

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041725\
 Data File : PL095295.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Apr 2025 18:14
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/18/2025
 Supervised By :mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 23:19:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 14 19:12:49 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...	3.535	2.768	144.8E6	194.5E6	52.797	52.257
28)	SA Decachlor...	9.049	7.898	124.4E6	234.5E6	51.683	53.304
Target Compounds							
2)	A alpha-BHC	3.991	3.269	177.5E6	246.9E6	44.166	44.595
3)	MA gamma-BHC...	4.324	3.599	170.9E6	232.7E6	44.449	44.209
4)	MA Heptachlor	4.911	3.936	165.3E6	238.2E6	45.097	45.812
5)	MB Aldrin	5.252	4.215	162.3E6	225.6E6	45.982	46.286
6)	B beta-BHC	4.523	3.899	76807113	102.2E6	43.808	44.098
7)	B delta-BHC	4.769	4.127	173.8E6	233.5E6	44.345	45.157
8)	B Heptachlo...	5.679	4.717	150.7E6	214.6E6	46.928	46.967
9)	A Endosulfan I	6.064	5.085	141.6E6	197.4E6	45.697	45.485m
10)	B gamma-Chl...	5.935	4.967	152.5E6	228.4E6	45.664	47.408
11)	B alpha-Chl...	6.014	5.030	150.5E6	227.1E6	45.338	47.917
12)	B 4,4'-DDE	6.188	5.218	143.9E6	221.4E6	44.016	45.992m
13)	MA Dieldrin	6.340	5.351	149.7E6	225.7E6	45.418	47.026
14)	MA Endrin	6.568	5.626	120.3E6	197.4E6	46.173m	47.265
15)	B Endosulfa...	6.790	5.922	127.6E6	202.7E6	44.744	46.159
16)	A 4,4'-DDD	6.706	5.774	115.6E6	186.5E6	45.520	47.951
17)	MA 4,4'-DDT	7.020	6.024	107.6E6	176.4E6	42.284	42.351
18)	B Endrin al...	6.919	6.100	94074316	147.9E6	42.740m	43.892
19)	B Endosulfa...	7.155	6.323	114.4E6	194.4E6	44.521	46.543
20)	A Methoxychlor	7.496	6.599	56018739	95045963	41.823	42.324
21)	B Endrin ke...	7.640	6.827	126.6E6	234.6E6	43.869	46.528m
22)	Mirex	8.112	7.007	94367056	175.8E6	44.362	44.722

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041725\
Data File : PL095295.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2025 18:14
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

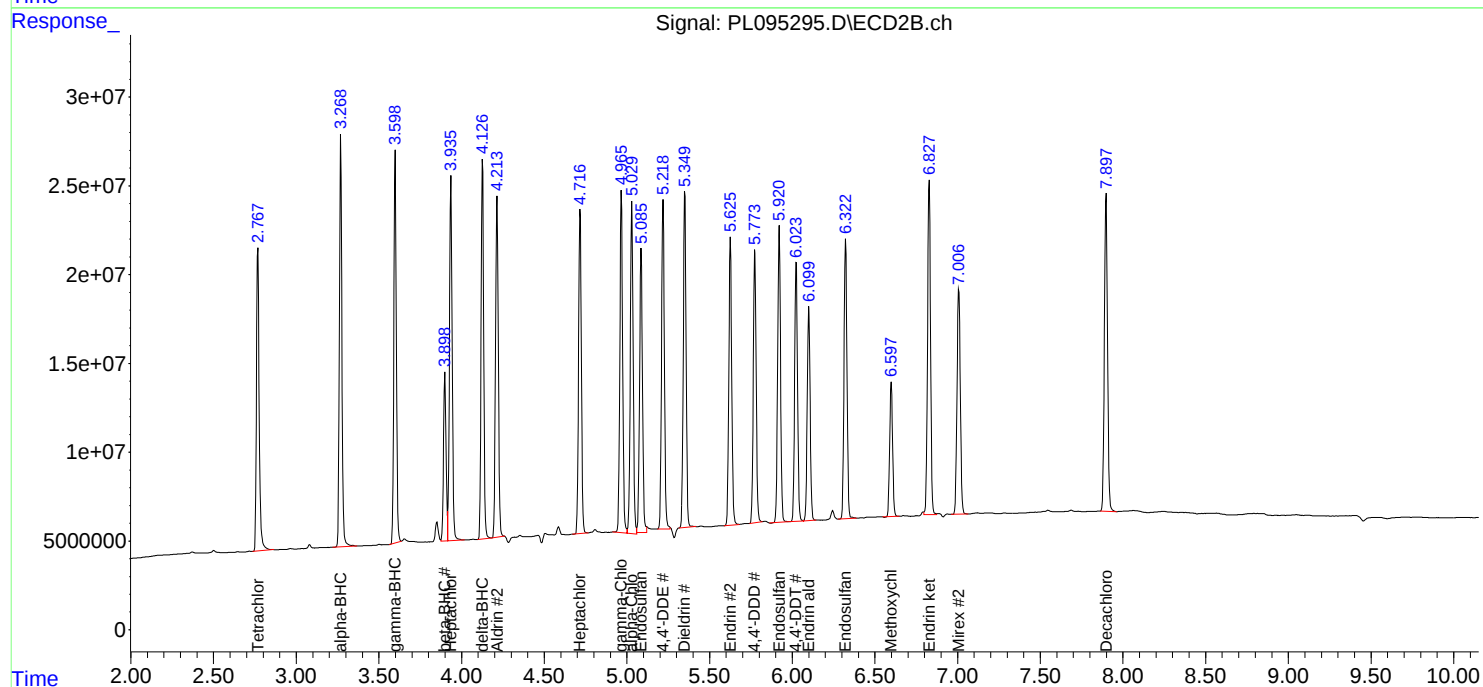
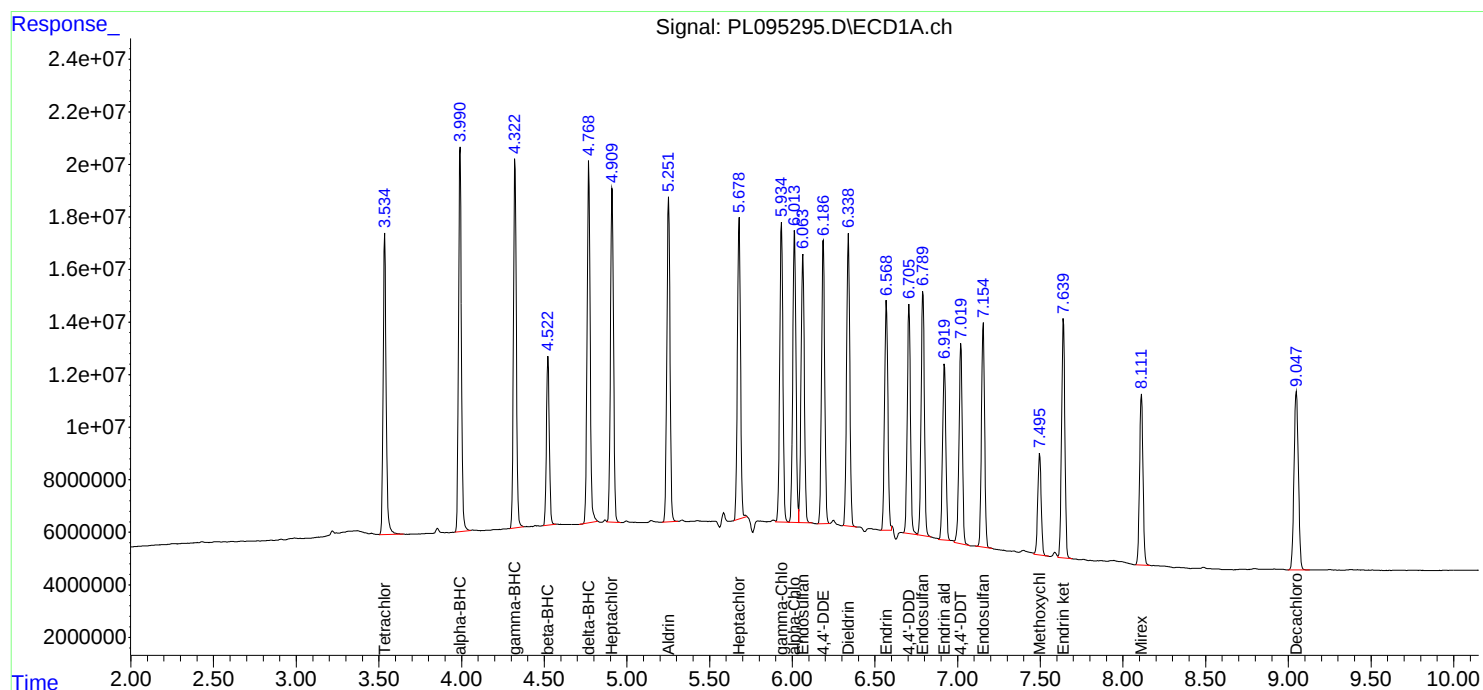
APPROVED

