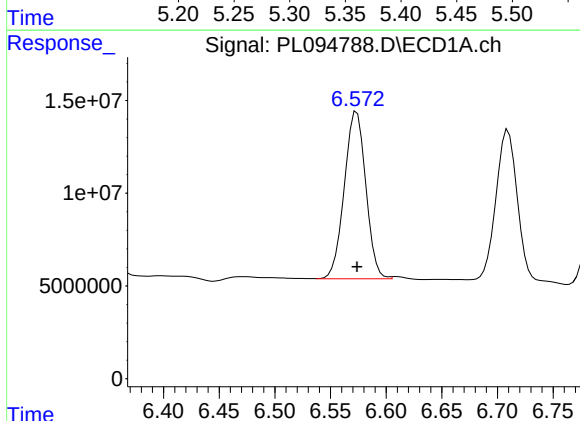
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/24/2025
Supervised By :mohammad ahmed 03/25/2025



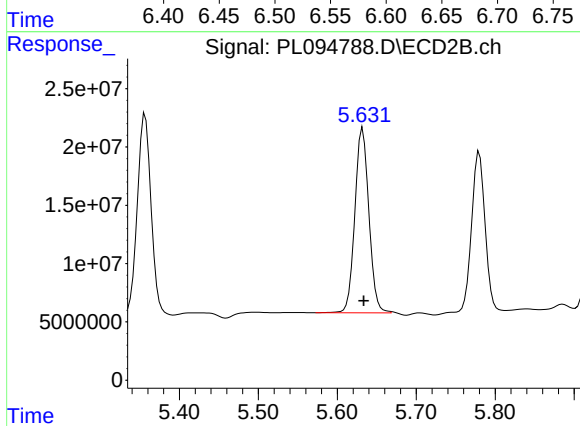
#13 Dieldrin

R.T.: 5.355 min
Delta R.T.: -0.003 min
Response: 208662884
Conc: 43.01 ng/ml m



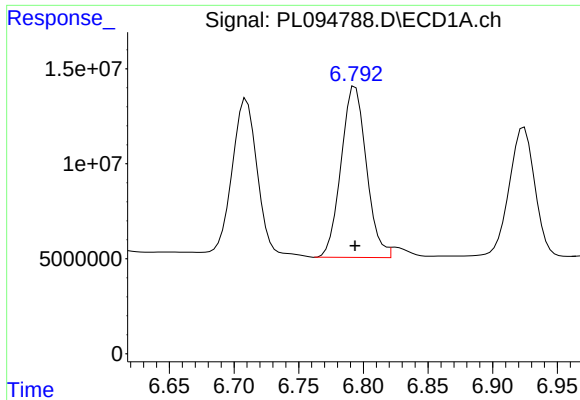
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.001 min
Response: 121433813
Conc: 43.81 ng/ml m



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.003 min
Response: 195938389
Conc: 44.90 ng/ml m



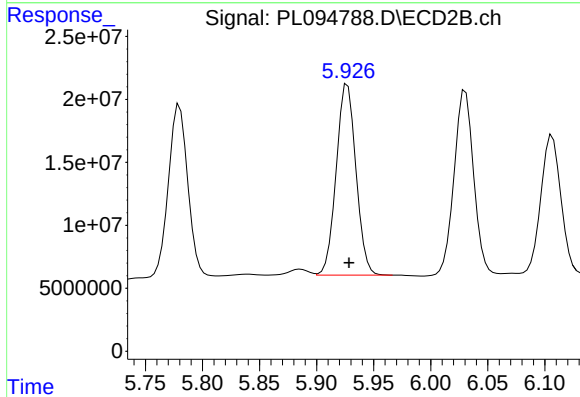
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: -0.001 min
Response: 123711332
Conc: 45.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251346MS

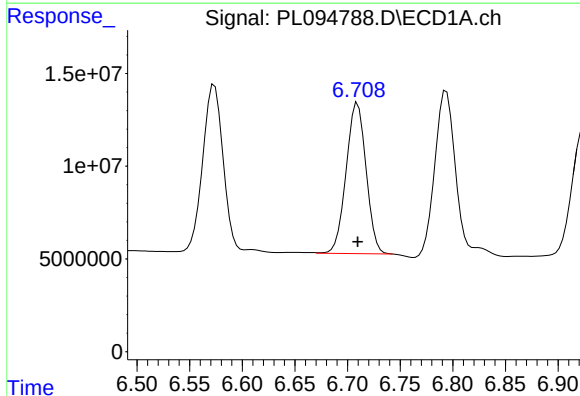
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/24/2025
Supervised By :mohammad ahmed 03/25/2025



