

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071625\
 Data File : PL096416.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2025 19:34
 Operator : AR\AJ
 Sample : Q2578-03MSDRE
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-A5-01-CMSDRE

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/17/2025
 Supervised By :mohammad ahmed 07/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 01:46:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 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...	3.538	2.830	68911321	114.6E6	18.885	19.860
28)	SA Decachlor...	9.020	7.994	61566889	108.5E6	21.886	21.754
Target Compounds							
2)	A alpha-BHC	3.985	3.335	287.5E6	514.1E6	55.900	60.954
3)	MA gamma-BHC...	4.312	3.667	279.8E6	476.0E6	56.185m	60.441
4)	MA Heptachlor	4.904	4.016	262.5E6	461.0E6	57.293m	60.595
5)	MB Aldrin	5.245	4.299	263.0E6	424.1E6	54.404m	58.134
6)	B beta-BHC	4.501	3.963	94113777	182.1E6	45.273	53.178
7)	B delta-BHC	4.745	4.196	270.4E6	476.6E6	60.330	61.883
8)	B Heptachlo...	5.665	4.801	255.8E6	408.4E6	61.656	61.094
9)	A Endosulfan I	6.047	5.172	238.4E6	342.2E6	59.054	47.693
10)	B gamma-Chl...	5.917	5.053	249.1E6	433.1E6	56.285m	61.701
11)	B alpha-Chl...	5.998	5.117	237.8E6	416.3E6	54.315m	55.360
12)	B 4,4'-DDE	6.170	5.306	206.7E6	390.9E6	55.751	60.476
13)	MA Dieldrin	6.319	5.435	237.9E6	471.3E6	56.261	69.117m
14)	MA Endrin	6.546	5.712	198.4E6	377.5E6	63.793	61.916
15)	B Endosulfa...	6.757	6.003	150.3E6	282.2E6	43.313m	48.124
16)	A 4,4'-DDD	6.678	5.859	169.9E6	341.8E6	58.364	66.642
17)	MA 4,4'-DDT	6.992	6.111	178.1E6	360.3E6	58.676	62.818
18)	B Endrin al...	6.887	6.181	151.9E6	282.0E6	67.965	63.311
19)	B Endosulfa...	7.120	6.405	172.7E6	346.8E6	56.450	61.656
20)	A Methoxychlor	7.464	6.683	92282629	181.6E6	58.577	59.766
21)	B Endrin ke...	7.600	6.909	180.4E6	388.6E6	54.648	62.154
22)	Mirex	8.080	7.099	147.7E6	276.9E6	53.095	55.740

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071625\
Data File : PL096416.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2025 19:34
Operator : AR\AJ
Sample : Q2578-03MSDRE
Misc :
ALS Vial : 22 Sample Multiplier: 1

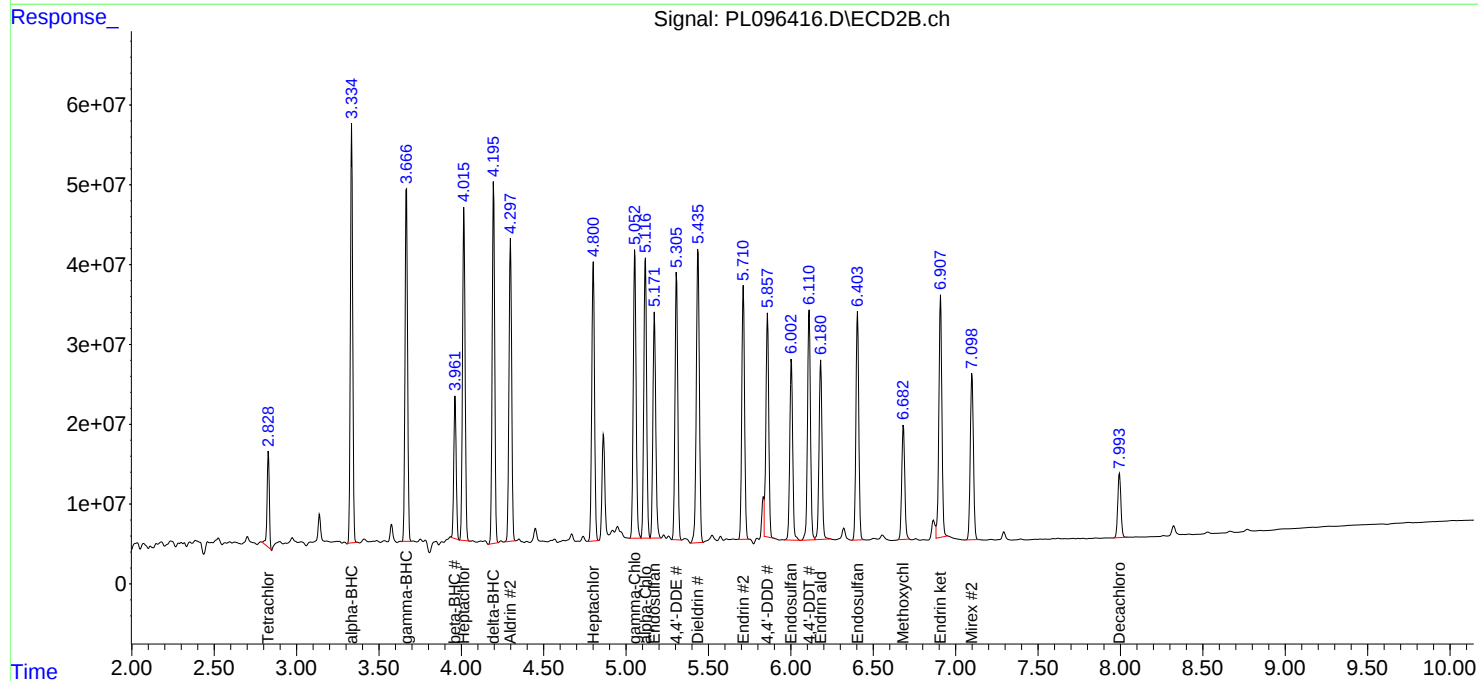
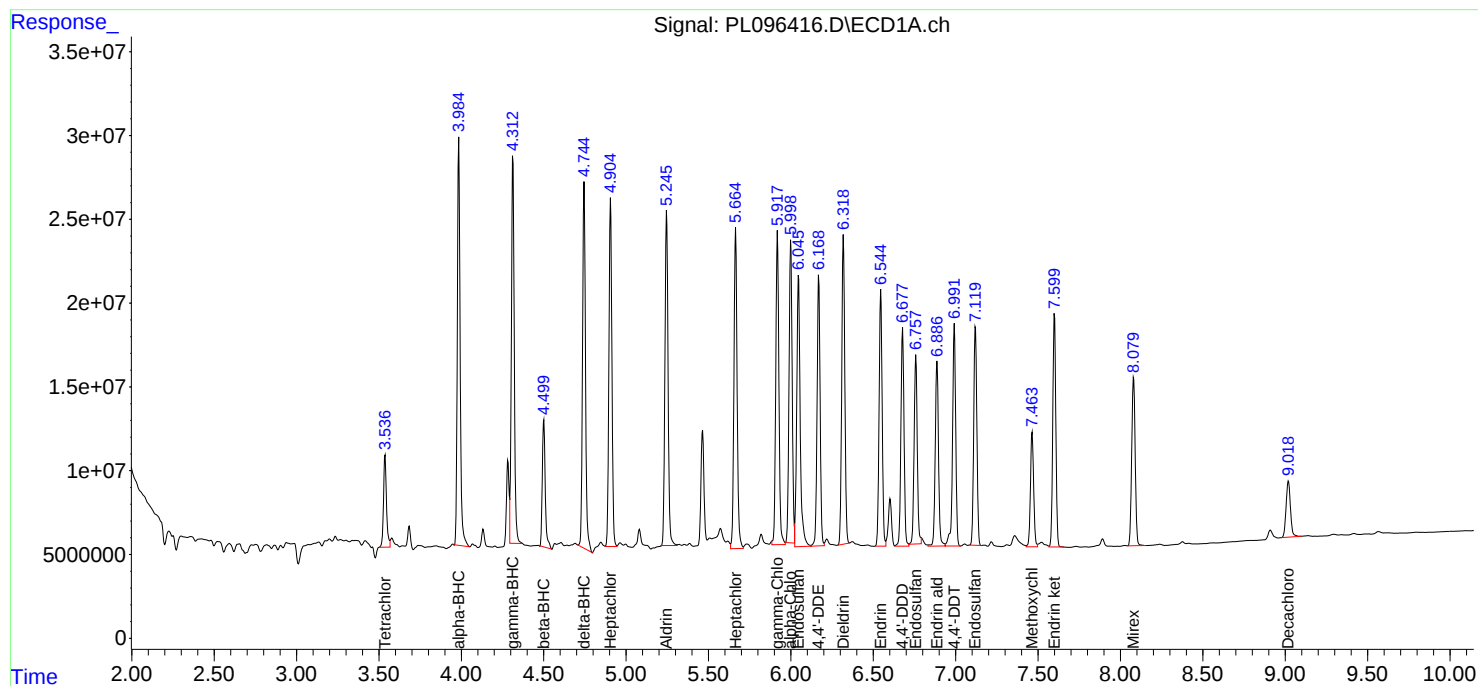
Instrument :
ECD_L
ClientSampleId :
WC-A5-01-CMSDRE