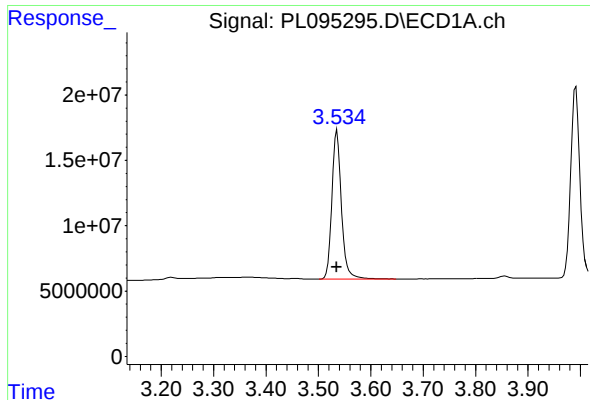
Reviewed By :Yogesh Patel 04/18/2025

Supervised By :mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 17 23:19:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 19:12:49 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





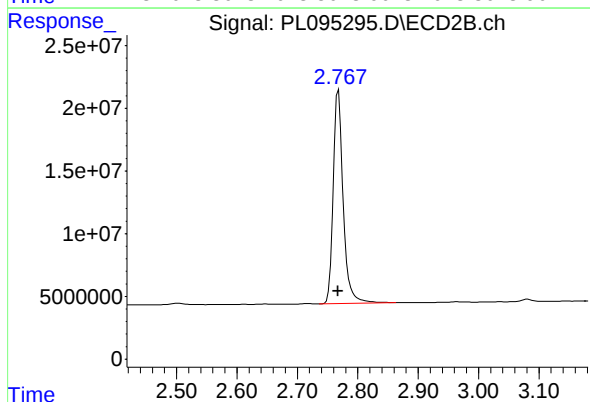
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: 0.000 min
Response: 144838301
Conc: 52.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

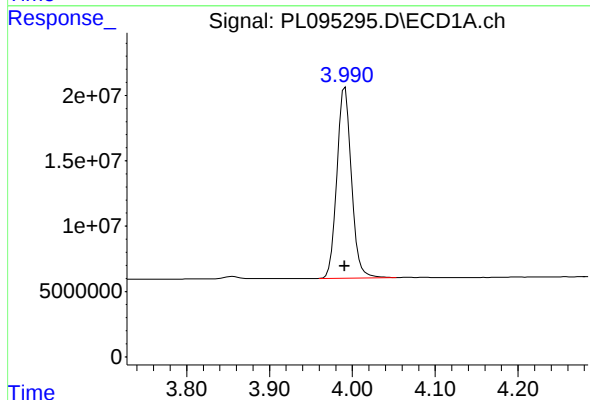
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/18/2025
Supervised By :mohammad ahmed 04/18/2025



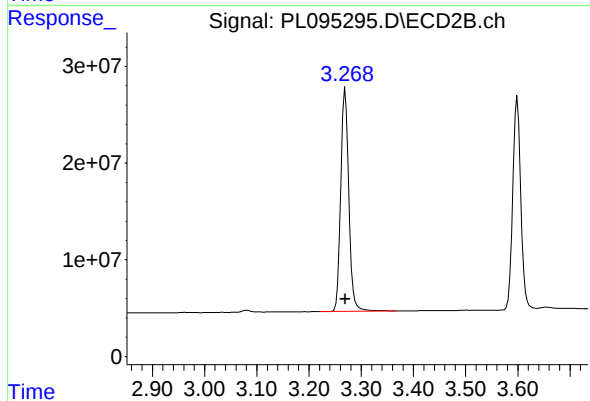
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 194459465
Conc: 52.26 ng/ml



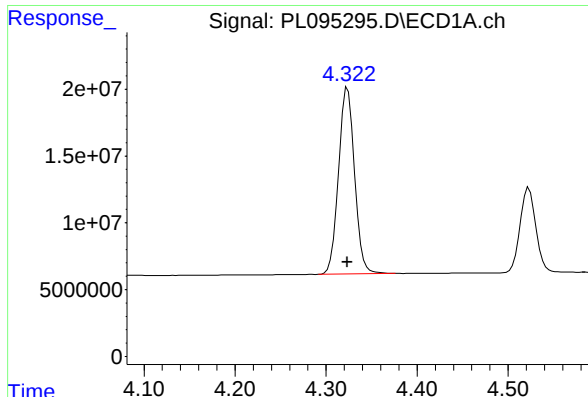
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: 0.000 min
Response: 177510904
Conc: 44.17 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: 0.000 min
Response: 246945961
Conc: 44.60 ng/ml