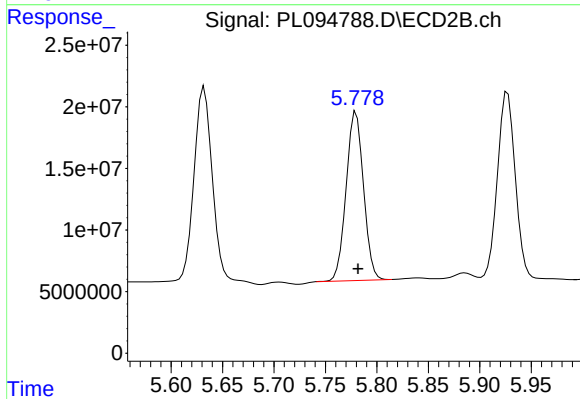
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.003 min
Response: 182840862
Conc: 42.24 ng/ml m



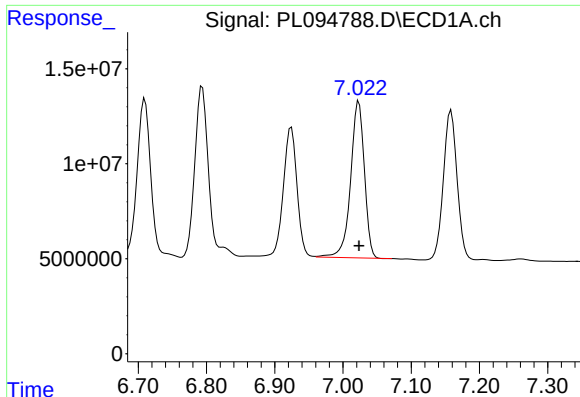
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 107625436
Conc: 49.69 ng/ml m



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 161249302
Conc: 44.84 ng/ml



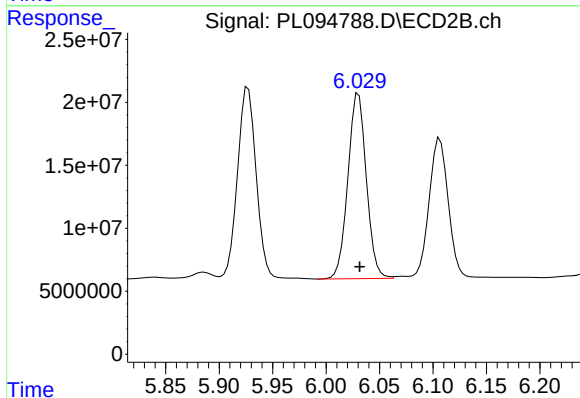
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 115499175
Conc: 48.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251346MS

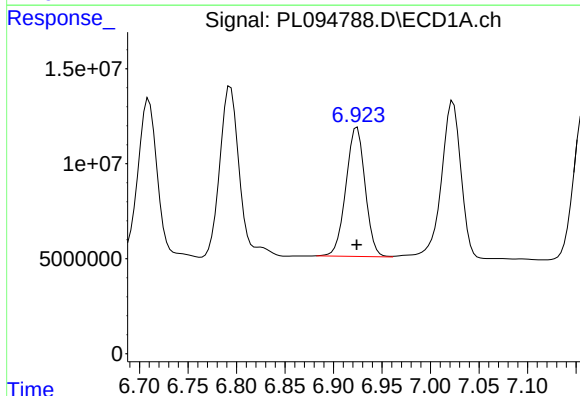
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/24/2025
Supervised By :mohammad ahmed 03/25/2025



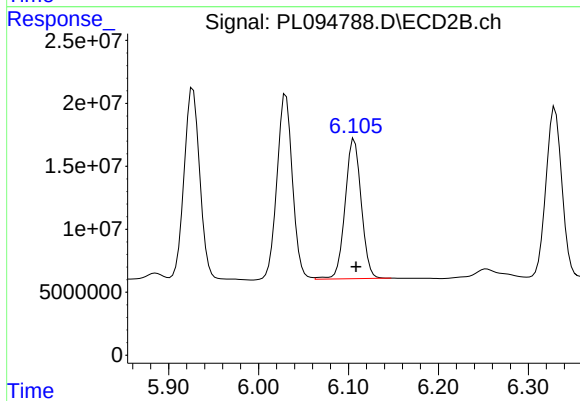
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.001 min
Response: 176773517
Conc: 43.84 ng/ml



