

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071625\
 Data File : PL096415.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2025 19:20
 Operator : AR\AJ
 Sample : Q2578-03MSRE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

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 01:46:34 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	68163812	114.4E6	18.680	19.821
2)	SA Decachlor...	9.020	7.995	60677417	106.8E6	21.570	21.414
Target Compounds							
2)	A alpha-BHC	3.985	3.335	284.9E6	511.5E6	55.391	60.648
3)	MA gamma-BHC...	4.312	3.667	279.2E6	473.2E6	56.071m	60.084
4)	MA Heptachlor	4.904	4.016	259.9E6	457.6E6	56.727m	60.154
5)	MB Aldrin	5.244	4.299	261.4E6	420.4E6	54.087m	57.629
6)	B beta-BHC	4.501	3.963	92320609	181.6E6	44.411	53.031
7)	B delta-BHC	4.746	4.196	267.0E6	473.4E6	59.577	61.470
8)	B Heptachlo...	5.665	4.801	253.5E6	405.3E6	61.098	60.624
9)	A Endosulfan I	6.047	5.172	234.9E6	338.6E6	58.187	47.200
10)	B gamma-Chl...	5.917	5.053	245.4E6	428.1E6	55.465m	60.990
11)	B alpha-Chl...	5.998	5.117	235.2E6	411.2E6	53.708m	54.674
12)	B 4,4'-DDE	6.170	5.306	202.4E6	385.7E6	54.604	59.669
13)	MA Dieldrin	6.320	5.435	235.0E6	462.8E6	55.588	67.871m
14)	MA Endrin	6.546	5.711	194.6E6	376.9E6	62.562	61.829
15)	B Endosulfa...	6.757	6.003	146.4E6	277.8E6	42.189m	47.380
16)	A 4,4'-DDD	6.679	5.858	167.4E6	334.7E6	57.476	65.266
17)	MA 4,4'-DDT	6.992	6.111	173.9E6	353.3E6	57.307	61.594
18)	B Endrin al...	6.887	6.181	148.9E6	276.8E6	66.612	62.144
19)	B Endosulfa...	7.120	6.404	169.4E6	340.5E6	55.369	60.536
20)	A Methoxychlor	7.465	6.684	91973754	178.9E6	58.381	58.905
21)	B Endrin ke...	7.600	6.909	177.3E6	384.5E6	53.707	61.503
22)	Mirex	8.080	7.100	146.2E6	271.6E6	52.547	54.662

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071625\
Data File : PL096415.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2025 19:20
Operator : AR\AJ
Sample : Q2578-03MSRE
Misc :
ALS Vial : 21 Sample Multiplier: 1

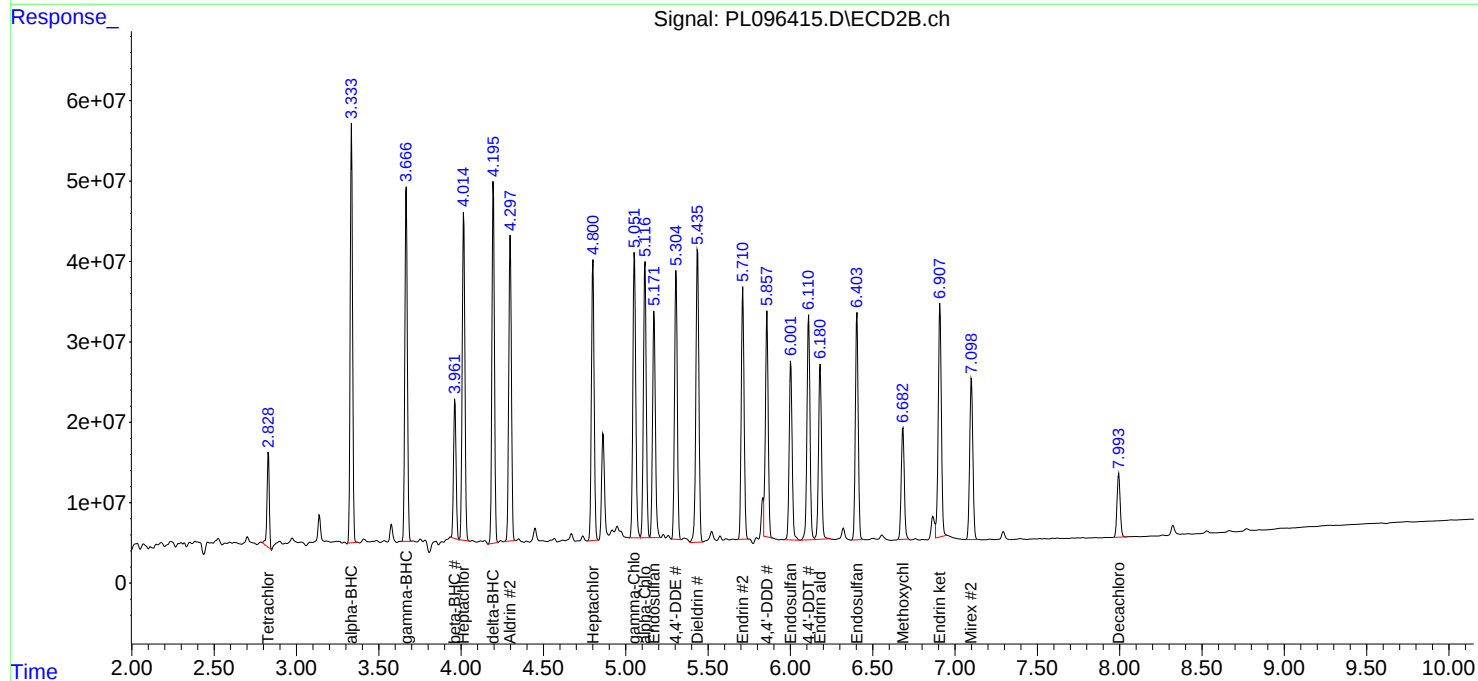
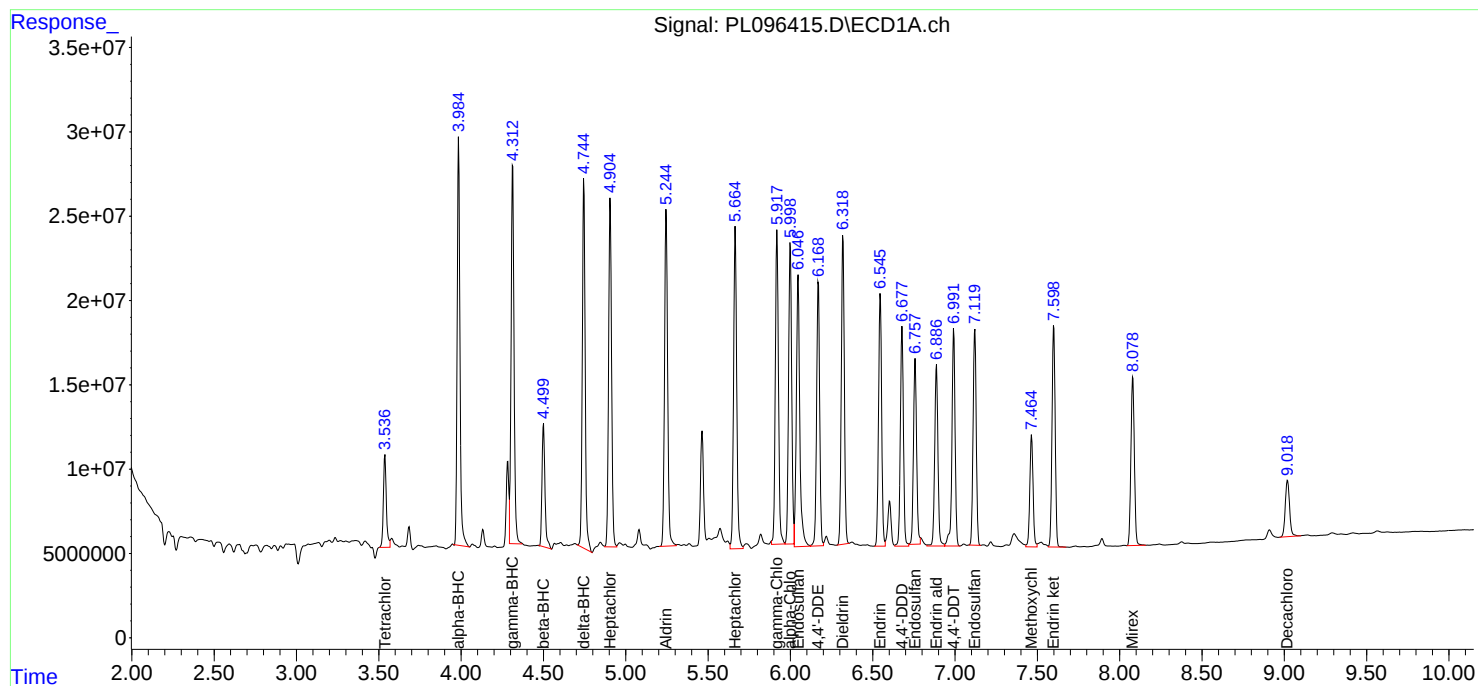
Instrument :
ECD_L
ClientSampleId :
WC-A5-01-CMSRE