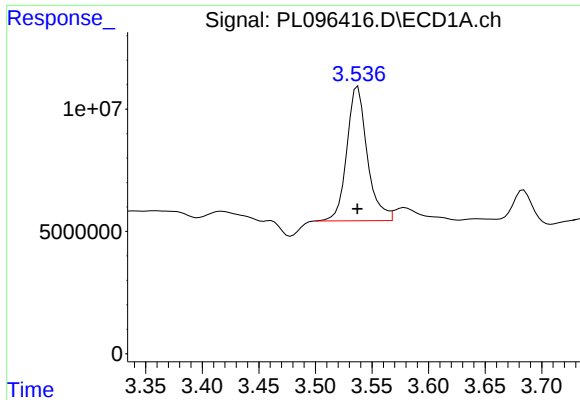
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/17/2025
Supervised By :mohammad ahmed 07/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 01:46:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 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





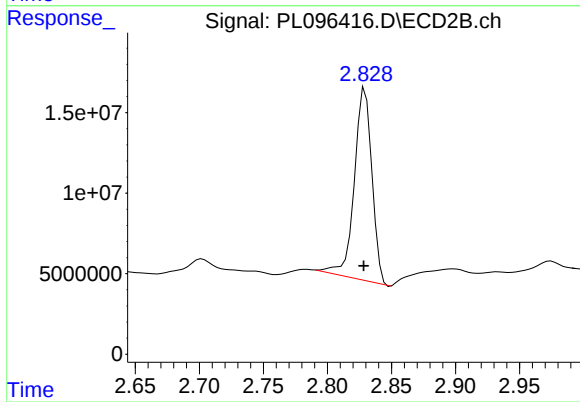
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 68911321
Conc: 18.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A5-01-CMSDRE

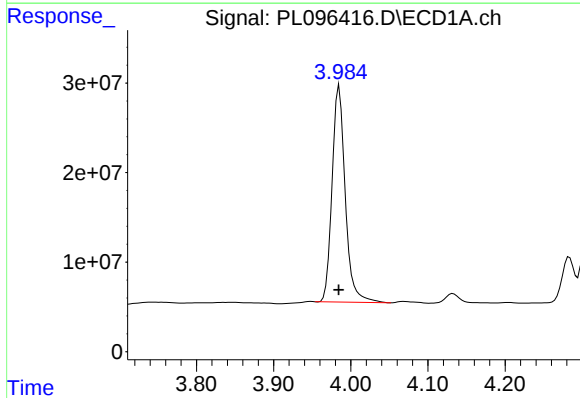
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/17/2025
Supervised By :mohammad ahmed 07/19/2025



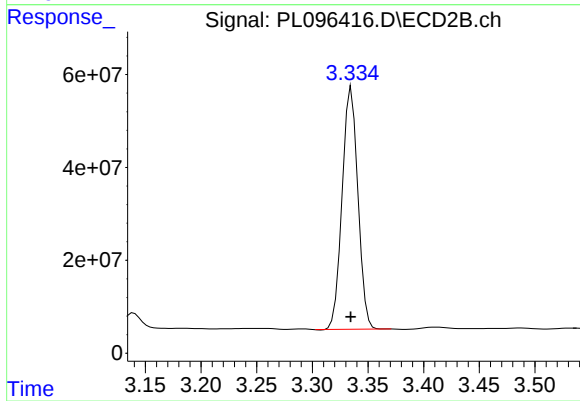
#1 Tetrachloro-m-xylene

R.T.: 2.830 min
Delta R.T.: 0.001 min
Response: 114614461
Conc: 19.86 ng/ml



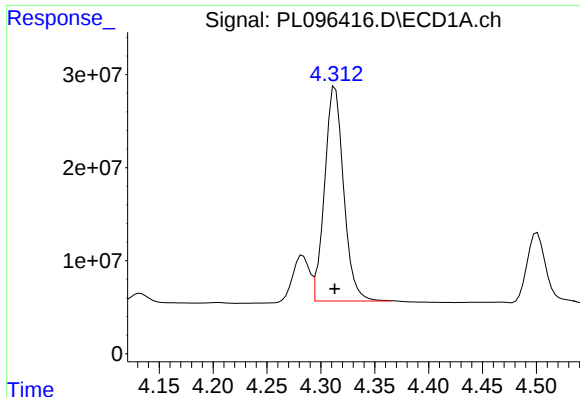
#2 alpha-BHC

R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 287500904
Conc: 55.90 ng/ml