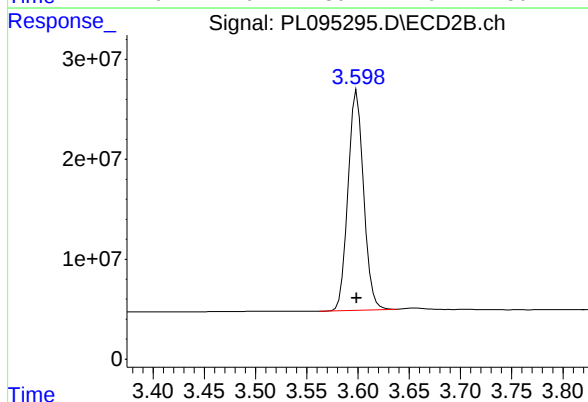
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 170930555
Conc: 44.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

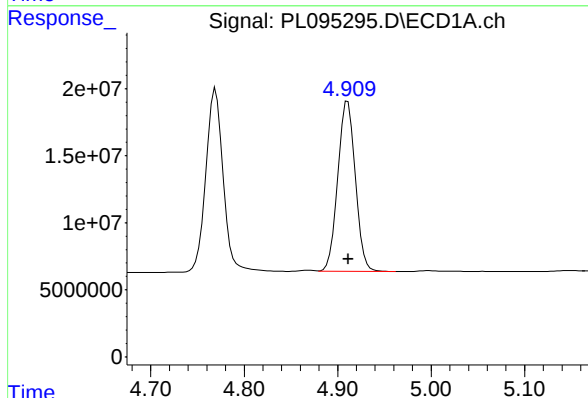
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/18/2025
Supervised By :mohammad ahmed 04/18/2025



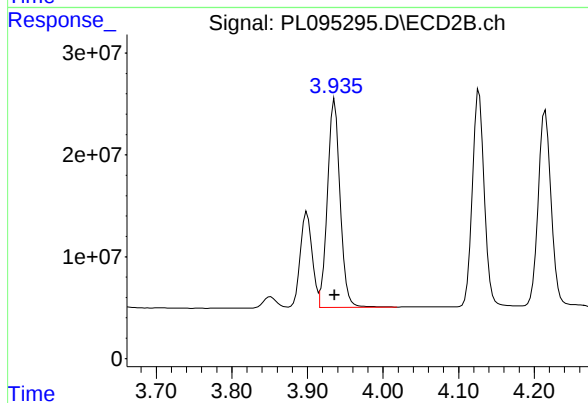
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 232675682
Conc: 44.21 ng/ml



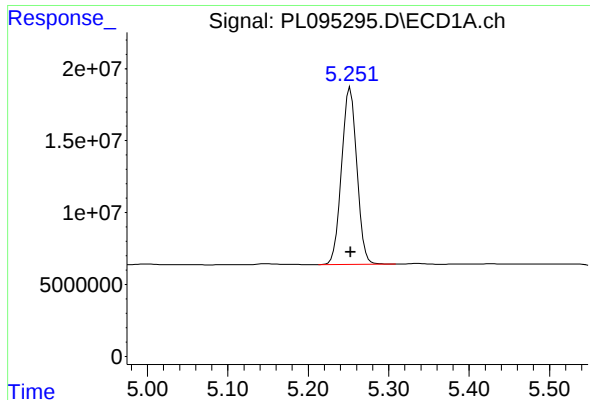
#4 Heptachlor

R.T.: 4.911 min
Delta R.T.: 0.000 min
Response: 165345063
Conc: 45.10 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 238195623
Conc: 45.81 ng/ml



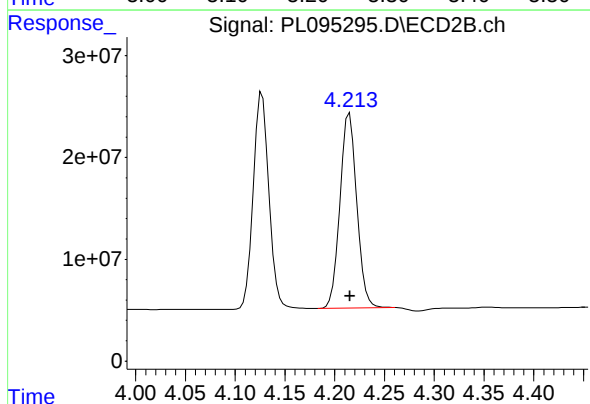
#5 Aldrin

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 162276465
Conc: 45.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

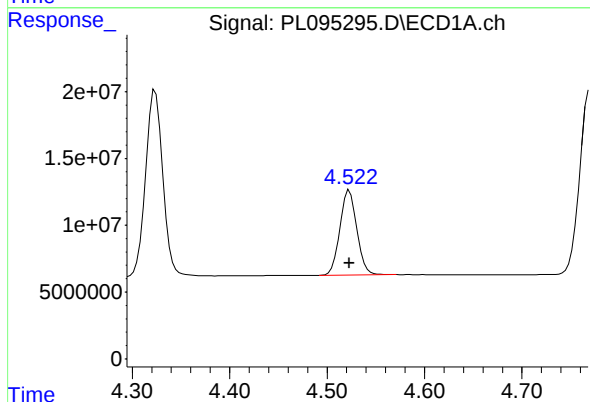
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/18/2025
Supervised By :mohammad ahmed 04/18/2025