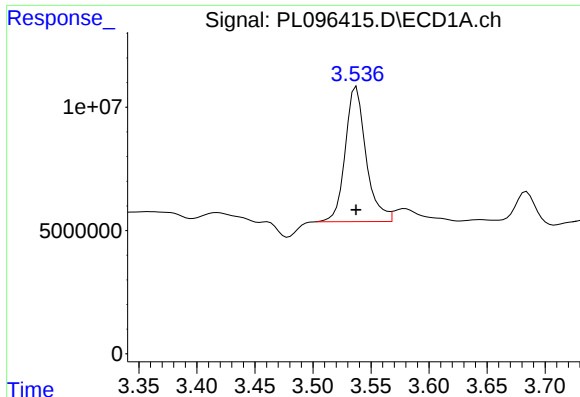
Manual Integrations
APPROVED

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 01:46:34 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





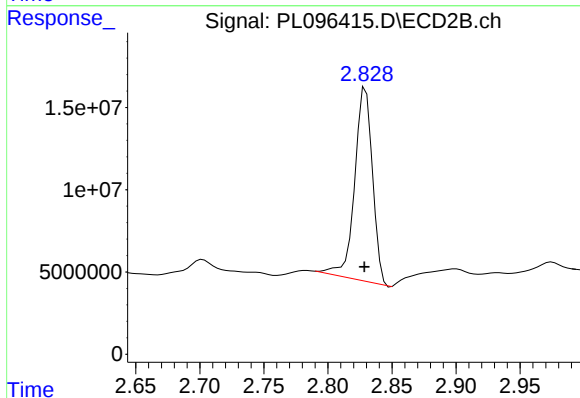
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 68163812
Conc: 18.68 ng/ml

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

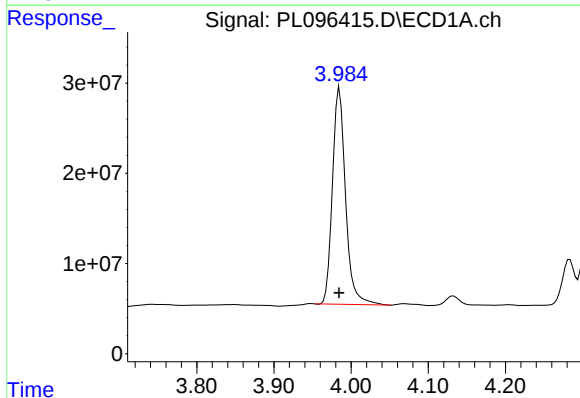
Manual Integrations
APPROVED

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



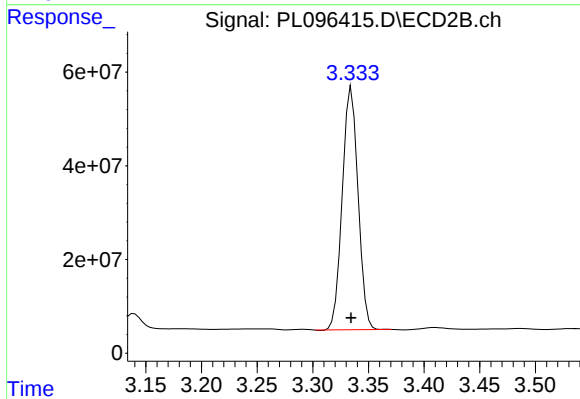
#1 Tetrachloro-m-xylene

R.T.: 2.830 min
Delta R.T.: 0.001 min
Response: 114391117
Conc: 19.82 ng/ml



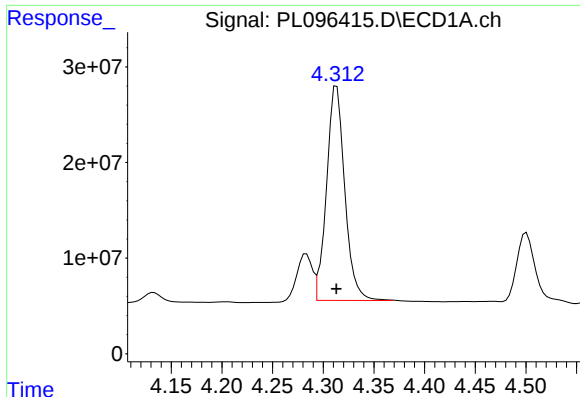
#2 alpha-BHC

R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 284884408
Conc: 55.39 ng/ml