#2 alpha-BHC

R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 514110293
Conc: 60.95 ng/ml



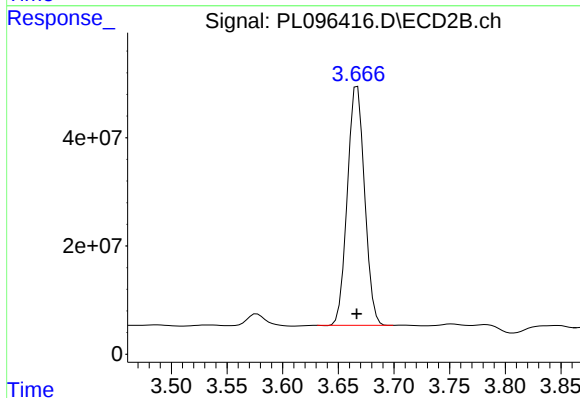
#3 gamma-BHC (Lindane)

R.T.: 4.312 min
Delta R.T.: -0.001 min
Response: 279779191
Conc: 56.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A5-01-CMSDRE

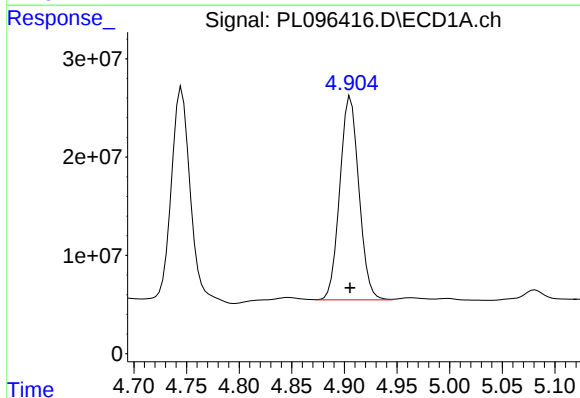
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/17/2025
Supervised By :mohammad ahmed 07/19/2025



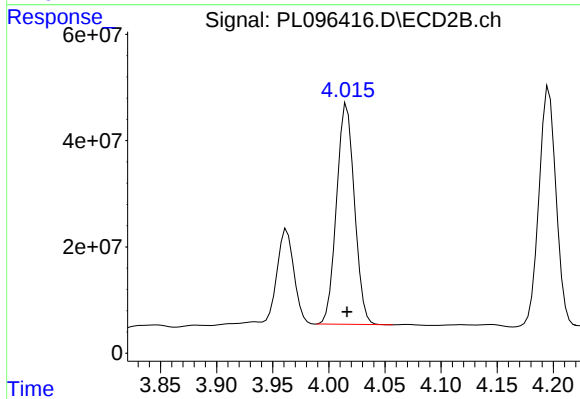
#3 gamma-BHC (Lindane)

R.T.: 3.667 min
Delta R.T.: 0.000 min
Response: 476022647
Conc: 60.44 ng/ml



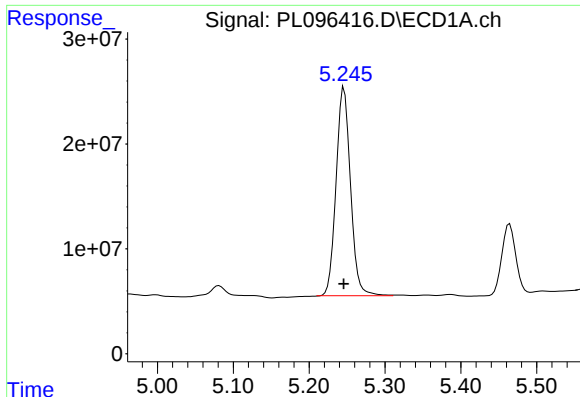
#4 Heptachlor

R.T.: 4.904 min
Delta R.T.: -0.001 min
Response: 262471055
Conc: 57.29 ng/ml m



#4 Heptachlor

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 460991541
Conc: 60.59 ng/ml



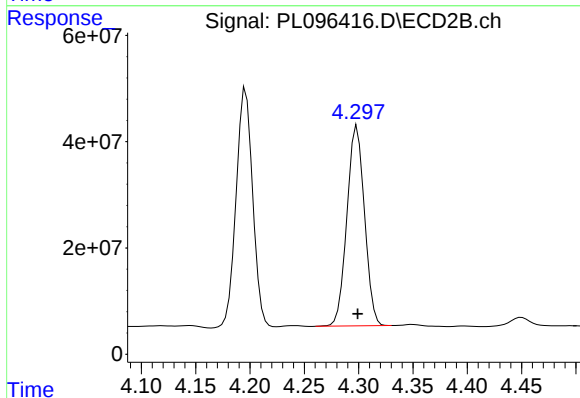
#5 Aldrin

R.T.: 5.245 min
Delta R.T.: -0.001 min
Response: 262972769
Conc: 54.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A5-01-CMSDRE

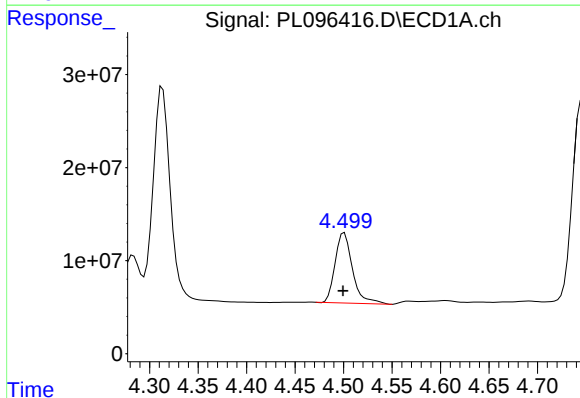
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/17/2025
Supervised By :mohammad ahmed 07/19/2025