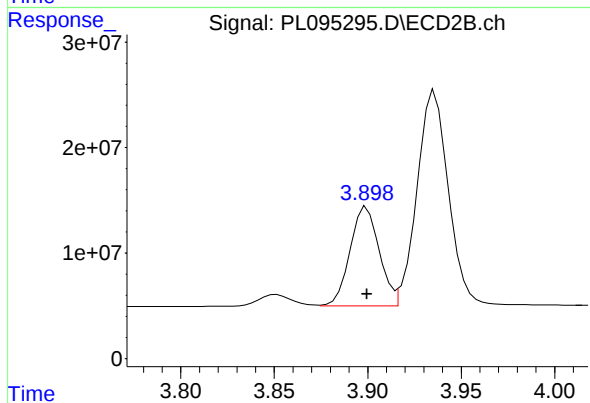
#5 Aldrin

R.T.: 4.215 min
Delta R.T.: 0.000 min
Response: 225578684
Conc: 46.29 ng/ml



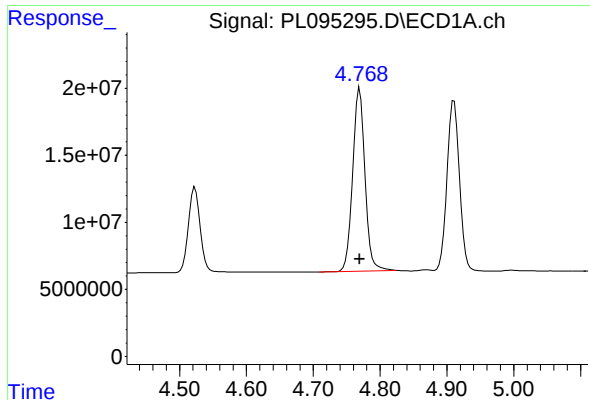
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: 0.000 min
Response: 76807113
Conc: 43.81 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: 0.000 min
Response: 102180148
Conc: 44.10 ng/ml



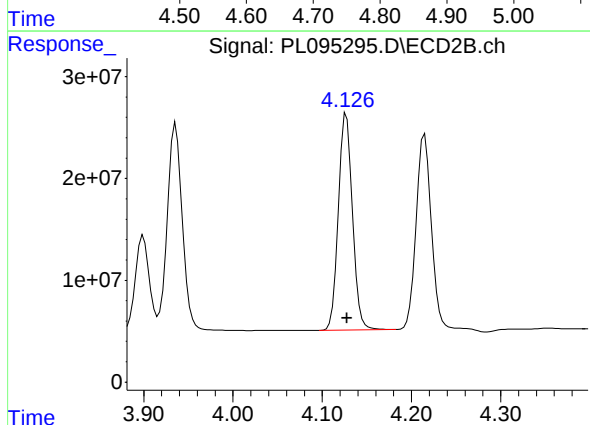
#7 delta-BHC

R.T.: 4.769 min
Delta R.T.: 0.000 min
Response: 173771328
Conc: 44.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

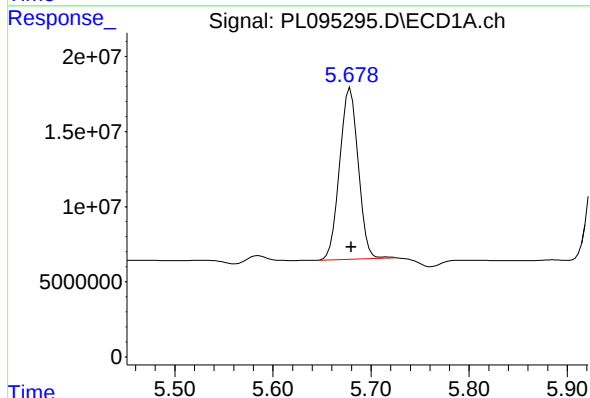
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/18/2025
Supervised By :mohammad ahmed 04/18/2025



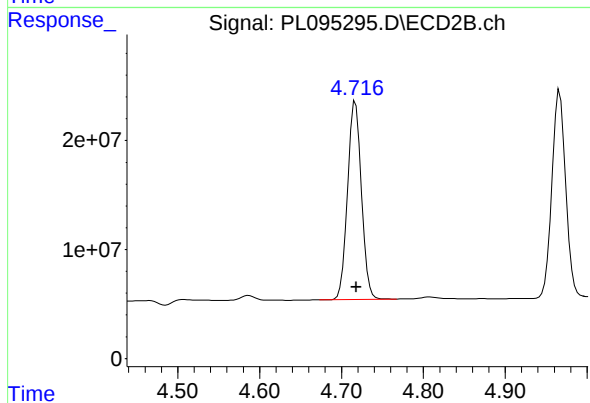
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: 0.000 min
Response: 233465454
Conc: 45.16 ng/ml



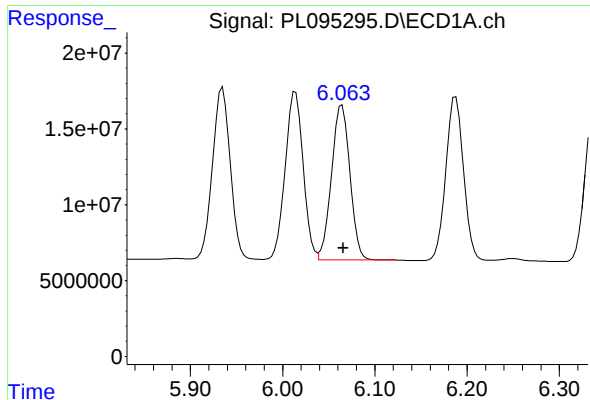
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: -0.001 min
Response: 150675252
Conc: 46.93 ng/ml



#8 Heptachlor epoxide

R.T.: 4.717 min
Delta R.T.: 0.000 min
Response: 214575560
Conc: 46.97 ng/ml



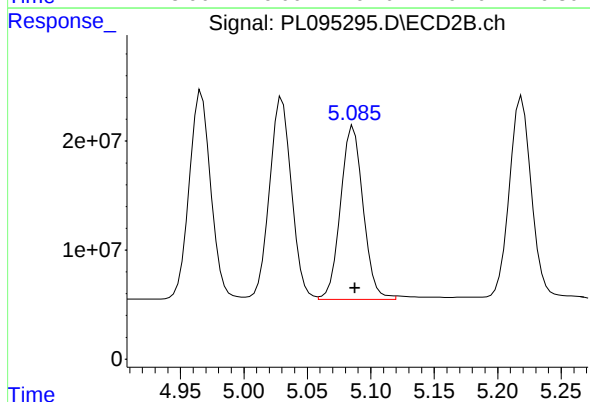
#9 Endosulfan I

R.T.: 6.064 min
Delta R.T.: -0.001 min
Response: 141587616
Conc: 45.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

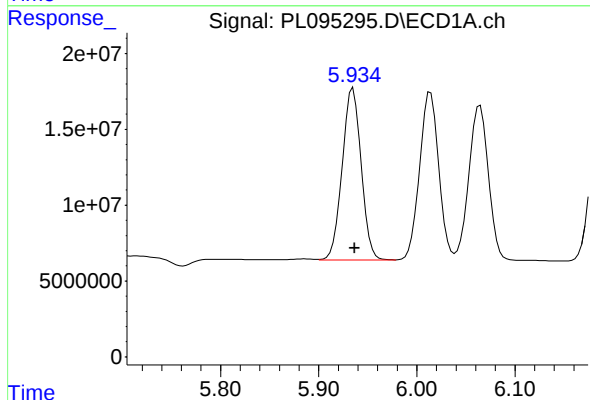
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/18/2025
Supervised By :mohammad ahmed 04/18/2025