#2 alpha-BHC

R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 511526896
Conc: 60.65 ng/ml



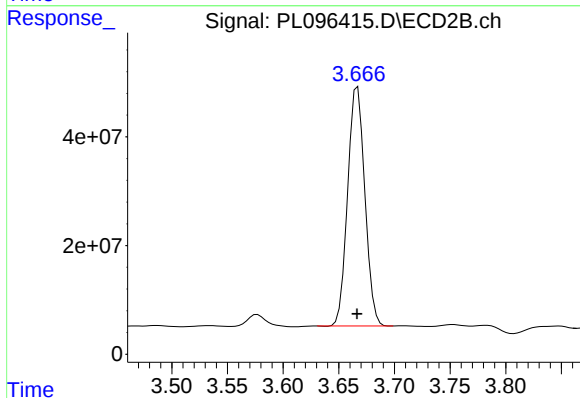
#3 gamma-BHC (Lindane)

R.T.: 4.312 min
Delta R.T.: -0.001 min
Response: 279216090
Conc: 56.07 ng/ml

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

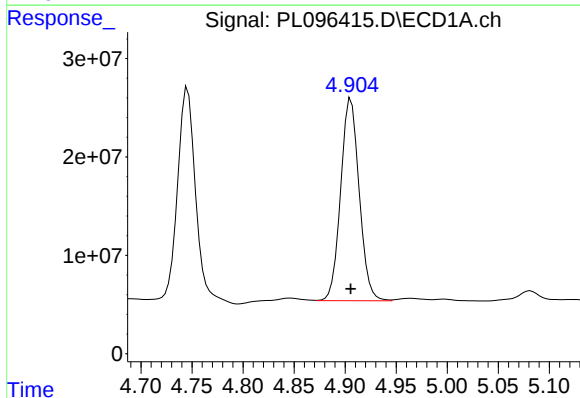
Manual Integrations
APPROVED

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



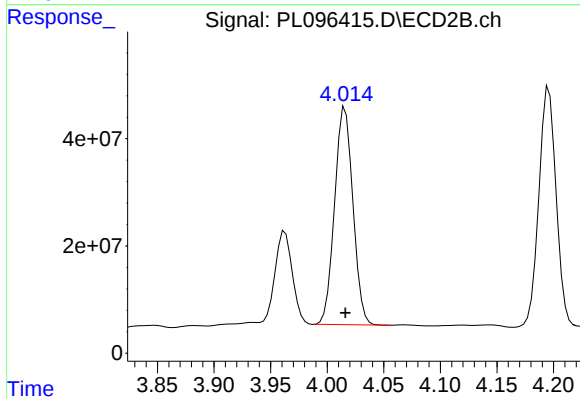
#3 gamma-BHC (Lindane)

R.T.: 3.667 min
Delta R.T.: 0.000 min
Response: 473214243
Conc: 60.08 ng/ml



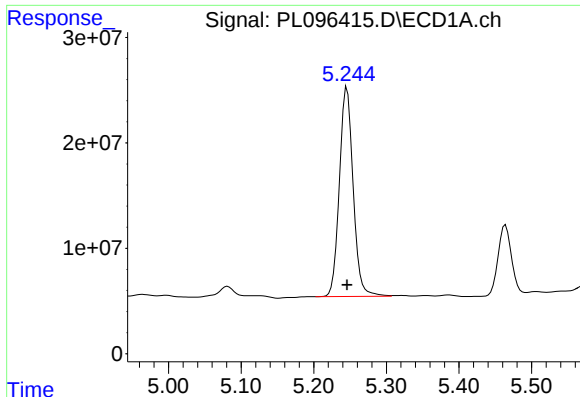
#4 Heptachlor

R.T.: 4.904 min
Delta R.T.: -0.001 min
Response: 259877824
Conc: 56.73 ng/ml m



#4 Heptachlor

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 457640624
Conc: 60.15 ng/ml