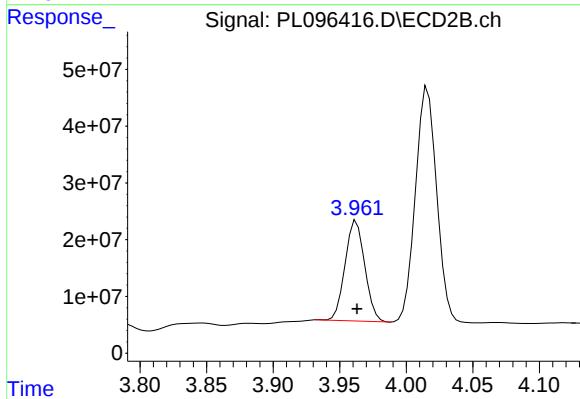
#5 Aldrin

R.T.: 4.299 min
Delta R.T.: 0.000 min
Response: 424122206
Conc: 58.13 ng/ml



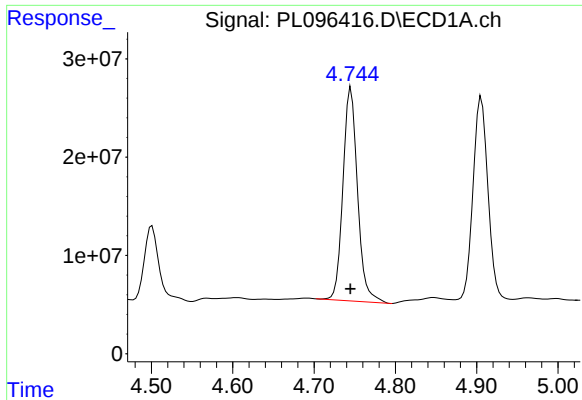
#6 beta-BHC

R.T.: 4.501 min
Delta R.T.: 0.001 min
Response: 94113777
Conc: 45.27 ng/ml



#6 beta-BHC

R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 182078256
Conc: 53.18 ng/ml



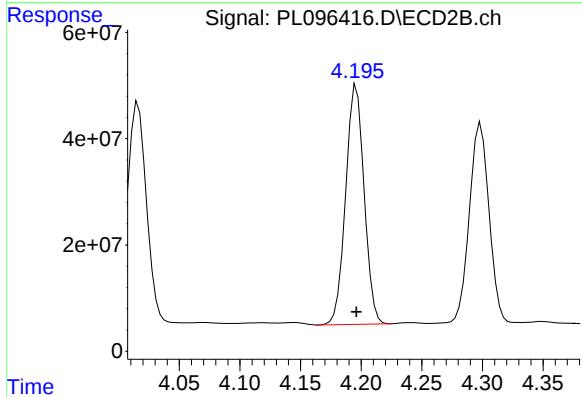
#7 delta-BHC

R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 270356564
Conc: 60.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A5-01-CMSDRE

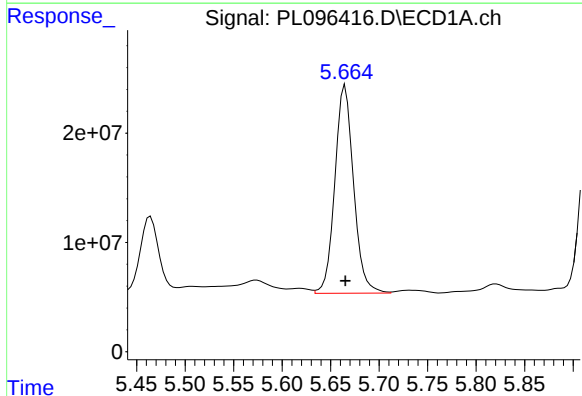
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/17/2025
Supervised By :mohammad ahmed 07/19/2025



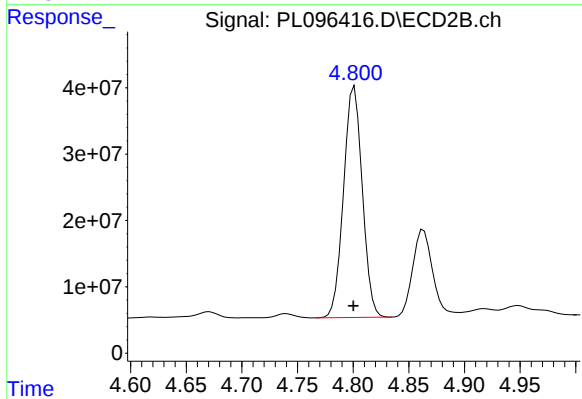
#7 delta-BHC

R.T.: 4.196 min
Delta R.T.: 0.000 min
Response: 476614632
Conc: 61.88 ng/ml



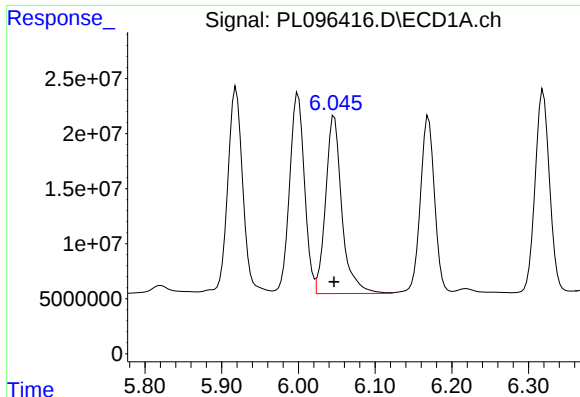
#8 Heptachlor epoxide

R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 255822433
Conc: 61.66 ng/ml



#8 Heptachlor epoxide

R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 408406719
Conc: 61.09 ng/ml



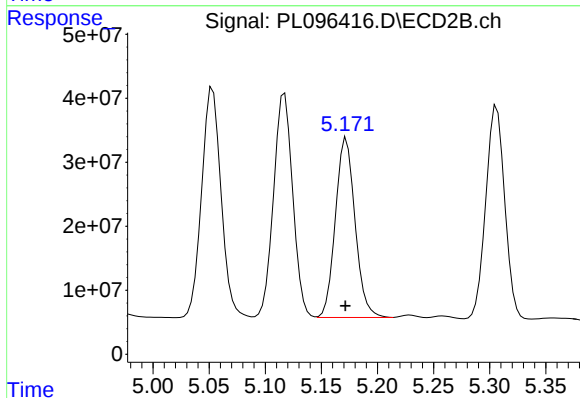
#9 Endosulfan I

R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 238416878
Conc: 59.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A5-01-CMSDRE