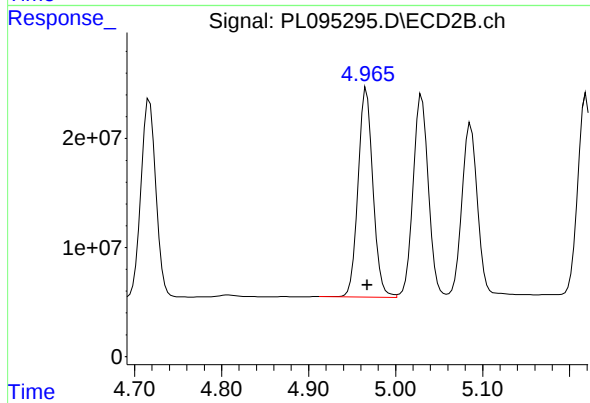
#9 Endosulfan I

R.T.: 5.085 min
Delta R.T.: -0.003 min
Response: 197445947
Conc: 45.49 ng/ml



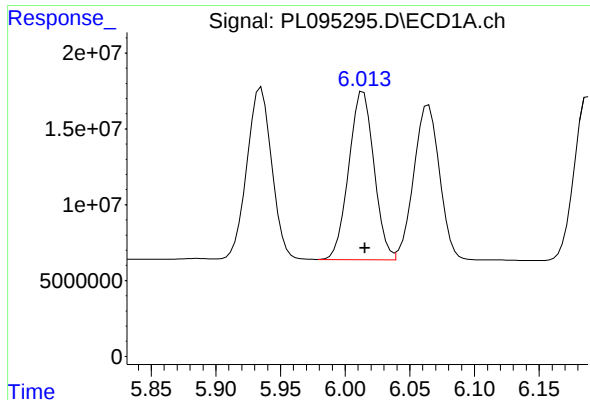
#10 gamma-Chlordane

R.T.: 5.935 min
Delta R.T.: -0.002 min
Response: 152540429
Conc: 45.66 ng/ml



#10 gamma-Chlordane

R.T.: 4.967 min
Delta R.T.: -0.001 min
Response: 228355214
Conc: 47.41 ng/ml



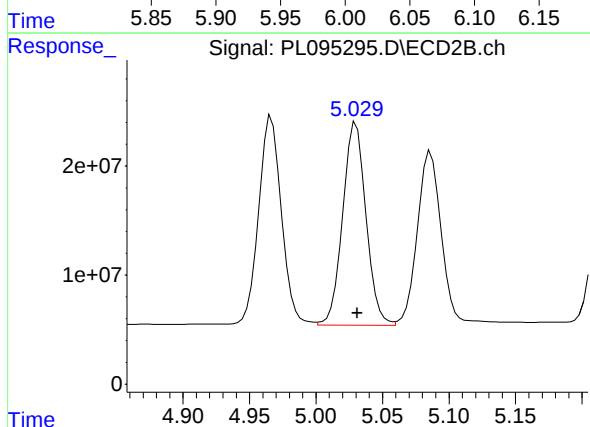
#11 alpha-Chlordane

R.T.: 6.014 min
Delta R.T.: -0.001 min
Response: 150499551
Conc: 45.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

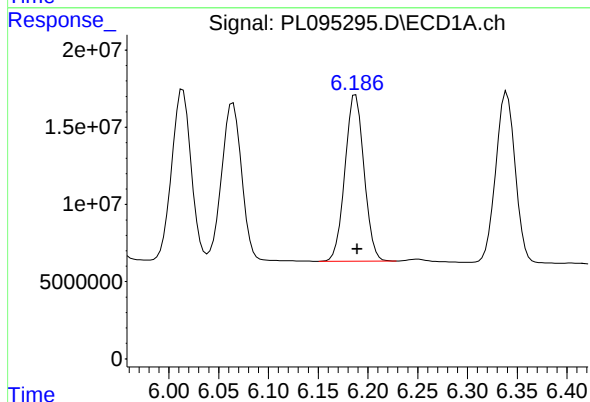
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/18/2025
Supervised By :mohammad ahmed 04/18/2025



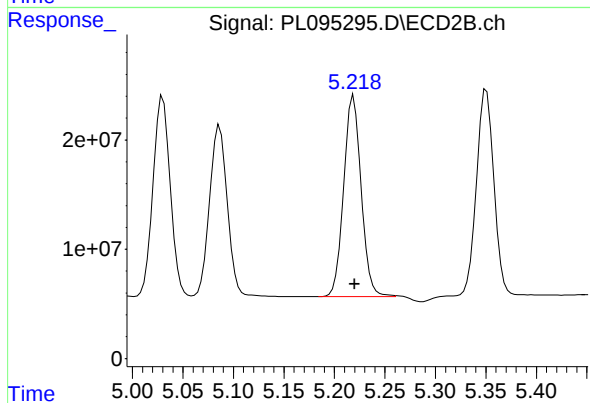
#11 alpha-Chlordane

R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 227106849
Conc: 47.92 ng/ml



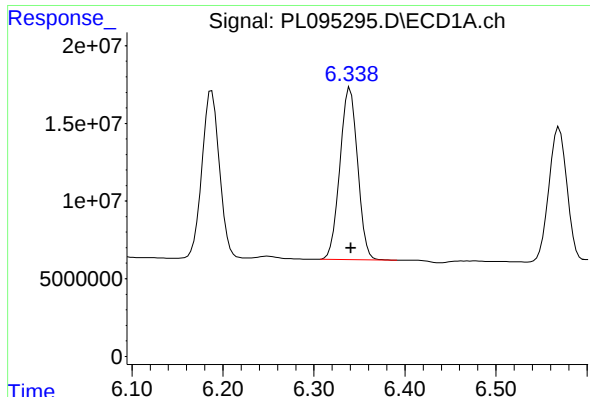
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.002 min
Response: 143925513
Conc: 44.02 ng/ml



#12 4,4'-DDE

R.T.: 5.218 min
Delta R.T.: -0.002 min
Response: 221437826
Conc: 45.99 ng/ml m



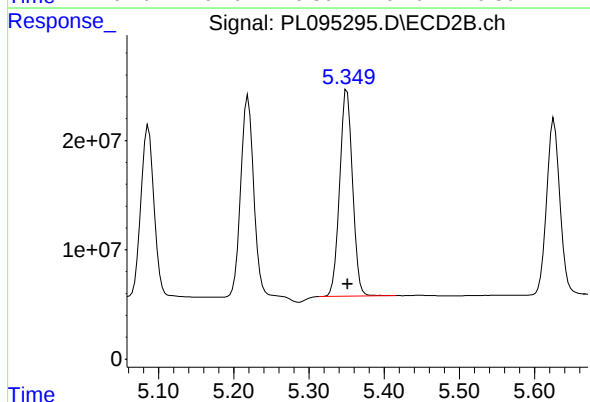
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: -0.001 min
Response: 149656729
Conc: 45.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