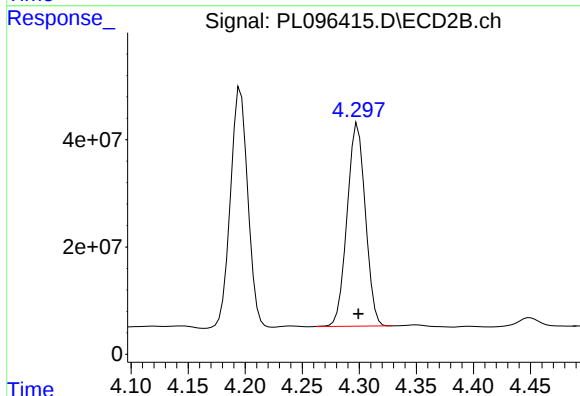
#5 Aldrin

R.T.: 5.244 min
Delta R.T.: -0.001 min
Response: 261441047
Conc: 54.09 ng/ml

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

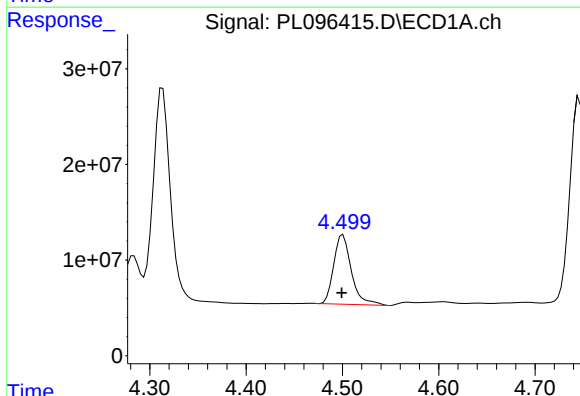
Manual Integrations
APPROVED

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



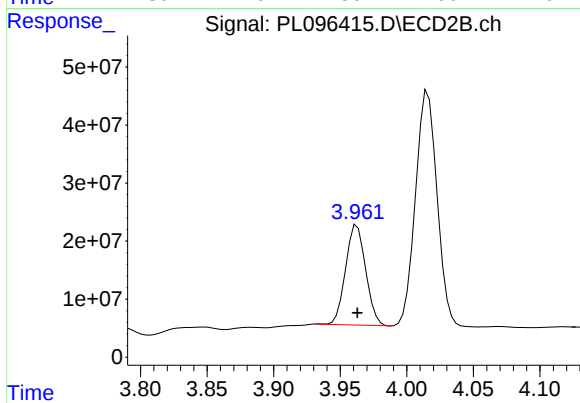
#5 Aldrin

R.T.: 4.299 min
Delta R.T.: 0.000 min
Response: 420441307
Conc: 57.63 ng/ml



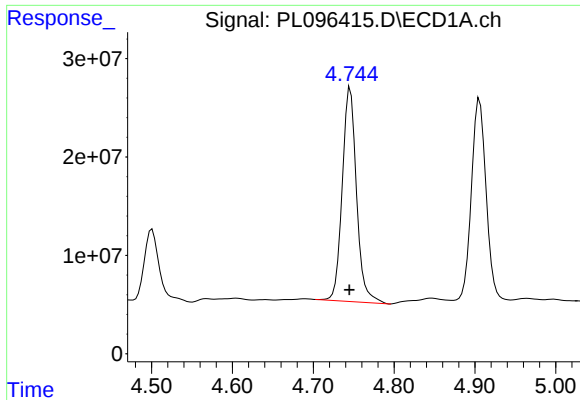
#6 beta-BHC

R.T.: 4.501 min
Delta R.T.: 0.001 min
Response: 92320609
Conc: 44.41 ng/ml



#6 beta-BHC

R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 181574903
Conc: 53.03 ng/ml



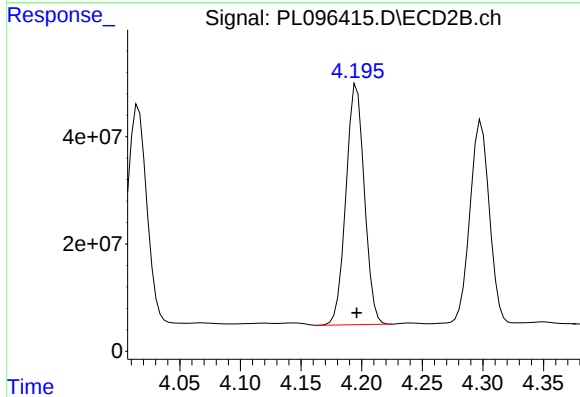
#7 delta-BHC

R.T.: 4.746 min
Delta R.T.: 0.001 min
Response: 266985772
Conc: 59.58 ng/ml

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

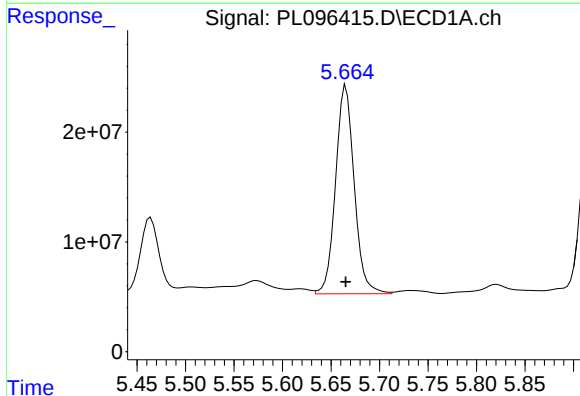
Manual Integrations
APPROVED

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



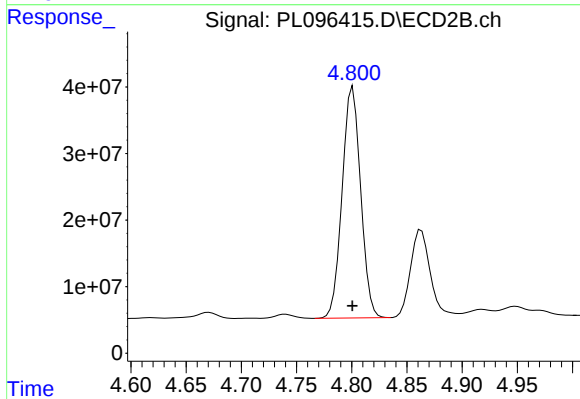
#7 delta-BHC

R.T.: 4.196 min
Delta R.T.: 0.000 min
Response: 473438888
Conc: 61.47 ng/ml



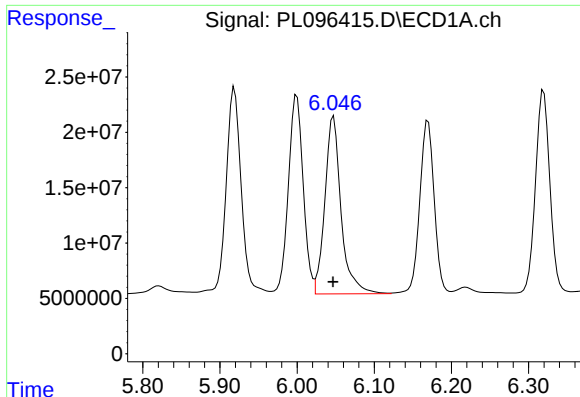
#8 Heptachlor epoxide

R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 253503219
Conc: 61.10 ng/ml



#8 Heptachlor epoxide

R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 405262353
Conc: 60.62 ng/ml



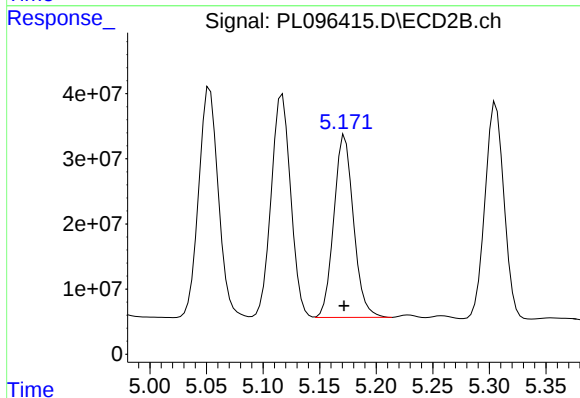
#9 Endosulfan I

R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 234915187
Conc: 58.19 ng/ml