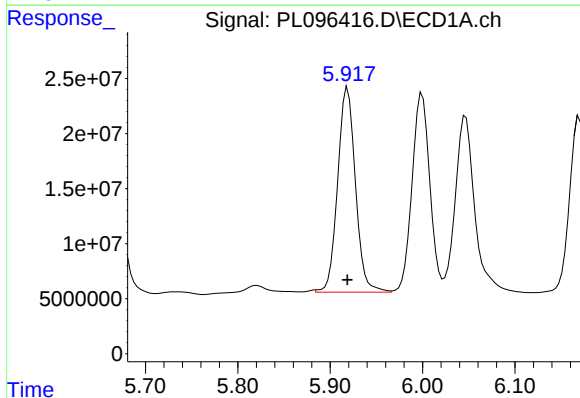
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/17/2025
Supervised By :mohammad ahmed 07/19/2025



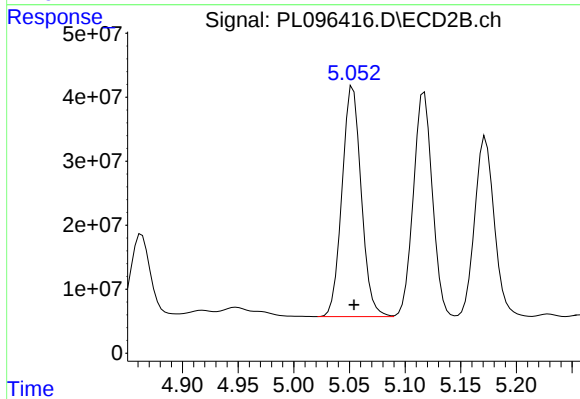
#9 Endosulfan I

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 342155445
Conc: 47.69 ng/ml



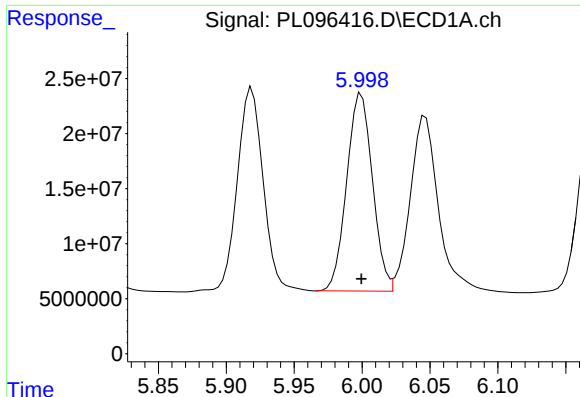
#10 gamma-Chlordane

R.T.: 5.917 min
Delta R.T.: -0.001 min
Response: 249050170
Conc: 56.29 ng/ml m



#10 gamma-Chlordane

R.T.: 5.053 min
Delta R.T.: 0.000 min
Response: 433122709
Conc: 61.70 ng/ml



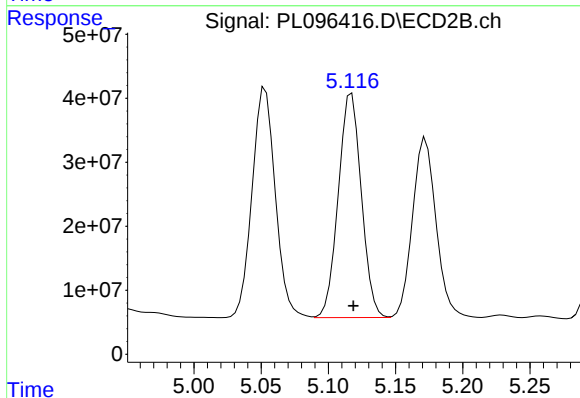
#11 alpha-Chlordane

R.T.: 5.998 min
Delta R.T.: -0.001 min
Response: 237837401
Conc: 54.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A5-01-CMSDRE

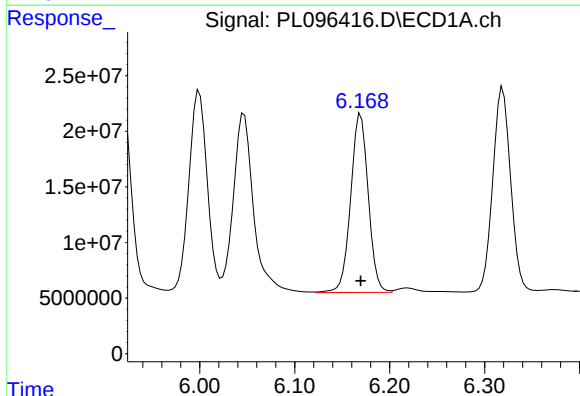
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/17/2025
Supervised By :mohammad ahmed 07/19/2025



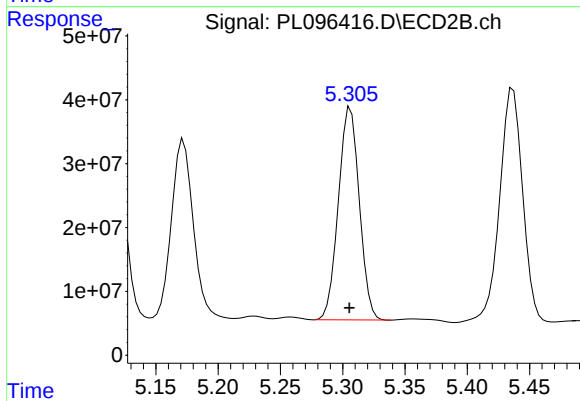
#11 alpha-Chlordane

R.T.: 5.117 min
Delta R.T.: -0.001 min
Response: 416323183
Conc: 55.36 ng/ml



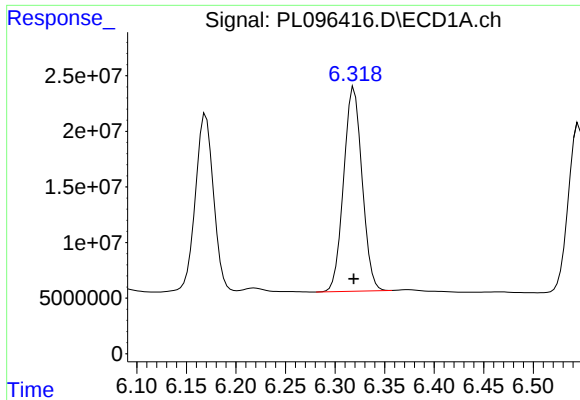
#12 4,4'-DDE

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 206694108
Conc: 55.75 ng/ml