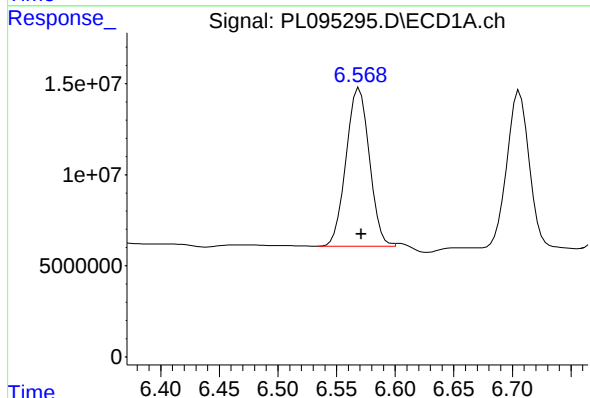
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/18/2025
Supervised By :mohammad ahmed 04/18/2025



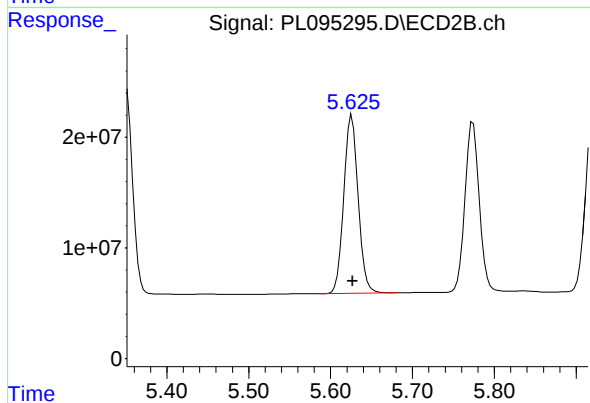
#13 Dieldrin

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 225725100
Conc: 47.03 ng/ml



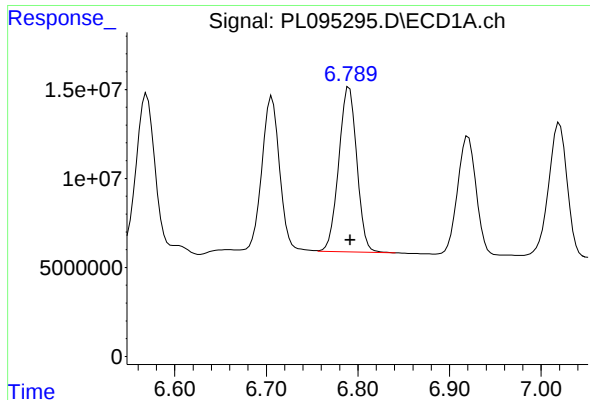
#14 Endrin

R.T.: 6.568 min
Delta R.T.: -0.003 min
Response: 120331951
Conc: 46.17 ng/ml m



#14 Endrin

R.T.: 5.626 min
Delta R.T.: -0.001 min
Response: 197444379
Conc: 47.26 ng/ml



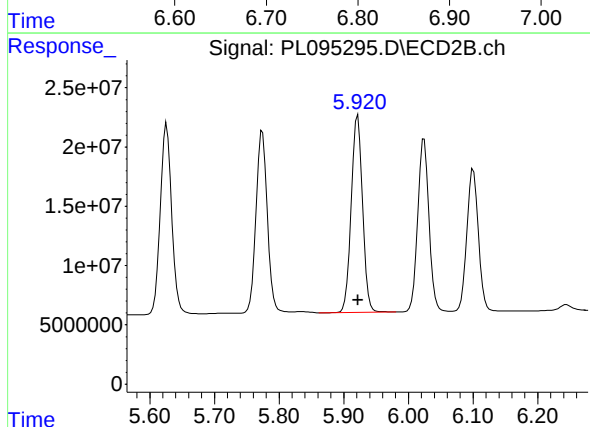
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: -0.001 min
Response: 127625671
Conc: 44.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

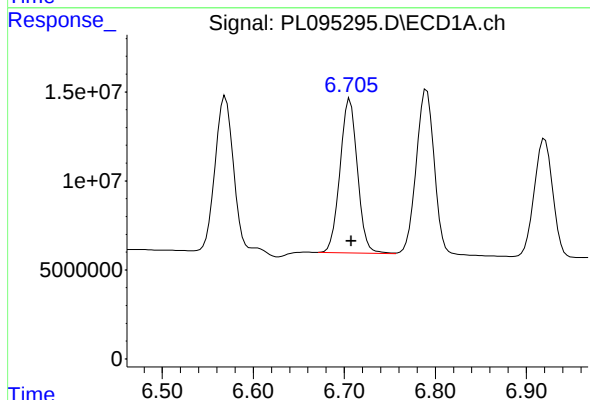
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/18/2025
Supervised By :mohammad ahmed 04/18/2025



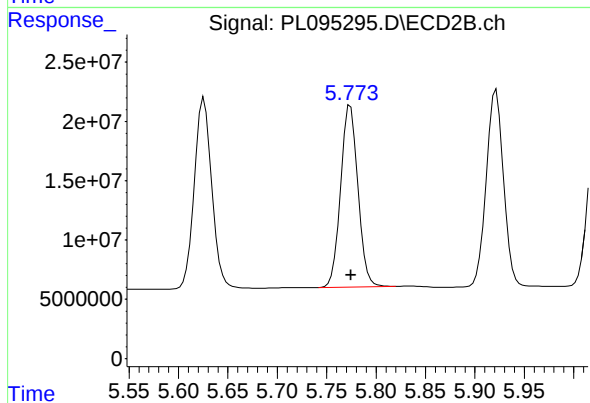
#15 Endosulfan II

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 202650836
Conc: 46.16 ng/ml



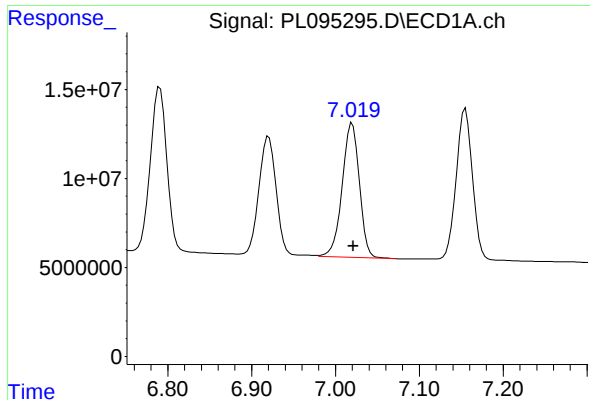
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: -0.002 min
Response: 115579365
Conc: 45.52 ng/ml