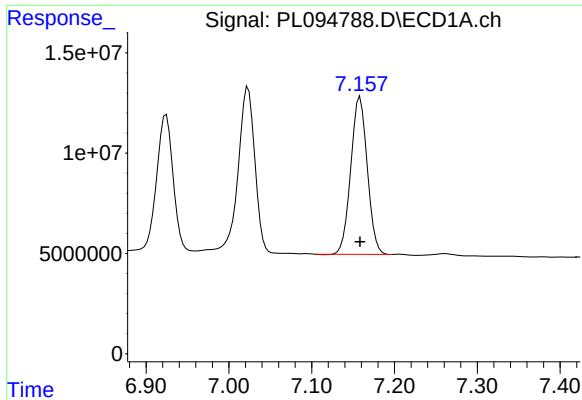
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 93581767
Conc: 44.33 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 138001131
Conc: 41.01 ng/ml



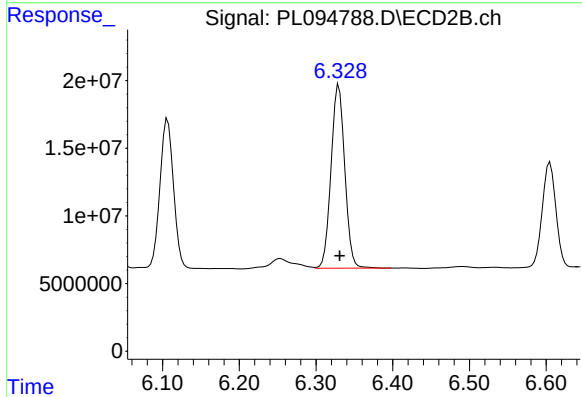
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 108764774
Conc: 44.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251346MS

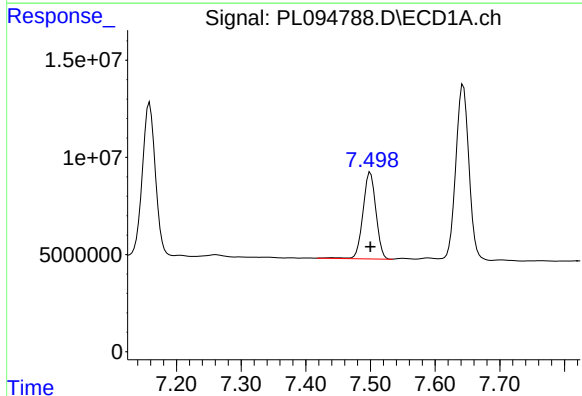
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/24/2025
Supervised By :mohammad ahmed 03/25/2025



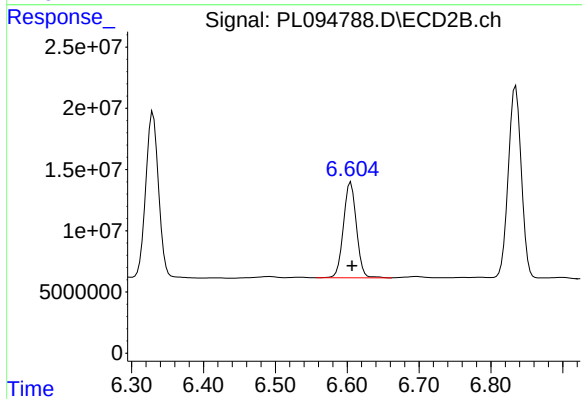
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: -0.001 min
Response: 168465862
Conc: 41.36 ng/ml



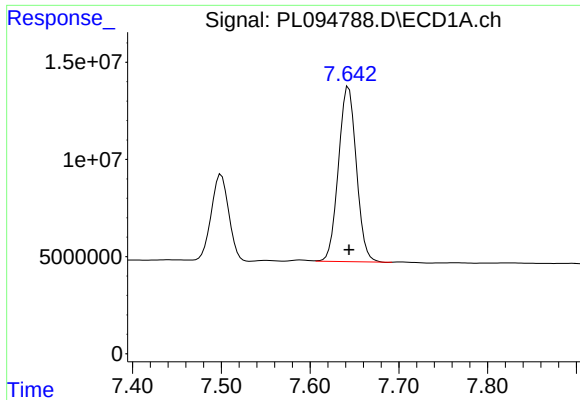
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 61843725
Conc: 51.66 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: -0.002 min
Response: 97895322
Conc: 46.15 ng/ml