#12 4,4'-DDE

R.T.: 5.306 min
Delta R.T.: 0.000 min
Response: 390900243
Conc: 60.48 ng/ml



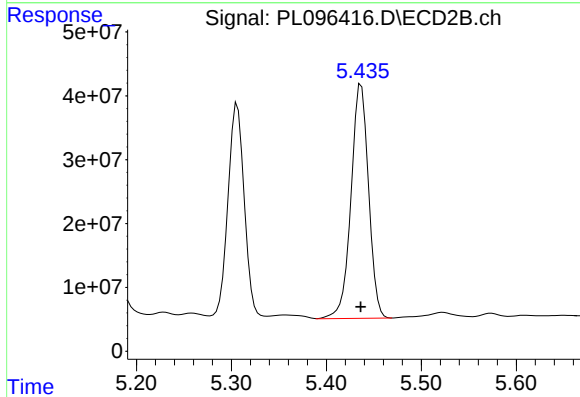
#13 Dieldrin

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 237893701
Conc: 56.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A5-01-CMSDRE

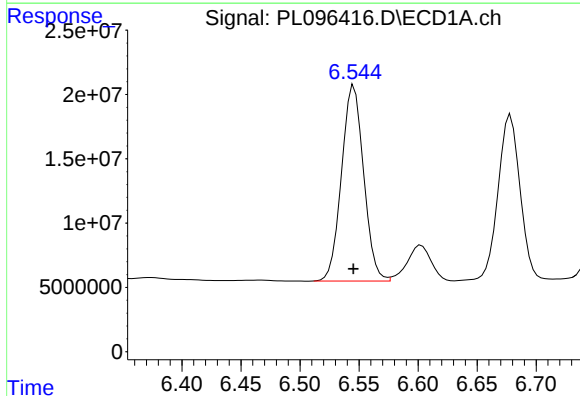
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/17/2025
Supervised By :mohammad ahmed 07/19/2025



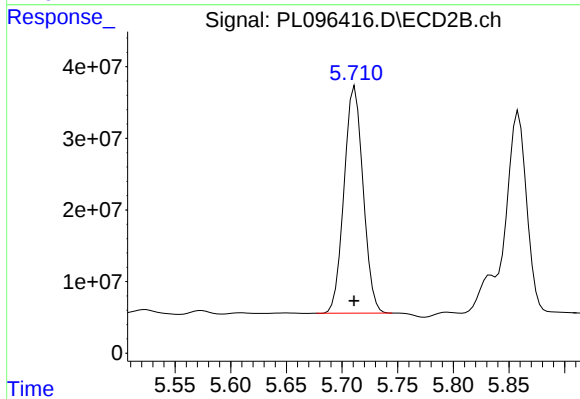
#13 Dieldrin

R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 471325624
Conc: 69.12 ng/ml m



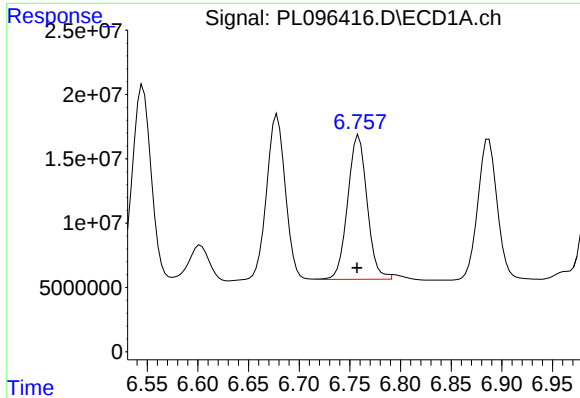
#14 Endrin

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 198408265
Conc: 63.79 ng/ml



#14 Endrin

R.T.: 5.712 min
Delta R.T.: 0.000 min
Response: 377473632
Conc: 61.92 ng/ml



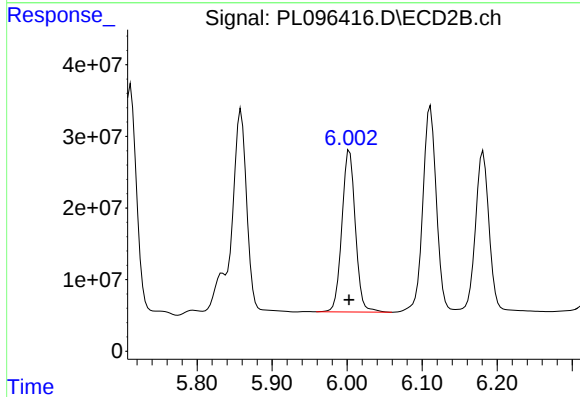
#15 Endosulfan II

R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 150296825
Conc: 43.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A5-01-CMSDRE

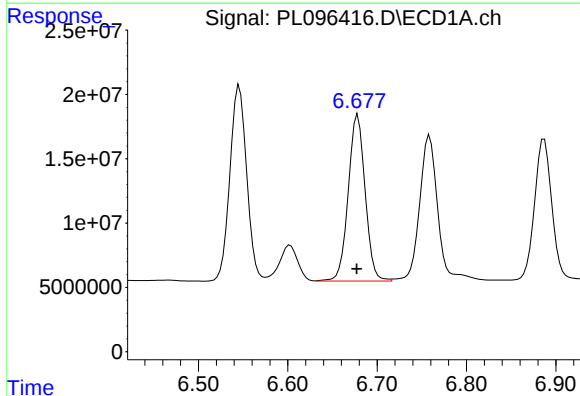
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/17/2025
Supervised By :mohammad ahmed 07/19/2025



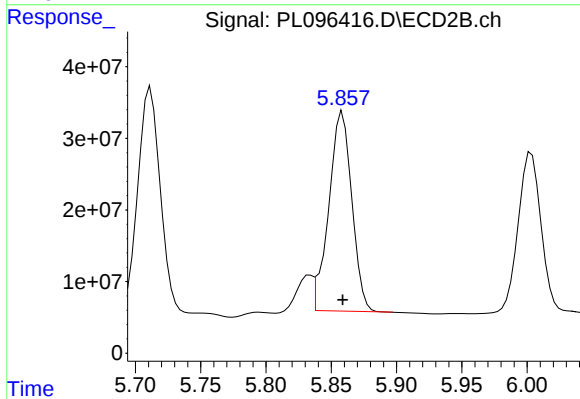
#15 Endosulfan II

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 282195735
Conc: 48.12 ng/ml