#16 4,4'-DDD

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 186525801
Conc: 47.95 ng/ml



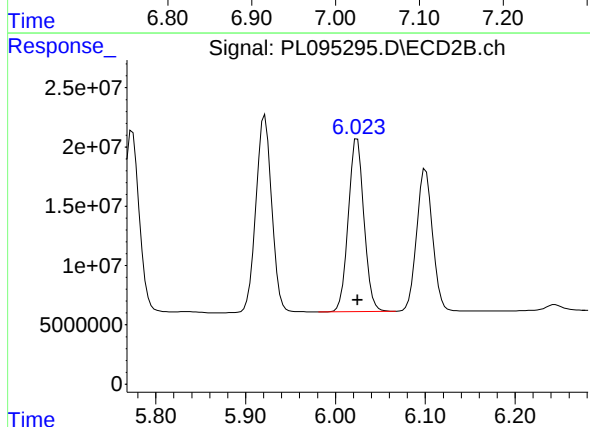
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.001 min
Response: 107636161
Conc: 42.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

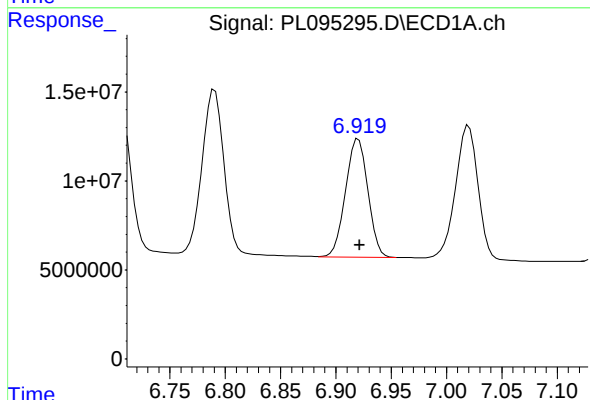
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/18/2025
Supervised By :mohammad ahmed 04/18/2025



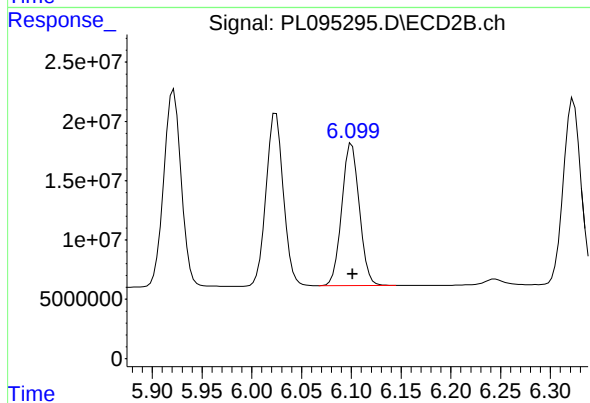
#17 4,4'-DDT

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 176432791
Conc: 42.35 ng/ml



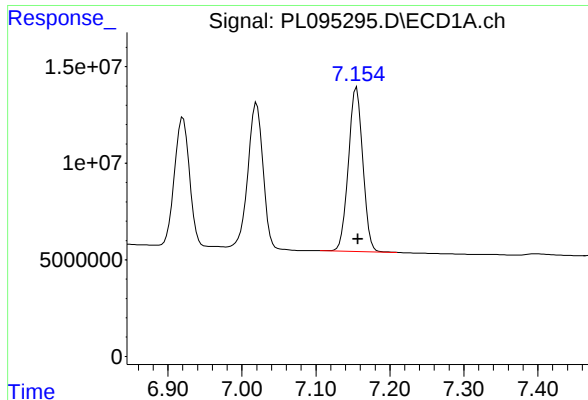
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: -0.003 min
Response: 94074316
Conc: 42.74 ng/ml m



#18 Endrin aldehyde

R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 147910359
Conc: 43.89 ng/ml



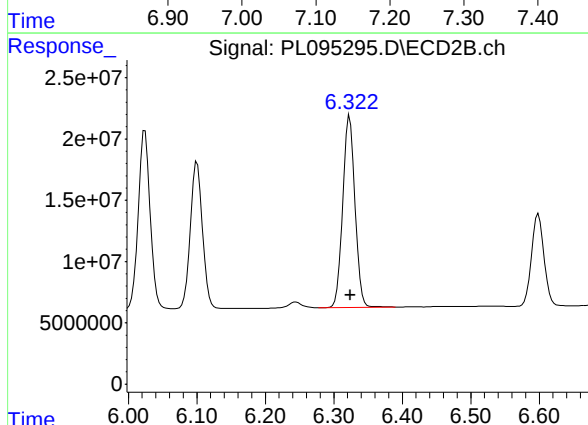
#19 Endosulfan Sulfate

R.T.: 7.155 min
Delta R.T.: -0.002 min
Response: 114402936
Conc: 44.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

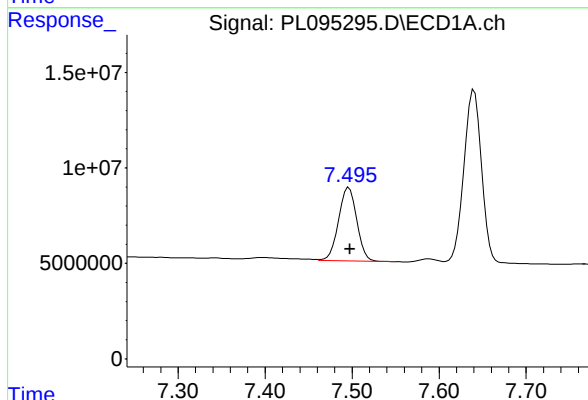
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/18/2025
Supervised By :mohammad ahmed 04/18/2025