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

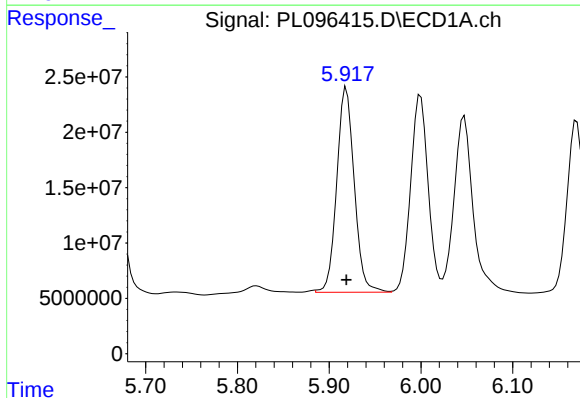
Manual Integrations
APPROVED

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



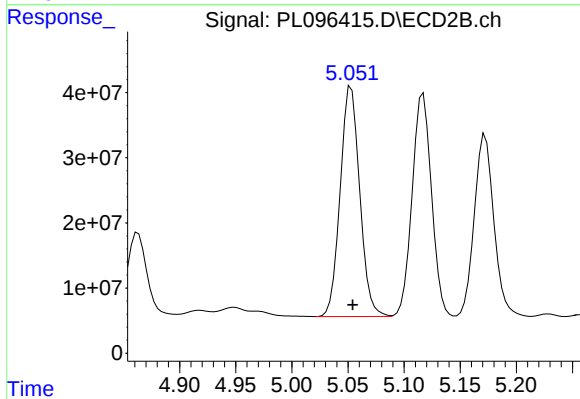
#9 Endosulfan I

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 338616481
Conc: 47.20 ng/ml



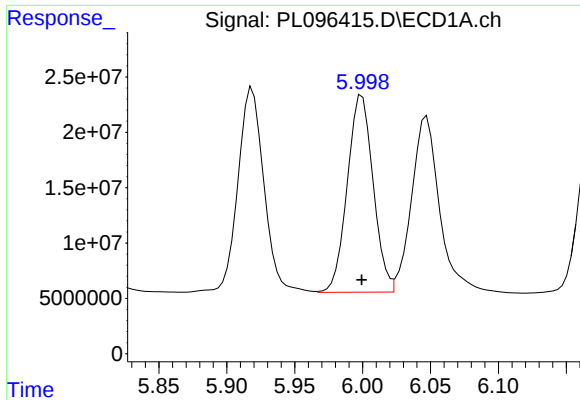
#10 gamma-Chlordane

R.T.: 5.917 min
Delta R.T.: -0.001 min
Response: 245423541
Conc: 55.47 ng/ml m



#10 gamma-Chlordane

R.T.: 5.053 min
Delta R.T.: -0.001 min
Response: 428129081
Conc: 60.99 ng/ml



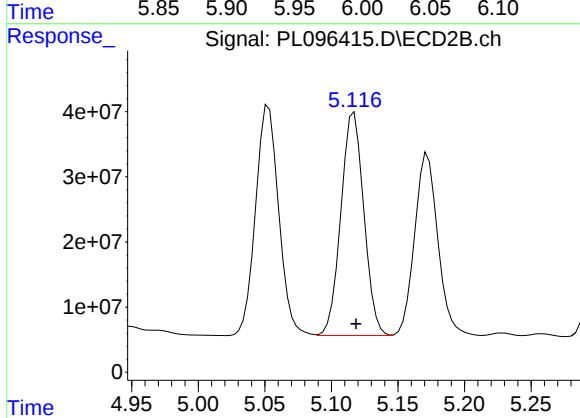
#11 alpha-Chlordane

R.T.: 5.998 min
Delta R.T.: -0.001 min
Response: 235180509
Conc: 53.71 ng/ml

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

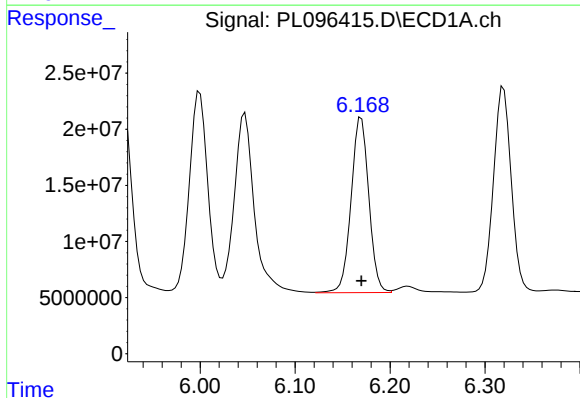
Manual Integrations
APPROVED

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



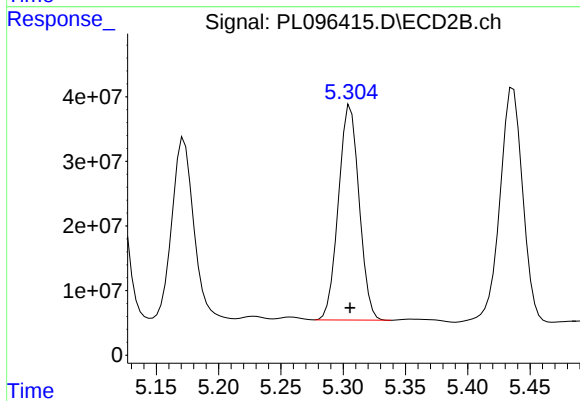
#11 alpha-Chlordane

R.T.: 5.117 min
Delta R.T.: -0.002 min
Response: 411164679
Conc: 54.67 ng/ml



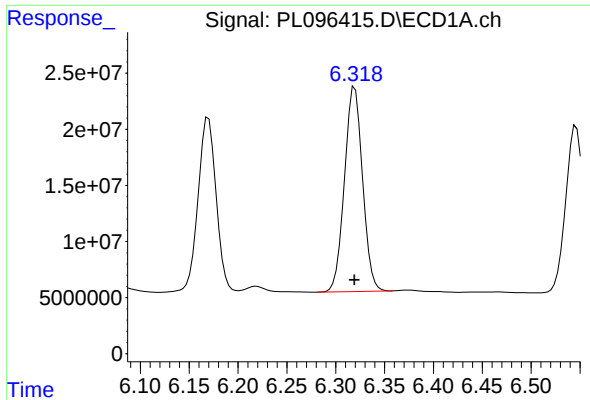
#12 4,4'-DDE

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 202442546
Conc: 54.60 ng/ml