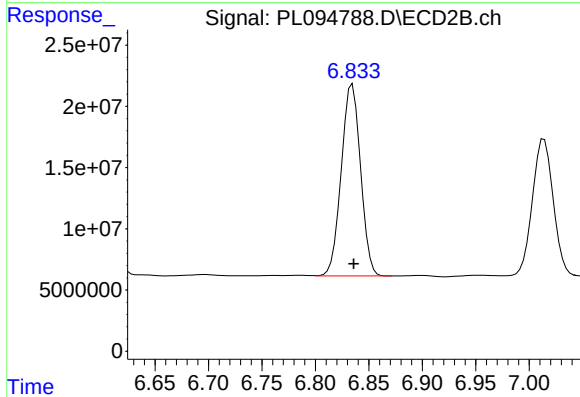
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 126200911
Conc: 47.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251346MS

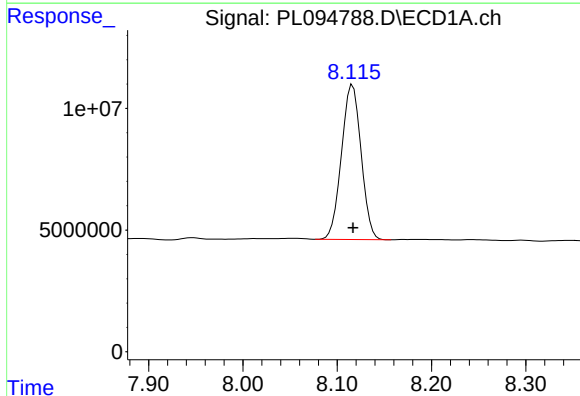
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/24/2025
Supervised By :mohammad ahmed 03/25/2025



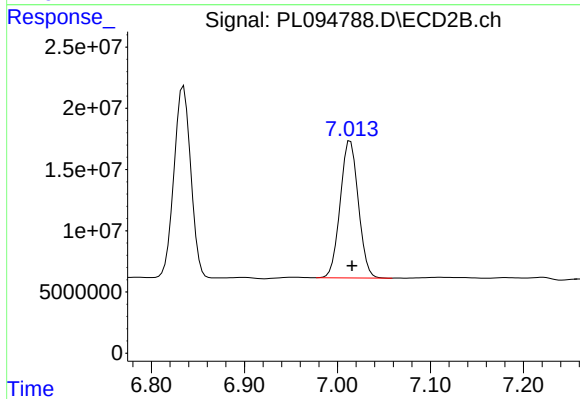
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: -0.001 min
Response: 196659860
Conc: 41.21 ng/ml



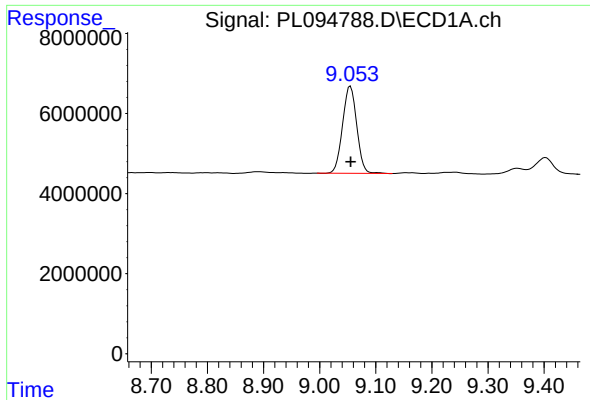
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 92026124
Conc: 44.54 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: -0.002 min
Response: 151554426
Conc: 39.93 ng/ml



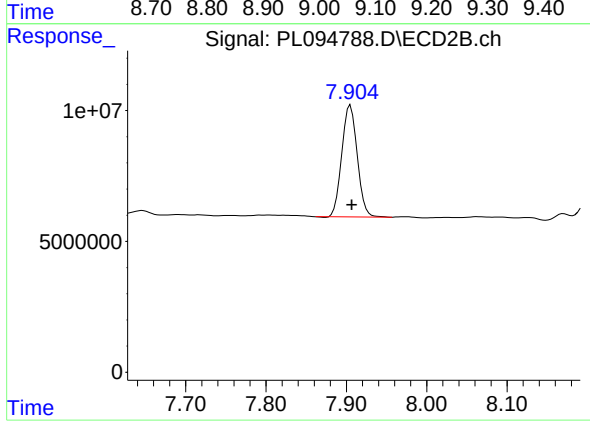
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 min
Response: 38171858
Conc: 18.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251346MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/24/2025
Supervised By :mohammad ahmed 03/25/2025



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: -0.002 min
Response: 57038168
Conc: 14.12 ng/ml