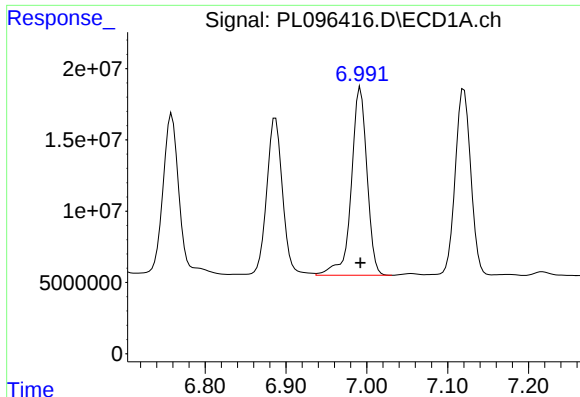
#16 4,4'-DDD

R.T.: 6.678 min
Delta R.T.: 0.001 min
Response: 169938240
Conc: 58.36 ng/ml



#16 4,4'-DDD

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 341787960
Conc: 66.64 ng/ml



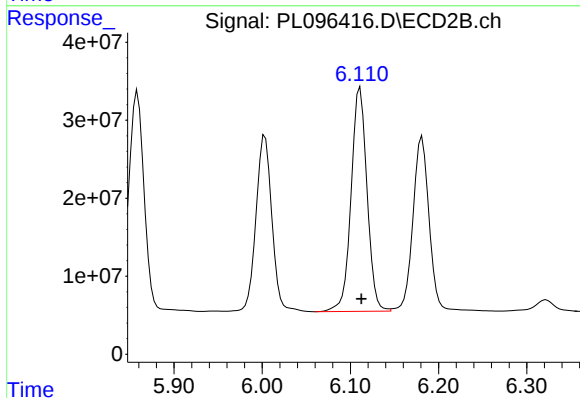
#17 4,4'-DDT

R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 178092533
Conc: 58.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A5-01-CMSDRE

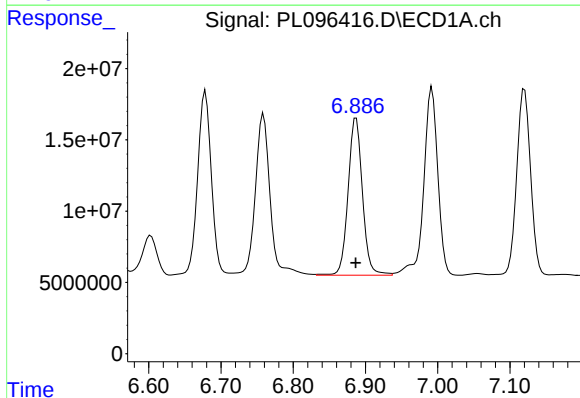
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/17/2025
Supervised By :mohammad ahmed 07/19/2025



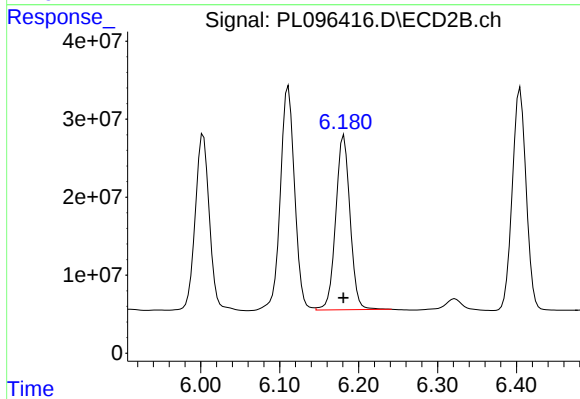
#17 4,4'-DDT

R.T.: 6.111 min
Delta R.T.: -0.002 min
Response: 360268913
Conc: 62.82 ng/ml



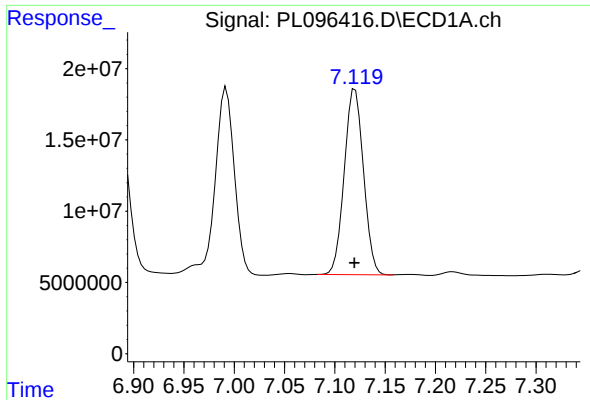
#18 Endrin aldehyde

R.T.: 6.887 min
Delta R.T.: 0.000 min
Response: 151938826
Conc: 67.96 ng/ml



#18 Endrin aldehyde

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 282025931
Conc: 63.31 ng/ml



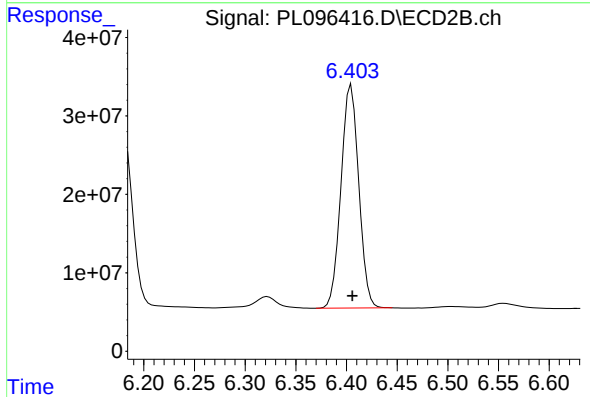
#19 Endosulfan Sulfate

R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 172670176
Conc: 56.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A5-01-CMSDRE

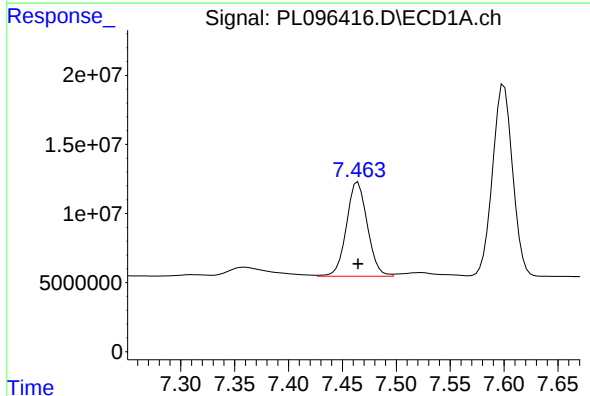
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/17/2025
Supervised By :mohammad ahmed 07/19/2025