#12 4,4'-DDE

R.T.: 5.306 min
Delta R.T.: 0.000 min
Response: 385683813
Conc: 59.67 ng/ml



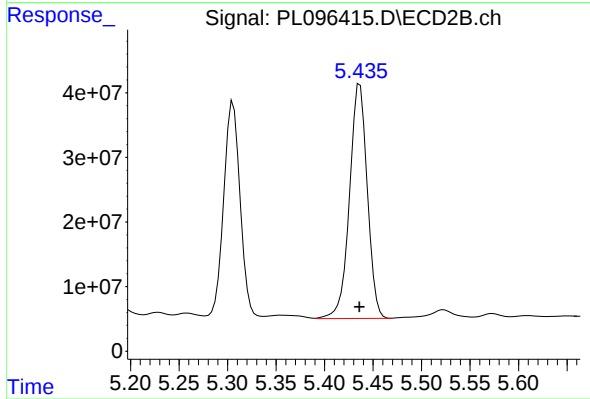
#13 Dieldrin

R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 235046905
Conc: 55.59 ng/ml

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

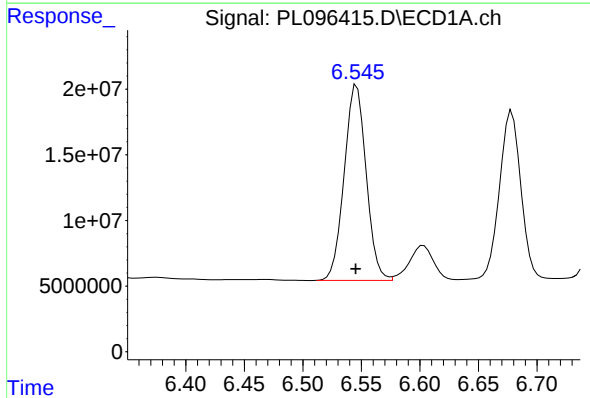
Manual Integrations
APPROVED

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



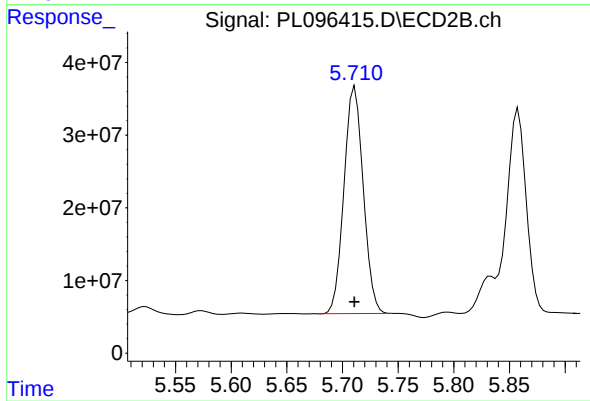
#13 Dieldrin

R.T.: 5.435 min
Delta R.T.: -0.001 min
Response: 462826374
Conc: 67.87 ng/ml m



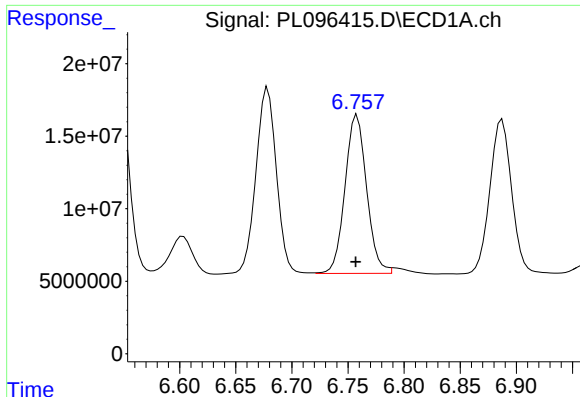
#14 Endrin

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 194582495
Conc: 62.56 ng/ml



#14 Endrin

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 376938352
Conc: 61.83 ng/ml



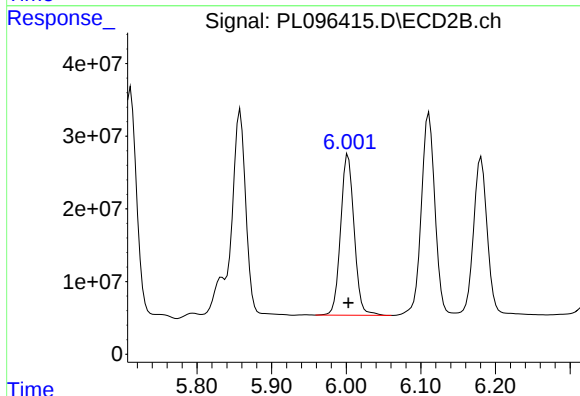
#15 Endosulfan II

R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 146397386
Conc: 42.19 ng/ml

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

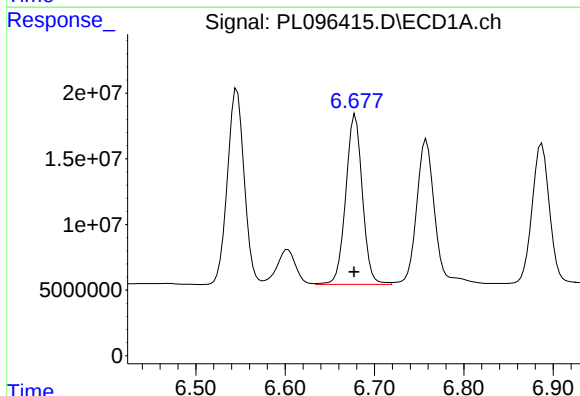
Manual Integrations
APPROVED

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



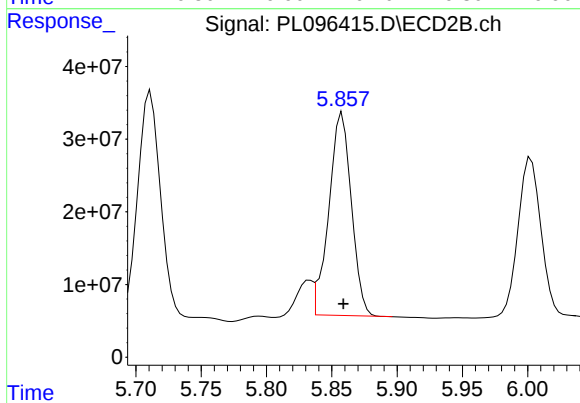
#15 Endosulfan II

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 277830067
Conc: 47.38 ng/ml