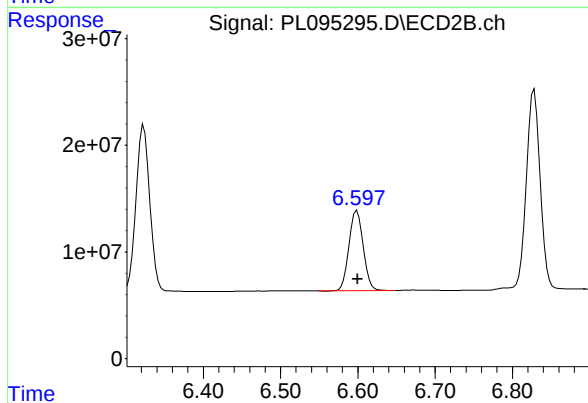
#19 Endosulfan Sulfate

R.T.: 6.323 min
Delta R.T.: -0.001 min
Response: 194382979
Conc: 46.54 ng/ml



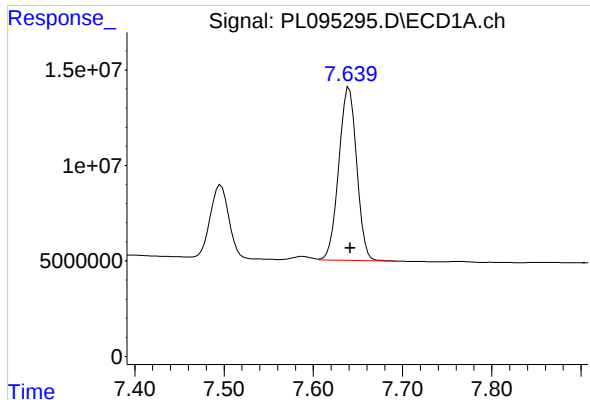
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: -0.002 min
Response: 56018739
Conc: 41.82 ng/ml



#20 Methoxychlor

R.T.: 6.599 min
Delta R.T.: 0.000 min
Response: 95045963
Conc: 42.32 ng/ml



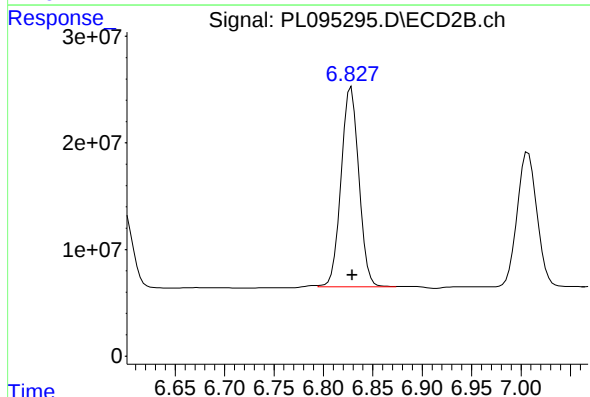
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: -0.001 min
Response: 126633939
Conc: 43.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

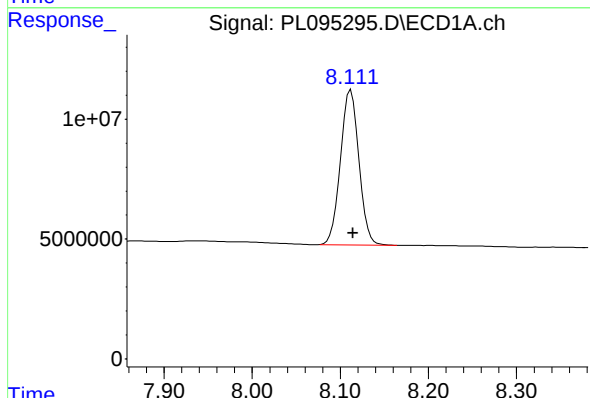
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/18/2025
Supervised By :mohammad ahmed 04/18/2025



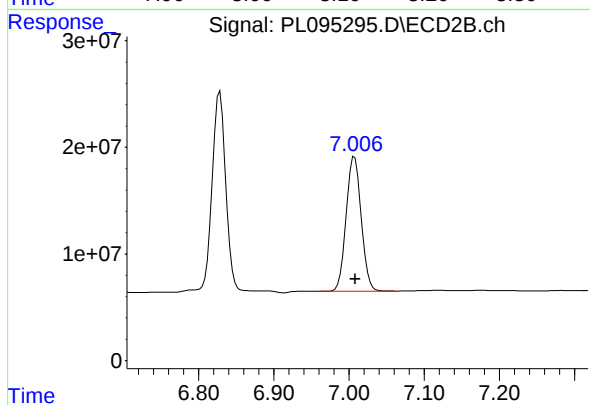
#21 Endrin ketone

R.T.: 6.827 min
Delta R.T.: -0.003 min
Response: 234598420
Conc: 46.53 ng/ml m



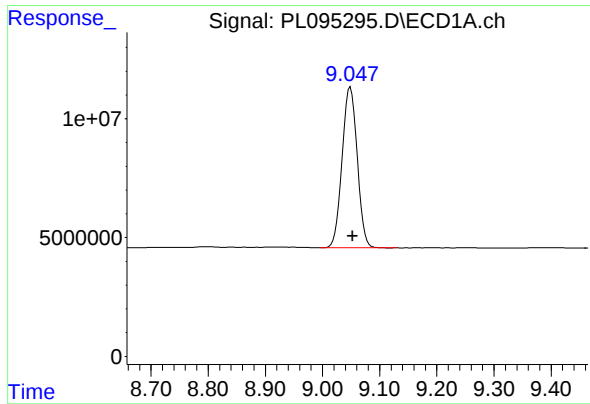
#22 Mirex

R.T.: 8.112 min
Delta R.T.: -0.002 min
Response: 94367056
Conc: 44.36 ng/ml



#22 Mirex

R.T.: 7.007 min
Delta R.T.: -0.001 min
Response: 175836572
Conc: 44.72 ng/ml



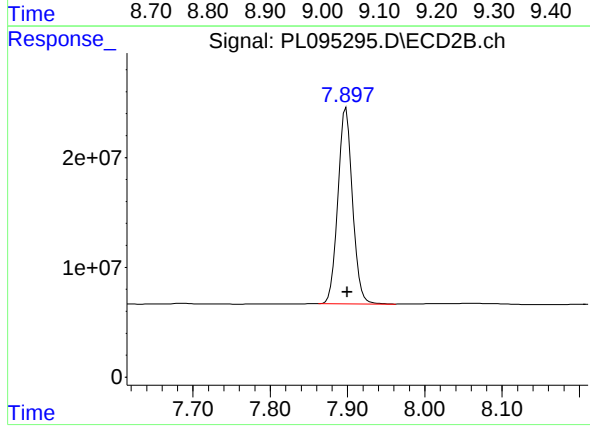
#28 Decachlorobiphenyl

R.T.: 9.049 min
Delta R.T.: -0.004 min
Response: 124436937
Conc: 51.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/18/2025
Supervised By :mohammad ahmed 04/18/2025



#28 Decachlorobiphenyl

R.T.: 7.898 min
Delta R.T.: -0.001 min
Response: 234489154
Conc: 53.30 ng/ml