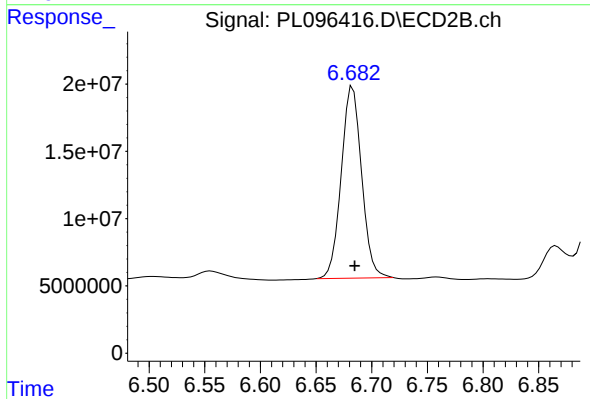
#19 Endosulfan Sulfate

R.T.: 6.405 min
Delta R.T.: 0.000 min
Response: 346776680
Conc: 61.66 ng/ml



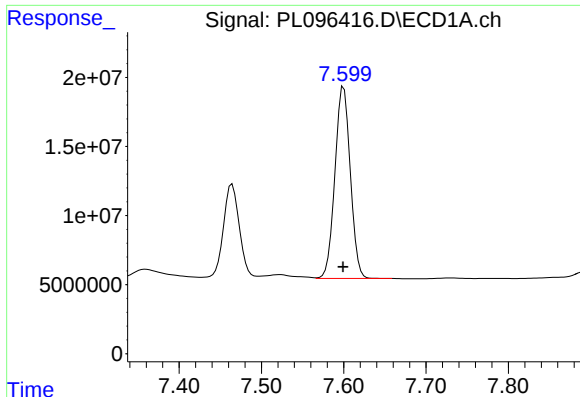
#20 Methoxychlor

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 92282629
Conc: 58.58 ng/ml



#20 Methoxychlor

R.T.: 6.683 min
Delta R.T.: -0.002 min
Response: 181555301
Conc: 59.77 ng/ml



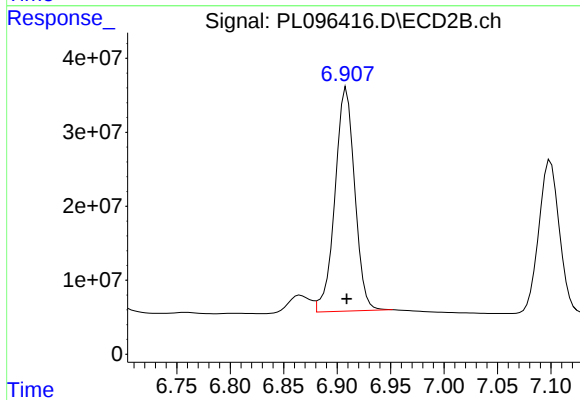
#21 Endrin ketone

R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 180428158
Conc: 54.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A5-01-CMSDRE

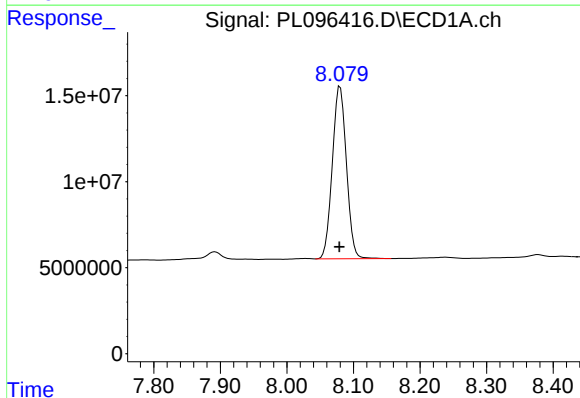
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/17/2025
Supervised By :mohammad ahmed 07/19/2025



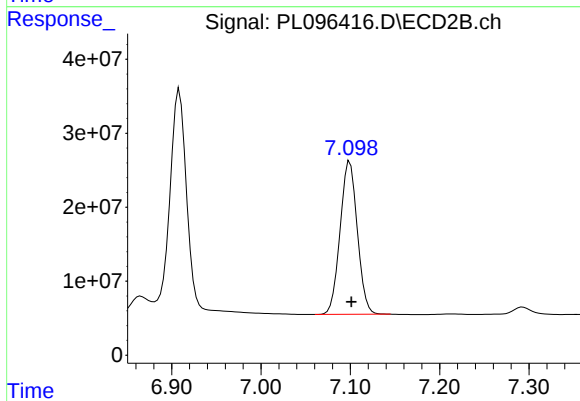
#21 Endrin ketone

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 388604201
Conc: 62.15 ng/ml



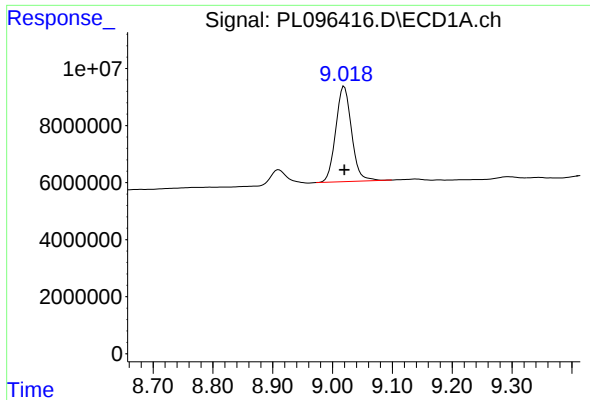
#22 Mirex

R.T.: 8.080 min
Delta R.T.: 0.001 min
Response: 147722756
Conc: 53.10 ng/ml



#22 Mirex

R.T.: 7.099 min
Delta R.T.: -0.002 min
Response: 276929037
Conc: 55.74 ng/ml



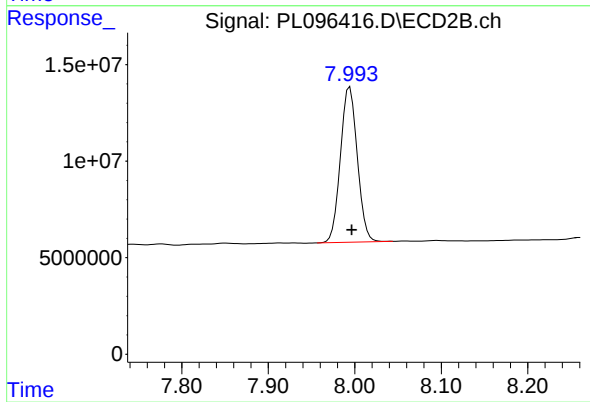
#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 61566889
Conc: 21.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A5-01-CMSDRE

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/17/2025
Supervised By :mohammad ahmed 07/19/2025



#28 Decachlorobiphenyl

R.T.: 7.994 min
Delta R.T.: -0.002 min
Response: 108475407
Conc: 21.75 ng/ml