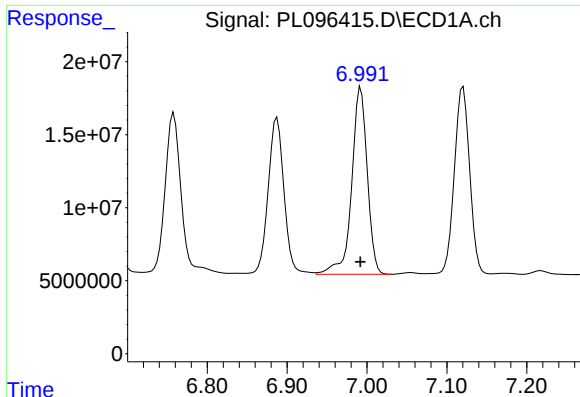
#16 4,4'-DDD

R.T.: 6.679 min
Delta R.T.: 0.001 min
Response: 167352821
Conc: 57.48 ng/ml



#16 4,4'-DDD

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 334727553
Conc: 65.27 ng/ml



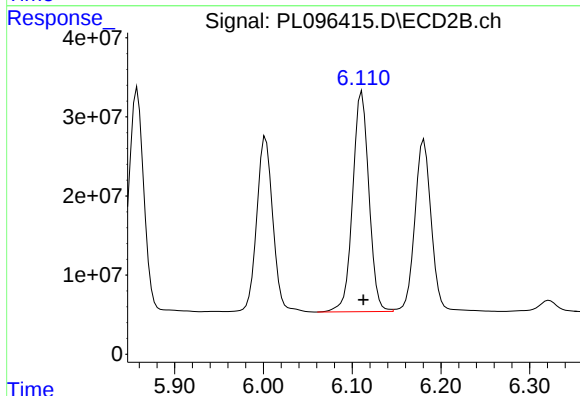
#17 4,4'-DDT

R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 173939905
Conc: 57.31 ng/ml

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

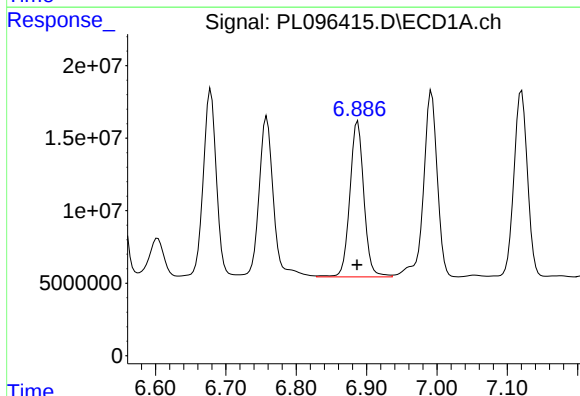
Manual Integrations
APPROVED

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



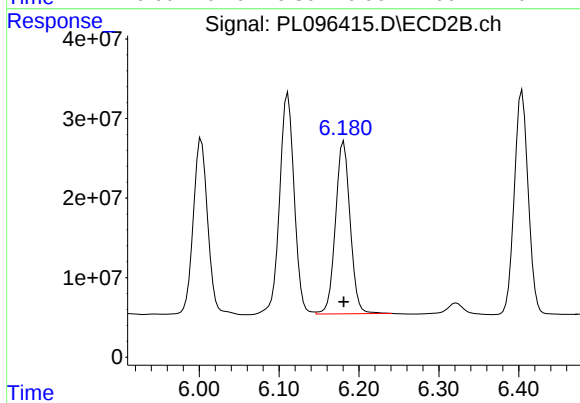
#17 4,4'-DDT

R.T.: 6.111 min
Delta R.T.: -0.002 min
Response: 353252468
Conc: 61.59 ng/ml



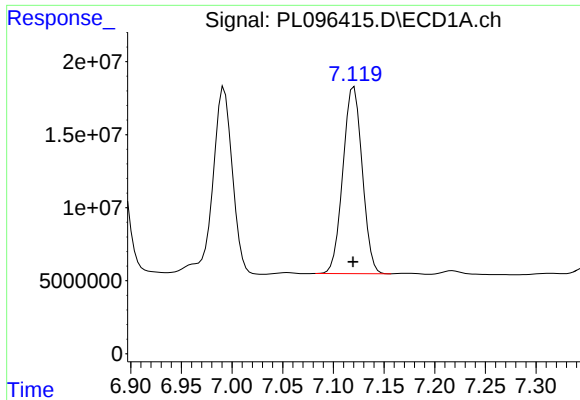
#18 Endrin aldehyde

R.T.: 6.887 min
Delta R.T.: 0.001 min
Response: 148913796
Conc: 66.61 ng/ml



#18 Endrin aldehyde

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 276829151
Conc: 62.14 ng/ml



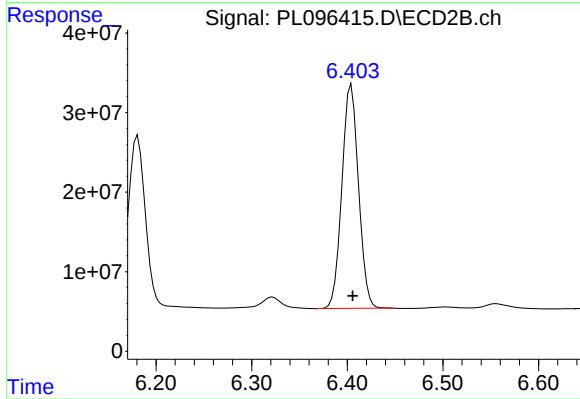
#19 Endosulfan Sulfate

R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 169363500
Conc: 55.37 ng/ml

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

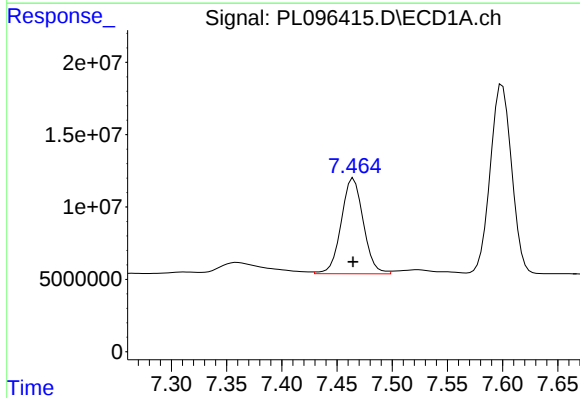
Manual Integrations
APPROVED

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



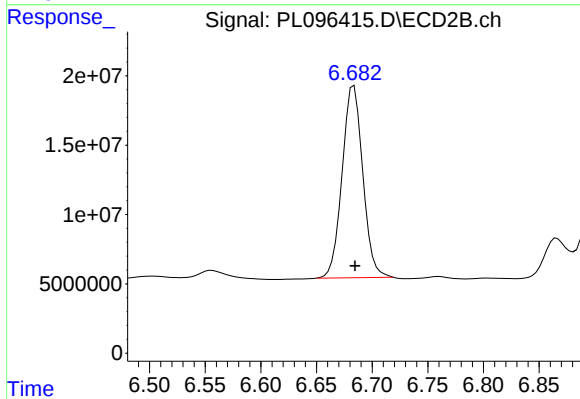
#19 Endosulfan Sulfate

R.T.: 6.404 min
Delta R.T.: -0.001 min
Response: 340477277
Conc: 60.54 ng/ml



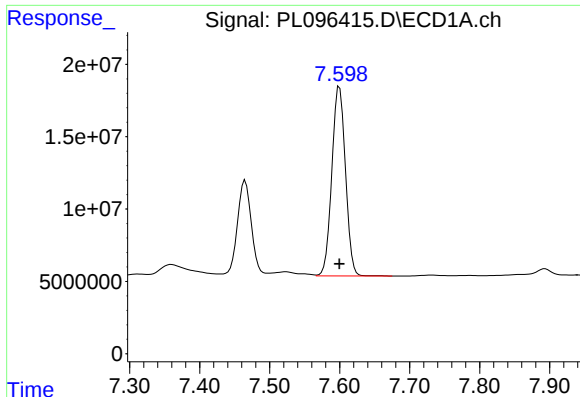
#20 Methoxychlor

R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 91973754
Conc: 58.38 ng/ml



#20 Methoxychlor

R.T.: 6.684 min
Delta R.T.: -0.001 min
Response: 178938676
Conc: 58.90 ng/ml



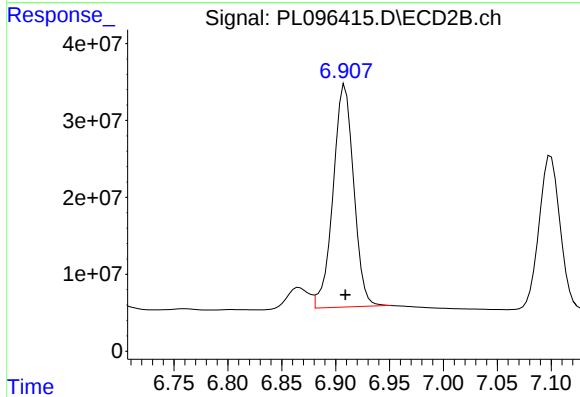
#21 Endrin ketone

R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 177320642
Conc: 53.71 ng/ml

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

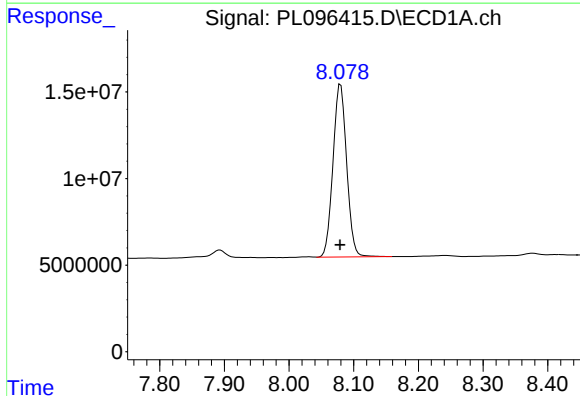
Manual Integrations
APPROVED

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



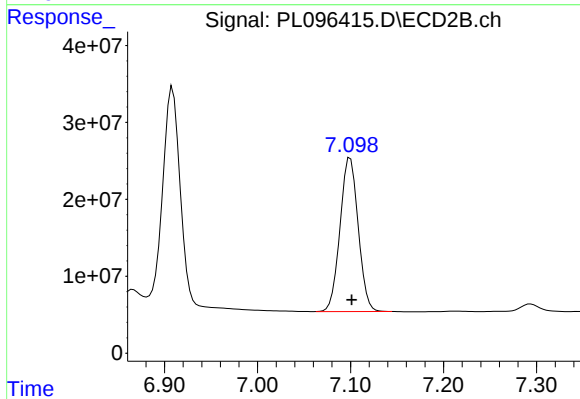
#21 Endrin ketone

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 384530666
Conc: 61.50 ng/ml



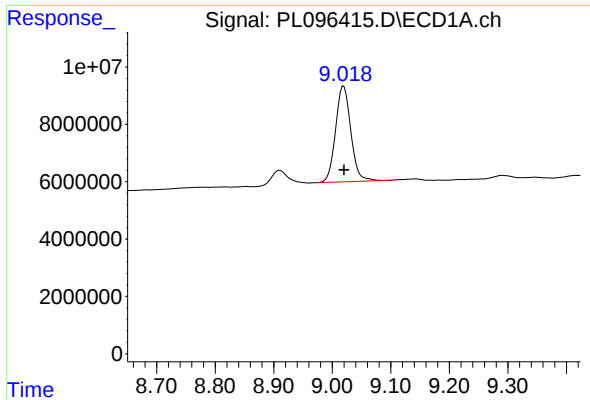
#22 Mirex

R.T.: 8.080 min
Delta R.T.: 0.001 min
Response: 146198245
Conc: 52.55 ng/ml



#22 Mirex

R.T.: 7.100 min
Delta R.T.: -0.001 min
Response: 271569798
Conc: 54.66 ng/ml



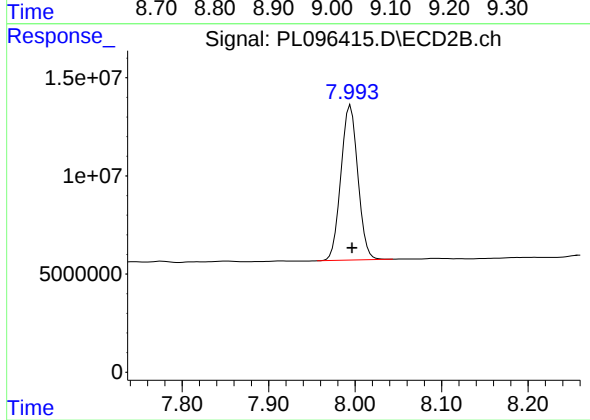
#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 60677417
Conc: 21.57 ng/ml

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

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.995 min
Delta R.T.: -0.002 min
Response: 106781597
Conc: 21.41 ng/ml